

OCK50-M01380EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI050-6A for U.S.A. .
(M/# 60501~)

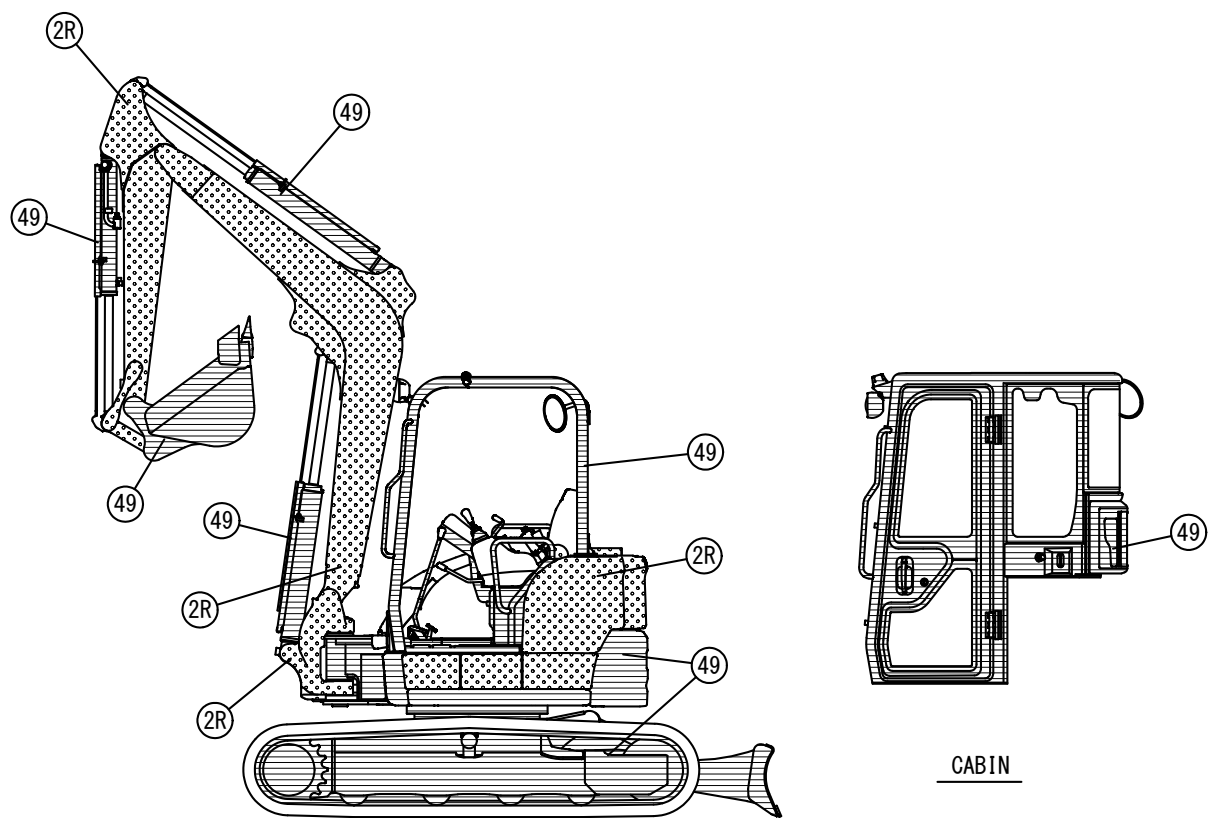
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI050-6A (US)	Oct. , 2017	
	Engine	4TNV88C-PBV		

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



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
49		YANMAR Navy Gray	-----	TOR-91390001	TOR-94800491

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FRONT

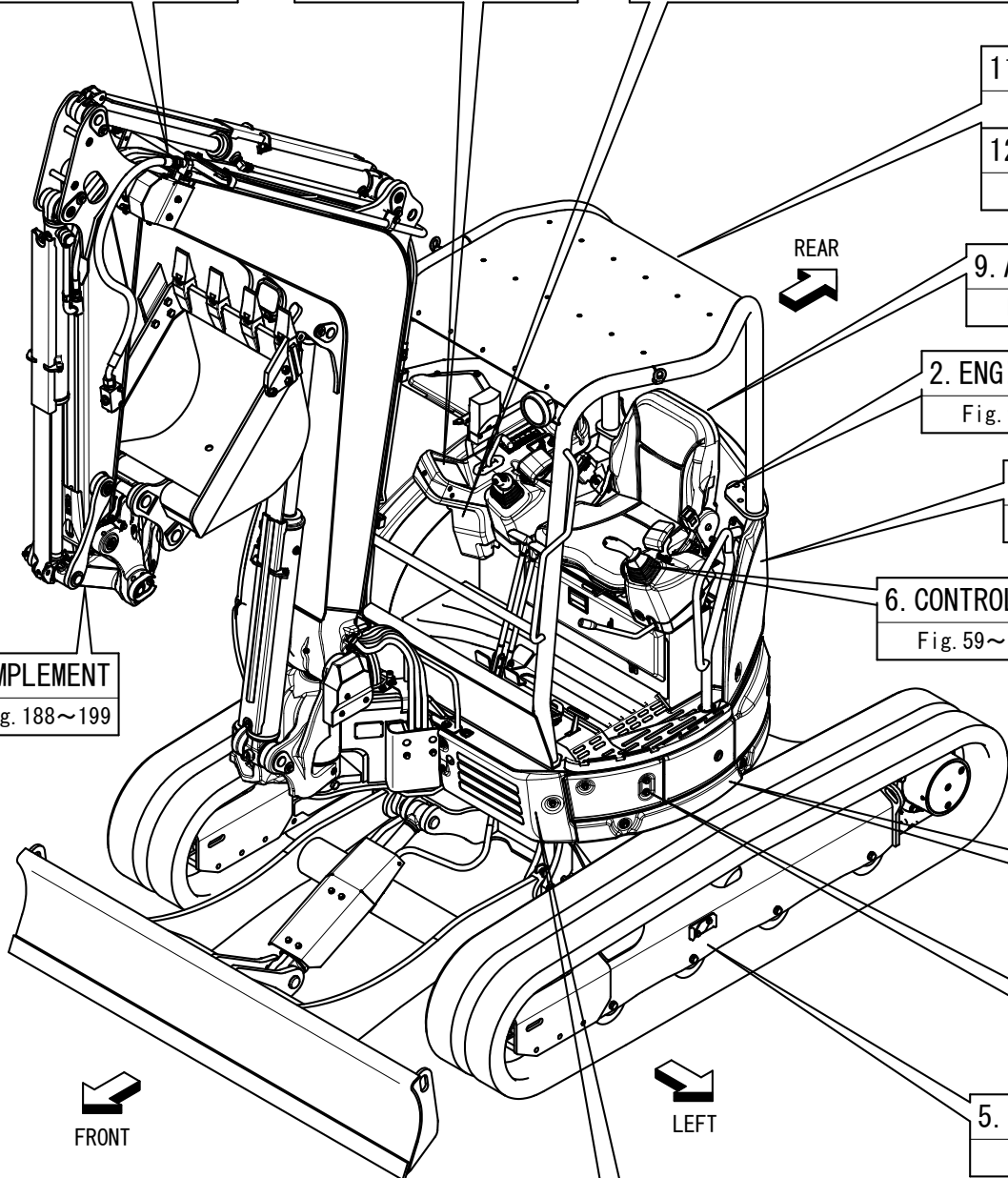


LEFT

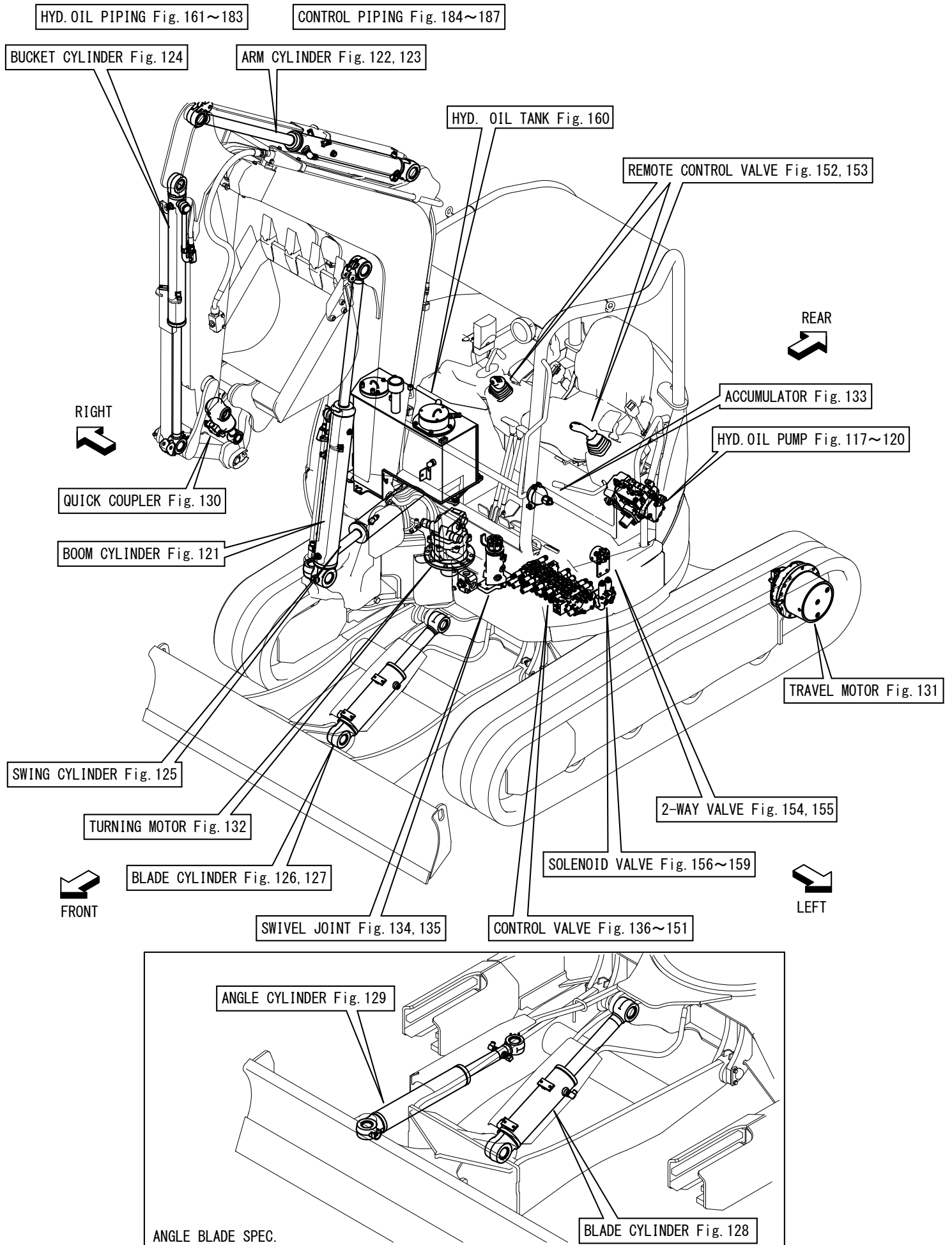


13. HYDRAULIC OIL EQUIPMENT

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3. LABEL(CANOPY)
4. LABEL(CANOPY)(ANGLE BLADE SPEC.)
5. LABEL(CABIN)
6. LABEL(CABIN)(ANGLE BLADE SPEC.)
7. LABEL(QUICK COUPLER)
8. TOOL BOX

ENGINE RELATED

9. MUFFLER
10. AIR CLEANER
11. MUFFLER COVER
12. ACCELERATOR
13. ENGINE MOUNT
14. ENGINE MOUNT(AIR CONDITIONER SPEC.)
15. RADIATOR SHROUD
16. RADIATOR & SUB TANK
17. RADIATOR HOSE
18. DUCT
19. FUEL TANK
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Fig. No. Fig. Name

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22. HARNESS SUPPORT
23. BATTERY(MINUS CABLE)
24. HORN
25. P.T.O.(ANGLE BLADE SPEC.)
26. HARNESS GUIDE
27. STARTER SWITCH
28. AROUND THE SEAT
29. ANGLE BLADE LEVER(ANGLE BLADE SPEC.)
30. PRESSURE SWITCH
31. TRAVEL BUZZER
32. CONTROLLER
33. WORK LAMP
34. INSTRUMENT PANEL(CANOPY)
35. INSTRUMENT PANEL(CABIN)(HEATER SPEC.)
36. INSTRUMENT PANEL(CABIN)(AIR CONDITIONER SPEC.)
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38. WORK CONTROL
39. QUICK COUPLER(SWITCH BOX)
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AIR CONDITIONER & HEATER

42. AIR CONDITIONER(UNIT)

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- 43. AIR CONDITIONER(ACCESSORY)
- 44. AIR CONDITIONER(PIPING)
- 45. AIR CONDITIONER(ENGINE RELATED)
- 46. AIR CONDITIONER(CONDENSER RELATED)
- 47. AIR CONDITIONER(ELECTRIC PARTS)
- 48. HEATER(UNIT)
- 49. HEATER(ACCESSORY)
- 50. HEATER(PIPING)
- 51. DUCT(AIR CONDITIONER & HEATER)

TRAVELING

- 52. SPROCKET
- 53. IDLER & ADJUST
- 54. TRACK ROLLER
- 55. CARRIER ROLLER
- 56. IRON CRAWLER
- 57. RUBBER CRAWLER

CONTROL EQUIPMENT

- 58. TRAVEL PEDAL
- 59. VALVE MOUNT
- 60. TRAVEL LEVER
- 61. SWING PEDAL
- 62. LINK COVER
- 63. PEDAL COVER

Fig. No. Fig. Name

- 64. LEVER SPACER
- 65. BLADE LEVER
- 66. BLADE LEVER(ANGLE BLADE SPEC.)
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- 71. COUNTER WEIGHT
- 72. TURNING FRAME
- 73. TURNING BEARING

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- 75. UPPER COVER(1)
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- 84. STEP(CANOPY)
- 85. COVER(LEVER)
- 86. COVER(MONITOR)(CANOPY)
- 87. COVER(MONITOR)(CABIN)(AIR CONDITIONER SPEC.)
- 88. COVER(MONITOR)(CABIN)(HEATER SPEC.)
- 89. SEAT MOUNT
- 90. COVER(SEAT MOUNT)
- 91. SEAT
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- 93. HANDRAIL(LEFT)
- 94. HANDRAIL(RIGHT)
- 95. HANDRAIL(RIGHT)(QUICK COUPLER SPEC.)

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- 96. BONNET(REAR)
- 97. BONNET(FRONT)
- 98. BONNET(LEFT)
- 99. BONNET(RIGHT)

CANOPY

- 100. CANOPY
- 101. CANOPY MOUNT
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Fig. No. Fig. Name

CABIN

- 103. WINDOW WASHER
- 104. CABIN(ASSEMBLY)
- 105. CABIN DOOR(1)
- 106. CABIN DOOR(2)
- 107. CABIN(FRONT WINDOW)(1)
- 108. CABIN(FRONT WINDOW)(2)
- 109. CABIN(GLASS)
- 110. CABIN(REAR COVER)
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- 114. CABIN(PAD)
- 115. BOX(CABIN HEATER SPEC.)

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- 117. HYDRAULIC PUMP
- 118. HYDRAULIC PUMP(QUICK COUPLER SPEC.)
- 119. HYDRAULIC PUMP(E.S.S. SPEC.)
- 120. HYDRAULIC PUMP(E.S.S. & QUICK COUPLER SPEC.)
- 121. BOOM CYLINDER
- 122. ARM CYLINDER
- 123. ARM CYLINDER(QUICK COUPLER SPEC.)

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Fig. No. Fig. Name

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- 125. SWING CYLINDER
- 126. BLADE CYLINDER
- 127. BLADE CYLINDER(QUICK COUPLER SPEC.)
- 128. BLADE CYLINDER(ANGLE BLADE SPEC.)
- 129. ANGLE CYLINDER(ANGLE BLADE SPEC.)
- 130. HITCH CYLINDER(QUICK COUPLER)
- 131. TRAVEL MOTOR
- 132. TURNING MOTOR
- 133. ACCUMULATOR
- 134. SWIVEL JOINT
- 135. SWIVEL JOINT(ANGLE BLADE SPEC.)
- 136. CONTROL VALVE(1/8)
- 137. CONTROL VALVE(2/8)
- 138. CONTROL VALVE(3/8)
- 139. CONTROL VALVE(4/8)
- 140. CONTROL VALVE(5/8)
- 141. CONTROL VALVE(6/8)
- 142. CONTROL VALVE(7/8)
- 143. CONTROL VALVE(8/8)
- 144. CONTROL VALVE(1/8)(ANGLE BLADE SPEC.)
- 145. CONTROL VALVE(2/8)(ANGLE BLADE SPEC.)
- 146. CONTROL VALVE(3/8)(ANGLE BLADE SPEC.)
- 147. CONTROL VALVE(4/8)(ANGLE BLADE SPEC.)
- 148. CONTROL VALVE(5/8)(ANGLE BLADE SPEC.)

Fig. No. Fig. Name

- 149. CONTROL VALVE(6/8)(ANGLE BLADE SPEC.)
- 150. CONTROL VALVE(7/8)(ANGLE BLADE SPEC.)
- 151. CONTROL VALVE(8/8)(ANGLE BLADE SPEC.)
- 152. REMOTE CONTROL VALVE(RIGHT)
- 153. REMOTE CONTROL VALVE(LEFT)
- 154. 2-WAY VALVE
- 155. 2-WAY VALVE(ANGLE BLADE SPEC.)
- 156. SOLENOID VALVE(P.T.O.)(E.S.S. SPEC.)
- 157. SOLENOID VALVE(P.T.O. 2)(ANGLE BLADE SPEC.)
- 158. SOLENOID VALVE(P.T.O.)
- 159. SOLENOID VALVE BRACKET(P.T.O. 2)(ANGLE BLADE SPEC.)
- 160. HYD. OIL TANK

HYDRAULIC OIL PIPING

- 161. TANK - PUMP & CONTROL VALVE
- 162. CONTROL VALVE - TURNING MOTOR
- 163. CONTROL VALVE(FITTING)(1)
- 164. CONTROL VALVE(FITTING)(2)
- 165. CONTROL VALVE(FITTING)(1)(ANGLE BLADE SPEC.)
- 166. CONTROL VALVE(FITTING)(2)(ANGLE BLADE SPEC.)
- 167. CONTROL VALVE - RETURN & DRAIN
- 168. CONTROL VALVE - BOOM BULKHEAD & SWING
- 169. CONTROL VALVE - BOOM CYLINDER
- 170. CONTROL VALVE - SWIVEL JOINT
- 171. CONTROL VALVE - SWIVEL JOINT(ANGLE BLADE SPEC.)

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- 173. TRAVEL FRAME(ANGLE BLADE SPEC.)
- 174. ARM CYLINDER & BUCKET CYLINDER
- 175. P.T.O.(CONTROL VALVE - BOOM)
- 176. P.T.O.(BOOM - ARM END)
- 177. P.T.O.(SOLENOID VALVE)
- 178. P.T.O.(SOLENOID VALVE)(ANGLE BLADE SPEC.)
- 179. P.T.O.(SOLENOID VALVE & E.S.S.)
- 180. P.T.O.(SOLENOID VALVE & E.S.S.)(ANGLE BLADE SPEC.)
- 181. P.T.O.2(ANGLE BLADE SPEC.)
- 182. QUICK COUPLER(HYD. OIL PIPING)(1)
- 183. QUICK COUPLER(HYD. OIL PIPING)(2)
- 184. CONTROL PIPING(1)
- 185. CONTROL PIPING(1)(ANGLE BLADE SPEC.)
- 186. CONTROL PIPING(2)
- 187. GREASING

IMPLEMENT

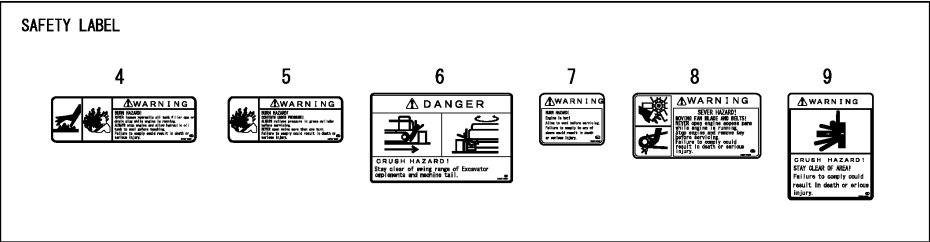
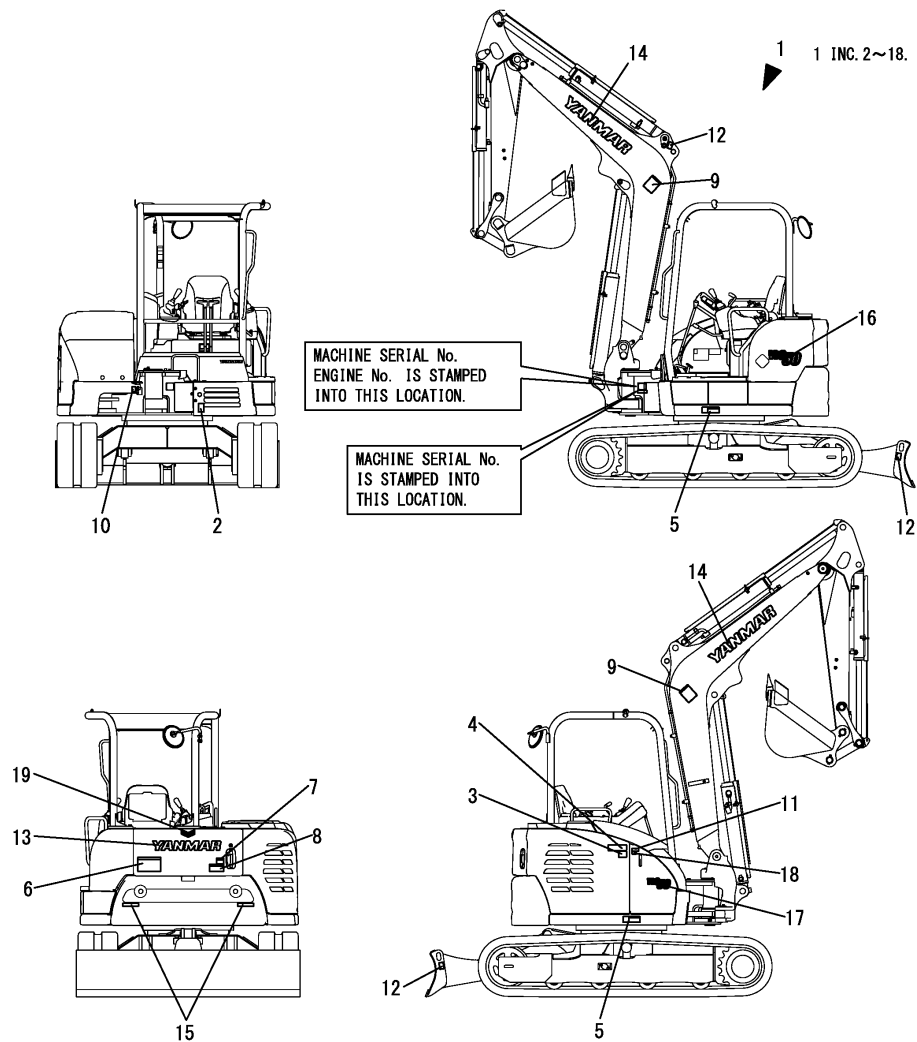
- 188. BOOM BRACKET
- 189. BOOM
- 190. ARM
- 191. BUCKET ARM & LINK
- 192. QUICK COUPLER(BODY)
- 193. BUCKET PIN(STD)
- 194. BUCKET PIN(QUICK COUPLER SPEC.)

Fig. No. Fig. Name

- 195. BUCKET
- 196. PLUG(IMPLEMENT)
- 197. BLADE
- 198. BLADE CYLINDER(QUICK COUPLER SPEC.)
- 199. BLADE CYLINDER(ANGLE BLADE SPEC.)

OPTIONAL & KIT

- 200. LABEL KIT(FOR CANADA)(OPTIONAL)
- 201. LABEL KIT(FOR CANADA)(ANGLE BLADE SPEC.)(OPTIONAL)
- 202. RADIO KIT(OPTIONAL)(WITHOUT RADIO)
- 203. REMOTE CONTROLLER KIT(OPTIONAL)
- 204. P.T.O. STOP VALVE CONNECTER KIT(OPTIONAL)
- 205. ADDITIONAL WEIGHT KIT(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08080	LABEL SET,OUT EX50 D	1	1						
2	2	172B04-03250	LABEL,PTO SELECT EX	1	1						
3	2	172463-03290	LABEL, HYD.OIL	1	1						
4	2	172437-03322	LABEL, RESEVOIR	1	1						
5	2	172437-03352	LABEL, CYLINDER	2	2						
6	2	172A64-03380	LABEL,SWING AREA US	1	1						
7	2	172437-03402	LABEL, ENGINE COVER	1	1						
8	2	172A36-03411	LABEL, ENGINE ROOM	1	1						
9	2	172437-03461	LABEL, BOOM	2	2						
10	2	172B03-03460	LABEL, GREASE US	1	1						
11	2	172437-03501	LABEL, FUEL	1	1						
12	2	172437-03511	LABEL, HOOK	3	3						
13	2	172A86-03820	LABEL,YANMAR 560 B	1	1						
14	2	172A86-03830	LABEL,YANMAR 710 B	2	2						
15	2	172B04-03980	LABEL, REFLECTOR M	2	2						
16	2	172B04-04490	LABEL,MODEL VIO50 L	1	1						
17	2	172B04-04500	LABEL,MODEL VIO50 R	1	1						
18	2	114110-07761	LABEL, FUEL OIL CAUT	1	1						
19	1	172B04-03650	EMBLEM ASSY,FY L4 Y	1	1						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08170	LABEL SET,IN US	1	1						
2	2	172A07-03160	LABEL	1	1						
3	2	172A38-03201	LABEL, SUB TANK	1	1						
4	2	172A38-03211	LABEL, ANTI-FREEZING	1	1						
5	2	172B04-03260	LABEL,FUSE	1	1						
6	2	172462-03320	LABEL, RADIATOR	1	1						
7	2	172A69-03350	LABEL,BATTERY COVER	1	1						
8	2	172437-03361	LABEL, BATTERY	1	1						
9	2	172437-03391	LABEL, RADIATOR	1	1						
10	2	172B03-03390	LABEL,SILENCER EX	1	1						
11	2	172B04-03490	LABEL,RESERVOIR EX	1	1						
12	2	172437-03610	LABEL	1	1						
13	2	172437-03620	LABEL	1	1						
14	2	172125-03951	LABEL, AIR CLEANER	1	1						

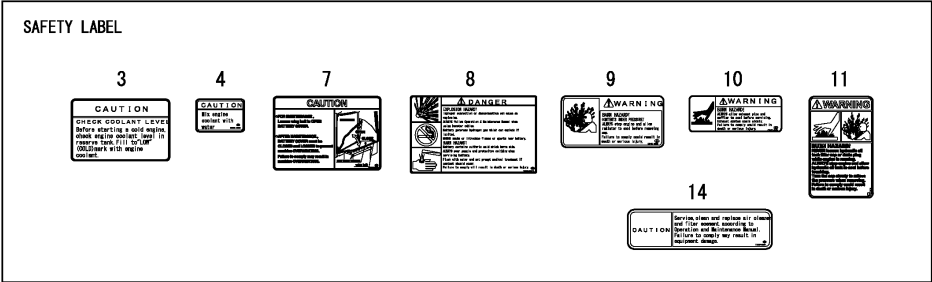
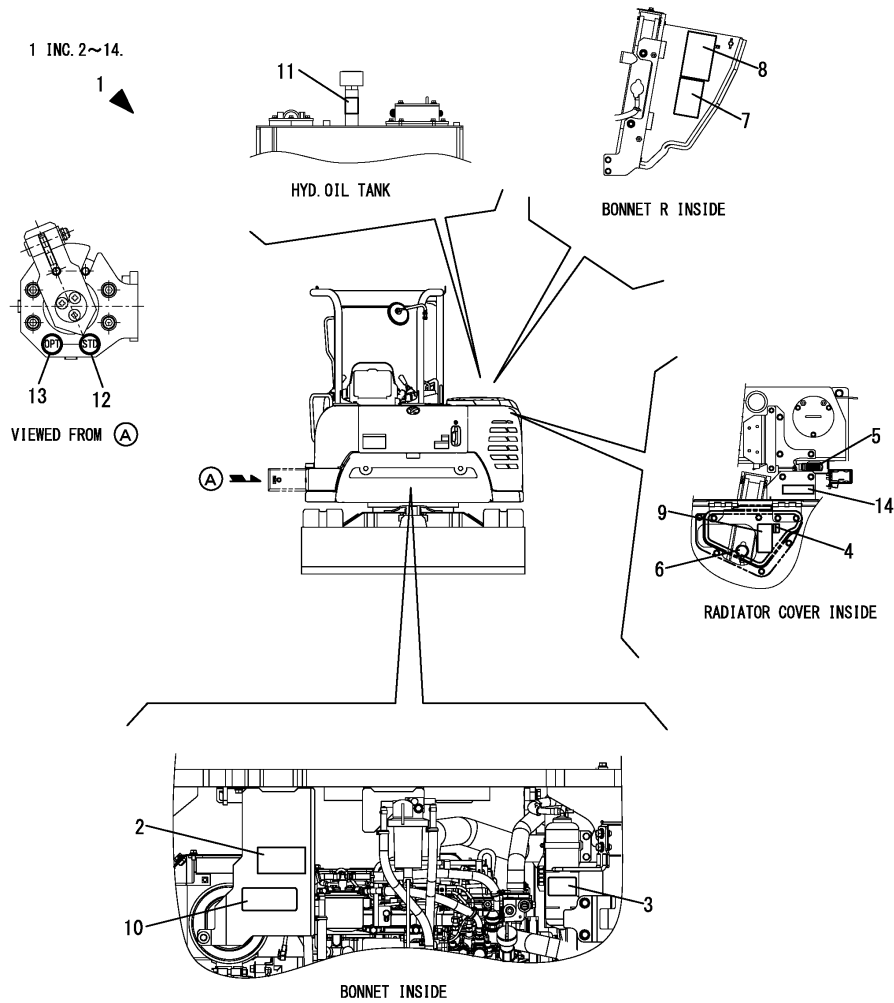
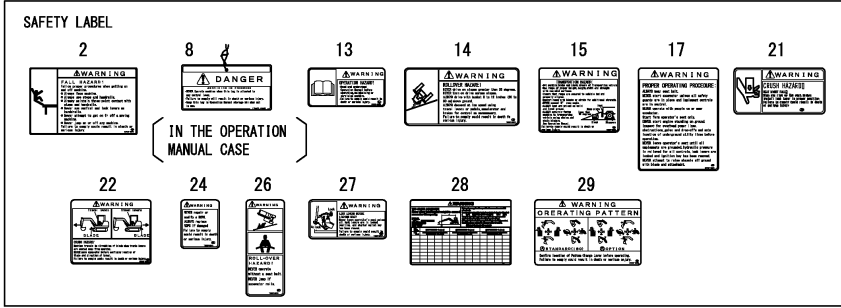
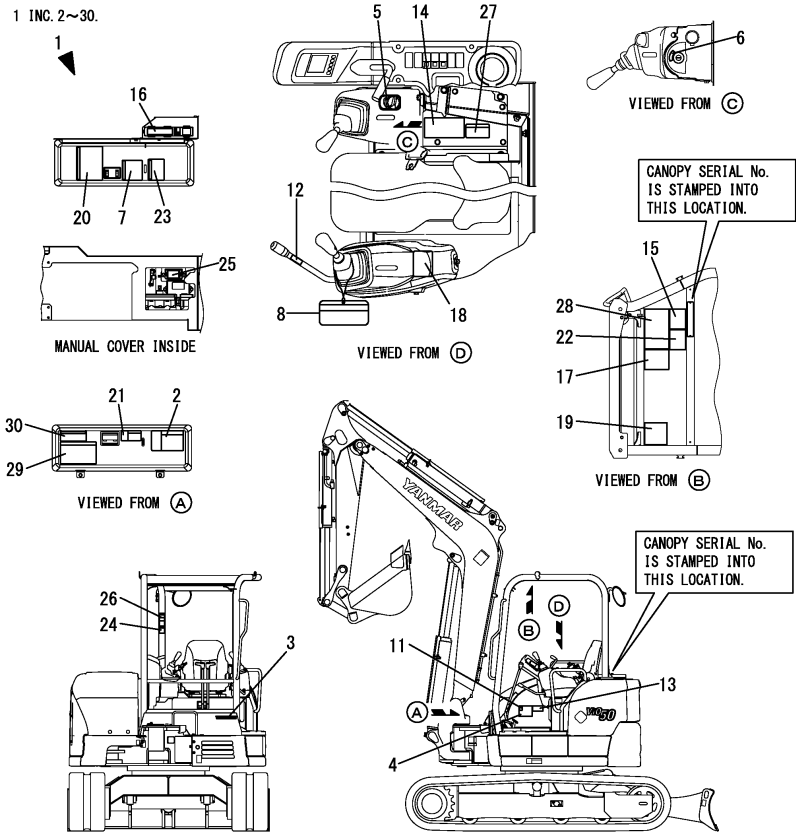


Fig.3. LABEL(CANOPY)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

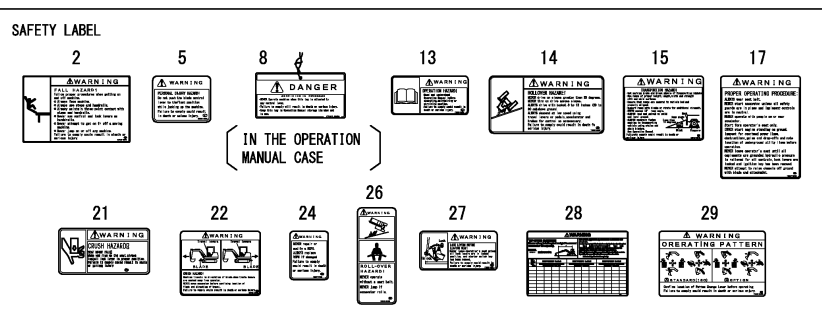
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08450	LABEL SET,4P US 50 D	1							
2	2	172472-03141	LABEL, SUPPORT	1							
3	2	172B16-03180	LABEL,BRANDLOGO 200	1							
4	2	172B03-03200	LABEL, OPERATION	1							
5	2	172A69-03220	LABEL,ACCELERATOR	1							
6	2	172B03-03220	LABEL,SW	1							
7	2	172437-03242	LABEL, CRAWLER	1							1
8	2	172437-03252	TAG ASSY, CAUTION	1							
11	2	172B04-03270	LABEL, PTO SWITCH	1							
12	2	172183-03280	LABEL, LOCK	1							
13	2	172437-03302	LABEL, MANUAL	1							
14	2	172437-03312	LABEL, SLOPE	1							
15	2	172437-03343	LABEL, TRANSPORT	1							
16	2	172B04-03350	LABEL,RELAY BOX STD	1							
17	2	172437-03372	LABEL, NEUTRAL	1							
18	2	172A47-03371	LABEL,PTO EX	1							
19	2	172B04-03370	LABEL, DPF EX	1							
20	2	172B04-03380	LABEL,OIL/WATER US	1							
21	2	172B03-03410	LABEL,SEAT TILT UP	1							
22	2	172437-03432	LABEL, STEERING	1							
23	2	172B04-03430	LABEL,GREASING EX	1							
24	2	172437-03441	LABEL, ROPS	1							
25	2	172B04-03440	LABEL,FUSE BOX US	1							
26	2	172437-03451	LABEL, SEAT BELT	1							
27	2	172437-03471	LABEL, LEVER LOCK	1							
28	2	172B04-03500	LABEL,LIFT EX 50	1							
29	2	172437-03601	LABEL, 2-WAY US	1							
30	2	172B04-04110	LABEL,SPEC US 50	1							

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
* Not applied for angle blade specification.
(1)Rubber crawler specification.

Fig.4. LABEL(CANOPY)(ANGLE BLADE SPEC.)



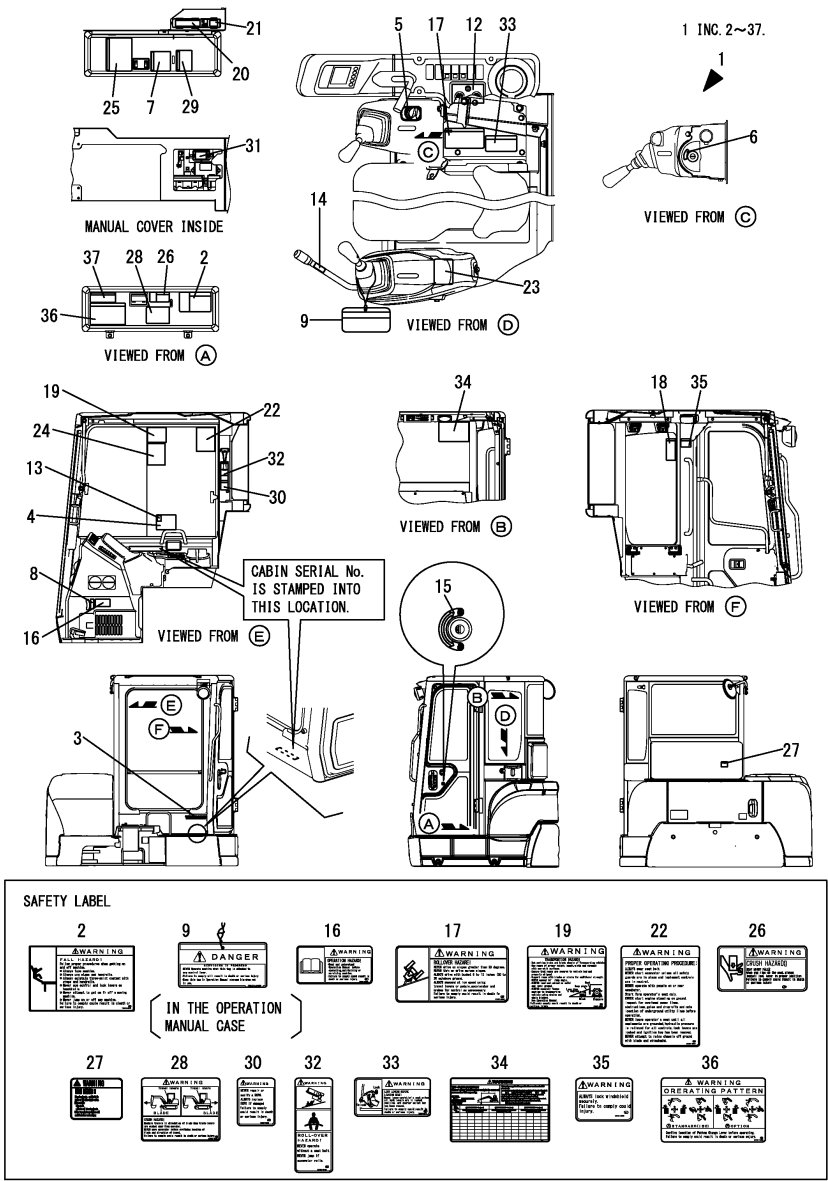
* Exclusive figure for angle blade specification.
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
(1)Rubber crawler specification.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08460	LABEL SET,4PUSANG50D	1							
2	2	172472-03141	LABEL, SUPPORT	1							
3	2	172B16-03180	LABEL,BRANDLOGO 200	1							
4	2	172A69-03220	LABEL,ACCELERATOR	1							
5	2	172A79-03220	LABEL,WARNING ANGLE	1							
6	2	172B03-03220	LABEL,SW	1							
7	2	172437-03242	LABEL, CRAWLER	1							1
8	2	172437-03252	TAG ASSY, CAUTION	1							
11	2	172B04-03270	LABEL, PTO SWITCH	1							
12	2	172183-03280	LABEL, LOCK	1							
13	2	172437-03302	LABEL, MANUAL	1							
14	2	172437-03312	LABEL, SLOPE	1							
15	2	172437-03343	LABEL, TRANSPORT	1							
16	2	172B04-03350	LABEL,RELAY BOX STD	1							
17	2	172437-03372	LABEL, NEUTRAL	1							
18	2	172A47-03371	LABEL,PTO EX	1							
19	2	172B04-03370	LABEL, DPF EX	1							
20	2	172B04-03380	LABEL,OIL/WATER US	1							
21	2	172B03-03410	LABEL,SEAT TILT UP	1							
22	2	172437-03432	LABEL, STEERING	1							
23	2	172B04-03430	LABEL,GREASING EX	1							
24	2	172437-03441	LABEL, ROPS	1							
25	2	172B04-03440	LABEL,FUSE BOX US	1							
26	2	172437-03451	LABEL, SEAT BELT	1							
27	2	172437-03471	LABEL, LEVER LOCK	1							
28	2	172B04-03510	LABEL,LIFT ANGLE 50	1							
29	2	172437-03601	LABEL, 2-WAY US	1							
30	2	172B03-03670	LABEL, OPERATION ANG	1							
31	2	172B04-04070	LABEL,SPEC US A 50	1							

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

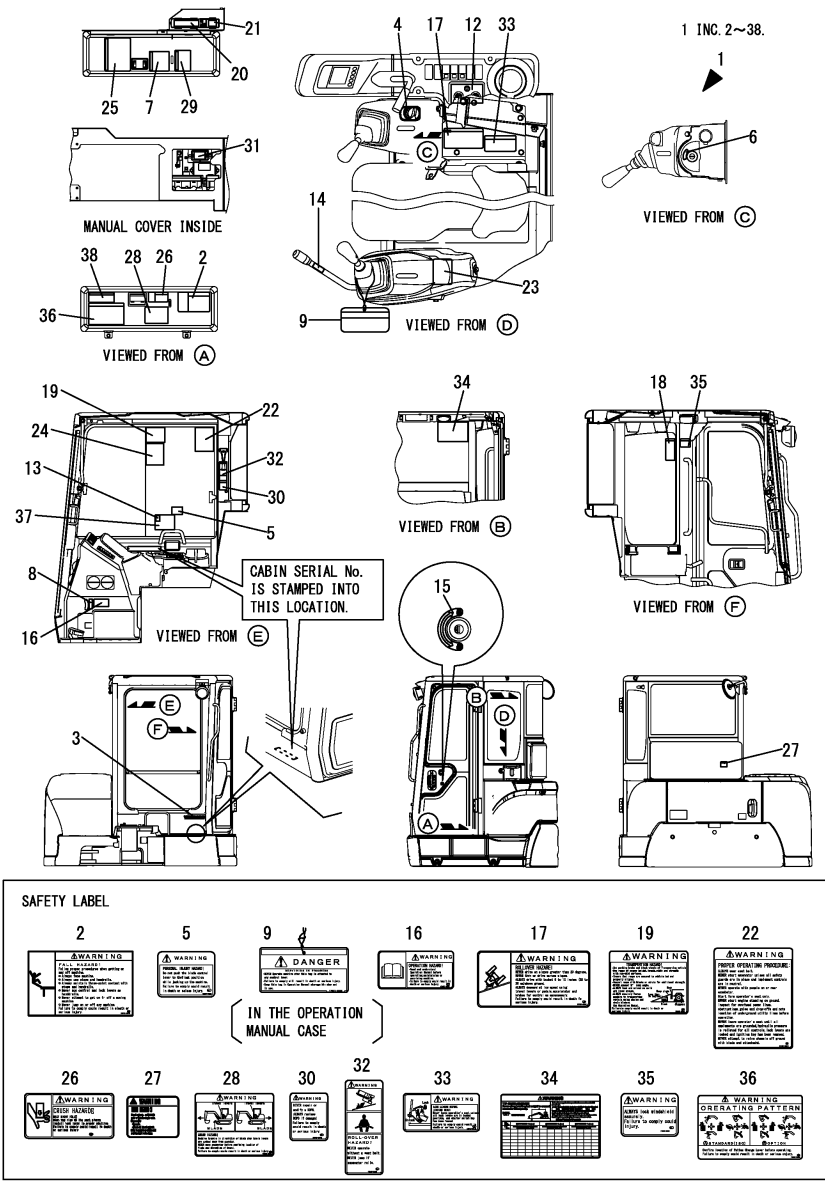
Fig.5. LABEL(CABIN)



Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
* Not applied for angle blade specification.
(1)Rubber crawler specification.
(2)Air Conditioner specification.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08470	LABEL SET,CAB US50 D		1						
2	2	172472-03141	LABEL, SUPPORT		1						
3	2	172B16-03180	LABEL,BRANDLOGO 200		1						
4	2	172B03-03200	LABEL, OPERATION		1						
5	2	172A69-03220	LABEL,ACCELERATOR		1						
6	2	172B03-03220	LABEL,SW		1						
7	2	172437-03242	LABEL, CRAWLER		1						1
8	2	172B03-03240	LABEL,AIR SELECT		1						
9	2	172437-03252	TAG ASSY, CAUTION		1						
12	2	172B03-03250	LABEL,SW A/C		1						2
13	2	172B04-03270	LABEL, PTO SWITCH		1						
14	2	172183-03280	LABEL, LOCK		1						
15	2	172B03-03280	LABEL,DOOR KEY LOCK		1						
16	2	172437-03302	LABEL, MANUAL		1						
17	2	172437-03312	LABEL, SLOPE		1						
18	2	172463-03320	LABEL,F/W LOWER US		1						
19	2	172437-03343	LABEL, TRANSPORT		1						
20	2	172B04-03350	LABEL,RELAY BOX STD		1						
21	2	172B04-03360	LABEL,RELAY BOX OP		1						2
22	2	172437-03372	LABEL, NEUTRAL		1						
23	2	172A47-03371	LABEL,PTO EX		1						
24	2	172B04-03370	LABEL, DPF EX		1						
25	2	172B04-03380	LABEL,OIL/WATER US		1						
26	2	172B03-03410	LABEL,SEAT TILT UP		1						
27	2	172B03-03420	LABEL,WARNING A/C US		1						2
28	2	172437-03432	LABEL, STEERING		1						
29	2	172B04-03430	LABEL,GREASING EX		1						
30	2	172437-03441	LABEL, ROPS		1						
31	2	172B04-03440	LABEL,FUSE BOX US		1						
32	2	172437-03451	LABEL, SEAT BELT		1						
33	2	172437-03471	LABEL, LEVER LOCK		1						
34	2	172B04-03500	LABEL,LIFT EX 50		1						
35	2	172437-03551	LABEL, WINDOW US		1						
36	2	172437-03601	LABEL, 2-WAY US		1						
37	2	172B04-04110	LABEL,SPEC US 50		1						

Fig.6. LABEL(CABIN)(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

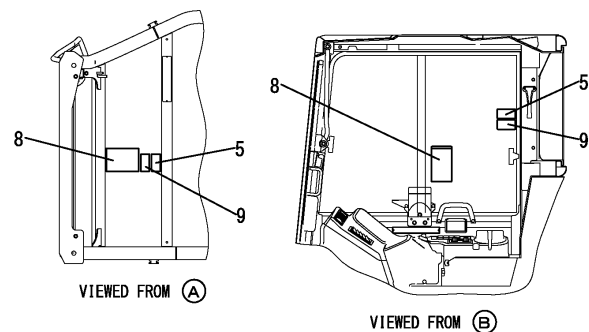
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08480	LABEL SET,CABUSANG50		1						
2	2	172472-03141	LABEL, SUPPORT		1						
3	2	172B16-03180	LABEL,BRANDLOGO 200		1						
4	2	172A69-03220	LABEL,ACCELERATOR		1						
5	2	172A79-03220	LABEL,WARNING ANGLE		1						
6	2	172B03-03220	LABEL,SW		1						
7	2	172437-03242	LABEL, CRAWLER		1						1
8	2	172B03-03240	LABEL,AIR SELECT		1						
9	2	172437-03252	TAG ASSY, CAUTION		1						
12	2	172B03-03250	LABEL,SW A/C		1						2
13	2	172B04-03270	LABEL, PTO SWITCH		1						
14	2	172183-03280	LABEL, LOCK		1						
15	2	172B03-03280	LABEL,DOOR KEY LOCK		1						
16	2	172437-03302	LABEL, MANUAL		1						
17	2	172437-03312	LABEL, SLOPE		1						
18	2	172463-03320	LABEL,F/W LOWER US		1						
19	2	172437-03343	LABEL, TRANSPORT		1						
20	2	172B04-03350	LABEL,RELAY BOX STD		1						
21	2	172B04-03360	LABEL,RELAY BOX OP		1						2
22	2	172437-03372	LABEL, NEUTRAL		1						
23	2	172A47-03371	LABEL,PTO EX		1						
24	2	172B04-03370	LABEL, DPF EX		1						
25	2	172B04-03380	LABEL,OIL/WATER US		1						
26	2	172B03-03410	LABEL,SEAT TILT UP		1						
27	2	172B03-03420	LABEL,WARNING A/C US		1						2
28	2	172437-03432	LABEL, STEERING		1						
29	2	172B04-03430	LABEL,GREASING EX		1						
30	2	172437-03441	LABEL, ROPS		1						
31	2	172B04-03440	LABEL,FUSE BOX US		1						
32	2	172437-03451	LABEL, SEAT BELT		1						
33	2	172437-03471	LABEL, LEVER LOCK		1						
34	2	172B04-03510	LABEL,LIFT ANGLE 50		1						
35	2	172437-03551	LABEL, WINDOW US		1						
36	2	172437-03601	LABEL, 2-WAY US		1						
37	2	172B03-03670	LABEL, OPERATION ANG		1						
38	2	172B04-04070	LABEL,SPEC US A 50		1						

Remarks
* Exclusive figure for angle blade specification.
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
(1)Rubber crawler specification.
(2)Air Conditioner specification.

Fig.7. LABEL(QUICK COUPLER)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08200	LABEL SET,Q EX	1	1						
2	2	172958-03160	LABEL	1	1						
3	2	172472-03230	LABEL, OPERATION	1	1						
4	2	172458-03240	LABEL, LOCK	1	1						
5	2	172472-03241	LABEL, PIN US	1	1						
6	2	172472-03261	LABEL, FINGER	1	1						
7	2	172472-03330	LABEL, LOCK PIN	1	1						
8	2	172B03-04400	LABEL,WARNING HITCH	1	1						
9	2	172B03-04410	LABEL,SAND US	1	1						

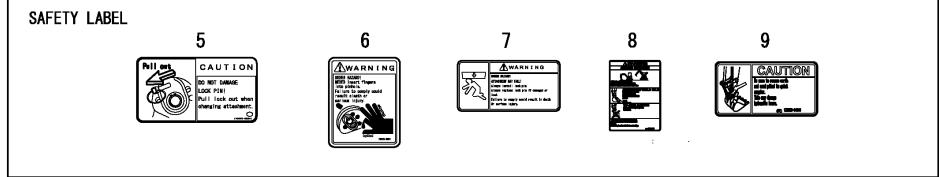
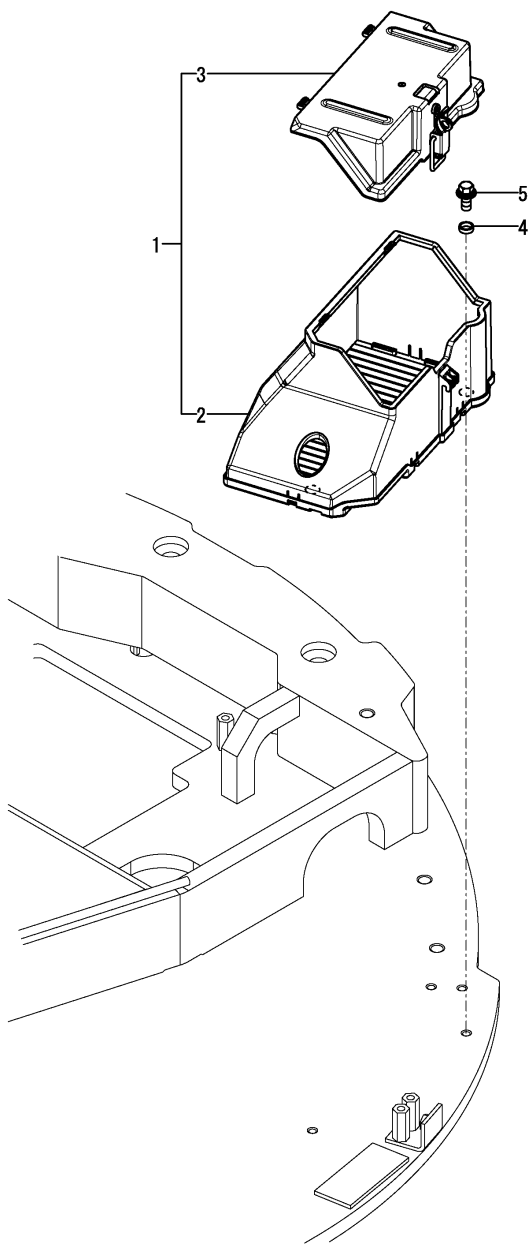


Fig.8. TOOL BOX



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-05400	TOOLBOX ASSY	1	1						
2	2	172B03-05500	TOOLBOX ASSY,FRAME	1	1						
3	2	172B03-05600	TOOLBOX ASSY,COVER	1	1						
4	1	172A47-65550	COLLAR	2	2						
5	1	26014-100252	BOLT, M10X 25	2	2						

Fig.9. MUFFLER

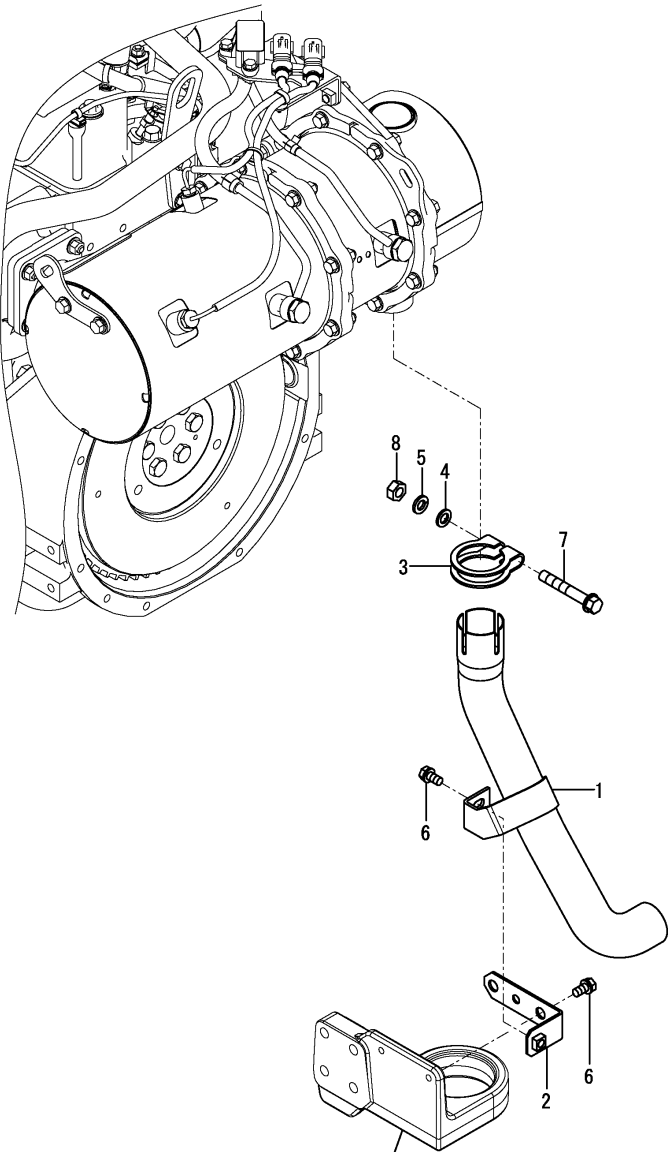


Fig. 13, 14

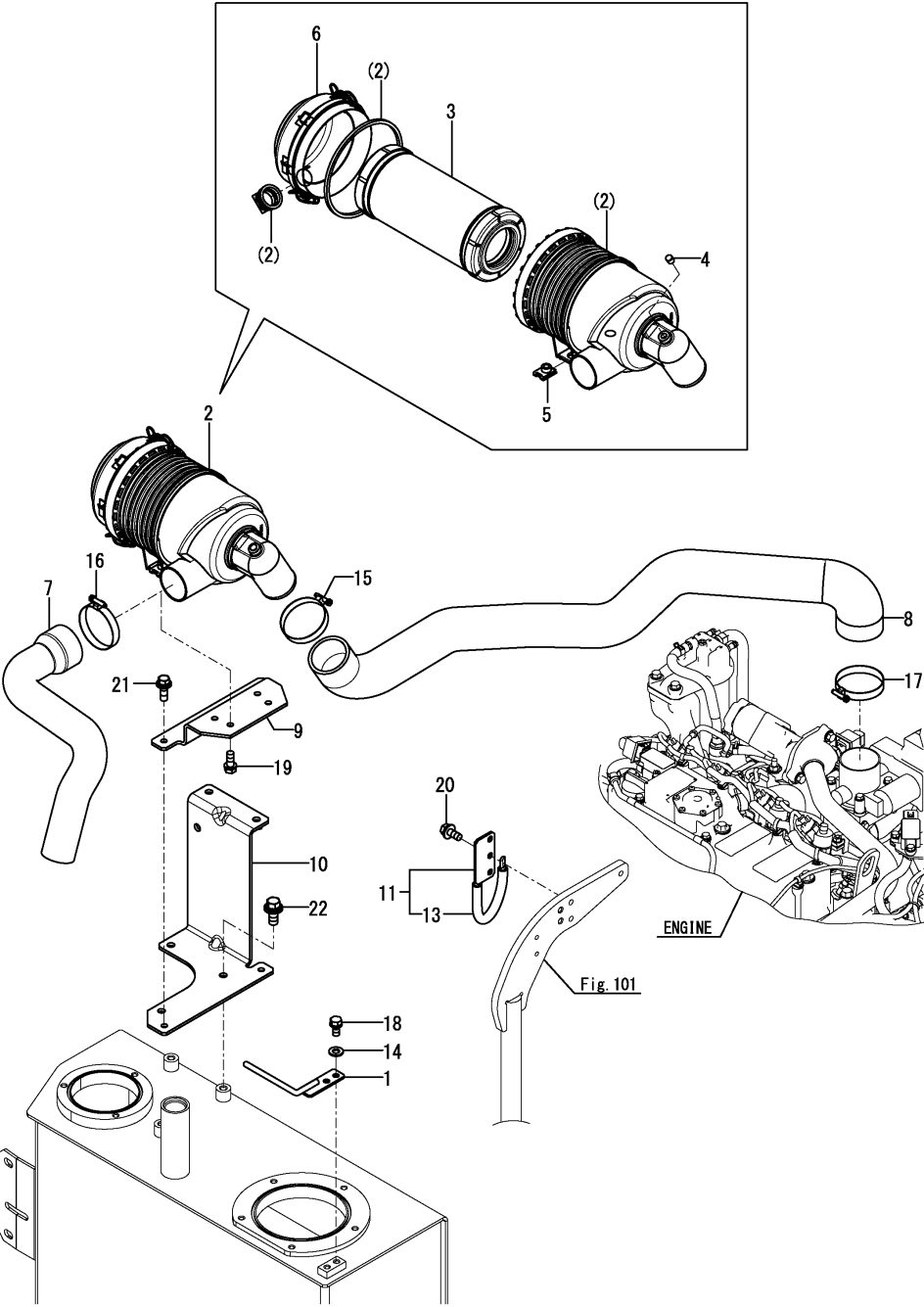
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-11310	PIPE ASSY, EXHAUST C	1	1						
2	1	172B04-11382	BRACKET ASSY,EXHAUST	1	1						
3	1	121120-13580	CLAMP	1	1						
4	1	22117-100000	WASHER, 10	1	1						
5	1	22217-100000	WASHER, SPRING 10	1	1						
6	1	26014-080202	BOLT, M8X 20	3	3						
7	1	26106-100652	BOLT, M10X 65 PLATED	1	1						
8	1	26706-100002	NUT, M10	1	1						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

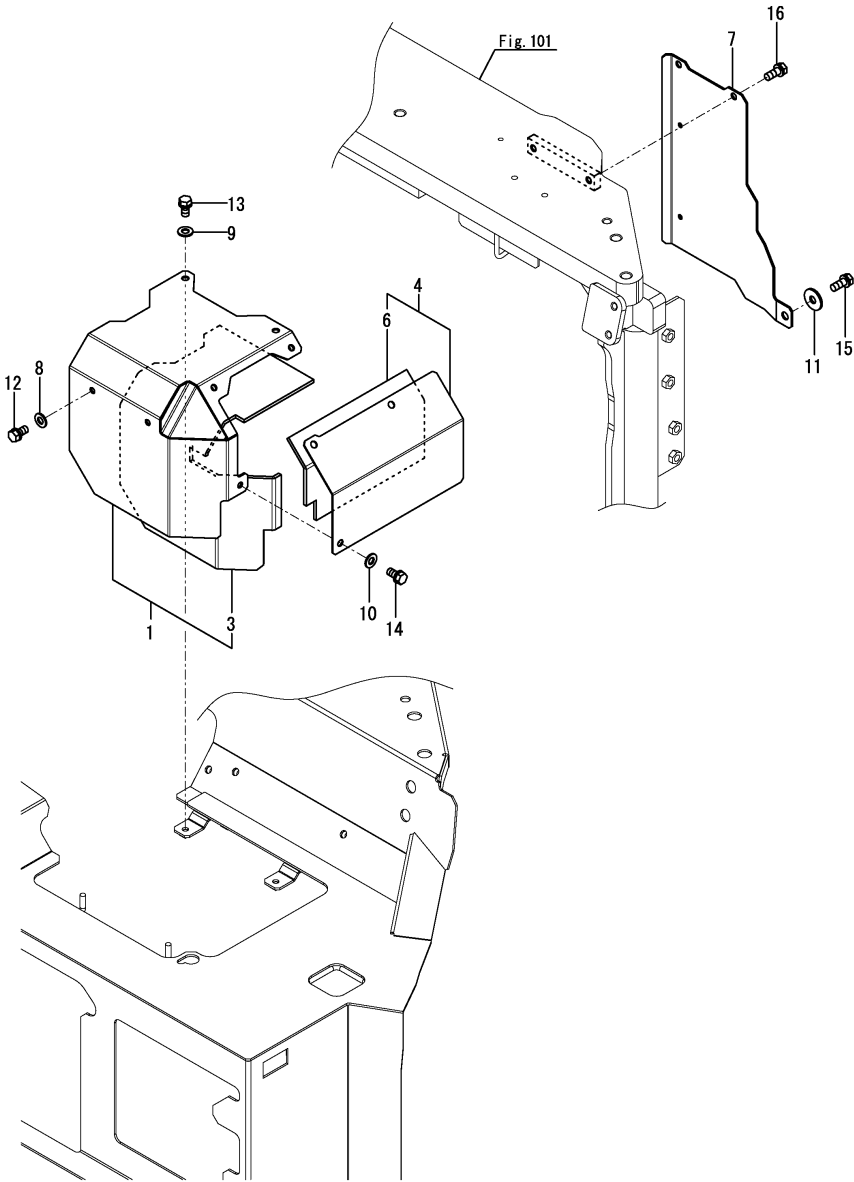
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-11450	GUIDE ASSY, HOSE B	1	1						
2	1	172B04-11500	AIR CLEANER ASSY	1	1						
3	2	1A8240-05110	ELEMENT ASSY, OUTER	1	1						
4	2	172B03-11560	PLUG	1	1						
5	2	172B03-11571	NUT,AIR CLEANER	2	2						
6	2	172B04-11570	COVER ASSY,AIRCLEANE	1	1						
7	1	172B04-11510	HOSE, AIRCLEANER A-C	1	1						
8	1	172B04-11520	HOSE, AIR CLEANER B	1	1						
9	1	172B04-11561	BRACKET, AIR CLEANER	1	1						
10	1	172B04-11580	BRACKET ASSY, A/C B	1	1						
11	1	172B04-11901	GUIDE ASSY,HOSE A	1	1						
13	2	172B04-11940	HOSE,9X190	1	1						
14	1	22137-080000	WASHER, 8	2	2						
15	1	23000-070000	CLAMP, 70	1	1						
16	1	23000-070000	CLAMP, 70	1	1						
17	1	23000-080000	CLAMP, 80	1	1						
18	1	26013-080162	BOLT, M8X 16	2	2						
19	1	26013-080202	BOLT, M8X 20	2	2						
20	1	26014-080202	BOLT, M8X 20	2	2						
21	1	26014-080252	BOLT, M8X 25	2	2						
22	1	26014-100252	BOLT, M10X 25	3	3						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

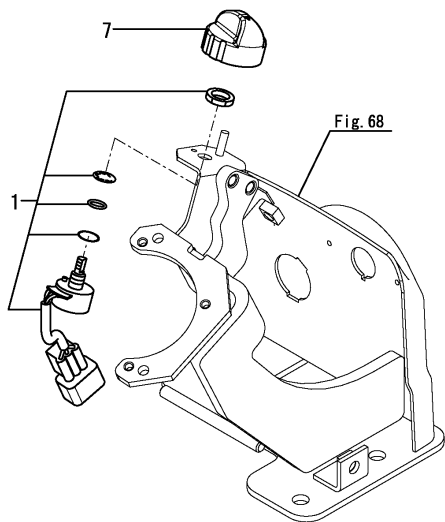
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-11601	COVER ASSY,MUFFLER A	1	1						
3	2	172B04-11651	SHEET,INSULATION A	1	1						
4	1	172B04-11660	COVER ASSY,MUFFLER B	1	1						
6	2	172B04-11680	SHEET,INSULATION B	1	1						
7	1	172B04-11710	COVER MUFFLER C	1	1						1
7A	1	172B03-03390	LABEL,SILENCER EX	1	1						2
8	1	22137-080000	WASHER, 8	2	2						
9	1	22137-080000	WASHER, 8	2	2						
10	1	22137-080000	WASHER, 8	3	3						
11	1	22157-080000	WASHER, 8	1	1						
12	1	26013-080162	BOLT, M8X 16	2	2						
13	1	26013-080162	BOLT, M8X 16	2	2						
14	1	26013-080162	BOLT, M8X 16	3	3						
15	1	26013-080202	BOLT, M8X 20	1	1						
16	1	26013-080202	BOLT, M8X 20	2	2						

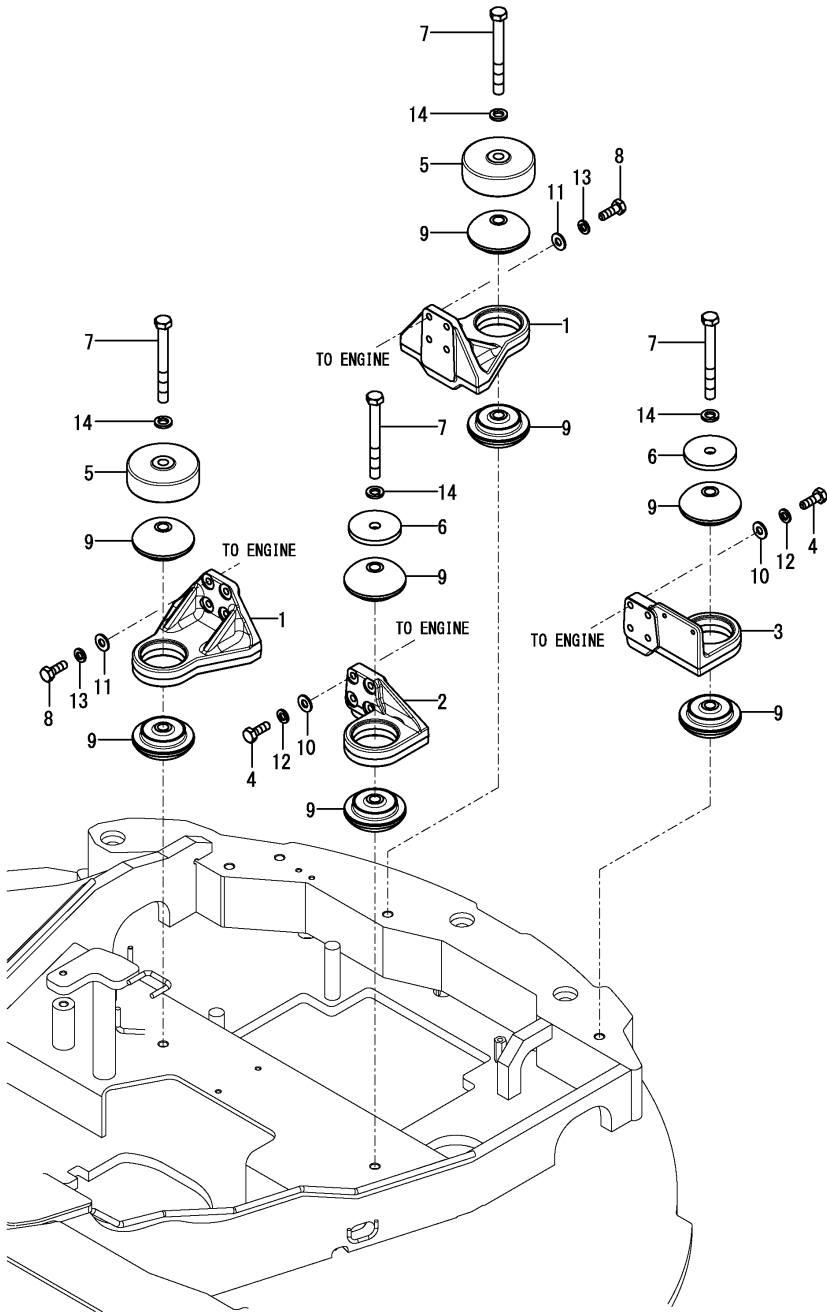
Remarks
(1)Attach the No.7A label to this part.
(2)Label is not illustrated.

Fig.12. ACCELERATOR

[illegible]

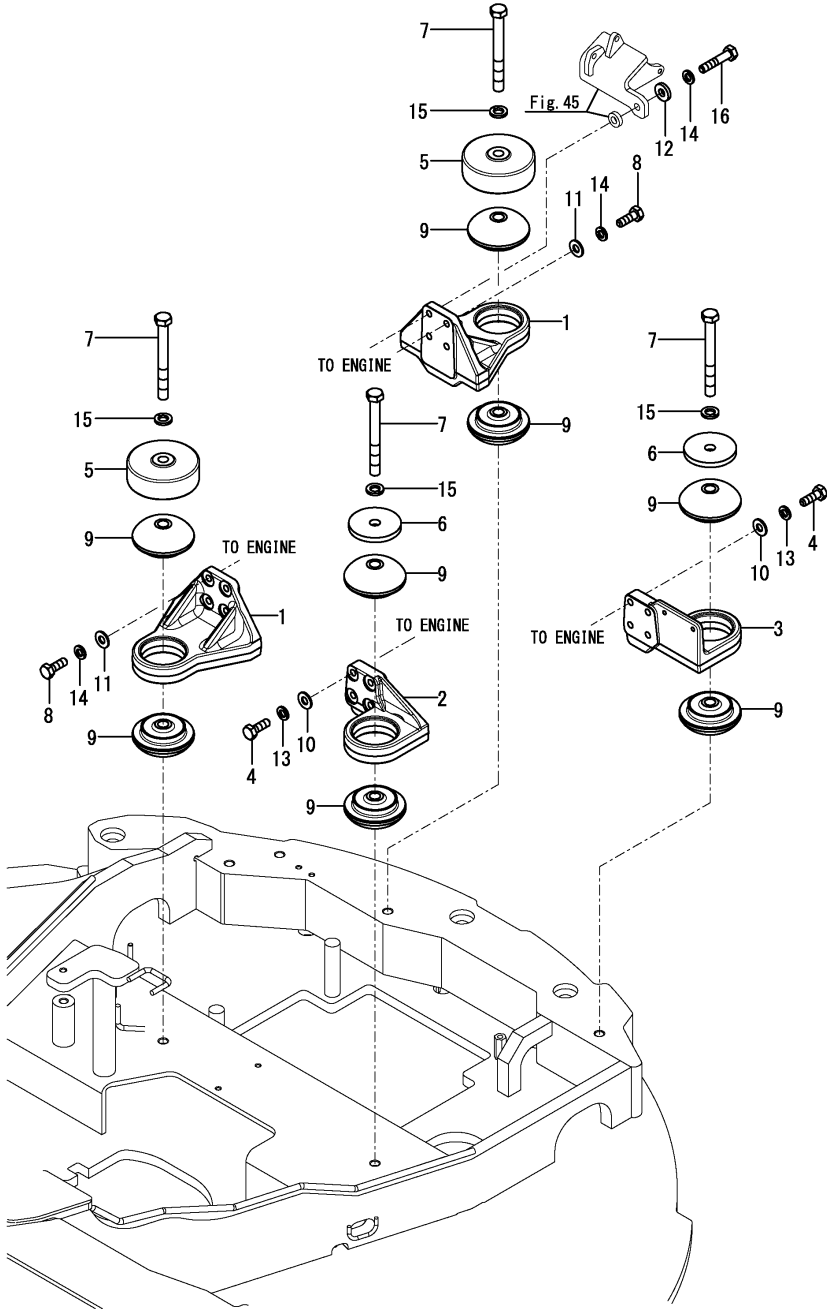
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-13110	MOUNT, ENGINE RR	2	2						
2	1	172B04-13120	MOUNT, ENGINE LF	1	1						
3	1	172B04-13130	MOUNT, ENGINE LR	1	1						
4	1	172461-13140	BOLT	8	8						
5	1	172A69-13150	STOPPER	2	2						
6	1	172162-13170	WASHER	2	2						
7	1	172162-13190	BOLT	4	4						
8	1	172162-13200	BOLT	8	8						
9	1	172165-13270	MOUNT, ENGINE	8	8						
10	1	172137-46042	SEAT, SPRING	8	8						
11	1	172137-46042	SEAT, SPRING	8	8						
12	1	22217-100000	WASHER, SPRING 10	8	8						
13	1	22217-100000	WASHER, SPRING 10	8	8						
14	1	22217-160000	WASHER, SPRING 16	4	4						

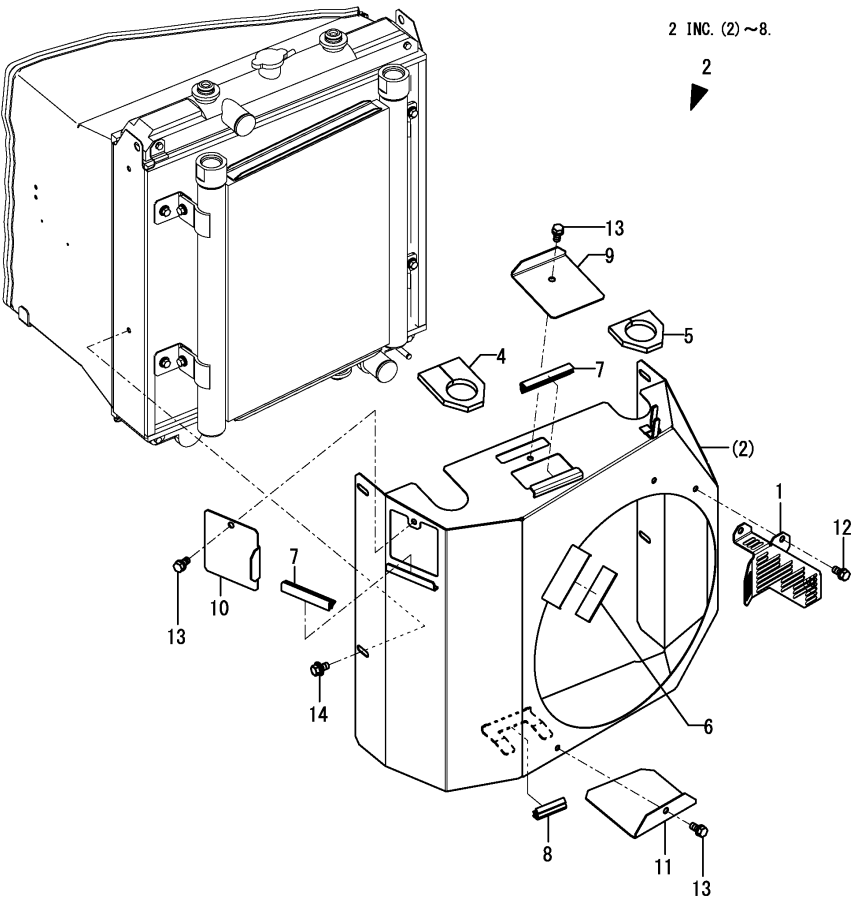
Fig.14. ENGINE MOUNT(AIR CONDITIONER SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-13110	MOUNT, ENGINE RR		2						
2	1	172B04-13120	MOUNT, ENGINE LF		1						
3	1	172B04-13130	MOUNT, ENGINE LR		1						
4	1	172461-13140	BOLT		8						
5	1	172A69-13150	STOPPER		2						
6	1	172162-13170	WASHER		2						
7	1	172162-13190	BOLT		4						
8	1	172162-13200	BOLT		7						
9	1	172165-13270	MOUNT, ENGINE		8						
10	1	172137-46042	SEAT, SPRING		8						
11	1	172137-46042	SEAT, SPRING		7						
12	1	172A79-72570	WASHER		1						
13	1	22217-100000	WASHER, SPRING 10		8						
14	1	22217-100000	WASHER, SPRING 10		8						
15	1	22217-160000	WASHER, SPRING 16		4						
16	1	26076-100502	BOLT, 10.910X 50		1						



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

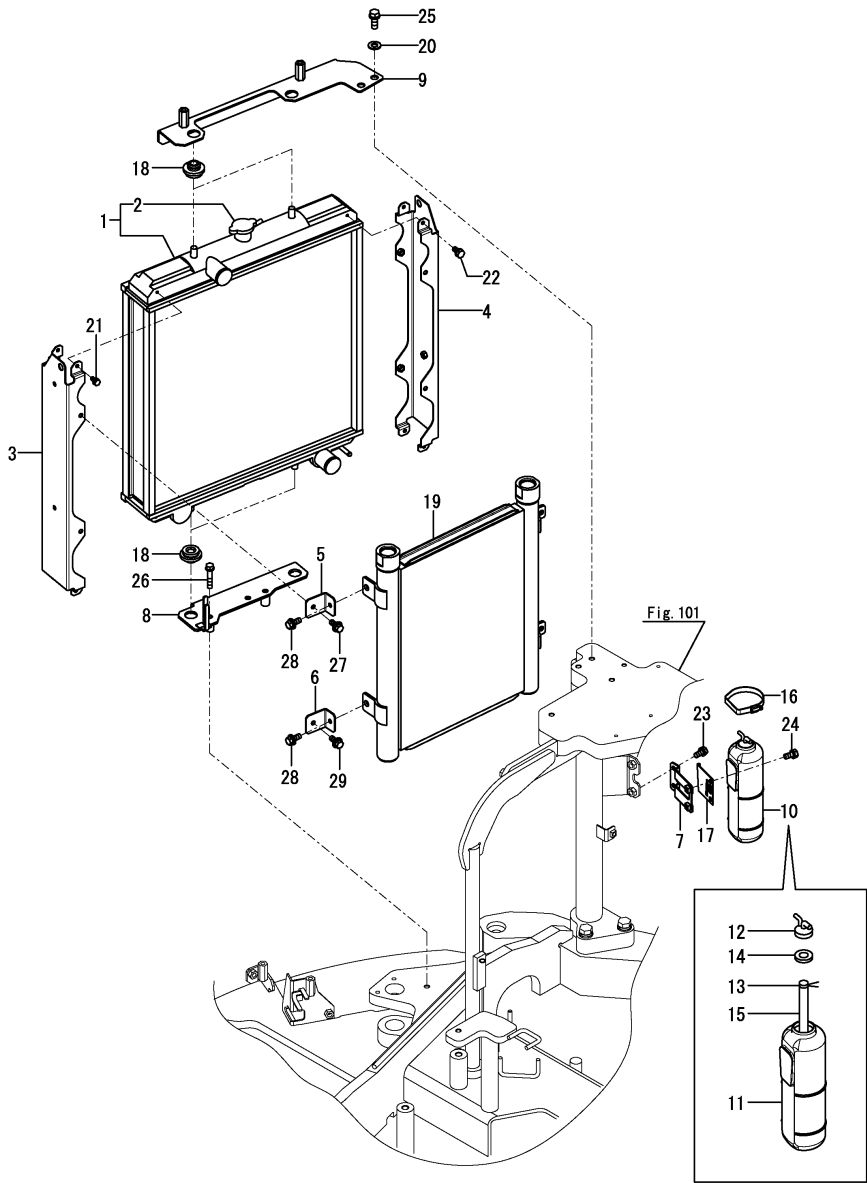
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-13480	GUARD,FAN	1	1						
2	1	172B04-13500	SHROUD ASSY	1	1						
4	2	172A89-13550	SPONGE	1	1						
5	2	172A89-13560	SPONGE	1	1						
6	2	172447-14330	RUBBER PLATE-B,FUEL	1	1						
7	2	172456-61480	RUBBER, SEAL 95	2	2						
8	2	172458-61510	RUBBER, SEAL	1	1						
9	1	172B04-13900	COVER, A SHROUD	1	1						
10	1	172B04-13910	COVER, B SHROUD	1	1						
11	1	172B04-13920	COVER, C SHROUD	1	1						
12	1	26013-080162	BOLT, M8X 16	2	2						
13	1	26013-080162	BOLT, M8X 16	3	3						
14	1	26014-080162	BOLT, M8X 16	4	4						

Fig.16. RADIATOR & SUB TANK

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-13310	RADIATOR SUB ASSY	1	1						
2	2	129107-44590	CAP, RADIATOR	1	1						
3	1	172B04-13330	SUPPORT ASSY, RAD	1	1						
4	1	172B04-13330	SUPPORT ASSY, RAD	1	1						
5	1	172B04-13350	BRACKET ASSY, OC	1	1						
6	1	172B04-13350	BRACKET ASSY, OC	1	1						
7	1	172B04-13380	BRACKET ASSY, S TANK	1	1						
8	1	172B04-13410	BRACKET ASSY, L RAD	1	1						
9	1	172B04-13450	BRACKET ASSY, U RAD	1	1						
10	1	171064-44510	TANK ASSY, SUB	1	1						1
11	2	171064-44520	BODY, SUB-TANK	1	1						
12	2	121450-44531	CAP	1	1						
13	2	124450-44560	CLAMP, HOSE	1	1						
14	2	121470-44581	GASKET	1	1						
15	2	23065-070225	HOSE 7X 225	1	1						
15A	1	172A38-03201	LABEL, SUB TANK	1	1						2
16	1	124450-44550	BAND, SUB-TANK	1	1						
17	1	121256-44600	BRACKET, SUB TANK	1	1						
18	1	184015-44680	CUSHION, RADIATOR	4	4						
19	1	172B04-74800	COOLER ASSY, OIL	1	1						
20	1	22137-100000	WASHER, 10	2	2						
21	1	26013-060122	BOLT, M6X 12	4	4						
22	1	26013-060122	BOLT, M6X 12	4	4						
23	1	26013-080162	BOLT, M8X 16	2	2						
24	1	26013-080162	BOLT, M8X 16	2	2						
25	1	26013-100252	BOLT, M10X 25	2	2						
26	1	26013-100502	BOLT, M10X 50	2	2						
27	1	26014-080202	BOLT, M8X 20	1	1						
28	1	26014-080202	BOLT, M8X 20	4	4						
29	1	26014-080202	BOLT, M8X 20	1	1						

Remarks
(1)Attach the No.15A label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-13020	HOSE, CW-T A	1	1						
2	1	172B04-13040	CLIP, TREE	1	1						
3	1	172B04-13050	HOSE, CW-T B	1	1						
4	1	172444-13210	COCK ASSY, 2-WAY	1	1						
5	2	172444-13220	BODY	1	1						
6	2	121250-49121	PLUG, DRAIN M14	1	1						
7	2	24311-000160	O-RING, 1AP16.0	1	1						
8	1	172A47-14220	HOSE ASSY,FO 1360	1	1						
12	1	124766-59050	CLAMP, HOSE 11.5	2	2						
13	1	124766-59050	CLAMP, HOSE 11.5	2	2						
14	1	184014-59450	PIPE ASSY, FUEL	1	1						
18	1	172B04-76780	ELBOW, 90 G1-25	1	1						
19	2	172A65-76790	O-RING	1	1						
20	1	172B04-76900	ELBOW, 90 G1-19	1	1						
21	2	172A65-76790	O-RING	1	1						
22	1	172122-79930	CLAMP, HOSE	1	1						
23	1	23001-041000	CLAMP, HOSE 41	1	1						
24	1	23001-048000	CLAMP, HOSE 48	2	2						
25	1	23001-048000	CLAMP, HOSE 48	1	1						
26	1	26013-080252	BOLT, M8X 25	2	2						

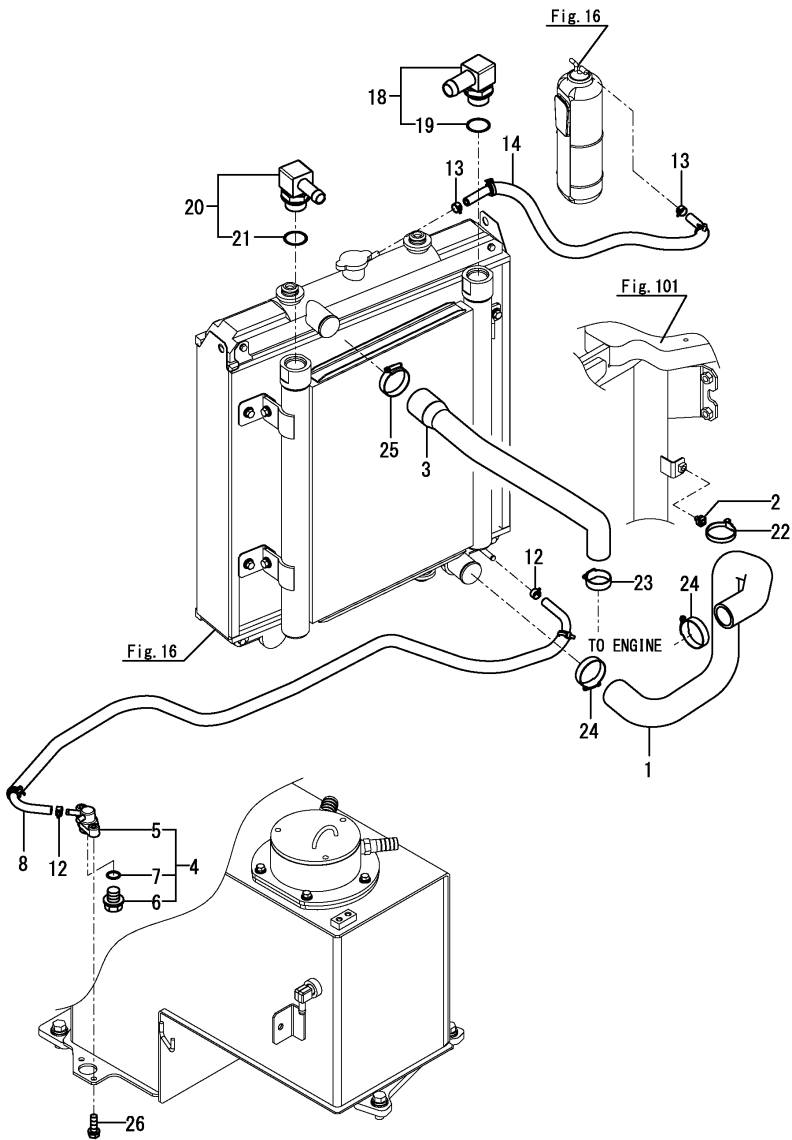
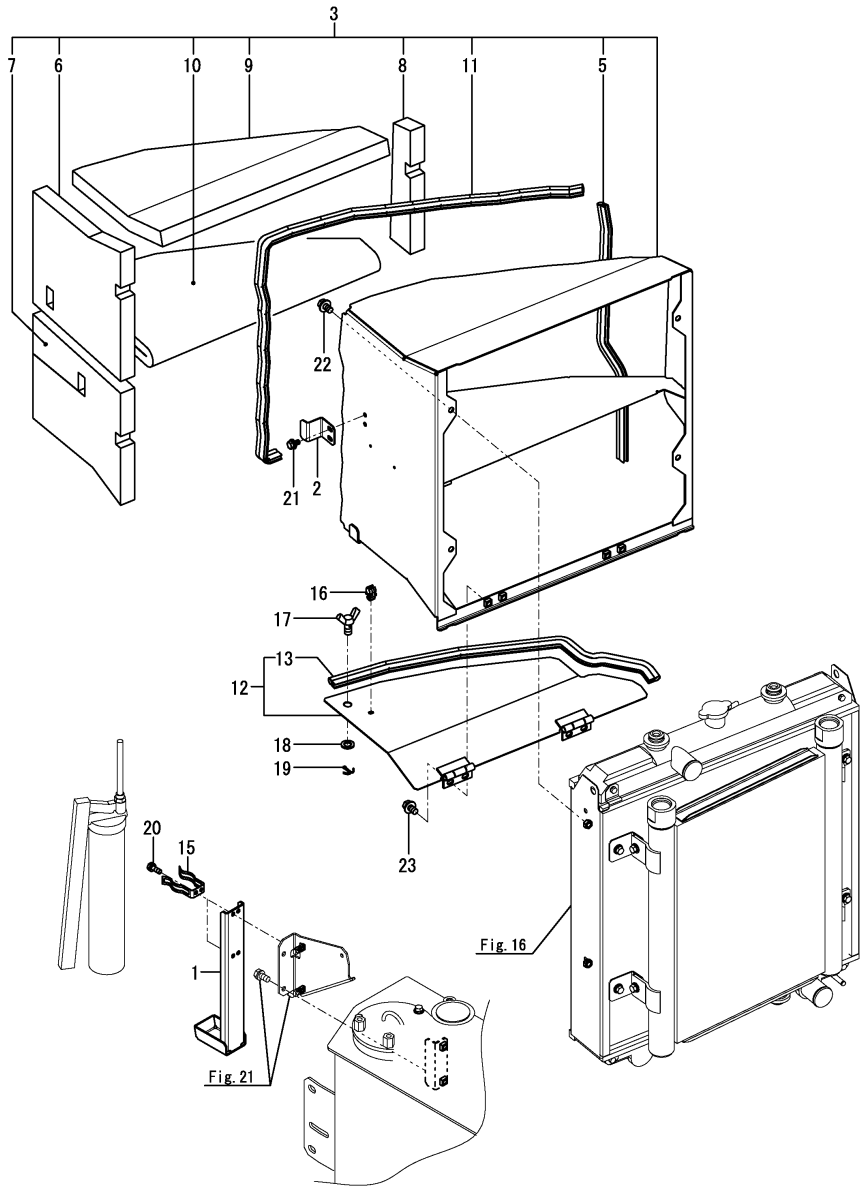


Fig.18. DUCT



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

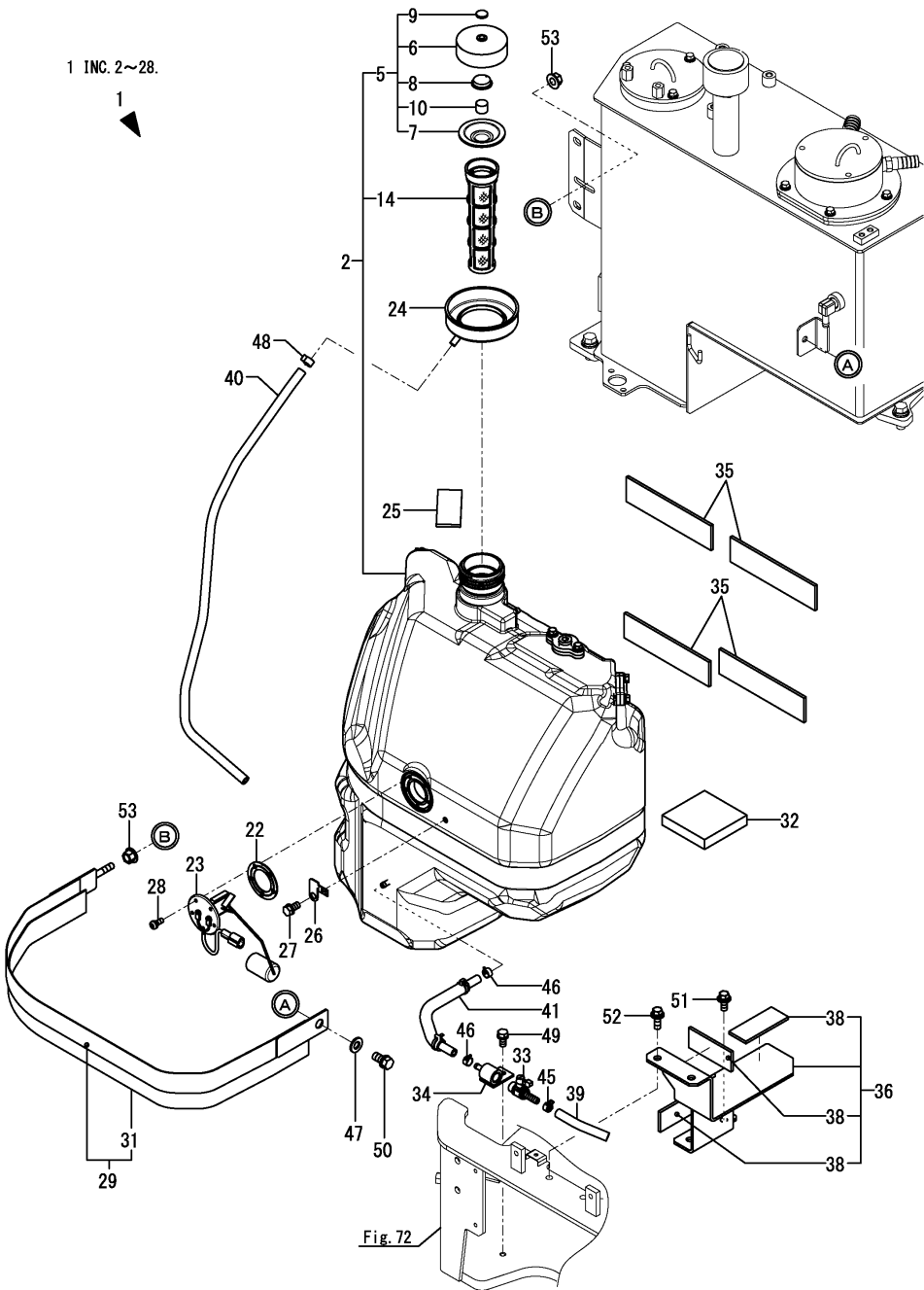
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-05200	HOLDER ASSY, GREASE	1	1						
2	1	172B04-05260	PLATE, GREASE GUN	1	1						
3	1	172B04-13601	DUCT ASSY, RADIATOR	1	1						
5	2	172A69-13690	SEAL	1	1						
6	2	172B04-13720	SPONGE, A DUCT	1	1						
7	2	172B04-13730	SPONGE, B DUCT	1	1						
8	2	172B04-13740	SPONGE, C DUCT	1	1						
9	2	172B04-13750	SPONGE, D DUCT	1	1						
10	2	172B04-13760	SPONGE, E DUCT	1	1						
11	2	172B04-13780	SEAL, 1095	1	1						
12	1	172B04-13800	COVER ASSY, DUCT	1	1						1
13	2	172A69-13680	SEAL	1	1						
14A	1	172A69-03350	LABEL,BATTERY COVER	1	1						2
14B	1	172437-03361	LABEL, BATTERY	1	1						2
15	1	172122-55061	BRACKET, PUMP	2	2						
16	1	1A7400-61250	HOLDER, ROD 8	1	1						
17	1	172142-62301	BOLT, WING	1	1						
18	1	22117-100000	WASHER, 10	1	1						
19	1	22417-250200	PIN, COTTER 2.5X20	1	1						
20	1	26013-060162	BOLT, M6X 16	4	4						
21	1	26014-060122	BOLT, M6X 12	2	2						
22	1	26014-080162	BOLT, M8X 16	4	4						
23	1	26014-080162	BOLT, M8X 16	4	4						

Remarks

- (1)Attach the No.14A & 14B label to this part.
(2)Label is not illustrated.

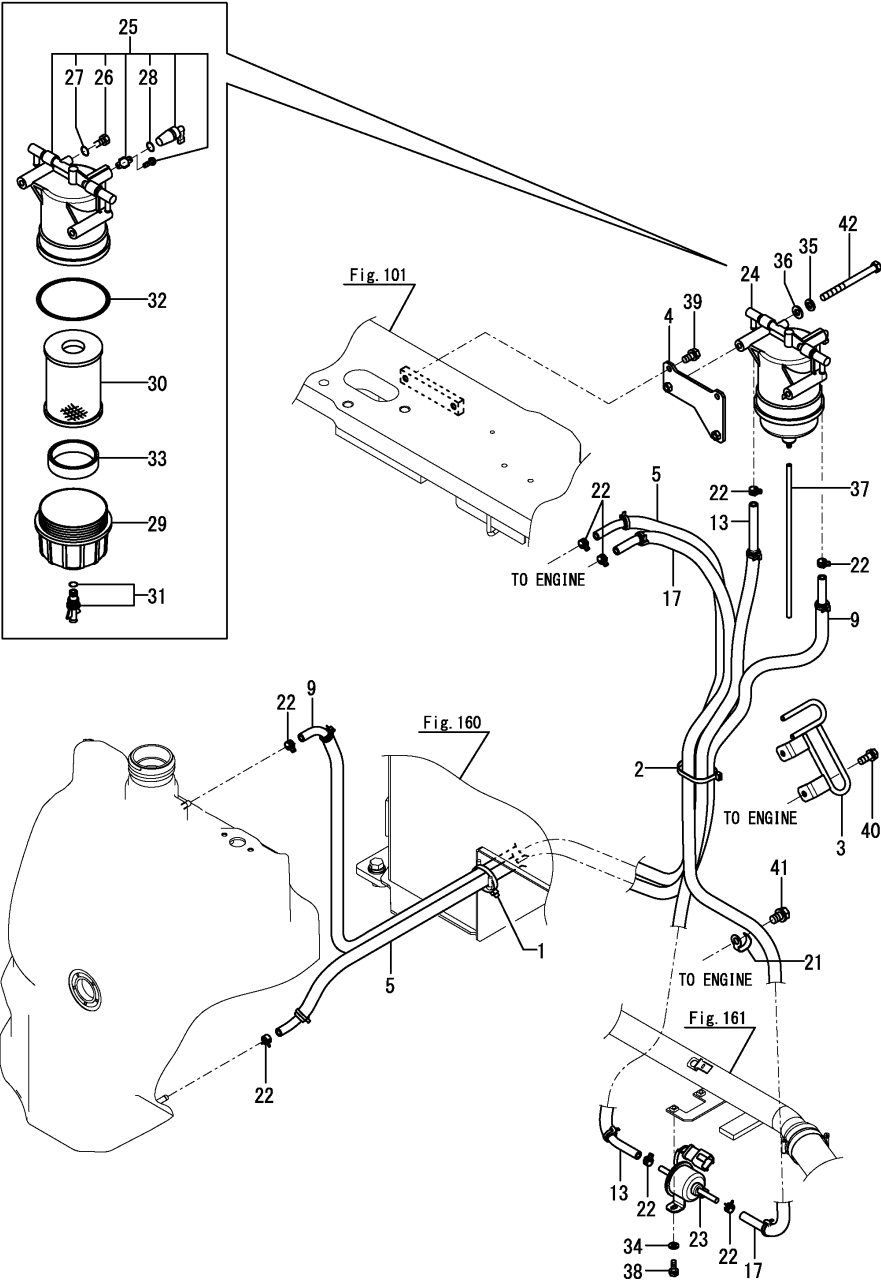
Fig.19. FUEL TANK



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

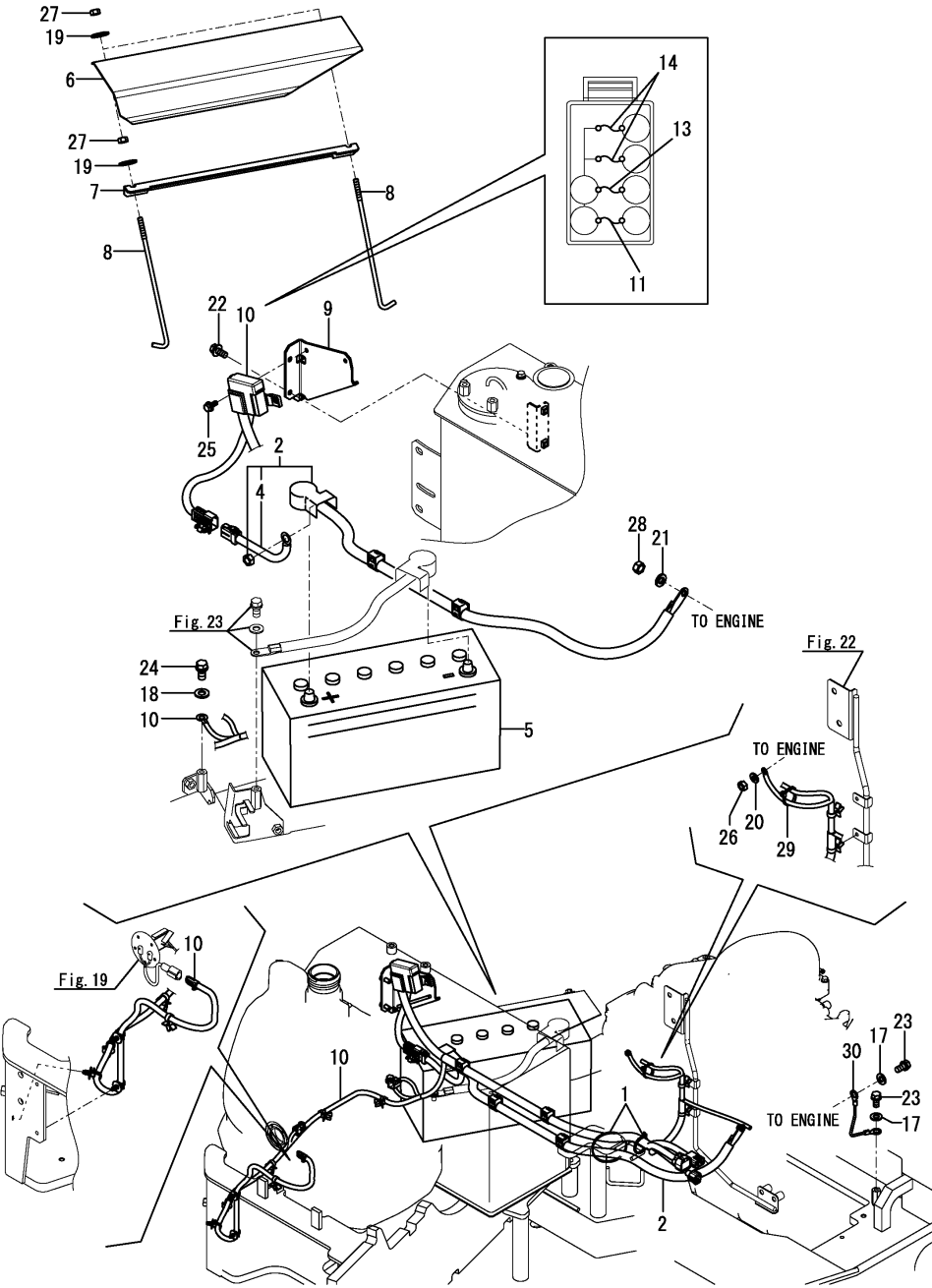
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08390	TANK KIT,FUEL	1	1						
2	2	172B04-14110	TANK ASSY, FUEL OIL	1	1						
5	3	172444-14200	CAP, FUEL	1	1						
6	4	172444-14450	CAP	1	1						
7	4	172444-14460	PACKING, RUBBER	1	1						
8	4	172444-14470	PACKING, RUBBER	1	1						
9	4	172444-14480	WASHER	1	1						
10	4	172444-14490	SPONGE	1	1						
14	3	172B03-14250	STRAINER	1	1						
22	2	172162-14200	GASKET	1	1						
23	2	172B04-14220	GAUGE, FUEL	1	1						
24	2	172458-14370	SUMP, FUEL	1	1						
25	2	172B04-14420	RUBBER,A FO.STAY	1	1						
26	2	172A69-16700	BRACKET	1	1						
27	2	26013-080162	BOLT, M8X 16	1	1						
28	2	26022-050122	SCREW, M5X12	5	5						
29	1	172B04-14150	CLAMP ASSY, FO	1	1						
31	2	172B04-14200	RUBBER, CLAMP	1	1						
32	1	172B04-14210	RUBBER,FO TANK	1	1						
33	1	172A69-14230	VALVE, FUEL DRAIN	1	1						
34	1	172B03-14271	JOINT ASSY, DRAIN	1	1						
35	1	172458-14340	PLATE, RUBBER	4	4						
36	1	172B04-14400	STAY ASSY,FO STAY	1	1						
38	2	172B04-14420	RUBBER,A FO.STAY	3	3						
39	1	172444-14410	HOSE, DRAIN	1	1						
40	1	172A47-14520	HOSE	1	1						
41	1	172B04-14950	HOSE ASSY,240	1	1						
45	1	106990-44660	CLAMP, HOSE 12.5	1	1						
46	1	124766-59050	CLAMP, HOSE 11.5	2	2						
47	1	22137-100000	WASHER, 10	1	1						
48	1	23080-013000	CLAMP, 13	1	1						
49	1	26013-080162	BOLT, M8X 16	1	1						
50	1	26013-100202	BOLT, M10X 20	1	1						
51	1	26014-100252	BOLT, M10X 25	2	2						
52	1	26014-100302	BOLT, M10X 30	2	2						
53	1	26367-100002	NUT, M10	2	2						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1						
2	1	172126-11510	BAND	1	1						
3	1	172B04-14260	GUIDE ASSY, FO HOSE	1	1						
4	1	172B04-14600	BRACKET ASSY, WS	1	1						
5	1	172B04-14650	HOSE ASSY,FO 2530 CR	1	1						
9	1	172B04-14700	HOSE ASSY,FO 2140 CR	1	1						
13	1	172B11-14700	HOSE ASSY, 850	1	1						
17	1	172B04-14750	HOSE ASSY,FO 1180 CR	1	1						
21	1	172126-16540	CLAMP	1	1						
22	1	106990-44660	CLAMP, HOSE 12.5	8	8						
23	1	129612-52100	PUMP, FUEL FEED	1	1						
24	1	129E22-55700	FILTER ASSY, FUEL	1	1						
25	2	129E00-55710	BODY ASSY	1	1						
26	3	129A00-55751	PLUG, AIR VENT	1	1						
27	3	129A00-55760	O-RING	1	1						
28	3	24311-000110	O-RING, 1AP11.0	1	1						
29	2	129A00-55720	CUP(CLEAR	1	1						
30	2	129A00-55730	ELEMENT	1	1						
31	2	129242-55740	PLUG, DRAIN	1	1						
32	2	129A00-55740	O-RING	1	1						
33	2	129A00-55770	FLOAT	1	1						
34	1	22137-060000	WASHER, 6	2	2						
35	1	22137-080000	WASHER, 8	2	2						
36	1	22217-080000	WASHER, SPRING 8	2	2						
37	1	23061-050300	PIPE, 5X 300	1	1						
38	1	26013-060162	BOLT, M6X 16	2	2						
39	1	26013-080162	BOLT, M8X 16	2	2						
40	1	26013-080202	BOLT, M8X 20	2	2						
41	1	26013-100162	BOLT, M10X 16	1	1						
42	1	26116-080952	BOLT, M8X 95 PLATED	2	2						

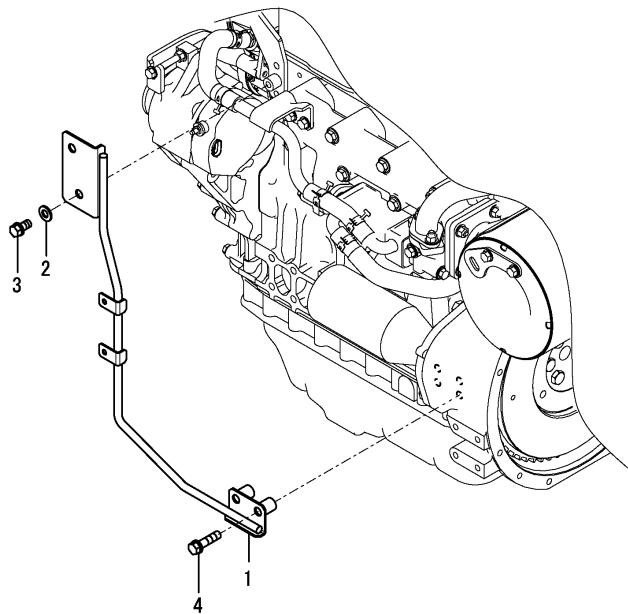
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

(D)=
(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	1	172B04-16100	CABLE ASSY,BATTERY +	1	1						
4	2	172B04-16110	HARNESS, BATTERY SLO	1	1						
5	1	172187-16150	BATTERY	1	1						
6	1	172B04-16180	COVER,BATTERY CR	1	1						
7	1	172112-16201	RETAINER, BATTERY	1	1						
8	1	172164-16370	ROD	2	2						
9	1	172B04-16380	BRACKET ASSY, FUSE	1	1						
10	1	172B04-16501	HARNESS ASSY,POWERS	1	1						
11	2	1C6900-06180	FUSE, SLOW BLOW 80A	1	1						
13	2	1A7611-52720	FUSE, 100A SLOW BLOW	1	1						
14	2	1A7000-52820	FUSE, SLOW BLOW 60A	2	2						
17	1	22137-100000	WASHER, 10	2	2						
18	1	22137-100000	WASHER, 10	1	1						
19	1	22157-080000	WASHER, 8	4	4						
20	1	22217-060000	WASHER, SPRING 6	1	1						
21	1	22217-080000	WASHER, SPRING 8	1	1						
22	1	26013-080162	BOLT, M8X 16	2	2						
23	1	26013-100202	BOLT, M10X 20	2	2						
24	1	26013-100202	BOLT, M10X 20	1	1						
25	1	26014-060162	BOLT, M6X 16	2	2						
26	1	26716-060002	NUT, M6	1	1						
27	1	26716-080002	NUT, M8	4	4						
28	1	26716-080002	NUT, M8	1	1						
29	1	933168-55770	BAND	1	1						
30	1	933171-15801	CORD, ENGINE EARTH	1	1						

Fig.22. HARNESS SUPPORT

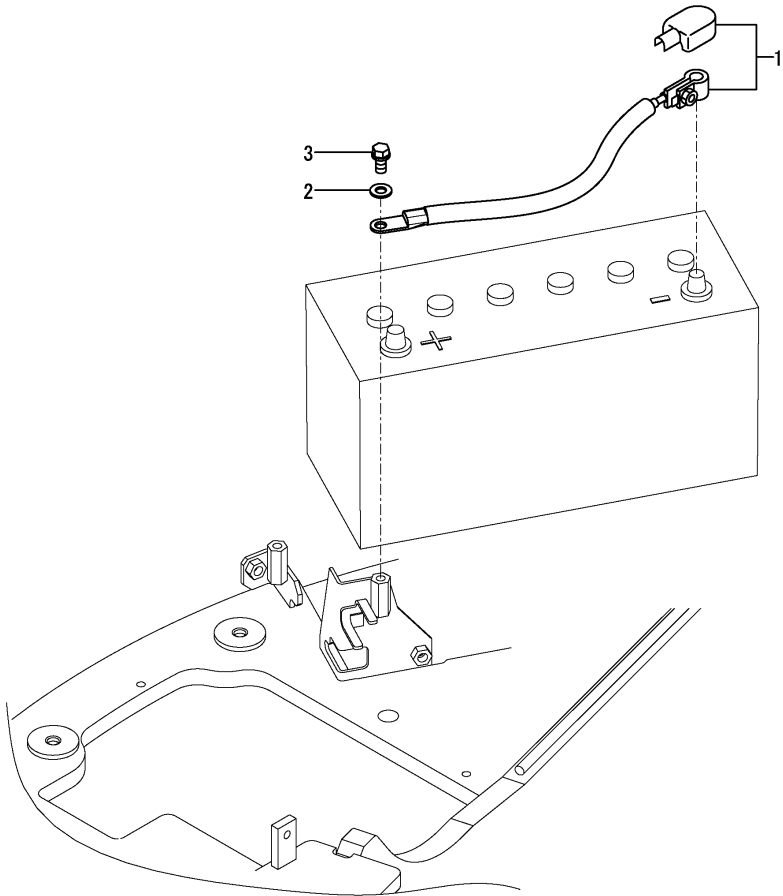


No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-16400	SUPPORT ASSY,HARNESS	1	1						
2	1	22137-100000	WASHER, 10	1	1						
3	1	26013-100202	BOLT, M10X 20	1	1						
4	1	26013-100402	BOLT, M10X 40	2	2						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-16121	CABLE,BATTERY MINUS	1	1						
2	1	22137-100000	WASHER, 10	1	1						
3	1	26013-100202	BOLT, M10X 20	1	1						



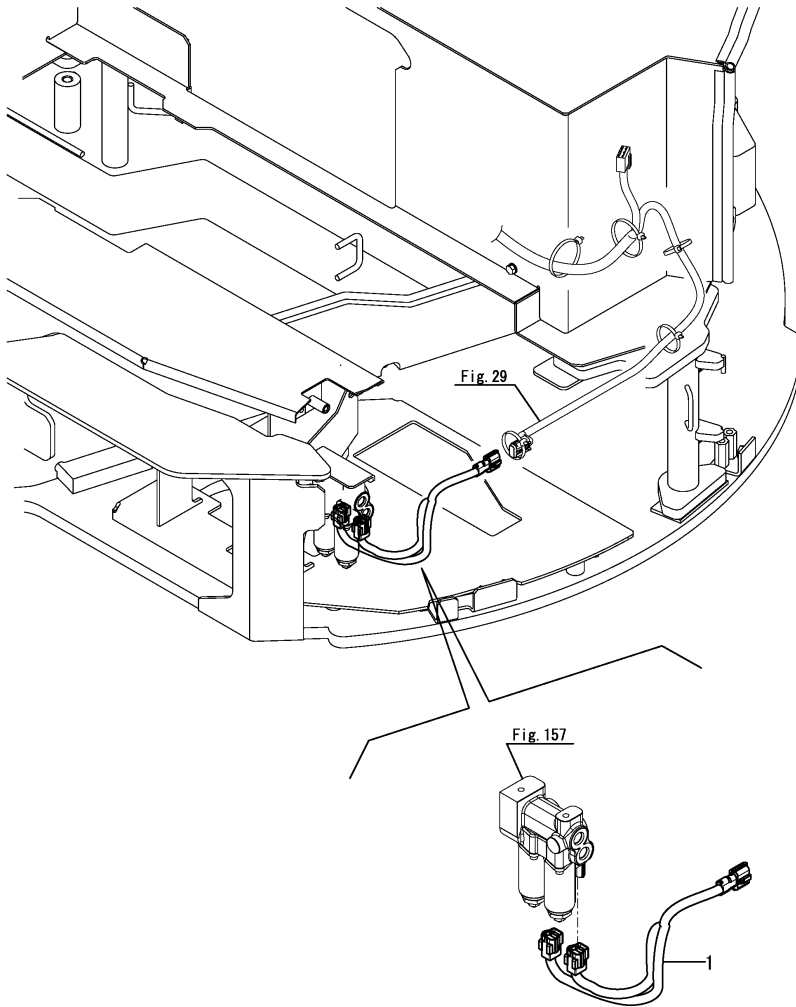
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(B)=VIO50-6A C(US)
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(D)=
(E)=
(F)=



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

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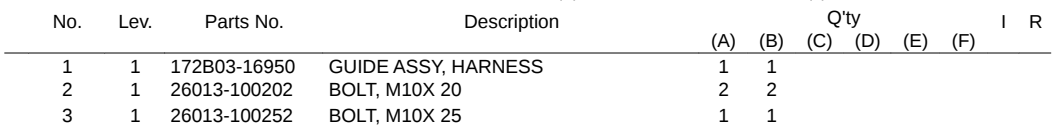
[illegible]

* Exclusive figure for angle blade specification.

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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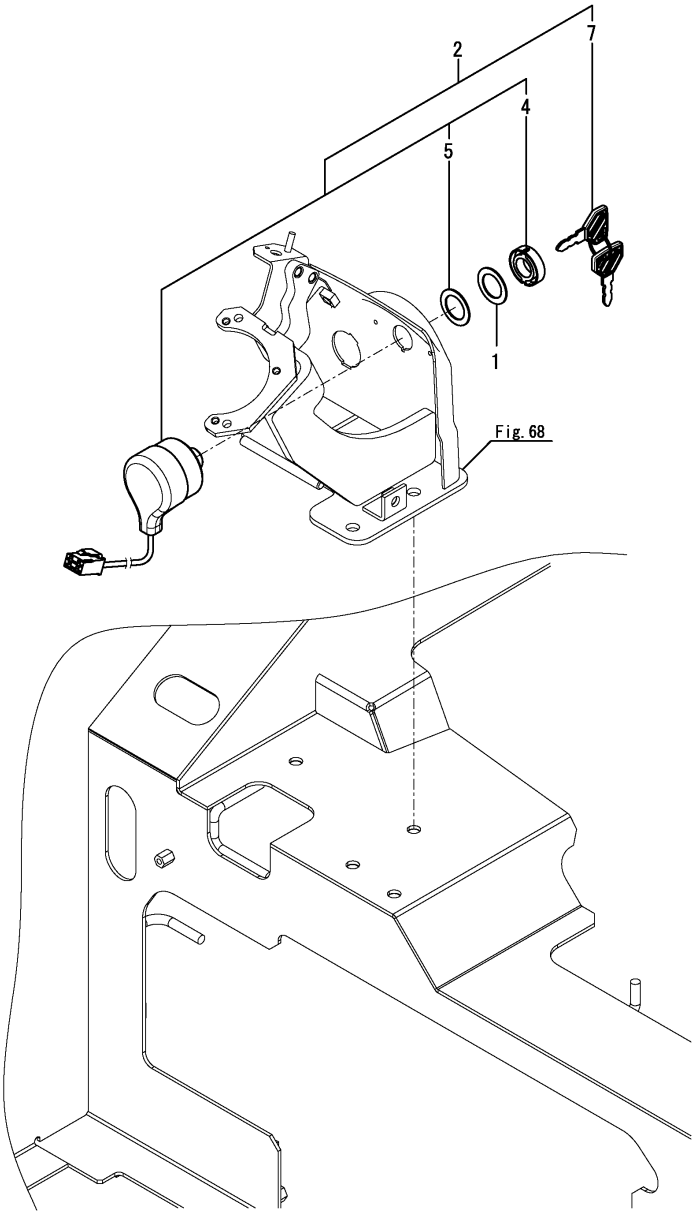
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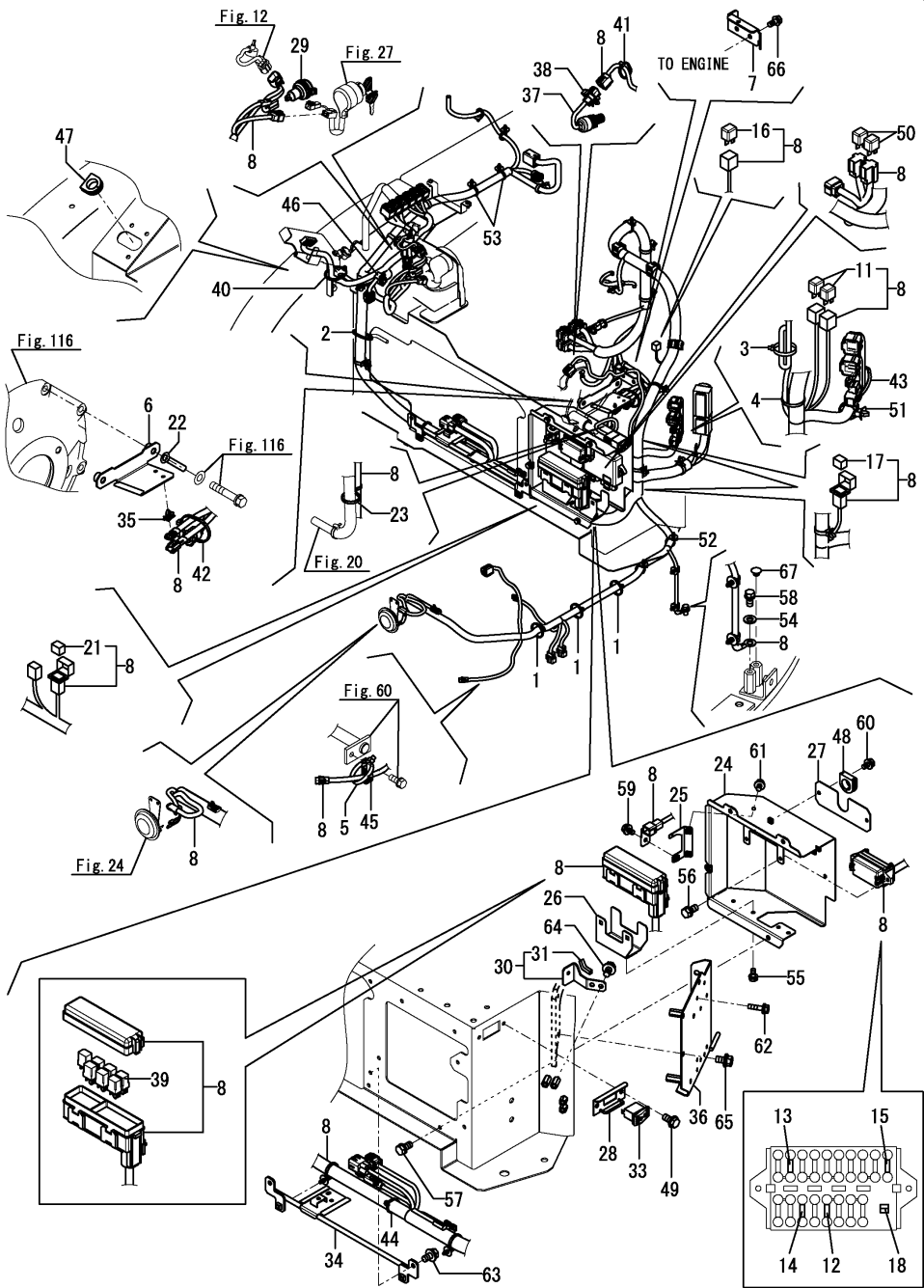


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-44400	WASHER, 20.2X32X1	1	1						
2	1	194940-52110	SWITCH, STARTING	1	1						
4	3	198360-52320	NUT, RING	1	1						
5	3	198360-52330	WASHER	1	1						
7	2	198360-52160	KEY ASSY, SPARE	1	1						

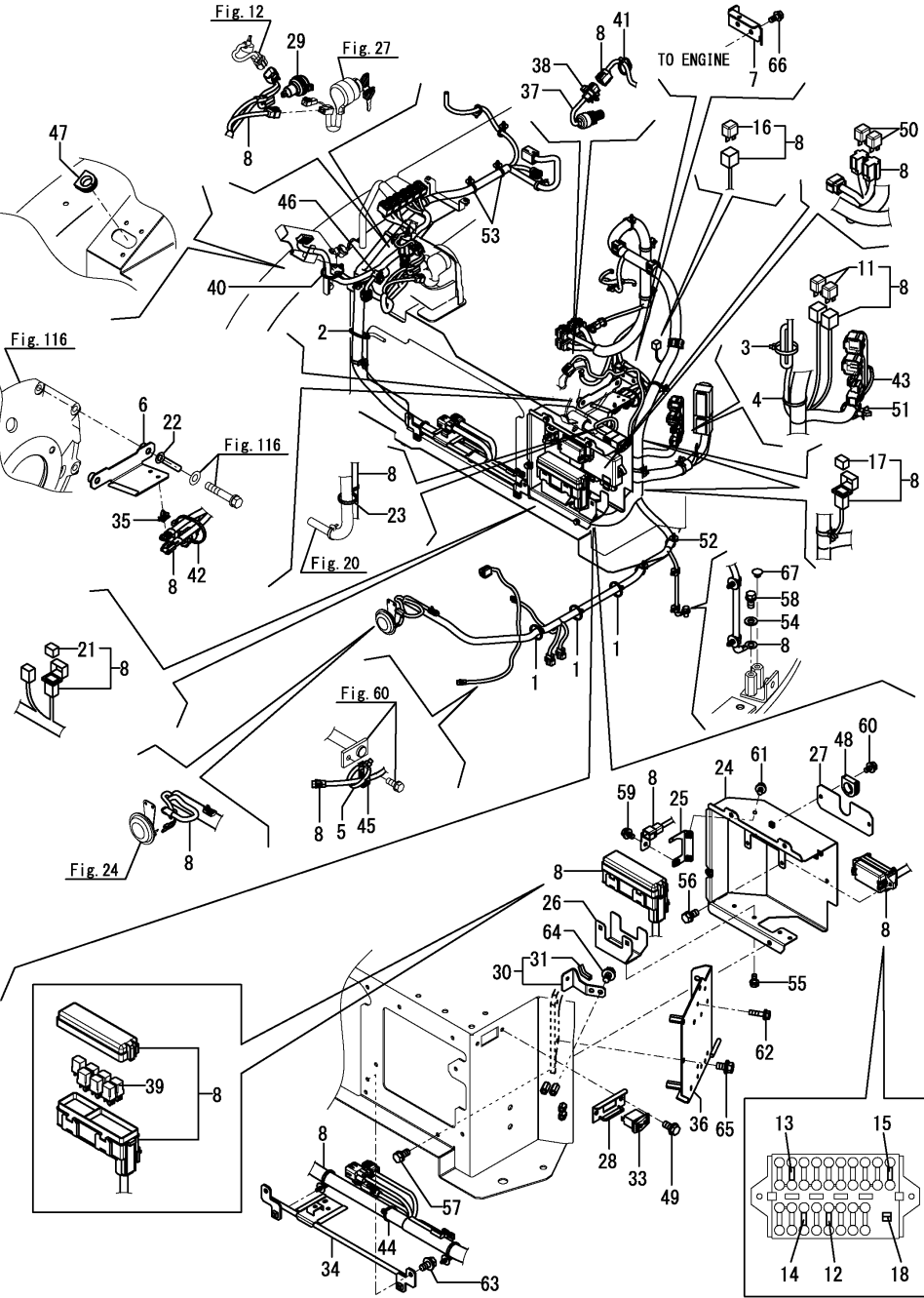


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	3	3						
2	1	172126-11510	BAND	1	1						
3	1	172126-11510	BAND	1	1						
4	1	172126-11510	BAND	1	1						
5	1	172126-11510	BAND	1	1						
6	1	172B04-16431	PLATE ASSY,CON S	1	1						
7	1	172B04-16460	MOUNT,HARNESS S	1	1						
8	1	172B04-16522	HARNESS ASSY,S.M.	1	1						
11	2	1A6382-51510	RESISTANCE, 2W R120	2	2						
12	2	198535-52110	FUSE, 5A	6	6						
13	2	198535-52120	FUSE, 10A	4	4						
14	2	198535-52140	FUSE, 20A	6	6						
15	2	1A7450-52180	FUSE, 25A	6	6						
16	2	1E8460-83120	DIODE, 090,1.5A	1	1						
17	2	1E8465-83170	DIODE, 090,1.5A	2	2						
18	2	1E9570-83900	MINI FUSE PULLER	1	1						
21	2	1E8235-84910	DIODE, 090 31	4	4						
22	1	172126-16540	CLAMP	1	1						
23	1	172137-16560	BAND	1	1						
24	1	172B04-17000	BOX ASSY,ELECTRIC	1	1						
25	1	172B03-17051	STAY ASSY,CONNECTOR	1	1						
26	1	172B04-17050	STAY ASSY,RELAY10	1	1						
27	1	172B03-17100	COVER, FUSE	1	1						
28	1	172A89-17180	PLATE ASSY,SWITCH	1	1						
29	1	172A64-17250	SOCKET ASSY	1	1						
30	1	172B04-17250	STAY ASSY,MAIN HNS	1	1						
31	2	172B04-17261	SEAL,40	1	1						
33	1	172A69-17260	SWITCH, ENGINE STOP	1	1						
34	1	172B04-17650	SUPPORT ASSY,HARNESS	1	1						
35	1	172B04-17790	CLIP,SWP CONNECTOR	1	1						
36	1	172B04-17830	PLATE ASSY, GPS	1	1						
37	1	1D4103-18301	SWITCH, PUSH	1	1						
38	1	194680-51670	BAND, CLIP	1	1						
39	1	1A7522-52950	RELAY, ACM13221M19	7	7						
40	1	194202-56460	BAND, 200	1	1						
41	1	194202-56460	BAND, 200	1	1						
42	1	194202-56460	BAND, 200	1	1						
43	1	194202-56460	BAND, 200	1	1						
44	1	194202-56460	BAND, 200	1	1						
45	1	1A1686-57850	CLAMP, 80	1	1						
46	1	1A1686-57850	CLAMP, 80	1	1						
47	1	172165-62800	GROMMET	1	1						
48	1	172165-62800	GROMMET	1	1						
49	1	172519-63240	BOLT	2	2						
50	1	129927-77920	RELAY, ISO 70A	2	2						
51	1	1E8775-84120	CLAMP, BAND	1	1						
52	1	1E8915-84120	CLAMP, BAND	1	1						
53	1	1E8915-84120	CLAMP, BAND	2	2						
54	1	22137-100000	WASHER, 10	1	1						
55	1	26013-060122	BOLT, M6X 12	2	2						
56	1	26013-060202	BOLT, M6X 20	2	2						

Fig.28. AROUND THE SEAT

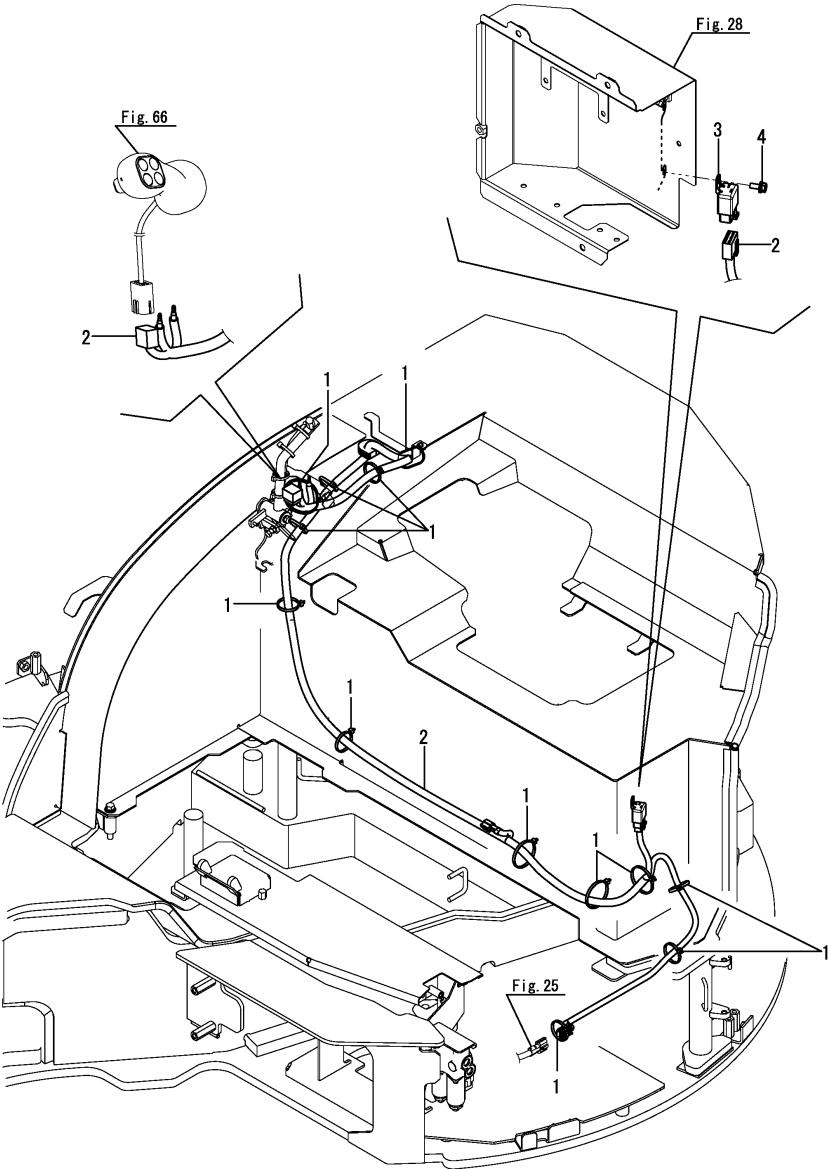


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
57	1	26013-080162	BOLT, M8X 16	4	4						
58	1	26013-100202	BOLT, M10X 20	1	1						
59	1	26014-060122	BOLT, M6X 12	1	1						
60	1	26014-060122	BOLT, M6X 12	2	2						
61	1	26014-060122	BOLT, M6X 12	2	2						
62	1	26014-060252	BOLT, M6X 25	4	4						
63	1	26014-080162	BOLT, M8X 16	2	2						
64	1	26014-080162	BOLT, M8X 16	2	2						
65	1	26014-080162	BOLT, M8X 16	3	3						
66	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
67	1	172183-81160	CLIP, TREE	1	1						

Fig.29. ANGLE BLADE LEVER(ANGLE BLADE SPEC.)

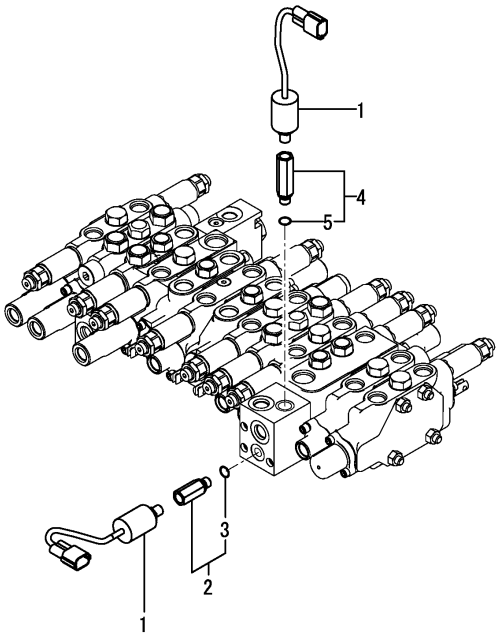


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	13	13						
2	1	172B05-16340	HARNESS,ANGLE BLADE	1	1						
3	1	172B02-17150	RELAY,CA C TYPE	1	1						
4	1	26014-060162	BOLT, M6X 16	1	1						

Remarks
* Exclusive figure for angle blade specification.



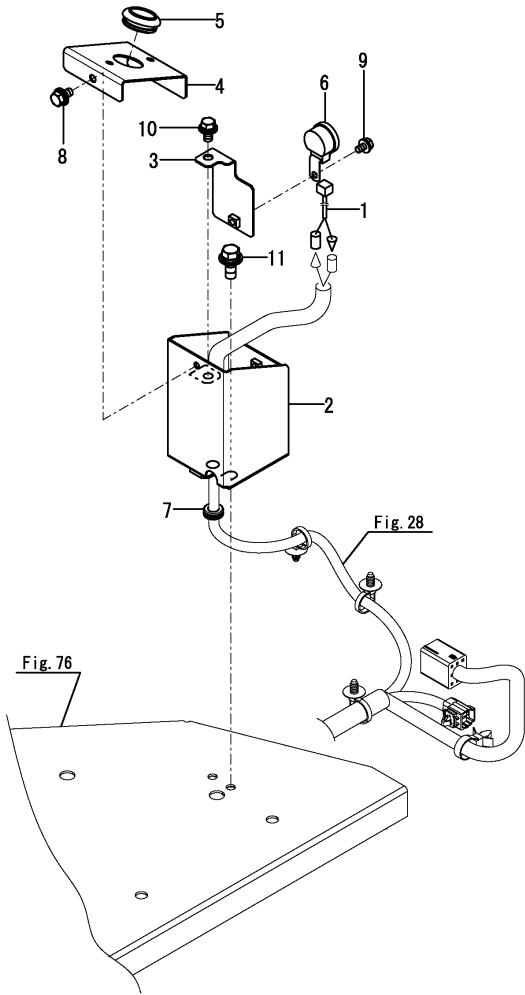
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-17202	SWITCH, PRESSURE	2	2						
2	1	172A47-76111	CONNECTOR, G1/8XR1/8	1	1						
3	2	24315-000080	O-RING, 1BP8.0	1	1						
4	1	172A79-76110	CONNECTOR, G1/8XR1/8	1	1						
5	2	24315-000080	O-RING, 1BP8.0	1	1						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



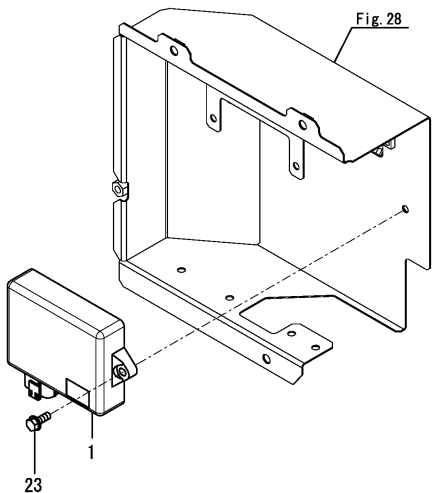
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16570	HARNESS,BUZZER	1	1						
2	1	172B03-16740	BRACKET ASSY,BUZZUR	1	1						
3	1	172B03-16760	BRACKET ASSY	1	1						
4	1	172B03-16890	PLATE,TRAVEL	1	1						
5	1	172456-53700	GROMMET	1	1						
6	1	198071-57110	BUZZER, BACK	1	1						
7	1	172162-61850	GROMMET	1	1						
8	1	26014-060122	BOLT, M6X 12	2	2						
9	1	26014-060162	BOLT, M6X 16	1	1						
10	1	26014-080162	BOLT, M8X 16	1	1						
11	1	26014-080202	BOLT, M8X 20	2	2						

Fig.32. CONTROLLER

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

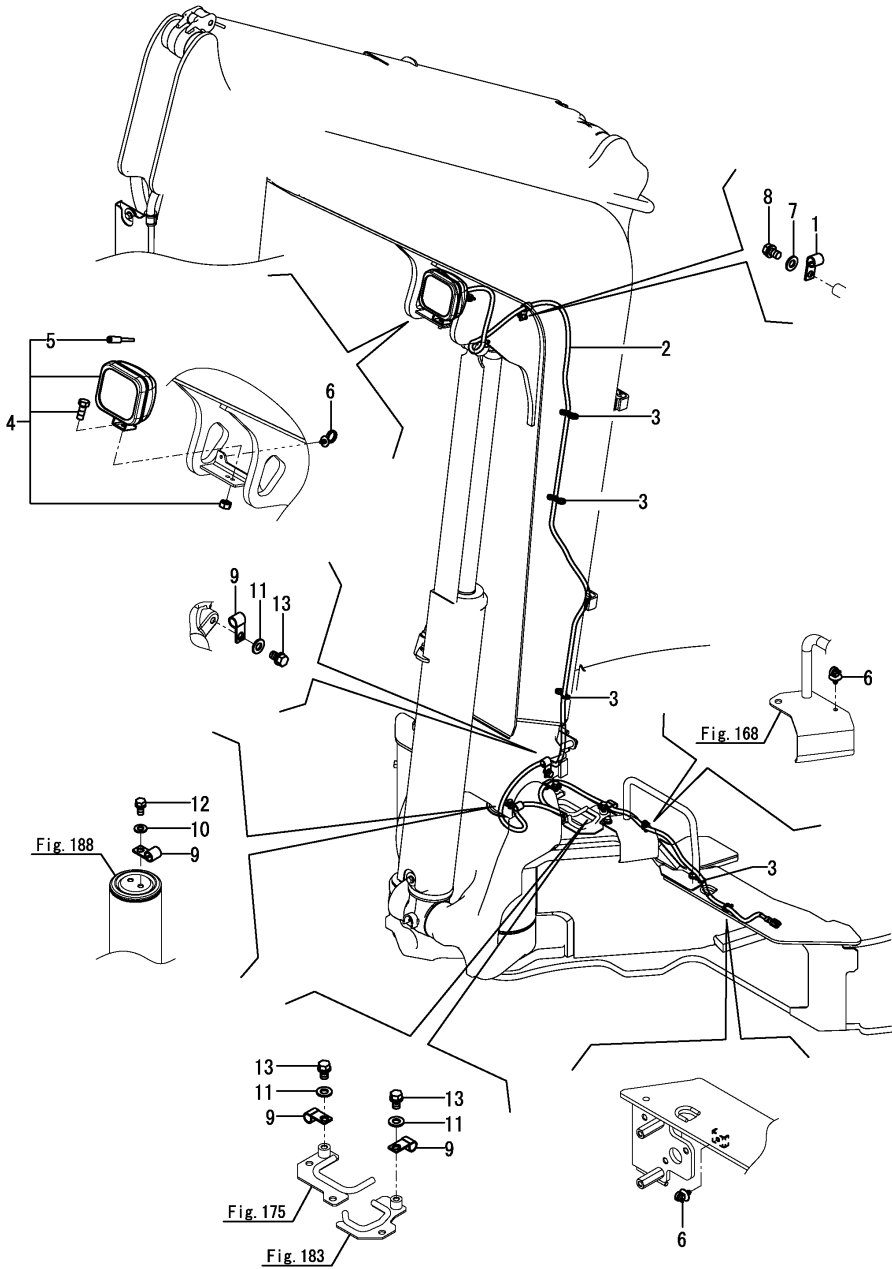
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B03-08400	CONTROLLER KIT,WORK		1						1
23	1	26014-060202	BOLT, M6X 20		2						



Remarks
(1) Spare parts.
To install proper information, go to an authorized distributor.

Fig.33. WORK LAMP



OCK50-M01380 Fig.33

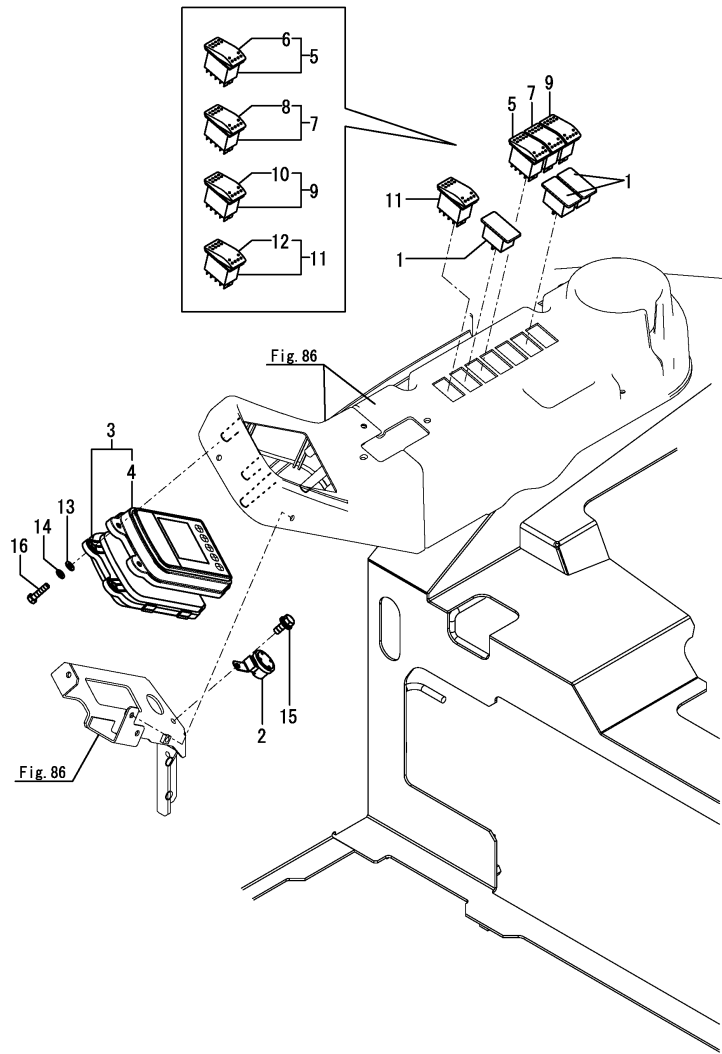
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16130	CLAMP	1	1						
2	1	172B04-16550	HARNES,WORK LAMP	1	1						
3	1	172137-16560	BAND	4	4						
4	1	172B03-17460	LAMP ASSY,WORK	1	1						
5	2	172B03-17470	BULB, 12V 55W	1	1						
6	1	1E8915-84120	CLAMP, BAND	4	4						
7	1	22137-100000	WASHER, 10	1	1						
8	1	26013-100162	BOLT, M10X 16	1	1						
9	1	172B03-16130	CLAMP	4	4						
10	1	22137-080000	WASHER, 8	1	1						
11	1	22137-100000	WASHER, 10	3	3						
12	1	26013-080162	BOLT, M8X 16	1	1						
13	1	26013-100162	BOLT, M10X 16	3	3						

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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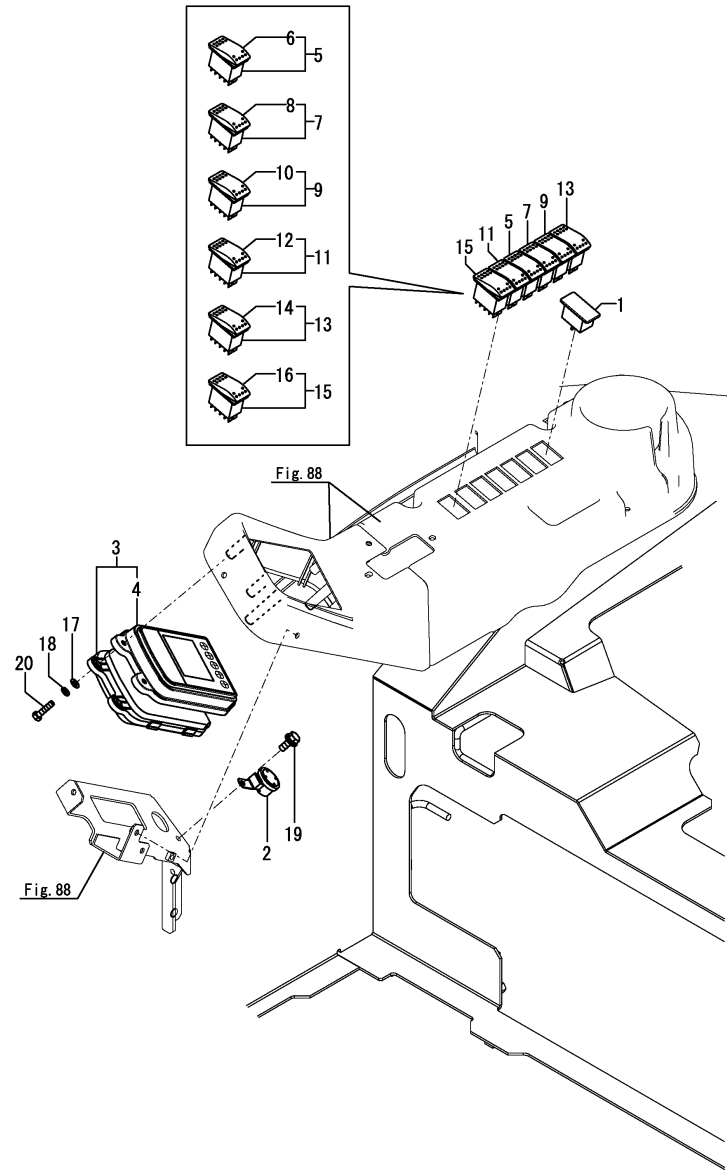
Fig.34. INSTRUMENT PANEL(CANOPY)



Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.

							0CK50-M01380 Fig.34						
							(A)=VIO50-6A P(US)		(D)=				
							(B)=VIO50-6A C(US)		(E)=				
							(C)=		(F)=				
No.	Lev.	Parts No.	Description					Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172538-17100	PLUG, PANEL	3									
2	1	172141-17150	BUZZER	1									
3	1	172B03-17258	MONITOR ASSY	1									
4	2	172B03-17261	MONITOR ASSY,UPPER	1									
5	1	172B03-17301	SWITCH,LIGHT	1									
6	2	172B03-17350	COVER,SWITCH LIGHT	1									
7	1	172B03-17310	SWITCH, ECO	1									
8	2	172B03-17360	COVER,SWITCH ECO	1									
9	1	172B03-17320	SWITCH, AUTO DECEL	1									
10	2	172B03-17370	COVER,SWITCH A/D	1									
11	1	172B04-17990	SWITCH, DPF	1									
12	2	172B04-17740	COVER,SWITCH DPF	1									
13	1	22137-050000	WASHER, 5	4									
14	1	22217-050000	WASHER, SPRING 5	4									
15	1	26014-060122	BOLT, M6X 12	1									
16	1	26116-050202	BOLT, M5X 20 PLATED	4									

Fig.35. INSTRUMENT PANEL(CABIN)(HEATER SPEC.)

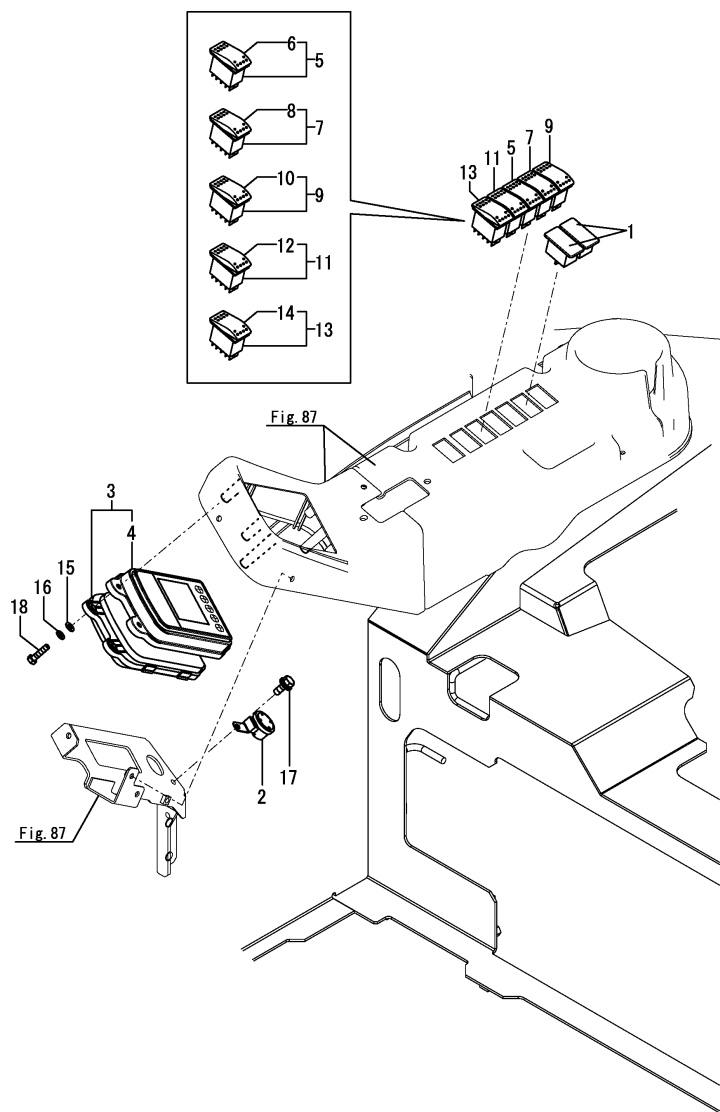


Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172538-17100	PLUG, PANEL		1						
2	1	172141-17150	BUZZER		1						
3	1	172B03-17258	MONITOR ASSY		1						
4	2	172B03-17261	MONITOR ASSY,UPPER		1						
5	1	172B03-17301	SWITCH,LIGHT		1						
6	2	172B03-17350	COVER,SWITCH LIGHT		1						
7	1	172B03-17310	SWITCH, ECO		1						
8	2	172B03-17360	COVER,SWITCH ECO		1						
9	1	172B03-17320	SWITCH, AUTO DECEL		1						
10	2	172B03-17370	COVER,SWITCH A/D		1						
11	1	172B03-17331	SWITCH,WIPER		1						
12	2	172B03-17380	COVER,SWITCH WIPER		1						
13	1	172B03-17341	SWITCH,HEATER		1						
14	2	172B03-17390	COVER,SWITCH HEATER		1						
15	1	172B04-17990	SWITCH, DPF		1						
16	2	172B04-17740	COVER,SWITCH DPF		1						
17	1	22137-050000	WASHER, 5		4						
18	1	22217-050000	WASHER, SPRING 5		4						
19	1	26014-060162	BOLT, M6X 16		1						
20	1	26116-050202	BOLT, M5X 20 PLATED		4						



0CK50-M01380 Fig.36

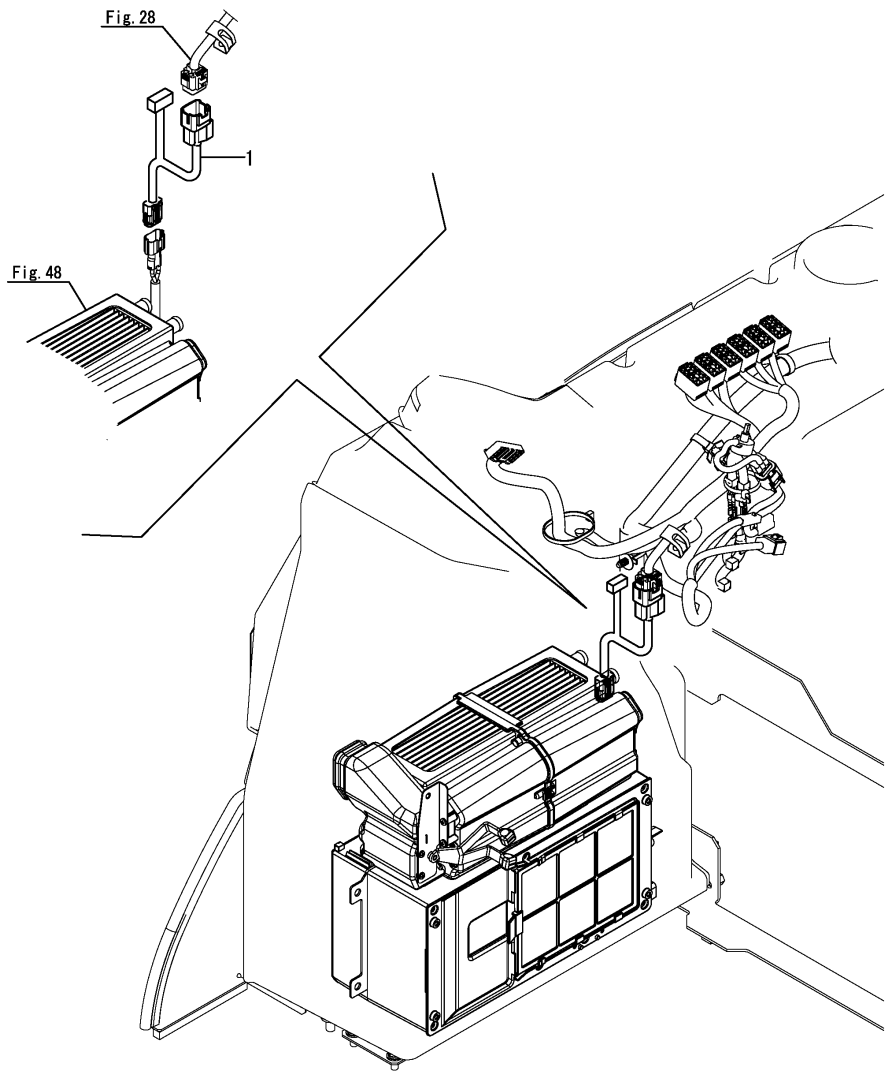
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172538-17100	PLUG, PANEL		2						
2	1	172141-17150	BUZZER		1						
3	1	172B03-17258	MONITOR ASSY		1						
4	2	172B03-17261	MONITOR ASSY,UPPER		1						
5	1	172B03-17301	SWITCH,LIGHT		1						
6	2	172B03-17350	COVER,SWITCH LIGHT		1						
7	1	172B03-17310	SWITCH, ECO		1						
8	2	172B03-17360	COVER,SWITCH ECO		1						
9	1	172B03-17320	SWITCH, AUTO DECEL		1						
10	2	172B03-17370	COVER,SWITCH A/D		1						
11	1	172B03-17331	SWITCH,WIPER		1						
12	2	172B03-17380	COVER,SWITCH WIPER		1						
13	1	172B04-17990	SWITCH, DPF		1						
14	2	172B04-17740	COVER,SWITCH DPF		1						
15	1	22137-050000	WASHER, 5		4						
16	1	22217-050000	WASHER, SPRING 5		4						
17	1	26014-060122	BOLT, M6X 12		1						
18	1	26116-050202	BOLT, M5X 20 PLATED		4						

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.

Fig.37. HARNESS(HEATER)

[illegible]

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-16700	HARNESS ASSY,WORKCTL		1						
2	2	1E8460-83120	DIODE, 090,1.5A		1						
3	2	1E8235-84910	DIODE, 090 31		5						
4	1	1A7522-52950	RELAY, ACM13221M19		3						
5	1	194202-56460	BAND, 200		5						
6	1	22137-100000	WASHER, 10		1						
7	1	26013-100202	BOLT, M10X 20		1						
8	1	172B03-16070	CONNECTOR,CAP		1						

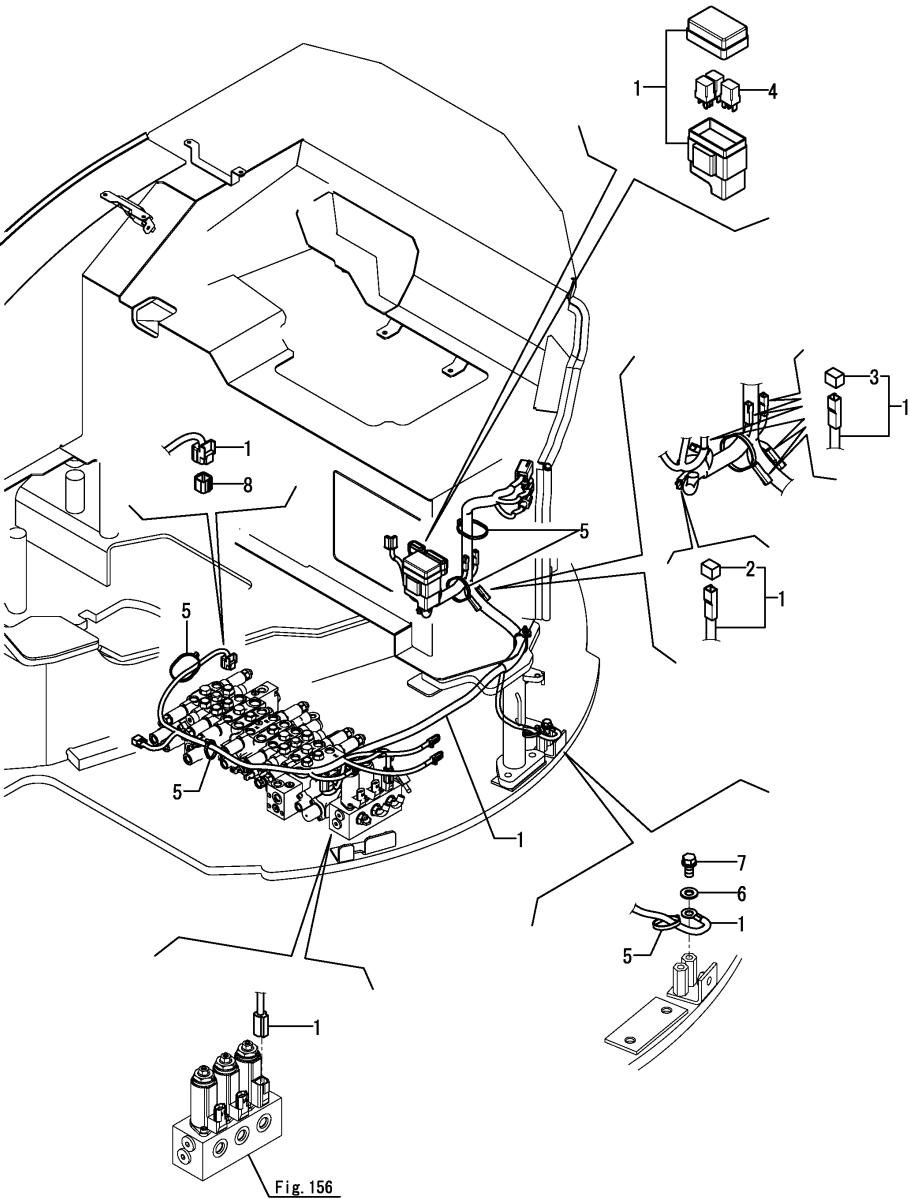
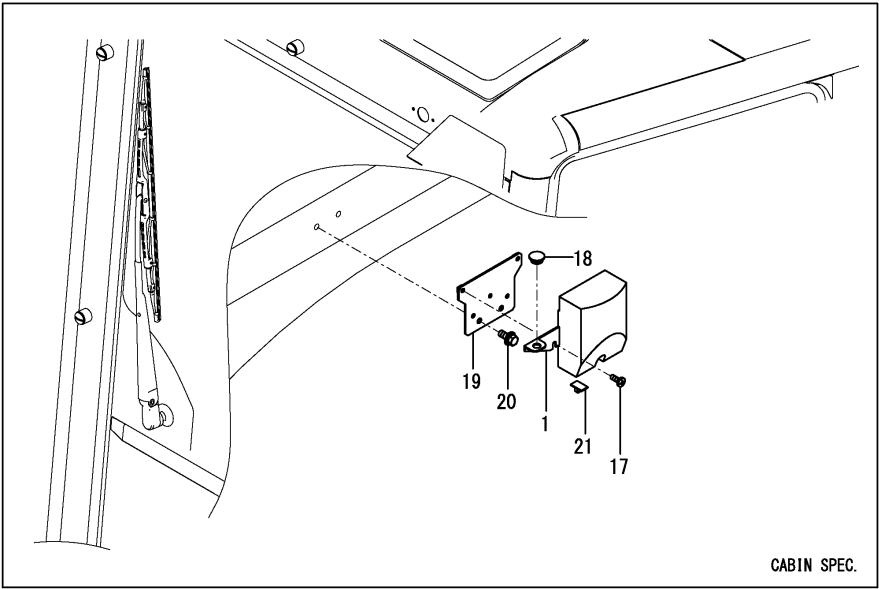
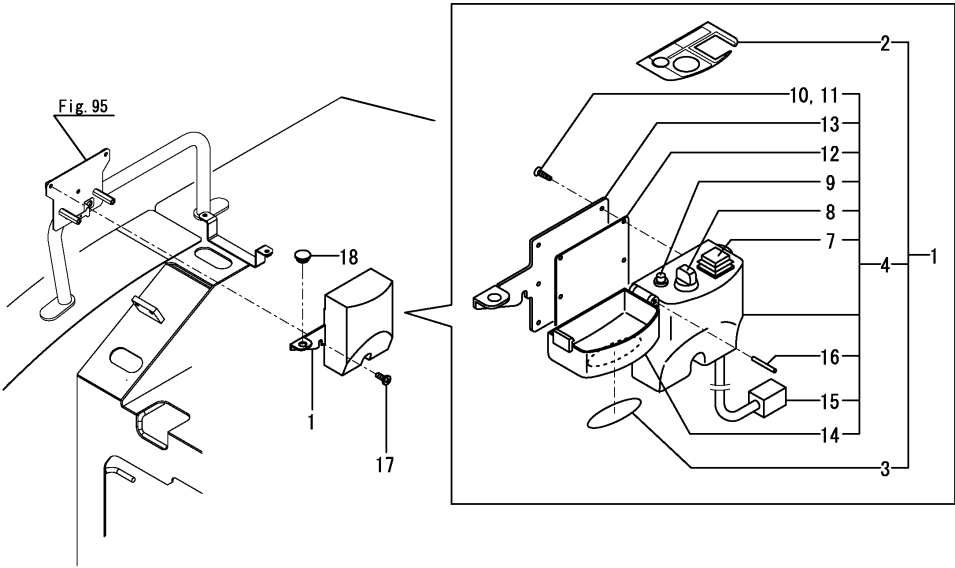


Fig.39. QUICK COUPLER(SWITCH BOX)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17410	BOX,SWITCH EX D	1	1						
2	2	172472-03290	LABEL, SWITCH	1	1						
3	2	172472-03300	LABEL, COVER	1	1						
4	2	172958-17400	BOX,SWITCH D	1	1						
7	3	172958-17140	SWITCH ASSY	1	1						
8	3	172958-17150	SWITCH ASSY	1	1						
9	3	172958-17160	LAMP, INDICATOR	1	1						
10	3	172958-17170	SCREW, TAPPING	6	6						
11	3	172958-17180	SCREW, TAPPING	2	2						
12	3	172958-17190	PACKING	1	1						
13	3	172958-17200	BRACKET	1	1						
14	3	172958-17220	CORD	1	1						
15	3	172958-17230	CASE,UPPER	1	1						
16	3	22351-030028	PIN, SPRING 3.0X28	1	1						
17	1	172137-46210	SCREW	3	3						
18	1	172187-64900	PLUG	1	1						
19	1	172B03-17900	STAY ASSY		1						
20	1	26014-080202	BOLT, M8X 20		2						
21	1	933169-15231	STAPLE		1						

Fig.40. RELAY BRACKET

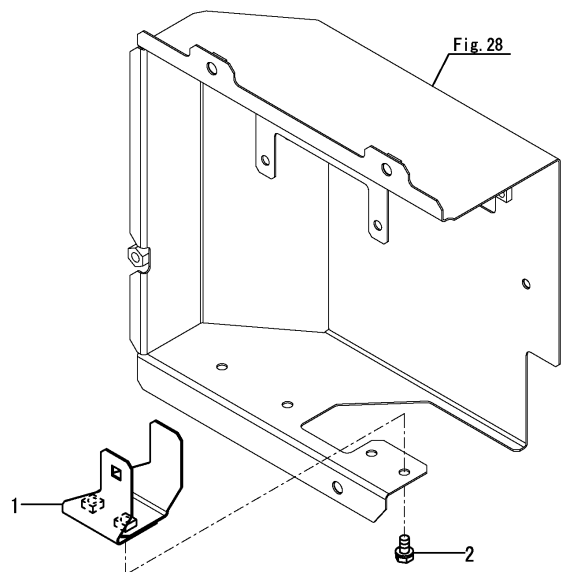
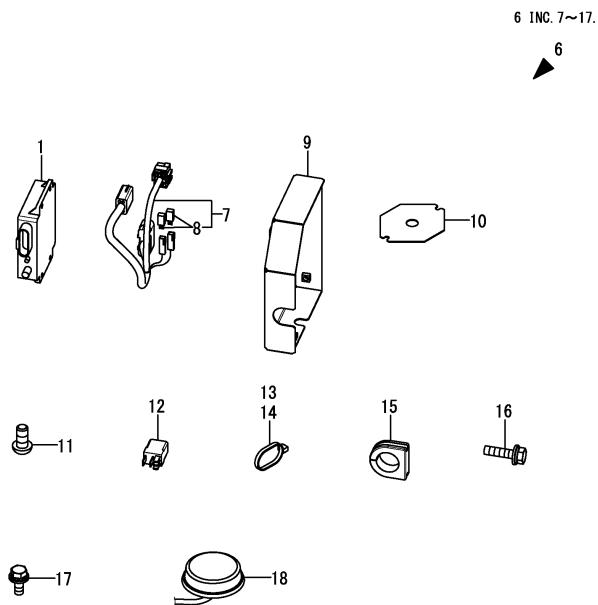
[illegible]

Fig.41. GPS

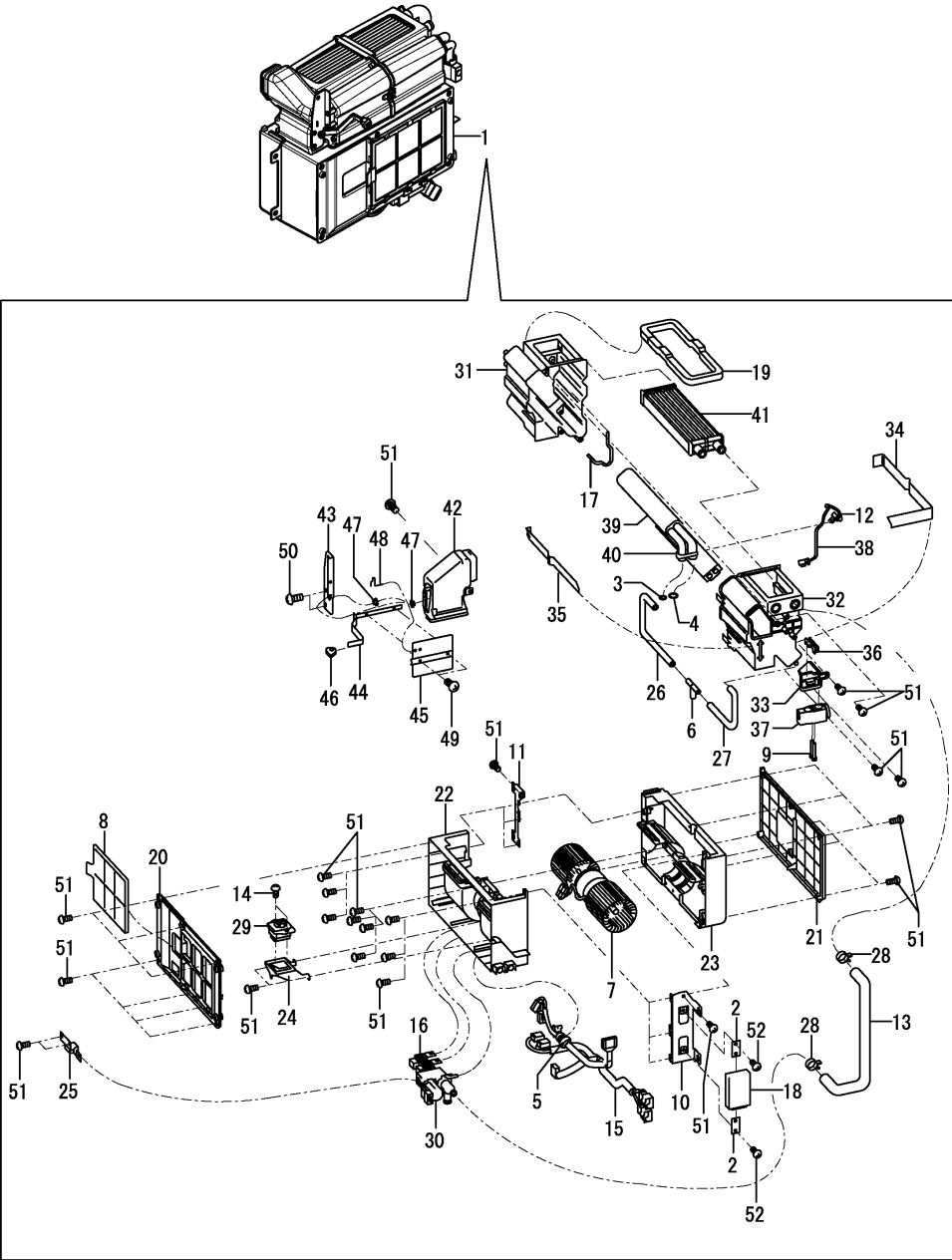


				(A)=VIO50-6A P(US)	(D)=						
				(B)=VIO50-6A C(US)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00024	CONTROLLER,MOBILE,O	1	1						1
6	1	172B04-16000	PARTS ASSY, GPS	1	1						
7	2	172B04-16620	HARNESS ASSY,GPS	1	1						
8	3	1E8235-84910	DIODE, 090 31	2	2						
9	2	172B04-17800	COVER ASSY,GPS	1	1						
10	2	172B03-17980	PLATE, ANTENNA	1	1						
11	2	172186-45840	BOLT	5	5						
12	2	1A7522-52950	RELAY, ACM13221M19	1	1						
13	2	194202-56460	BAND, 200	8	8						
14	2	194202-56460	BAND, 200	2	2						
15	2	172165-62800	GROMMET	1	1						
16	2	26014-060162	BOLT, M6X 16	4	4						
17	2	26014-060162	BOLT, M6X 16	2	2						
18	1	172B11-16590	ANTENNA ASSY,MOBILE	1	1						

(1) To install proper information, go to an authorized distributor.
 Note : Carrier registration is required when replacing this part.
 * For more information, contact the service department of the dealer you purchased from.
 Note : Registration is required when replacing this part.
 * For more information, contact the service department of the dealer you purchased from.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-19101	AIR CON UNIT		1						
2	2	172B06-18550	BRACKET,AMP		2						
3	2	172B06-18680	O-RING		1						
4	2	172B06-18690	O-RING		1						
5	2	172B06-18930	INSULATOR,HARNESS		1						
6	2	172B06-18960	ELBOW,DRAIN		1						
7	2	172B06-18970	MOTOR ASSY,BLOWER		1						
8	2	172B03-19120	FILTER, REC		1						
9	2	172B06-19120	BOLT, SOCKET M5X40		2						
10	2	172B03-19130	BRACKET, 1		1						
11	2	172B03-19140	BRACKET, 2		1						
12	2	172B06-19140	HOLDER,THERMISTOR		1						
13	2	172B03-19150	HOSE, HEATER		1						
14	2	172B06-19150	SCREW, PAN HEAD		2						
15	2	172B03-19191	HARNESS ASSY, HVAC		1						
16	2	172B03-19200	RELAY		2						
17	2	172B06-19200	SEAL,CASE		1						
18	2	172B03-19210	CONTROLLER, HVAC		1						
19	2	172B03-19220	SEAL, OUTLET		1						
20	2	172B03-19230	COVER, FRONT		1						
21	2	172B03-19240	COVER, BACK		1						
22	2	172B03-19250	CASE ASSY, LOW FRONT		1						
23	2	172B03-19260	CASE ASSY, LOW BACK		1						
24	2	172B03-19270	MOUNT, RESISTOR		1						
25	2	172B03-19280	RETAINER, VALVE		1						
26	2	172B03-19290	HOSE, DRAIN 1		1						
27	2	172B03-19300	HOSE, DRAIN 2		1						
28	2	172B03-19310	CLAMP, HOSE		2						
29	2	172B03-19320	RESISTOR		1						
30	2	172B03-19330	VALVE ASSY, WATER		1						
31	2	172B03-19340	CASE ASSY, UP FEMALE		1						
32	2	172B03-19350	CASE ASSY, UP MALE		1						
33	2	172B03-19360	COVER ASSY, PAF		1						
34	2	172B03-19370	SEAL, AC-UNIT 1		1						
35	2	172B03-19380	SEAL, AC-UNIT 2		1						
36	2	172B03-19390	RETAINER, TXV		1						
37	2	172B03-19400	VALVE, EXPANSION		1						
38	2	172B03-19410	SENSOR, TEMPERATURE		1						
39	2	172B03-19420	EVAPORATOR ASSY		1						
40	2	172B03-19430	STAY		1						
41	2	172B03-19440	HEATER ASSY		1						
42	2	172B03-19450	DUCT ASSY		1						
43	2	172B03-19460	BRACKET, DUCT		1						
44	2	172B03-19470	LEVER ASSY, DOOR		1						
45	2	172B03-19480	DOOR ASSY		1						
46	2	172B03-19490	KNOB		1						
47	2	172B03-19500	SPACER, C		2						
48	2	172B03-19510	SPRING		1						
49	2	172B03-19520	SCREW, 3X6		2						
50	2	172B03-19530	SCREW, 4X10		2						
51	2	172B03-19540	SCREW, 4X16		36						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	2	172B03-19550	SCREW, 5X5		2						

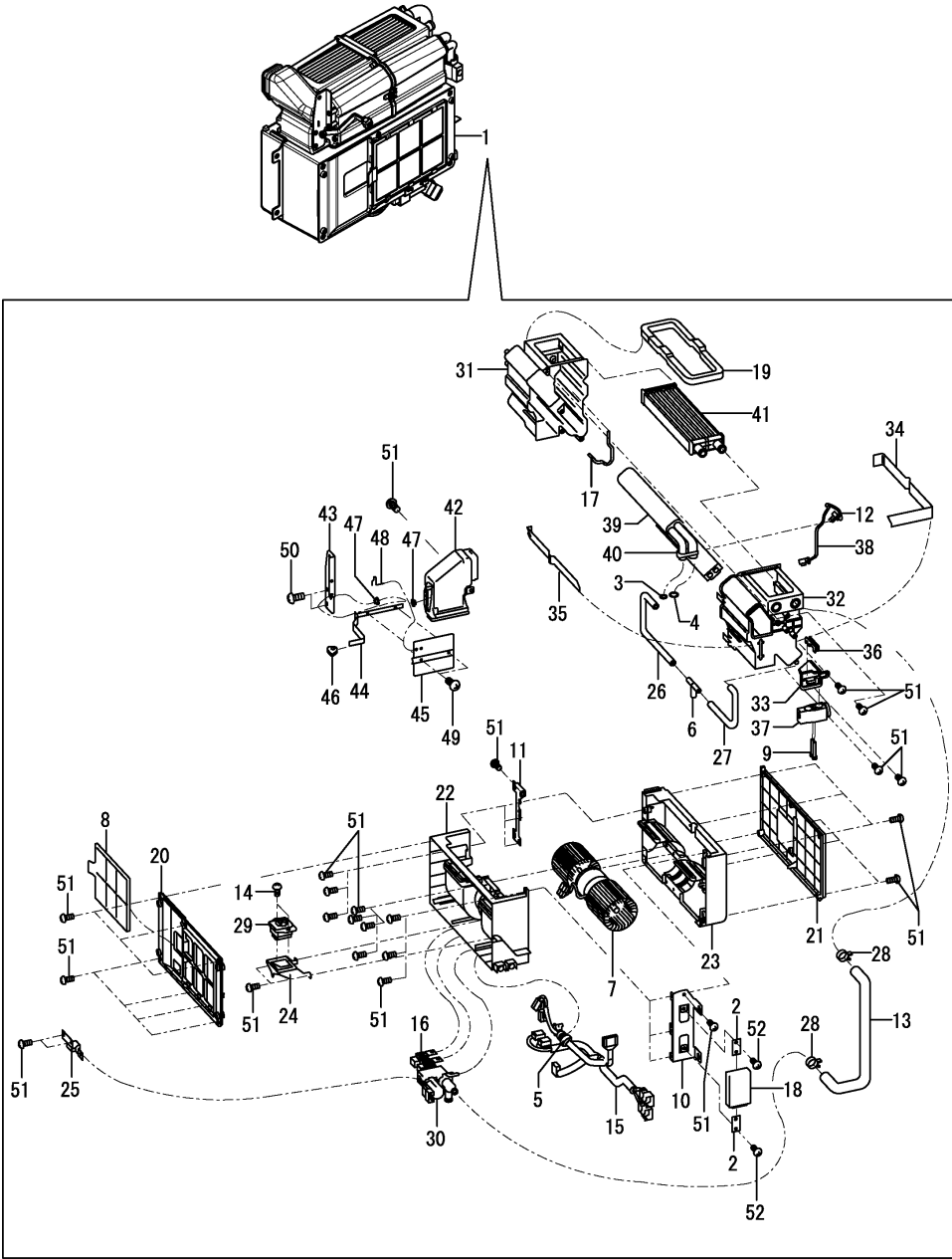
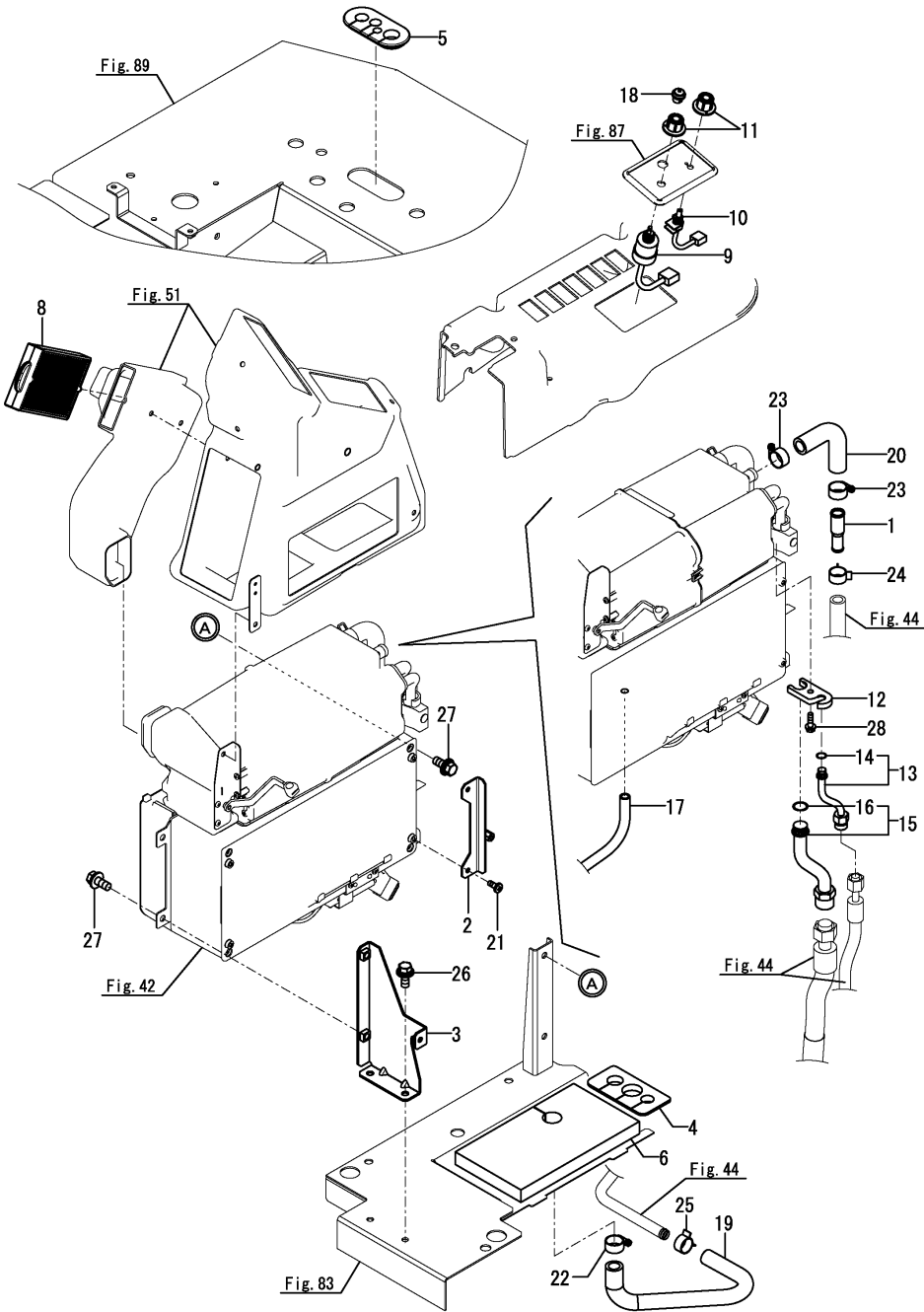


Fig.43. AIR CONDITIONER(ACCESSORY)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

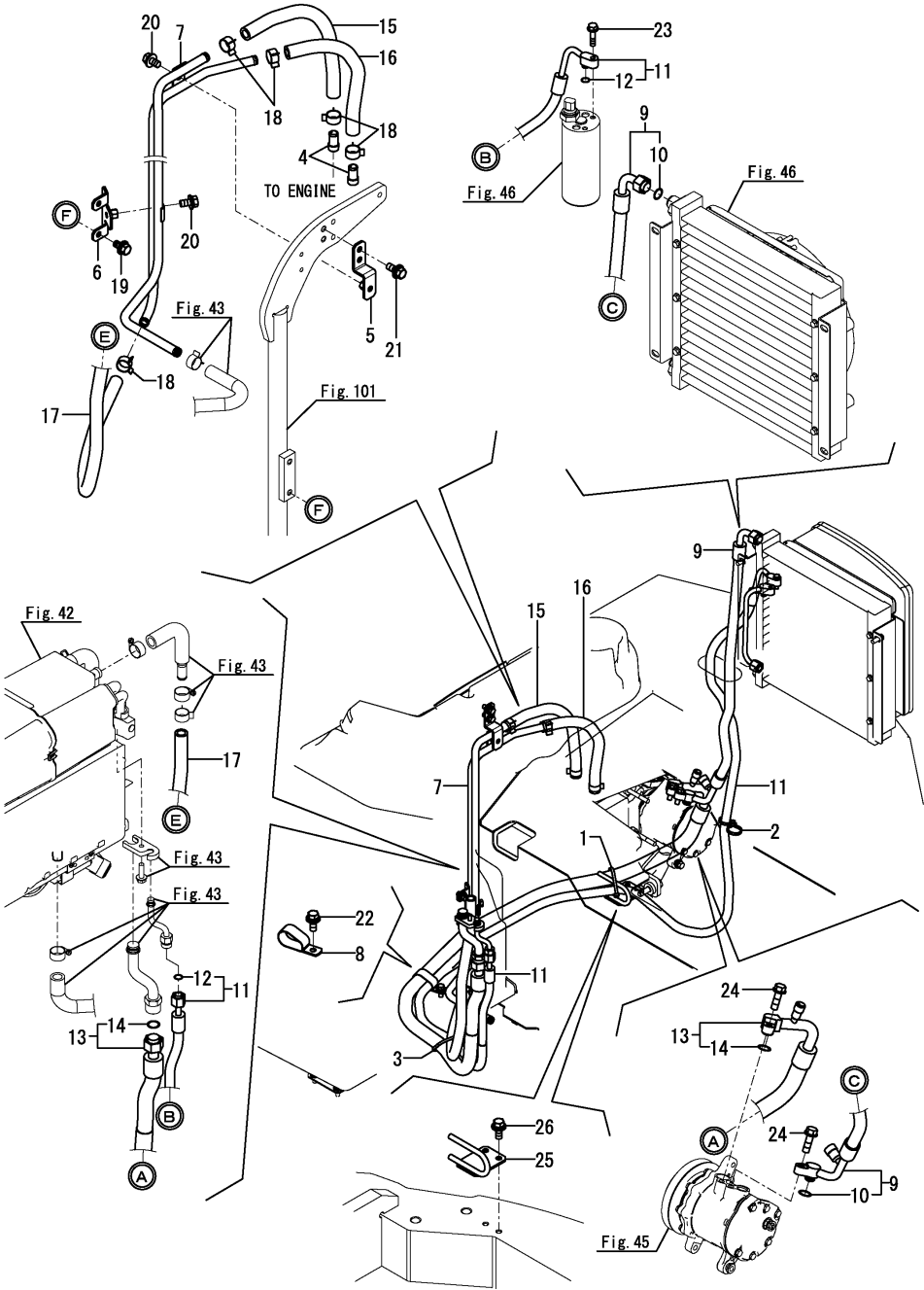


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-17930	JOINT, HOSE		1						
2	1	172B03-18310	STAY ASSY		1						
3	1	172B03-18350	BRACKET ASSY, AC F		1						
4	1	172B04-18550	GROMMET, HOSE-AC		1						
5	1	172B03-18570	GROMMET		1						
6	1	172B04-18580	SPONGE, PARTITION		1						
8	1	172B06-18420	FILTER, AIR		1						
9	1	172B06-18560	SWITCH, BLOWER		1						
10	1	172B06-18570	SWITCH, THERMO		1						
11	1	172B06-18580	KNOB		2						
12	1	172B03-19110	PLATE, FLANGE		1						
13	1	172B04-19650	PIPE, HVAC IN		1						
14	2	172B06-18700	O-RING		1						
15	1	172B04-19660	PIPE, HVAC OUT		1						
16	2	172B06-18690	O-RING		1						
17	1	172B04-19840	HOSE, DRAIN AC		1						
18	1	172B03-19160	SWITCH ASSY		1						
19	1	172B04-19890	HOSE, HEATER IN		1						
20	1	172B03-19920	HOSE, HEATER ELBOW		1						
21	1	22877-500120	SCREW, 5X12		2						
22	1	23001-022000	CLAMP, HOSE 22		1						
23	1	23001-022000	CLAMP, HOSE 22		2						
24	1	23080-018000	CLAMP, 18		1						
25	1	23080-018000	CLAMP, 18		1						
26	1	26014-080202	BOLT, M8X 20		2						
27	1	26014-080202	BOLT, M8X 20		4						
28	1	26106-060202	BOLT, M6X 20 PLATED		1						

Fig.44. AIR CONDITIONER(PIPING)

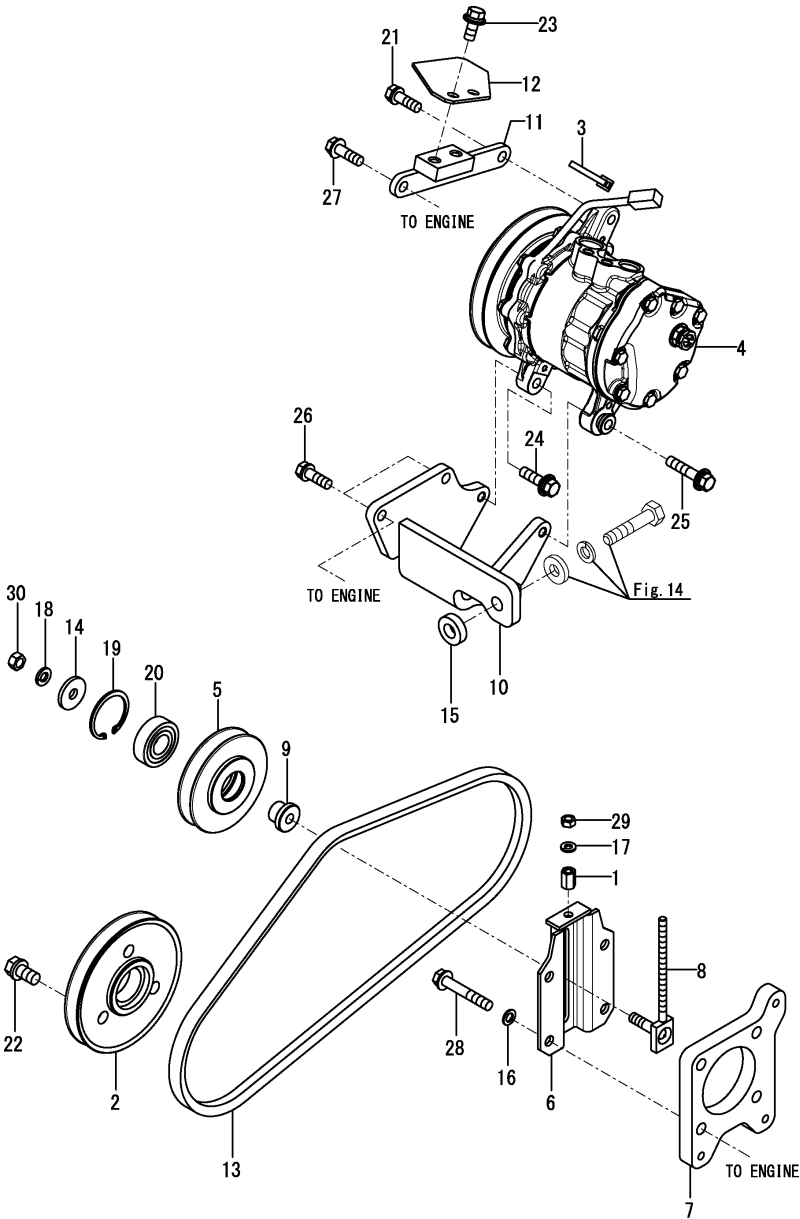
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND		1						
2	1	172137-16560	BAND		1						
3	1	172183-16560	CLIP, HOSE		1						
4	1	172124-17640	JOINT, PIPE		2						
5	1	172B04-18600	STAY ASSY, H-PIPE A		1						
6	1	172B04-18640	STAY ASSY, H-PIPE B		1						
7	1	172B04-19710	PIPE ASSY, HEATER		1						
8	1	172B03-19750	CLAMP, HOSE		1						
9	1	172B04-19760	HOSE ASSY, COMP-COND		1						
10	2	172B06-18680	O-RING		2						
11	1	172B04-19800	HOSE ASSY, R/D-UNIT		1						
12	2	172B06-18700	O-RING		2						
13	1	172B04-19820	HOSE ASSY, UNIT-COMP		1						
14	2	172B06-18690	O-RING		2						
15	1	172B04-19860	HOSE, HEATER 340		1						
16	1	172B04-19860	HOSE, HEATER 340		1						
17	1	172B03-19950	HOSE, HEATER 640		1						
18	1	23080-018000	CLAMP, 18		5						
19	1	26014-080162	BOLT, M8X 16		2						
20	1	26014-080162	BOLT, M8X 16		2						
21	1	26014-080202	BOLT, M8X 20		2						
22	1	26014-080202	BOLT, M8X 20		1						
23	1	26106-060252	BOLT, M6X 25 PLATED		1						
24	1	26106-080252	BOLT, M8X 25 PLATED		2						
25	1	172B04-18400	GUIDE ASSY, HOSE		1						
26	1	26014-080202	BOLT, M8X 20		2						

Fig.45. AIR CONDITIONER(ENGINE RELATED)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

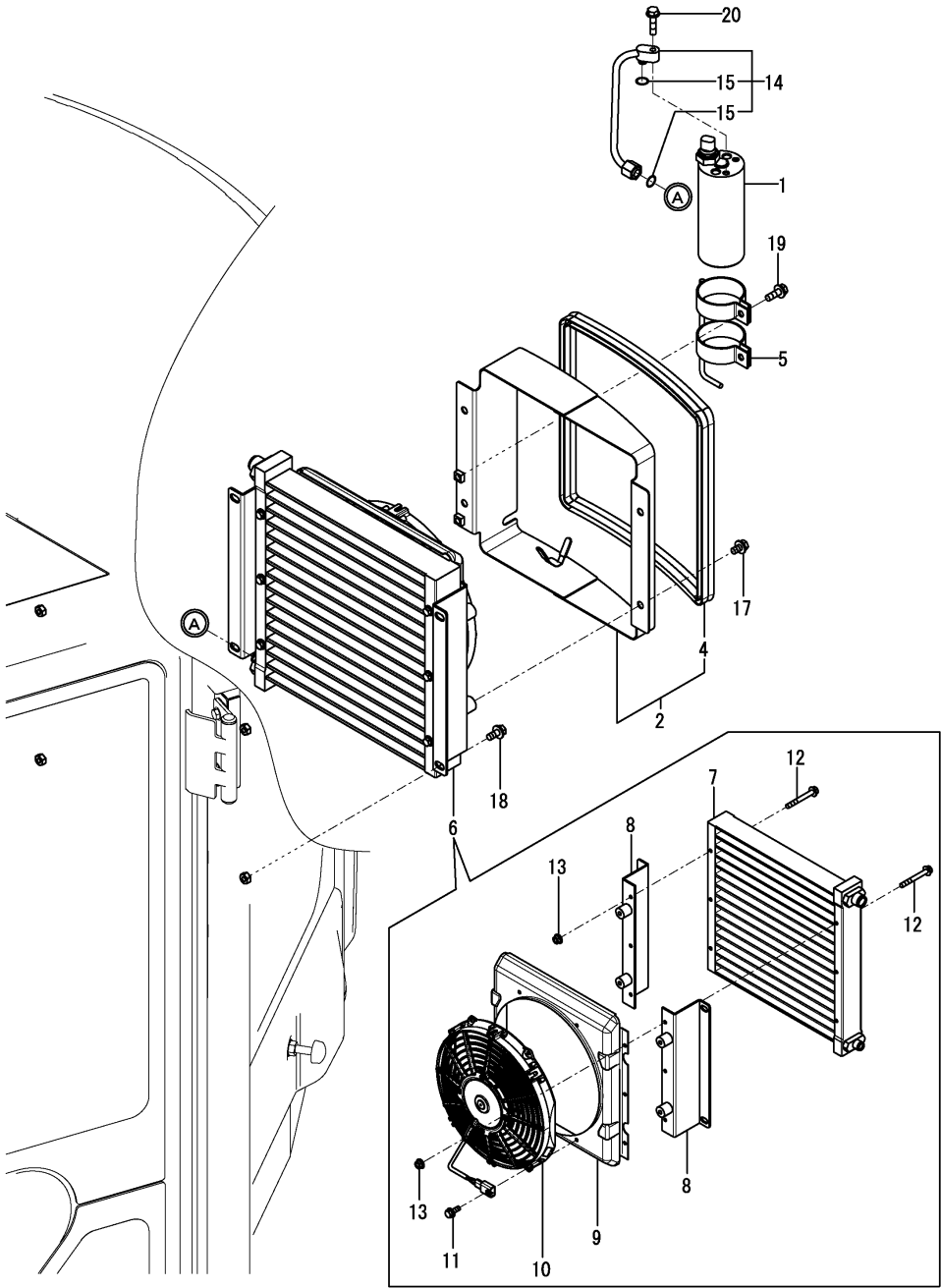
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A7550-08811	NUT, M6X15		1						
2	1	172A47-11200	PULLEY		1						
3	1	172137-16560	BAND		1						
4	1	172B03-18100	COMPRESSOR ASSY		1						
5	1	172445-18131	PULLEY, TENSION		1						
6	1	172B05-18400	BRACKET ASSY, PULLY		1						
7	1	172B05-18450	PLATE, PULLY		1						
8	1	172165-18630	ADJUSTER ASSY		1						
9	1	172165-18670	BOSS		1						
10	1	172B05-18810	BRACKET ASSY, COMP-A		1						
11	1	172B05-18880	BRACKET ASSY, COMP-B		1						
12	1	172B04-18900	COVER, COMPRESSOR		1						
13	1	172445-18960	V-BELT		1						
14	1	1A1040-43900	WASHER, SPRING		1						
15	1	172156-61320	COLLAR		1						
16	1	22190-080002	WASHER, SEAL 8		4						
17	1	22217-060000	WASHER, SPRING 6		1						
18	1	22217-080000	WASHER, SPRING 8		1						
19	1	22252-000400	RING, 40		1						
20	1	24104-062030	BEARING, 6203UUC3		1						
21	1	26013-080252	BOLT, M8X 25		1						
22	1	26013-100202	BOLT, M10X 20		3						
23	1	26014-080202	BOLT, M8X 20		2						
24	1	26014-080302	BOLT, M8X 30		1						
25	1	26014-080402	BOLT, M8X 40		1						
26	1	26106-080252	BOLT, M8X 25 PLATED		2						
27	1	26106-080252	BOLT, M8X 25 PLATED		1						
28	1	26106-080352	BOLT, M8X 35 PLATED		4						
29	1	26716-060002	NUT, M6		1						
30	1	26716-080002	NUT, M8		1						

Fig.46. AIR CONDITIONER(CONDENSER RELATED)

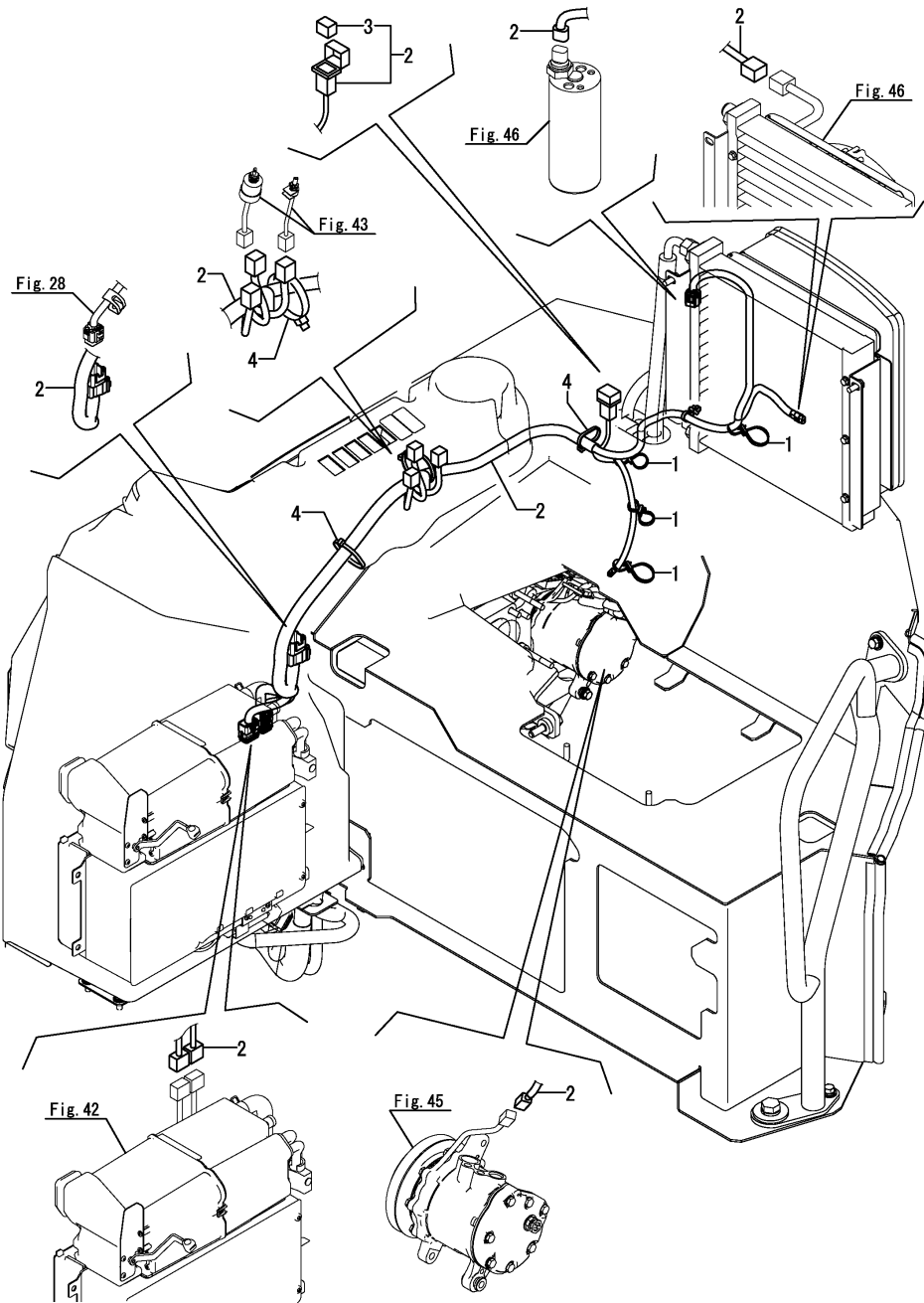
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B06-18450	DRIER, RECEIVER		1						
2	1	172B03-18940	DUCT ASSY		1						
4	2	172A64-65160	SEAL, 1170		1						
5	1	172B03-18950	BRACKET ASSY, R/D		1						
6	1	172B03-19680	CONDENSER ASSY		1						
7	2	172B06-19260	CONDENSER		1						
8	2	172B03-19650	BRACKET ASSY, COND		2						
9	2	172B03-19660	COVER ASSY, COND FAN		1						
10	2	172B03-19670	MOTOR ASSY, FAN		1						
11	2	26106-060162	BOLT, M6X 16 PLATED		4						
12	2	26106-060602	BOLT, M6X 60 PLATED		6						
13	2	26366-060002	NUT, M6		6						
14	1	172B03-19780	PIPE ASSY		1						
15	2	172B06-18700	O-RING		2						
17	1	26014-080162	BOLT, M8X 16		4						
18	1	26014-080202	BOLT, M8X 20		4						
19	1	26014-080252	BOLT, M8X 25		2						
20	1	26106-060252	BOLT, M6X 25 PLATED		1						

Fig.47. AIR CONDITIONER(ELECTRIC PARTS)

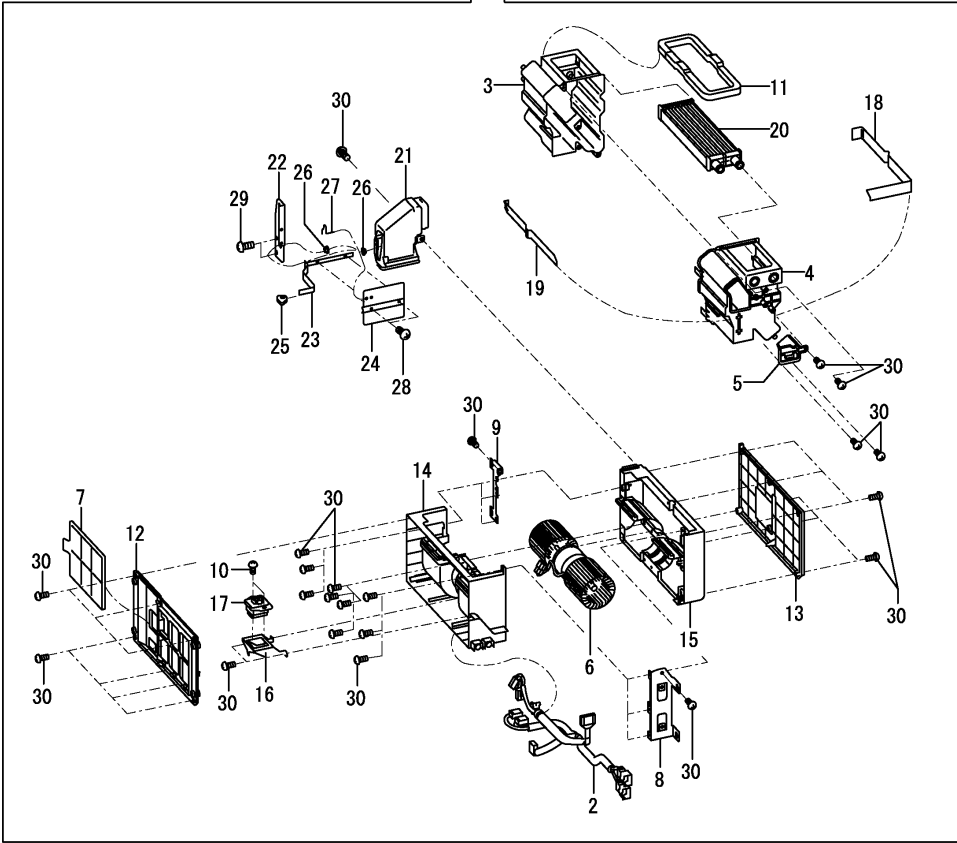
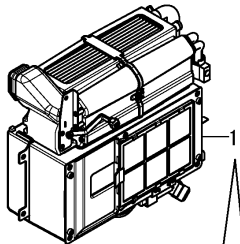


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND		4						
2	1	172B04-16850	HARNESS ASSY,A/C		1						
3	2	1E8235-84910	DIODE, 090 31		1						
4	1	194202-56460	BAND, 200		3						

Fig.48. HEATER(UNIT)



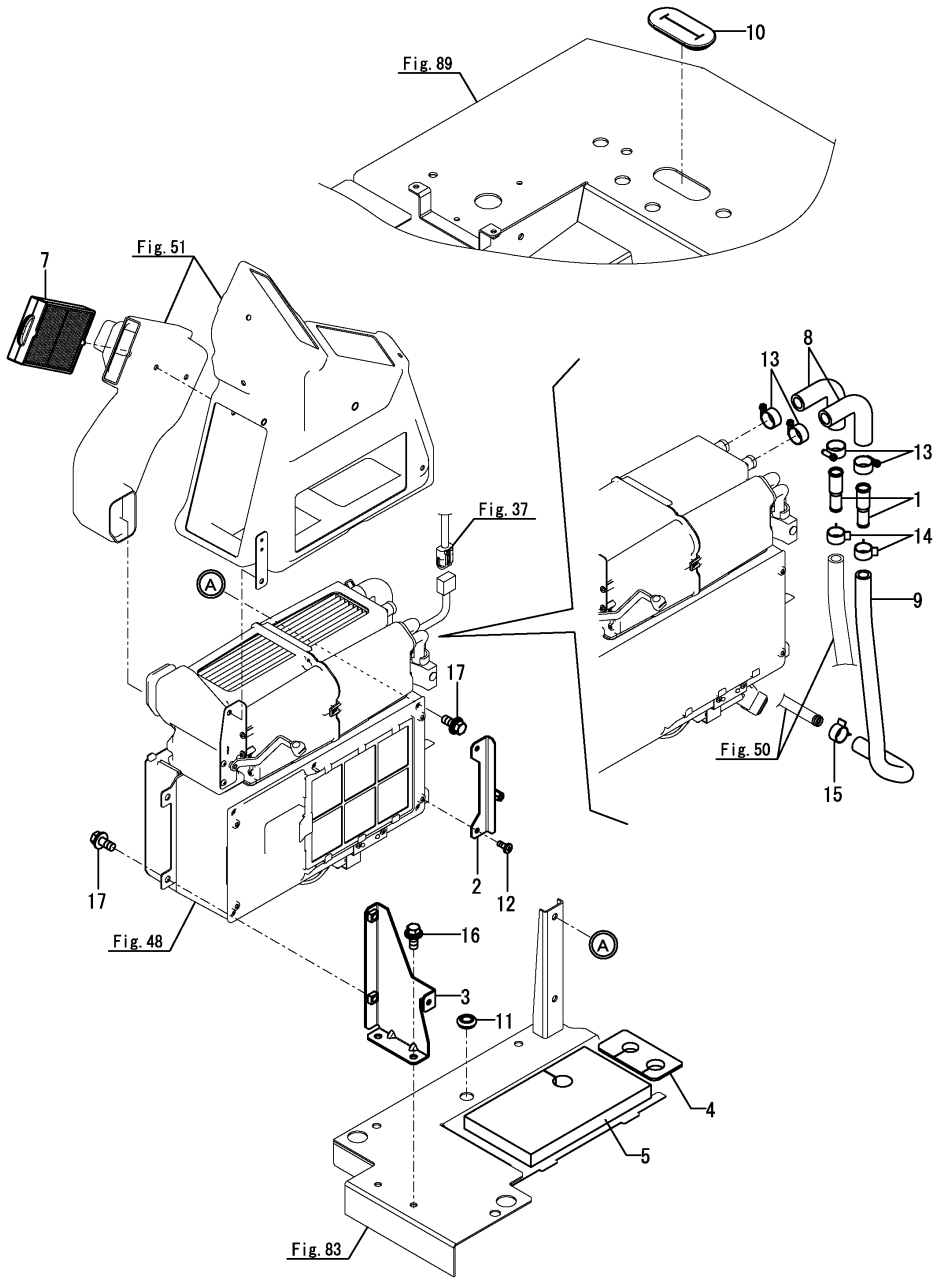
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-17600	HEATER ASSY		1						
2	2	172B03-17610	HARNESS ASSY, HEATER		1						
3	2	172B03-17620	CASE, UPPER FEMALE		1						
4	2	172B03-17630	CASE, UPPER MALE		1						
5	2	172B03-17640	COVER, HEATER		1						
6	2	172B06-18970	MOTOR ASSY,BLOWER		1						
7	2	172B03-19120	FILTER, REC		1						
8	2	172B03-19130	BRACKET, 1		1						
9	2	172B03-19140	BRACKET, 2		1						
10	2	172B06-19150	SCREW, PAN HEAD		2						
11	2	172B03-19220	SEAL, OUTLET		1						
12	2	172B03-19230	COVER, FRONT		1						
13	2	172B03-19240	COVER, BACK		1						
14	2	172B03-19250	CASE ASSY, LOW FRONT		1						
15	2	172B03-19260	CASE ASSY, LOW BACK		1						
16	2	172B03-19270	MOUNT, RESISTOR		1						
17	2	172B03-19320	RESISTOR		1						
18	2	172B03-19370	SEAL, AC-UNIT 1		1						
19	2	172B03-19380	SEAL, AC-UNIT 2		1						
20	2	172B03-19440	HEATER ASSY		1						
21	2	172B03-19450	DUCT ASSY		1						
22	2	172B03-19460	BRACKET, DUCT		1						
23	2	172B03-19470	LEVER ASSY, DOOR		1						
24	2	172B03-19480	DOOR ASSY		1						
25	2	172B03-19490	KNOB		1						
26	2	172B03-19500	SPACER, C		2						
27	2	172B03-19510	SPRING		1						
28	2	172B03-19520	SCREW, 3X6		2						
29	2	172B03-19530	SCREW, 4X10		2						
30	2	172B03-19540	SCREW, 4X16		34						

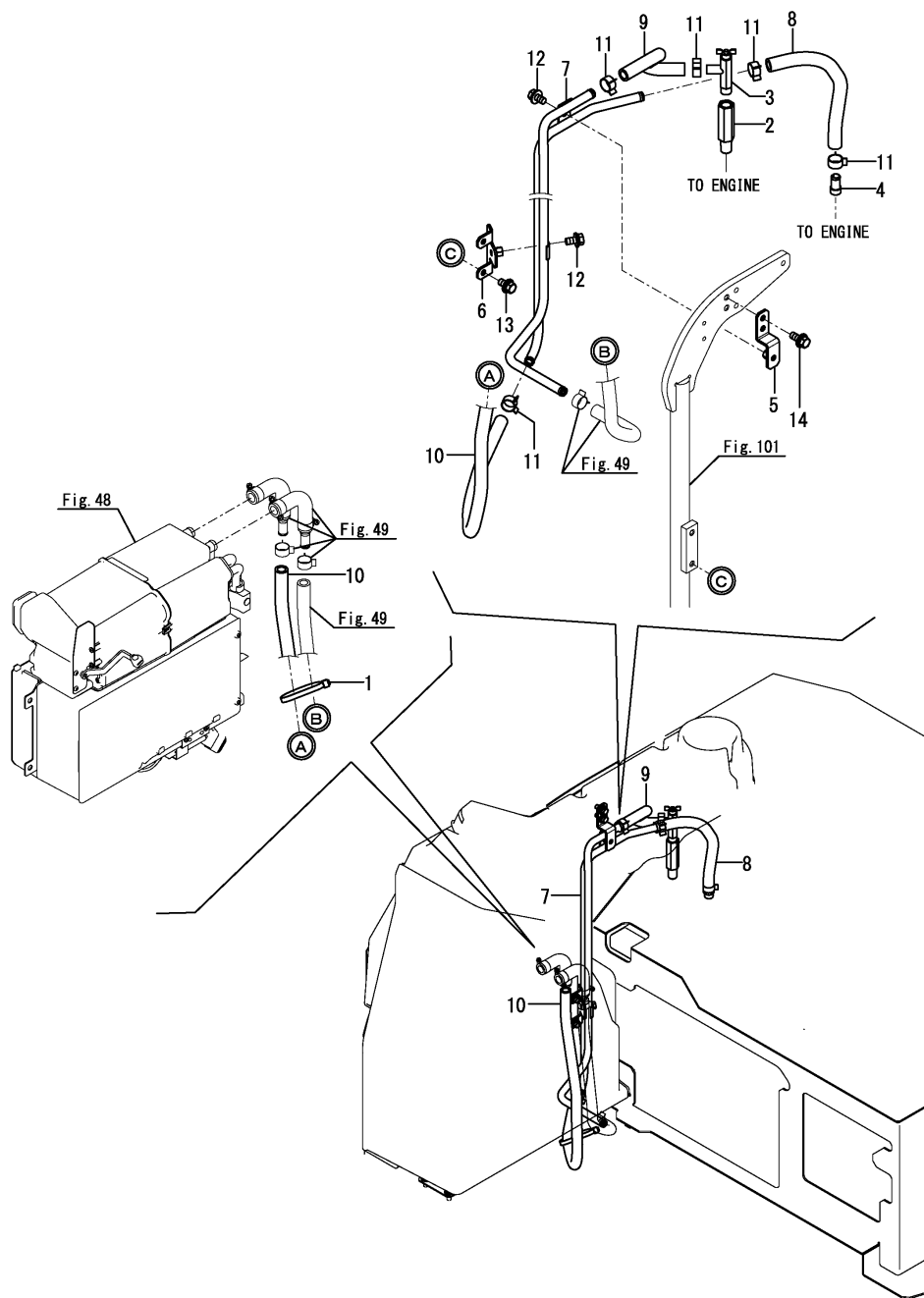
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



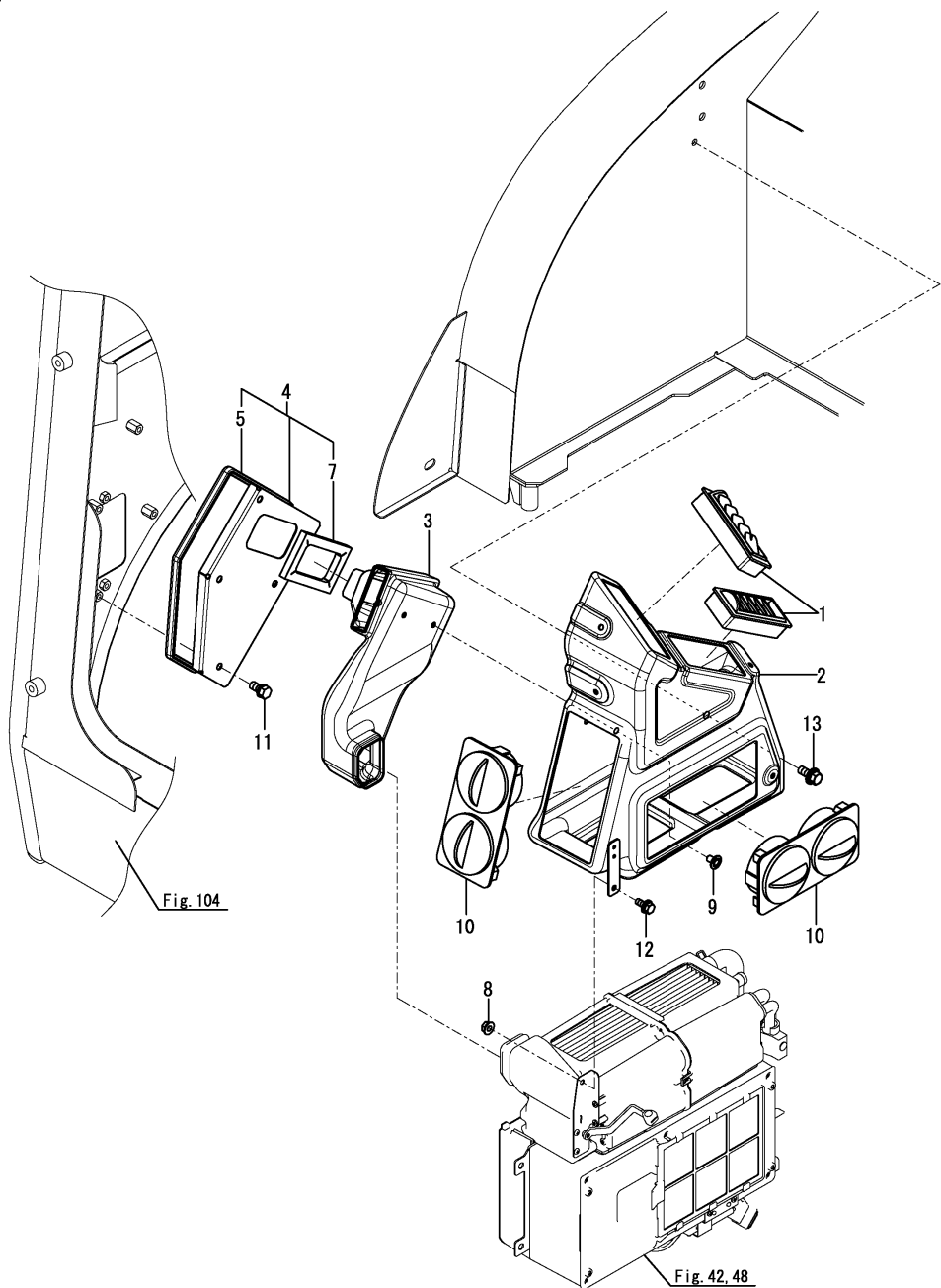
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-17930	JOINT, HOSE		2						
2	1	172B03-18310	STAY ASSY		1						
3	1	172B03-18350	BRACKET ASSY, AC F		1						
4	1	172B04-18560	GROMMET, HOSE-HEATER		1						
5	1	172B04-18580	SPONGE, PARTITION		1						
7	1	172B06-18420	FILTER, AIR		1						
8	1	172B03-19920	HOSE, HEATER ELBOW		2						
9	1	172B04-19980	HOSE, HEATER IN		1						
10	1	172B03-63450	GROMMET		1						
11	1	172183-76210	GROMMET		1						
12	1	22877-500120	SCREW, 5X12		2						
13	1	23001-022000	CLAMP, HOSE 22		4						
14	1	23080-018000	CLAMP, 18		2						
15	1	23080-018000	CLAMP, 18		1						
16	1	26014-080202	BOLT, M8X 20		2						
17	1	26014-080202	BOLT, M8X 20		4						

Fig.50. HEATER(PIPING)

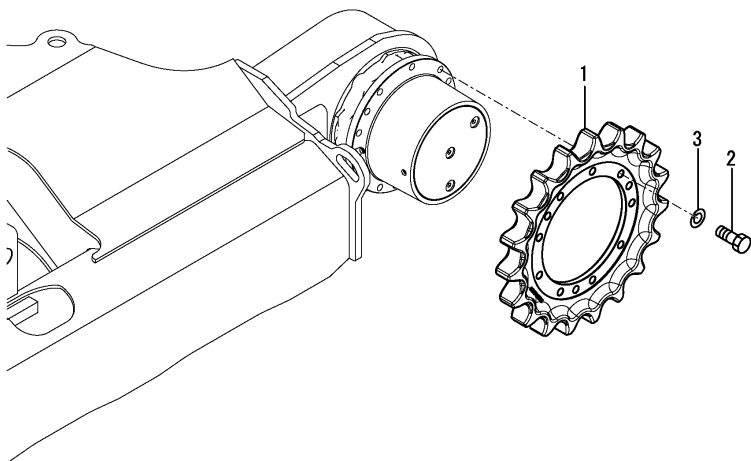


				(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I R
1	1	172126-11510	BAND		1					
2	1	172B04-17620	CONNECTOR, HEATER 90		1					
3	1	172425-17630	VALVE ASSY, HEATER		1					
4	1	172124-17640	JOINT, PIPE		1					
5	1	172B04-18600	STAY ASSY, H-PIPE A		1					
6	1	172B04-18640	STAY ASSY, H-PIPE B		1					
7	1	172B04-19710	PIPE ASSY, HEATER		1					
8	1	172B04-19860	HOSE, HEATER 340		1					
9	1	172B04-19870	HOSE, HEATER ENG-T4		1					
10	1	172B03-19950	HOSE, HEATER 640		1					
11	1	23080-018000	CLAMP, 18		5					
12	1	26014-080162	BOLT, M8X 16		2					
13	1	26014-080162	BOLT, M8X 16		2					
14	1	26014-080202	BOLT, M8X 20		2					

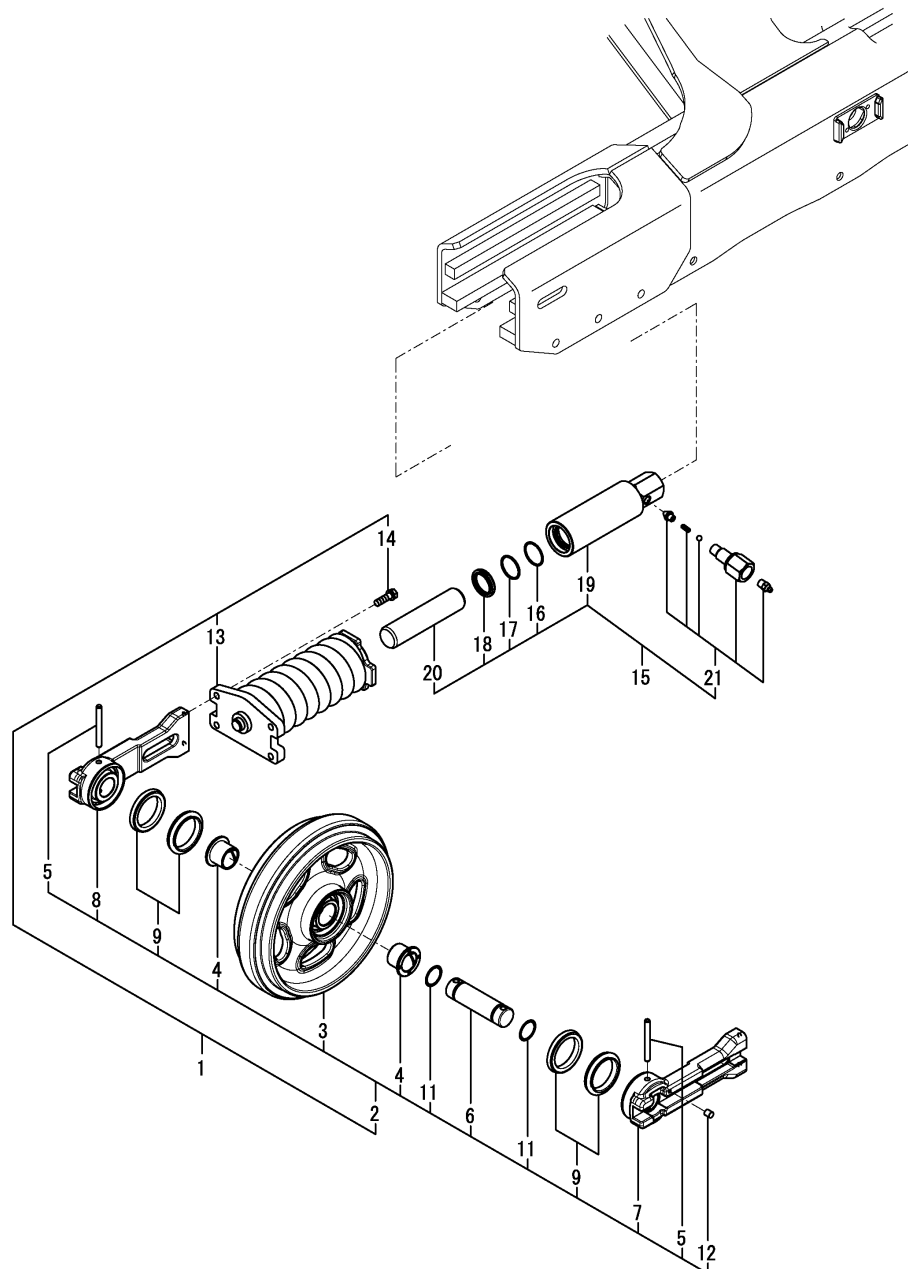
Fig.51. DUCT(AIR CONDITIONER & HEATER)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US)	(D)=	I	R
				(B)=VIO50-6A C(US)	(E)=		
				(C)=	(F)=		
				(A)	(B)	Q'ty	
				(C)	(D)	(E)	(F)
1	1	172458-17700	GRILLE		2		
2	1	172B03-18700	DUCT ASSY		1		
3	1	172B03-18740	DUCT		1		
4	1	172B03-18760	DUCT ASSY, INTAKE		1		
5	2	172A65-13290	TRIM		1		
7	2	172B03-18780	SEAL, DUCT		1		
8	1	194990-22130	NUT, M6		1		
9	1	1A8060-84280	RIVET, PUSH		2		
10	1	1A7030-87411	GRILLE ASSY, FRONT		2		
11	1	26013-080162	BOLT, M8X 16		4		
12	1	26014-060162	BOLT, M6X 16		1		
13	1	26014-080202	BOLT, M8X 20		1		

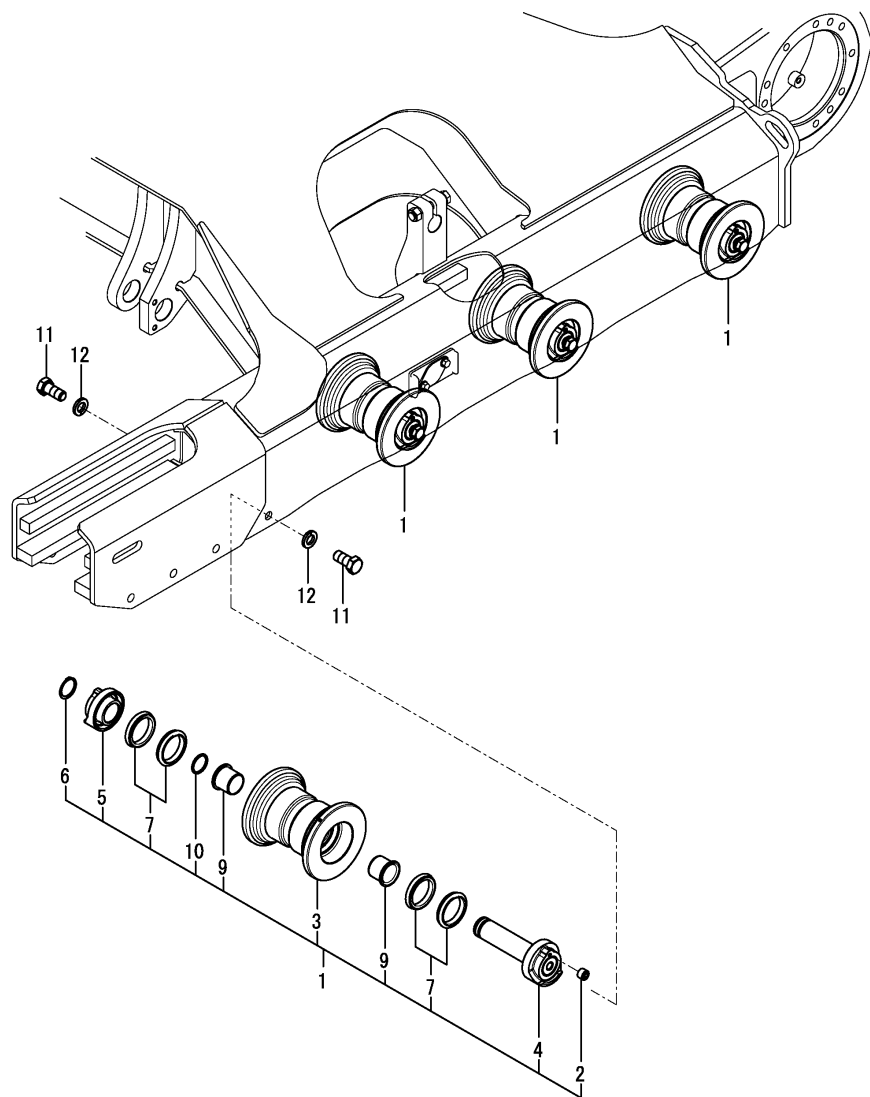


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-29100	SPROCKET, 19	2	2						
2	1	172455-29140	BOLT	24	24						
3	1	22217-140000	WASHER, SPRING 14	24	24						

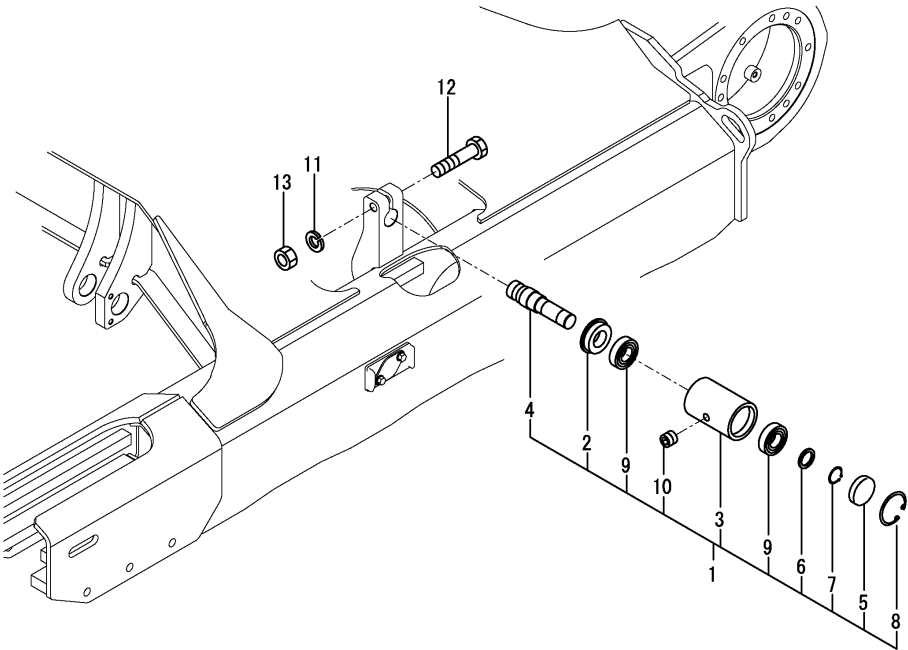


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-37090	IDLER ASSY	2	2						
2	2	172B06-37100	IDLER ASSY,340	2	2						
3	3	172B06-37110	IDLER,340	2	2						
4	3	172B06-37120	BUSH,IDLER	4	4						
5	3	172B06-37130	PIN,10X95	4	4						
6	3	172B06-37140	SHAFT,IDLER	2	2						
7	3	172B06-37150	SEAL,COVER IDLER A	2	2						
8	3	172B06-37160	SEAL,COVERIDLER B	2	2						
9	3	172B04-37200	SEAL KIT, IDLER	4	4						
11	3	172B06-37180	O-RING	4	4						
12	3	172B06-37190	PLUG	2	2						
13	2	172B06-37700	SPRING ASSY, CRAWL	2	2						
14	2	26013-120402	BOLT, M12X 40	8	8						
15	1	172B06-37901	CYLINDER ASSY, ADJUS	2	2						
16	2	172B06-37870	O-RING	2	2						
17	2	172B06-37880	RING, BACK UP	2	2						
18	2	172B06-37890	SEAL, DUST	2	2						
19	2	172B06-37911	TUBE ASSY,ADJUST	2	2						
20	2	172B06-37940	PISTON	2	2						
21	2	172B06-37951	NIPPLE,VALVE	2	2						

Fig.54. TRACK ROLLER



				(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	172B04-37300	ROLLER ASSY, TRACK	8	8						
2	2	172B06-37190	PLUG	8	8						
3	2	172B04-37310	ROLLER, LOWER	8	8						
4	2	172B06-37320	SHAFT ASSY	8	8						
5	2	172B06-37350	COVER,SEAL B	8	8						
6	2	172B06-37360	RING, SNAP	8	8						
7	2	172B04-37220	SEAL KIT, TRACK	16	16						
9	2	172B06-37390	BUSH,TRACK ROLLER	16	16						
10	2	172B06-37400	O-RING	8	8						
11	1	172490-37320	BOLT	16	16						
12	1	22217-160000	WASHER, SPRING 16	16	16						

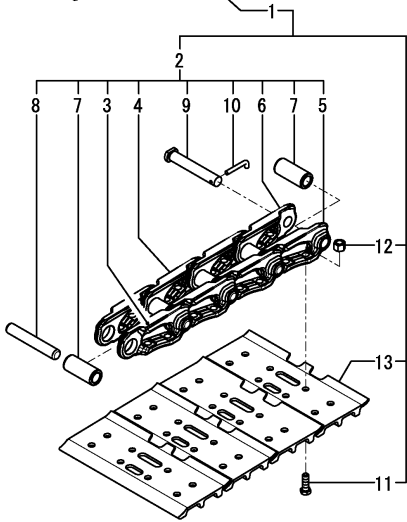
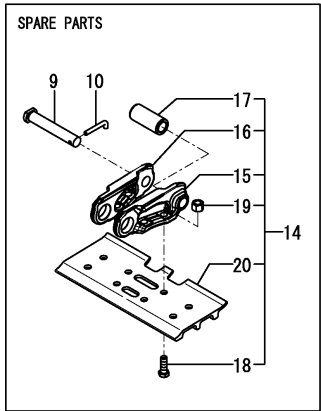


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-37501	ROLLER ASSY, CARRIER	2	2						
2	2	172164-37351	SEAL, OIL	2	2						
3	2	172478-37511	ROLLER, CARRIER	2	2						
4	2	172478-37521	SHAFT,CARRIER ROLLER	2	2						
5	2	172478-37540	CAP, ROLLER	2	2						
6	2	172478-37550	WASHER, CARRIER	2	2						
7	2	22242-000300	RING, 30	2	2						
8	2	22252-000621	RING, 62	2	2						
9	2	24105-062064	BEARING, BALL 6206Z	4	4						
10	2	933171-13691	PLUG	2	2						
11	1	22217-160000	WASHER, SPRING 16	2	2						
12	1	26116-160852	BOLT, M16X 85 PLATED	2	2						
13	1	26716-160002	NUT, M16	2	2						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-38400	SHOE ASSY, TRACK 350	2	2						
2	2	172B05-38120	LINK ASSY, TRACK 400	2	2						
3	3	172B05-38130	LINK, TRACK L	78	78						
4	3	172B05-38140	LINK, TRACK R	78	78						
5	3	172B05-38150	LINK, MASTER L	2	2						
6	3	172B05-38160	LINK, MASTER R	2	2						
7	3	172B05-38170	BUSH, TRACK	80	80						
8	3	172B05-38180	PIN, TRACK	78	78						
9	3	172B05-38190	PIN, MASTER	2	2						
10	3	172B05-38200	PIN, CLAMPING	2	2						
11	2	172B05-38210	BOLT, SHOE	320	320						
12	2	172B05-38220	NUT, SHOE	320	320						
13	2	172B04-38410	SHOE, TRACK 350	80	80						
14	1	172B04-38500	TRACK, MASTER 350	1	1						1
15	2	172B05-38150	LINK, MASTER L	1	1						
16	2	172B05-38160	LINK, MASTER R	1	1						
17	2	172B05-38170	BUSH, TRACK	1	1						
18	2	172B05-38210	BOLT, SHOE	4	4						
19	2	172B05-38220	NUT, SHOE	4	4						
20	2	172B04-38410	SHOE, TRACK 350	1	1						



Remarks
(1)Spare parts.

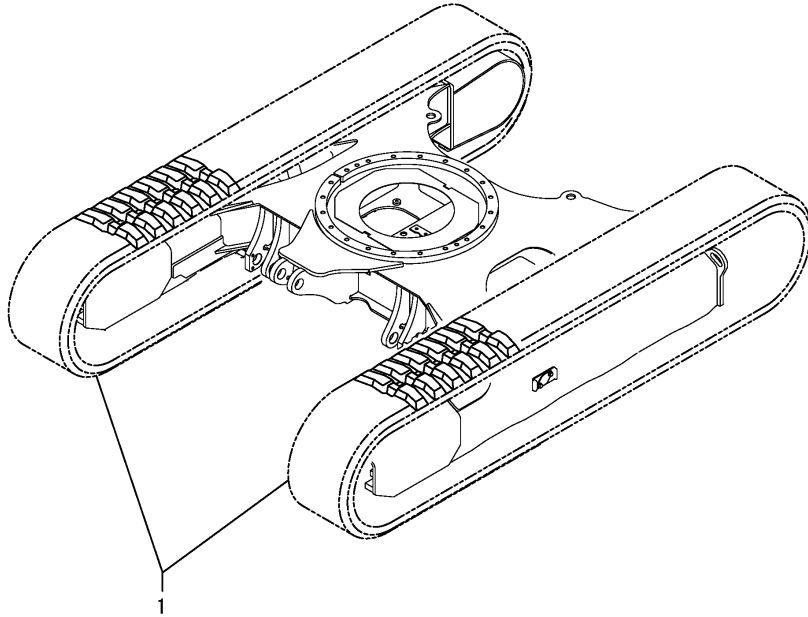
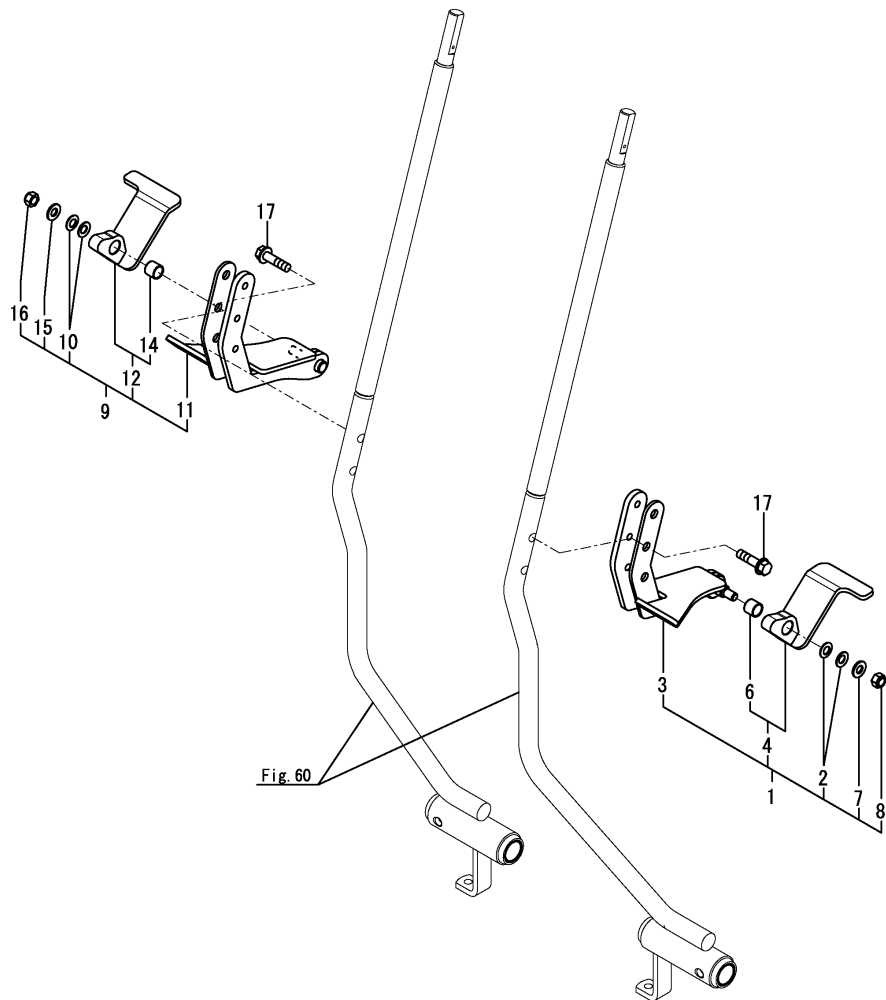
[illegible]

Fig.58. TRAVEL PEDAL

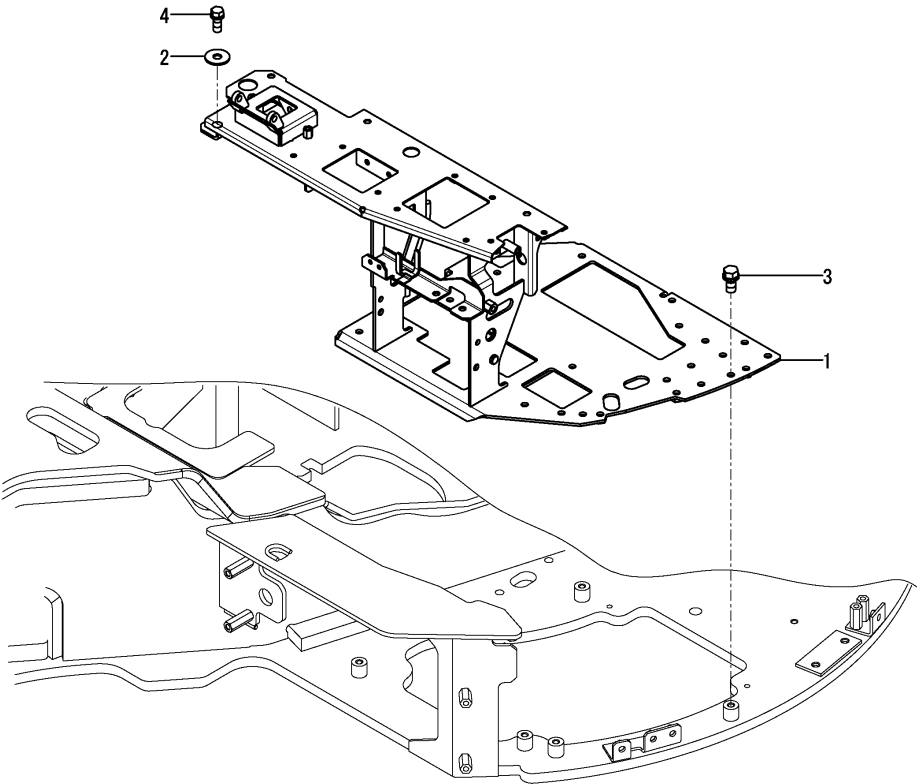


				(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	172B03-44600	PEDAL ASSY, TRACK L	1	1						
2	2	172068-28490	SPRING	2	2						
3	2	172B03-44610	PEDAL ASSY, TRACK FL	1	1						
4	2	172B03-44650	PEDAL ASSY, TRACK RL	1	1						
6	3	172110-45050	BUSH	1	1						
7	2	22137-080000	WASHER, 8	1	1						
8	2	26347-080002	NUT, M8	1	1						
9	1	172B03-44700	PEDAL ASSY, TRACK R	1	1						
10	2	172068-28490	SPRING	2	2						
11	2	172B03-44710	PEDAL ASSY, TRACK FR	1	1						
12	2	172B03-44750	PEDAL ASSY, TRACK RR	1	1						
14	3	172110-45050	BUSH	1	1						
15	2	22137-080000	WASHER, 8	1	1						
16	2	26347-080002	NUT, M8	1	1						
17	1	26106-080302	BOLT, M8X 30 PLATED	4	4						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-45602	MOUNT ASSY, LINK	1	1						
2	1	22157-100000	WASHER, 10	2	2						
3	1	26013-100202	BOLT, M10X 20	4	4						
4	1	26013-100252	BOLT, M10X 25	2	2						

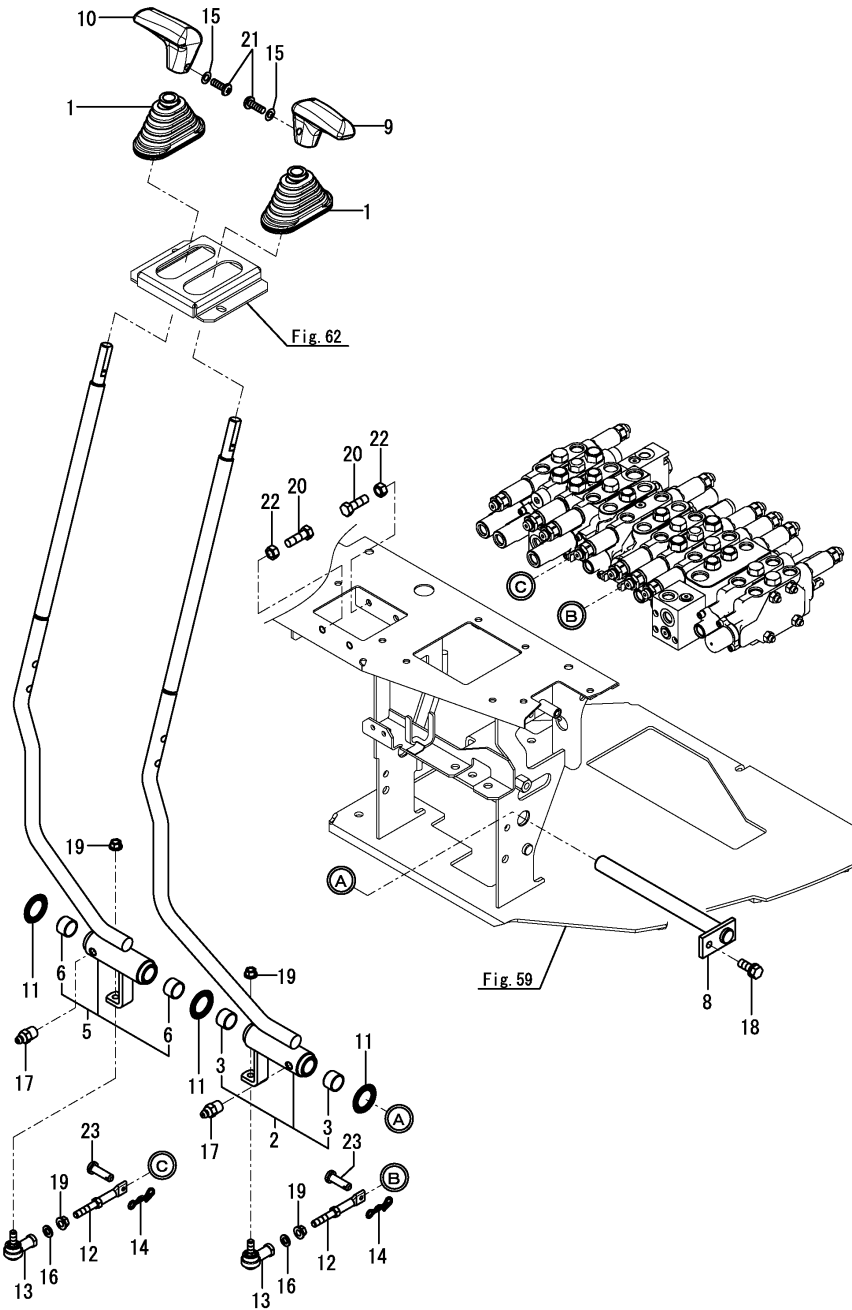


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

Q'ty

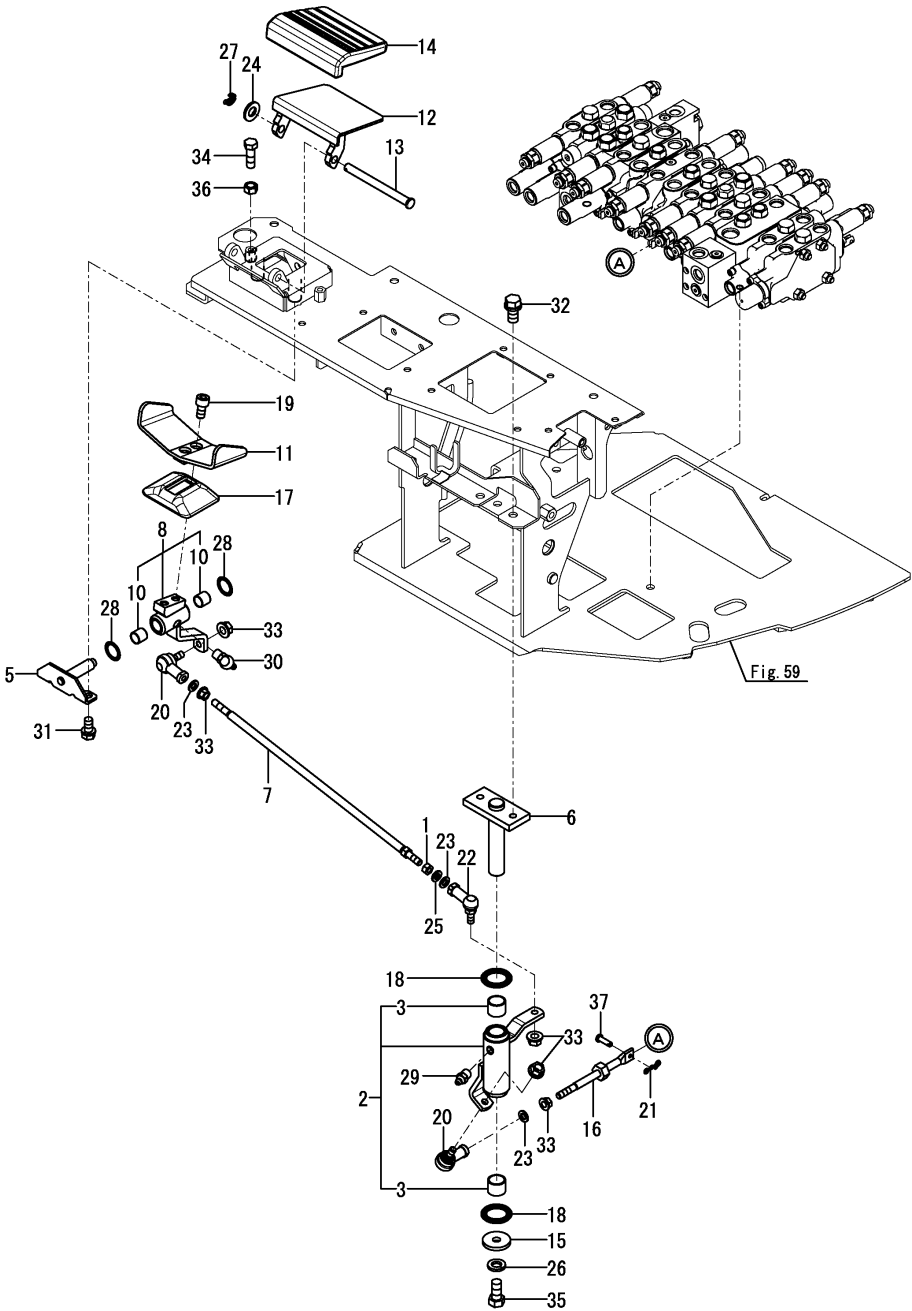
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2						
2	1	172B03-45101	LEVER ASSY, TRACK L	1	1						
3	2	172141-41370	BUSH	2	2						
5	1	172B03-45151	LEVER ASSY, TRACK R	1	1						
6	2	172141-41370	BUSH	2	2						
8	1	172B03-45401	SHAFT ASSY	1	1						
9	1	172187-45870	GRIP, DRIVE	1	1						
10	1	172187-45880	GRIP, DRIVE	1	1						
11	1	172124-46200	O-RING	3	3						
12	1	172124-46340	ROD ASSY, SPOOL	2	2						
13	1	172122-46590	ELBOW	2	2						
14	1	1C6281-52310	PIN, SNAP 6	2	2						
15	1	22117-040000	WASHER, 4	2	2						
16	1	22117-080000	WASHER, 8	2	2						
17	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
18	1	26013-080202	BOLT, M8X 20	1	1						
19	1	26051-080002	NUT, M8	4	4						
20	1	26116-080304	BOLT, M8X 30 PLATED	4	4						
21	1	26587-040122	SCREW, M4X12	2	2						
22	1	26716-080002	NUT, M8	4	4						
23	1	933110-54100	PIN	2	2						



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

(D)=
(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						
2	1	172B03-45200	LINK ASSY, SWING	1	1						
3	2	172141-41370	BUSH	2	2						
5	1	172458-45230-1	SHAFT, PEDAL	1	1						
6	1	172B03-45250	BRACKET, SWING	1	1						
7	1	172B03-45300	ROD ASSY, 420	1	1						
8	1	172B03-45320	LINK ASSY, PEDAL	1	1						
10	2	24550-014150	BUSH, 14X15	2	2						
11	1	172458-45521-1	PEDAL, SWING	1	1						
12	1	172458-45540-1	COVER, PEDAL	1	1						
13	1	172187-45651	SHAFT	1	1						
14	1	172187-45760	PAD	1	1						
15	1	1A1040-45890	WASHER, 10X36X4.5	1	1						
16	1	172823-45940	ROD ASSY	1	1						
17	1	172157-45990	BOOT, PEDAL	1	1						
18	1	172124-46200	O-RING	2	2						
19	1	172165-46340	BOLT	2	2						
20	1	172122-46590	ELBOW	2	2						
21	1	1C6281-52310	PIN, SNAP 6	1	1						
22	1	1E6740-64200	BALL, LINK BL8DL	1	1						
23	1	22117-080000	WASHER, 8	3	3						
24	1	22137-100000	WASHER, 10	1	1						
25	1	22217-080000	WASHER, SPRING 8	1	1						
26	1	22217-100000	WASHER, SPRING 10	1	1						
27	1	22417-250200	PIN, COTTER 2.5X20	1	1						
28	1	24311-000210	O-RING, 1AP21.0	2	2						
29	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
30	1	24761-040000	NIPPLE, GREASE B	1	1						
31	1	26013-080162	BOLT, M8X 16	2	2						
32	1	26013-100202	BOLT, M10X 20	2	2						
33	1	26051-080002	NUT, M8	5	5						
34	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
35	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
36	1	26716-080002	NUT, M8	2	2						
37	1	933110-54100	PIN	1	1						



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

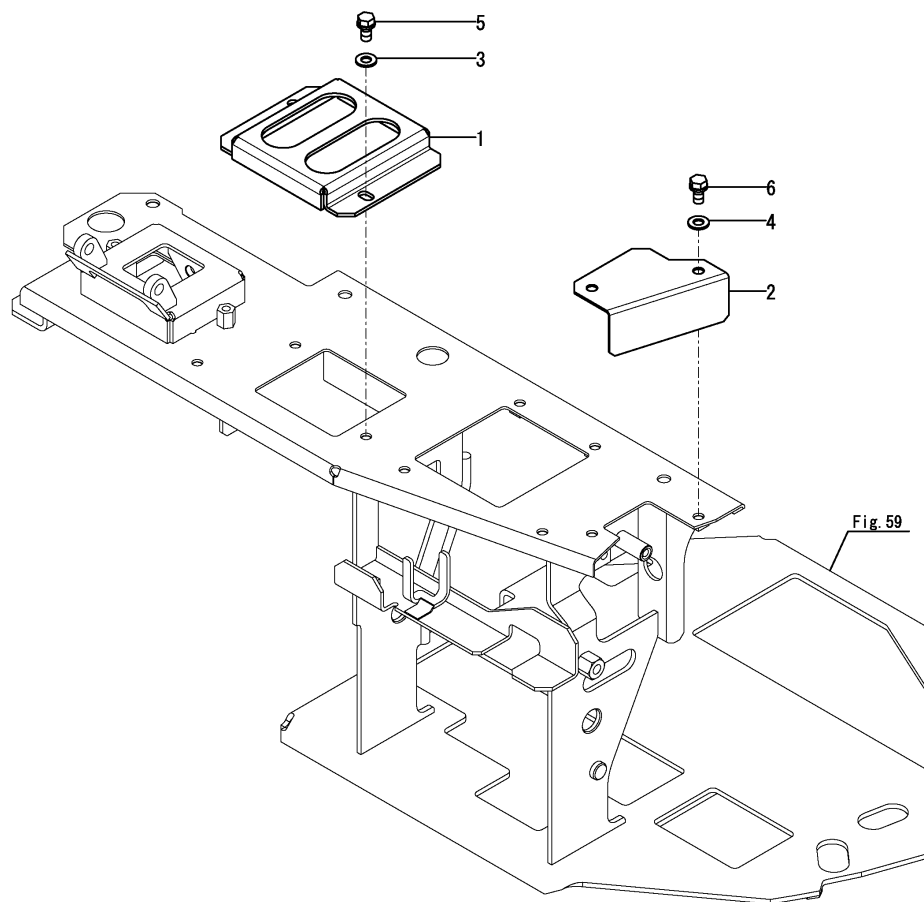


Fig. 59

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45510-1	BRACKET, BOOT	1	1						
2	1	172B03-45580	COVER, NO 2ND	1	1						
3	1	22137-080000	WASHER, 8	2	2						
4	1	22137-080000	WASHER, 8	2	2						
5	1	26013-080162	BOLT, M8X 16	2	2						
6	1	26013-080162	BOLT, M8X 16	2	2						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-45760	PAD	1	1						
2	1	172B03-46810	COVER ASSY	1	1						
3	1	26013-080162	BOLT, M8X 16	3	3						

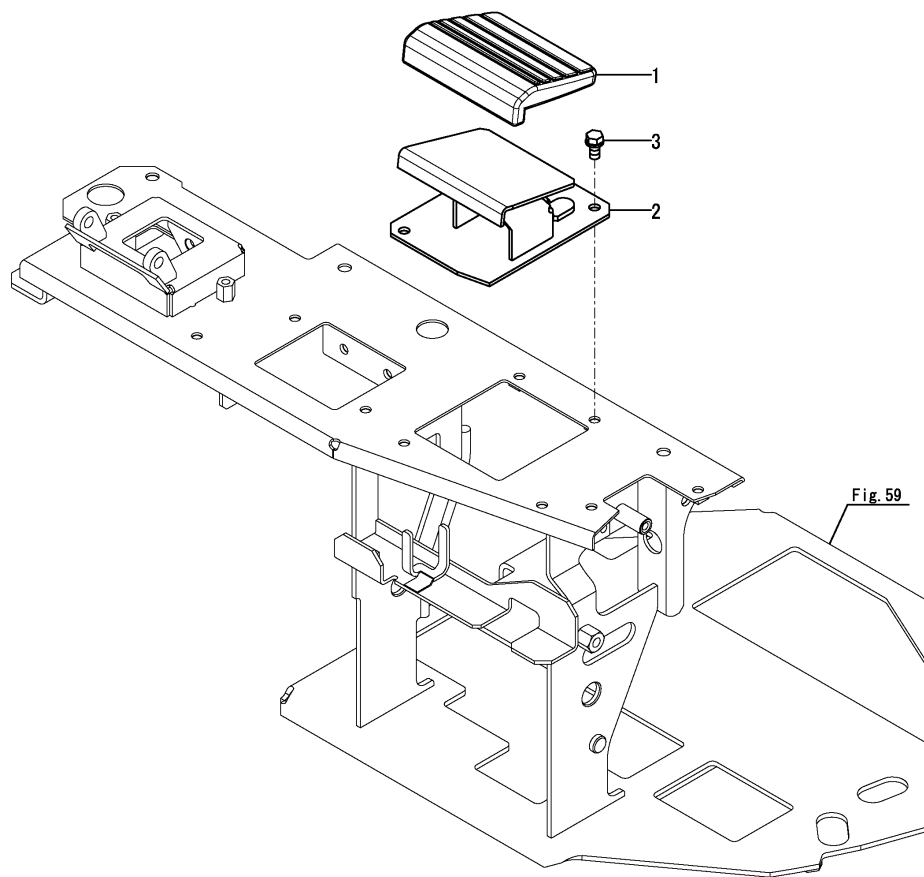
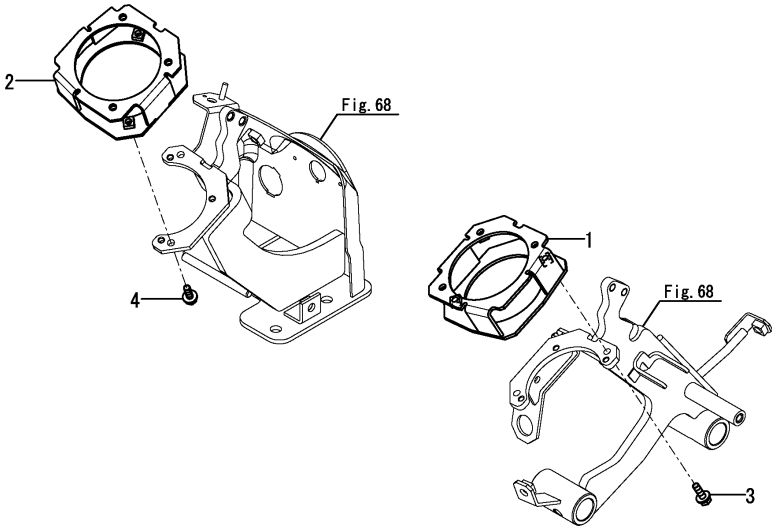


Fig. 59

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

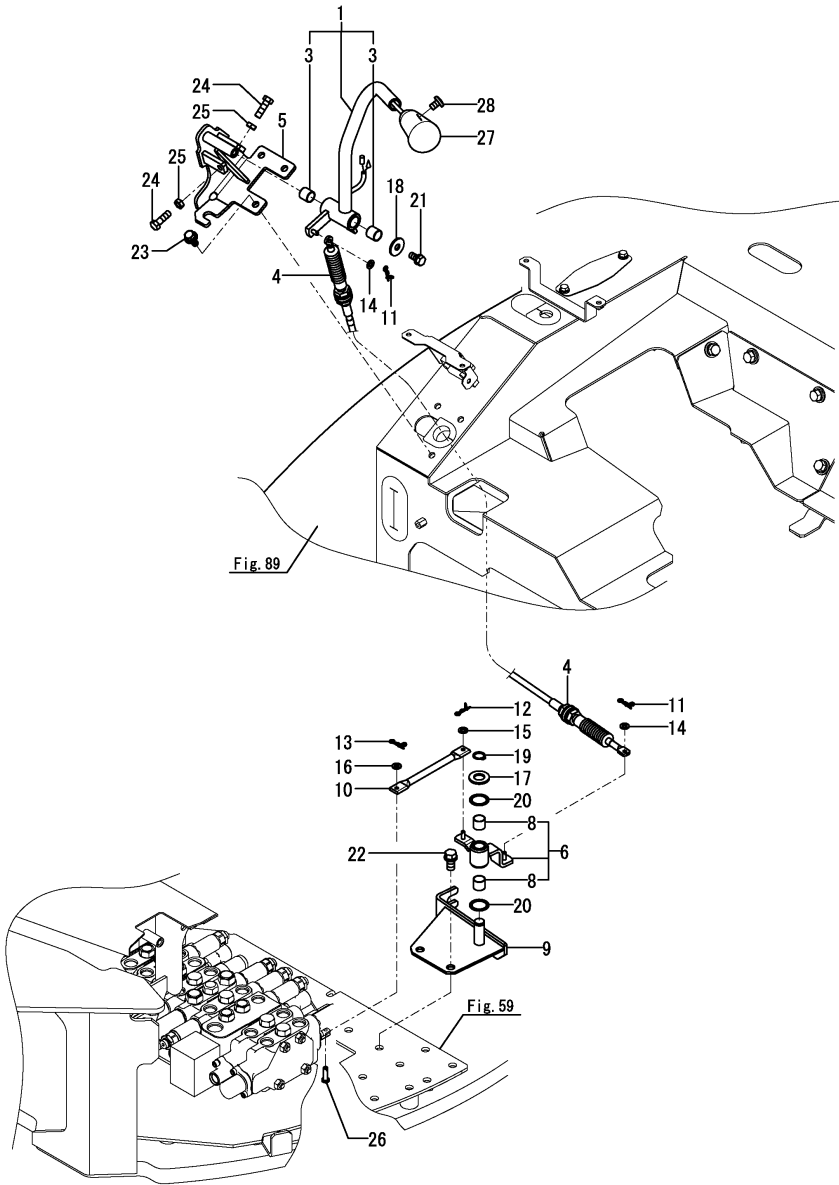
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-46010	SPACER ASSY, L	1	1						
2	1	172B03-46060	SPACER ASSY, R	1	1						
3	1	26014-060202	BOLT, M6X 20	2	2						
4	1	26014-060202	BOLT, M6X 20	2	2						



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

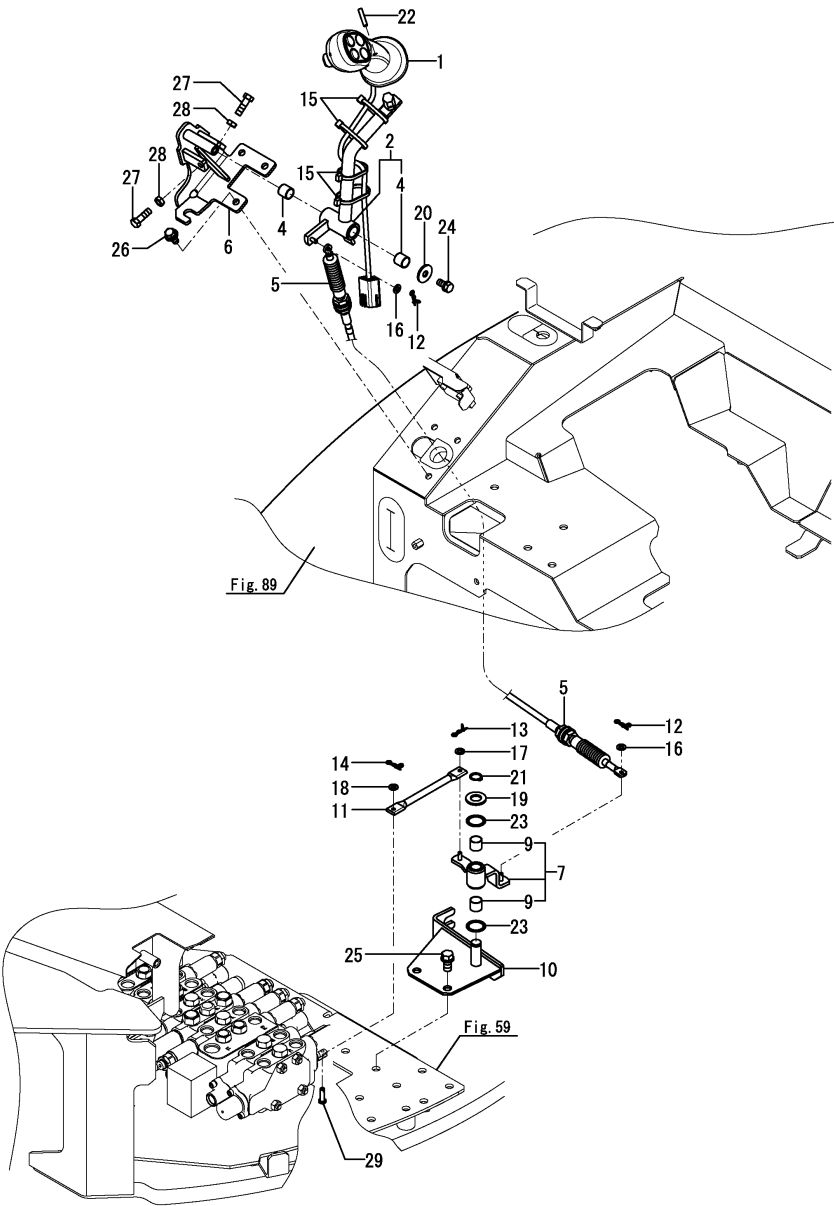
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-45450	LEVER ASSY, BLADE EX	1	1						
3	2	24550-014150	BUSH, 14X15	2	2						
4	1	172B03-45800	CABLE, BLADE	1	1						
5	1	172B03-45850	BRACKET ASSY, BLADE	1	1						
6	1	172B03-45900	BOSS ASSY, LINK	1	1						
8	2	24550-014150	BUSH, 14X15	2	2						
9	1	172B03-45950	SHAFT ASSY, LINK	1	1						
10	1	172B03-45990	ROD, 130	1	1						
11	1	1C6281-52310-1	PIN, SNAP 6	2	2						
12	1	1C6281-52310-1	PIN, SNAP 6	1	1						
13	1	1C6281-52310-1	PIN, SNAP 6	1	1						
14	1	22137-050000	WASHER, 5	2	2						
15	1	22137-050000	WASHER, 5	1	1						
16	1	22137-050000	WASHER, 5	1	1						
17	1	22137-140000	WASHER, 14	1	1						
18	1	22157-080000	WASHER, 8	1	1						
19	1	22242-000140	RING, 14	1	1						
20	1	24311-000210	O-RING, 1AP21.0	2	2						
21	1	26013-080162	BOLT, M8X 16	1	1						
22	1	26013-100202	BOLT, M10X 20	2	2						
23	1	26014-080202	BOLT, M8X 20	3	3						
24	1	26116-080252	BOLT, M8X 25 PLATED	2	2						
25	1	26756-080002	NUT, LOCK M8	2	2						
26	1	933110-54100	PIN	1	1						
27	1	172B03-17500	KNOB ASSY, BLADE SW	1	1						
28	1	26587-040062	SCREW, M4X 6	1	1						

Remarks
* Not applied for angle blade specification.

Fig.66. BLADE LEVER(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

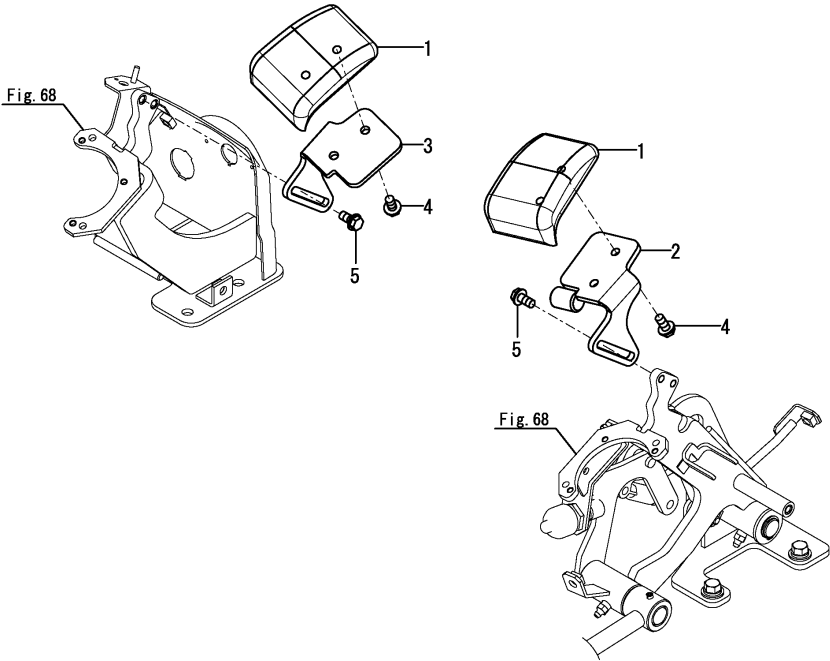
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B05-45350	GRIP, ANGLE BLADE	1	1						
2	1	172B05-45450	LEVER ASSY, ANGLE	1	1						
4	2	24550-014150	BUSH, 14X15	2	2						
5	1	172B03-45800	CABLE, BLADE	1	1						
6	1	172B03-45850	BRACKET ASSY, BLADE	1	1						
7	1	172B03-45900	BOSS ASSY, LINK	1	1						
9	2	24550-014150	BUSH, 14X15	2	2						
10	1	172B03-45950	SHAFT ASSY, LINK	1	1						
11	1	172B03-45990	ROD, 130	1	1						
12	1	1C6281-52310	PIN, SNAP 6	2	2						
13	1	1C6281-52310	PIN, SNAP 6	1	1						
14	1	1C6281-52310	PIN, SNAP 6	1	1						
15	1	194202-56460	BAND, 200	4	4						
16	1	22137-050000	WASHER, 5	2	2						
17	1	22137-050000	WASHER, 5	1	1						
18	1	22137-050000	WASHER, 5	1	1						
19	1	22137-140000	WASHER, 14	1	1						
20	1	22157-080000	WASHER, 8	1	1						
21	1	22242-000140	RING, 14	1	1						
22	1	22351-050025	PIN, SPRING 5.0X25	1	1						
23	1	24311-000210	O-RING, 1AP21.0	2	2						
24	1	26013-080162	BOLT, M8X 16	1	1						
25	1	26013-100202	BOLT, M10X 20	2	2						
26	1	26014-080202	BOLT, M8X 20	3	3						
27	1	26116-080252	BOLT, M8X 25 PLATED	2	2						
28	1	26756-080002	NUT, LOCK M8	2	2						
29	1	933110-54100	PIN	1	1						

Remarks
* Exclusive figure for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

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



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-46050	GRIP	1	1						
2	1	172B03-46100	STAND ASSY, LEVER	1	1						
3	2	172141-41370	BUSH	4	4						
5	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
6	1	172B03-46200	BASE ASSY, LEVER L	1	1						
7	1	172A69-46270	SPRING	1	1						
8	1	172B03-46310	ROD ASSY, GUIDE	1	1						
9	1	172B03-46350	LEVER ASSY, LOCK L	1	1						
10	1	172B03-46400	STAND ASSY, LEVER	1	1						
11	1	172455-46890	SPRING, GAS	1	1						
12	1	172165-47550	BUSH	1	1						
13	1	22137-080000	WASHER, 8	2	2						
14	1	22137-200000	WASHER, 20	1	1						
15	1	22242-000200	RING, 20	1	1						
16	1	22272-000070	RING, E- 7	1	1						
17	1	22351-035040	PIN, SPRING 3.5X40	1	1						
18	1	22351-060040	PIN, SPRING 6.0X40	1	1						
19	1	22417-200200	PIN, COTTER 2.0X20	2	2						
20	1	26014-100252	BOLT, M10X 25	3	3						
21	1	26014-100252	BOLT, M10X 25	3	3						

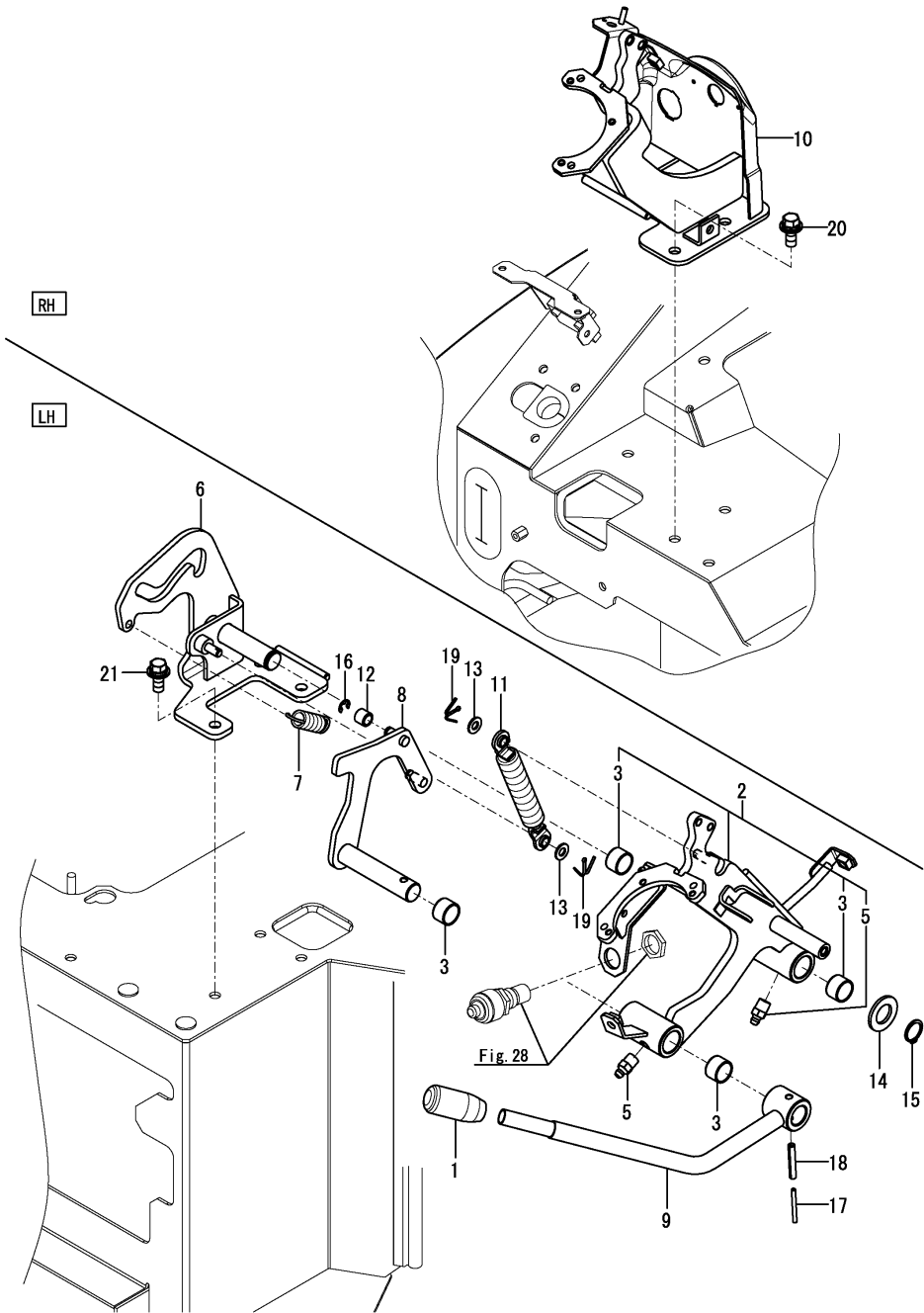
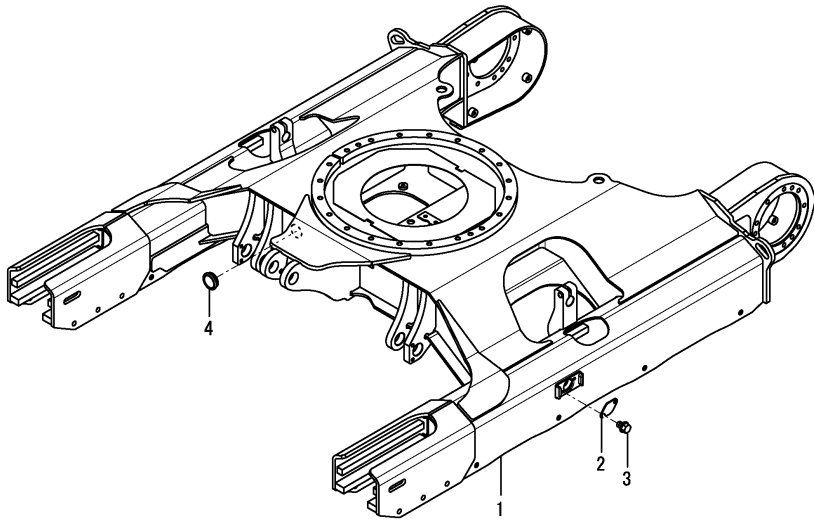


Fig.69. TRACK FRAME

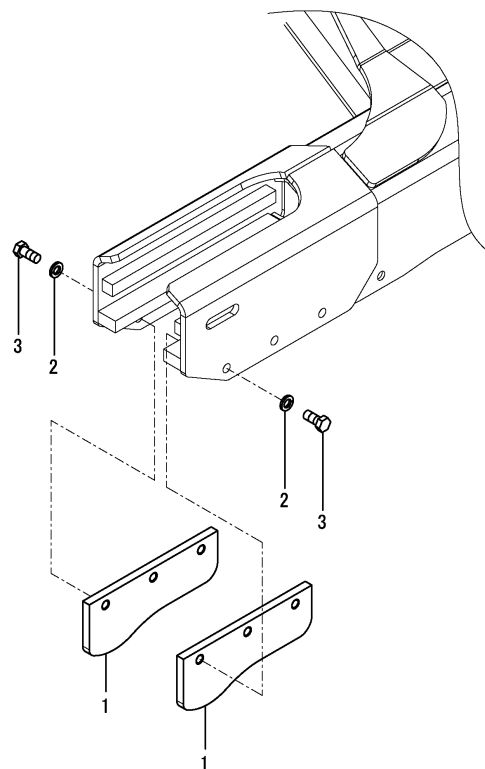


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-50100	FRAME ASSY, LOWER	1	1						
2	1	172458-50480-2	COVER, FRAME	2	2						
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4						
4	1	172141-50890	GROMMET	1	1						

Remarks
* Not applied for angle blade specification.



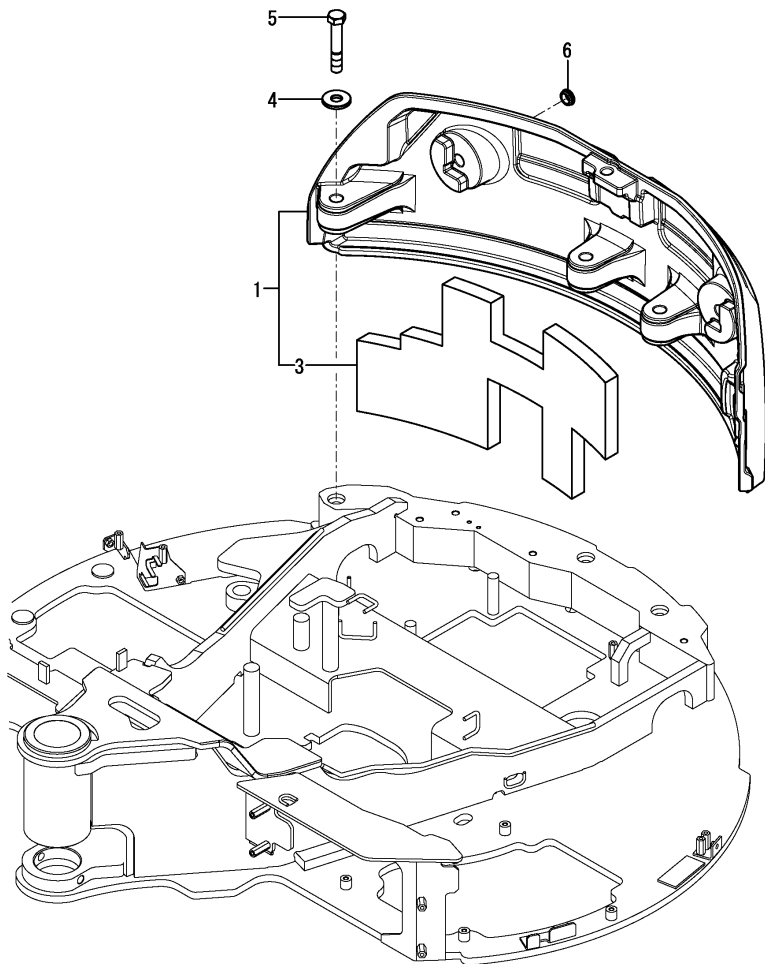
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172423-50810-3	GUARD, CRAWLER	4	4						1
2	1	22217-160000	WASHER, SPRING 16	12	12						1
3	1	26116-160352	BOLT, M16X 35 PLATED	12	12						1

(1)Iron crawler specification.

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

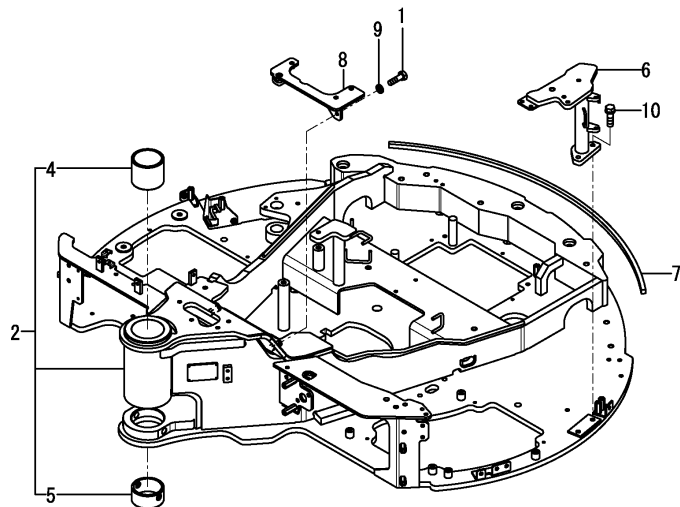
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Fig.71. COUNTER WEIGHT



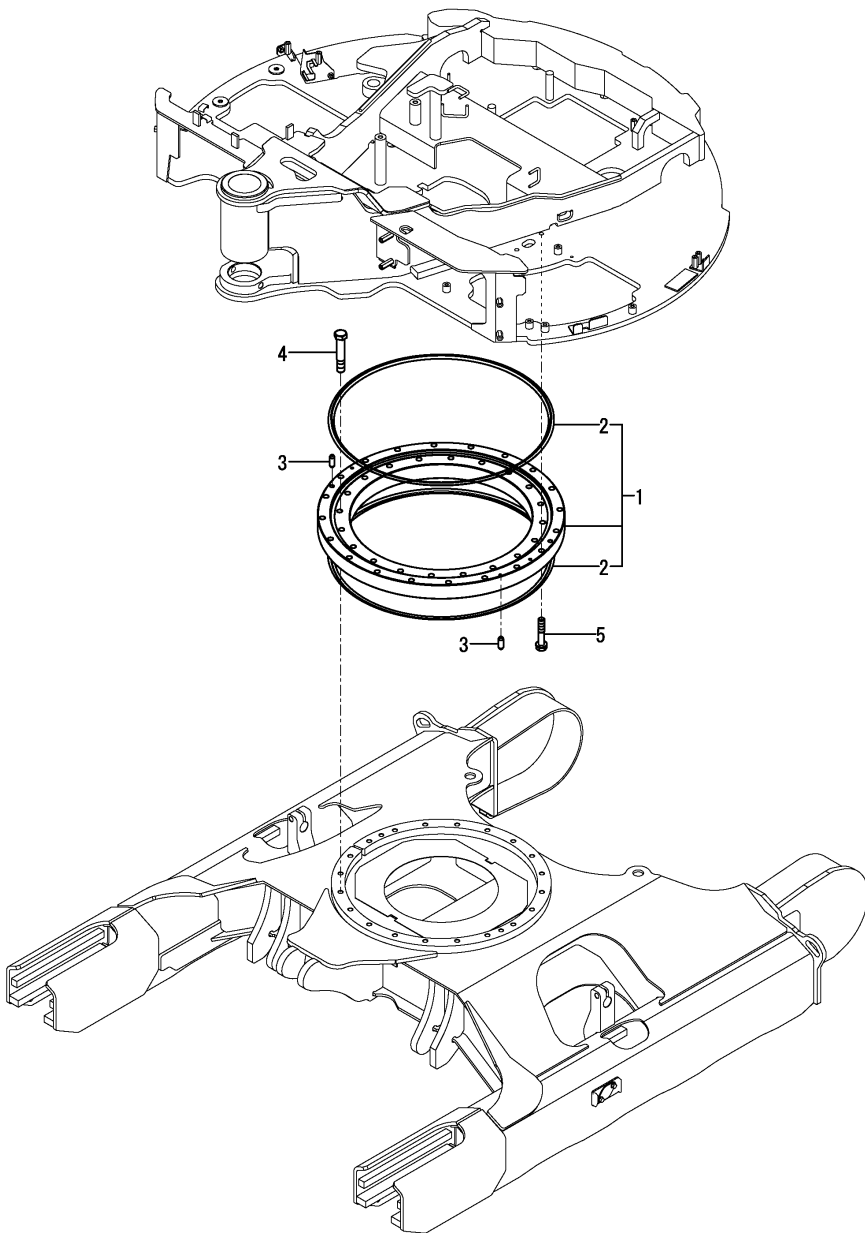
No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-53300	WEIGHT ASSY,1550	1	1						
3	2	172B04-53330	SPONGE,WEIGHT	1	1						
4	1	172187-53321	WASHER	3	3						
5	1	172455-53331	BOLT	3	3						
6	1	172456-53700	GROMMET	2	2						

Fig.72. TURNING FRAME



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-13100	BOLT	2	2						
2	1	172B04-54101	FRAME ASSY, TURNING	1	1						
4	2	172B04-54900	BUSH, 90X90	1	1						
5	2	172B04-54910	BUSH, 90X51	1	1						
6	1	172B04-54800	MOUNT ASSY, FRAME	1	1						
7	1	172B05-54810	SEAL,1540	1	1						
8	1	172B04-54950	BRACKET ASSY	1	1						
9	1	22217-100000	WASHER, SPRING 10	2	2						
10	1	26013-120402	BOLT, M12X 40	2	2						

Fig.73. TURNING BEARING

[illegible]

OCK50-M01380 COVER
Fig.74. COVER(MULTI)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61050	STAY ASSY, MULTI	1	1						
2	1	172B03-61071	STAY ASSY,MULTI A B	1	1						
3	1	172B03-61090	STAY, HOLDER	1	1						
4	1	172B03-61200	COVER ASSY, MULTI	1	1						
6	2	172B03-61450	SEAL, MULTI	1	1						
7	2	172B03-61480	SPONGE	1	1						
8	1	172B03-61230	COVER ASSY, MULTI	1	1						
10	2	172B03-61460	SEAL, MULTI	1	1						
11	2	172137-66230	GROMMET	1	1						
12	1	172B03-61260	COVER ASSY, MULTI	1	1						
14	2	172B03-61470	SEAL, MULTI	1	1						
15	2	172B03-61490	SPONGE	1	1						
16	2	172137-66230	GROMMET	1	1						
17	1	198220-61480	HOLDER, ROD	1	1						
18	1	198220-61480	HOLDER, ROD	1	1						
19	1	172B03-61540	HINGE ASSY,MULTI	1	1						
20	1	172B03-61540	HINGE ASSY,MULTI	1	1						
21	1	172448-65490	SHAFT, HINGE	1	1						
22	1	172448-65490	SHAFT, HINGE	1	1						
23	1	22272-000070	RING, E- 7	1	1						
24	1	22272-000070	RING, E- 7	1	1						
25	1	26013-100202	BOLT, M10X 20	2	2						
26	1	26014-100202	BOLT, M10X 20	2	2						
27	1	26014-100202	BOLT, M10X 20	2	2						
28	1	26014-100252	BOLT, M10X 25	2	2						
29	1	26014-100252	BOLT, M10X 25	2	2						
30	1	26014-100252	BOLT, M10X 25	2	2						
31	1	26014-100252	BOLT, M10X 25	1	1						
32	1	26023-050102	SCREW, M5X10	2	2						
33	1	26023-050102	SCREW, M5X10	2	2						

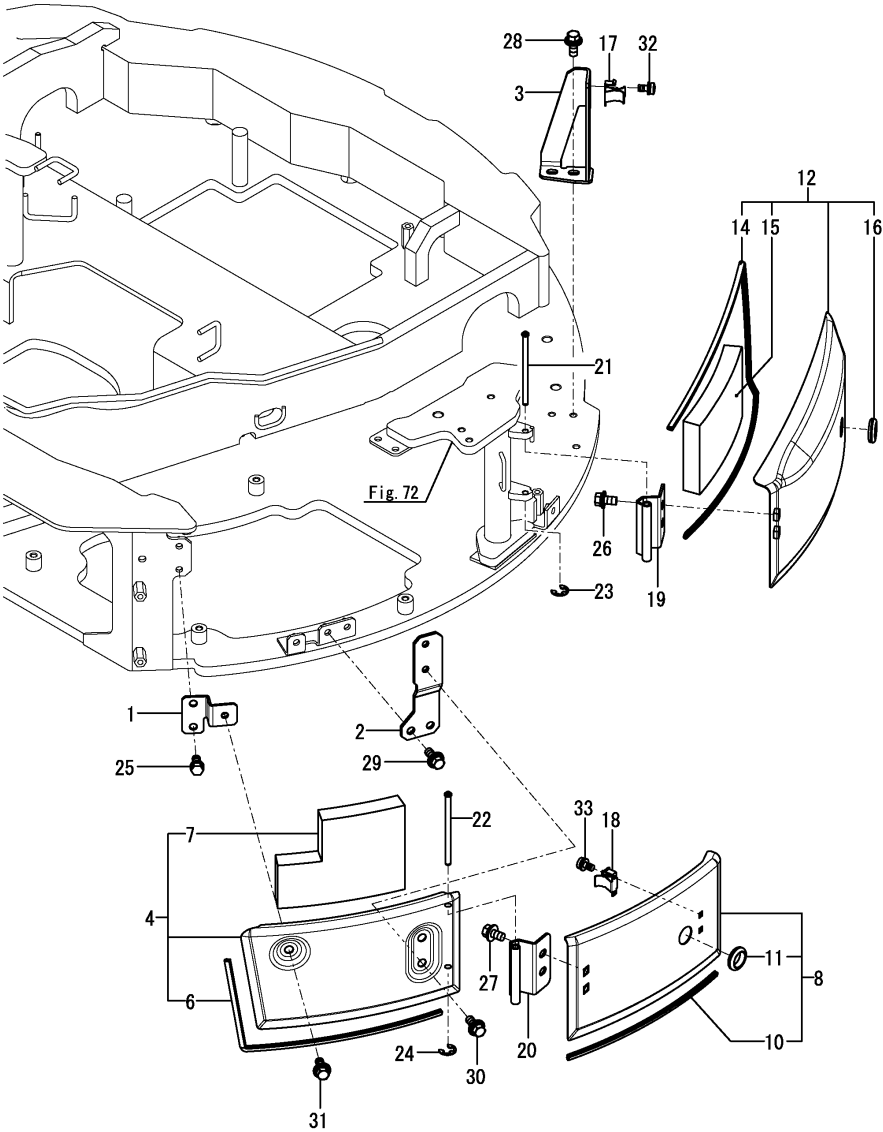
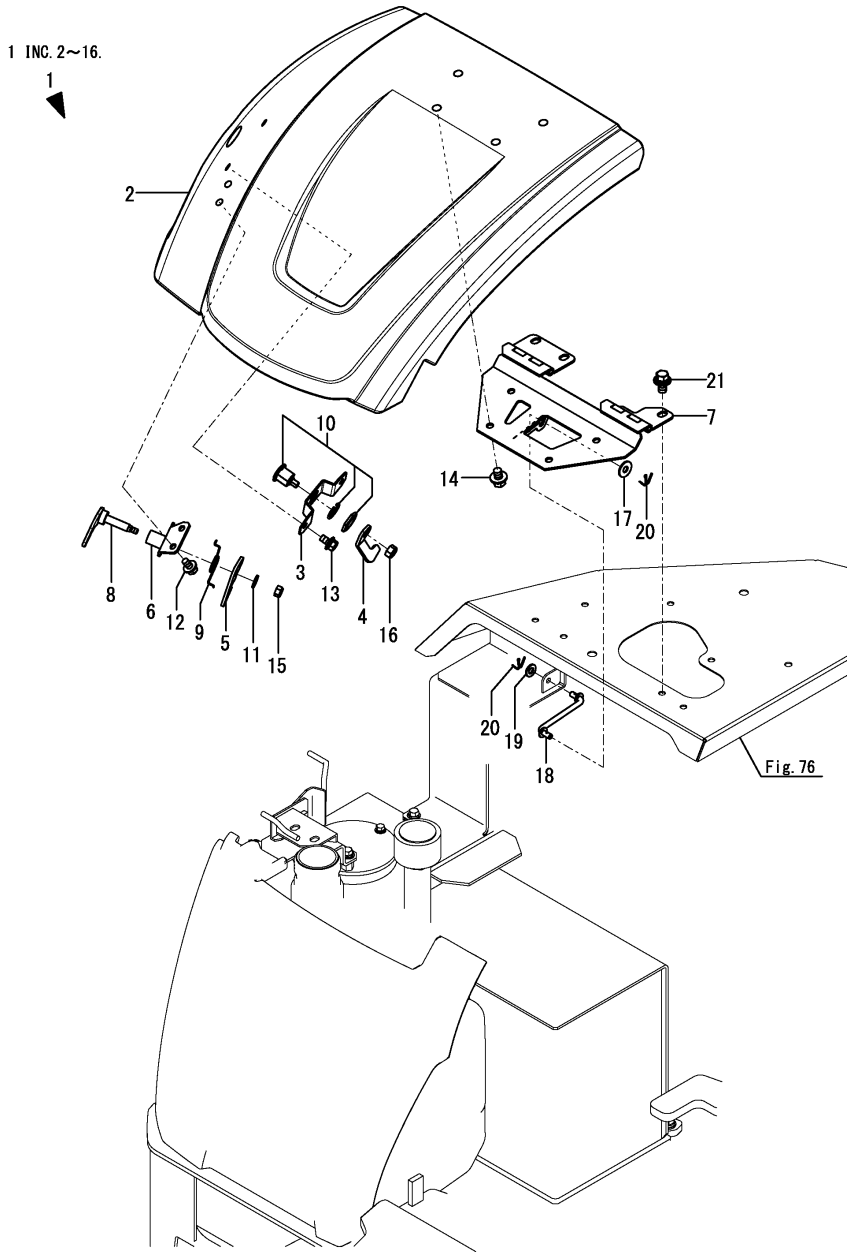


Fig.75. UPPER COVER(1)

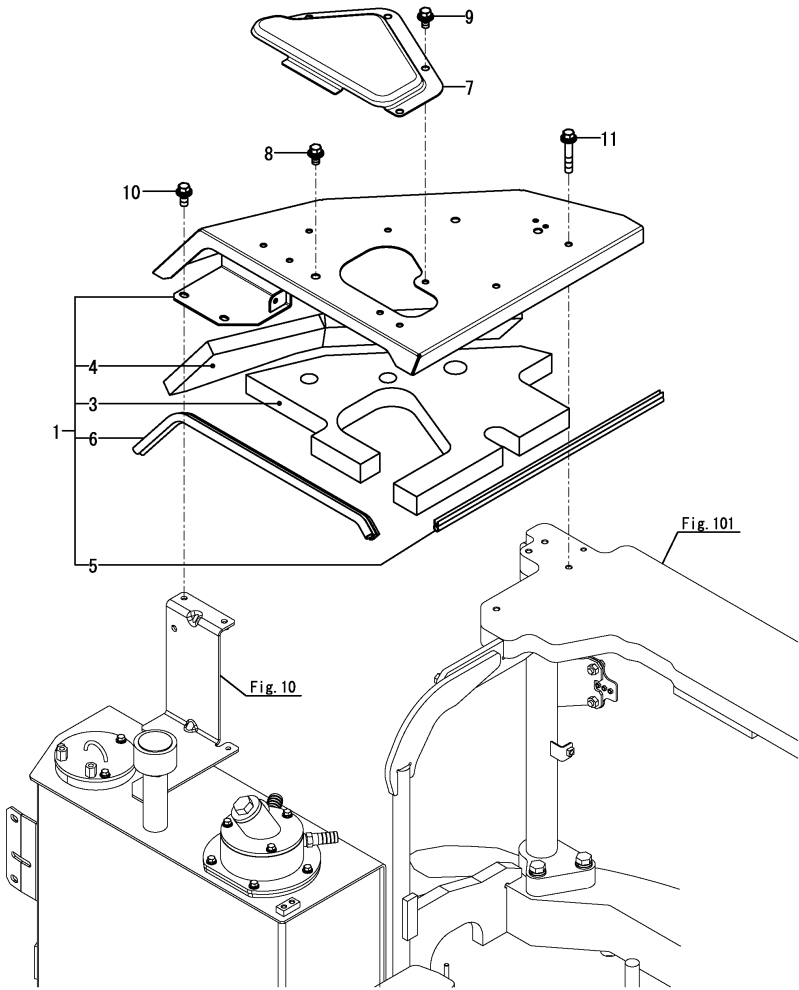


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61810	COVER ASSY,B BLACK	1	1						
2	2	172B04-61820	COVER, B BLACK	1	1						
3	2	172B04-62260	PLATE, LOCK	1	1						
4	2	172B04-62271	STAY, KEY	1	1						
5	2	172A69-62280	PLATE, LOCK	1	1						
6	2	172B04-62300	HOOK ASSY, OP/CL	1	1						
7	2	172B04-62340	PLATE ASSY, HINGE	1	1						
8	2	172A69-62510	LEVER ASSY	1	1						
9	2	172156-65690	SPRING, STOPPER	1	1						
10	2	172B03-66170	CYLINDER ASSY, KEY	1	1						
11	2	22137-080000	WASHER, 8	1	1						
12	2	26014-080162	BOLT, M8X 16	2	2						
13	2	26014-080162	BOLT, M8X 16	2	2						
14	2	26014-100162	BOLT, M10X 16	4	4						
15	2	26347-080002	NUT, M8	1	1						
16	2	26347-100002	NUT, M10	1	1						
17	1	1A1380-62160	WASHER, BELT COVER	1	1						
18	1	172444-65190	ROD ASSY, STOPPER	1	1						
19	1	22137-080000	WASHER, 8	1	1						
20	1	22417-200200	PIN, COTTER 2.0X20	2	2						
21	1	26014-100202	BOLT, M10X 20	3	3						

Fig.76. UPPER COVER(2)



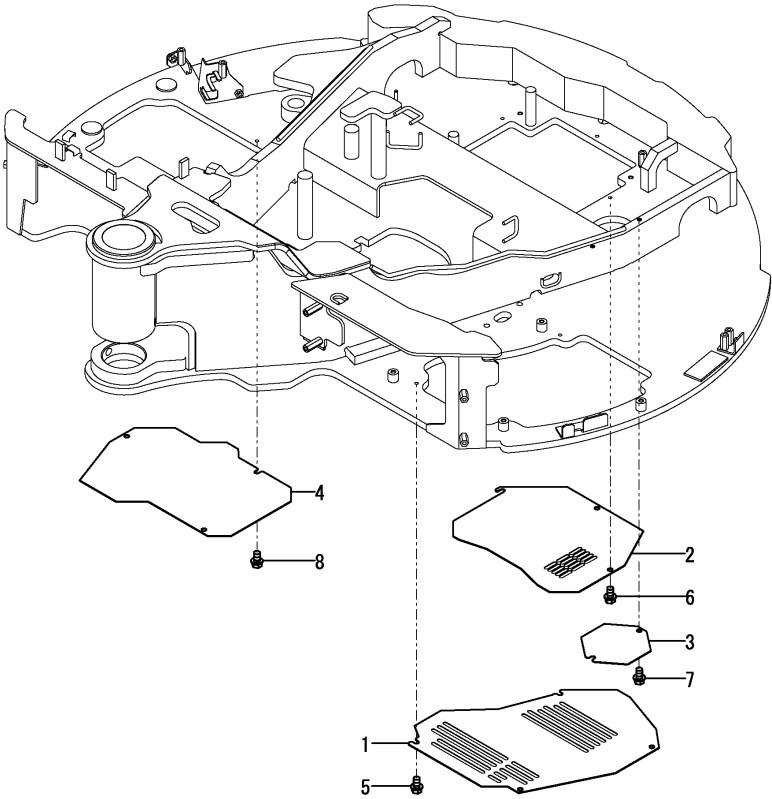
Remarks
(1)Attach the No.6A, 6B & 6C label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61901	COVER ASSY, C	1	1						1
3	2	172B04-61980	SPONGE, COVER	1	1						
4	2	172B04-61990	SPONGE,B COVER	1	1						
5	2	172A64-64940	SEAL, 560	1	1						
6	2	172187-66330	RUBBER, SEAL 590	1	1						
6A	1	172A38-03211	LABEL, ANTI-FREEZING	1	1						2
6B	1	172437-03391	LABEL, RADIATOR	1	1						2
6C	1	172125-03951	LABEL, AIR CLEANER	1	1						2
7	1	172B12-62130	COVER,UPPER	1	1						
8	1	26014-100202	BOLT, M10X 20	2	2						
9	1	26014-100202	BOLT, M10X 20	4	4						
10	1	26014-100252	BOLT, M10X 25	2	2						
11	1	26014-100602	BOLT, M10X 60	2	2						

Fig.77. COVER(TURNING FRAME)

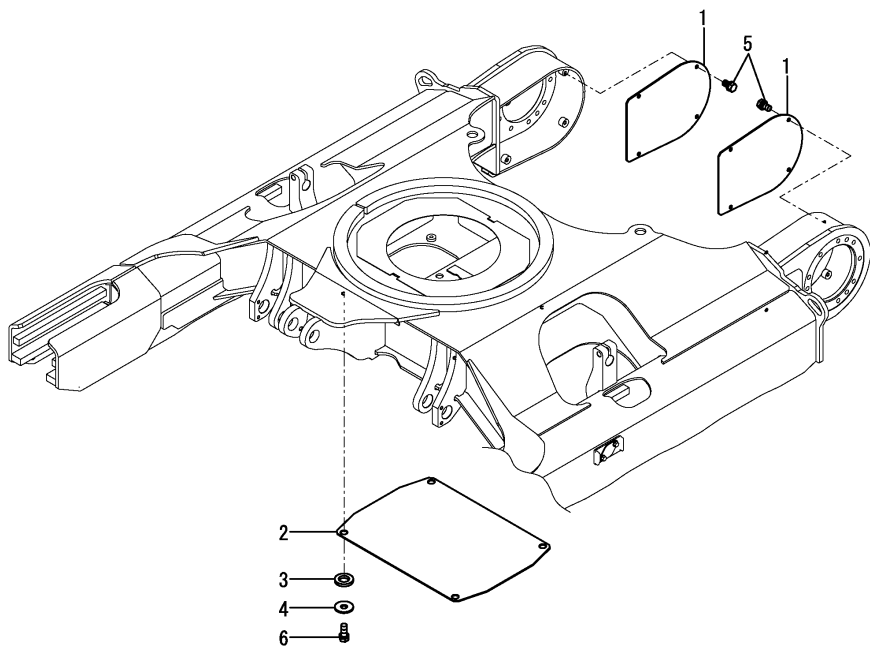


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

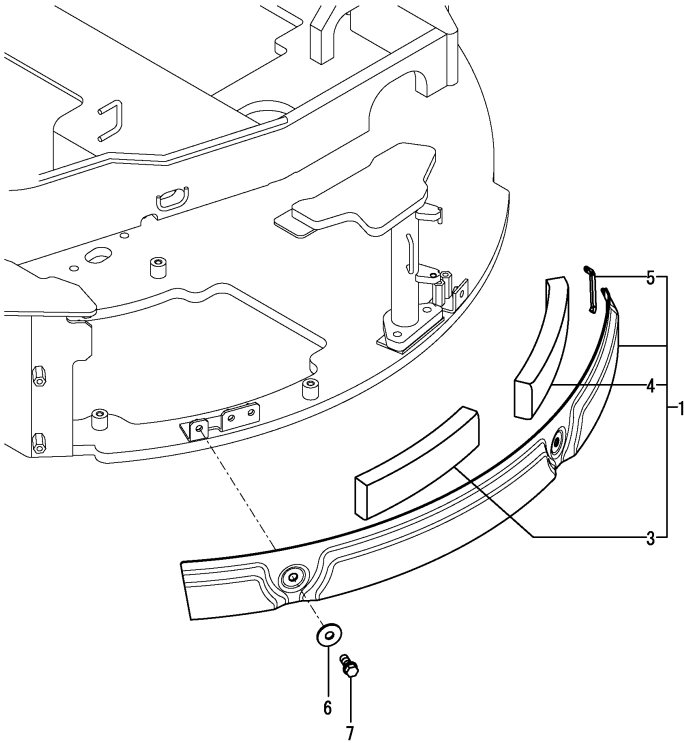
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61410	COVER,VALVE STAND	1	1						
2	1	172B04-61420	COVER,OILPAN	1	1						
3	1	172B03-61430	COVER, PUMP	1	1						
4	1	172B04-61440	COVER,RESERVOIR	1	1						
5	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
6	1	26106-100162	BOLT, M10X 16 PLATED	3	3						
7	1	26106-100162	BOLT, M10X 16 PLATED	2	2						
8	1	26106-100162	BOLT, M10X 16 PLATED	3	3						

Fig.78. COVER(TRAVEL FRAME)



				(A)=VIO50-6A P(US)	(D)=								
				(B)=VIO50-6A C(US)	(E)=								
				(C)=	(F)=								
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172B04-61100	COVER, MOTOR	2	2								
2	1	172460-61121	COVER,UNDER(GRAY:49)	1	1								
3	1	172162-61500	TRIM	4	4								
4	1	22157-120000	WASHER, 12	4	4								
5	1	26013-100202	BOLT, M10X 20	8	8								
6	1	26013-120302	BOLT, M12X 30	4	4								

Fig.79. FRAME GUARD(LEFT)



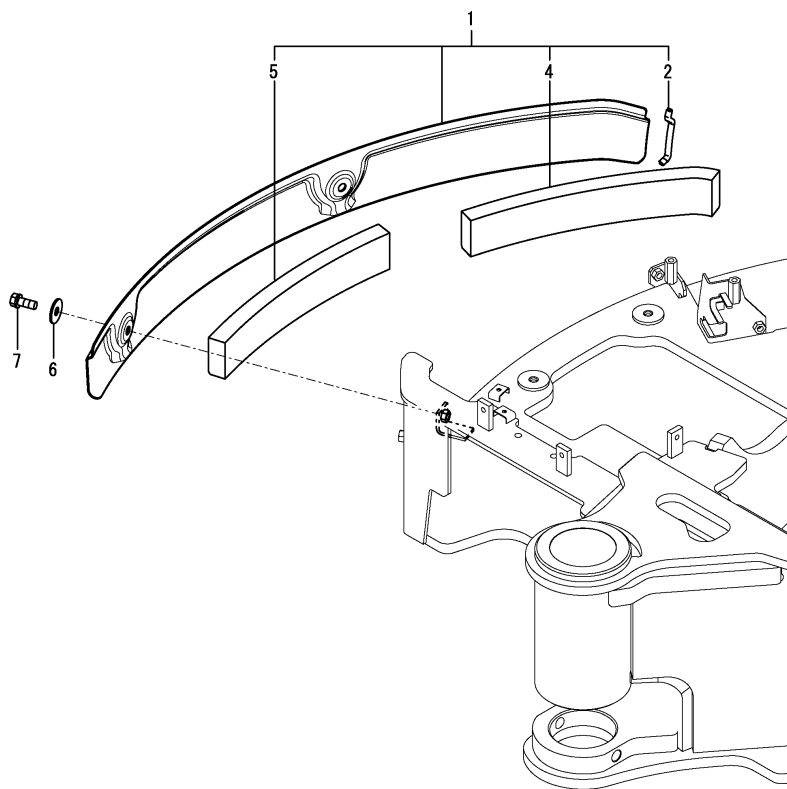
Remarks
(1)Attach the No.5A label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61010	GUARD ASSY, FRAME L	1	1						1
3	2	172B04-61040	SPONGE, GUARD L B	1	1						
4	2	172B04-61040	SPONGE, GUARD L B	1	1						
5	2	172434-61170	TRIM	1	1						
5A	1	172437-03352	LABEL, CYLINDER	1	1						2
6	1	22157-100000	WASHER, 10	2	2						
7	1	26013-100252	BOLT, M10X 25	2	2						

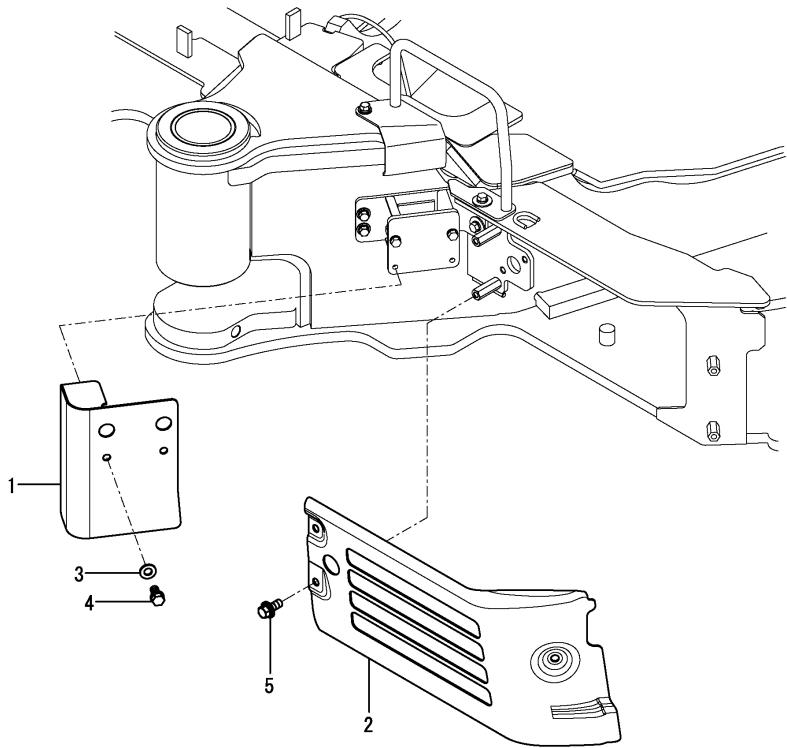
Fig.80. FRAME GUARD(RIGHT)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61110	GUARD ASSY, FRAME R	1	1						1
2	2	172444-17620	SEAL	1	1						
4	2	172B04-61140	SPONGE, GUARD R B	1	1						
5	2	172B04-61140	SPONGE, GUARD R B	1	1						
5A	1	172437-03352	LABEL, CYLINDER	1	1						2
6	1	22157-100000	WASHER, 10	2	2						
7	1	26013-100252	BOLT, M10X 25	2	2						

Remarks
(1) Attach the No.5A label to this part.
(2) Label is not illustrated.

Fig.81. COVER(TURNING FRAME)(FRONT - LEFT)

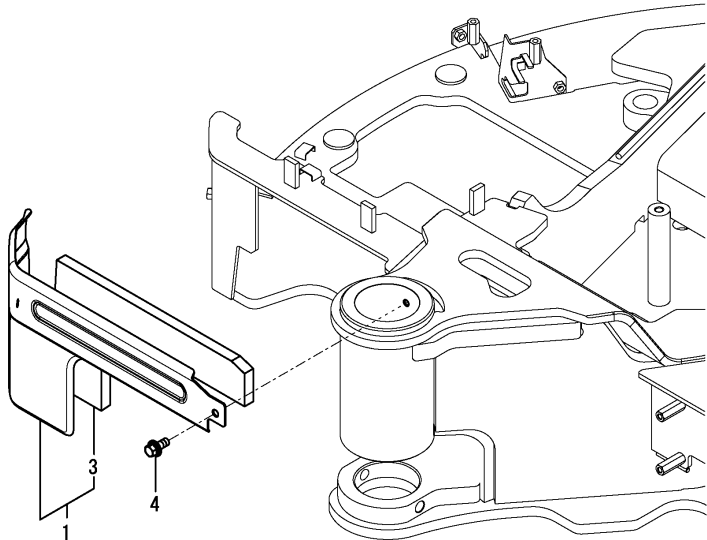


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61210	COVER ASSY, HOSE	1	1						
2	1	172B04-61320	COVER,L T/F	1	1						
3	1	22137-100000	WASHER, 10	2	2						
4	1	26013-100202	BOLT, M10X 20	2	2						
5	1	26014-100252	BOLT, M10X 25	3	3						

Fig.82. COVER(TURNING FRAME)(FRONT - RIGHT)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-61370	COVER ASSY,R T/F	1	1						
3	2	172B04-61390	SPONGE, COVER R T/F	1	1						
4	1	26014-100252	BOLT, M10X 25	2	2						

Fig.83. STEP(CABIN)

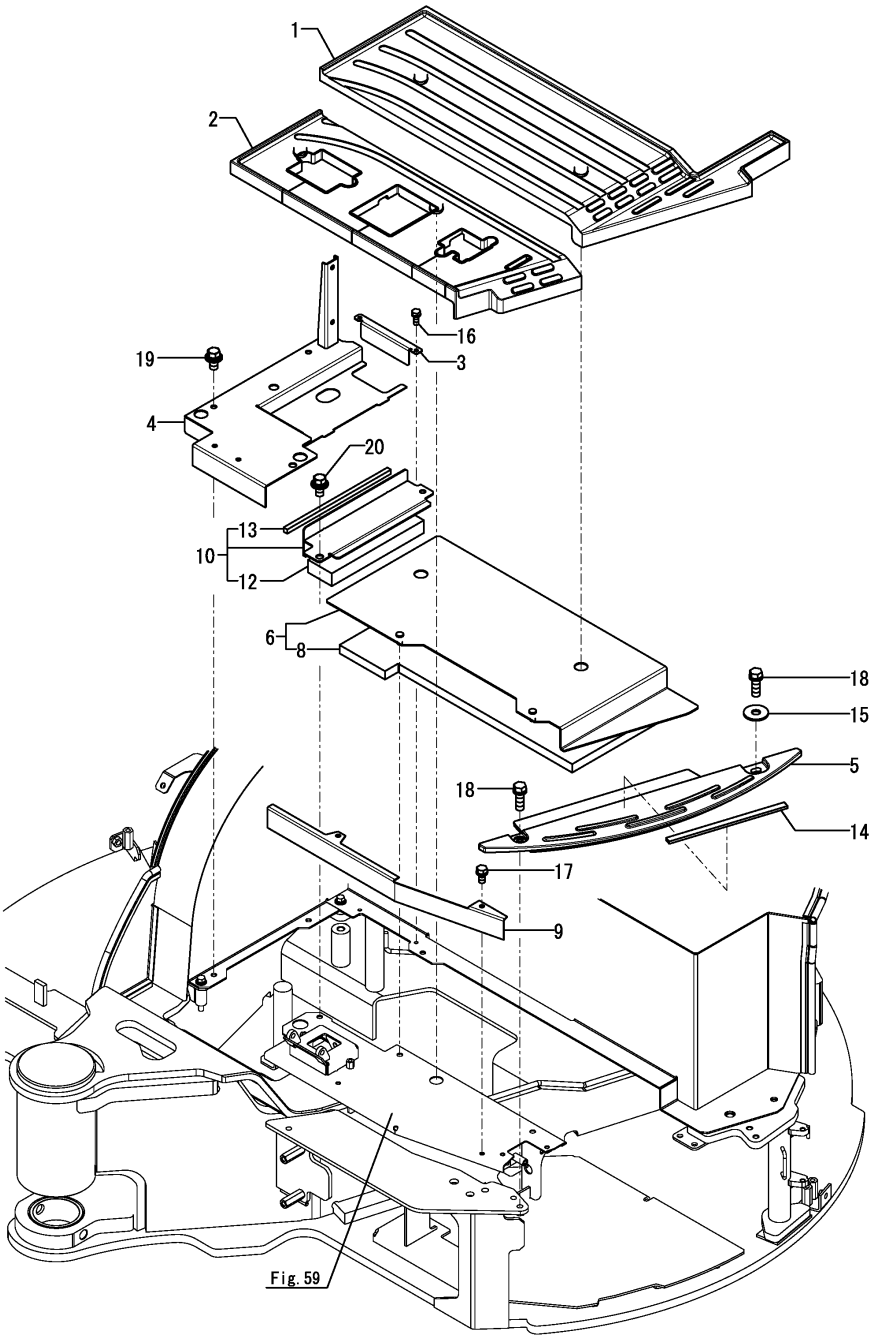


Fig. 59

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-62150	FLOOR MAT, A CAB		1						
2	1	172B03-62170	FLOOR MAT, B CAB EX		1						
3	1	172B03-62240	PLATE, PARTITION		1						
4	1	172B03-62251	STEP ASSY		1						
5	1	172B03-62520	STEP, NON SLIP		1						
6	1	172B04-62600	STEP ASSY		1						
8	2	172B04-62610	SPONGE, STEP A		1						
9	1	172B03-62750	COVER		1						
10	1	172B04-62850	COVER ASSY, STEP CAB		1						
12	2	172B04-62860	SPONGE, COVER CAB		1						
13	2	172B04-62870	SEAL, STEP COVER CAB		1						
14	1	172538-68450	SHEET, NON SLIP		1						
15	1	22157-100000	WASHER, 10		1						
16	1	26013-060162	BOLT, M6X 16		2						
17	1	26013-080162	BOLT, M8X 16		2						
18	1	26013-100302	BOLT, M10X 30		2						
19	1	26014-100202	BOLT, M10X 20		3						
20	1	26014-100202	BOLT, M10X 20		2						

Fig.84. STEP(CANOPY)

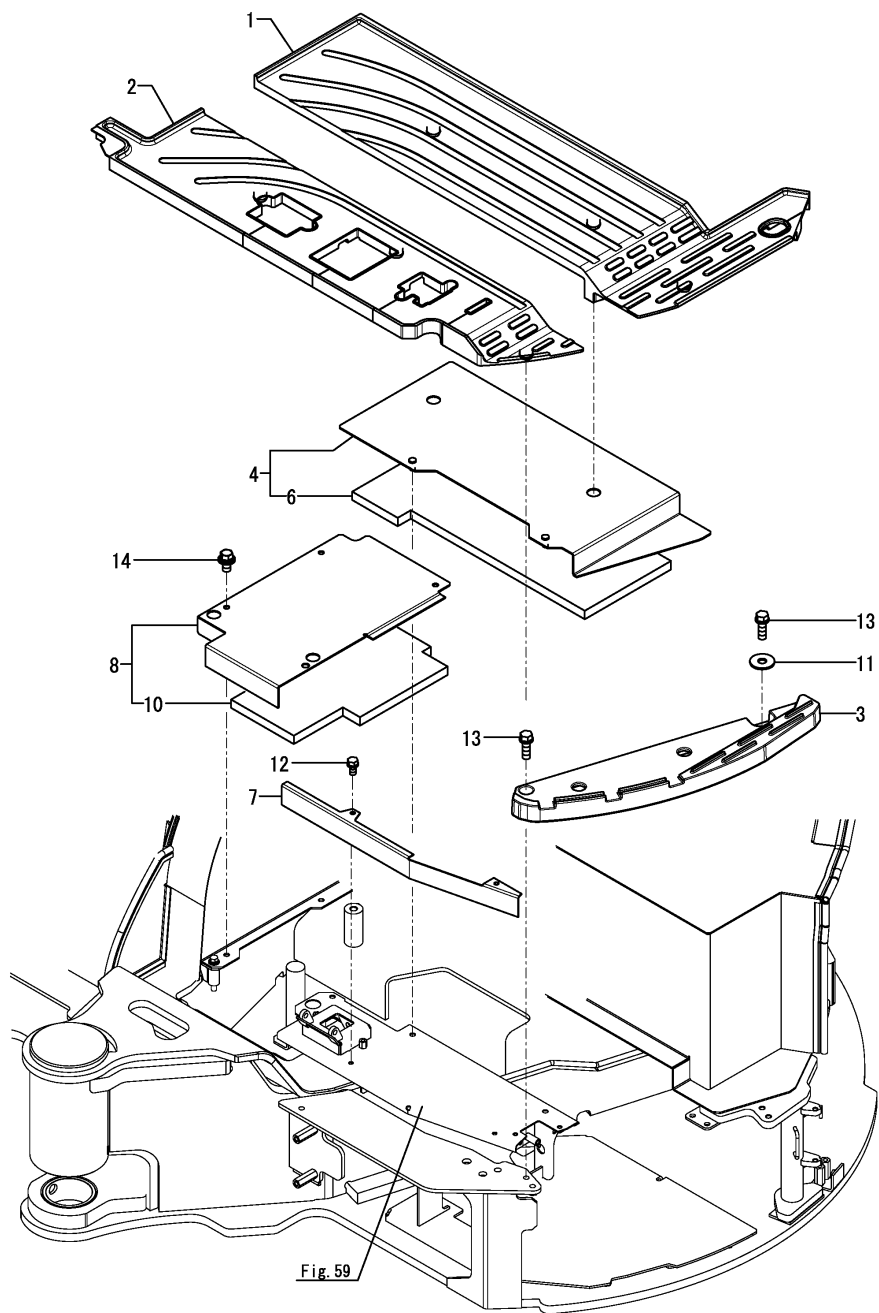


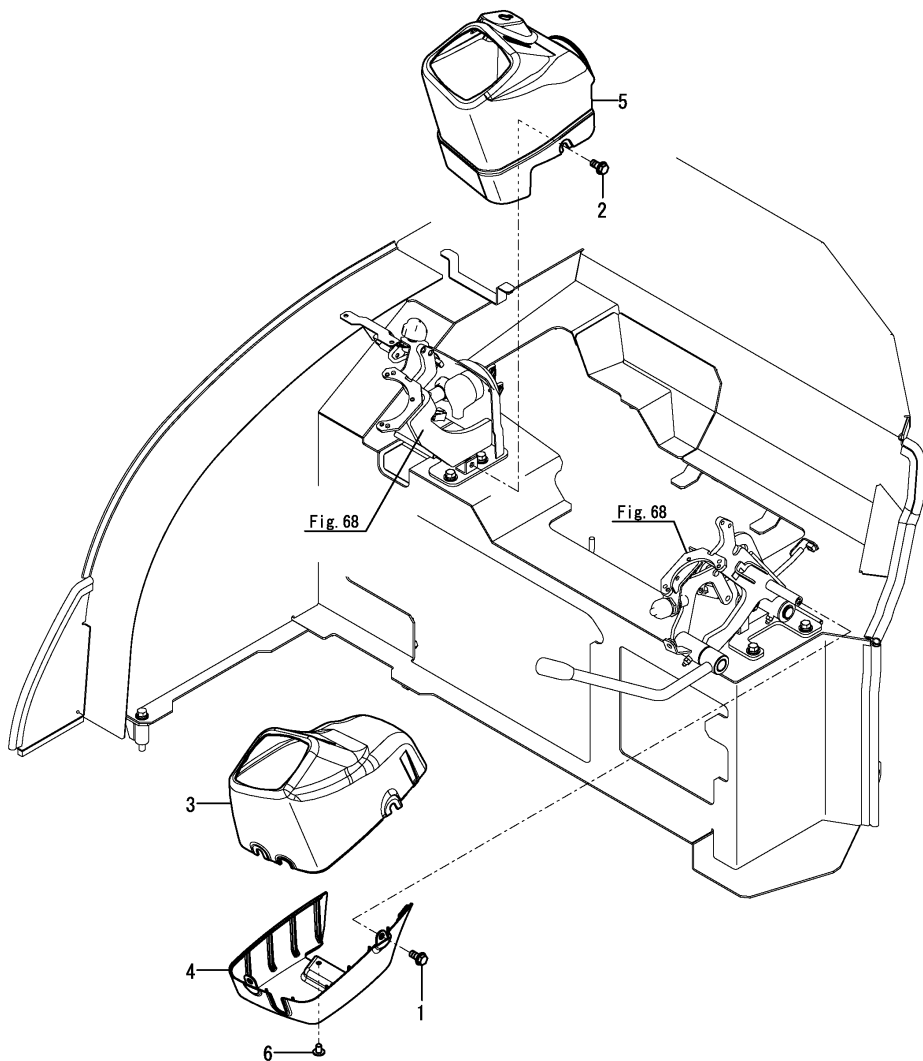
Fig. 59

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

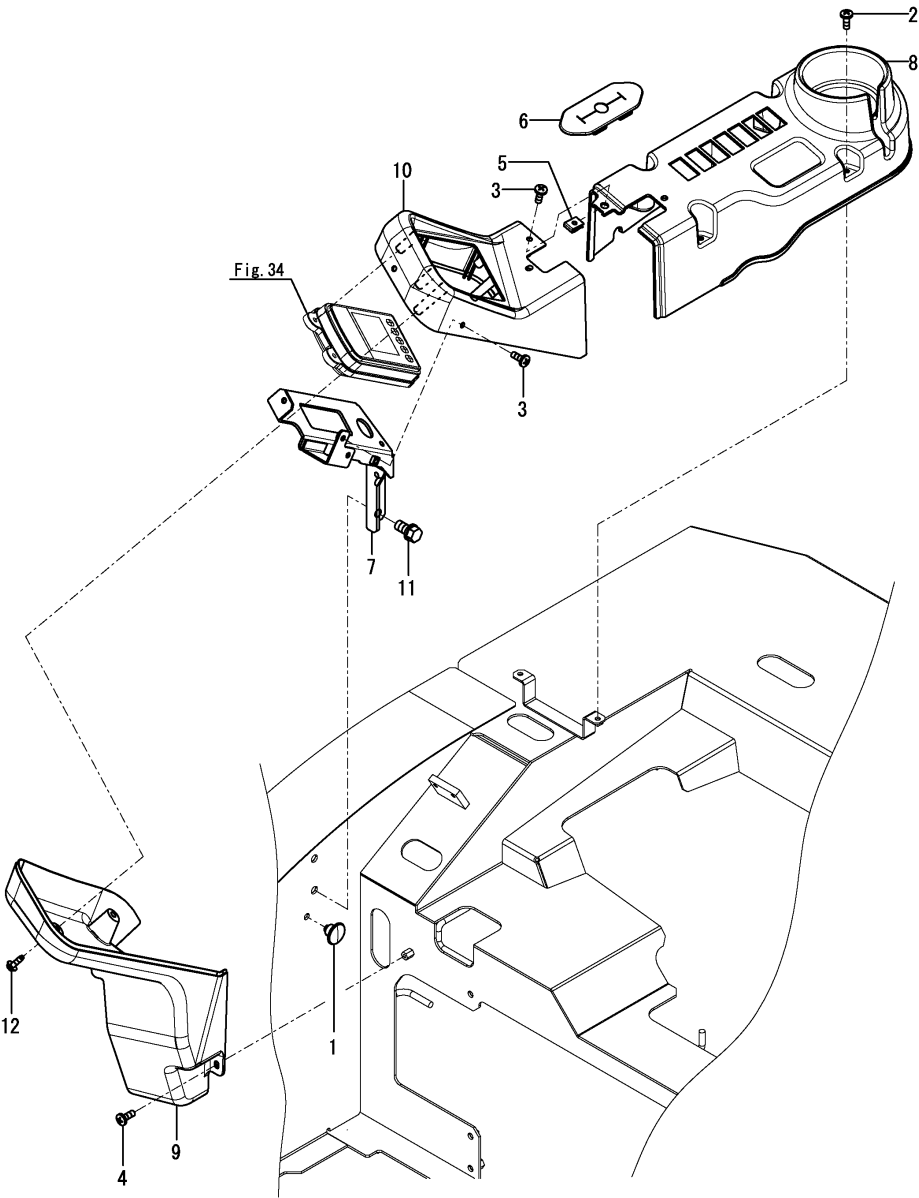
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-62100	FLOOR MAT, A P	1							
2	1	172B03-62140	FLOOR MAT, B 4P EX	1							
3	1	172B03-62500	STEP, NON SLIP	1							
4	1	172B04-62600	STEP ASSY	1							
6	2	172B04-62610	SPONGE, STEP A	1							
7	1	172B03-62750	COVER	1							
8	1	172B04-62800	STEP ASSY, R 4P	1							
10	2	172B04-62660	SPONGE, STEP R CNP	1							
11	1	22157-100000	WASHER, 10	1							
12	1	26013-080162	BOLT, M8X 16	2							
13	1	26013-100302	BOLT, M10X 30	2							
14	1	26014-100202	BOLT, M10X 20	4							

Fig.85. COVER(LEVER)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172519-63240	BOLT	3	3						
2	1	172519-63240	BOLT	2	2						
3	1	172B03-63610	COVER, LEVER L UP D	1	1						
4	1	172B03-63620	COVER, LEVER L LOW D	1	1						
5	1	172B03-63630	COVER, LEVER R D	1	1						
6	1	1A8060-84280	RIVET, PUSH	1	1						

Fig.86. COVER(MONITOR)(CANOPY)

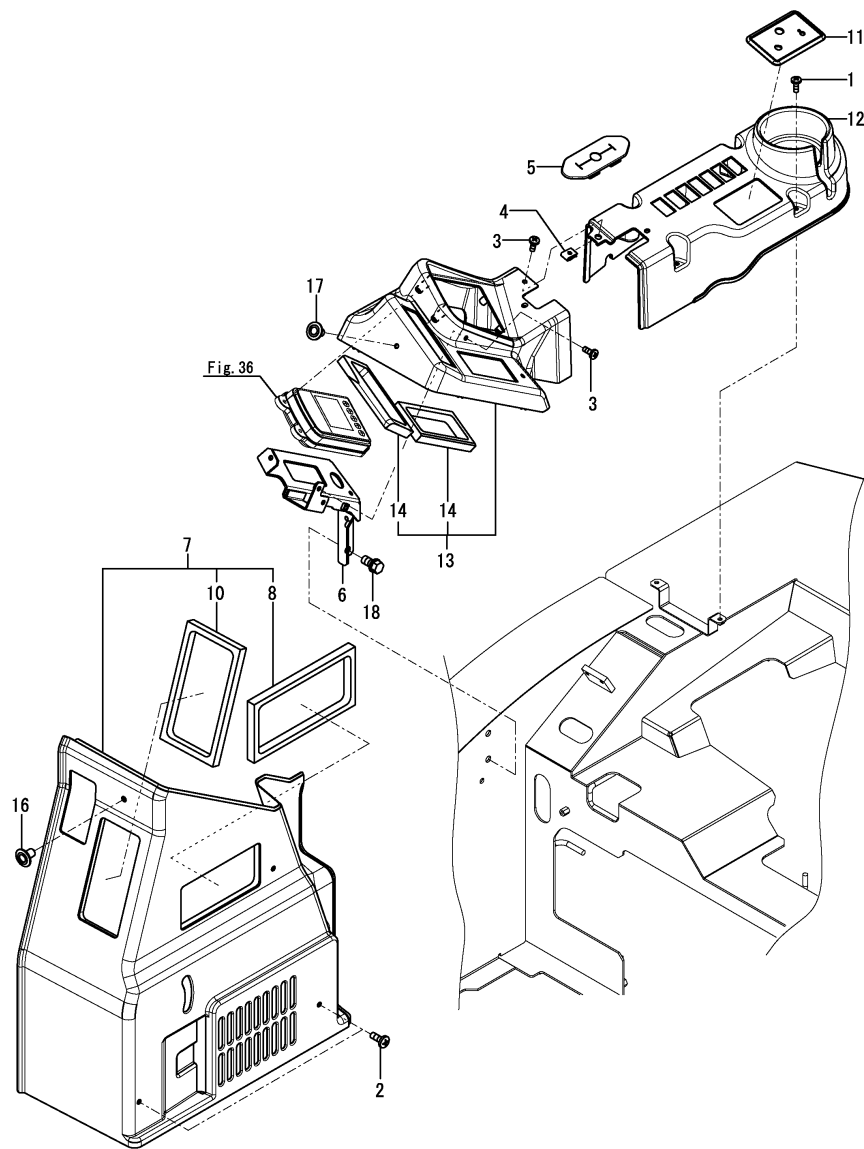


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	1							
2	1	172137-46210	SCREW	4							
3	1	172137-46210	SCREW	3							
4	1	172137-46210	SCREW	1							
5	1	198071-61890	NUT, SPEED M6	1							
6	1	172B03-63050	GROMMET	1							
7	1	172B03-63501	STAY ASSY, INPANE	1							
8	1	172B03-63710	COVER, SWITCH P D	1							
9	1	172B03-63720	COVER, I/P LOW-P D	1							
10	1	172B03-63770	COVER, I/P UP-P D	1							
11	1	26013-100202	BOLT, M10X 20	2							
12	1	26476-050142	SCREW, TAPPING M5X14	2							

Fig.87. COVER(MONITOR)(CABIN)(AIR CONDITIONER SPEC.)

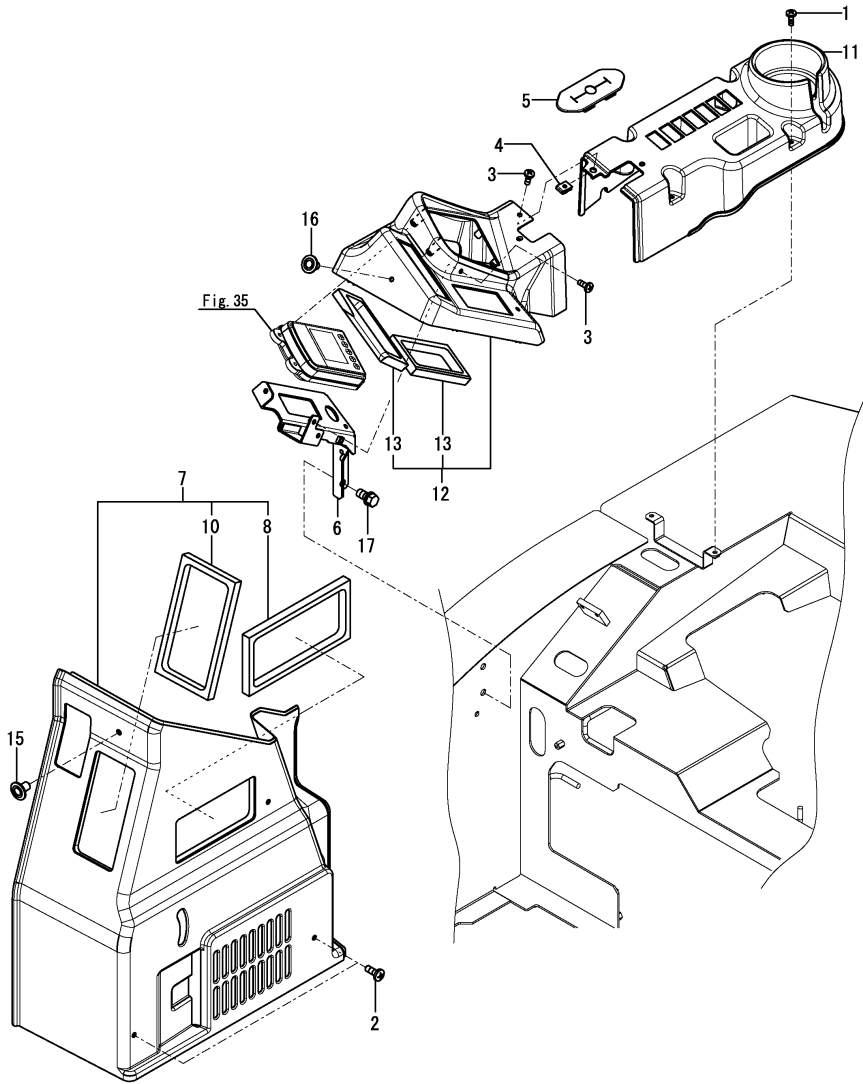


(1) Attach the No.10A label to this part.
(2) Label is not illustrated.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46210	SCREW		4						
2	1	172137-46210	SCREW		2						
3	1	172137-46210	SCREW		2						
4	1	198071-61890	NUT, SPEED M6		1						
5	1	172B03-63050	GROMMET		1						
6	1	172B03-63501	STAY ASSY, INPANE		1						
7	1	172B03-63650	COVER ASSY, AC D		1						1
8	2	172B03-63320	SEAL, DUCT		1						
10	2	1A7470-87320	SEAL, DUCT SIDE		1						
10A	1	172437-03302	LABEL, MANUAL		1						2
11	1	172B03-63670	PANEL, AC D		1						
12	1	172B03-63700	COVER, SWITCH C D		1						
13	1	172B03-63750	COVER ASSY, I/P C D		1						
14	2	172B03-63290	SEAL, DUCT		2						
16	1	1A8060-84280	RIVET, PUSH		2						
17	1	1A8060-84280	RIVET, PUSH		2						
18	1	26013-100202	BOLT, M10X 20		2						

Fig.88. COVER(MONITOR)(CABIN)(HEATER SPEC.)



Remarks
(1)Attach the No.10A label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

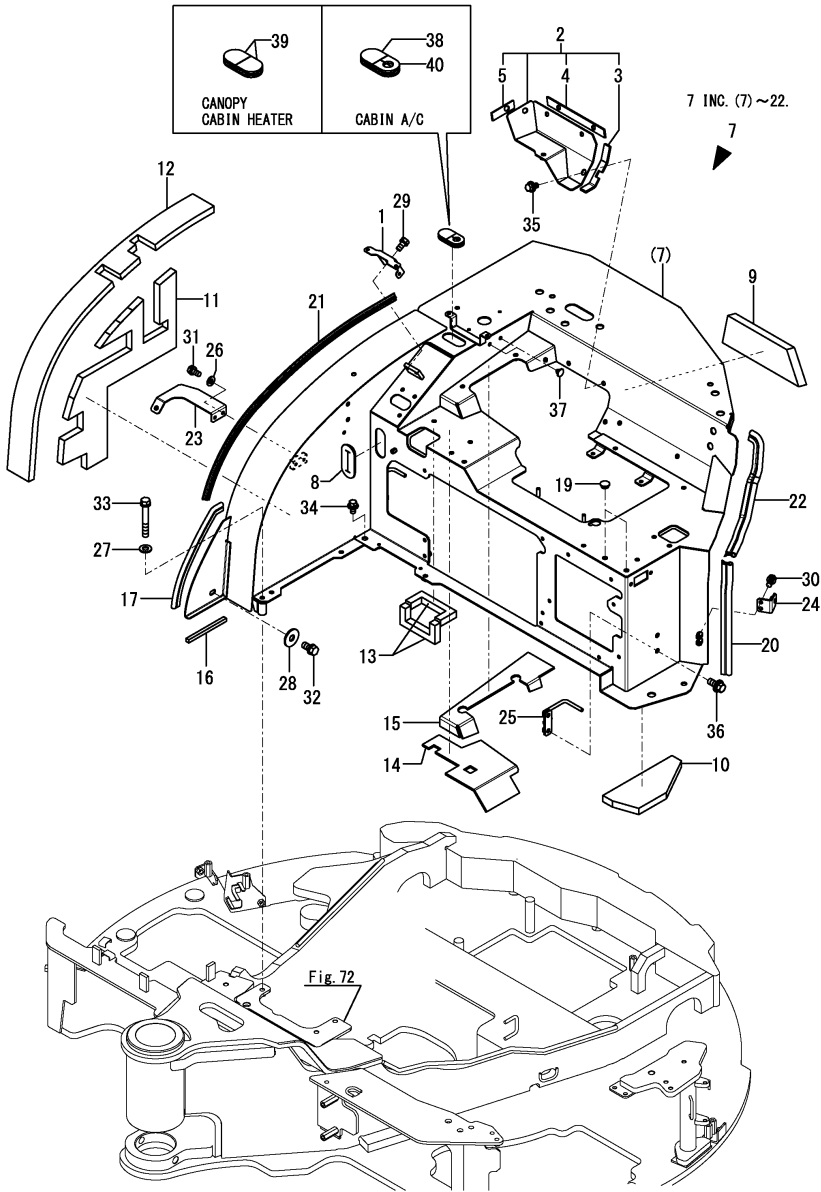
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46210	SCREW		4						
2	1	172137-46210	SCREW		2						
3	1	172137-46210	SCREW		2						
4	1	198071-61890	NUT, SPEED M6		1						
5	1	172B03-63050	GROMMET		1						
6	1	172B03-63501	STAY ASSY, INPANE		1						
7	1	172B03-63650	COVER ASSY, AC D		1						1
8	2	172B03-63320	SEAL, DUCT		1						
10	2	1A7470-87320	SEAL, DUCT SIDE		1						
10A	1	172437-03302	LABEL, MANUAL		1						2
11	1	172B03-63710	COVER, SWITCH P D		1						
12	1	172B03-63750	COVER ASSY, I/P C D		1						
13	2	172B03-63290	SEAL, DUCT		2						
15	1	1A8060-84280	RIVET, PUSH		2						
16	1	1A8060-84280	RIVET, PUSH		2						
17	1	26013-100202	BOLT, M10X 20		2						

Fig.89. SEAT MOUNT

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

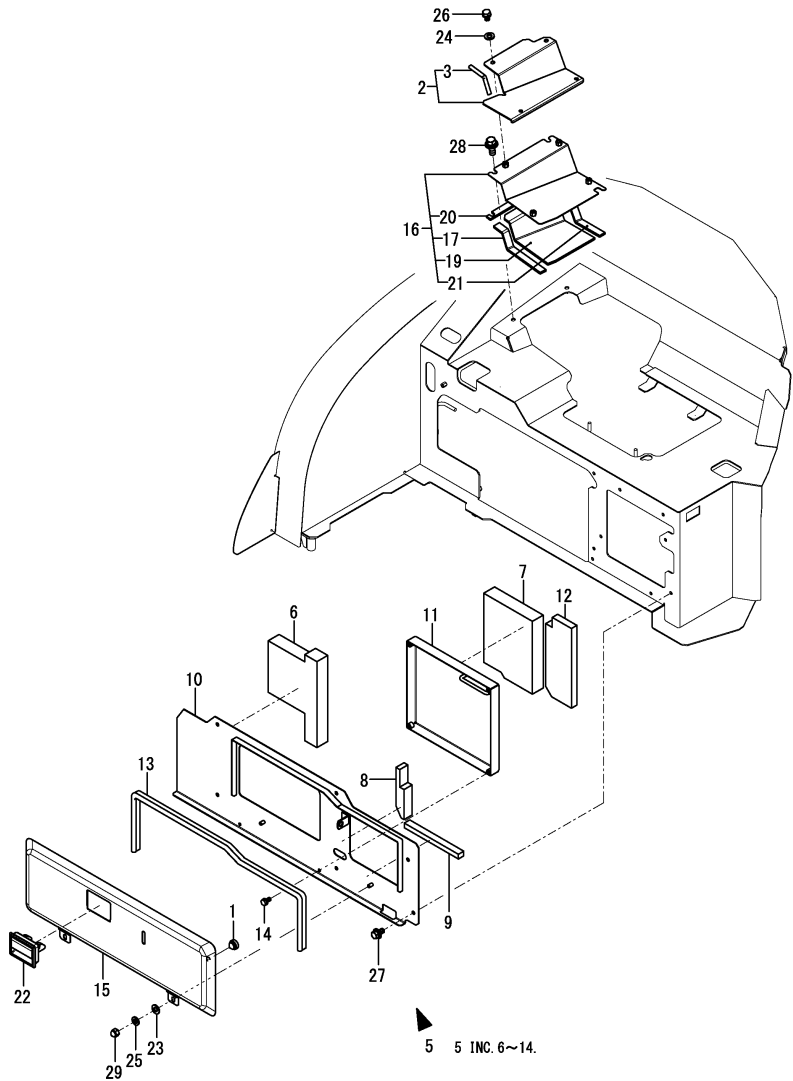
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-63400	STAY ASSY, COVER	1	1						
2	1	172B04-64110	COVER ASSY, REAR	1	1						
3	2	172B04-64120	SEAL, COVER A	1	1						
4	2	172B04-64130	SEAL, COVER B	1	1						
5	2	172B04-64140	SEAL, COVER C	1	1						
7	1	172B04-64200	MOUNT ASSY, SEAT	1	1						1
8	2	172B03-63450	GROMMET	1	1						
9	2	172B05-64010	SPONGE, REAR	1	1						
10	2	172B05-64020	SPONGE, L	1	1						
11	2	172B05-64030	SPONGE, SIDE	1	1						
12	2	172B05-64040	SPONGE, UP	1	1						
13	2	172B05-64050	SPONGE, PARTITION	2	2						
14	2	172B05-64060	SHEET, INSULATION F	1	1						
15	2	172B05-64070	SHEET, INSULATION R	1	1						
16	2	172B05-64080	SEAL, 10X10X140	1	1						
17	2	172B05-64090	SEAL, 310	1	1						
19	2	172187-64900	PLUG	2	2						
20	2	172141-65330	RUBBER	1	1						
21	2	172183-65530	RUBBER, SEAL	1	1						
22	2	172164-66640	RUBBER, SEAL	1	1						
22A	1	172437-03302	LABEL, MANUAL	1	1						2
23	1	172B04-64380	STAY ASSY, BONNET B	1	1						
24	1	172B03-64450	STAY ASSY, BONNET	1	1						
25	1	172B03-78050	GUIDE ASSY, HOSE	1	1						
26	1	22137-080000	WASHER, 8	2	2						
27	1	22137-100000	WASHER, 10	1	1						
28	1	22157-100000	WASHER, 10	1	1						
29	1	26013-080162	BOLT, M8X 16	2	2						
30	1	26013-080162	BOLT, M8X 16	2	2						
31	1	26013-080162	BOLT, M8X 16	2	2						
32	1	26013-100202	BOLT, M10X 20	1	1						
33	1	26013-100702	BOLT, M10X 70	1	1						
34	1	26014-100202	BOLT, M10X 20	1	1						
35	1	26014-100202	BOLT, M10X 20	4	4						
36	1	26014-100252	BOLT, M10X 25	2	2						
37	1	172444-17660	CLIP, TREE	2	2						
38	1	172165-62830	GROMMET		1						
39	1	172165-62830	GROMMET	2	2						
40	1	172491-62830	GROMMET		1						

Remarks
(1)Canopy specification. : Attach the No.22A label to this part.
(2)Label is not illustrated.

OCK50-M01380 AROUND SEAT
Fig.90. COVER(SEAT MOUNT)



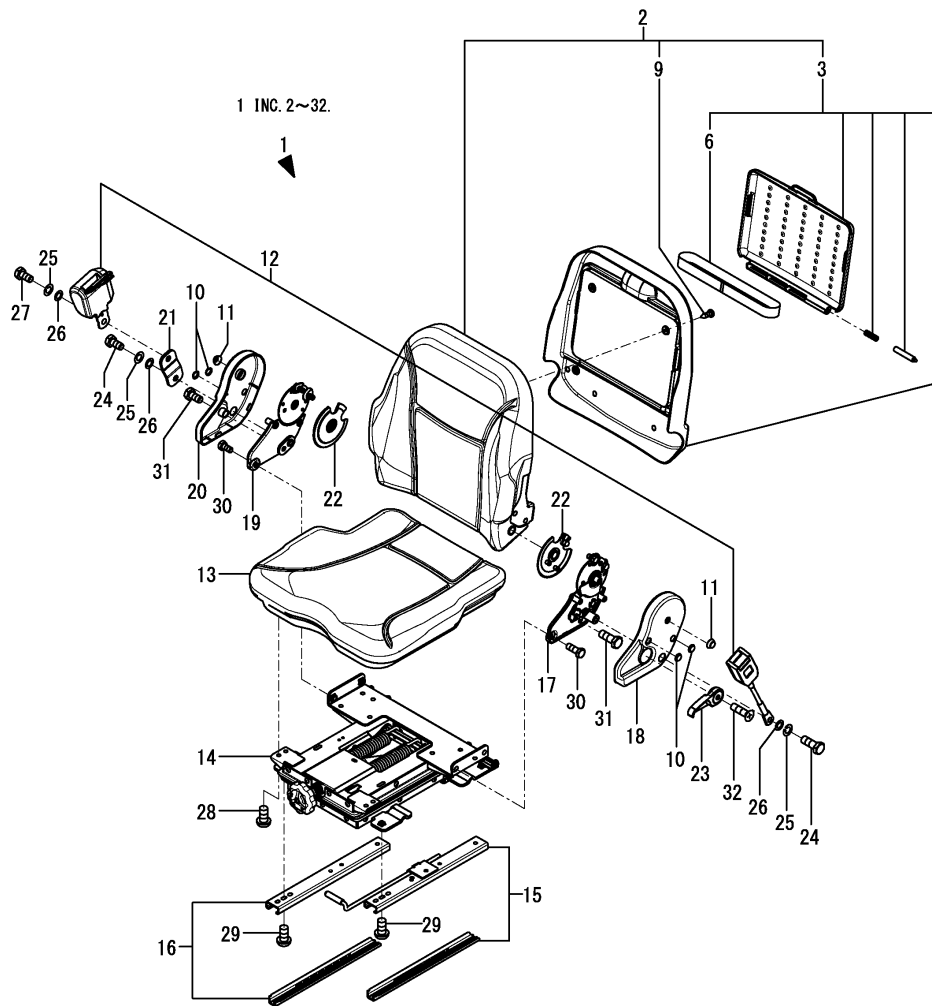
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

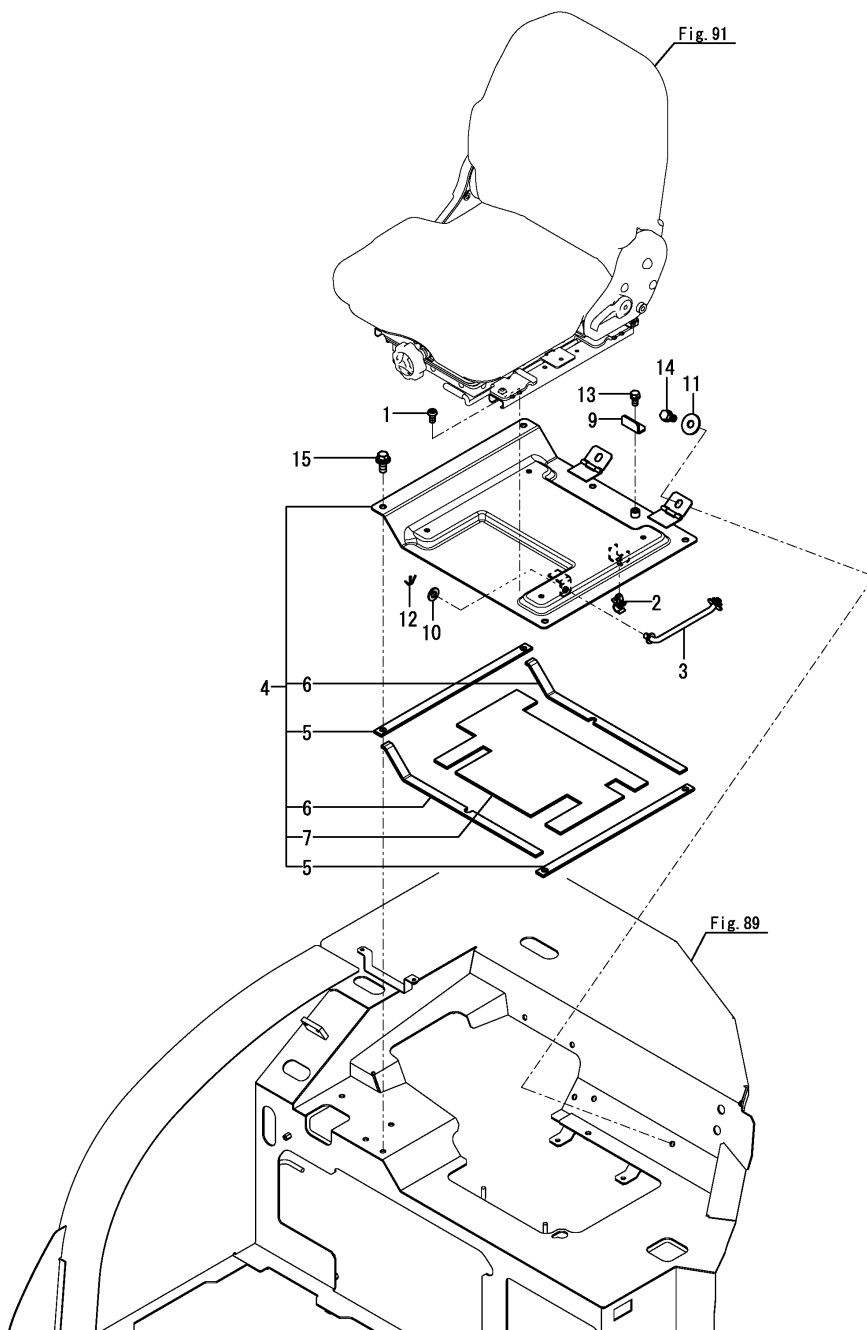
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1730-61190	RUBBER,CONTACT	1	1						1
2	1	172B04-61650	PLATE ASSY, LABEL	1	1						
3	2	172458-18850	TRIM	1	1						
4A	1	172437-03312	LABEL, SLOPE	1	1						3
4B	1	172437-03471	LABEL, LEVER LOCK	1	1						3
5	1	172B04-64500	COVER ASSY, MANUAL A	1	1						
6	2	172B04-64070	SPONGE, COVER A	1	1						
7	2	172B04-64080	SPONGE, COVER B	1	1						
8	2	172B04-64090	SEAL, COVER M	1	1						
9	2	172B04-64100	SEAL, 200	1	1						
10	2	172B04-64510	COVER ASSY, MANUAL A	1	1						
11	2	172B03-64570	BOX ASSY, MANUAL	1	1						
12	2	172B04-64990	SPONGE, COVER C	1	1						
13	2	172458-65070	SEAL	1	1						
14	2	26013-060122	BOLT, M6X 12	4	4						
15	1	172B03-64601	COVER ASSY, MANUAL B	1	1						2
15A	1	172472-03141	LABEL, SUPPORT	1	1						3
15B	1	172B03-03410	LABEL,SEAT TILT UP	1	1						3
15C	1	172437-03432	LABEL, STEERING		1						3
15D	1	172437-03601	LABEL, 2-WAY US	1	1						3
16	1	172B04-64650	COVER ASSY, ENG	1	1						
17	2	172458-63650	SEAL, SPONGE	1	1						
19	2	172B04-64670	SHEET, INSULATION	1	1						
20	2	172B04-64680	SEAL, COVER ENG	1	1						
21	2	172B04-64690	SEAL, 220	1	1						
22	1	172B02-69040	HANDLE,LOCK BLACK	1	1						
23	1	22137-080000	WASHER, 8	2	2						
24	1	22137-080000	WASHER, 8	4	4						
25	1	22217-080000	WASHER, SPRING 8	2	2						
26	1	26013-080122	BOLT, M8X 12	4	4						
27	1	26014-080162	BOLT, M8X 16	6	6						
28	1	26014-100202	BOLT, M10X 20	2	2						
29	1	26657-080002	NUT, CAP M8	2	2						

Remarks
(1)Attach the No.4A & 4B label to this part.
(2)Please use this part with following label at the same time.
Canopy specification. : No.15A, 15B & 15D .
Cabin specification. : No.15A, 15B, 15C & 15D .
(3)Label is not illustrated.

Fig.91. SEAT



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B02-64800	SEAT ASSY,SUS	1	1				
2	2	172B02-64210	SEAT ASSY, BACK	1	1				
3	3	172B02-64270	BOX ASSY,MANUAL	1	1				
6	4	172A89-64950	BAND	1	1				
9	3	22859-500200	SCREW, 5.0 X 20	4	4				
10	2	172B02-64250	CAP	4	4				
11	2	172B02-64260	CAP	2	2				
12	2	172A89-64740	SEAT BELT ASSY	1	1				
13	2	172A89-64780	SEAT, CUSHION	1	1				
14	2	172A89-64790	SEAT, SPRING	1	1				
15	2	172A89-64800	RAIL ASSY, TL	1	1				
16	2	172A89-64810	RAIL ASSY, TR	1	1				
17	2	172A89-64820	HINGE ASSY	1	1				
18	2	172A89-64830	COVER	1	1				
19	2	172A89-64840	HINGE ASSY	1	1				
20	2	172A89-64850	COVER	1	1				
21	2	172A89-64860	BRACKET ASSY	1	1				
22	2	172A89-64870	COVER	2	2				
23	2	172A89-64880	LEVER	1	1				
24	2	172A89-64890	BOLT	2	2				
25	2	172A89-64900	SPRING	3	3				
26	2	172A89-64910	WASHER	3	3				
27	2	172A89-64920	BOLT	1	1				
28	2	26106-080162	BOLT, M8X 16 PLATED	4	4				
29	2	26106-080162	BOLT, M8X 16 PLATED	4	4				
30	2	26106-100162	BOLT, M10X 16 PLATED	6	6				
31	2	26106-100252	BOLT, M10X 25 PLATED	2	2				
32	2	26559-050202	SCREW, M5X20	1	1				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-61710	BOLT M 8X 16	4	4						
2	1	1A7610-62250	HOLDER, ROD 10	1	1						
3	1	172B03-64831	ROD ASSY, STOPPER	1	1						
4	1	172B04-64850	PLATE ASSY, SEAT SUS	1	1						
5	2	172B04-64010	SEAL, SEAT A	2	2						
6	2	172B03-64020	SEAL, SEAT	2	2						
7	2	172B04-64030	SHEET, INSULATION	1	1						
9	1	172B03-64960	PLATE, STOPPER	1	1						
10	1	22137-100000	WASHER, 10	1	1						
11	1	22157-100000	WASHER, 10	2	2						
12	1	22417-200200	PIN, COTTER 2.0X20	1	1						
13	1	26013-080162	BOLT, M8X 16	1	1						
14	1	26013-100202	BOLT, M10X 20	2	2						
15	1	26014-100252	BOLT, M10X 25	5	5						

Fig.93. HANDRAIL(LEFT)

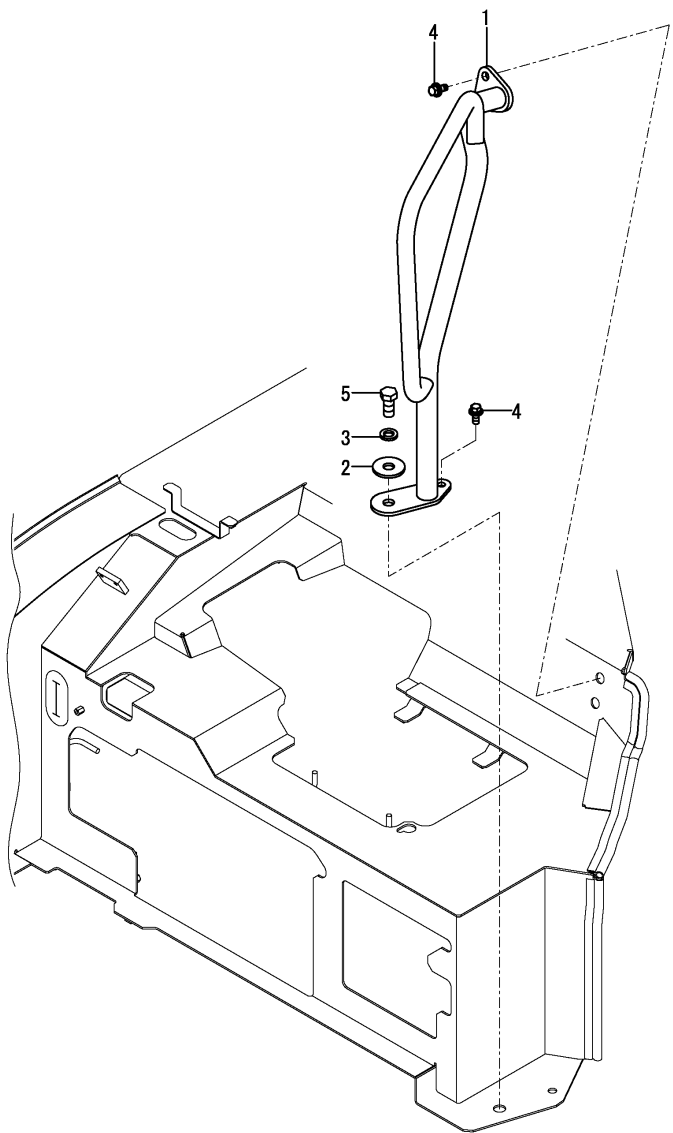
[illegible]

Fig.94. HANDRAIL(RIGHT)

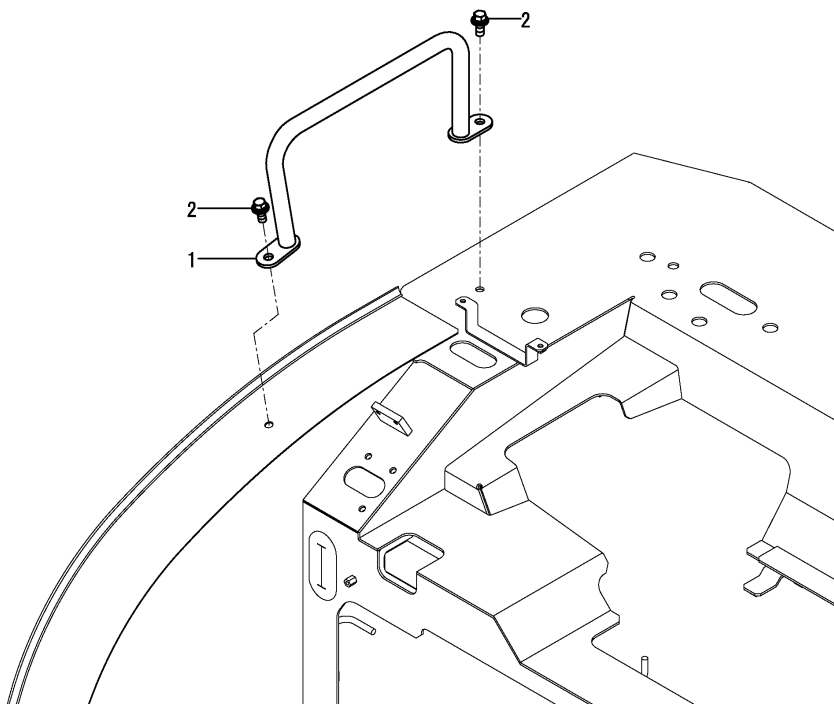
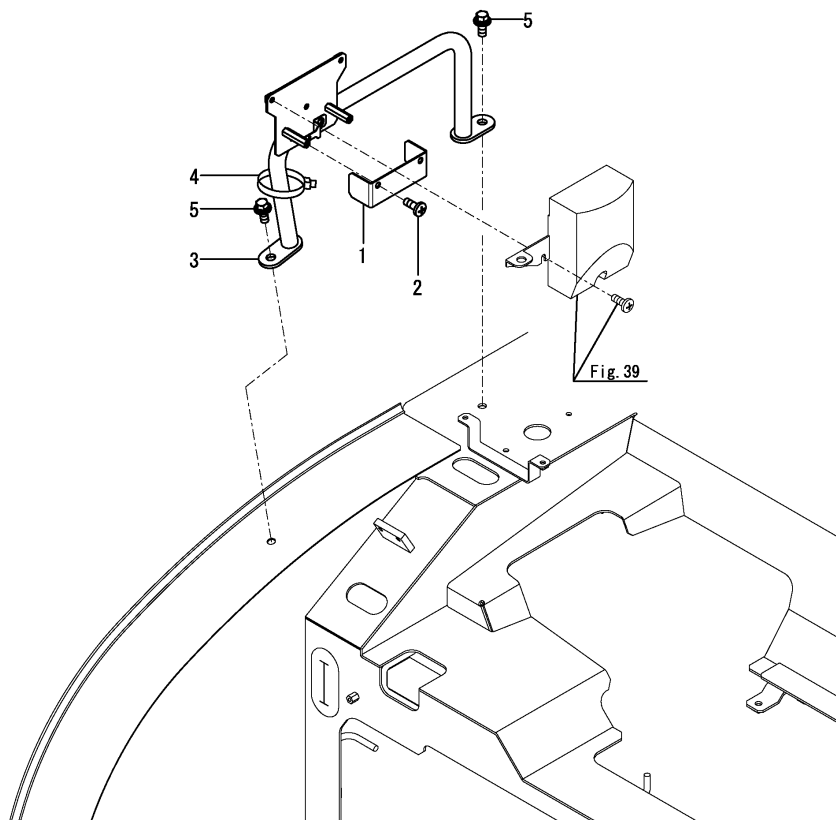
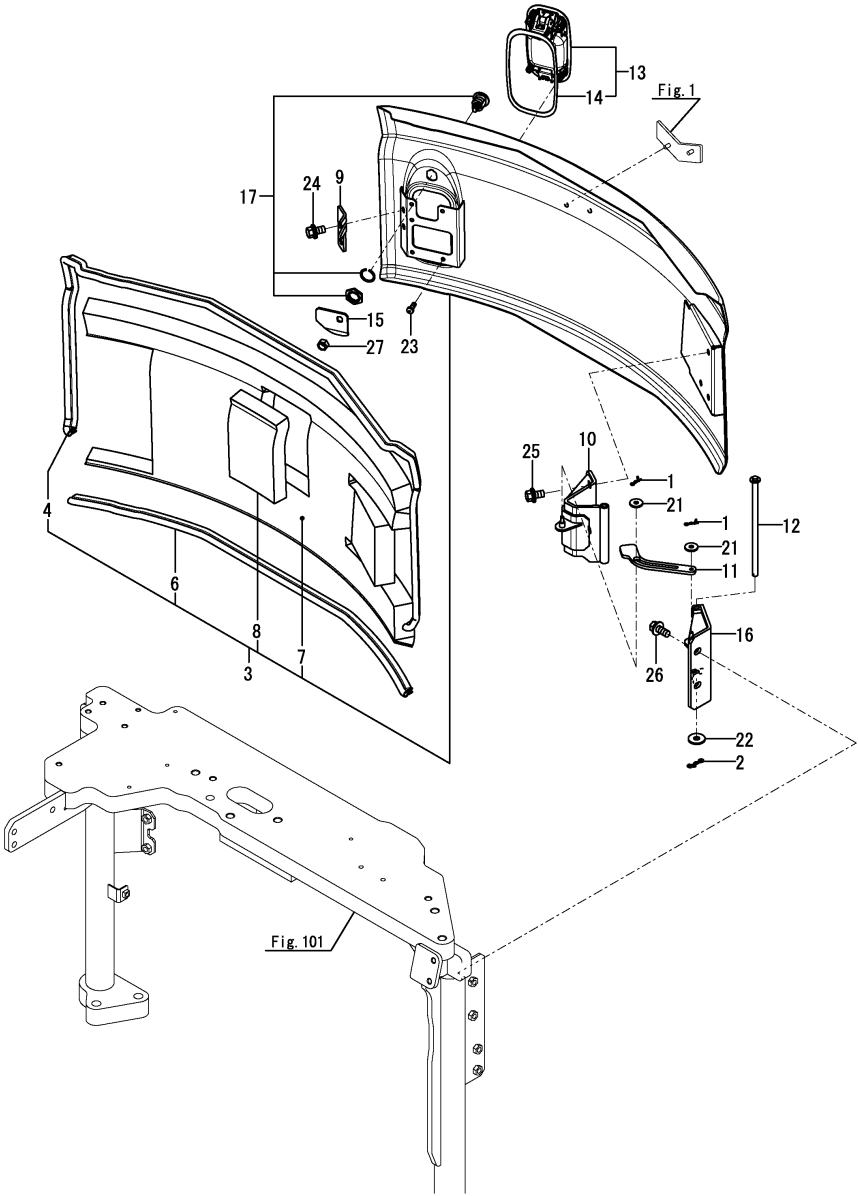
[illegible]

Fig.95. HANDRAIL(RIGHT)(QUICK COUPLER SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-17990	COVER, CONNECTOR	1							
2	1	172137-46210	SCREW	2							
3	1	172B03-64780	HANDRAIL ASSY	1							
4	1	172122-79940	CLIP, HOSE	1							
5	1	26014-100252	BOLT, M10X 25	2							

Fig.96. BONNET(REAR)



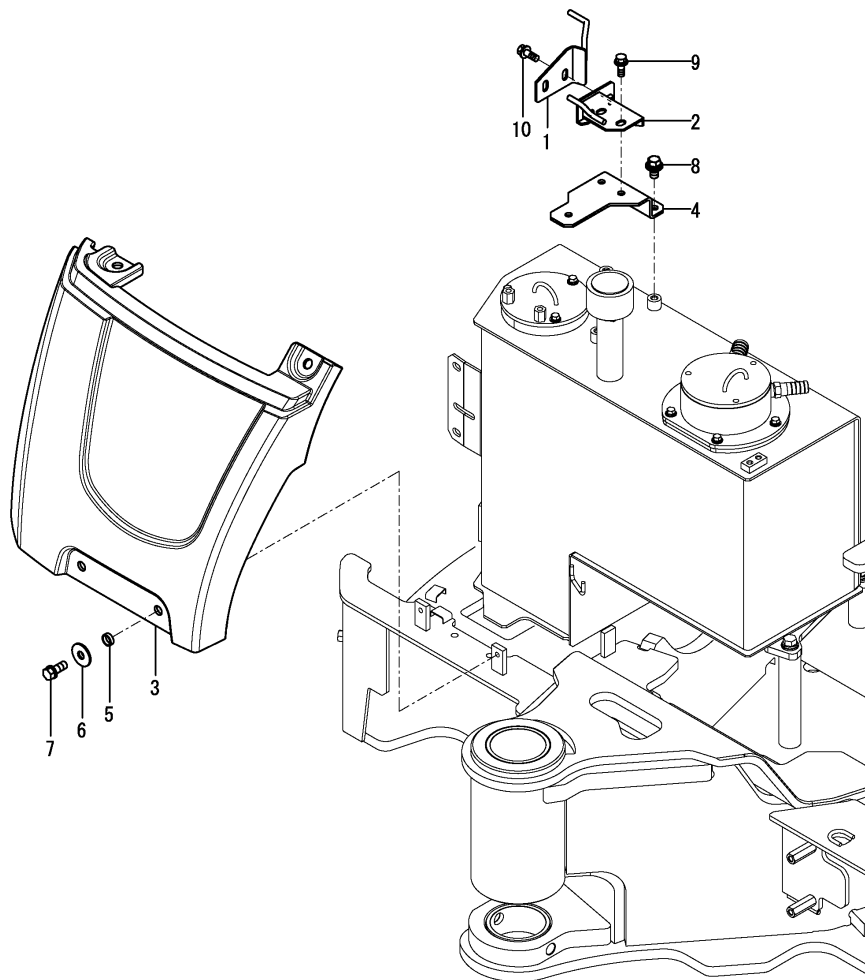
Remarks
(1)Attach the No.8A, 8B & 8C label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

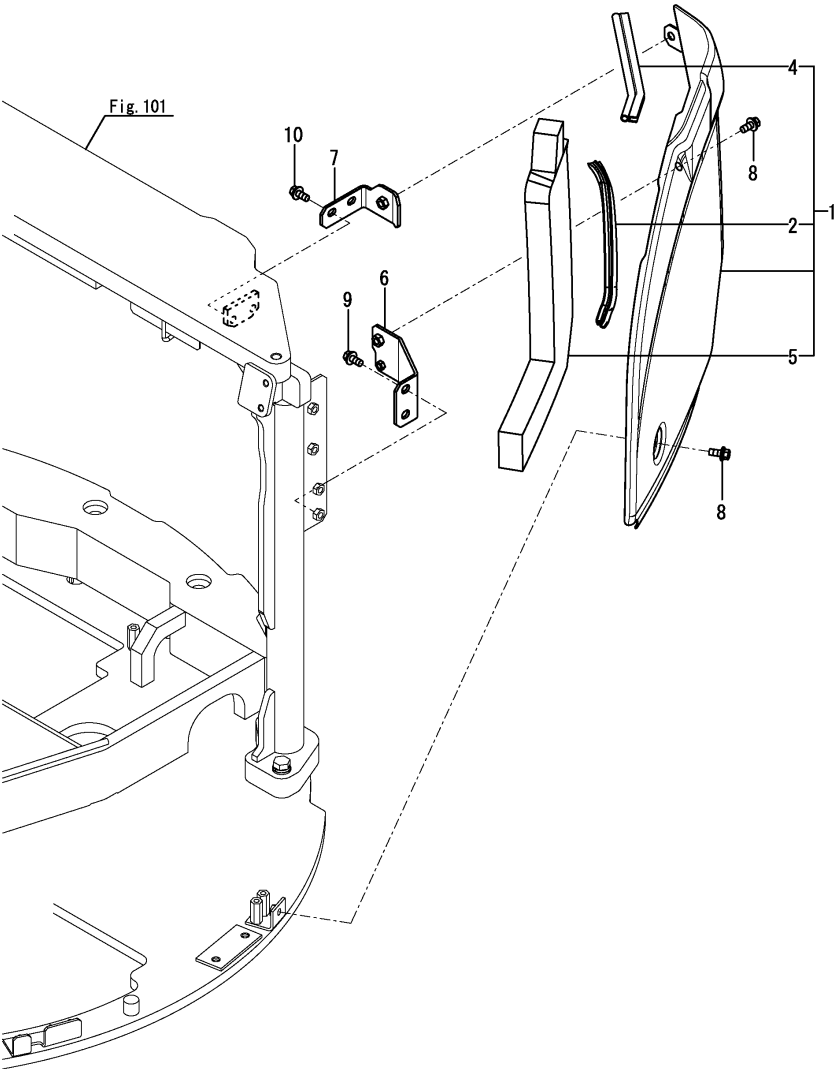
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6281-52310	PIN, SNAP 6	2	2						
2	1	1C6281-52320	PIN, SNAP 8	1	1						
3	1	172B05-65100	BONNET ASSY, A-FY	1	1						1
4	2	172A46-13780	SEAL	1	1						
6	2	172B04-65190	SEAL, 980	1	1						
7	2	172B04-65340	SPONGE, BONNET A A	1	1						
8	2	172B04-65350	SPONGE, BONNET A B	1	1						
8A	1	172A64-03380	LABEL,SWING AREA US	1	1						2
8B	1	172437-03402	LABEL, ENGINE COVER	1	1						2
8C	1	172A36-03411	LABEL, ENGINE ROOM	1	1						2
9	1	172B03-65170	GUIDE, BONNET	1	1						
10	1	172B04-65201	HINGE ASSY, B	1	1						
11	1	172B04-65290	GUIDE, BON.A LOCK	1	1						
12	1	172B04-65300	SHAFT ASSY, HINGE	1	1						
13	1	172B03-65310	HANDLE, LOCK	1	1						
14	2	172B02-65350	SEAL	1	1						
15	1	172B04-65390	PLATE, KEY LOCK	1	1						
16	1	172B04-65950	HINGE ASSY, A	1	1						
17	1	172B03-66170	CYLINDER ASSY, KEY	1	1						
21	1	22157-060000	WASHER, 6	2	2						
22	1	22157-080000	WASHER, 8	1	1						
23	1	22857-600160	SCREW, 6X16	4	4						
24	1	26014-100202	BOLT, M10X 20	2	2						
25	1	26014-100252	BOLT, M10X 25	2	2						
26	1	26014-100252	BOLT, M10X 25	2	2						
27	1	26347-100002	NUT, M10	1	1						

Fig.97. BONNET(FRONT)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US)	(D)=					I	R	
				(B)=VIO50-6A C(US)	(E)=	(F)=	Q'ty	(C)	(D)			(E)
1	1	172B04-61600	LOCK ASSY,KEY	1	1							
2	1	172B04-61851	LOCK ASSY, COVER B	1	1							
3	1	172B04-65410	BONNET, B BLACK	1	1							
4	1	172B04-65450	STAY ASSY, BONNET B	1	1							
5	1	172A47-65550	COLLAR	4	4							
6	1	22157-100000	WASHER, 10	4	4							
7	1	26013-100252	BOLT, M10X 25	4	4							
8	1	26014-100202	BOLT, M10X 20	2	2							
9	1	26014-100252	BOLT, M10X 25	2	2							
10	1	26014-100252	BOLT, M10X 25	2	2							

Fig.98. BONNET(LEFT)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

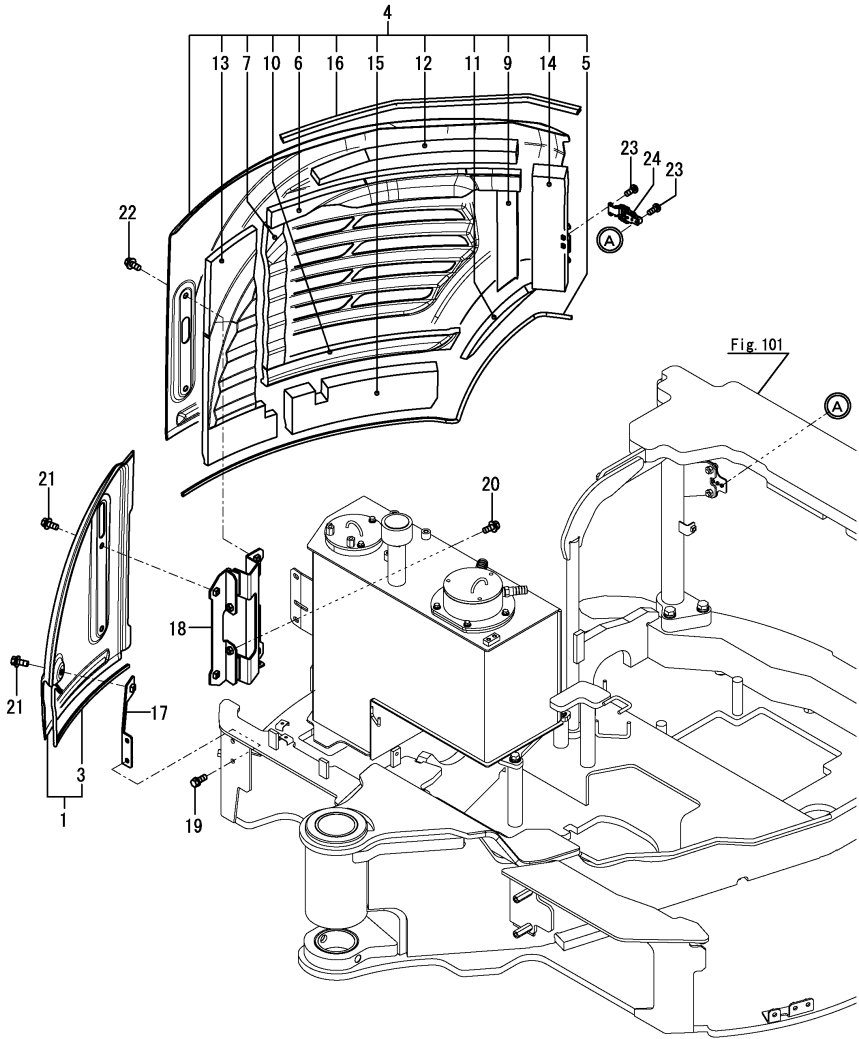
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-65600	BONNET ASSY, L	1	1						
2	2	172186-13660	RUBBER	1	1						
4	2	172B04-65650	SEAL, 290	1	1						
5	2	172B04-65670	SPONGE, BONNET L A	1	1						
6	1	172B04-65700	STAY ASSY, BON.L LOW	1	1						
7	1	172B04-65730	STAY ASSY, BON.L UP	1	1						
8	1	26014-100252	BOLT, M10X 25	3	3						
9	1	26014-100252	BOLT, M10X 25	2	2						
10	1	26014-100252	BOLT, M10X 25	2	2						

Fig.99. BONNET(RIGHT)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

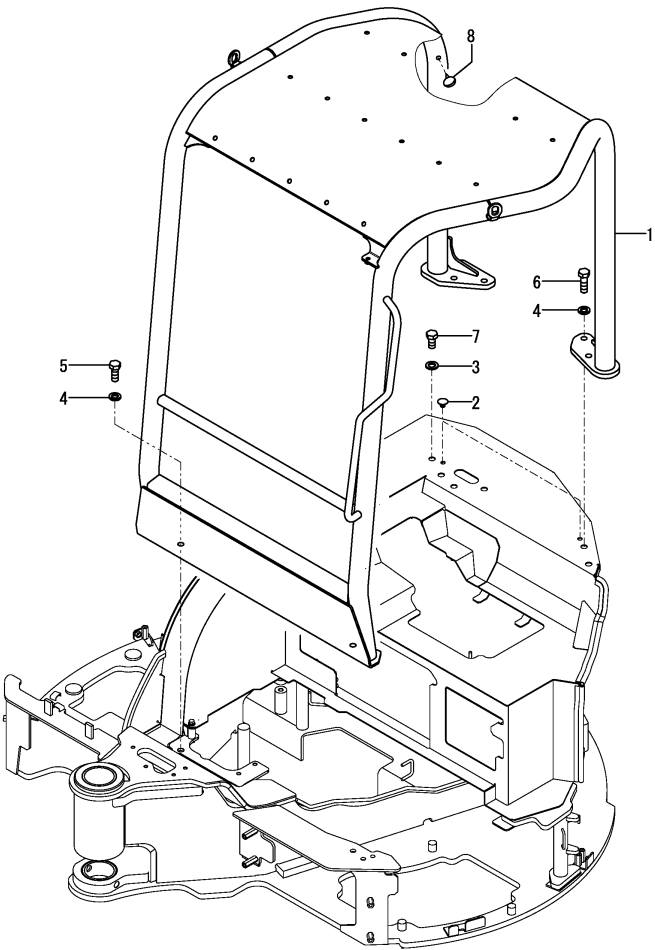


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-65800	BONNET ASSY,R FRONT	1	1						
3	2	172B05-65910	SEAL, 640	1	1						
4	1	172B04-65820	BONNET ASSY,R RR	1	1						1
5	2	172538-61250	SEAL,1250	1	1						
6	2	172B05-65810	SEAL, A BON.R	1	1						
7	2	172B05-65820	SEAL, B BON.R	1	1						
9	2	172B05-65830	SEAL, C BON.R	1	1						
10	2	172B05-65840	SEAL, D BON.R	1	1						
11	2	172B05-65851	SEAL, E BON.R	1	1						
12	2	172B05-65860	SPONGE, A BON.R	1	1						
13	2	172B05-65870	SPONGE, B BON.R	1	1						
14	2	172B05-65880	SPONGE, C BON.R	1	1						
15	2	172B05-65890	SPONGE, D BON.R	1	1						
16	2	172B05-65930	SEAL, 765	1	1						
16A	1	172437-03322	LABEL, RESEVOIR	1	1						2
17	1	172B04-65900	STAY ASSY, BONNET RF	1	1						
18	1	172B03-65950	HINGE ASSY, BON. R	1	1						
19	1	26013-100252	BOLT, M10X 25	2	2						
20	1	26014-100252	BOLT, M10X 25	2	2						
21	1	26014-100252	BOLT, M10X 25	3	3						
22	1	26014-100252	BOLT, M10X 25	2	2						
23	1	26557-050122	SCREW, M5X12	5	5						
24	1	933171-18750	CLIP, CATCH	1	1						

Remarks
(1)Attach the No.16A label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

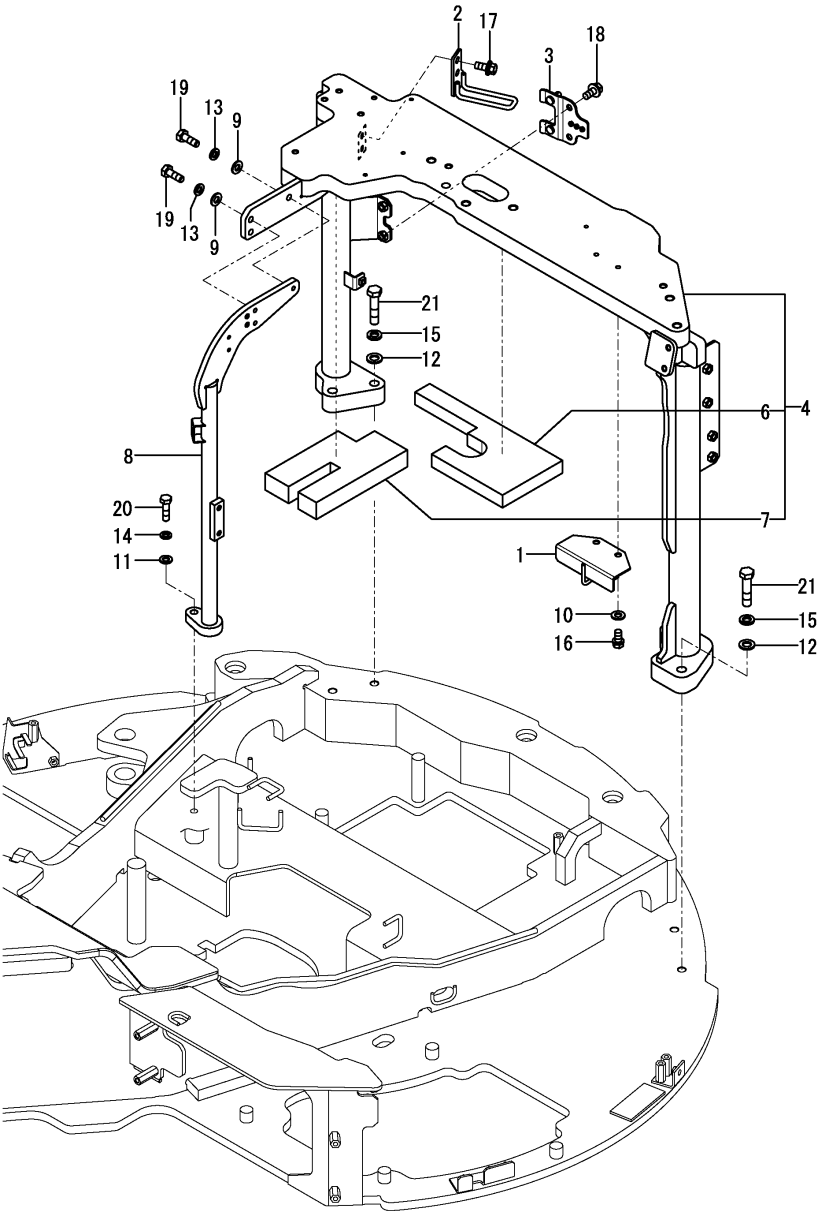
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-66300	CANOPY ASSY, ROPS	1							1
1A	1	172437-03441	LABEL, ROPS	1							2
1B	1	172437-03343	LABEL, TRANSPORT	1							2
1C	1	172437-03372	LABEL, NEUTRAL	1							2
1D	1	172437-03432	LABEL, STEERING	1							2
1E	1	172437-03451	LABEL, SEAT BELT	1							2
1F	1	172B04-03500	LABEL,LIFT EX 50	1							2
1G	1	172A79-03220	LABEL,WARNING ANGLE	1							2
1H	1	172B04-03510	LABEL,LIFT ANGLE 50	1							2
1I	1	172472-03241	LABEL, PIN US	1							2
1J	1	172B03-04400	LABEL,WARNING HITCH	1							2
1K	1	172B03-04410	LABEL,SAND US	1							2
2	1	172176-68210	CLIP, TREE	2							
3	1	22137-160000	WASHER, 16	1							
4	1	22217-160000	WASHER, SPRING 16	6							
5	1	26076-160402	BOLT, 10.916X 40	2							
6	1	26076-160502	BOLT, 10.916X 50	4							
7	1	26116-160302	BOLT, M16X 30 PLATED	1							
8	1	1E8080-78890	PLUG, 14	1							

Remarks
(1)Please use this part with following labels at the same time.
Standard specification : No.1A, 1B, 1C, 1D, 1E, & 1F.
Angle blade specification : No.1A, 1B, 1C, 1D, 1E, 1G & 1H.
Quick coupler specification : No.1A, 1B, 1C, 1D, 1E, 1F, 1I, 1J & 1K.
Angle blade with quick coupler specification : No.1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J & 1K.
(2)Label is not illustrated.

Fig.101. CANOPY MOUNT

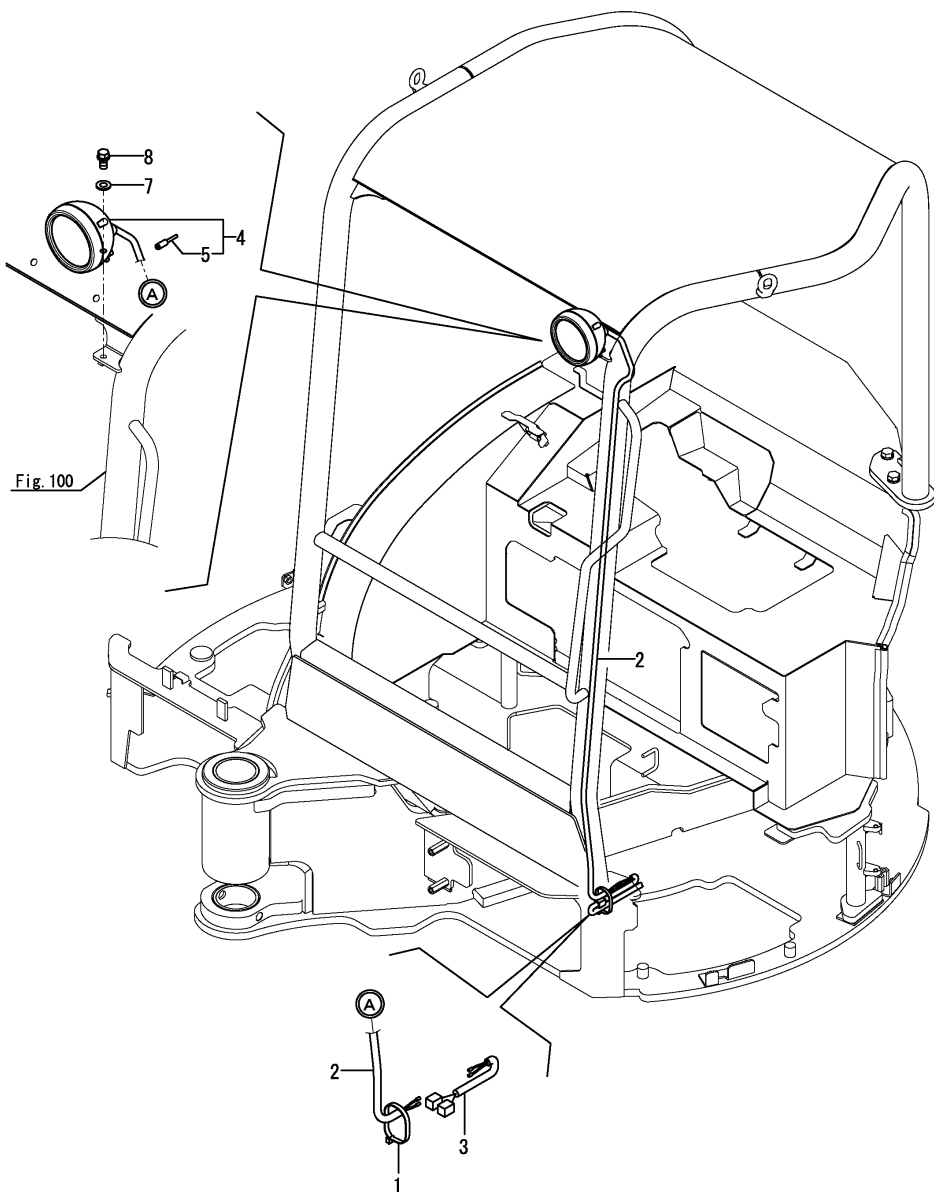


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

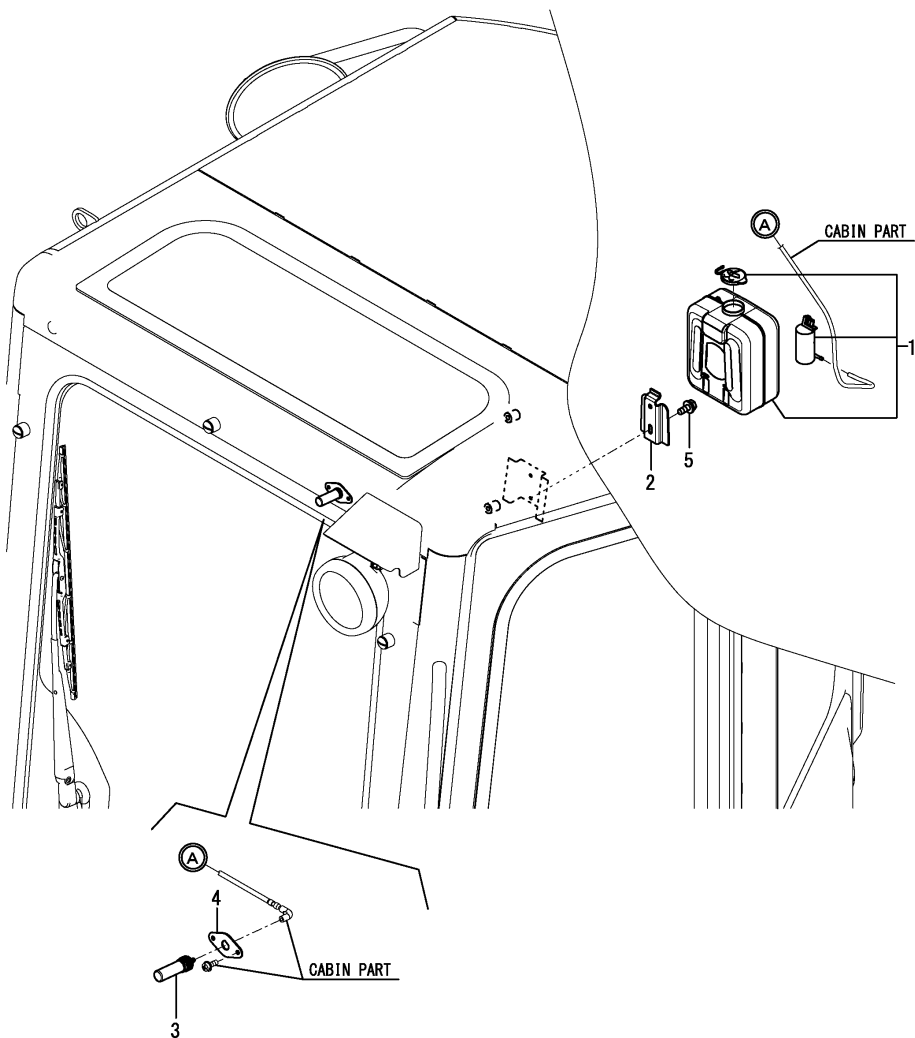
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-17350	BRACKET ASSY,HNS MNT	1	1						
2	1	172B03-65350	CATCH ASSY, BONNET	1	1						
3	1	172B03-65920	BRACKET ASSY,BON.R	1	1						
4	1	172B04-67500	MOUNT ASSY,A CANOPY	1	1						
6	2	172B04-67780	SPONGE, MOUNT A	1	1						
7	2	172B04-67790	SPONGE, MOUNT B	1	1						
8	1	172B04-67811	MOUNT ASSY, B	1	1						
9	1	22137-100000	WASHER, 10	3	3						
10	1	22137-100000	WASHER, 10	2	2						
11	1	22137-120000	WASHER, 12	1	1						
12	1	22137-160000	WASHER, 16	4	4						
13	1	22217-100000	WASHER, SPRING 10	3	3						
14	1	22217-120000	WASHER, SPRING 12	1	1						
15	1	22217-160000	WASHER, SPRING 16	4	4						
16	1	26013-100202	BOLT, M10X 20	2	2						
17	1	26014-100252	BOLT, M10X 25	2	2						
18	1	26014-100252	BOLT, M10X 25	2	2						
19	1	26076-100302	BOLT, 10.910X 30	3	3						
20	1	26076-120452	BOLT, 10.912X 45	1	1						
21	1	26076-160702	BOLT, 10.916X 70	4	4						

Fig.102. CANOPY LAMP



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=		Q'ty		I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	172B03-16650	HARNESS,LAMP B	1							
3	1	172B04-16660	HARNESS,LAMP A	1							
4	1	1A7611-86351	LAMP, WORK 55W	1							
5	2	1A7611-86270	BULB, 12V-55W	1							
7	1	22137-100000	WASHER, 10	1							
8	1	26013-100202	BOLT, M10X 20	1							

Fig.103. WINDOW WASHER



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

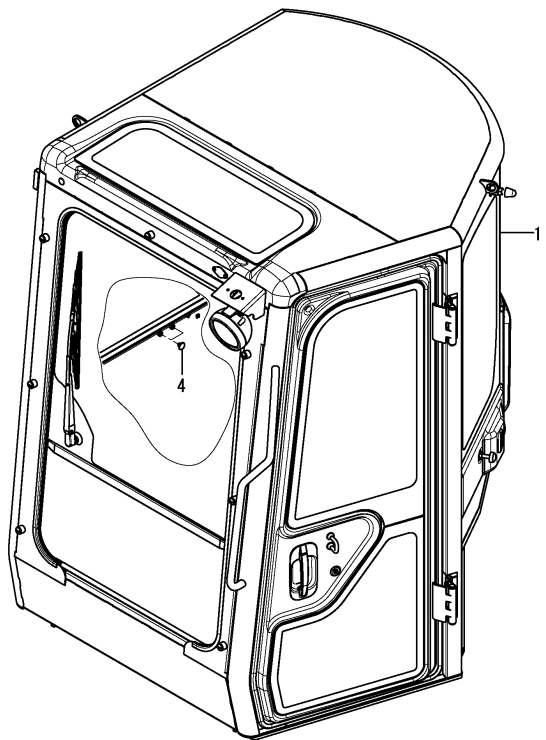
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172472-17611	TANK ASSY, WASHER		1						
2	1	120147-44810	BRACKET		1						
3	1	172538-66510	NOZZLE, WASHER		1						
4	1	172B02-67910	PLATE, NOZZLE		1						
5	1	26014-060162	BOLT, M6X 16		2						

Fig.104. CABIN(ASSEMBLY)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-68002	CABIN ASSY		1						1
3A	1	172437-03551	LABEL, WINDOW US		1						2
4	1	172444-17660	CLIP, TREE		2						3



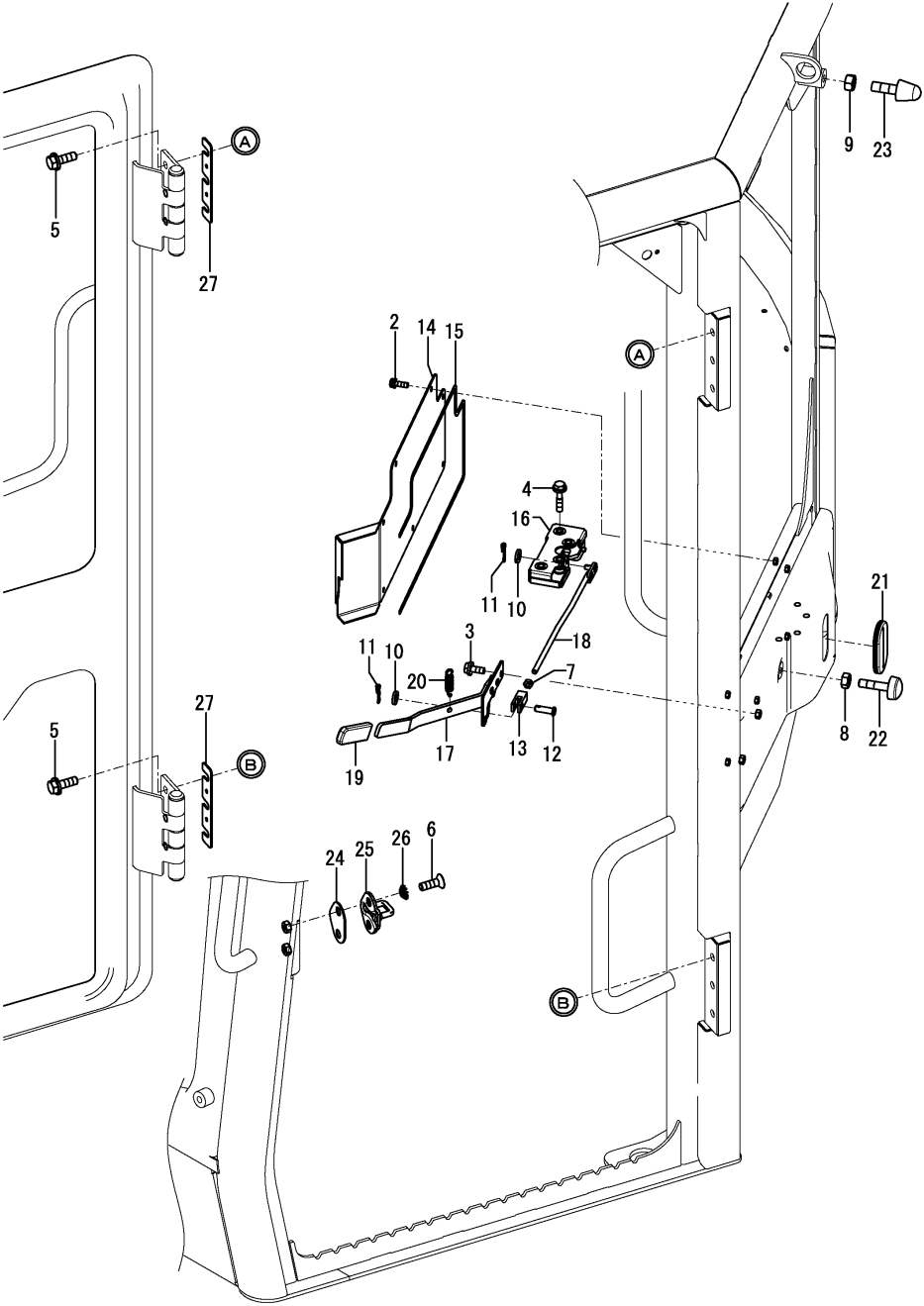
(3) Not applied for quick coupler specification.

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.105. CABIN DOOR(1)

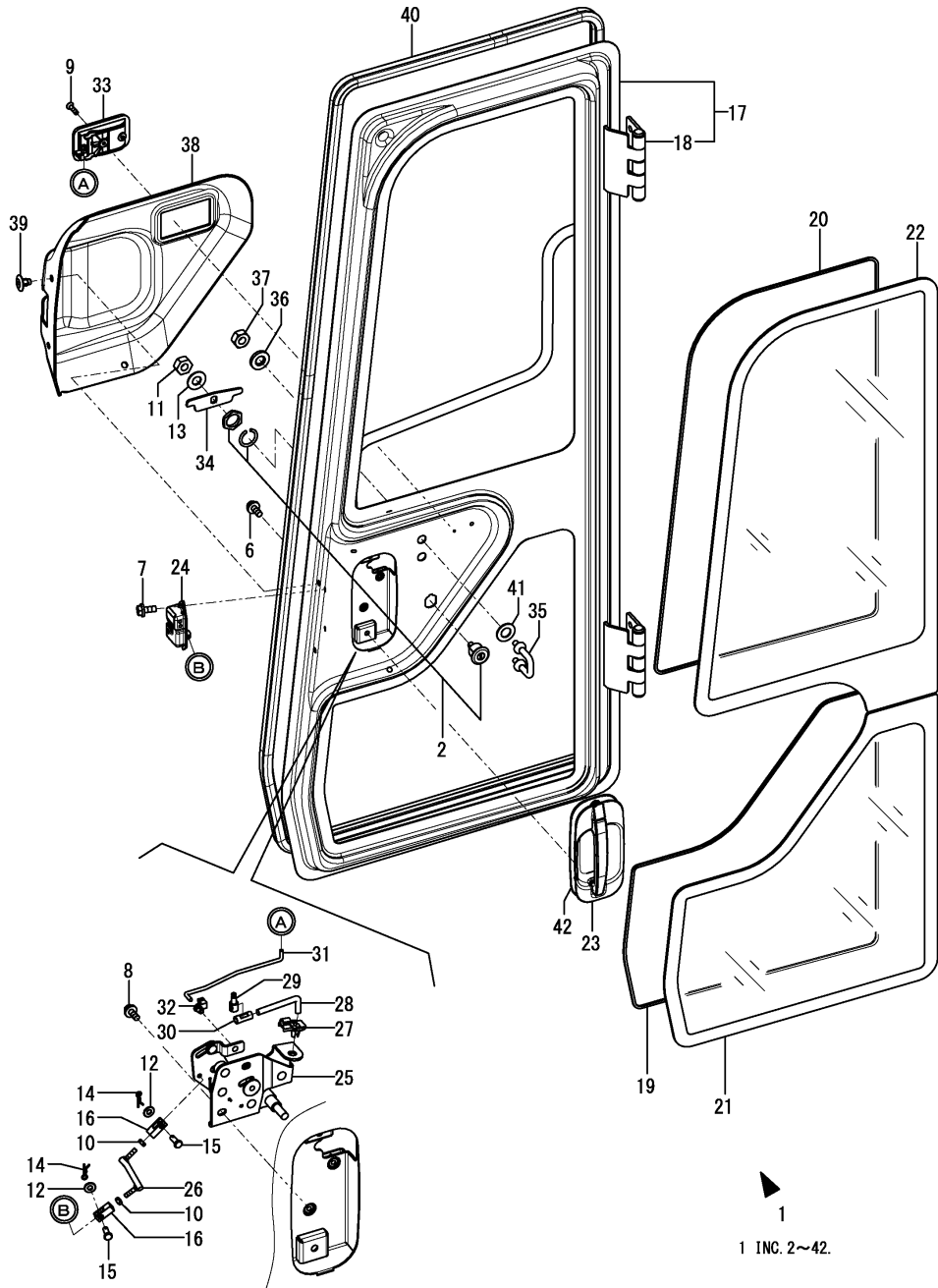
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-67100	SCREW, SEMS 5X16 B		7						
3	3	172B02-67160	BOLT, SEMS 6X16		2						
4	3	172B02-67180	BOLT, SEMS 6X30		4						
5	3	172B02-67210	BOLT, SEMS 8X20		6						
6	3	172B02-67390	SCREW, SOCKET 8X25		2						
7	3	172B02-67410	NUT, M6		1						
8	3	172B02-67430	NUT, M10		1						
9	3	172B02-67440	NUT, M12		1						
10	3	172B02-67550	WASHER, 6		2						
11	3	172B02-67620	PIN, SNAP 6		2						
12	3	172B02-67670	PIN, FLAT HEAD 6X20		1						
13	3	172B02-67710	YOKE, 6		1						
14	3	172B02-69610	COVER, CAB L		1						
15	3	172B02-69620	SEAL, COVER L		1						
16	3	172B02-69630	CATCH ASSY, DOOR		1						
17	3	172B02-69640	LEVER ASSY, DOOR		1						
18	3	172B02-69650	ROD ASSY, OPEN LOCK		1						
19	3	172B02-69660	COVER, LEVER		1						
20	3	172B02-69670	SPRING, LOCK LEVER		1						
21	3	172B02-69680	GROMMET, CATCH		1						
22	3	172B02-69690	STOPPER, DOOR		1						
23	3	172B02-69700	STOPPER, DOOR		1						
24	3	172B02-69850	SHIM, STRIKER DOOR		1						
25	3	172B02-69860	STRIKER, DOOR		1						
26	3	172B02-69870	WASHER, TOOTHED LOCK		2						
27	3	172B02-69970	SHIM, HINGE DOOR		2						

Fig.106. CABIN DOOR(2)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

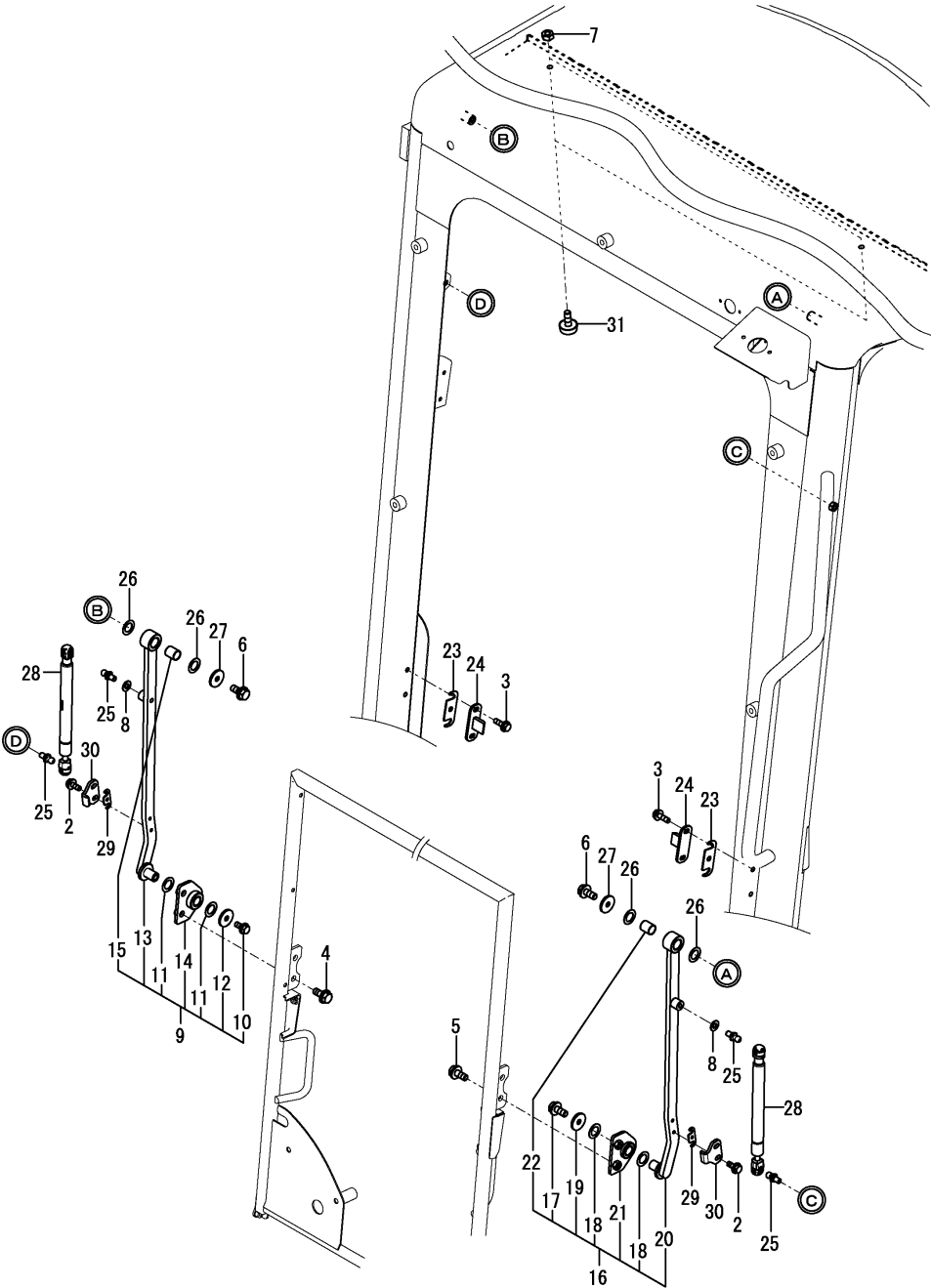
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B02-68200	DOOR ASSY, CABIN		1						
2	4	172B03-66170	CYLINDER ASSY, KEY		1						
6	4	172B02-67150	BOLT, SEMS 6X12		2						
7	4	172B02-67160	BOLT, SEMS 6X16		2						
8	4	172B02-67160	BOLT, SEMS 6X16		2						
9	4	172B02-67350	SCREW, FLAT 4X14 B		1						
10	4	172B02-67400	NUT, M4		2						
11	4	172B02-67430	NUT, M10		1						
12	4	172B02-67500	WASHER, 4		2						
13	4	172B02-67530	WASHER, 10		1						
14	4	172B02-67600	PIN, SNAP 4		2						
15	4	172B02-67650	PIN, FLAT HEAD 4X12		2						
16	4	172B02-67700	YOKE, 4		2						
17	4	172B02-68210	FRAME ASSY, DOOR		1						
18	5	172B02-68220	HINGE, DOOR		2						
19	4	172B02-68230	DAM,1800		1						
20	4	172B02-68240	DAM, 2150		1						
21	4	172B02-68250	GLASS,DOOR LOW		1						
22	4	172B02-68260	GLASS, DOOR UP		1						
23	4	172B02-68270	HANDLE ASSY,OUTER		1						
24	4	172B02-68280	LOCK ASSY, DOOR		1						
25	4	172B02-68290	CONTROLLER ASSY,RMT		1						
26	4	172B02-68300	ROD ASSY, LINK LOCK		1						
27	4	172B02-68310	CLIP, ROD 6		1						
28	4	172B02-68320	ROD ASSY, LINK O/H		1						
29	4	172B02-68330	PIN, REGULATE		1						
30	4	172B02-68340	TUBE, ROD 6		1						
31	4	172B02-68350	ROD, LINK I/H-R/M		1						
32	4	172B02-68360	CLIP, ROD 3.5		1						
33	4	172B02-68370	HANDLE, DOOR INNER		1						
34	4	172B02-68380	PLATE, KEY LOCK DOOR		1						
35	4	172B02-68390	STRIKER ASSY, DOOR		1						
36	4	172B02-68400	WASHER, 10 BK		2						
37	4	172B02-68410	NUT, M10 BK		2						
38	4	172B02-68420	COVER,DOOR INNER		1						
39	4	172B02-68430	RIVET, 8		4						
40	4	172B02-68440	SEAL, DOOR		1						
41	4	172B02-68450	WASHER, SEAL 12		2						
42	4	172B02-69620	SEAL, COVER L		1						

Fig.107. CABIN(FRONT WINDOW)(1)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

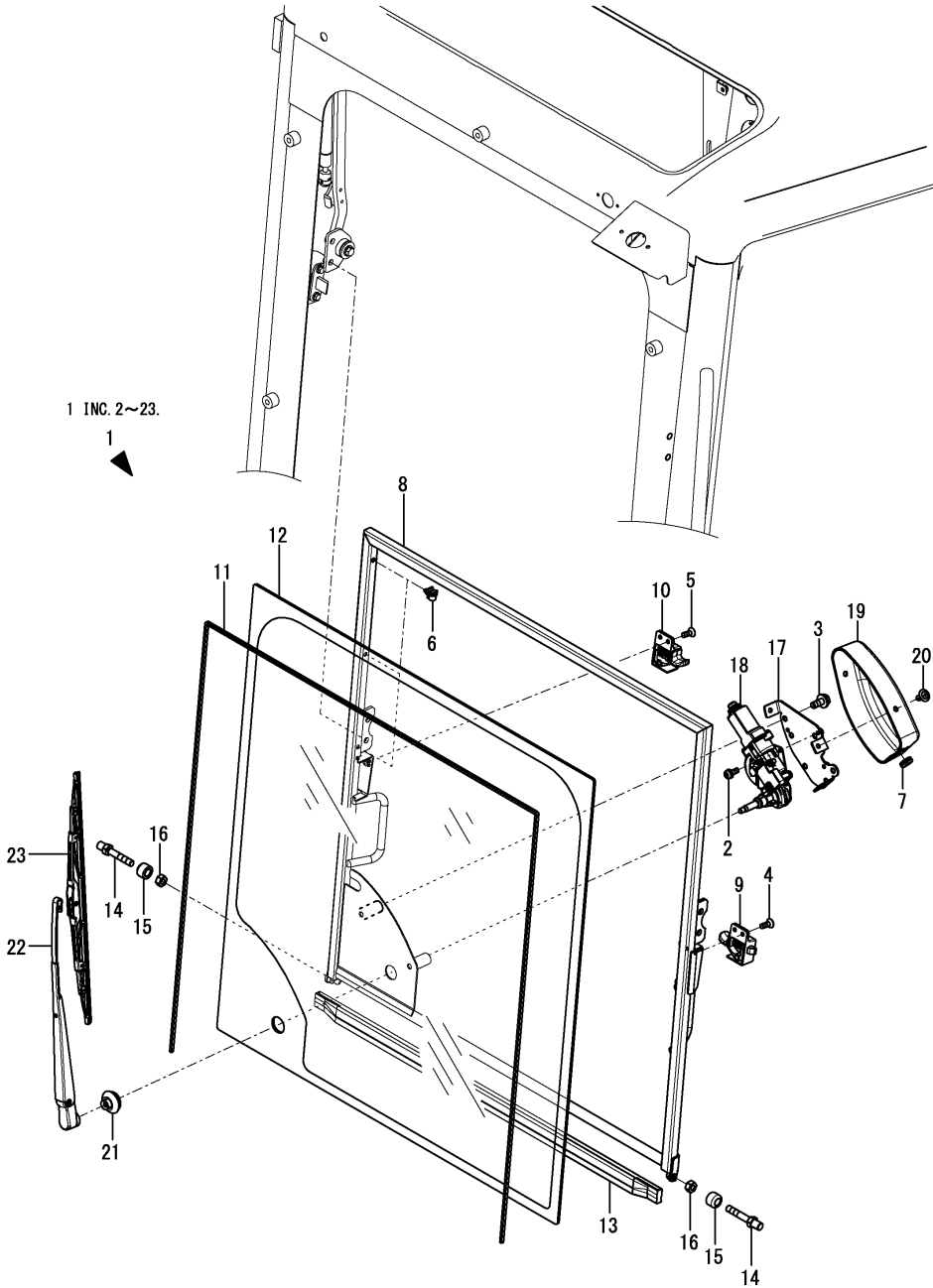


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-67250	BOLT, SEMS 6X16 B		4						
3	3	172B02-67260	BOLT, SEMS 6X20 B		4						
4	3	172B02-67280	BOLT, SEMS 8X20 B		2						
5	3	172B02-67280	BOLT, SEMS 8X20 B		2						
6	3	172B02-67280	BOLT, SEMS 8X20 B		2						
7	3	172B02-67430	NUT, M10		2						
8	3	172B02-67520	WASHER, 8		2						
9	3	172B02-69120	ARM ASSY, R F/W		1						
10	4	172B02-67280	BOLT, SEMS 8X20 B		1						
11	4	172B02-69170	WASHER, THRUST 16		2						
12	4	172B02-69180	WASHER, 8.5X30X3.2		1						
13	4	172B02-69260	ARM ASSY, R		1						
14	4	172B02-69280	BRACKET ASSY, ARM		1						
15	4	172B02-69290	BUSH, 17X20		1						
16	3	172B02-69130	ARM ASSY, L F/W		1						
17	4	172B02-67280	BOLT, SEMS 8X20 B		1						
18	4	172B02-69170	WASHER, THRUST 16		2						
19	4	172B02-69180	WASHER, 8.5X30X3.2		1						
20	4	172B02-69270	ARM ASSY, L		1						
21	4	172B02-69280	BRACKET ASSY, ARM		1						
22	4	172B02-69290	BUSH, 17X20		1						
23	3	172B02-69140	SHIM, LOCK PLATE		2						
24	3	172B02-69150	STRIKER ASSY, F/W		2						
25	3	172B02-69160	BALL, STUD		4						
26	3	172B02-69170	WASHER, THRUST 16		4						
27	3	172B02-69180	WASHER, 8.5X30X3.2		2						
28	3	172B02-69190	SPRING, GAS FRONT G		2						
29	3	172B02-69200	SHIM, STRIKER ARM		2						
30	3	172B02-69210	STRIKER, ARM		2						
31	3	172B02-69220	STOPPER, F/W		2						

Fig.108. CABIN(FRONT WINDOW)(2)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

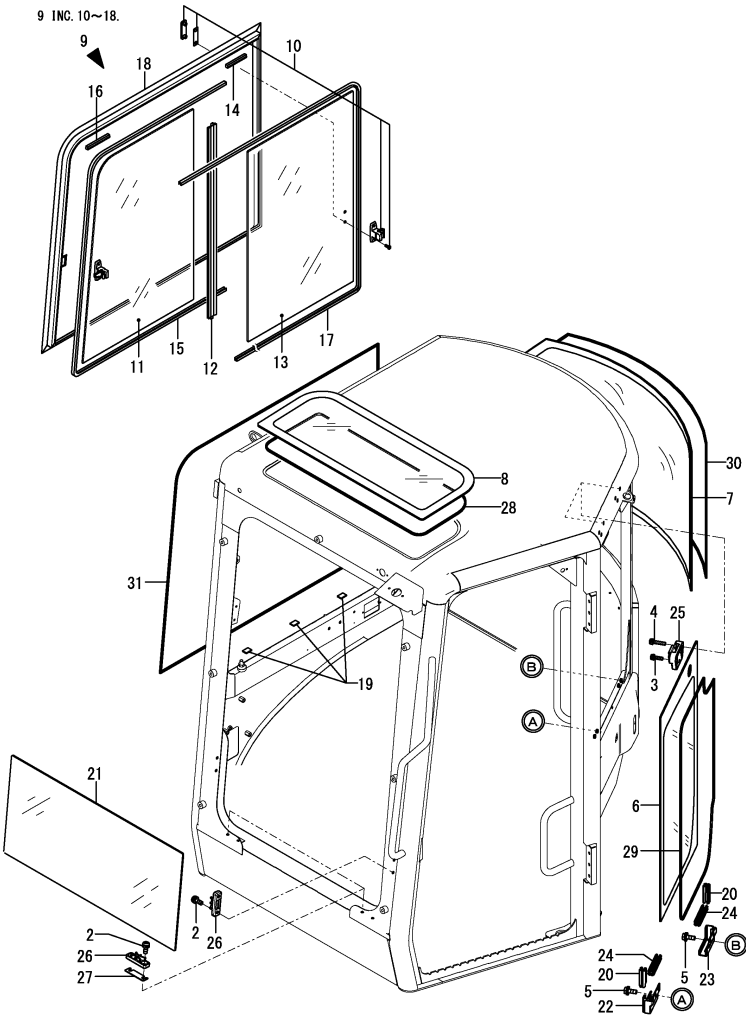


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B02-68500	WINDOW ASSY, FRONT		1						
2	4	172B02-67020	SCREW, SEMS 5X12		3						
3	4	172B02-67200	BOLT, SEMS 8X16		2						
4	4	172B02-67380	SCREW, SOCKET 6X16		2						
5	4	172B02-67380	SCREW, SOCKET 6X16		2						
6	4	172B02-67870	CLAMP, CABLE 5		3						
7	4	172B02-67950	CAP, 10		1						
8	4	172B02-68510	FRAME ASSY, FRONT		1						
9	4	172B02-68520	LOCK ASSY, L F/W		1						
10	4	172B02-68530	LOCK ASSY, R F/W		1						
11	4	172B02-68540	DAM, 2450		1						
12	4	172B02-68550	GLASS, FRONT UP		1						
13	4	172B02-68560	SEAL, FRONT GLASS		1						
14	4	172B02-68570	BOLT, ROLLER		2						
15	4	172B02-68580	ROLLER, 18X13		2						
16	4	172B02-68590	NUT, M8 BK		2						
17	4	172B02-68600	BRACKET ASSY,W-MOTOR		1						
18	4	172B02-68610	MOTOR, WIPER		1						
19	4	172B02-68620	COVER, WIPER MOTOR		1						
20	4	172B02-68630	RIVET, 7		3						
21	4	172B02-68640	CAP, WIPER		1						
22	4	172B02-68650	ARM, WIPER		1						
23	4	172B02-68660	BLADE, WIPER		1						

Fig.109. CABIN(GLASS)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

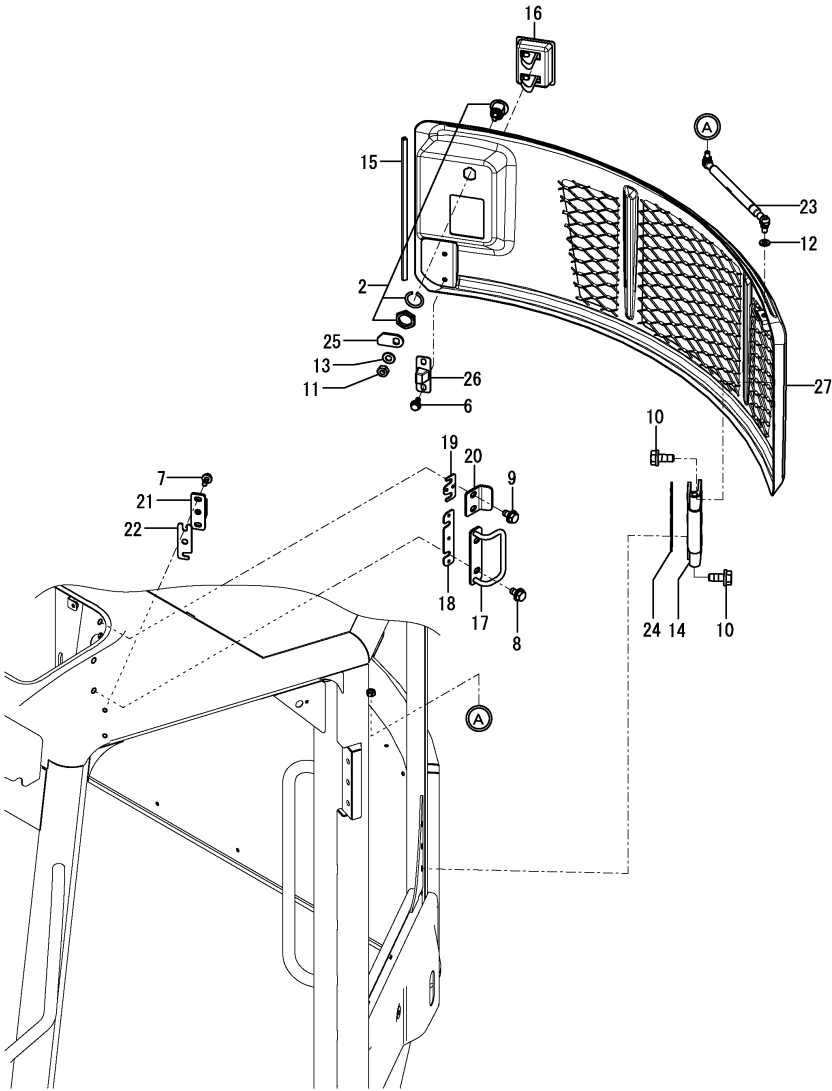
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-67060	SCREW, SEMS 6X16		8						
3	3	172B02-67120	SCREW, SEMS 6X20 B		2						
4	3	172B02-67140	SCREW, SEMS 6X30 B		4						
5	3	172B02-67250	BOLT, SEMS 6X16 B		4						
6	3	172B02-69230	GLASS, SIDE L		1						
7	3	172B02-69240	GLASS,REAR		1						1
8	3	172B02-69250	ROOF, POLYCARBONATE		1						
9	3	172B02-69301	SASH ASSY		1						
10	4	172B02-69311	LOCK ASSY, SASH 28		2						
11	4	172B02-69321	GLASS, SASH FRONT		1						
12	4	172B02-69351	SEAL, SASH		1						
13	4	172B02-69361	GLASS, SASH REAR		1						2
14	4	172B02-69401	STOPPER, SASH A		1						
15	4	172B02-69411	GLASSRUN, 2471		1						
16	4	172B02-69421	STOPPER, SASH B		1						
17	4	172B02-69431	GLASSRUN, 2500		1						
18	4	172B02-69451	FRAME ASSY, SASH		1						
19	3	172B02-69460	SHEET,STOPPER		3						
20	3	172B02-69490	GLASSRUN, 40		2						
21	3	172B02-69500	GLASS, FRONT LOWER		1						
22	3	172B02-69510	HOLDER ASSY, GLASS R		1						
23	3	172B02-69520	HOLDER ASSY, GLASS L		1						
24	3	172B02-69530	GLASSRUN, 80		2						
25	3	172B02-69540	HOLDER, GLASS		2						
26	3	172B02-69550	SEAT, GLASS		4						
27	3	172B02-69560	SHIM, SEAT GLASS		2						
28	3	172B02-69570	DAM, 1900		1						
29	3	172B02-69580	DAM, 2300		1						
30	3	172B02-69590	DAM,2900		1						
31	3	172B02-69600	DAM, 3550		1						
32A	1	172B04-03500	LABEL,LIFT EX 50		1						3
32B	1	172B04-03510	LABEL,LIFT ANGLE 50		1						3
33A	1	172437-03343	LABEL, TRANSPORT		1						3
33B	1	172437-03372	LABEL, NEUTRAL		1						3
33C	1	172A79-03220	LABEL,WARNING ANGLE		1						3
33D	1	172472-03241	LABEL, PIN US		1						3
33E	1	172B03-04400	LABEL,WARNING HITCH		1						3
33F	1	172B03-04410	LABEL,SAND US		1						3

Remarks
(1)Please use this part with following label at the same time.
Standard blade specification : No.32A.
Angle blade specification : No.32B.
(2)Please use this part with following label at the same time.
Standard blade specification : No.33A & 33B.
Standard blade with quick coupler specification : No.33A, 33B, 33D, 33E & 33F.
Angle blade specification : No.33A, 33B & 33C.
Angle blade with quick coupler specification : No.33A, 33B, 33C, 33D, 33E & 33F.
(3)Label is not illustrated.

Fig.110. CABIN(REAR COVER)



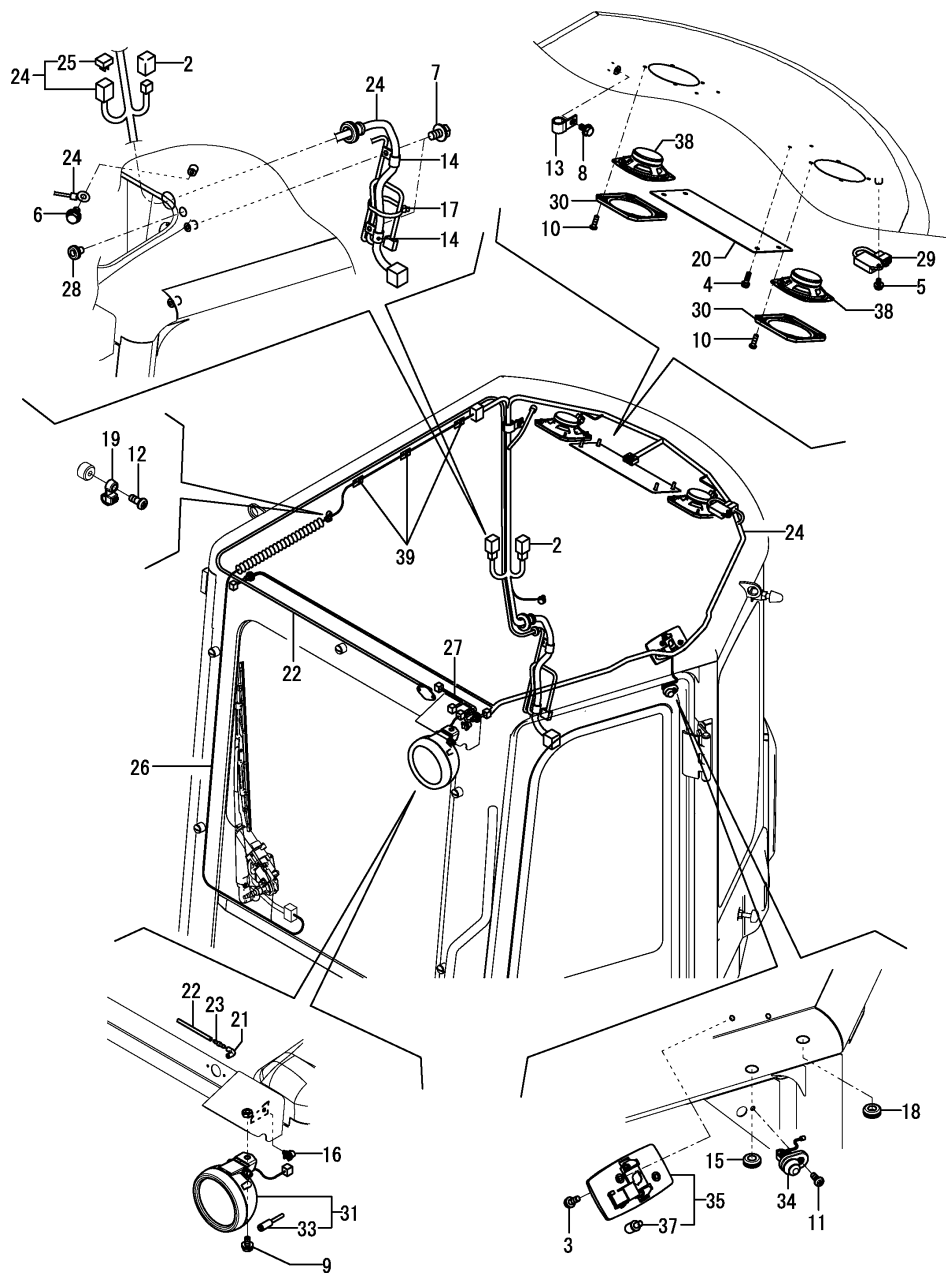
Remarks
(1)Attach the No.28A label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

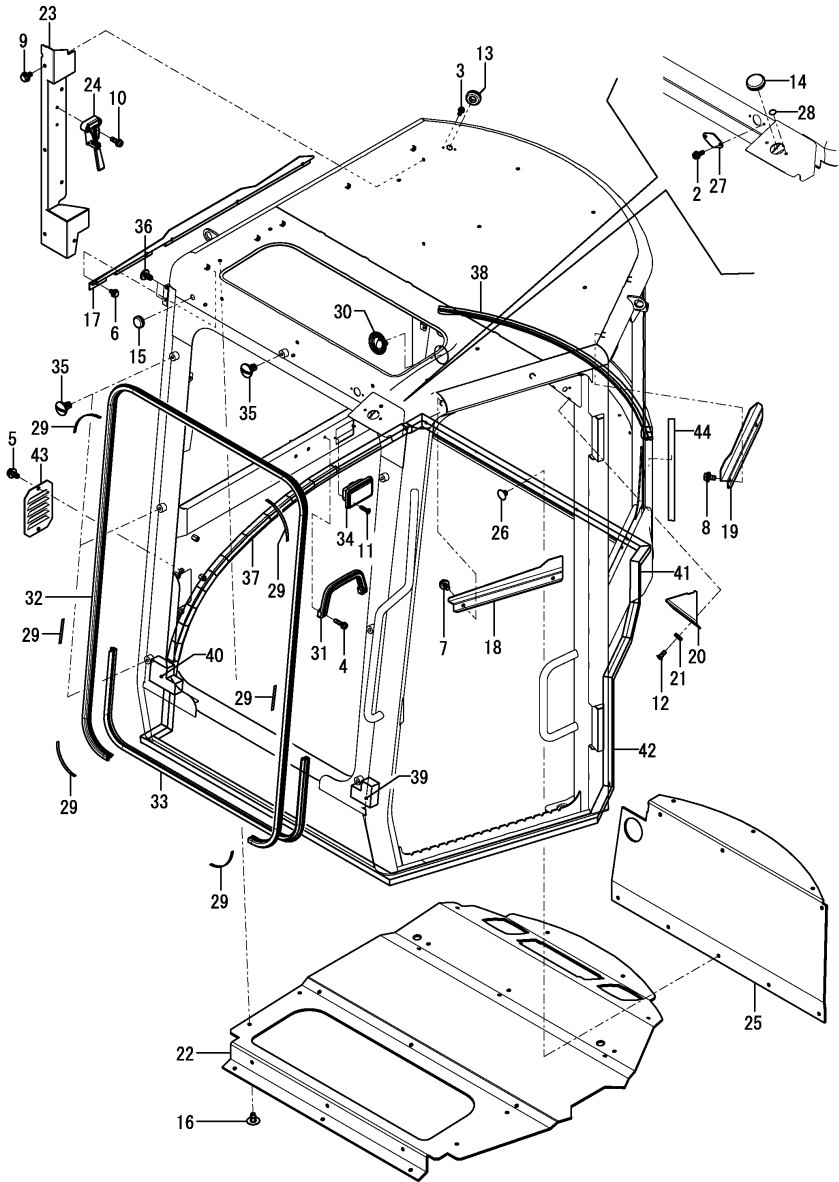
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B03-66170	CYLINDER ASSY, KEY		1						
6	3	172B02-67160	BOLT, SEMS 6X16		2						
7	3	172B02-67170	BOLT, SEMS 6X20		2						
8	3	172B02-67200	BOLT, SEMS 8X16		2						
9	3	172B02-67200	BOLT, SEMS 8X16		2						
10	3	172B02-67230	BOLT, SEMS 10X25		6						
11	3	172B02-67430	NUT, M10		1						
12	3	172B02-67520	WASHER, 8		1						
13	3	172B02-67530	WASHER, 10		1						
14	3	172527-68980	HINGE, DOOR		1						
15	3	172B02-69010	TRIM, REAR COVER		1						
16	3	172B02-69040	HANDLE,LOCK BLACK		1						
17	3	172B02-69710	CATCH ASSY, COVER R		1						
18	3	172B02-69720	SHIM, CATCH R COVER		1						
19	3	172B02-69730	SHIM, LOCK PLATE		1						
20	3	172B02-69740	PLATE, LOCK		1						
21	3	172B02-69750	CATCH, DOVE TAIL B		1						
22	3	172B02-69760	SHIM, DOVE TAIL		1						
23	3	172B02-69770	SPRING, GAS REAR COV		1						
24	3	172B02-69780	SHIM, HINGE REAR		1						
25	3	172B02-69790	PLATE, KEY LOCK		1						
26	3	172B02-69800	CATCH, DOVE TAIL A		1						
27	3	172B02-69810	COVER ASSY, REAR		1						1
28A	1	172B03-03420	LABEL,WARNING A/C US		1						2

Fig.111. CABIN(ELECTRIC PARTS)



No.	Lev.	Parts No.	Description	(A) (B)		Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-17160	RELAY,CA A TYPE		1						
3	3	172B02-67040	SCREW, SEMS 5X16		2						
4	3	172B02-67120	SCREW, SEMS 6X20 B		4						
5	3	172B02-67150	BOLT, SEMS 6X12		1						
6	3	172B02-67190	BOLT, SEMS 8X12		1						
7	3	172B02-67200	BOLT, SEMS 8X16		2						
8	3	172B02-67200	BOLT, SEMS 8X16		1						
9	3	172B02-67290	BOLT, SEMS 10X20 B		1						
10	3	172B02-67300	SCREW, PAN 4X12 B		8						
11	3	172B02-67310	SCREW, PAN 5X12 B		1						
12	3	172B02-67310	SCREW, PAN 5X12 B		1						
13	3	172B02-67750	CLIP, HOSE 14		1						
14	3	172B02-67760	CLIP, HOSE 17		2						
15	3	172B02-67800	GROMMET, 10		1						
16	3	172B02-67850	CLAMP, CABLE 3		1						
17	3	172B02-67870	CLAMP, CABLE 5		1						
18	3	172B02-67950	CAP, 10		1						
19	3	172B02-68750	CLIP, HARNESS		1						
20	3	172B02-68820	COVER, RADIO LESS		1						
21	3	172B02-68850	JOINT, WASHER		1						
22	3	172B02-68860	HOSE, WASHER		1						
23	3	172B02-68870	VALVE, CHECK WASHER		1						
24	3	172B02-69102	HARNESS, CAB MAIN		1						
25	4	172648-16600	DIODE, 1.5-2P		1						
26	3	172B02-69110	HARNESS, WIPER MOTOR		1						
27	3	172B02-69980	HARNESS, WORK LAMP		1						
28	3	172B02-69990	GROMMET, 15X 21X 8		1						
29	3	128300-77920	TIMER		1						
30	3	1E9535-79420	COVER, SPEAKER		2						
31	3	1A7611-86251	LAMP, WORK 55W		1						
33	4	1A7611-86270	BULB, 12V-55W		1						
34	3	198463-86440	SWITCH, DOOR LAMP		1						
35	3	1A7470-86750	LAMP ASSY, ROOM		1						
37	4	1A7470-86770	BULB, 12V/5W		1						
38	3	1A8110-86920	SPEAKER		2						
39	3	933169-15231	STAPLE		3						

Fig.112. CABIN(ACCESSORY)



Remarks
(1)Attach the No.45A & 45B label to this part.
(2)Label is not illustrated.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-67080	SCREW, SEMS 4X12 B		2						
3	3	172B02-67090	SCREW, SEMS 4X16 B		2						
4	3	172B02-67130	SCREW, SEMS 6X25 B		2						
5	3	172B02-67200	BOLT, SEMS 8X16		2						
6	3	172B02-67240	BOLT, SEMS 6X12 B		5						
7	3	172B02-67240	BOLT, SEMS 6X12 B		2						
8	3	172B02-67240	BOLT, SEMS 6X12 B		2						
9	3	172B02-67240	BOLT, SEMS 6X12 B		6						
10	3	172B02-67320	SCREW, PAN 5X16 B		2						
11	3	172B02-67340	SCREW, FLAT 4X16		2						
12	3	172B02-67360	SCREW, ROUND 6X16		2						
13	3	172B02-67950	CAP, 10		1						
14	3	172B02-67960	CAP, 25		1						
15	3	172B02-67970	CAP, 16		1						
16	3	172B02-68430	RIVET, 8		23						
17	3	172B02-68700	COVER, CAB TOP R		1						
18	3	172B02-68710	COVER, CAB TOP LF		1						
19	3	172B02-68720	COVER, CAB TOP LR		1						
20	3	172B02-68730	COVER, DOOR SWITCH		1						
21	3	172B02-68740	WASHER, 6 DRESSING		2						
22	3	172B02-68760	PAD, ROOF		1						
23	3	172B02-68780	COVER ASSY, HARNESS		1						1
24	3	172B02-68790	HAMMER		1						
25	3	172B02-68800	PAD, REAR		1						
26	3	172B02-68810	CLIP, TREE 6		11						
27	3	172B02-68840	PLATE, NOZZLE LESS		1						
28	3	172B02-68880	SEAL, 14 GRAY		2						
29	3	172B02-68890	TAPE, BUTYL		6						
30	3	172B02-69020	GROMMET, VALVE		1						
31	3	172B02-69030	GRIP, BLACK		1						
32	3	172B02-69820	SEAL, 3450		1						
33	3	172B02-69830	SEAL, 1570		1						
34	3	172B02-69841	ASHTRAY, BLACK		1						
35	3	172B02-69880	PLUG, M10		7						
36	3	172B02-69880	PLUG, M10		2						
37	3	172B02-69890	SEAL, CABIN 1360		1						
38	3	172B02-69900	SEAL, 950		1						
39	3	172B02-69910	SEAL, FRONT R		1						
40	3	172B02-69920	SEAL, FRONT L		1						
41	3	172B02-69930	SEAL, CABIN 500		1						
42	3	172B02-69940	SEAL, CABIN 430		1						
43	3	172B02-69950	LOUVER		1						
44	3	172B02-69960	TAPE, REAR COVER		1						
45A	1	172437-03451	LABEL, SEAT BELT		1						2
45B	1	172437-03441	LABEL, ROPS		1						2

Fig.113. REARVIEW MIRROR



CANOPY

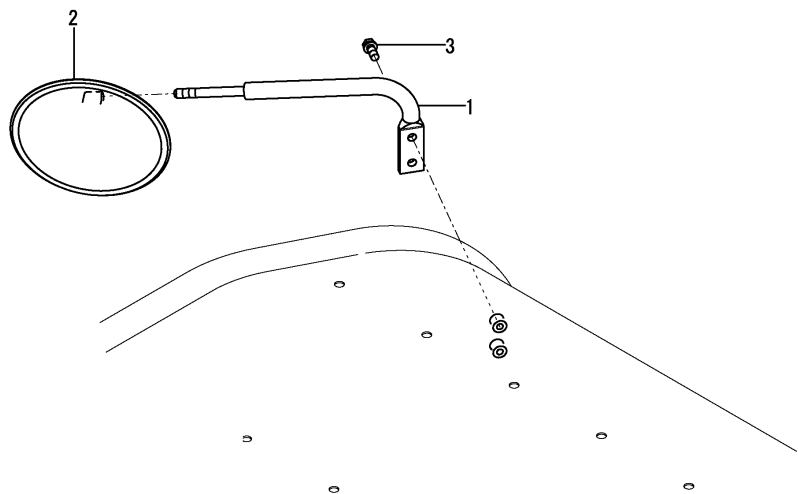
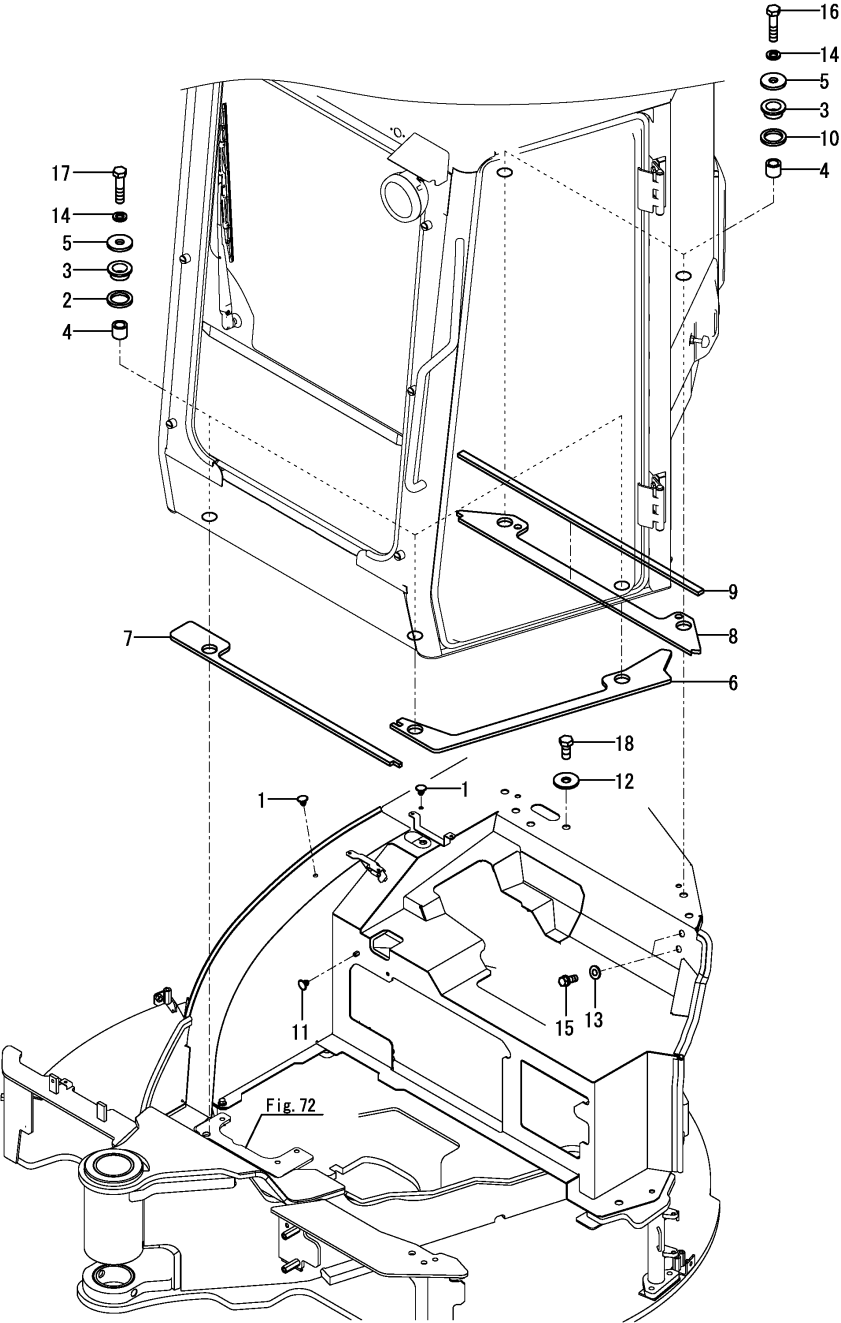
[illegible]

Fig.114. CABIN(PAD)

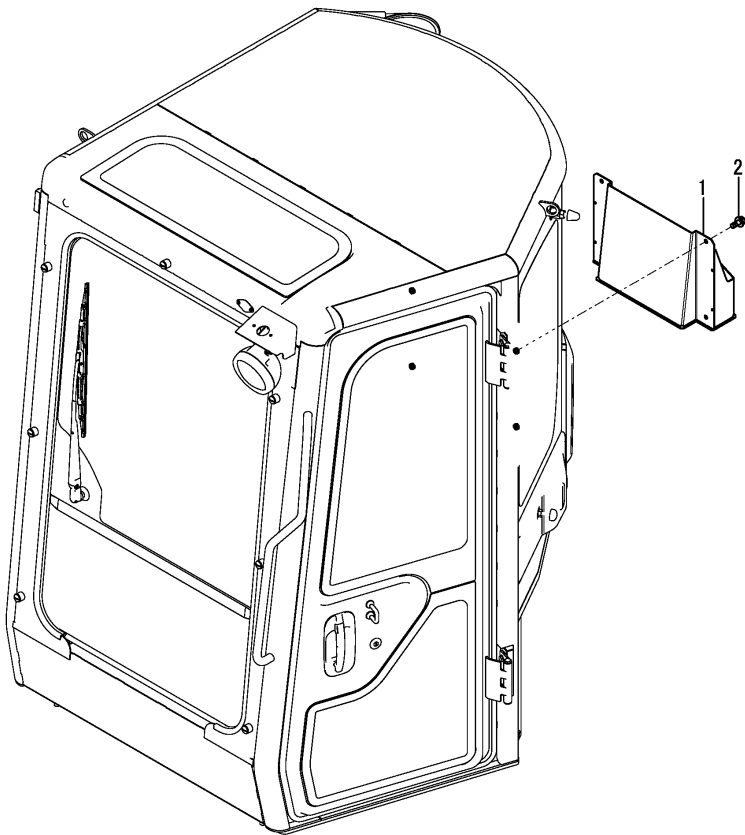


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

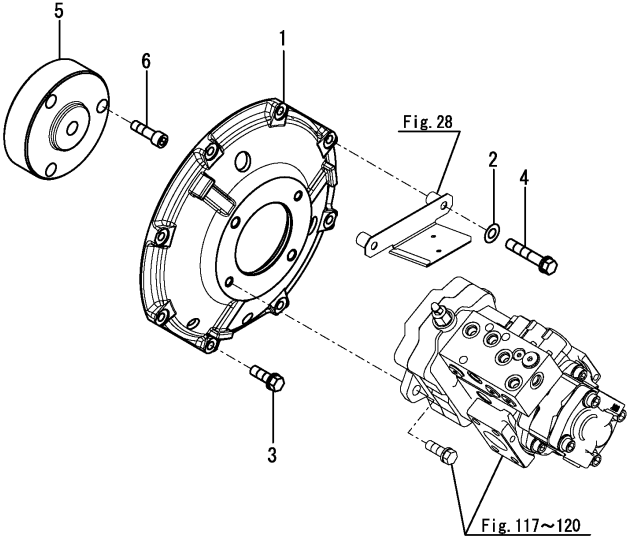
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE		2						
2	1	172A47-68860	WASHER		3						
3	1	172A47-68870	GROMMET		5						
4	1	172A47-68880	COLLAR		5						
5	1	172A47-68890	WASHER		5						
6	1	172B02-68900	PAD, CAB SIDE		1						
7	1	172B02-68910	PAD, CAB FRONT		1						
8	1	172B02-68920	PAD, CAB REAR		1						
9	1	172B02-68930	SEAL, 10X20X880		1						
10	1	172B02-68940	WASHER, 39X52X3.2		2						
11	1	183341-91800	CLIP, TREE 5		1						
12	1	22137-160000	WASHER, 16		1						
13	1	22157-100000	WASHER, 10		2						
14	1	22217-160000	WASHER, SPRING 16		5						
15	1	26013-100162	BOLT, M10X 16		2						
16	1	26076-160552	BOLT, 10.916X 55		2						
17	1	26076-160702	BOLT, 10.916X 70		3						
18	1	26116-160302	BOLT, M16X 30 PLATED		1						

Fig.115. BOX(CABIN HEATER SPEC.)

[illegible]

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

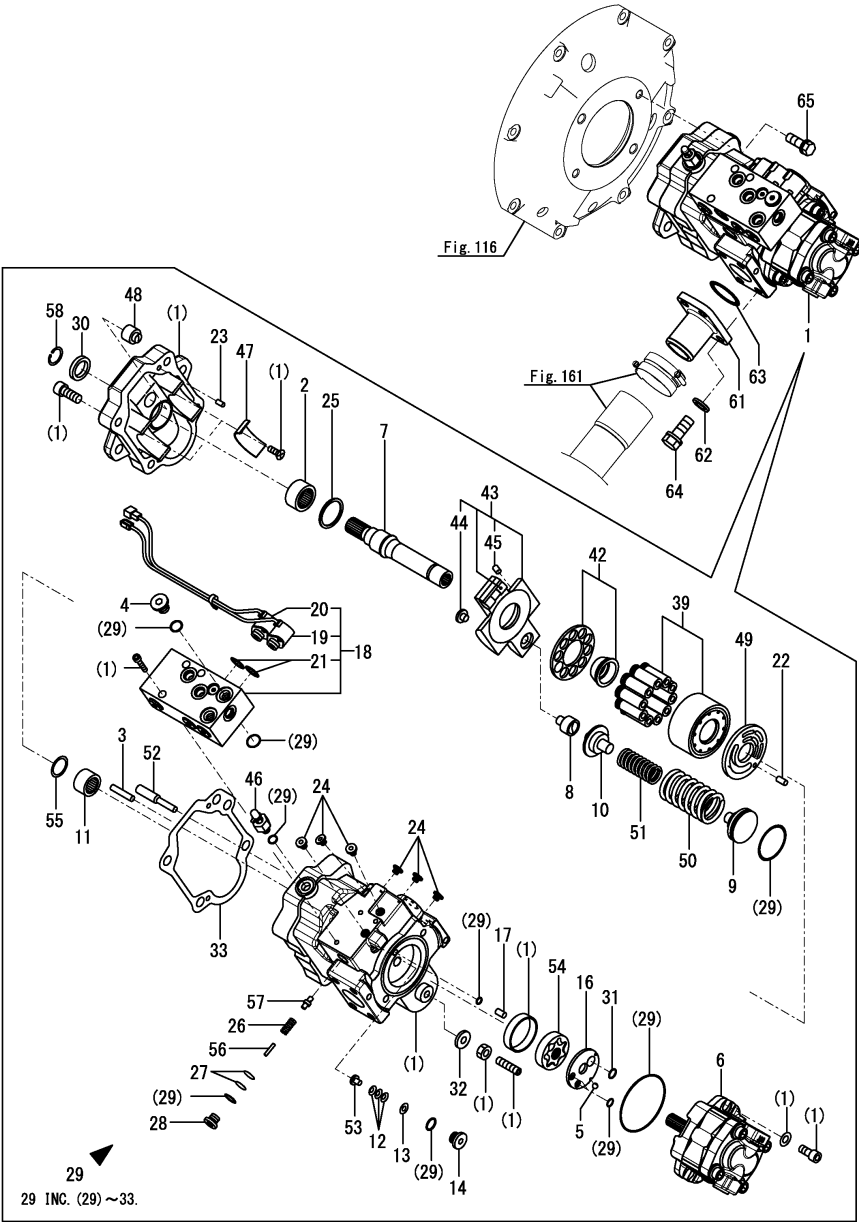


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71100	COVER, FLYWHEEL	1	1						
2	1	22137-100000	WASHER, 10	2	2						
3	1	26013-100302	BOLT, M10X 30	6	6						
4	1	26013-100502	BOLT, M10X 50	2	2						
5	1	172165-71200	COUPLING	1	1						
6	1	26450-120402	BOLT, M12X 40	3	3						

Fig.117. HYDRAULIC PUMP

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

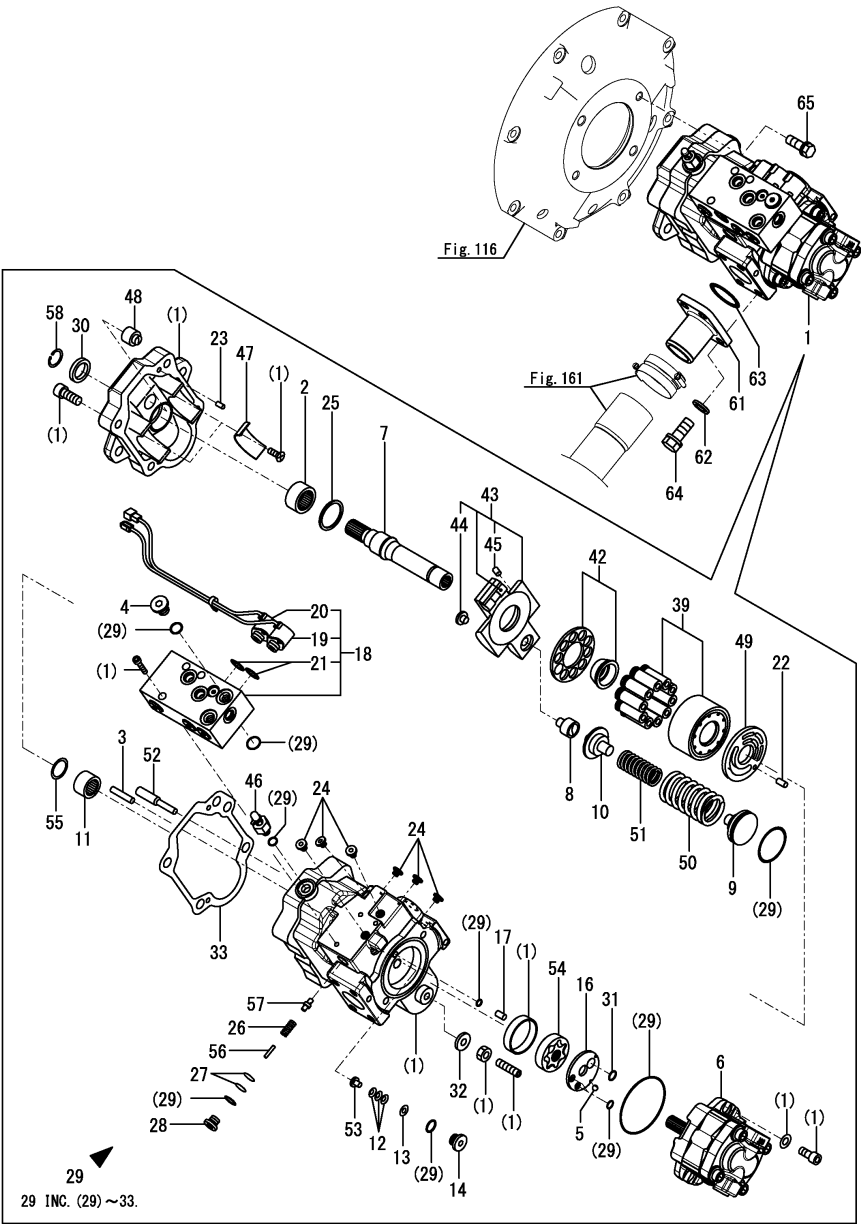
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-73100	PUMP ASSY,2SOL	1	1						
2	2	172B06-70120	BEARING, NEEDLE	1	1						
3	2	172B06-70191	PIN	1	1						
4	2	172148-70301	PLUG	2	2						
5	2	172122-70350	BALL, STEEL	1	1						
6	2	172461-73132	PUMP ASSY, GEAR	1	1						
7	2	172176-73240	SHAFT	1	1						
8	2	172460-73240	HOLDER	1	1						
9	2	172461-73270	SEAT, SPRING	1	1						
10	2	172176-73290	SEAT, SPRING	1	1						
11	2	172460-73330	BEARING, NEEDLE	1	1						
12	2	172460-73350	SPRING, DISK	3	3						
13	2	172460-73360	WASHER	1	1						
14	2	172460-73370	PLUG	1	1						
16	2	172460-73390	PLATE	1	1						
17	2	172460-73420	PIN	1	1						
18	2	172460-73431	VALVE, S/A	1	1						
19	3	172460-73900	VALVE, SOLENOID	1	1						1
20	3	172460-73910	VALVE, SOLENOID	1	1						2
21	3	24352-190110	O-RING, 219011	2	2						
22	2	172122-73480	PIN	1	1						
23	2	172122-73480	PIN	2	2						
24	2	172452-73480	PLUG	6	6						
25	2	172176-73540	THRUST WASHER	1	1						
26	2	172176-73560	SPRING	1	1						
27	2	172176-73590	SHIM	2	2						
28	2	172176-73600	PLUG	1	1						
29	2	172B04-73610	SEAL KIT,STD	1	1						
30	3	172176-73271	SEAL, OIL	1	1						
31	3	172176-73471	O-RING	1	1						
32	3	172457-73570	SEAL WASHER	1	1						
33	3	172B04-73710	GASKET	1	1						
39	2	172B04-73630	REPAIR KIT,CYL BLOCK	1	1						
42	2	172B04-73640	RETAINER KIT	1	1						
43	2	172B04-73650	REPAIR KIT,SW PLATE	1	1						
44	3	172452-73480	PLUG	2	2						
45	3	172312-74790	ORIFICE	2	2						
46	2	172176-73690	BREEDER, AIR	1	1						
47	2	172B04-73720	BUSH	2	2						
48	2	172B04-73730	STOPPER,MIN	1	1						
49	2	172B04-73750	PLATE,VALVE	1	1						
50	2	172B04-73760	SPRING,OUT	1	1						
51	2	172B04-73770	SPRING,IN	1	1						
52	2	172B04-73780	PIN	1	1						
53	2	172B04-73810	STOPPER,MAX	1	1						
54	2	172176-73880	PUMP ASSY, TROCHOID	1	1						
55	2	172176-73910	WASHER, THRUST	1	1						
56	2	172176-73930	PIN	1	1						
57	2	172176-73940	POPPET	1	1						
58	2	22252-000420	RING, 42	1	1						
61	1	172165-76860	FLANGE	1	1						

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

Fig.117. HYDRAULIC PUMP



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

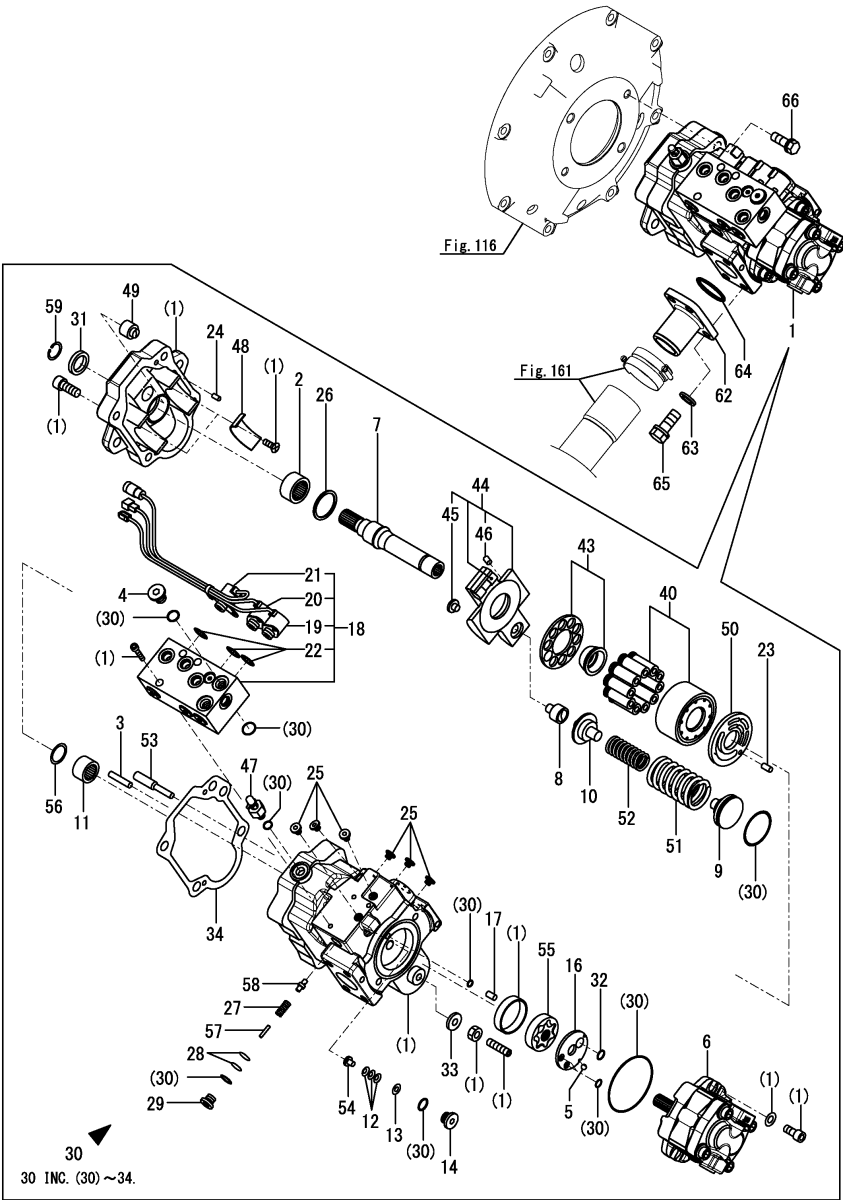
OCK50-M01380 Fig.117

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	1	22117-120000	WASHER, 12	4	4						
63	1	24321-000450	O-RING, 1AG45.0	1	1						
64	1	26013-120302	BOLT, M12X 30	4	4						
65	1	26013-120352	BOLT, M12X 35	2	2						

Fig.118. HYDRAULIC PUMP(QUICK COUPLER SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

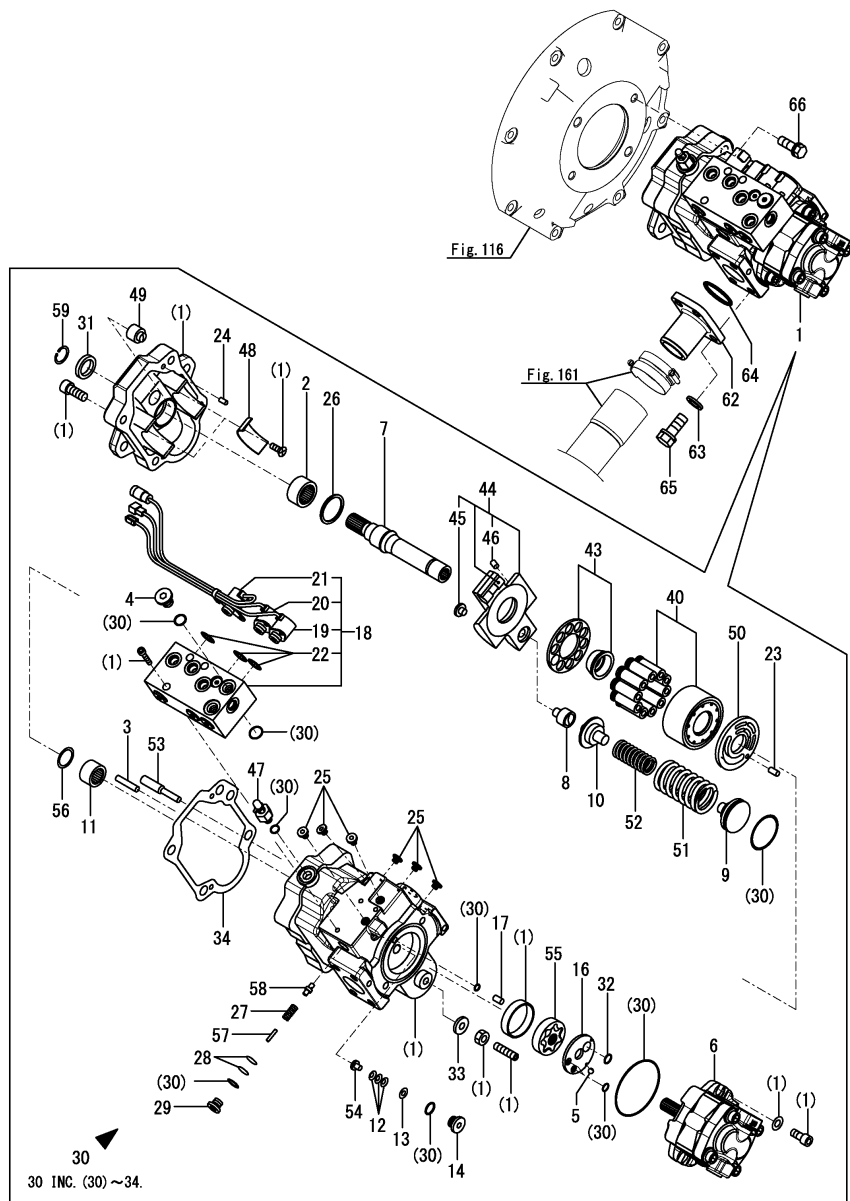
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-73110	PUMP ASSY,3SOL	1	1						
2	2	172B06-70120	BEARING, NEEDLE	1	1						
3	2	172B06-70191	PIN	1	1						
4	2	172148-70301	PLUG	2	2						
5	2	172122-70350	BALL, STEEL	1	1						
6	2	172461-73132	PUMP ASSY, GEAR	1	1						
7	2	172176-73240	SHAFT	1	1						
8	2	172460-73240	HOLDER	1	1						
9	2	172461-73270	SEAT, SPRING	1	1						
10	2	172176-73290	SEAT, SPRING	1	1						
11	2	172460-73330	BEARING, NEEDLE	1	1						
12	2	172460-73350	SPRING, DISK	3	3						
13	2	172460-73360	WASHER	1	1						
14	2	172460-73370	PLUG	1	1						
16	2	172460-73390	PLATE	1	1						
17	2	172460-73420	PIN	1	1						
18	2	172960-73431	VALVE, S/A	1	1						
19	3	172460-73900	VALVE, SOLENOID	1	1						1
20	3	172460-73910	VALVE, SOLENOID	1	1						2
21	3	172460-73920	VALVE, SOLENOID	1	1						3
22	3	24352-190110	O-RING, 219011	3	3						
23	2	172122-73480	PIN	1	1						
24	2	172122-73480	PIN	2	2						
25	2	172452-73480	PLUG	6	6						
26	2	172176-73540	THRUST WASHER	1	1						
27	2	172176-73560	SPRING	1	1						
28	2	172176-73590	SHIM	2	2						
29	2	172176-73600	PLUG	1	1						
30	2	172B04-73610	SEAL KIT,STD	1	1						
31	3	172176-73271	SEAL, OIL	1	1						
32	3	172176-73471	O-RING	1	1						
33	3	172457-73570	SEAL WASHER	1	1						
34	3	172B04-73710	GASKET	1	1						
40	2	172B04-73630	REPAIR KIT,CYL BLOCK	1	1						
43	2	172B04-73640	RETAINER KIT	1	1						
44	2	172B04-73650	REPAIR KIT,SW PLATE	1	1						
45	3	172452-73480	PLUG	2	2						
46	3	172312-74790	ORIFICE	2	2						
47	2	172176-73690	BREEDER, AIR	1	1						
48	2	172B04-73720	BUSH	2	2						
49	2	172B04-73730	STOPPER,MIN	1	1						
50	2	172B04-73750	PLATE,VALVE	1	1						
51	2	172B04-73760	SPRING,OUT	1	1						
52	2	172B04-73770	SPRING,IN	1	1						
53	2	172B04-73780	PIN	1	1						
54	2	172B04-73810	STOPPER,MAX	1	1						
55	2	172176-73880	PUMP ASSY, TROCHOID	1	1						
56	2	172176-73910	WASHER, THRUST	1	1						
57	2	172176-73930	PIN	1	1						
58	2	172176-73940	POPPET	1	1						
59	2	22252-000420	RING, 42	1	1						

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

Fig.118. HYDRAULIC PUMP(QUICK COUPLER SPEC.)



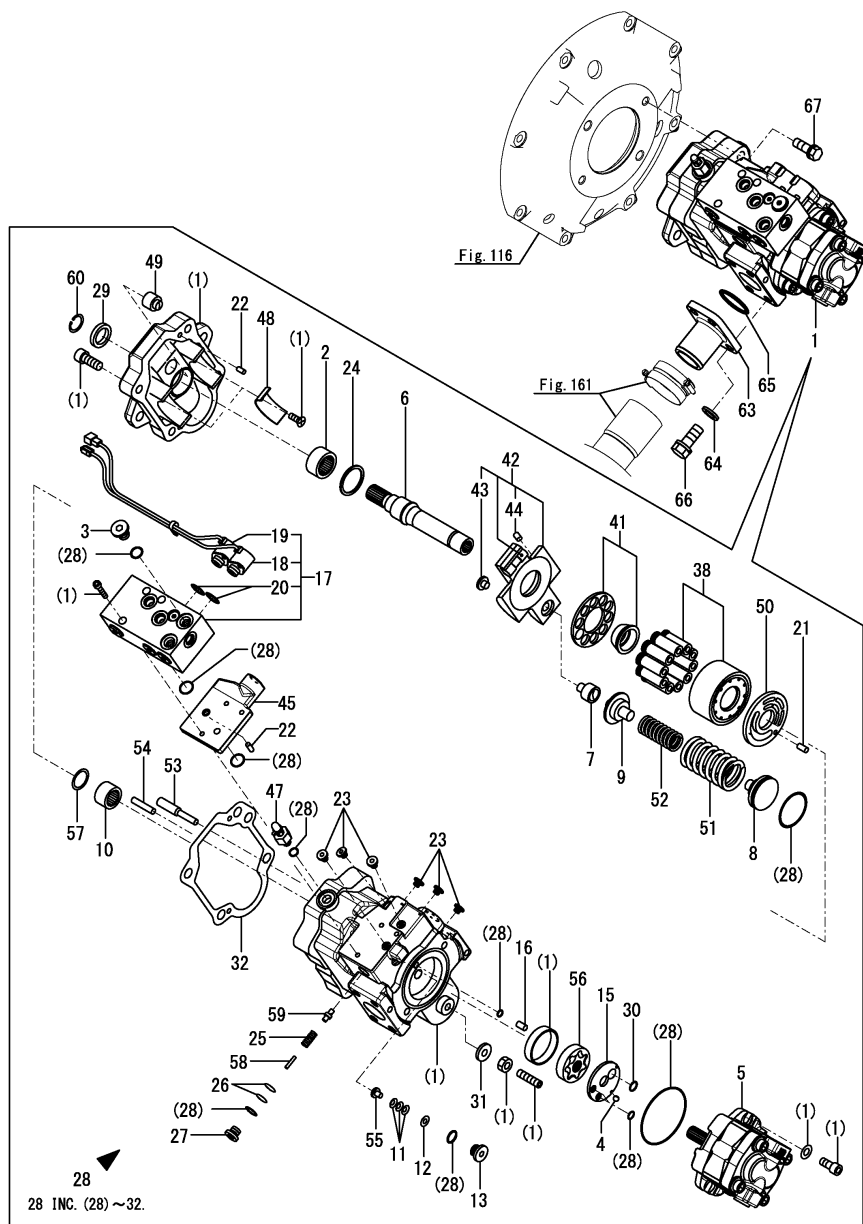
- (1) For safety lock.
- (2) For second gear traveling.
- (3) For quick coupler.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
62	1	172165-76860	FLANGE	1	1						
63	1	22117-120000	WASHER, 12	4	4						
64	1	24321-000450	O-RING, 1AG45.0	1	1						
65	1	26013-120302	BOLT, M12X 30	4	4						
66	1	26013-120352	BOLT, M12X 35	2	2						

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

Fig.119. HYDRAULIC PUMP(E.S.S. SPEC.)



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

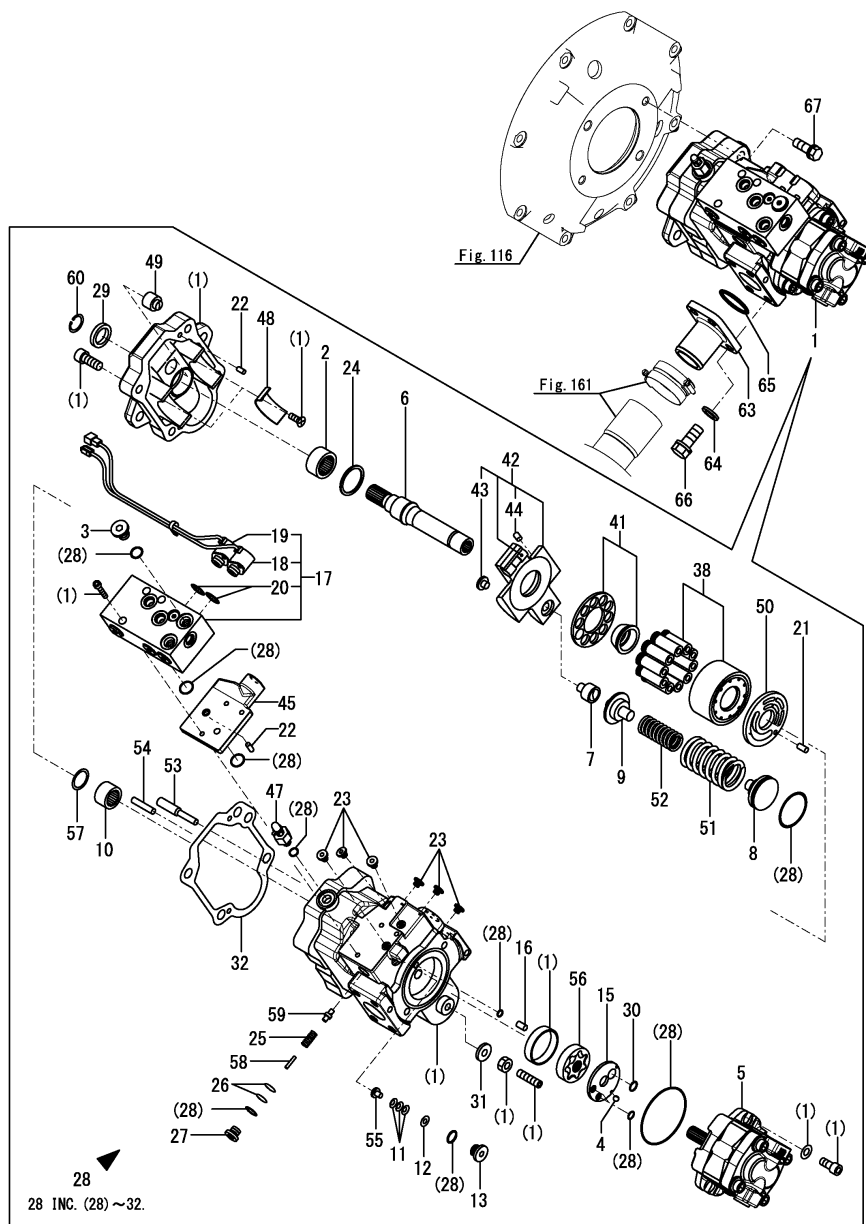
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-73120	PUMP ASSY,2SOL AC		1						
2	2	172B06-70120	BEARING, NEEDLE		1						
3	2	172148-70301	PLUG		2						
4	2	172122-70350	BALL, STEEL		1						
5	2	172461-73132	PUMP ASSY, GEAR		1						
6	2	172176-73240	SHAFT		1						
7	2	172460-73240	HOLDER		1						
8	2	172461-73270	SEAT, SPRING		1						
9	2	172176-73290	SEAT, SPRING		1						
10	2	172460-73330	BEARING, NEEDLE		1						
11	2	172460-73350	SPRING, DISK		3						
12	2	172460-73360	WASHER		1						
13	2	172460-73370	PLUG		1						
15	2	172460-73390	PLATE		1						
16	2	172460-73420	PIN		1						
17	2	172460-73431	VALVE, S/A		1						
18	3	172460-73900	VALVE, SOLENOID		1						1
19	3	172460-73910	VALVE, SOLENOID		1						2
20	3	24352-190110	O-RING, 219011		2						
21	2	172122-73480	PIN		1						
22	2	172122-73480	PIN		4						
23	2	172452-73480	PLUG		6						
24	2	172176-73540	THRUST WASHER		1						
25	2	172176-73560	SPRING		1						
26	2	172176-73590	SHIM		2						
27	2	172176-73600	PLUG		1						
28	2	172B04-73620	SEAL KIT,AC		1						
29	3	172176-73271	SEAL, OIL		1						
30	3	172176-73471	O-RING		1						
31	3	172457-73570	SEAL WASHER		1						
32	3	172B04-73710	GASKET		1						
38	2	172B04-73630	REPAIR KIT,CYL BLOCK		1						
41	2	172B04-73640	RETAINER KIT		1						
42	2	172B04-73650	REPAIR KIT,SW PLATE		1						
43	3	172452-73480	PLUG		2						
44	3	172312-74790	ORIFICE		2						
45	2	172B04-73660	REPAIR KIT,SUB-BODY		1						
47	2	172176-73690	BREEDER, AIR		1						
48	2	172B04-73720	BUSH		2						
49	2	172B04-73740	STOPPER,MIN AC		1						
50	2	172B04-73750	PLATE,VALVE		1						
51	2	172B04-73760	SPRING,OUT		1						
52	2	172B04-73770	SPRING,IN		1						
53	2	172B04-73780	PIN		1						
54	2	172B04-73800	PIN,P3 AC		1						
55	2	172B04-73810	STOPPER,MAX		1						
56	2	172176-73880	PUMP ASSY, TROCHOID		1						
57	2	172176-73910	WASHER, THRUST		1						
58	2	172176-73930	PIN		1						
59	2	172176-73940	POPPET		1						
60	2	22252-000420	RING, 42		1						

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.119. HYDRAULIC PUMP(E.S.S. SPEC.)



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

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

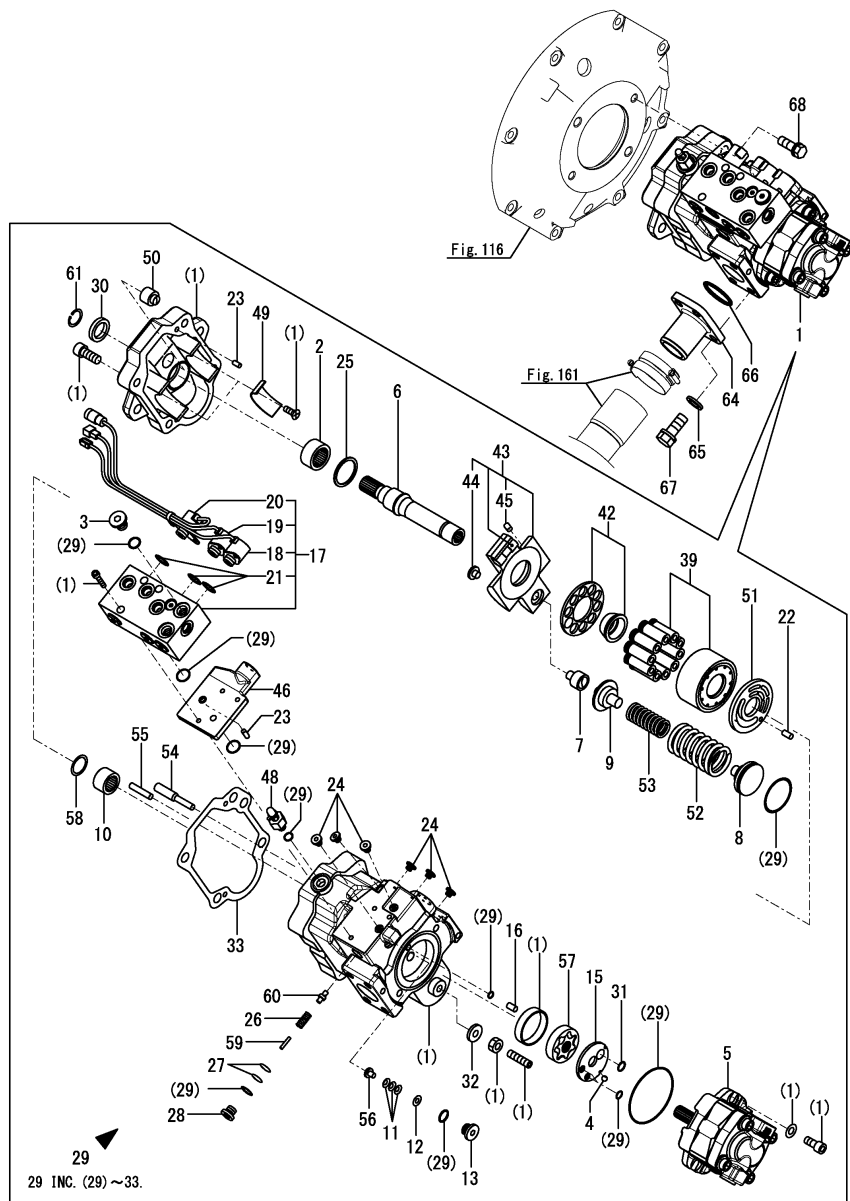
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
63	1	172165-76860	FLANGE		1						
64	1	22117-120000	WASHER, 12		4						
65	1	24321-000450	O-RING, 1AG45.0		1						
66	1	26013-120302	BOLT, M12X 30		4						
67	1	26013-120352	BOLT, M12X 35		2						

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

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Fig.120. HYDRAULIC PUMP(E.S.S. & QUICK COUPLER SPEC.)

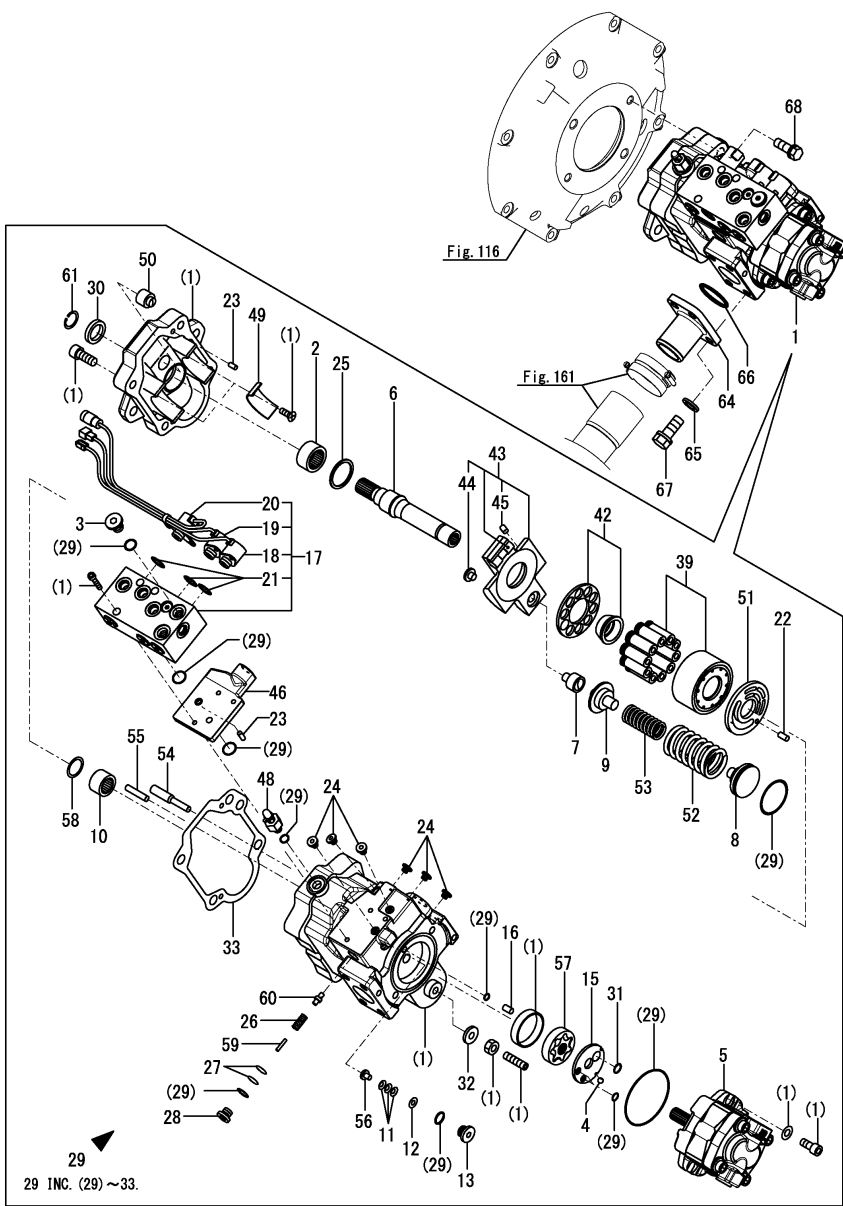


- (1) For safety lock.
- (2) For second gear traveling.
- (3) For quick coupler.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-73130	PUMP ASSY,3SOL AC		1						
2	2	172B06-70120	BEARING, NEEDLE		1						
3	2	172148-70301	PLUG		2						
4	2	172122-70350	BALL, STEEL		1						
5	2	172461-73132	PUMP ASSY, GEAR		1						
6	2	172176-73240	SHAFT		1						
7	2	172460-73240	HOLDER		1						
8	2	172461-73270	SEAT, SPRING		1						
9	2	172176-73290	SEAT, SPRING		1						
10	2	172460-73330	BEARING, NEEDLE		1						
11	2	172460-73350	SPRING, DISK		3						
12	2	172460-73360	WASHER		1						
13	2	172460-73370	PLUG		1						
15	2	172460-73390	PLATE		1						
16	2	172460-73420	PIN		1						
17	2	172960-73431	VALVE, S/A		1						
18	3	172460-73900	VALVE, SOLENOID		1						1
19	3	172460-73910	VALVE, SOLENOID		1						2
20	3	172460-73920	VALVE, SOLENOID		1						3
21	3	24352-190110	O-RING, 219011		3						
22	2	172122-73480	PIN		1						
23	2	172122-73480	PIN		4						
24	2	172452-73480	PLUG		6						
25	2	172176-73540	THRUST WASHER		1						
26	2	172176-73560	SPRING		1						
27	2	172176-73590	SHIM		2						
28	2	172176-73600	PLUG		1						
29	2	172B04-73620	SEAL KIT,AC		1						
30	3	172176-73271	SEAL, OIL		1						
31	3	172176-73471	O-RING		1						
32	3	172457-73570	SEAL WASHER		1						
33	3	172B04-73710	GASKET		1						
39	2	172B04-73630	REPAIR KIT,CYL BLOCK		1						
42	2	172B04-73640	RETAINER KIT		1						
43	2	172B04-73650	REPAIR KIT,SW PLATE		1						
44	3	172452-73480	PLUG		2						
45	3	172312-74790	ORIFICE		2						
46	2	172B04-73660	REPAIR KIT,SUB-BODY		1						
48	2	172176-73690	BREEDER, AIR		1						
49	2	172B04-73720	BUSH		2						
50	2	172B04-73740	STOPPER,MIN AC		1						
51	2	172B04-73750	PLATE,VALVE		1						
52	2	172B04-73760	SPRING,OUT		1						

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.120. HYDRAULIC PUMP(E.S.S. & QUICK COUPLER SPEC.)



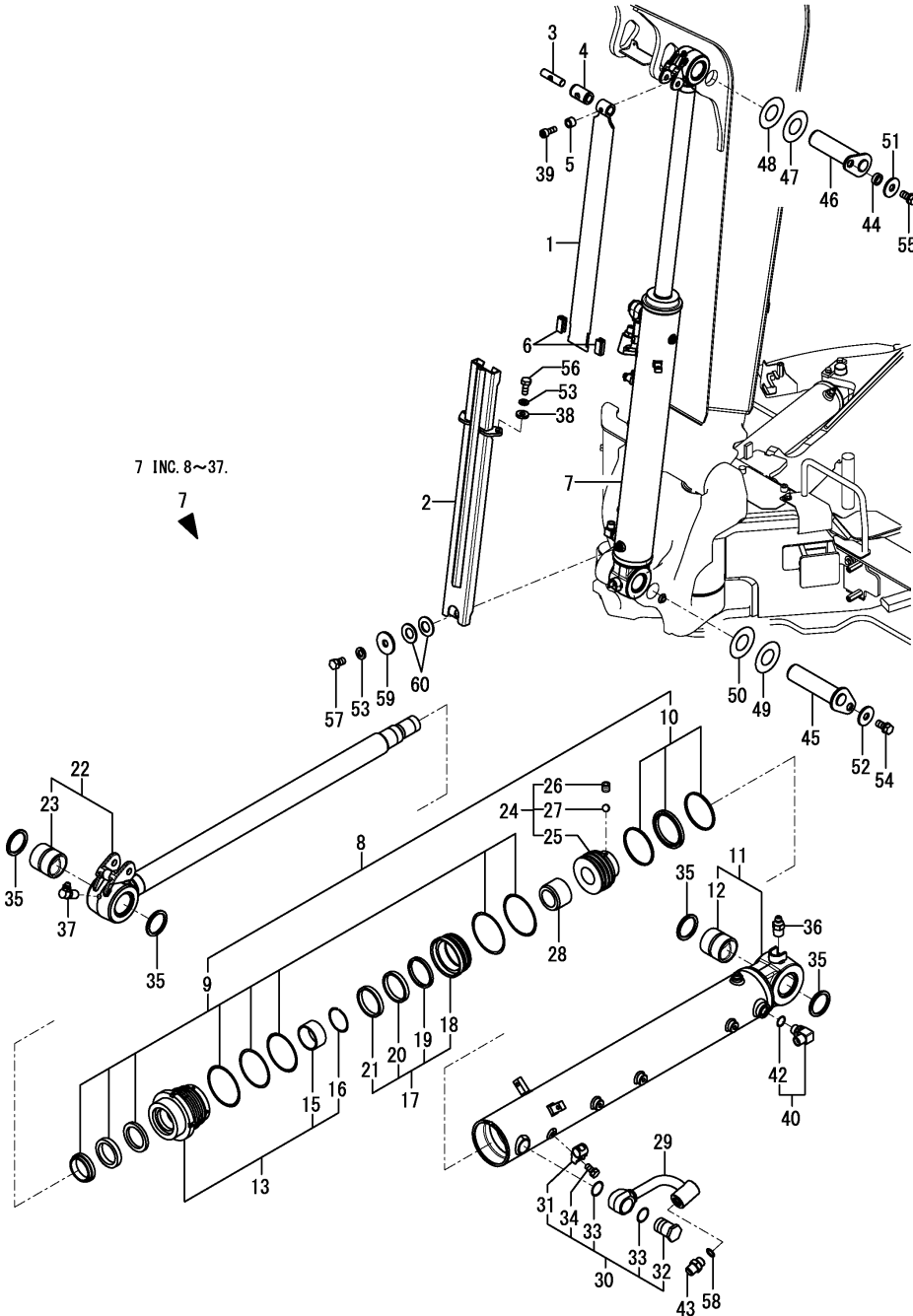
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	2	22252-000420	RING, 42		1						
64	1	172165-76860	FLANGE		1						
65	1	22117-120000	WASHER, 12		4						
66	1	24321-000450	O-RING, 1AG45.0		1						
67	1	26013-120302	BOLT, M12X 30		4						
68	1	26013-120352	BOLT, M12X 35		2						

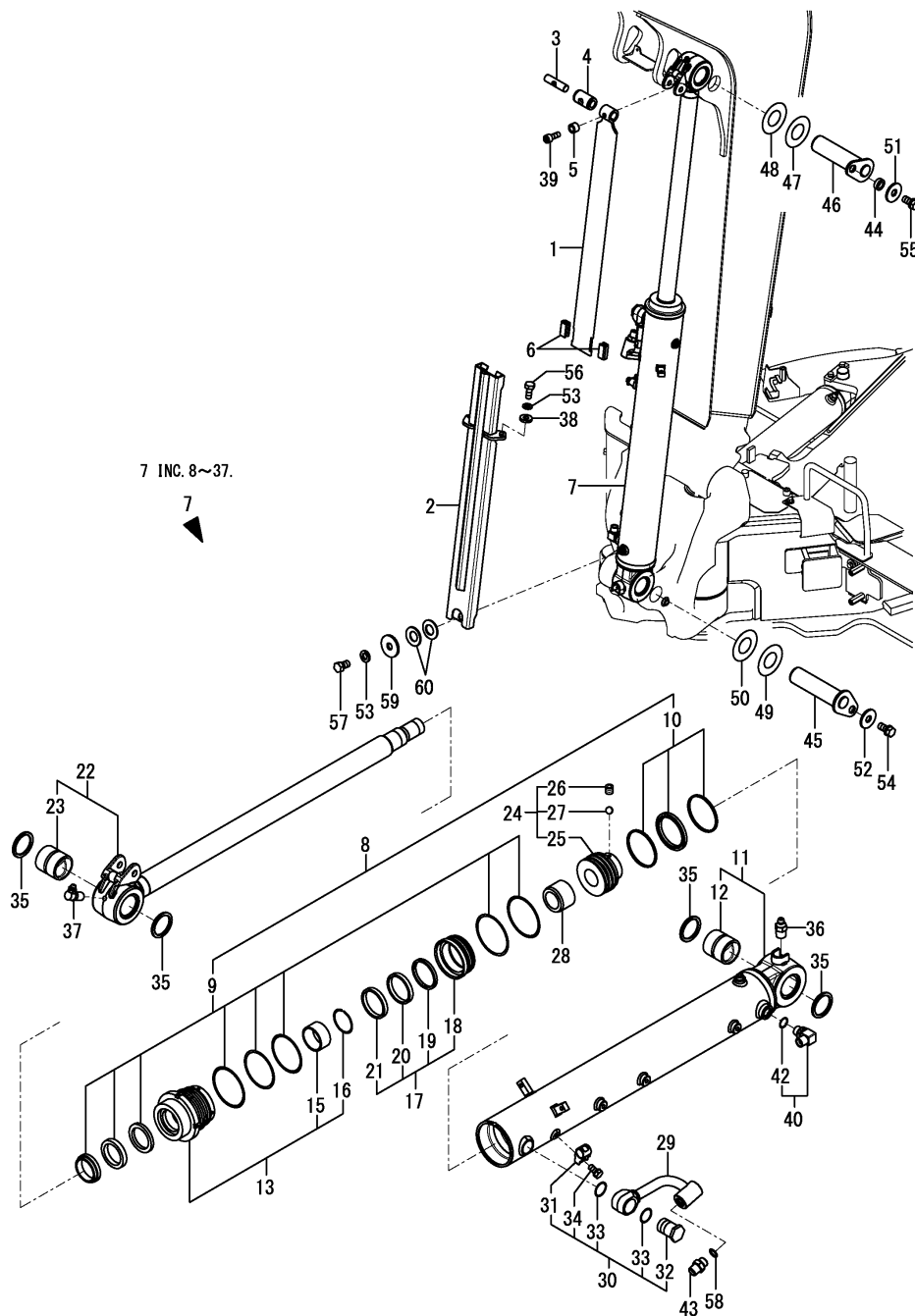
Remarks
(1)For safety lock.
(2)For second gear traveling.
(3)For quick coupler.

Fig.121. BOOM CYLINDER



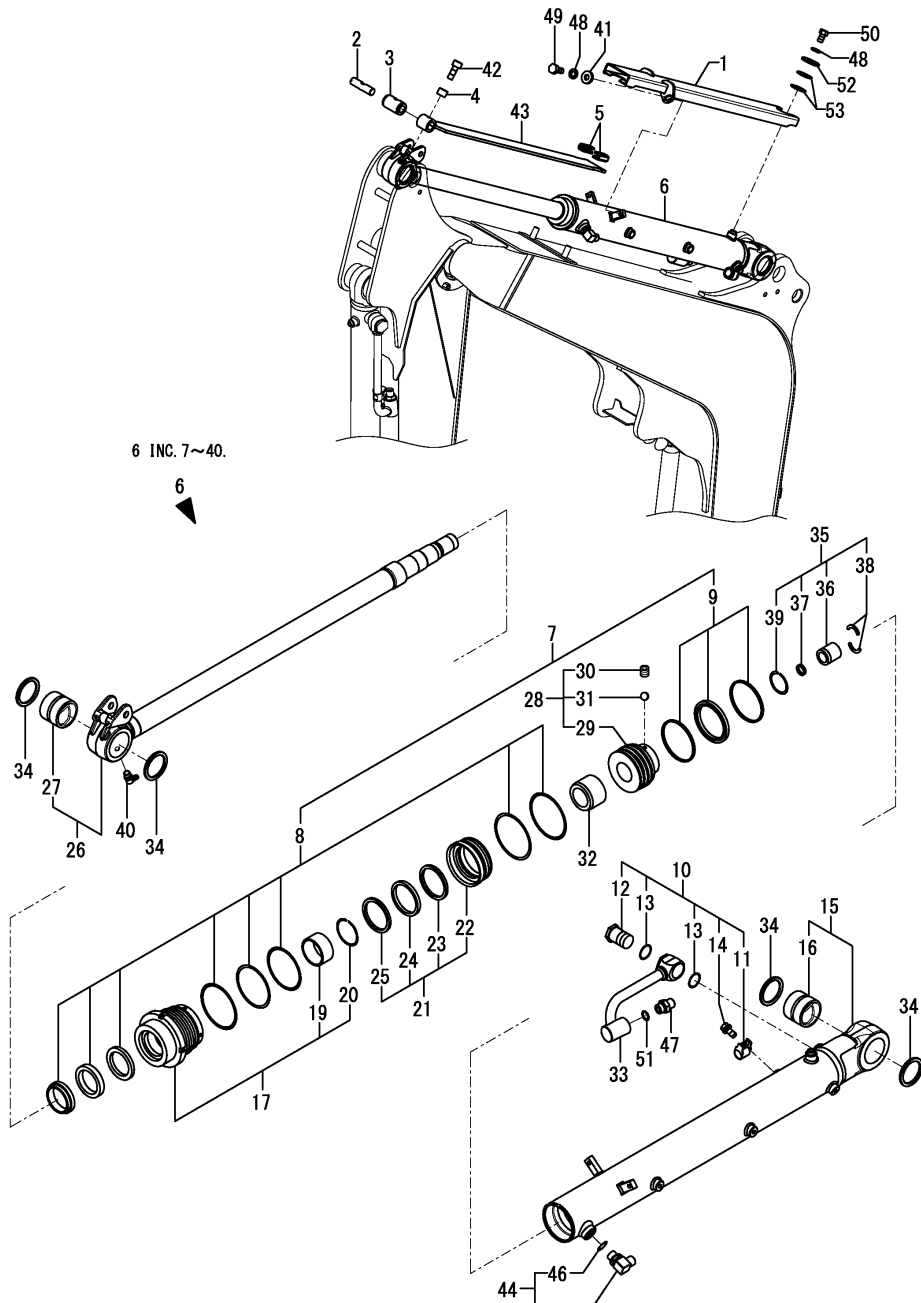
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71890	PLATE,SLIDE 810	1	1						
2	1	172B04-71900	GUIDE ASSY, 860	1	1						
3	1	172A23-72043	SHAFT	1	1						
4	1	172A23-72052	GROMMET	1	1						
5	1	172A46-72070	SPACER	1	1						
6	1	172A23-72081	GUIDE, SLIDE	2	2						
7	1	172B04-72100	CYLINDER ASSY, BOOM	1	1						
8	2	172B04-72010	SEAL KIT, CYL.95X50	1	1						
9	3	172B04-72280	SEAL SET, HEAD 95X50	1	1						
10	3	172B04-72290	SEAL SET,PISTON 95	1	1						
11	2	172B04-72110	TUBE ASSY, BOOM	1	1						
12	3	172B04-72120	BUSH, 50X60X75	1	1						
13	2	172B04-72130	HEAD ASSY, 95 50	1	1						
15	3	172A79-72970	BUSH,HEAD	1	1						
16	3	172A79-72980	RING, SNAP	1	1						
17	2	172B04-72150	HOLDER ASSY	1	1						
18	3	172B04-72160	HOLDER	1	1						
19	3	172B04-72170	SPACER	1	1						
20	3	172B04-72180	SEAL,CUSHION	1	1						
21	3	172B04-72190	COLLAR	1	1						
22	2	172B04-72200	ROD ASSY, BOOM	1	1						
23	3	172B04-72120	BUSH, 50X60X75	1	1						
24	2	172B04-72211	PISTON ASSY	1	1						
25	3	172B04-72221	PISTON	1	1						
26	3	172A79-72870	SCREW,M8	1	1						
27	3	24190-070002	BALL, STEEL 7/32	1	1						
28	2	172B04-72230	CUSHION,BEARING	1	1						
29	2	172B04-72240	PIPE ASSY, BOOM	1	1						
30	2	172B04-72250	PLUG ASSY	1	1						
31	3	172B04-72260	HOLDER,TUBE	1	1						
32	3	172B04-72470	PLUG	1	1						
33	3	24315-000260	O-RING, 1BP26.0	2	2						
34	3	26013-080162	BOLT, M8X 16	1	1						
35	2	172B05-72520	SEAL,DUST 50	4	4						
36	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
37	2	24761-050000	NIPPLE, GREASE C	1	1						
38	1	172A79-72570	WASHER	2	2						
39	1	172A47-72840	BOLT	1	1						
40	1	172141-76900	CONNECTOR ASSY	1	1						
42	2	24315-000180	O-RING, 1BP18.0	1	1						
43	1	172112-77361	CONNECTOR	1	1						
44	1	172164-81670	SPACER	1	1						
45	1	172B04-81820	PIN ASSY, 50X194	1	1						
46	1	172B04-81820	PIN ASSY, 50X194	1	1						
47	1	172165-82520	SHIM	1	1						
48	1	172165-82530	SHIM	1	1						
49	1	172162-83540	SHIM	1	1						
50	1	172162-83550	SHIM	1	1						
51	1	22157-120000	WASHER, 12	1	1						
52	1	22157-120000	WASHER, 12	1	1						
53	1	22217-100000	WASHER, SPRING 10	3	3						

Fig.121. BOOM CYLINDER



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
54	1	26013-120252	BOLT, M12X 25	1	1					
55	1	26013-120252	BOLT, M12X 25	1	1					
56	1	26076-100252	BOLT, 10.910X 25	2	2					
57	1	26116-100162	BOLT, M10X 16 PLATED	1	1					
58	1	41851-000180	O-RING	1	1					
59	1	933147-03400	WASHER, BRAKE ARM	1	1					
60	1	933168-14170	SPRING	2	2					

Fig.122. ARM CYLINDER

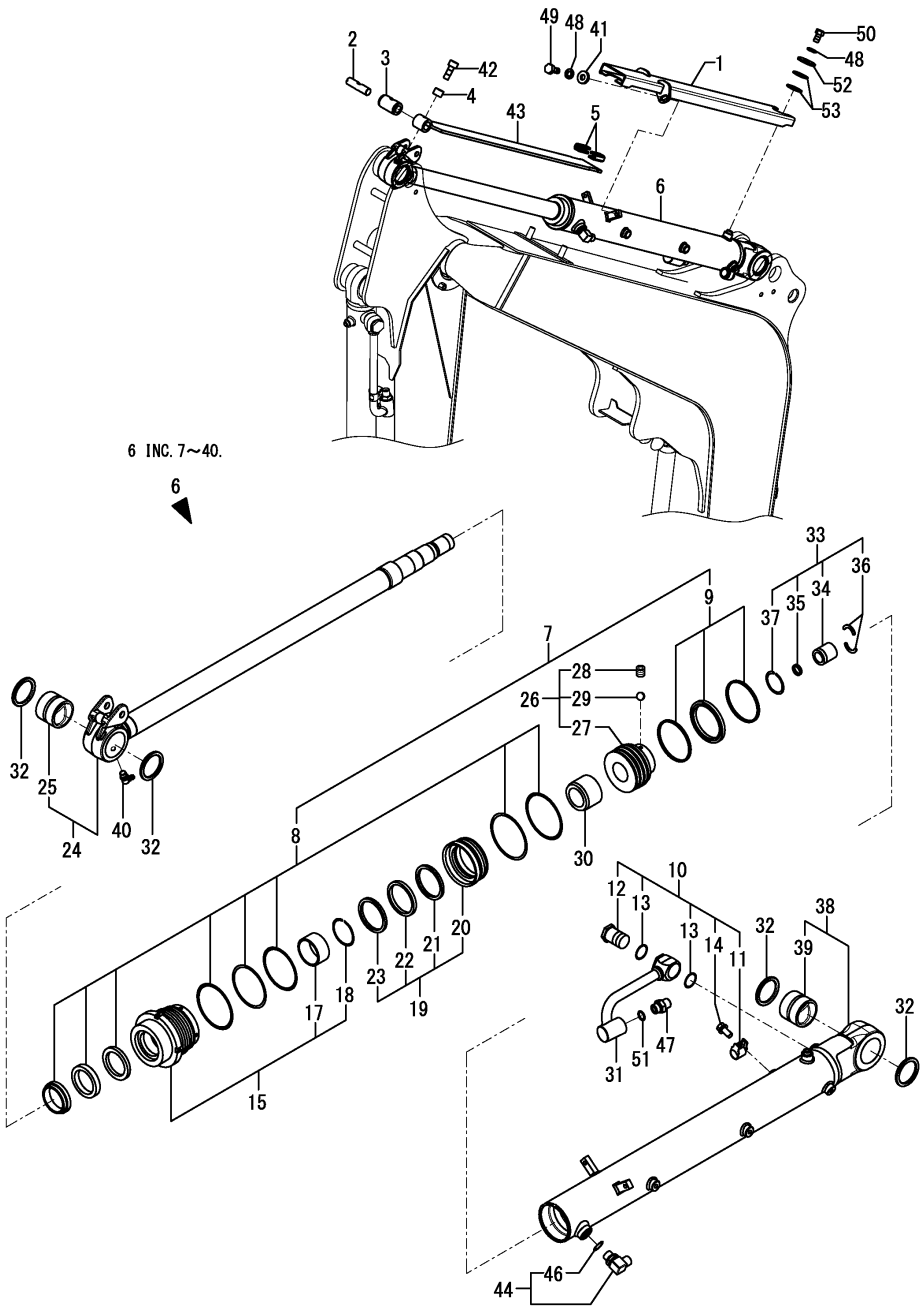


(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71950	GUIDE ASSY, 860 A	1	1						
2	1	172A23-72043	SHAFT	1	1						
3	1	172A23-72052	GROMMET	1	1						
4	1	172A46-72070	SPACER	1	1						
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172B04-72300	CYLINDER ASSY, ARM	1	1						
7	2	172B04-72030	SEAL KIT, CYL.80X50	1	1						
8	3	172B04-72480	SEAL SET, HEAD 80X50	1	1						
9	3	172B04-72490	SEAL SET,PISTON 80	1	1						
10	2	172B04-72250	PLUG ASSY	1	1						
11	3	172B04-72260	HOLDER,TUBE	1	1						
12	3	172B04-72470	PLUG	1	1						
13	3	24315-000260	O-RING, 1BP26.0	2	2						
14	3	26013-080162	BOLT, M8X 16	1	1						
15	2	172B04-72310	TUBE ASSY, ARM	1	1						
16	3	172A79-72920	BUSH,PIN 50	1	1						
17	2	172B04-72330	HEAD ASSY, 80 50	1	1						
19	3	172A79-72970	BUSH,HEAD	1	1						
20	3	172A79-72980	RING, SNAP	1	1						
21	2	172B04-72350	HOLDER ASSY	1	1						
22	3	172B04-72360	HOLDER	1	1						
23	3	172B04-72370	SPACER	1	1						
24	3	172B04-72380	SEAL,CUSHION	1	1						
25	3	172B04-72390	COLLAR	1	1						
26	2	172B04-72400	ROD ASSY, ARM	1	1						
27	3	172A79-72920	BUSH,PIN 50	1	1						
28	2	172B04-72410	PISTON ASSY	1	1						
29	3	172B04-72420	PISTON	1	1						
30	3	172A79-72870	SCREW,M8	1	1						
31	3	24190-070002	BALL, STEEL 7/32	1	1						
32	2	172B04-72430	CUSHION,BEARING	1	1						
33	2	172B04-72440	PIPE ASSY, ARM	1	1						
34	2	172B05-72520	SEAL,DUST 50	4	4						
35	2	172A79-72700	CUSHION ASSY,ARM	1	1						
36	3	172A79-72710	PLUNGER,CUSHION	1	1						
37	3	172A79-72720	SEAL,CUSHION	1	1						
38	3	172A79-72730	STOPPER,CUSHION	2	2						
39	3	172A79-72740	RING, SNAP	1	1						
40	2	24761-050000	NIPPLE, GREASE C	1	1						
41	1	172A79-72570	WASHER	2	2						
42	1	172A47-72840	BOLT	1	1						
43	1	172A27-72951-N	PLATE, SLIDE	1	1						
44	1	172141-76900	CONNECTOR ASSY	1	1						
46	2	24315-000180	O-RING, 1BP18.0	1	1						
47	1	172112-77361	CONNECTOR	1	1						
48	1	22217-100000	WASHER, SPRING 10	3	3						
49	1	26076-100252	BOLT, 10.910X 25	2	2						
50	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
51	1	41851-000180	O-RING	1	1						
52	1	933147-03400	WASHER, BRAKE ARM	1	1						
53	1	933168-14170	SPRING	2	2						

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.123. ARM CYLINDER(QUICK COUPLER SPEC.)

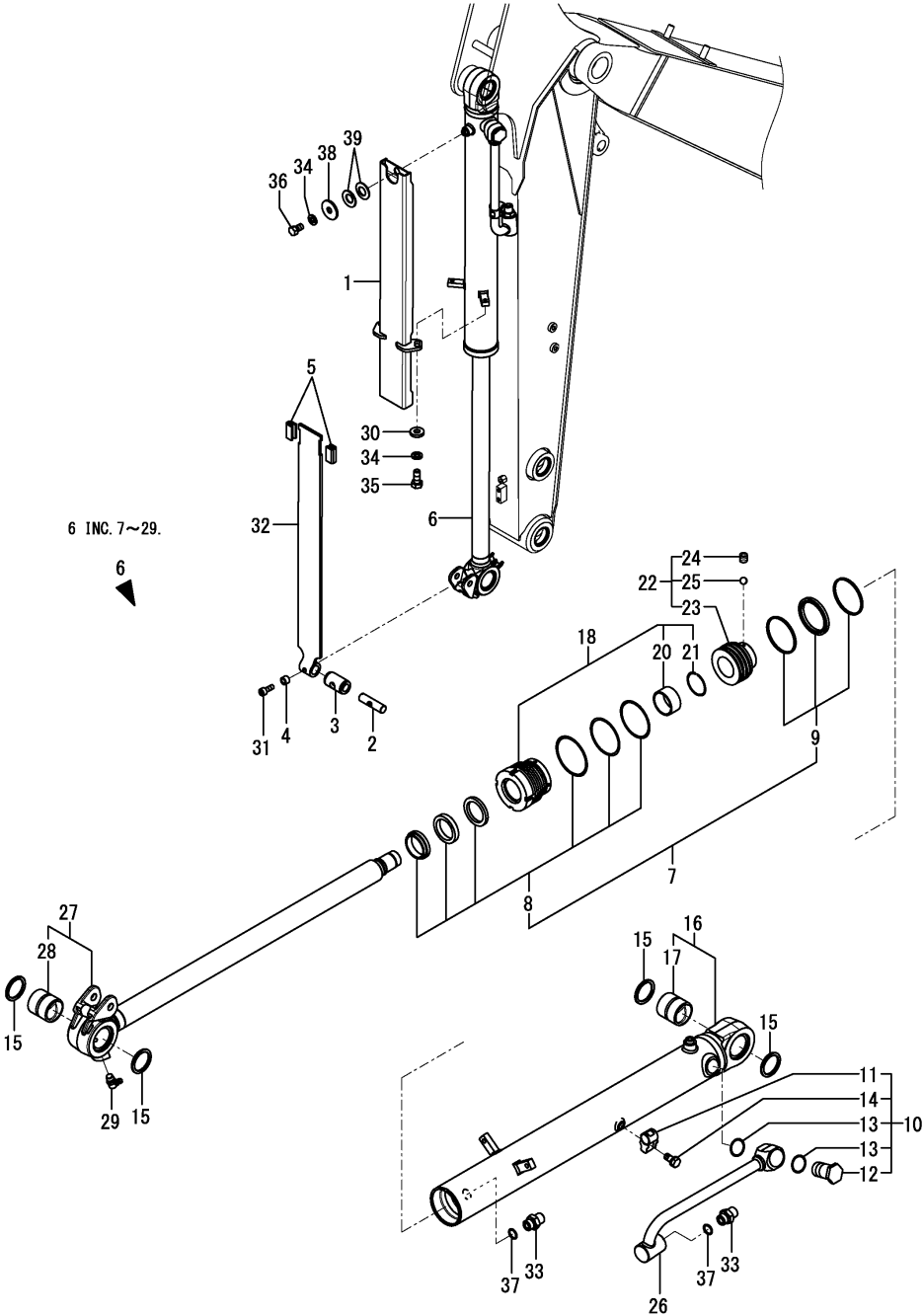


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71950	GUIDE ASSY, 860 A	1	1						
2	1	172A23-72043	SHAFT	1	1						
3	1	172A23-72052	GROMMET	1	1						
4	1	172A46-72070	SPACER	1	1						
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172B04-72450	CYLINDER ASSY,ARM Q	1	1						
7	2	172B04-72030	SEAL KIT, CYL.80X50	1	1						
8	3	172B04-72480	SEAL SET, HEAD 80X50	1	1						
9	3	172B04-72490	SEAL SET,PISTON 80	1	1						
10	2	172B04-72250	PLUG ASSY	1	1						
11	3	172B04-72260	HOLDER,TUBE	1	1						
12	3	172B04-72470	PLUG	1	1						
13	3	24315-000260	O-RING, 1BP26.0	2	2						
14	3	26013-080162	BOLT, M8X 16	1	1						
15	2	172B04-72330	HEAD ASSY, 80 50	1	1						
17	3	172A79-72970	BUSH,HEAD	1	1						
18	3	172A79-72980	RING, SNAP	1	1						
19	2	172B04-72350	HOLDER ASSY	1	1						
20	3	172B04-72360	HOLDER	1	1						
21	3	172B04-72370	SPACER	1	1						
22	3	172B04-72380	SEAL,CUSHION	1	1						
23	3	172B04-72390	COLLAR	1	1						
24	2	172B04-72400	ROD ASSY, ARM	1	1						
25	3	172A79-72920	BUSH,PIN 50	1	1						
26	2	172B04-72410	PISTON ASSY	1	1						
27	3	172B04-72420	PISTON	1	1						
28	3	172A79-72870	SCREW,M8	1	1						
29	3	24190-070002	BALL, STEEL 7/32	1	1						
30	2	172B04-72430	CUSHION,BEARING	1	1						
31	2	172B04-72440	PIPE ASSY, ARM	1	1						
32	2	172B05-72520	SEAL,DUST 50	4	4						
33	2	172A79-72700	CUSHION ASSY,ARM	1	1						
34	3	172A79-72710	PLUNGER,CUSHION	1	1						
35	3	172A79-72720	SEAL,CUSHION	1	1						
36	3	172A79-72730	STOPPER,CUSHION	2	2						
37	3	172A79-72740	RING, SNAP	1	1						
38	2	172B04-72910	TUBE ASSY, ARM Q	1	1						
39	3	172A79-72920	BUSH,PIN 50	1	1						
40	2	24761-050000	NIPPLE, GREASE C	1	1						
41	1	172A79-72570	WASHER	2	2						
42	1	172A47-72840	BOLT	1	1						
43	1	172A27-72951-N	PLATE, SLIDE	1	1						
44	1	172141-76900	CONNECTOR ASSY	1	1						
46	2	24315-000180	O-RING, 1BP18.0	1	1						
47	1	172112-77361	CONNECTOR	1	1						
48	1	22217-100000	WASHER, SPRING 10	3	3						
49	1	26076-100252	BOLT, 10.910X 25	2	2						
50	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
51	1	41851-000180	O-RING	1	1						
52	1	933147-03400	WASHER, BRAKE ARM	1	1						
53	1	933168-14170	SPRING	2	2						

Fig.124. BUCKET CYLINDER

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71960	GUIDE ASSY, 747 A	1	1						
2	1	172A23-72043	SHAFT	1	1						
3	1	172A23-72052	GROMMET	1	1						
4	1	172A46-72070	SPACER	1	1						
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172B04-72500	CYLINDER ASSY, BUCKET	1	1						
7	2	172B04-72050	SEAL KIT, CYL. 70X45	1	1						
8	3	172B04-72680	SEAL SET, HEAD 70X45	1	1						
9	3	172B04-72690	SEAL SET, PISTON 70	1	1						
10	2	172B04-72250	PLUG ASSY	1	1						
11	3	172B04-72260	HOLDER, TUBE	1	1						
12	3	172B04-72470	PLUG	1	1						
13	3	24315-000260	O-RING, 1BP26.0	2	2						
14	3	26013-080162	BOLT, M8X 16	1	1						
15	2	172B05-72490	SEAL, DUST 45	4	4						
16	2	172B04-72510	TUBE ASSY, BUCKET	1	1						
17	3	172B04-72520	BUSH, 45X55X40	1	1						
18	2	172B04-72530	HEAD ASSY, 70 45	1	1						
20	3	172B04-72550	BUSH, 45	1	1						
21	3	172B04-72560	RING, SNAP	1	1						
22	2	172B04-72571	PISTON ASSY	1	1						
23	3	172B04-72581	PISTON	1	1						
24	3	172A79-72870	SCREW, M8	1	1						
25	3	24190-070002	BALL, STEEL 7/32	1	1						
26	2	172B04-72590	PIPE ASSY, BUCKET	1	1						
27	2	172B04-72600	ROD ASSY, BUCKET	1	1						
28	3	172B04-72610	BUSH, 45X55X50	1	1						
29	2	24761-050000	NIPPLE, GREASE C	1	1						
30	1	172A79-72570	WASHER	2	2						
31	1	172A47-72840	BOLT	1	1						
32	1	172A47-72881-N	PLATE, SLIDE	1	1						
33	1	172112-77361	CONNECTOR	2	2						
34	1	22217-100000	WASHER, SPRING 10	3	3						
35	1	26076-100252	BOLT, 10.910X 25	2	2						
36	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
37	1	41851-000180	O-RING	2	2						
38	1	933147-03400	WASHER, BRAKE ARM	1	1						
39	1	933168-14170	SPRING	2	2						

Fig.125. SWING CYLINDER

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-72700	CYLINDER ASSY, SWING	1	1						
2	2	172B04-72070	SEAL KIT, CYL.90X45	1	1						
3	3	172B04-72780	SEAL SET, HEAD 90X45	1	1						
4	3	172B04-72790	SEAL SET,PISTON 90	1	1						
5	2	172B05-72440	SEAL,DUST 40	4	4						
6	2	172B04-72651	PISTON ASSY	1	1						
7	3	172B04-72461	PISTON	1	1						
8	3	172A79-72870	SCREW,M8	1	1						
9	3	24190-070002	BALL, STEEL 7/32	1	1						
10	2	172B04-72710	TUBE ASSY, SWING	1	1						
11	3	172B04-72720	BUSH, 40X50X55 S	1	1						
12	2	172B04-72730	ROD ASSY, SWING	1	1						
13	3	172B04-72740	BUSH, 40X50X55	1	1						
14	2	172B04-72750	HEAD ASSY, 90 45	1	1						
15	3	172B04-72270	BUSH, 45	1	1						
17	2	24761-050000	NIPPLE, GREASE C	1	1						
18	1	172123-76121	ADAPTER	2	2						
19	1	172183-81160	CLIP, TREE	1	1						
20	1	172183-81160	CLIP, TREE	2	2						
21	1	172B04-81950	PIN ASSY, 40X132	1	1						
22	1	172A47-81980	PLATE, LOCK	1	1						
23	1	172B04-81980	PIN, 40X126	1	1						
24	1	172165-82580	SHIM	4	4						
25	1	172165-82590	SHIM	4	4						
26	1	172165-82600	SHIM	4	4						
27	1	22157-120000	WASHER, 12	1	1						
28	1	26013-100252	BOLT, M10X 25	2	2						
29	1	26013-120252	BOLT, M12X 25	1	1						
30	1	41851-000110	O-RING	2	2						

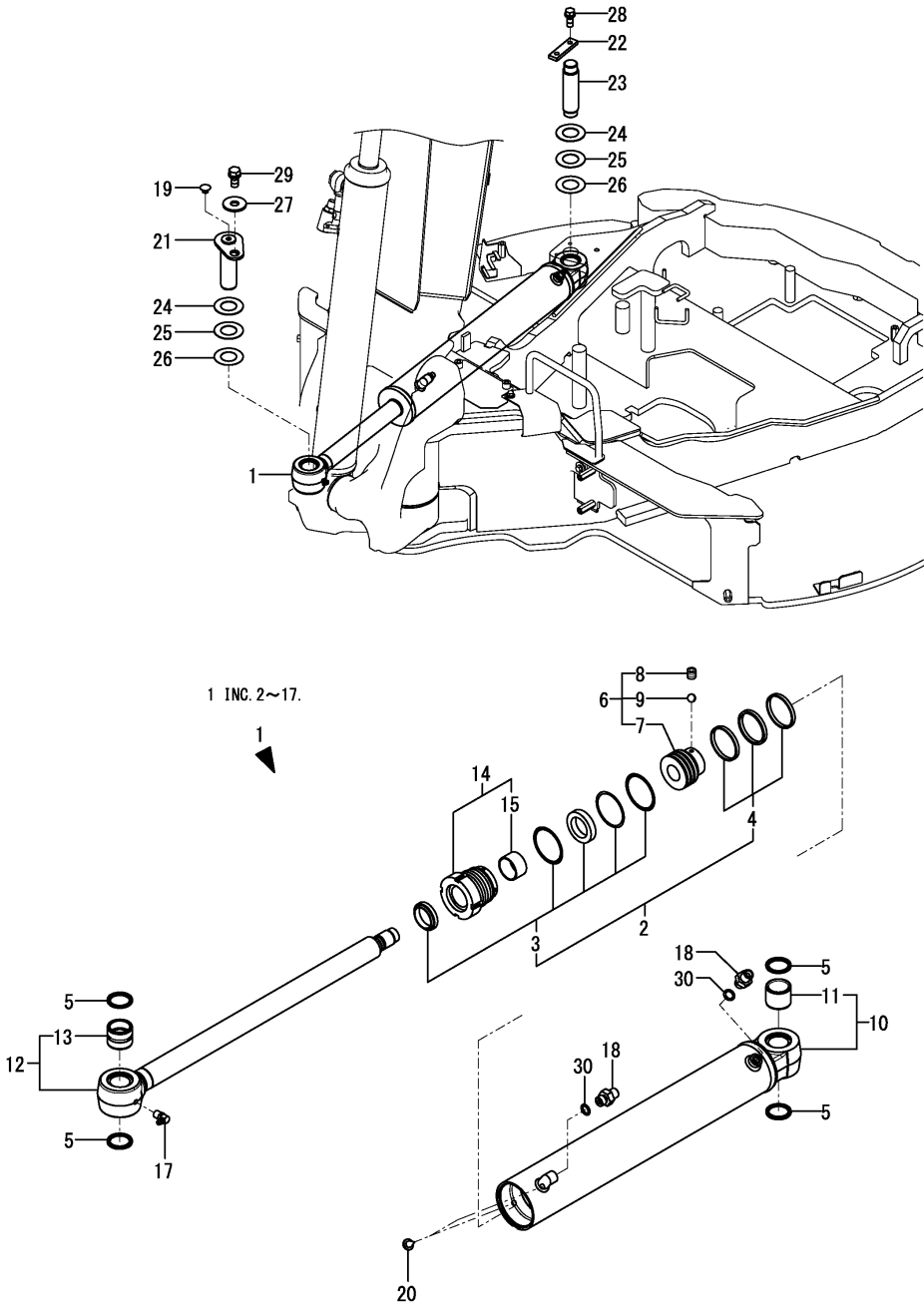
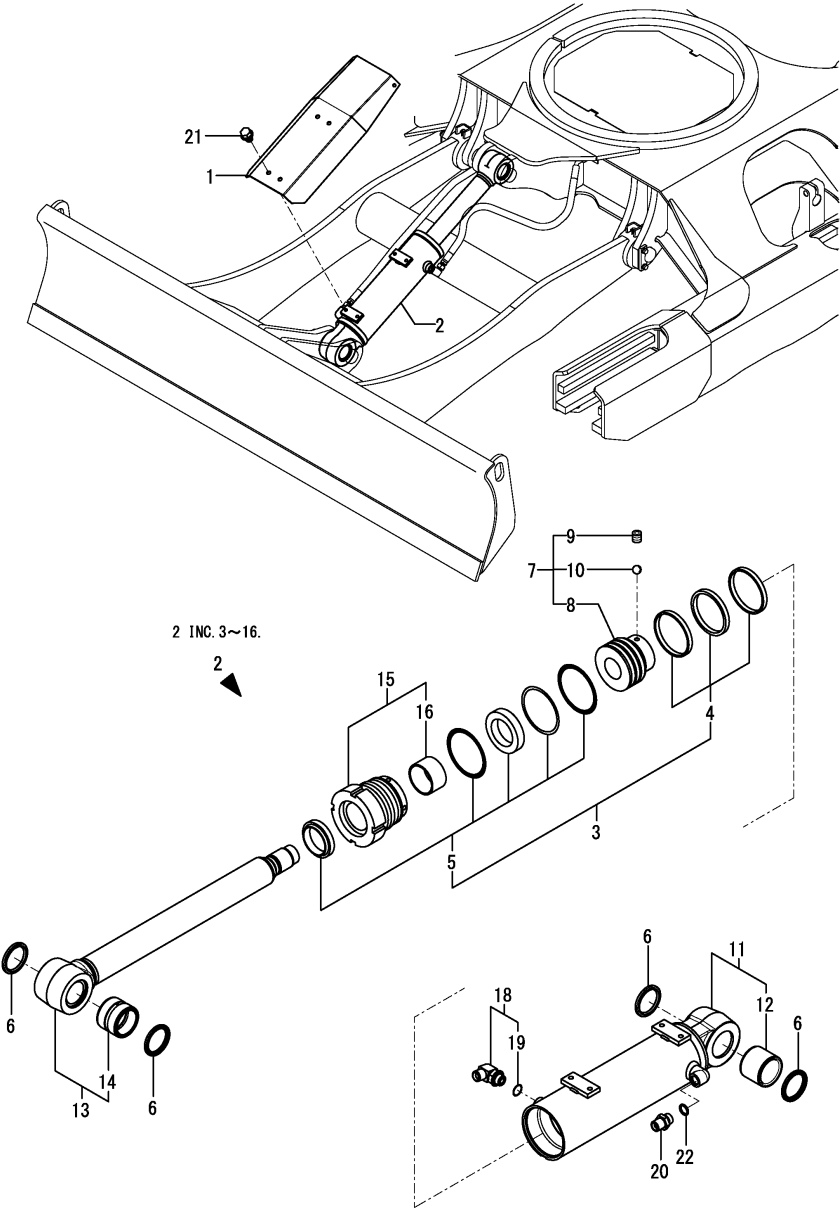


Fig.126. BLADE CYLINDER



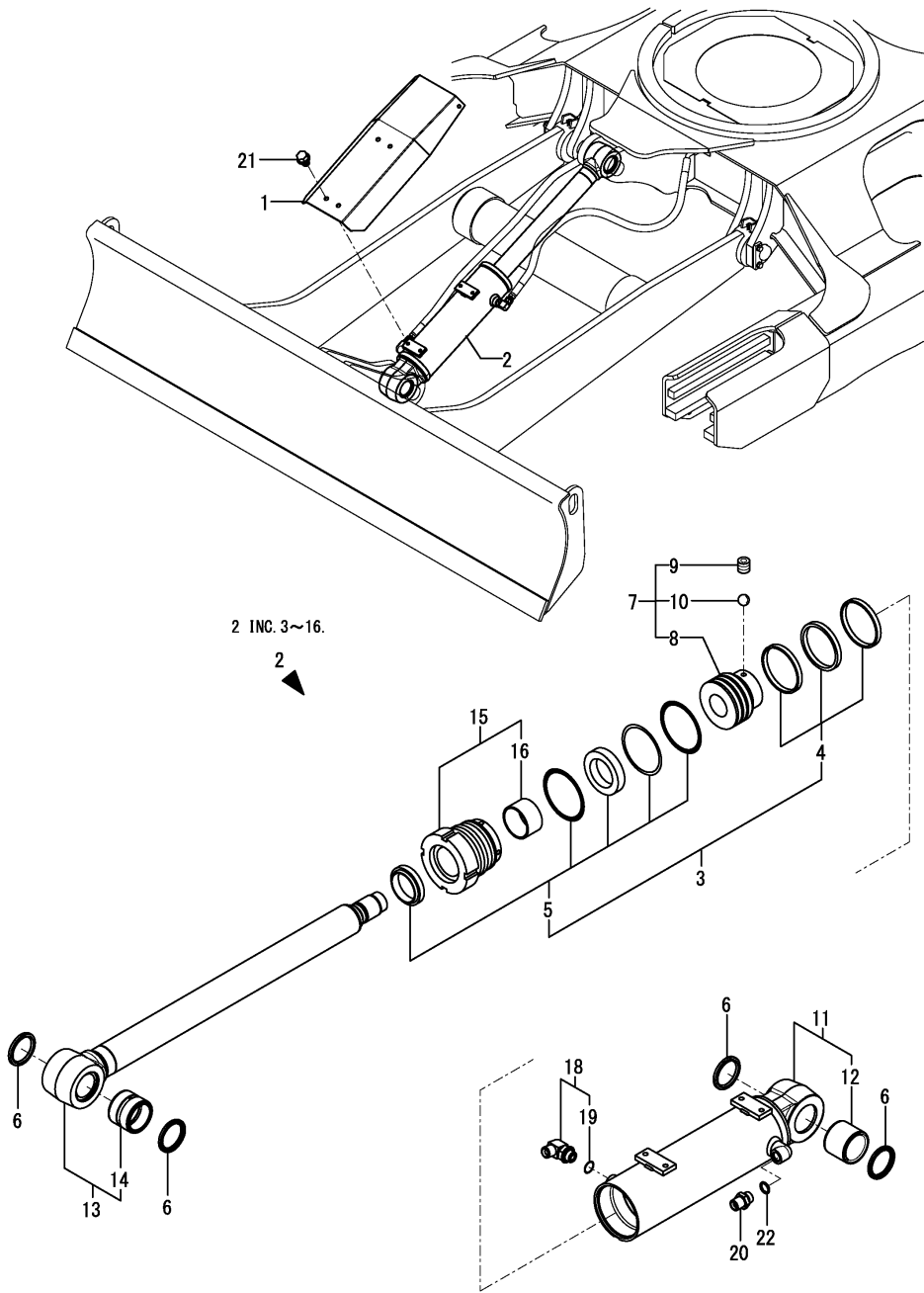
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71980	COVER ASSY, BLADE	1	1						
2	1	172B04-72800	CYLINDER ASSY, BLADE	1	1						
3	2	172B04-72080	SEAL KIT, CYL.95X55	1	1						
4	3	172B04-72290	SEAL SET,PISTON 95	1	1						
5	3	172B04-72880	SEAL SET, HEAD 95X55	1	1						
6	2	172B05-72490	SEAL,DUST 45	4	4						
7	2	172B04-72630	PISTON ASSY	1	1						
8	3	172B04-72640	PISTON	1	1						
9	3	172B04-72870	SCREW	1	1						
10	3	24190-080002	BALL, STEEL 1/4	1	1						
11	2	172B04-72810	TUBE ASSY, BLADE	1	1						
12	3	172B04-72820	BUSH, 45X55X60	1	1						
13	2	172B04-72830	ROD ASSY, BLADE	1	1						
14	3	172B04-72820	BUSH, 45X55X60	1	1						
15	2	172B04-72850	HEAD ASSY, 95 55	1	1						
16	3	172B04-72840	BUSH, 55	1	1						
18	1	172142-76181	JOINT ASSY	1	1						
19	2	24315-000140	O-RING, 1BP14.0	1	1						
20	1	172186-76410	ADAPTER	1	1						
21	1	26106-100122	BOLT, M10X 12 PLATED	4	4						
22	1	41851-000140	O-RING	1	1						

Remarks
* Not applied for angle blade specification.

Fig.127. BLADE CYLINDER(QUICK COUPLER SPEC.)

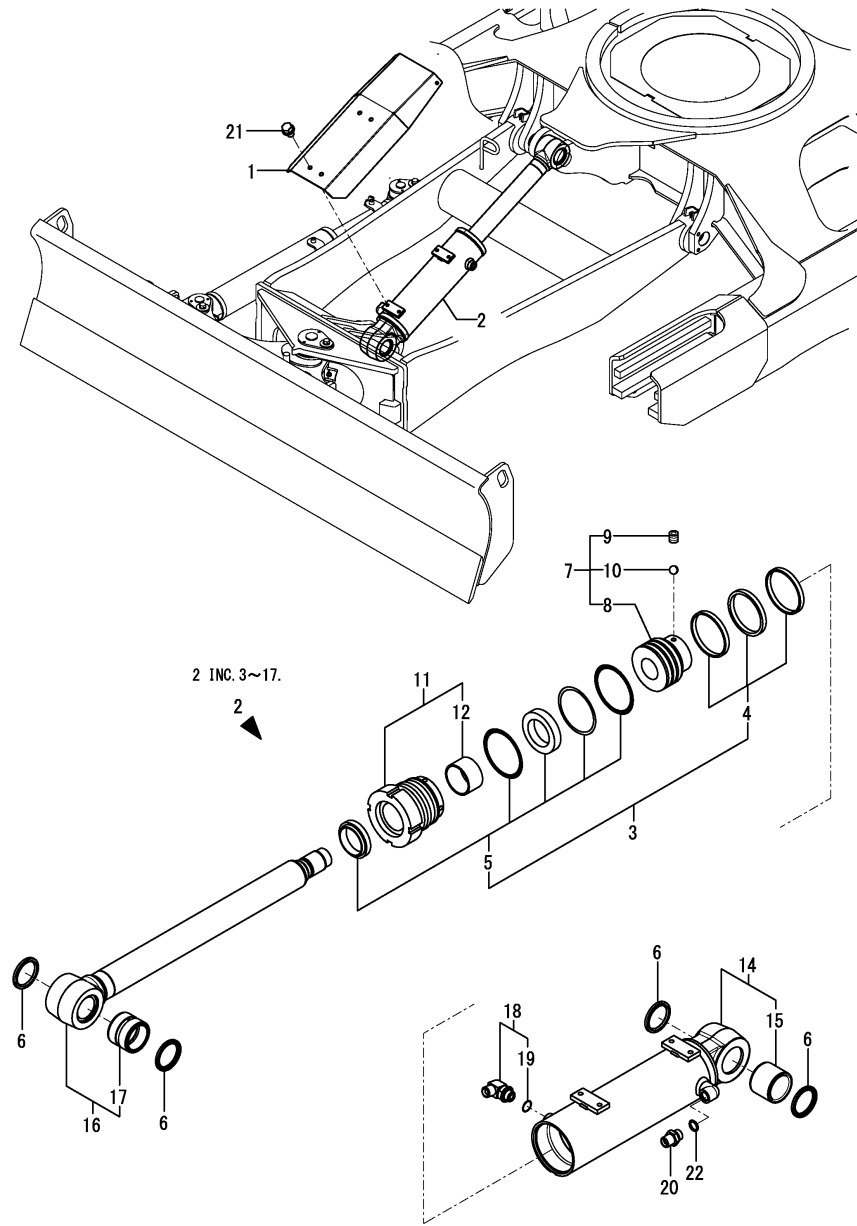


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71980	COVER ASSY, BLADE	1	1						
2	1	172B05-72800	CYLINDER ASSY, BLADE Q	1	1						
3	2	172B04-72080	SEAL KIT, CYL.95X55	1	1						
4	3	172B04-72290	SEAL SET, PISTON 95	1	1						
5	3	172B04-72880	SEAL SET, HEAD 95X55	1	1						
6	2	172B05-72490	SEAL, DUST 45	4	4						
7	2	172B04-72630	PISTON ASSY	1	1						
8	3	172B04-72640	PISTON	1	1						
9	3	172B04-72870	SCREW	1	1						
10	3	24190-080002	BALL, STEEL 1/4	1	1						
11	2	172B05-72810	TUBE ASSY, BLADE Q	1	1						
12	3	172B04-72820	BUSH, 45X55X60	1	1						
13	2	172B05-72830	ROD ASSY, BLADE Q	1	1						
14	3	172B04-72820	BUSH, 45X55X60	1	1						
15	2	172B04-72850	HEAD ASSY, 95 55	1	1						
16	3	172B04-72840	BUSH, 55	1	1						
18	1	172142-76181	JOINT ASSY	1	1						
19	2	24315-000140	O-RING, 1BP14.0	1	1						
20	1	172186-76410	ADAPTER	1	1						
21	1	26106-100122	BOLT, M10X 12 PLATED	4	4						
22	1	41851-000140	O-RING	1	1						

Fig.128. BLADE CYLINDER(ANGLE BLADE SPEC.)



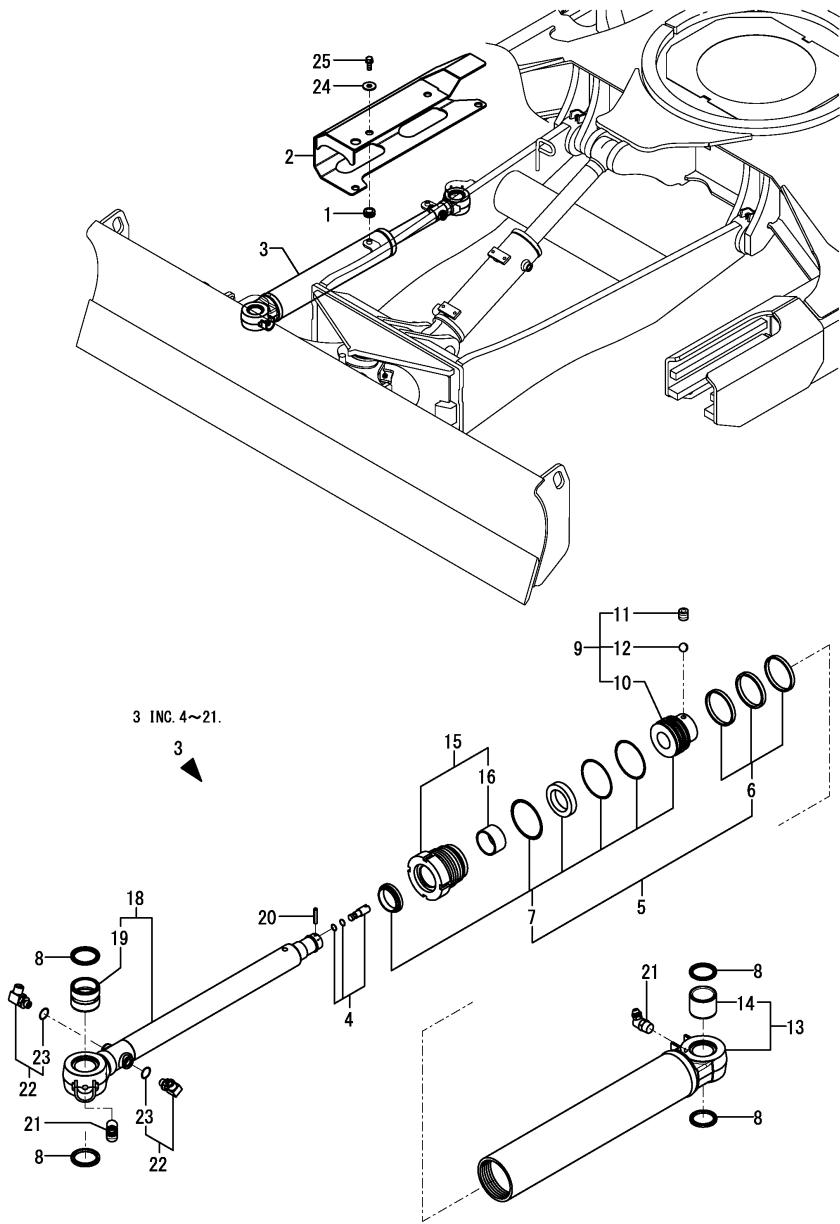
Remarks
* Exclusive figure for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-71980	COVER ASSY, BLADE	1	1						
2	1	172B05-72900	CYLINDER ASSY, BLADEA	1	1						
3	2	172B04-72080	SEAL KIT, CYL.95X55	1	1						
4	3	172B04-72290	SEAL SET, PISTON 95	1	1						
5	3	172B04-72880	SEAL SET, HEAD 95X55	1	1						
6	2	172B05-72490	SEAL, DUST 45	4	4						
7	2	172B04-72630	PISTON ASSY	1	1						
8	3	172B04-72640	PISTON	1	1						
9	3	172B04-72870	SCREW	1	1						
10	3	24190-080002	BALL, STEEL 1/4	1	1						
11	2	172B04-72850	HEAD ASSY, 95 55	1	1						
12	3	172B04-72840	BUSH, 55	1	1						
14	2	172B05-72920	TUBE ASSY, BLADE ANG	1	1						
15	3	172B05-72840	BUSH, 45X55X60	1	1						
16	2	172B05-72930	ROD ASSY, BLADE ANG	1	1						
17	3	172B05-72840	BUSH, 45X55X60	1	1						
18	1	172142-76181	JOINT ASSY	1	1						
19	2	24315-000140	O-RING, 1BP14.0	1	1						
20	1	172186-76410	ADAPTER	1	1						
21	1	26106-100122	BOLT, M10X 12 PLATED	4	4						
22	1	41851-000140	O-RING	1	1						

Fig.129. ANGLE CYLINDER(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1380-58050	GROMMET, 16X20X4.5	4	4						
2	1	172B05-72850	COVER ASSY, ANGLE	1	1						
3	1	172B05-72950	CYLINDER ASSY,ANGLE	1	1						
4	2	172B03-71590	PLUG ASSY	1	1						
5	2	172B05-72090	SEAL KIT, CYL.75X45	1	1						
6	3	172B05-72690	SEAL SET,PISTON 75	1	1						
7	3	172B05-72940	SEAL SET, HEAD 75X45	1	1						
8	2	172B05-72440	SEAL,DUST 40	4	4						
9	2	172B05-72571	PISTON ASSY	1	1						
10	3	172B05-72581	PISTON	1	1						
11	3	172A79-72870	SCREW,M8	1	1						
12	3	24190-070002	BALL, STEEL 7/32	1	1						
13	2	172B05-72960	TUBE ASSY,ANGLE	1	1						
14	3	172A23-70120	BUSH, PIN 40	1	1						
15	2	172B05-72970	HEAD ASSY, 75 45	1	1						
16	3	172B04-72270	BUSH, 45	1	1						
18	2	172B05-72990	ROD ASSY, ANGLE	1	1						
19	3	172A23-70120	BUSH, PIN 40	1	1						
20	2	22351-025022	PIN, SPRING 2.5X22	1	1						
21	2	24761-040000	NIPPLE, GREASE B	2	2						
22	1	172173-76121	CONNECTOR ASSY	2	2						
23	2	24315-000110	O-RING, 1BP11.0	2	2						
24	1	22157-100000	WASHER, 10	4	4						
25	1	26013-100252	BOLT, M10X 25	4	4						

Remarks

* Exclusive figure for angle blade specification.

Fig.130. HITCH CYLINDER(QUICK COUPLER)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172960-72800-N	CYLINDER ASSY, HITCH	1	1						
2	2	172141-72580	NUT, M20	1	1						
3	2	172960-72810-N	TUBE, HITCH	1	1						
5	3	172960-72950	BUSH	2	2						
6	2	172960-72860	HEAD	1	1						
8	3	24550-035200	BUSH, 35X20	1	1						
9	2	172960-72880	ROD ASSY, HITCH	1	1						
11	3	172960-72920	BUSH	1	1						
12	2	172960-72890	PISTON	1	1						
13	2	172960-72900	WASHER	1	1						
14	2	172958-72950	O-RING	1	1						
15	2	172958-72960	O-RING	1	1						
16	2	172960-72960	SEAL SET, HEAD	1	1						
21	2	172960-72970	SEAL SET, PISTON	1	1						
24	2	172958-72983-N	VALVE ASSY,OPERATE	1	1						
32	2	23871-005000	PLUG, R005	2	2						
33	2	26450-060302	BOLT, M6X 30	4	4						

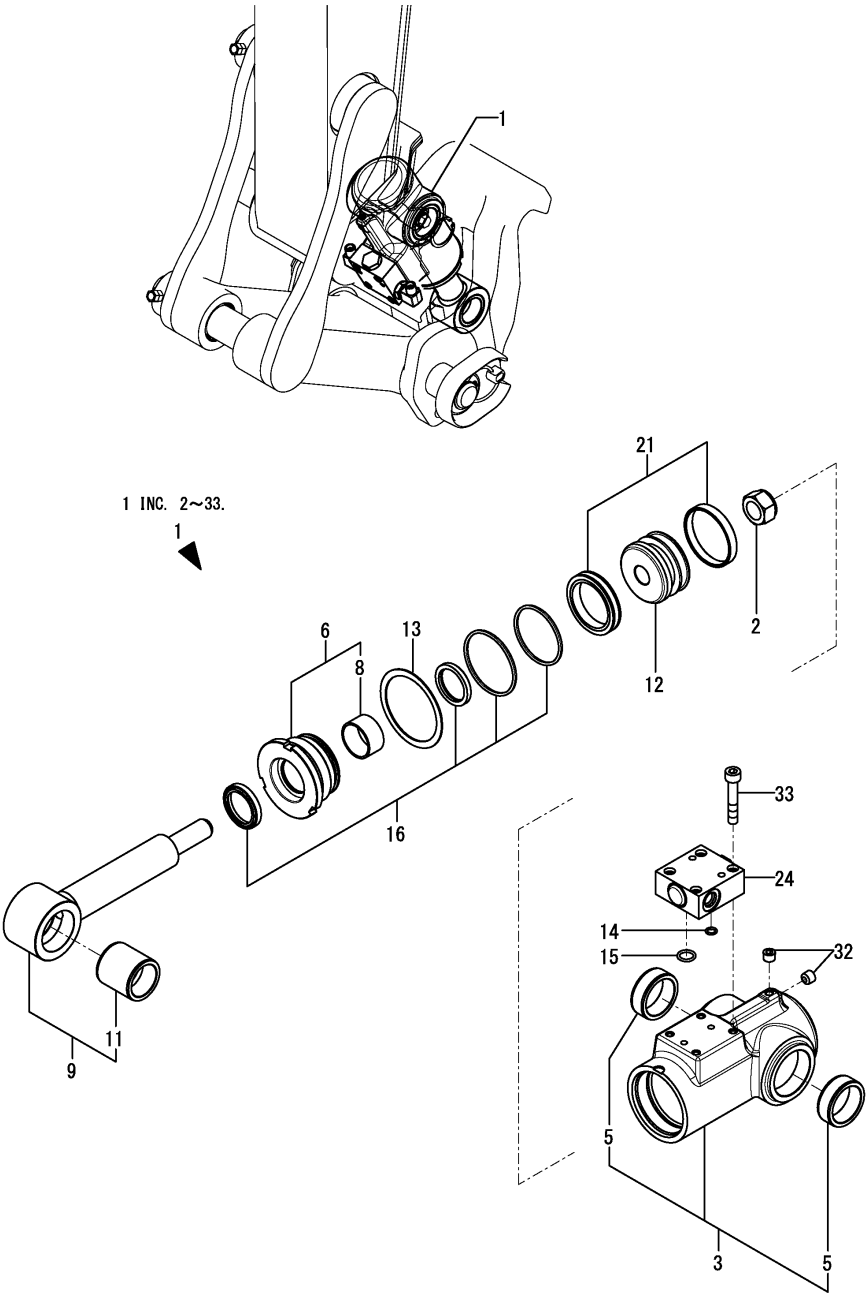
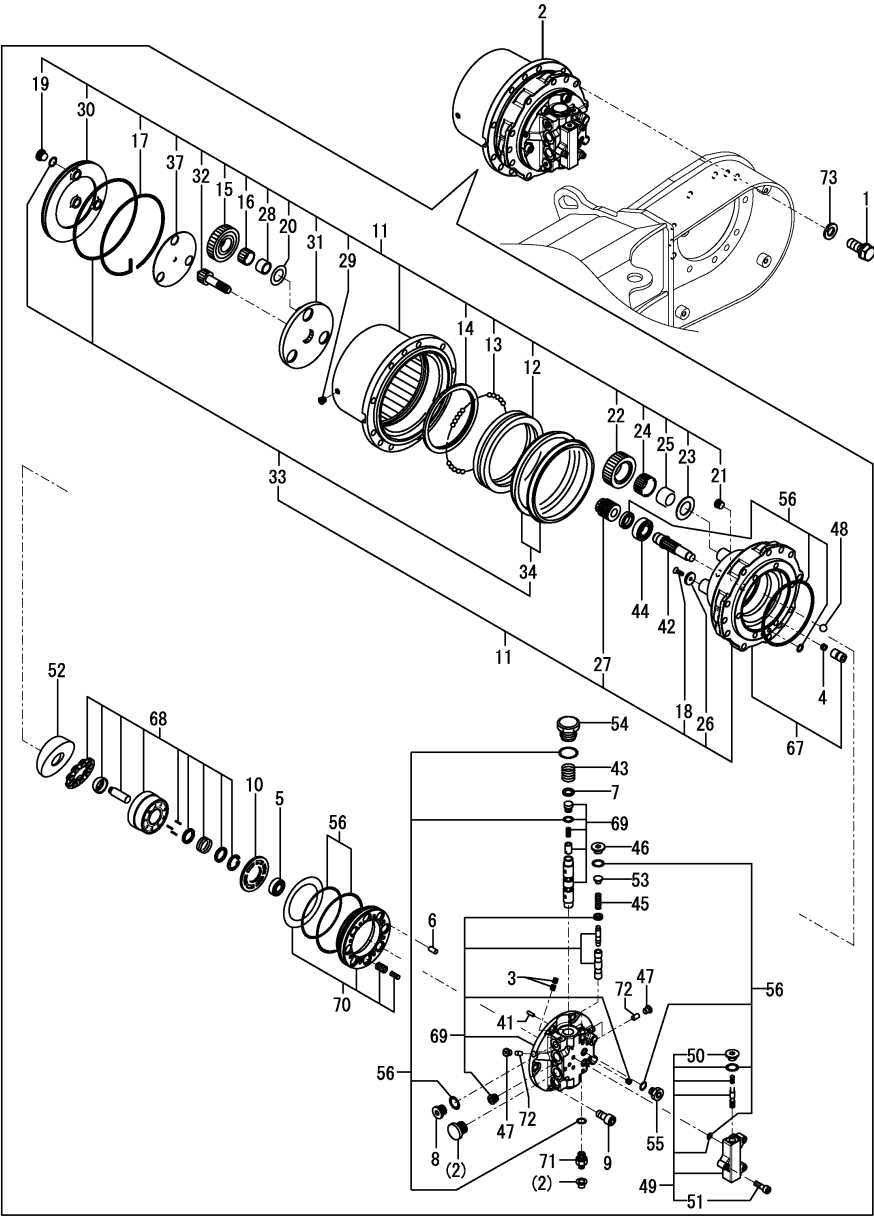


Fig.131. TRAVEL MOTOR



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

OCK50-M01380										Fig.131	
				(A)=VIO50-6A P(US)			(D)=				
				(B)=VIO50-6A C(US)			(E)=				
				(C)=			(F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-29140	BOLT	24	24						
2	1	172B04-73300	MOTOR ASSY, TRAVEL	2	2						
3	2	172148-70340	ORIFICE	8	8						
4	2	172147-70361	SPRING	4	4						
5	2	172147-70390	BEARING, BALL	2	2						
6	2	172122-70410	PIN	8	8						
7	2	172122-70460	SEAT, SPRING	4	4						
8	2	172147-70500	PLUG	4	4						
9	2	172147-70540	BOLT, SOCKET HEAD	12	12						
10	2	172B04-73290	PLATE, VALVE	2	2						
11	2	172B04-73350	GEAR ASSY,REDUCTION	2	2						
12	3	172124-70010	BEARING, ANGULAR	2	2						
13	3	172124-70030	BALL, STEEL	198	198						
14	3	172124-70051	NUT, RING	2	2						
15	3	172147-70111	GEAR, PLANETARY	6	6						
16	3	172147-70120	GAUGE ASSY	6	6						
17	3	172147-70210	WIRE	2	2						
18	3	172162-70290	SCREW	8	8						
19	3	172147-70500	PLUG	6	6						
20	3	172A47-73310	WASHER, THRUST	6	6						
21	3	172423-73330	PLUG	4	4						
22	3	172B05-73360	GEAR, PLANETARY	8	8						
23	3	172423-73370	WASHER, THRUST	8	8						
24	3	172B05-73370	BEARING, NEEDLE	8	8						
25	3	172B05-73380	RING, INNER	8	8						
26	3	172B05-73390	PLATE, THRUST	2	2						
27	3	172B05-73400	GEAR, SUN	2	2						
28	3	172423-73410	RACE, INNER	6	6						
29	3	172122-73430	PLUG	4	4						
30	3	172B05-73440	COVER	2	2						
31	3	172460-73511	HOLDER	2	2						
32	3	172460-73531	GEAR, DRIVE	2	2						
33	3	172B05-73610	SEAL KIT,REDUCTION	2	2						
34	4	172147-70020	SEAL, FLOATING	4	4	1					
37	3	172460-73631	PLATE KIT, THRUST	2	2						
41	2	172122-73470	PIN	2	2						
42	2	172423-73470	SHAFT	2	2						
43	2	172B05-73470	SPRING, RETURN	4	4						
44	2	172423-73480	BEARING, BALL	2	2						
45	2	172B05-73480	SPRING	2	2						
46	2	172B05-73490	PLUG	2	2						
47	2	172B05-73500	PLUG ASSY	6	6						
48	2	172423-73510	BALL, STEEL	4	4						
49	2	172B05-73510	VALVE ASSY	2	2						
50	3	172147-70500	PLUG	4	4						
51	3	172A47-73320	BOLT, SOCKET HEAD	6	6						
52	2	172460-73551	PLATE,SWASH	2	2						
53	2	172B05-73560	SEAT, SPRING	2	2						
54	2	172460-73570	CAP	4	4						
55	2	172460-73590	PLUG	4	4						
56	2	172B05-73620	SEAL KIT, TRAVEL M	2	2						

N:Old

Yes

No

New

Q:Old

Yes

No

New

R:Old

Yes

No

New

S:Old

Yes

No

New

W:Add

Z:Discontinued

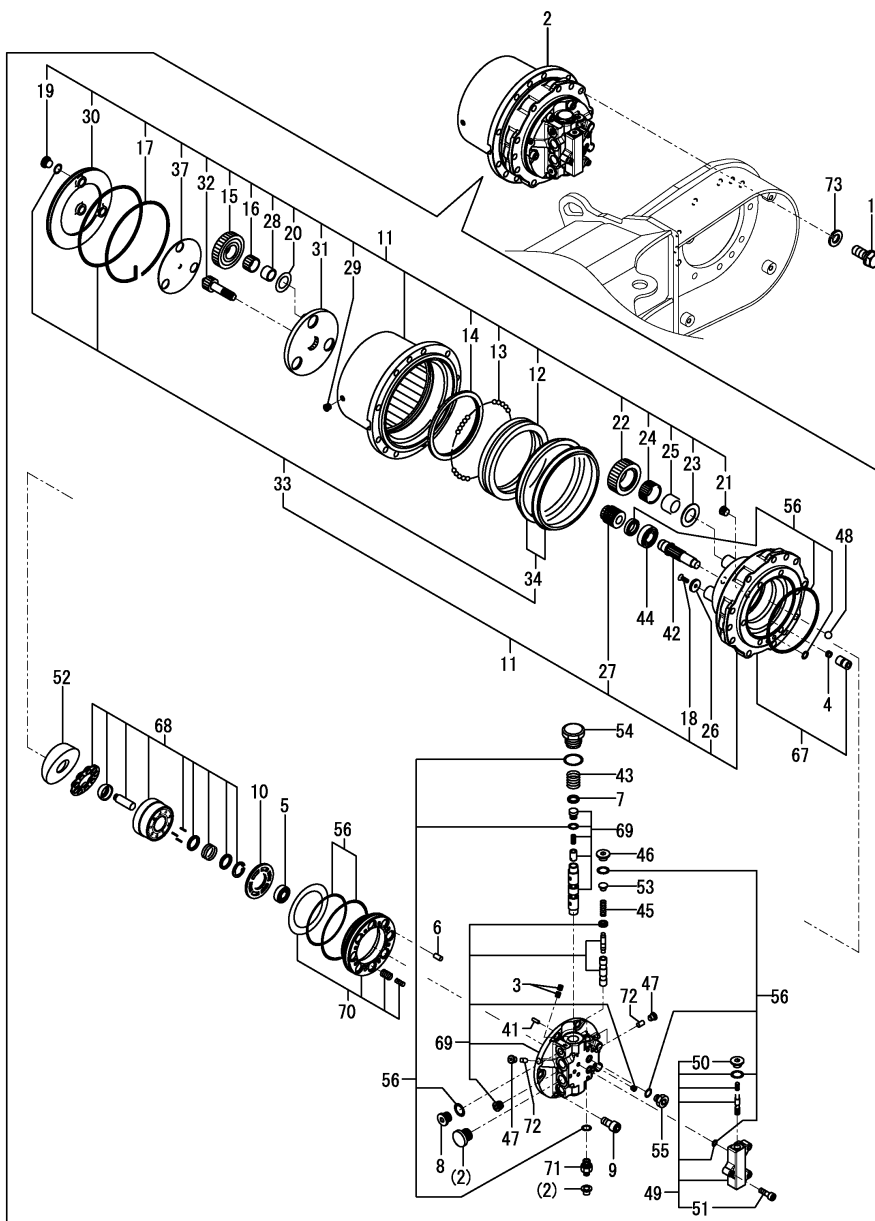
F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

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Fig.131. TRAVEL MOTOR



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

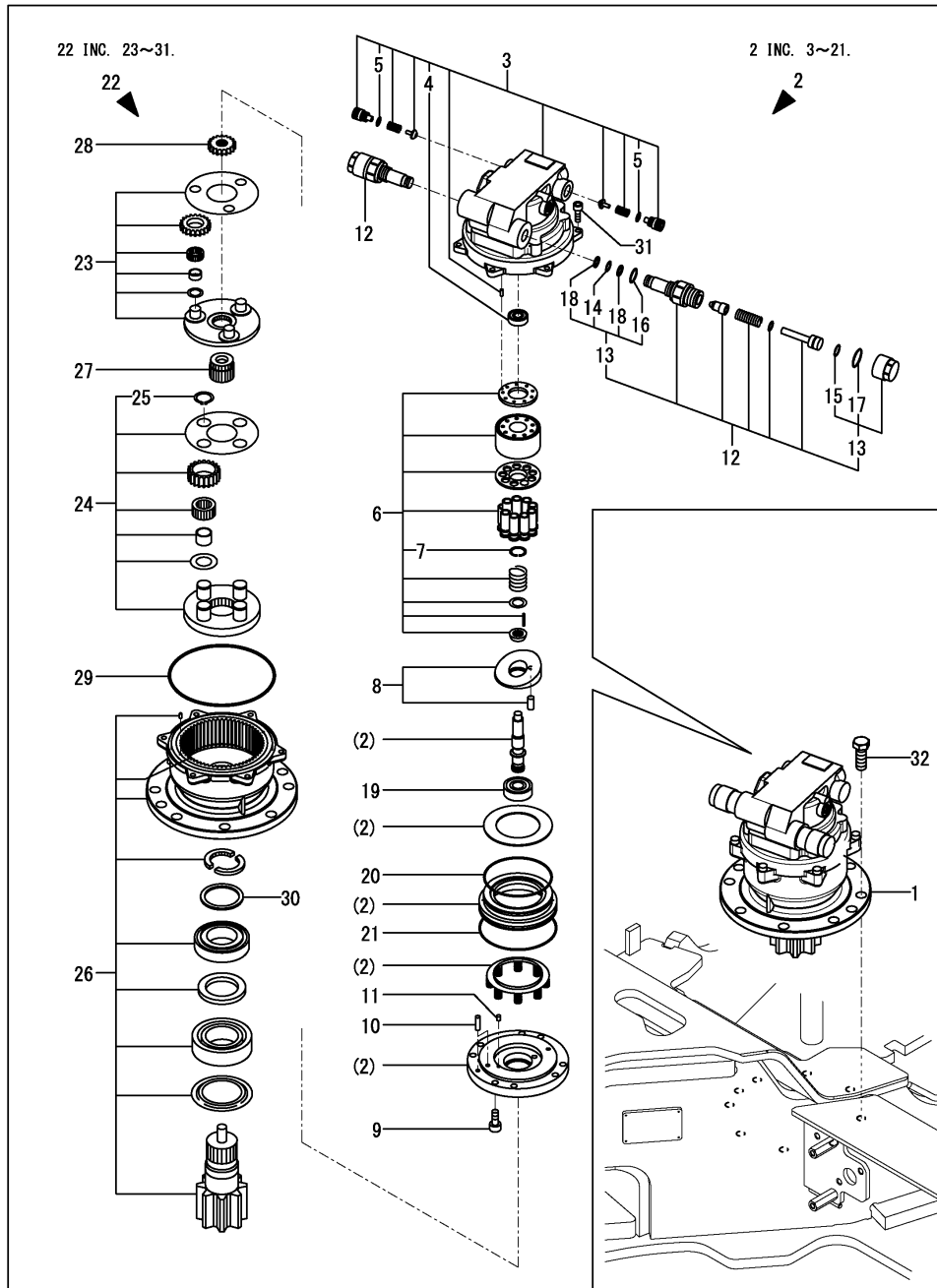
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
67	2	172B05-73630	REPAIR KIT, HOLDER	2	2						
68	2	172B05-73640	REPAIR KIT,CYL BLOCK	2	2						
69	2	172B05-73650	REPAIR KIT, BASE P	2	2						
70	2	172B05-73660	SEAL KIT, BRAKE	2	2						
71	2	172458-73830	PLUG	2	2						
72	2	172312-74790	ORIFICE	12	12						
73	1	22217-140000	WASHER, SPRING 14	24	24						

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.132. TURNING MOTOR



				(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C) (D) (E) (F)		I	R		
1	1	172B04-73310	MOTOR ASSY,SWING	1	1						
2	2	172B06-73490	MOTOR ASSY	1	1						
3	3	172B06-73320	BODY ASSY,H	1	1						
4	4	24101-062010	BEARING, BALL 6201C3	1	1						
5	4	24315-000110	O-RING, 1BP11.0	2	2						
6	3	172B06-73330	CYLINDER ASSY	1	1						
7	4	172126-73400	SNAP RING	1	1						
8	3	172B06-73340	PLATE ASSY,SWASH	1	1						
9	3	172126-73410	SCREW	8	8						
10	3	172447-73480	NEEDLE	3	3						
11	3	172425-73530	FILTER	1	1						
12	3	172461-73770	VALVE ASSY, RELIEF	2	2						
13	4	172460-73780	SEAL SET, VALVE	2	2						
14	5	24315-000140	O-RING, 1BP14.0	2	2						
15	5	24315-000180	O-RING, 1BP18.0	2	2						
16	5	24315-000220	O-RING, 1BP22.0	2	2						
17	5	24315-000280	O-RING, 1BP28.0	2	2						
18	5	24372-000140	RING, BACK UP T2P14	4	4						
19	3	24105-062044	BEARING, BALL 6204Z	1	1						
20	3	24325-001100	O-RING, 1BG110.0	1	1						
21	3	24325-001250	O-RING, 1BG125.0	1	1						
22	2	172B04-73500	GEAR ASSY,REDUCTION	1	1						
23	3	172B04-73360	CARRIER KIT,2	1	1						
24	3	172B04-73370	CARRIER KIT,1	1	1						
25	4	22252-000220	RING, 22	4	4						
26	3	172B04-73380	PINION KIT	1	1						
27	3	172B04-73390	GEAR,S1	1	1						
28	3	172B04-73400	GEAR,S2	1	1						
29	3	172B06-73420	O-RING	1	1						
30	3	172B06-73480	RING	1	1						
31	3	26450-080252	BOLT, M8X 25	6	6						
32	1	172460-73320	BOLT	10	10						

Fig.133. ACCUMULATOR

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73600	ACCUMULATOR	1	1						
2	1	172B11-73630	CLAMP	1	1						
3	1	172423-76120	CONNECTOR, PF1/2X1/4	1	1						
4	1	26014-080202	BOLT, M8X 20	2	2						
5	1	41851-000180	O-RING	1	1						

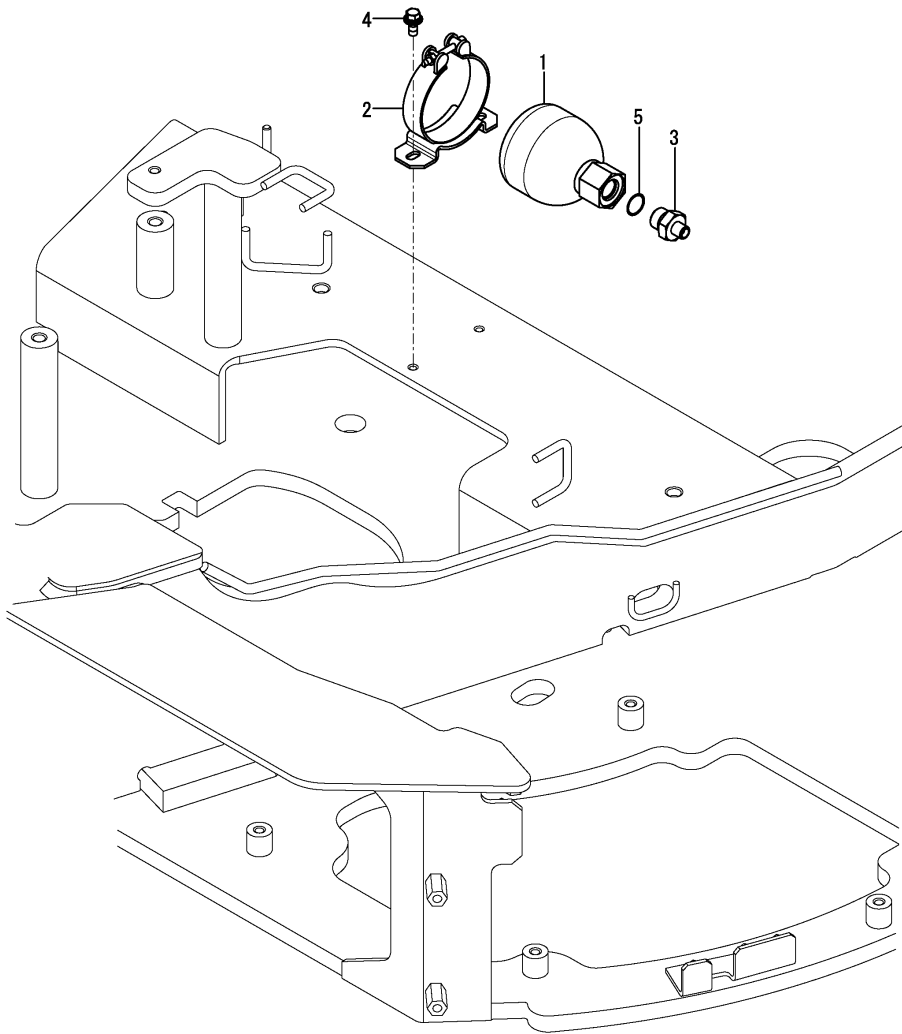
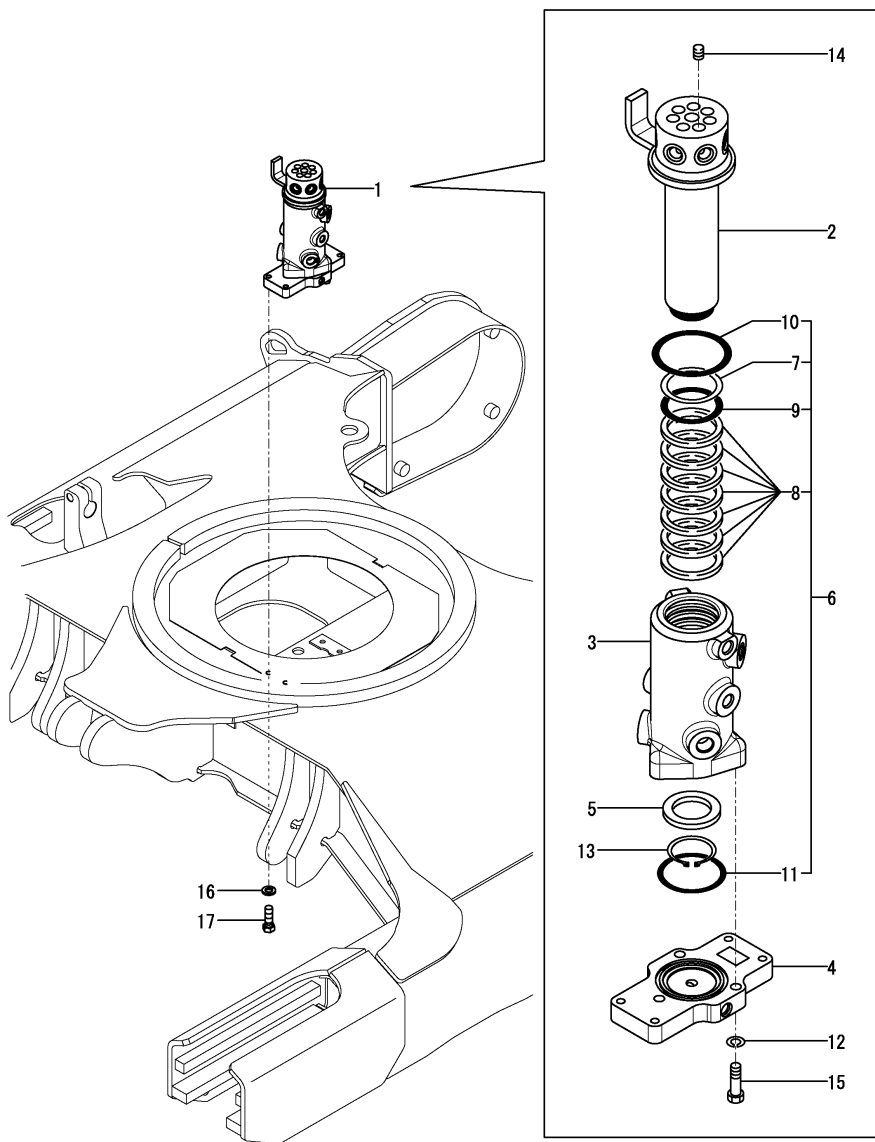


Fig.134. SWIVEL JOINT



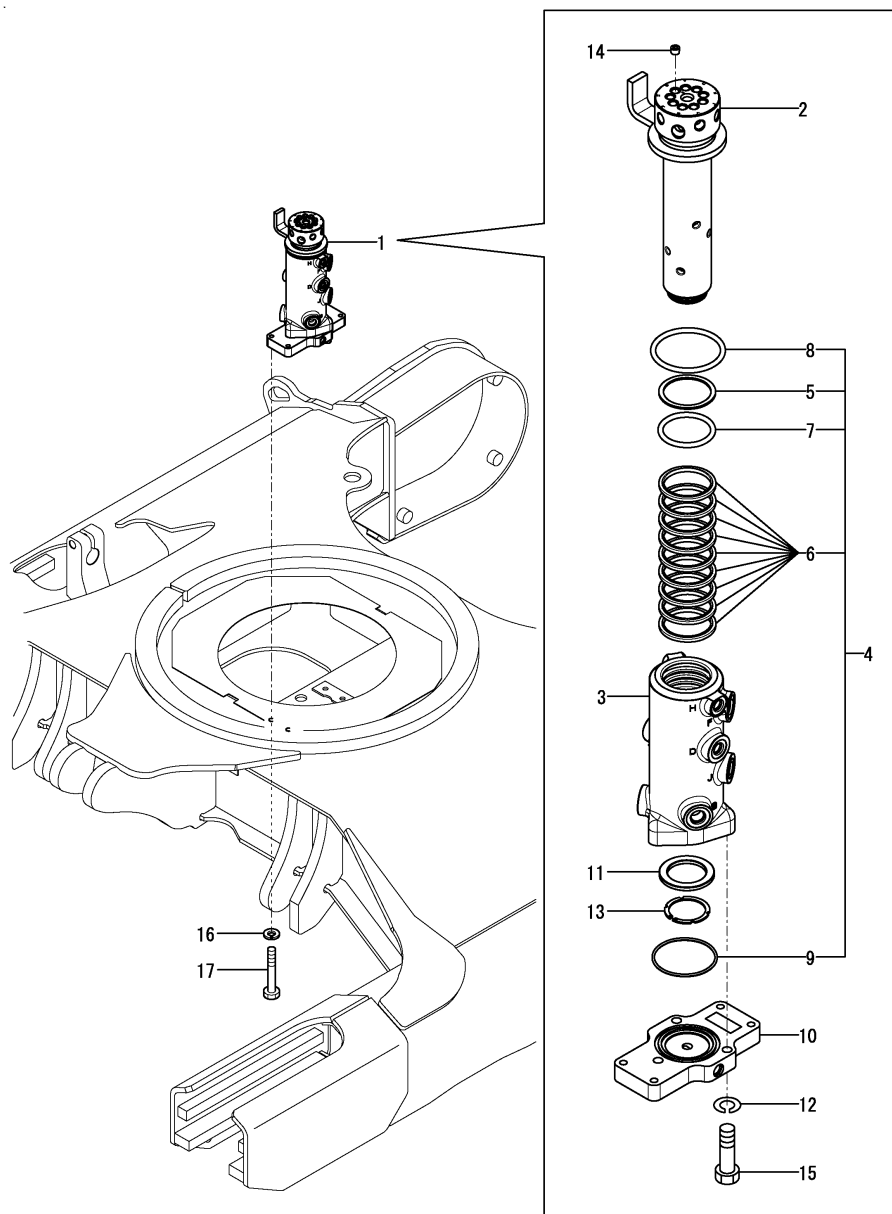
No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B02-73800	JOINT ASSY, SWIVEL	1	1				
2	2	172B02-73810	SHAFT ASSY, SWIVEL	1	1				
3	2	172B02-73840	HUB, SWIVEL	1	1				
4	2	172B02-73850	FLANGE, SWIVEL	1	1				
5	2	172B02-73860	SPACER, SWIVEL	1	1				
6	2	172B02-73910	SEAL KIT, SWIVEL	1	1				
7	3	172B02-73880	RING, BACKUP T3 55	1	1				
8	3	172B02-73890	SEAL, SWIVEL	7	7				
9	3	24315-000560	O-RING, 1BP56.0	1	1				
10	3	24315-000750	O-RING, 1BP75.0	1	1				
11	3	24325-000700	O-RING, 1BG70.0	1	1				
12	2	22217-100000	WASHER, SPRING 10	3	3				
13	2	22242-000451	RING, 45	1	1				
14	2	23871-020000	PLUG, R02	7	7				
15	2	26076-100352	BOLT, 10.910X 35	3	3				
16	1	22217-100000	WASHER, SPRING 10	4	4				
17	1	26116-100302	BOLT, M10X 30 PLATED	4	4				

Remarks

* Not applied for angle blade specification.

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

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A79-73700	JOINT ASSY, SWIVEL	1	1						
2	2	172A79-73710	SHAFT ASSY,SWIVEL	1	1						
3	2	172A79-73720	ROTOR	1	1						
4	2	172A79-73790	SEAL KIT, SWIVEL	1	1						
5	3	172B02-73880	RING, BACKUP T3 55	1	1						
6	3	172B02-73890	SEAL, SWIVEL	9	9						
7	3	24315-000560	O-RING, 1BP56.0	1	1						
8	3	24315-000750	O-RING, 1BP75.0	1	1						
9	3	24325-000700	O-RING, 1BG70.0	1	1						
10	2	172B02-73850	FLANGE, SWIVEL	1	1						
11	2	172B02-73860	SPACER, SWIVEL	1	1						
12	2	22217-100000	WASHER, SPRING 10	3	3						
13	2	22242-000451	RING, 45	1	1						
14	2	23871-010000	PLUG, R01	9	9						
15	2	26076-100352	BOLT, 10.910X 35	3	3						
16	1	22217-100000	WASHER, SPRING 10	4	4						
17	1	26116-100302	BOLT, M10X 30 PLATED	4	4						

* Exclusive figure for angle blade specification.

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

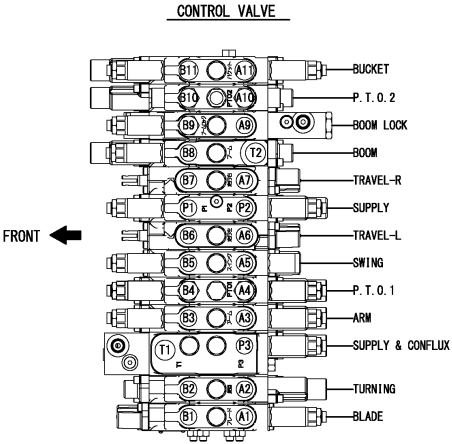
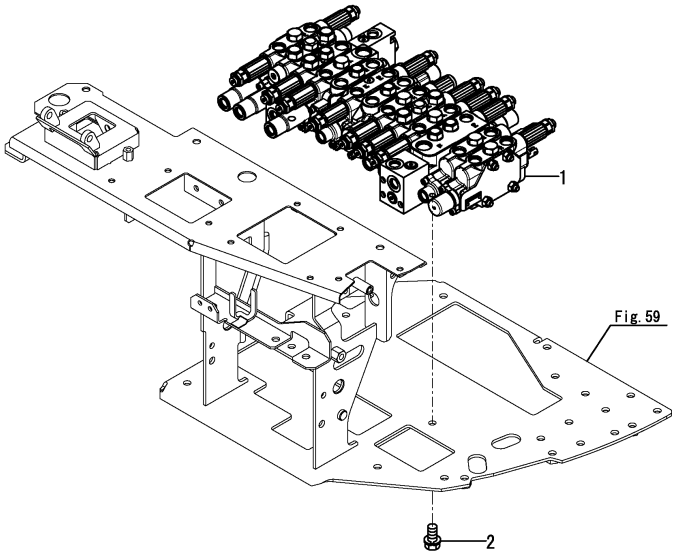
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Fig.136. CONTROL VALVE(1/8)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-74510	VALVE ASSY,CV US	1	1						1
2	1	26013-100162	BOLT, M10X 16	3	3						



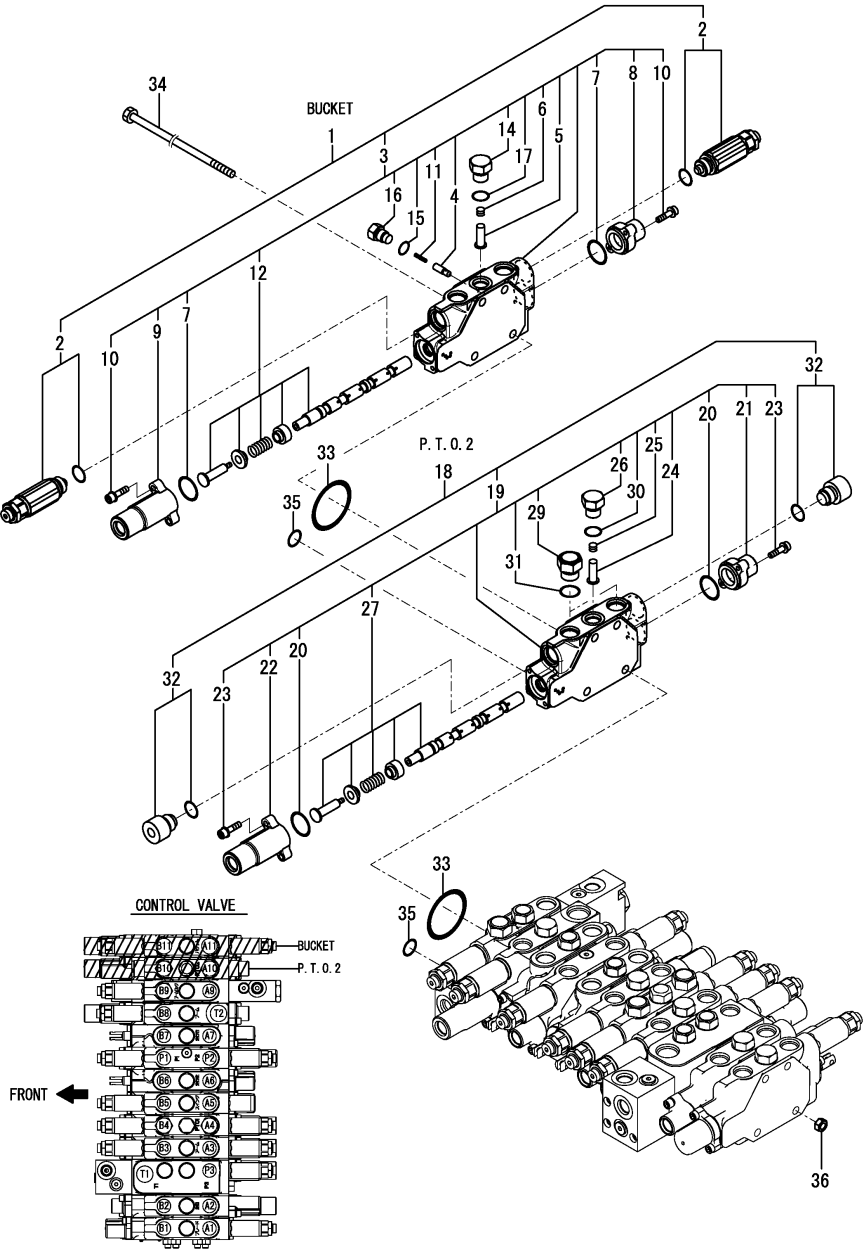
Remarks
* Not applied for angle blade specification.
(1)Inner parts are shown in Fig.143 from Fig.137.

Fig.137. CONTROL VALVE(2/8)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

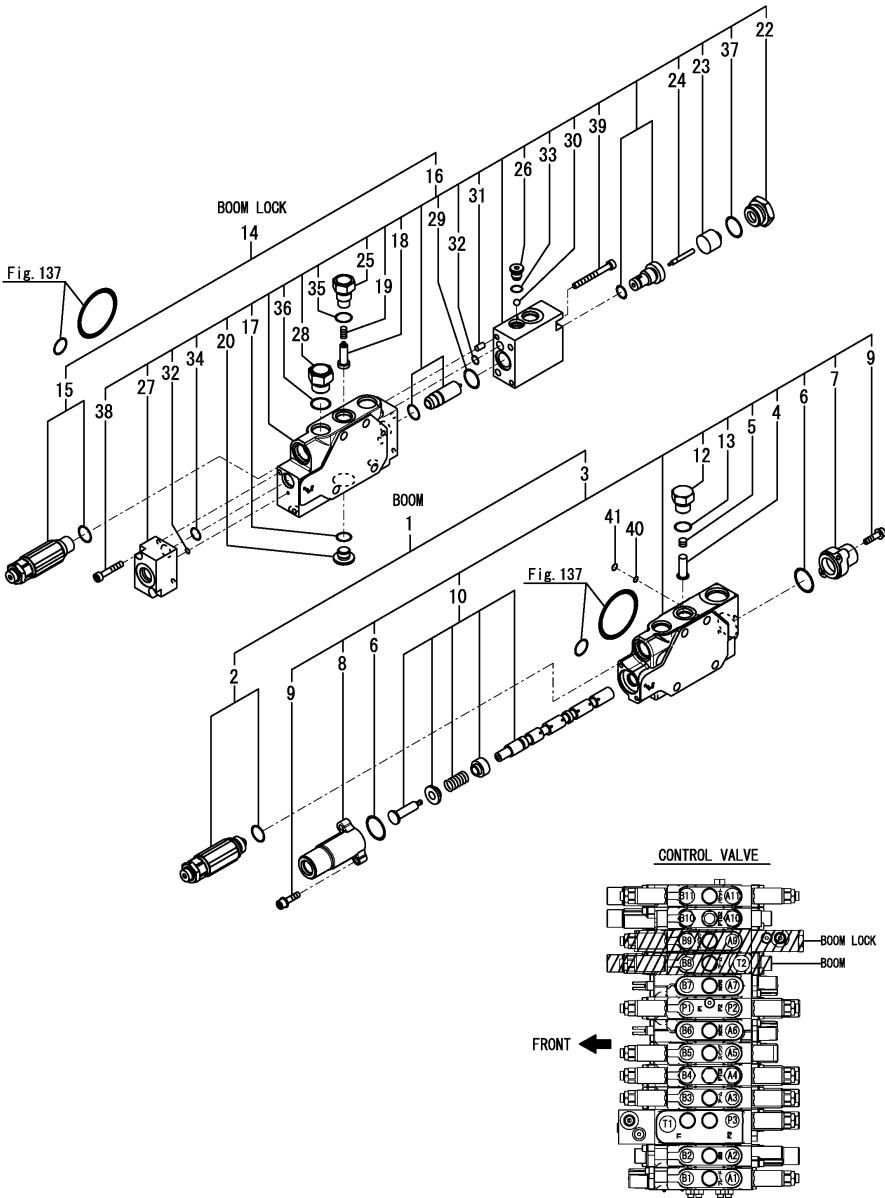
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74390	VALVE ASSY, BUCKET	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	2	2						
3	3	172B04-74400	SECTION ASSY, BUCKET	1	1						
4	4	172499-70180	VALVE ASSY, REVERSE	1	1						
5	4	172458-74150	VALVE, REVERSE	1	1						
6	4	172458-74160	SPRING, VALVE	1	1						
7	4	172458-74230	O-RING	2	2						
8	4	172458-74240	COVER, PILOT	1	1						
9	4	172458-74250	COVER, PILOT	1	1						
10	4	172458-74260	BOLT	4	4						
11	4	172173-74280	SPRING	1	1						
12	4	172A78-74370	SPOOL ASSY, BUCKET	1	1						
14	4	172458-74630	STAY, VALVE	1	1						
15	4	172A47-74950	O-RING	1	1						
16	4	172A47-74970	STAY, VALVE	1	1						
17	4	24315-000110	O-RING, 1BP11.0	1	1						
18	2	172A78-74590	SECTION ASSY, PTO	1	1						
19	3	172A78-74490	SECTION ASSY, PTO	1	1						
20	4	172458-74230	O-RING	2	2						
21	4	172458-74240	COVER, PILOT	1	1						
22	4	172458-74250	COVER, PILOT	1	1						
23	4	172458-74260	BOLT	4	4						
24	4	172490-74310	VALVE, REVERSE	1	1						
25	4	172490-74320	SPRING, VALVE	1	1						
26	4	172490-74330	STAY, VALVE	1	1						
27	4	172A78-74360	SPOOL ASSY, PTO	1	1						
29	4	172A47-75620	STAY, VALVE	2	2						
30	4	24315-000110	O-RING, 1BP11.0	1	1						
31	4	24315-000140	O-RING, 1BP14.0	2	2						
32	3	172A47-75460	PLUG ASSY, VALVE	2	2						
33	2	172458-74720	O-RING	12	12						
34	2	172A47-75450	BOLT	4	4						
35	2	24311-000200	O-RING, 1AP20.0	12	12						
36	2	26716-080002	NUT, M8	4	4						



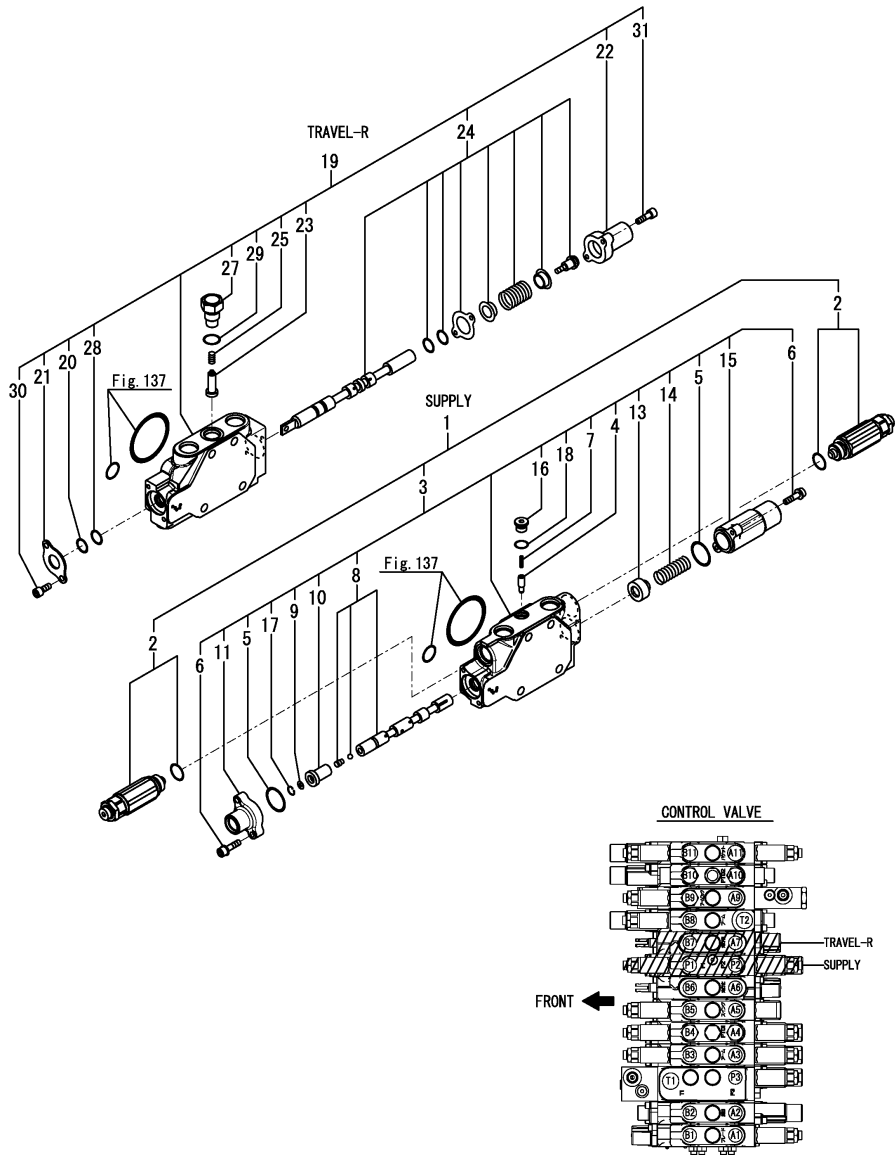
Remarks
* Not applied for angle blade specification.

Fig.138. CONTROL VALVE(3/8)



Remarks
* Not applied for angle blade specification.

OCK50-M01380 Fig.138									
(A)=VIO50-6A P(US) (D)=									
(B)=VIO50-6A C(US) (E)=									
(C)= (F)=									
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	2	172B04-74350	VALVE ASSY, BOOM	1	1				
2	3	172A48-74200	VALVE ASSY, OVERLOAD	1	1				
3	3	172B04-74360	SECTION ASSY, BOOM	1	1				
4	4	172458-74150	VALVE, REVERSE	1	1				
5	4	172458-74160	SPRING, VALVE	1	1				
6	4	172458-74230	O-RING	2	2				
7	4	172458-74240	COVER, PILOT	1	1				
8	4	172458-74250	COVER, PILOT	1	1				
9	4	172458-74260	BOLT	4	4				
10	4	172B04-74370	SPOOL ASSY, BOOM	1	1				
12	4	172458-74630	STAY, VALVE	1	1				
13	4	24315-000110	O-RING, 1BP11.0	1	1				
14	2	172B02-74890	VALVE ASSY, LOCK	1	1				
15	3	172456-74440	VALVE, RELIEF	1	1				
16	3	172B02-74450	SECTION ASSY, LOCK	1	1				
17	4	172A47-74270	O-RING	1	1				
18	4	172458-74290	VALVE, REVERSE	1	1				
19	4	172458-74360	SPRING, VALVE	1	1				
20	4	172A47-74460	PLUG	1	1				
22	4	172A47-74560	BUSH PF1/2X1/4	1	1				
23	4	172A47-74570	PISTON B	1	1				
24	4	172A47-74580	PISTON A1	1	1				
25	4	172458-74640	STAY, VALVE	1	1				
26	4	172A47-74920	HOLDER, BALL	1	1				
27	4	172A47-74930	BODY, DISCHARGE	1	1				
28	4	172A47-75620	STAY, VALVE	1	1				
29	4	172A47-75680	O-RING	1	1				
30	4	172A47-75690	BALL, STEEL	1	1				
31	4	22312-050100	PIN, PARALLEL M5X10	2	2				
32	4	24311-000060	O-RING, 1AP6.0	2	2				
33	4	24315-000080	O-RING, 1BP8.0	1	1				
34	4	24315-000100	O-RING, 1BP10.0	1	1				
35	4	24315-000110	O-RING, 1BP11.0	1	1				
36	4	24315-000140	O-RING, 1BP14.0	1	1				
37	4	24315-000180	O-RING, 1BP18.0	1	1				
38	4	26450-050302	BOLT, M5X 30	2	2				
39	4	26450-060652	BOLT, M6X 65	2	2				
40	2	24315-000090	O-RING, 1BP9.0	1	1				
41	2	24315-000100	O-RING, 1BP10.0	1	1				



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

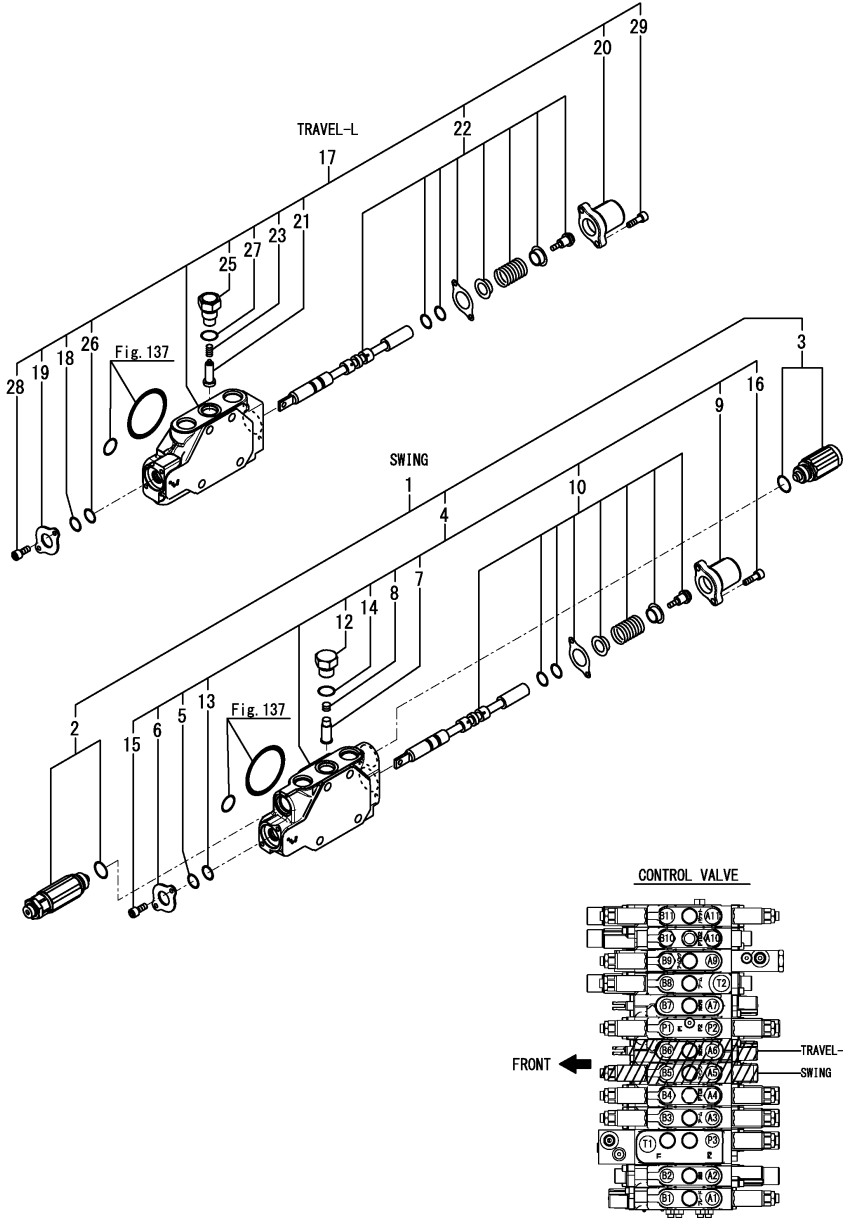
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A79-74240	SECTION ASSY, INLET	1	1						
2	3	172A48-74210	VALVE ASSY, RELIEF	2	2						
3	3	172A78-74450	SECTION ASSY, INLET	1	1						
4	4	172499-70180	VALVE ASSY, REVERSE	1	1						
5	4	172458-74230	O-RING	2	2						
6	4	172458-74260	BOLT	4	4						
7	4	172173-74280	SPRING	1	1						
8	4	172A47-74350	SPOOL ASSY,INLET	1	1						
9	4	172A47-74360	FILTER	1	1						
10	4	172A47-74370	PISTON	1	1						
11	4	172A47-74380	COVER, PILOT	1	1						
13	4	172458-74530	SEAT, SPRING	1	1						
14	4	172458-74540	SPRING, RETURN	1	1						
15	4	172458-74550	COVER, PILOT	1	1						
16	4	172458-74670	PLUG	1	1						
17	4	172A47-74980	CIRCLIP	1	1						
18	4	24315-000080	O-RING, 1BP8.0	1	1						
19	2	172B04-74320	SECTION ASSY,TRAVEL2	1	1						
20	3	172458-74130	WIPER, DUST	1	1						
21	3	172458-74140	RETAINER, SEAL	1	1						
22	3	172458-74170	CAP, SPRING	1	1						
23	3	172458-74290	VALVE, REVERSE	1	1						
24	3	172B04-74330	SPOOL ASSY, TRAVEL	1	1						
25	3	172458-74360	SPRING, VALVE	1	1						
27	3	172458-74640	STAY, VALVE	1	1						
28	3	24311-000120	O-RING, 1AP12.0	1	1						
29	3	24315-000110	O-RING, 1BP11.0	1	1						
30	3	26450-050102	BOLT, M5X 10	2	2						
31	3	26450-050182	BOLT, M5X 18	2	2						

Remarks

* Not applied for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

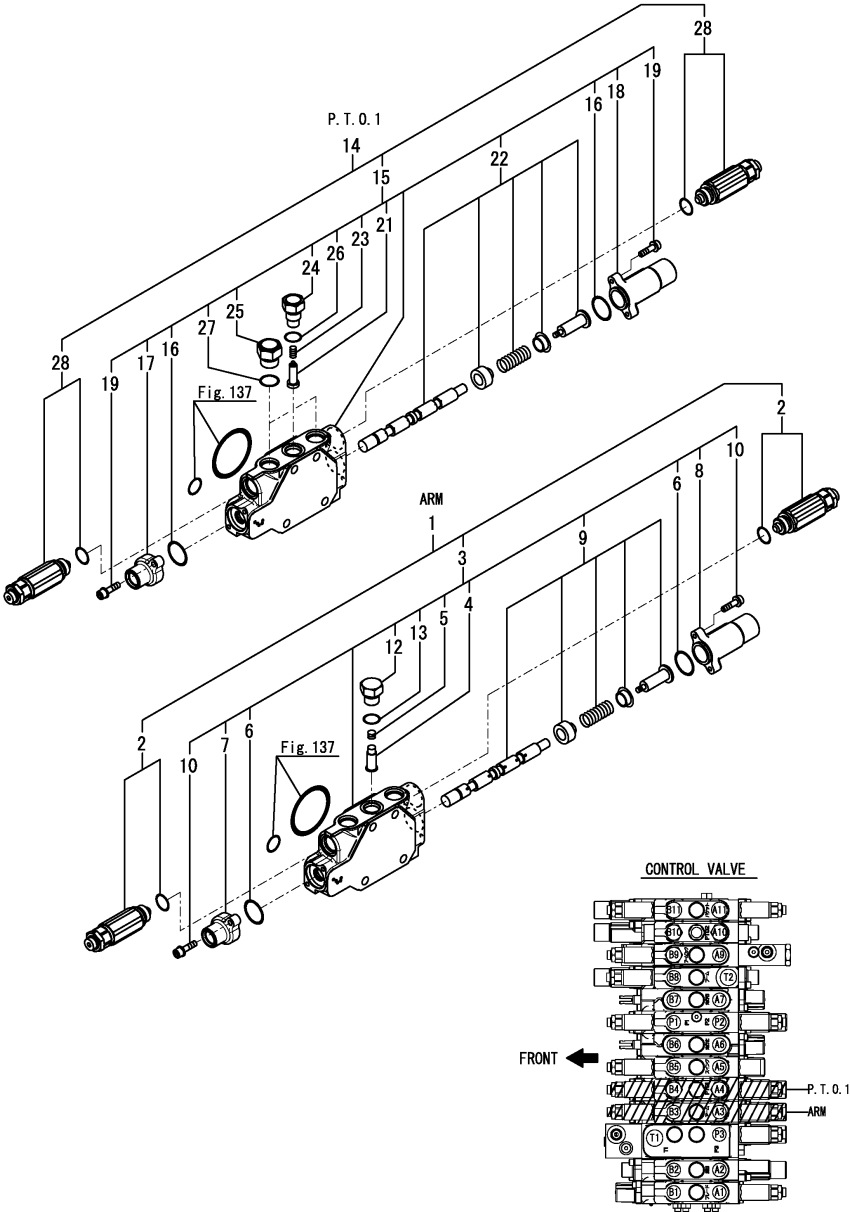
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74270	VALVE ASSY, B SWING	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	1	1						
3	3	172447-74230	ANTI-CAVITATION	1	1						
4	3	172B04-74280	SECTION ASSY,B SWING	1	1						
5	4	172458-74130	WIPER, DUST	1	1						
6	4	172458-74140	RETAINER, SEAL	1	1						
7	4	172458-74150	VALVE, REVERSE	1	1						
8	4	172458-74160	SPRING, VALVE	1	1						
9	4	172458-74170	CAP, SPRING	1	1						
10	4	172A78-74330	SPOOL ASSY, SWING	1	1						
12	4	172458-74630	STAY, VALVE	1	1						
13	4	24311-000120	O-RING, 1AP12.0	1	1						
14	4	24315-000110	O-RING, 1BP11.0	1	1						
15	4	26450-050102	BOLT, M5X 10	2	2						
16	4	26450-050182	BOLT, M5X 18	2	2						
17	2	172B04-74310	SECTION ASSY,TRAVEL1	1	1						
18	3	172458-74130	WIPER, DUST	1	1						
19	3	172458-74140	RETAINER, SEAL	1	1						
20	3	172458-74170	CAP, SPRING	1	1						
21	3	172458-74290	VALVE, REVERSE	1	1						
22	3	172B04-74330	SPOOL ASSY, TRAVEL	1	1						
23	3	172458-74360	SPRING, VALVE	1	1						
25	3	172458-74640	STAY, VALVE	1	1						
26	3	24311-000120	O-RING, 1AP12.0	1	1						
27	3	24315-000110	O-RING, 1BP11.0	1	1						
28	3	26450-050102	BOLT, M5X 10	2	2						
29	3	26450-050182	BOLT, M5X 18	2	2						

Remarks
* Not applied for angle blade specification.

Fig.141. CONTROL VALVE(6/8)



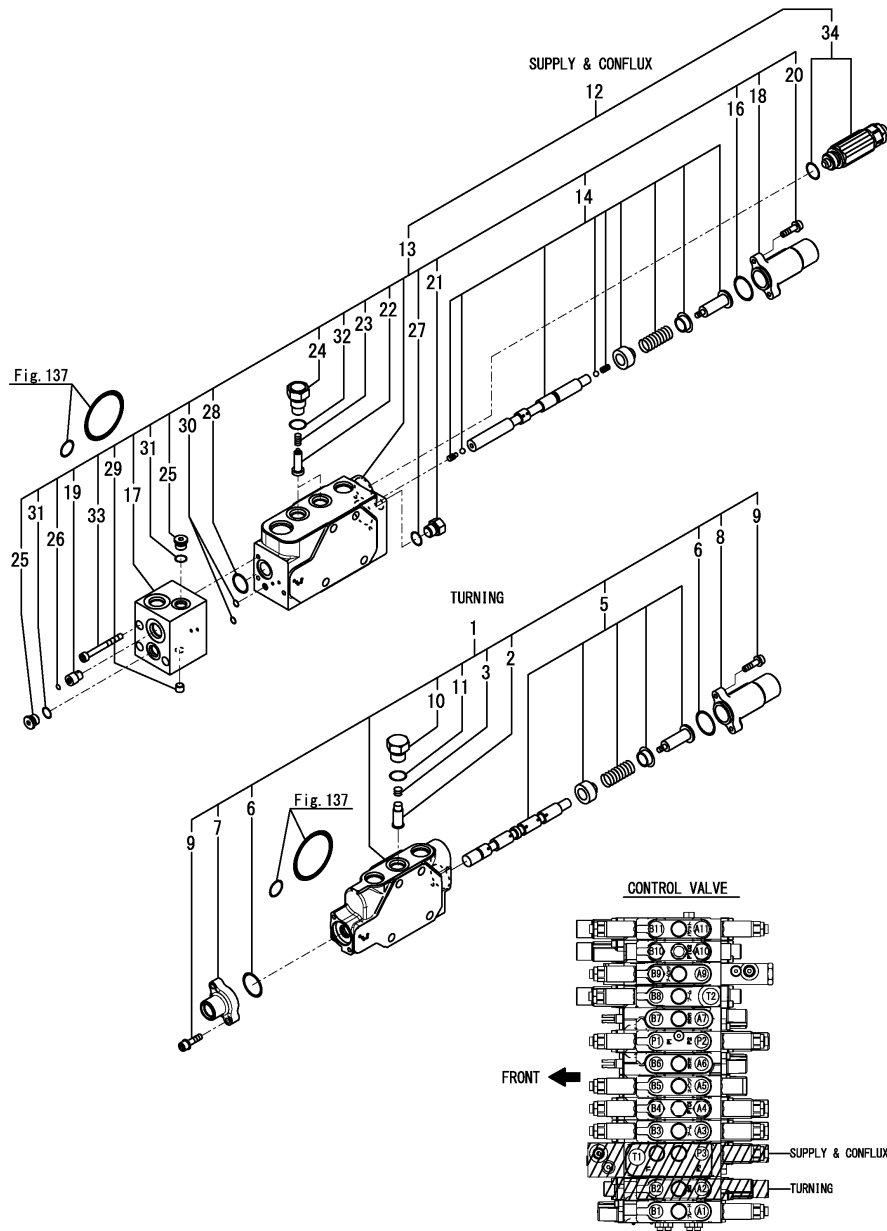
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74230	VALVE ASSY, ARM	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	2	2						
3	3	172B04-74240	SECTION ASSY, ARM	1	1						
4	4	172458-74150	VALVE, REVERSE	1	1						
5	4	172458-74160	SPRING, VALVE	1	1						
6	4	172458-74230	O-RING	2	2						
7	4	172458-74240	COVER, PILOT	1	1						
8	4	172458-74250	COVER, PILOT	1	1						
9	4	172B04-74250	SPOOL ASSY, ARM	1	1						
10	4	172458-74260	BOLT	4	4						
12	4	172458-74630	STAY, VALVE	1	1						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	2	172B04-74810	VALVE ASSY, PTO US	1	1						
15	3	172B02-74290	SECTION ASSY, PTO	1	1						
16	4	172458-74230	O-RING	2	2						
17	4	172458-74240	COVER, PILOT	1	1						
18	4	172458-74250	COVER, PILOT	1	1						
19	4	172458-74260	BOLT	4	4						
21	4	172490-74310	VALVE, REVERSE	1	1						
22	4	172B02-74310	SPOOL ASSY, PTO	1	1						
23	4	172490-74320	SPRING, VALVE	1	1						
24	4	172490-74330	STAY, VALVE	1	1						
25	4	172A47-75620	STAY, VALVE	2	2						
26	4	24315-000110	O-RING, 1BP11.0	1	1						
27	4	24315-000140	O-RING, 1BP14.0	2	2						
28	3	172B04-74820	RELIEF ASSY,ORV 19.1	2	2						

Remarks
* Not applied for angle blade specification.

Fig.142. CONTROL VALVE(7/8)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74190	SECTION ASSY, SWING	1	1						
2	3	172458-74150	VALVE, REVERSE	1	1						
3	3	172458-74160	SPRING, VALVE	1	1						
5	3	172B04-74200	SPOOL ASSY, SWING	1	1						
6	3	172458-74230	O-RING	2	2						
7	3	172458-74240	COVER, PILOT	1	1						
8	3	172458-74250	COVER, PILOT	1	1						
9	3	172458-74260	BOLT	4	4						
10	3	172458-74630	STAY, VALVE	1	1						
11	3	24315-000110	O-RING, 1BP11.0	1	1						
12	2	172B04-74210	VALVE ASSY, CONFLUX	1	1						
13	3	172B03-74160	SECTION ASSY,CONFLUX	1	1						
14	4	172B03-74170	SPOOL ASSY, CONFLUX	1	1						
16	4	172458-74230	O-RING	1	1						
17	4	172B02-74240	BLOCK, PILOT	1	1						
18	4	172458-74250	COVER, PILOT	1	1						
19	4	172B02-74250	PLUG, THROTTLE	1	1						
20	4	172458-74260	BOLT	2	2						
21	4	172A47-74260	PLUG	1	1						
22	4	172458-74290	VALVE, REVERSE	2	2						
23	4	172458-74360	SPRING, VALVE	2	2						
24	4	172458-74640	STAY, VALVE	2	2						
25	4	172458-74670	PLUG	2	2						
26	4	172499-74860	FILTER	1	1						
27	4	172A47-74950	O-RING	1	1						
28	4	172A47-75680	O-RING	1	1						
29	4	172A47-75720	PLUG NPT1/16	1	1						
30	4	24315-000050	O-RING, 1BP5.0	2	2						
31	4	24315-000080	O-RING, 1BP8.0	2	2						
32	4	24315-000110	O-RING, 1BP11.0	2	2						
33	4	26450-050502	BOLT, M5X 50	3	3						
34	3	172B04-74460	RELIEF ASSY, 21.6	1	1						

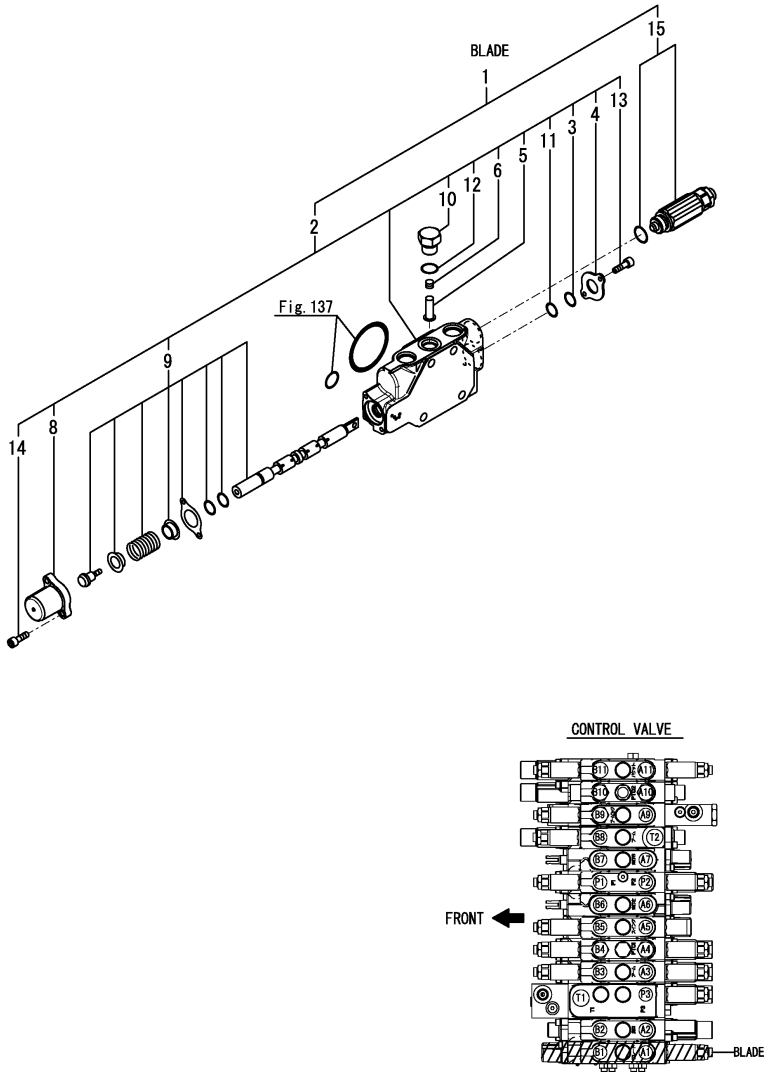
Remarks
* Not applied for angle blade specification.

Fig.143. CONTROL VALVE(8/8)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

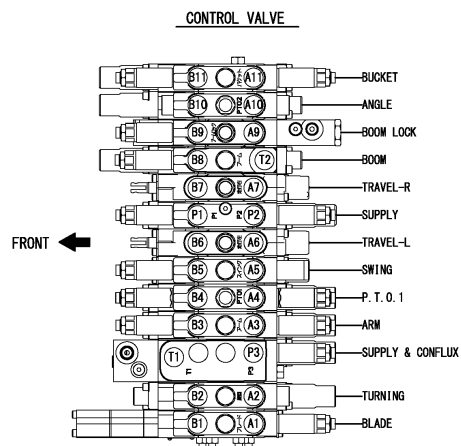
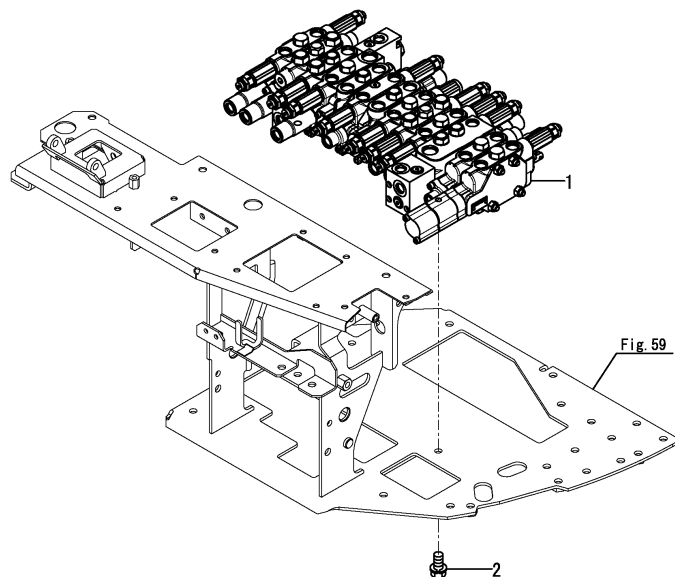
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74150	VALVE ASSY, BLADE	1	1						
2	3	172B04-74160	SECTION ASSY, BLADE	1	1						
3	4	172458-74130	WIPER, DUST	1	1						
4	4	172458-74140	RETAINER, SEAL	1	1						
5	4	172458-74150	VALVE, REVERSE	1	1						
6	4	172458-74160	SPRING, VALVE	1	1						
8	4	172458-74170	CAP, SPRING	1	1						
9	4	172B04-74170	SPOOL ASSY, BLADE	1	1						
10	4	172458-74630	STAY, VALVE	1	1						
11	4	24311-000120	O-RING, 1AP12.0	1	1						
12	4	24315-000110	O-RING, 1BP11.0	1	1						
13	4	26450-050102	BOLT, M5X 10	2	2						
14	4	26450-050182	BOLT, M5X 18	2	2						
15	3	172A47-75480	VALVE ASSY, OVERLOAD	1	1						



Remarks
* Not applied for angle blade specification.

Fig.144. CONTROL VALVE(1/8)(ANGLE BLADE SPEC.)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-74520	VALVE ASSY,CV ANG US	1	1						1
2	1	26013-100162	BOLT, M10X 16	3	3						

Remarks

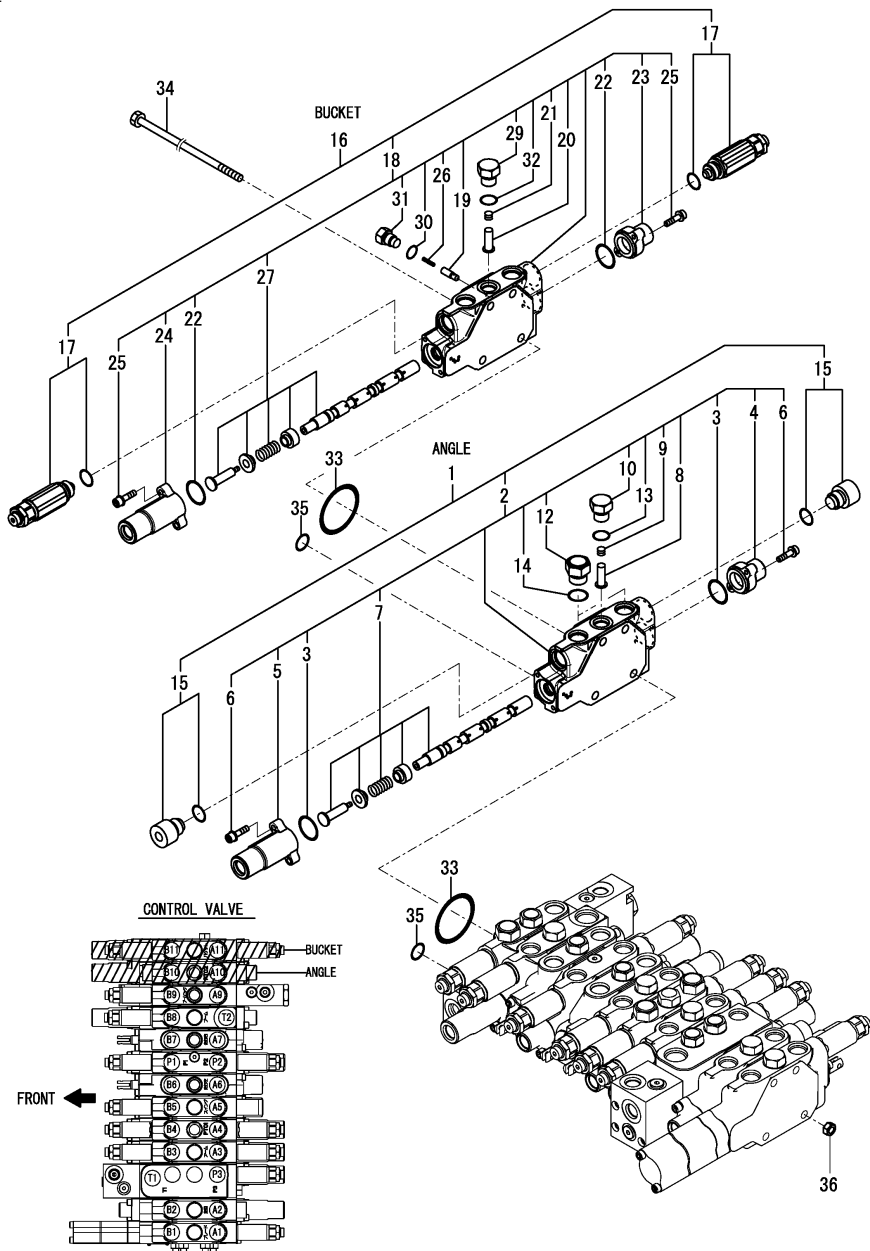
* Exclusive figure for angle blade specification.

(1) Inner parts are shown in Fig.151 from Fig.145.

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

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Fig.145. CONTROL VALVE(2/8)(ANGLE BLADE SPEC.)



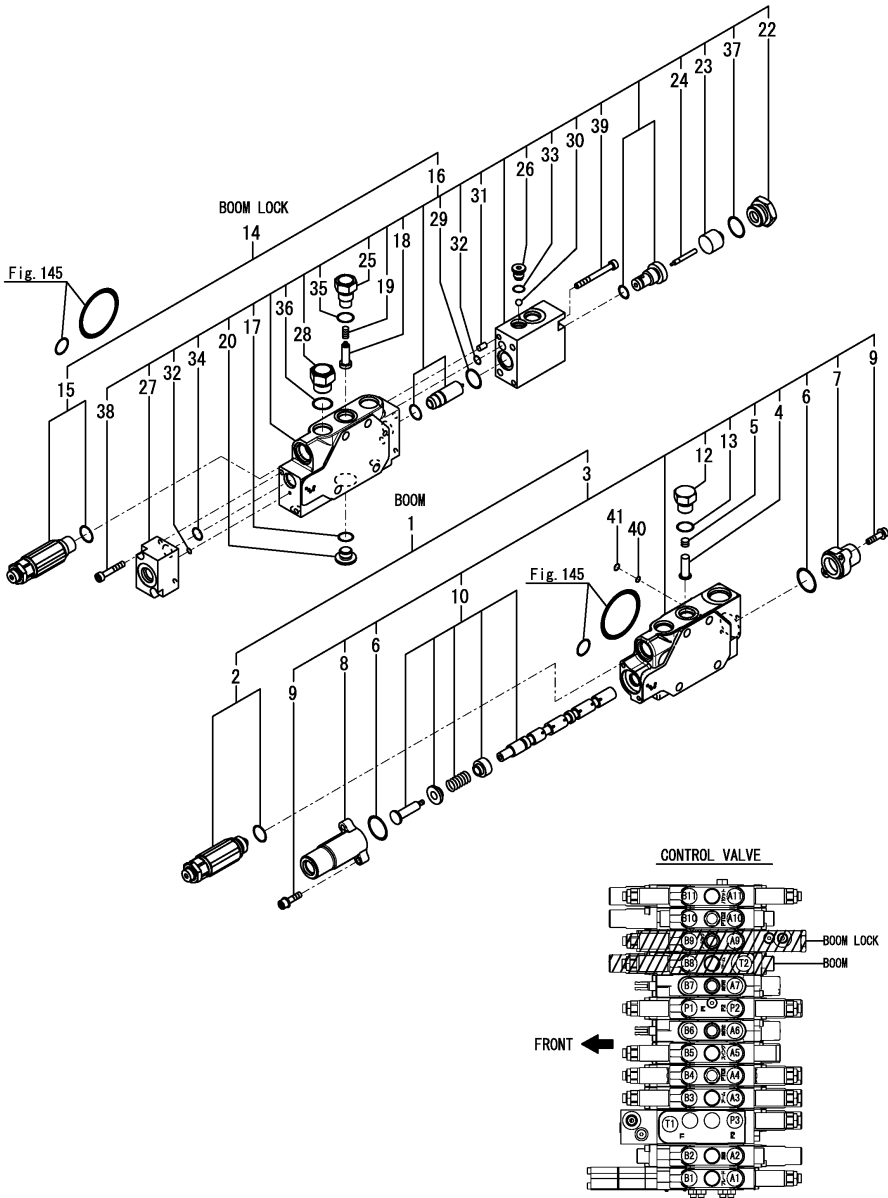
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B05-74250	VALVE ASSY, ANGLE	1	1						
2	3	172B05-74260	SECTION ASSY, ANGLE	1	1						
3	4	172458-74230	O-RING	2	2						
4	4	172458-74240	COVER, PILOT	1	1						
5	4	172458-74250	COVER, PILOT	1	1						
6	4	172458-74260	BOLT	4	4						
7	4	172B05-74270	SPOOL ASSY, ANGLE	1	1						
8	4	172490-74310	VALVE, REVERSE	1	1						
9	4	172490-74320	SPRING, VALVE	1	1						
10	4	172490-74330	STAY, VALVE	1	1						
12	4	172A47-75620	STAY, VALVE	2	2						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	4	24315-000140	O-RING, 1BP14.0	2	2						
15	3	172A47-75460	PLUG ASSY, VALVE	2	2						
16	2	172B04-74390	VALVE ASSY, BUCKET	1	1						
17	3	172A48-74200	VALVE ASSY, OVERLOAD	2	2						
18	3	172B04-74400	SECTION ASSY, BUCKET	1	1						
19	4	172499-70180	VALVE ASSY, REVERSE	1	1						
20	4	172458-74150	VALVE, REVERSE	1	1						
21	4	172458-74160	SPRING, VALVE	1	1						
22	4	172458-74230	O-RING	2	2						
23	4	172458-74240	COVER, PILOT	1	1						
24	4	172458-74250	COVER, PILOT	1	1						
25	4	172458-74260	BOLT	4	4						
26	4	172173-74280	SPRING	1	1						
27	4	172A78-74370	SPOOL ASSY, BUCKET	1	1						
29	4	172458-74630	STAY, VALVE	1	1						
30	4	172A47-74950	O-RING	1	1						
31	4	172A47-74970	STAY, VALVE	1	1						
32	4	24315-000110	O-RING, 1BP11.0	1	1						
33	2	172458-74720	O-RING	12	12						
34	2	172A47-75450	BOLT	4	4						
35	2	24311-000200	O-RING, 1AP20.0	12	12						
36	2	26716-080002	NUT, M8	4	4						

Remarks
* Exclusive figure for angle blade specification.

Fig.146. CONTROL VALVE(3/8)(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74350	VALVE ASSY, BOOM	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	1	1						
3	3	172B04-74360	SECTION ASSY, BOOM	1	1						
4	4	172458-74150	VALVE, REVERSE	1	1						
5	4	172458-74160	SPRING, VALVE	1	1						
6	4	172458-74230	O-RING	2	2						
7	4	172458-74240	COVER, PILOT	1	1						
8	4	172458-74250	COVER, PILOT	1	1						
9	4	172458-74260	BOLT	4	4						
10	4	172B04-74370	SPOOL ASSY, BOOM	1	1						
12	4	172458-74630	STAY, VALVE	1	1						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	2	172B02-74890	VALVE ASSY, LOCK	1	1						
15	3	172456-74440	VALVE, RELIEF	1	1						
16	3	172B02-74450	SECTION ASSY, LOCK	1	1						
17	4	172A47-74270	O-RING	1	1						
18	4	172458-74290	VALVE, REVERSE	1	1						
19	4	172458-74360	SPRING, VALVE	1	1						
20	4	172A47-74460	PLUG	1	1						
22	4	172A47-74560	BUSH PF1/2X1/4	1	1						
23	4	172A47-74570	PISTON B	1	1						
24	4	172A47-74580	PISTON A1	1	1						
25	4	172458-74640	STAY, VALVE	1	1						
26	4	172A47-74920	HOLDER, BALL	1	1						
27	4	172A47-74930	BODY, DISCHARGE	1	1						
28	4	172A47-75620	STAY, VALVE	1	1						
29	4	172A47-75680	O-RING	1	1						
30	4	172A47-75690	BALL, STEEL	1	1						
31	4	22312-050100	PIN, PARALLEL M5X10	2	2						
32	4	24311-000060	O-RING, 1AP6.0	2	2						
33	4	24315-000080	O-RING, 1BP8.0	1	1						
34	4	24315-000100	O-RING, 1BP10.0	1	1						
35	4	24315-000110	O-RING, 1BP11.0	1	1						
36	4	24315-000140	O-RING, 1BP14.0	1	1						
37	4	24315-000180	O-RING, 1BP18.0	1	1						
38	4	26450-050302	BOLT, M5X 30	2	2						
39	4	26450-060652	BOLT, M6X 65	2	2						
40	2	24315-000090	O-RING, 1BP9.0	1	1						
41	2	24315-000100	O-RING, 1BP10.0	1	1						

Remarks

* Exclusive figure for angle blade specification.

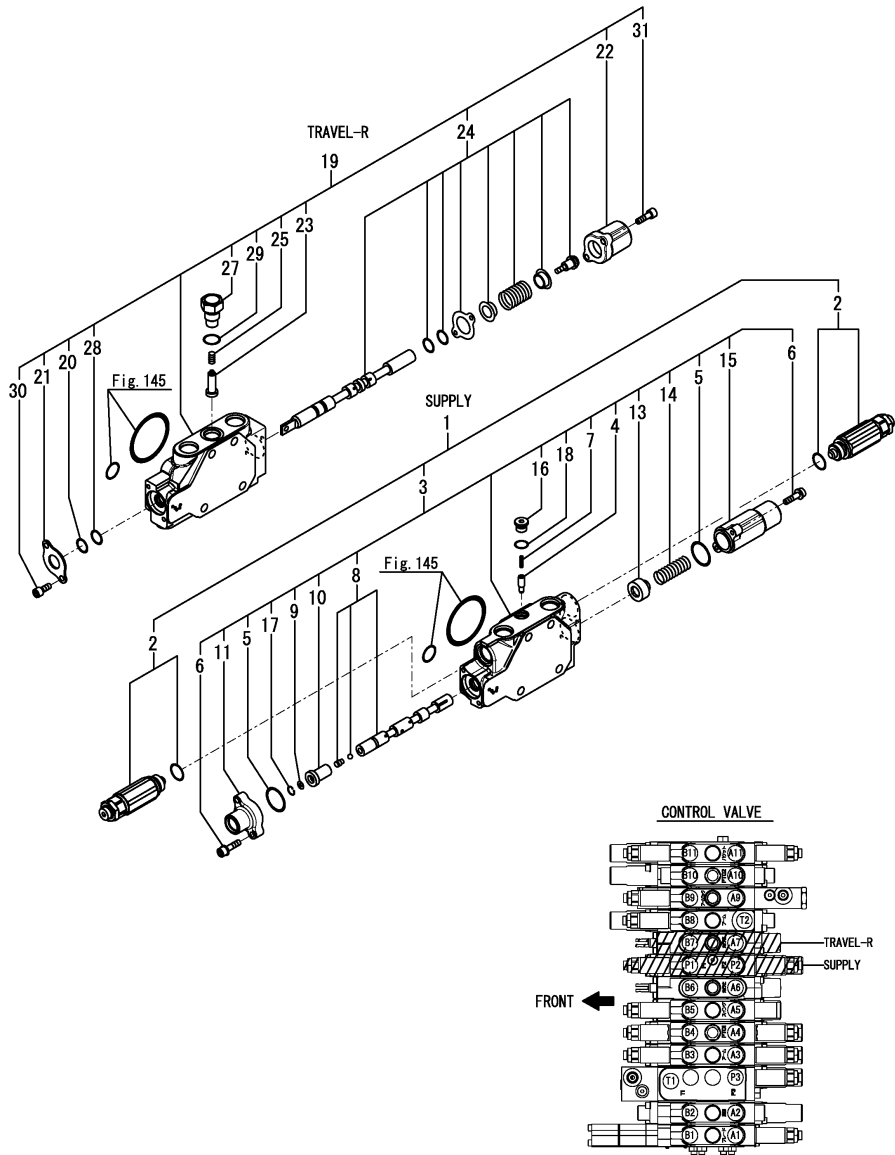
N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.147. CONTROL VALVE(4/8)(ANGLE BLADE SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

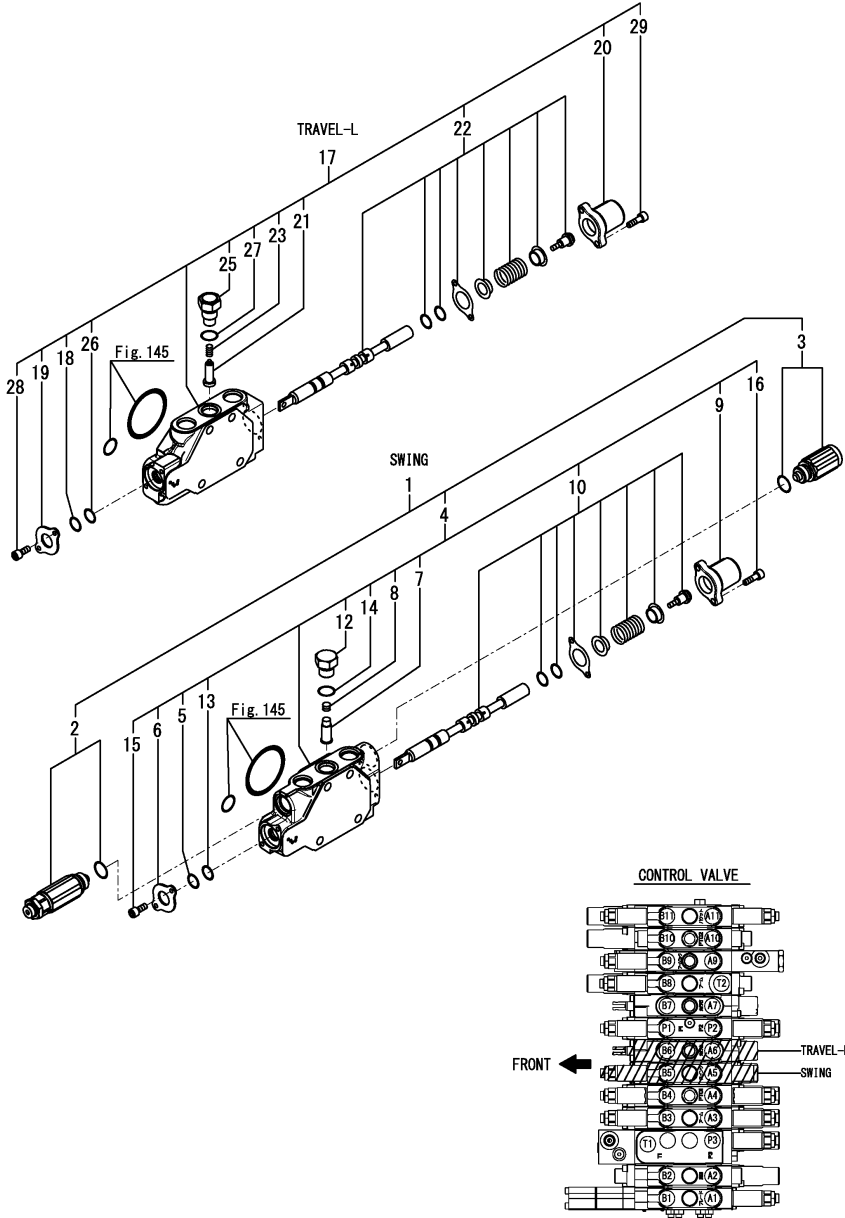
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A79-74240	SECTION ASSY, INLET	1	1						
2	3	172A48-74210	VALVE ASSY, RELIEF	2	2						
3	3	172A78-74450	SECTION ASSY, INLET	1	1						
4	4	172499-70180	VALVE ASSY, REVERSE	1	1						
5	4	172458-74230	O-RING	2	2						
6	4	172458-74260	BOLT	4	4						
7	4	172173-74280	SPRING	1	1						
8	4	172A47-74350	SPOOL ASSY,INLET	1	1						
9	4	172A47-74360	FILTER	1	1						
10	4	172A47-74370	PISTON	1	1						
11	4	172A47-74380	COVER, PILOT	1	1						
13	4	172458-74530	SEAT, SPRING	1	1						
14	4	172458-74540	SPRING, RETURN	1	1						
15	4	172458-74550	COVER, PILOT	1	1						
16	4	172458-74670	PLUG	1	1						
17	4	172A47-74980	CIRCLIP	1	1						
18	4	24315-000080	O-RING, 1BP8.0	1	1						
19	2	172B04-74320	SECTION ASSY,TRAVEL2	1	1						
20	3	172458-74130	WIPER, DUST	1	1						
21	3	172458-74140	RETAINER, SEAL	1	1						
22	3	172458-74170	CAP, SPRING	1	1						
23	3	172458-74290	VALVE, REVERSE	1	1						
24	3	172B04-74330	SPOOL ASSY, TRAVEL	1	1						
25	3	172458-74360	SPRING, VALVE	1	1						
27	3	172458-74640	STAY, VALVE	1	1						
28	3	24311-000120	O-RING, 1AP12.0	1	1						
29	3	24315-000110	O-RING, 1BP11.0	1	1						
30	3	26450-050102	BOLT, M5X 10	2	2						
31	3	26450-050182	BOLT, M5X 18	2	2						



Remarks
* Exclusive figure for angle blade specification.

Fig.148. CONTROL VALVE(5/8)(ANGLE BLADE SPEC.)

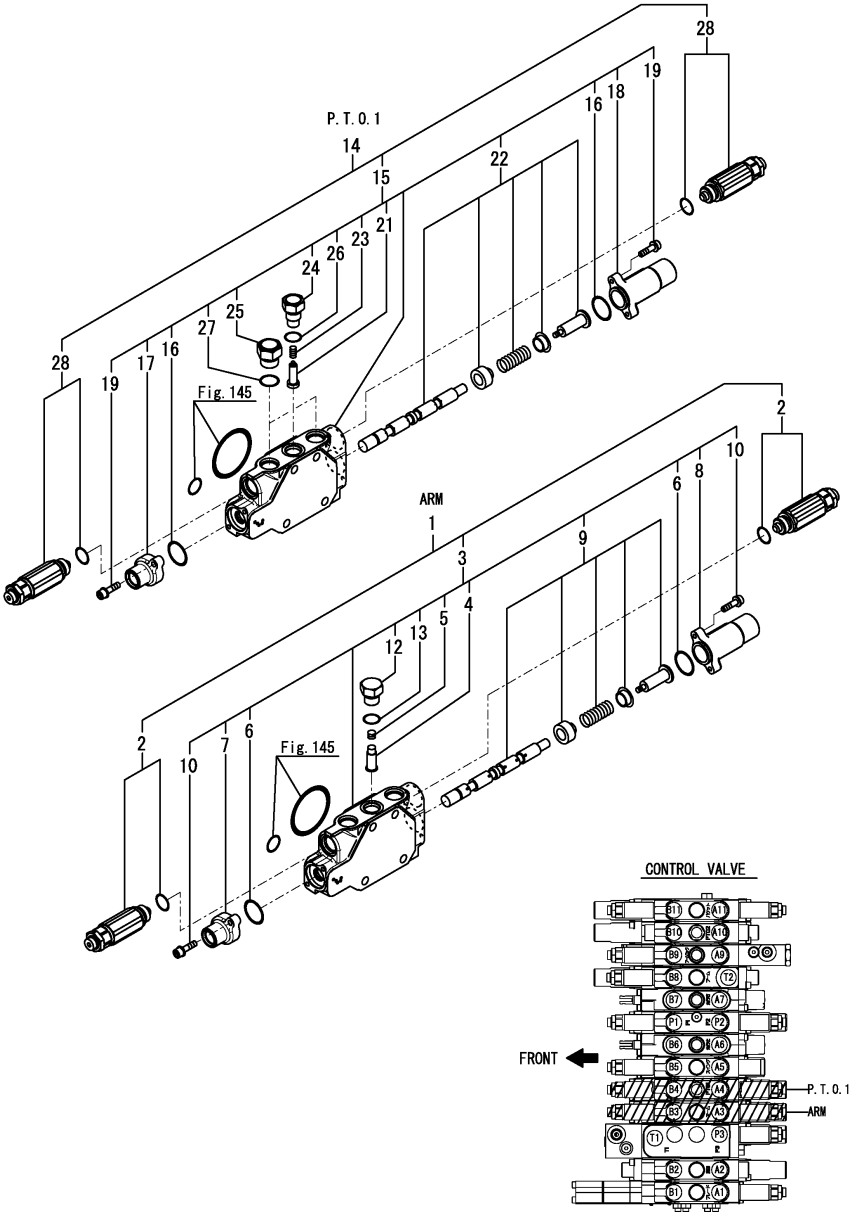


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74270	VALVE ASSY, B SWING	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	1	1						
3	3	172447-74230	ANTI-CAVITATION	1	1						
4	3	172B04-74280	SECTION ASSY,B SWING	1	1						
5	4	172458-74130	WIPER, DUST	1	1						
6	4	172458-74140	RETAINER, SEAL	1	1						
7	4	172458-74150	VALVE, REVERSE	1	1						
8	4	172458-74160	SPRING, VALVE	1	1						
9	4	172458-74170	CAP, SPRING	1	1						
10	4	172A78-74330	SPOOL ASSY, SWING	1	1						
12	4	172458-74630	STAY, VALVE	1	1						
13	4	24311-000120	O-RING, 1AP12.0	1	1						
14	4	24315-000110	O-RING, 1BP11.0	1	1						
15	4	26450-050102	BOLT, M5X 10	2	2						
16	4	26450-050182	BOLT, M5X 18	2	2						
17	2	172B04-74310	SECTION ASSY,TRAVEL1	1	1						
18	3	172458-74130	WIPER, DUST	1	1						
19	3	172458-74140	RETAINER, SEAL	1	1						
20	3	172458-74170	CAP, SPRING	1	1						
21	3	172458-74290	VALVE, REVERSE	1	1						
22	3	172B04-74330	SPOOL ASSY, TRAVEL	1	1						
23	3	172458-74360	SPRING, VALVE	1	1						
25	3	172458-74640	STAY, VALVE	1	1						
26	3	24311-000120	O-RING, 1AP12.0	1	1						
27	3	24315-000110	O-RING, 1BP11.0	1	1						
28	3	26450-050102	BOLT, M5X 10	2	2						
29	3	26450-050182	BOLT, M5X 18	2	2						

Remarks
* Exclusive figure for angle blade specification.

Fig.149. CONTROL VALVE(6/8)(ANGLE BLADE SPEC.)



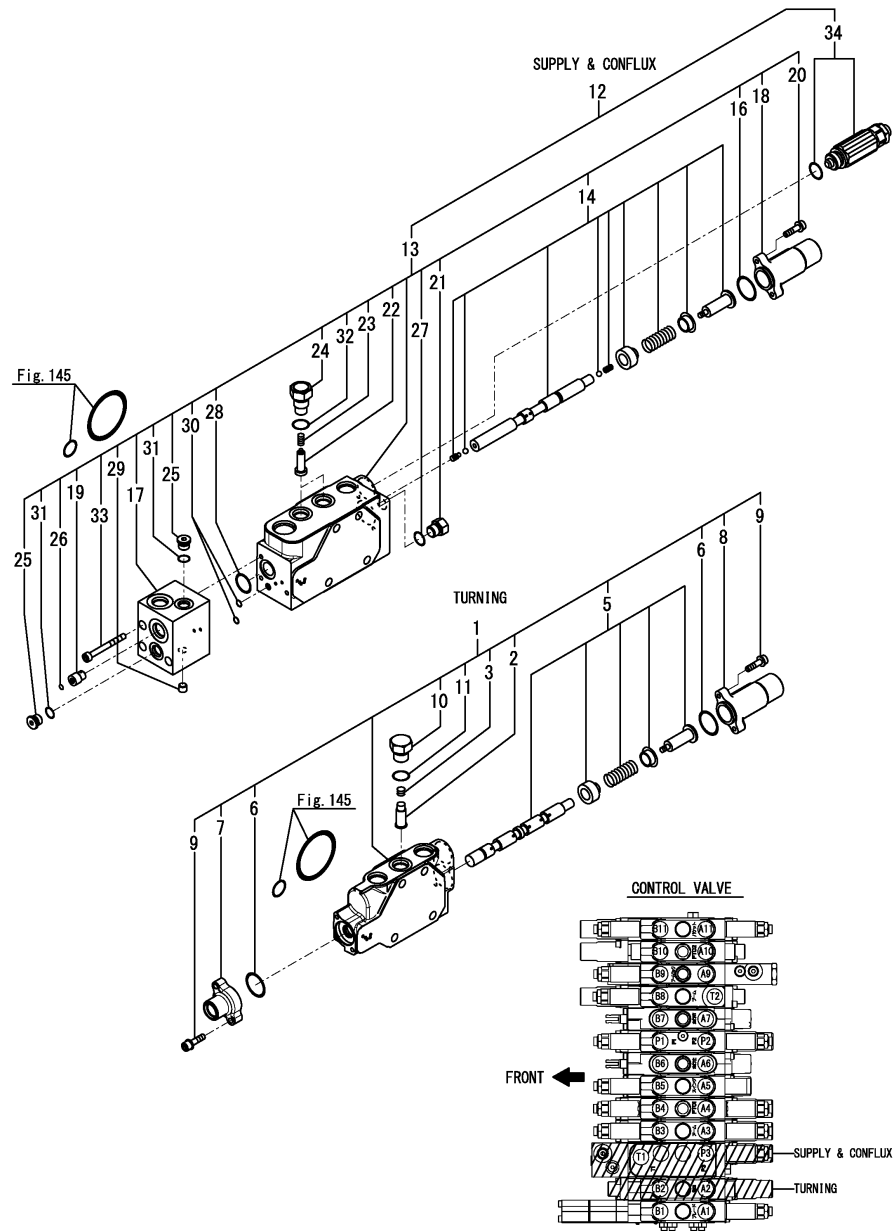
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B04-74230	VALVE ASSY, ARM	1	1						
2	3	172A48-74200	VALVE ASSY, OVERLOAD	2	2						
3	3	172B04-74240	SECTION ASSY, ARM	1	1						
4	4	172458-74150	VALVE, REVERSE	1	1						
5	4	172458-74160	SPRING, VALVE	1	1						
6	4	172458-74230	O-RING	2	2						
7	4	172458-74240	COVER, PILOT	1	1						
8	4	172458-74250	COVER, PILOT	1	1						
9	4	172B04-74250	SPOOL ASSY, ARM	1	1						
10	4	172458-74260	BOLT	4	4						
12	4	172458-74630	STAY, VALVE	1	1						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	2	172B04-74810	VALVE ASSY, PTO US	1	1						
15	3	172B02-74290	SECTION ASSY, PTO	1	1						
16	4	172458-74230	O-RING	2	2						
17	4	172458-74240	COVER, PILOT	1	1						
18	4	172458-74250	COVER, PILOT	1	1						
19	4	172458-74260	BOLT	4	4						
21	4	172490-74310	VALVE, REVERSE	1	1						
22	4	172B02-74310	SPOOL ASSY, PTO	1	1						
23	4	172490-74320	SPRING, VALVE	1	1						
24	4	172490-74330	STAY, VALVE	1	1						
25	4	172A47-75620	STAY, VALVE	2	2						
26	4	24315-000110	O-RING, 1BP11.0	1	1						
27	4	24315-000140	O-RING, 1BP14.0	2	2						
28	3	172B04-74820	RELIEF ASSY, ORV 19.1	2	2						

Remarks
* Exclusive figure for angle blade specification.

Fig.150. CONTROL VALVE(7/8)(ANGLE BLADE SPEC.)



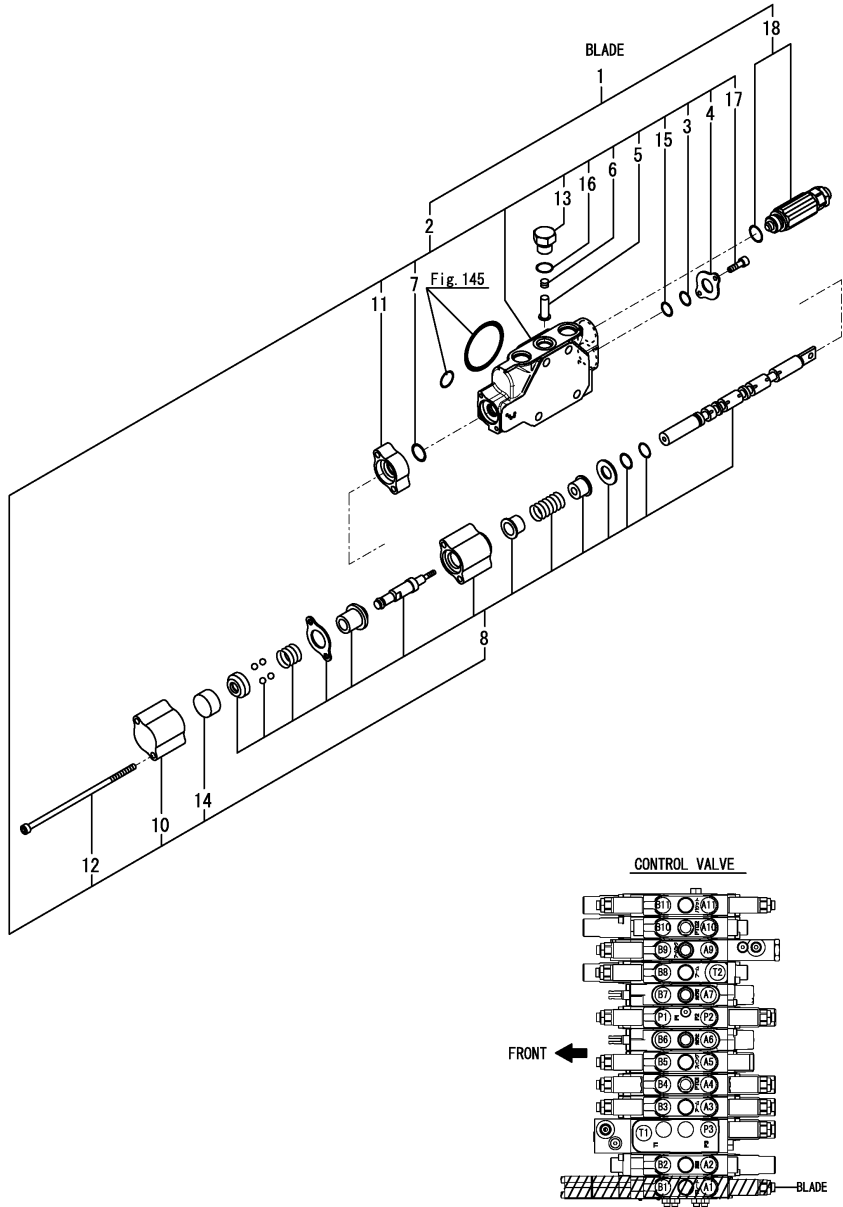
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B05-74180	SECTION ASSY,SWING F	1	1						
2	3	172458-74150	VALVE, REVERSE	1	1						
3	3	172458-74160	SPRING, VALVE	1	1						
5	3	172B04-74200	SPOOL ASSY, SWING	1	1						
6	3	172458-74230	O-RING	2	2						
7	3	172458-74240	COVER, PILOT	1	1						
8	3	172458-74250	COVER, PILOT	1	1						
9	3	172458-74260	BOLT	4	4						
10	3	172458-74630	STAY, VALVE	1	1						
11	3	24315-000110	O-RING, 1BP11.0	1	1						
12	2	172B04-74210	VALVE ASSY, CONFLUX	1	1						
13	3	172B03-74160	SECTION ASSY,CONFLUX	1	1						
14	4	172B03-74170	SPOOL ASSY, CONFLUX	1	1						
16	4	172458-74230	O-RING	1	1						
17	4	172B02-74240	BLOCK, PILOT	1	1						
18	4	172458-74250	COVER, PILOT	1	1						
19	4	172B02-74250	PLUG, THROTTLE	1	1						
20	4	172458-74260	BOLT	2	2						
21	4	172A47-74260	PLUG	1	1						
22	4	172458-74290	VALVE, REVERSE	2	2						
23	4	172458-74360	SPRING, VALVE	2	2						
24	4	172458-74640	STAY, VALVE	2	2						
25	4	172458-74670	PLUG	2	2						
26	4	172499-74860	FILTER	1	1						
27	4	172A47-74950	O-RING	1	1						
28	4	172A47-75680	O-RING	1	1						
29	4	172A47-75720	PLUG NPT1/16	1	1						
30	4	24315-000050	O-RING, 1BP5.0	2	2						
31	4	24315-000080	O-RING, 1BP8.0	2	2						
32	4	24315-000110	O-RING, 1BP11.0	2	2						
33	4	26450-050502	BOLT, M5X 50	3	3						
34	3	172B04-74460	RELIEF ASSY, 21.6	1	1						

Remarks
* Exclusive figure for angle blade specification.

Fig.151. CONTROL VALVE(8/8)(ANGLE BLADE SPEC.)



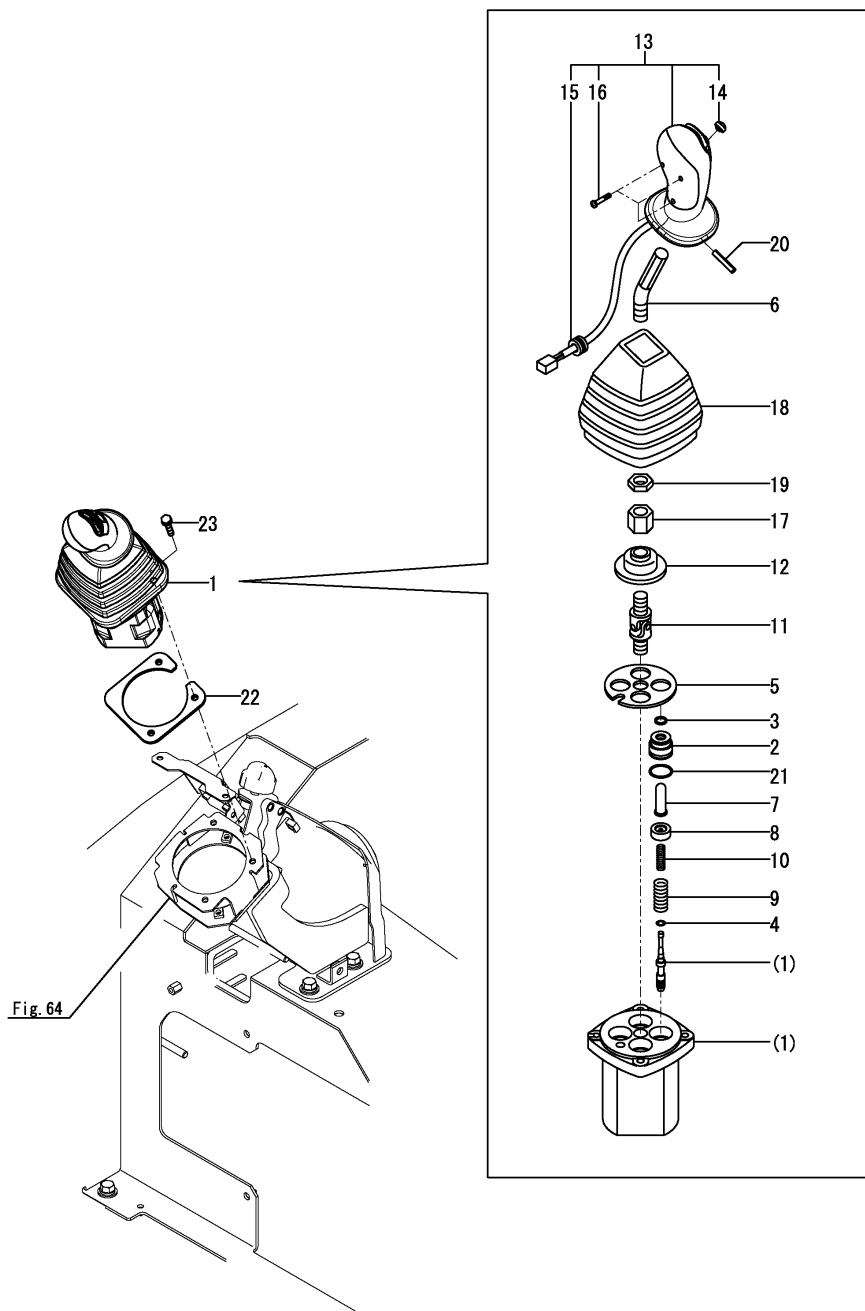
Remarks
* Exclusive figure for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B05-74310	VALVE ASSY, BLADE FL	1	1						
2	3	172B05-74320	SECTION ASSY,BLADE F	1	1						
3	4	172458-74130	WIPER, DUST	1	1						
4	4	172458-74140	RETAINER, SEAL	1	1						
5	4	172458-74150	VALVE, REVERSE	1	1						
6	4	172458-74160	SPRING, VALVE	1	1						
7	4	172458-74230	O-RING	1	1						
8	4	172B05-74330	SPOOL ASSY, BLADE FL	1	1						
10	4	172B05-74350	COVER, RETURN SPRING	1	1						
11	4	172B05-74360	CASE, SEAL	1	1						
12	4	172B05-74370	BOLT, SOCKET M5X100	2	2						
13	4	172458-74630	STAY, VALVE	1	1						
14	4	172531-74710	STOPPER	1	1						
15	4	24311-000120	O-RING, 1AP12.0	1	1						
16	4	24315-000110	O-RING, 1BP11.0	1	1						
17	4	26450-050102	BOLT, M5X 10	2	2						
18	3	172A47-75480	VALVE ASSY, OVERLOAD	1	1						

Fig.152. REMOTE CONTROL VALVE(RIGHT)

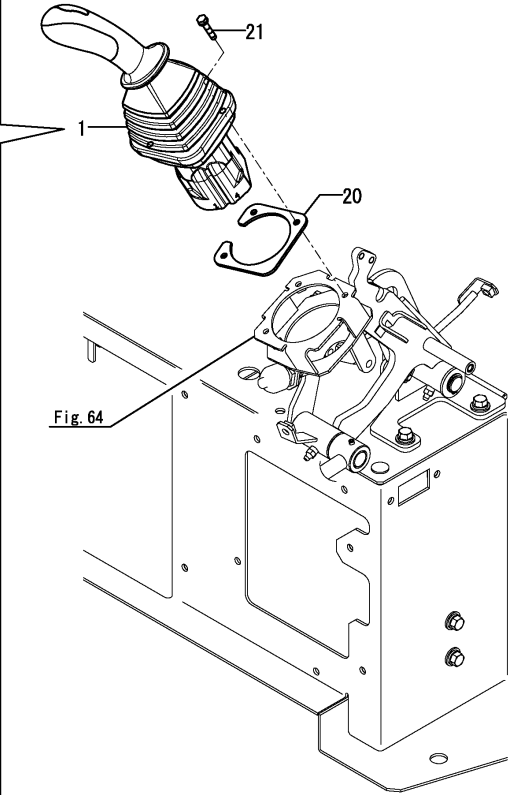
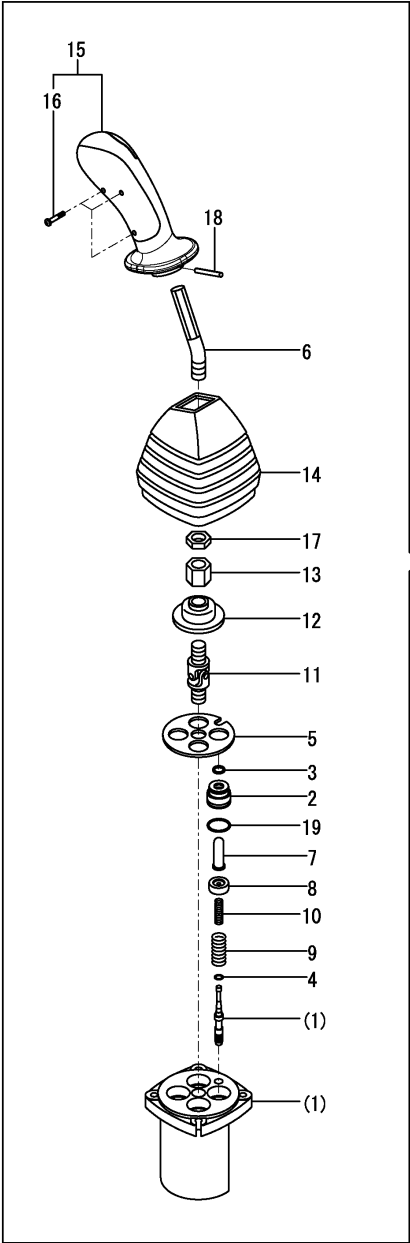


No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74530	VALVE ASSY,R-PB	1	1						
2	2	172151-73400	PLUG	4	4						
3	2	172151-73420	SEAL	4	4						
4	2	172151-73450	WASHER	4	4						
5	2	172A64-74590	PLATE	1	1						
6	2	172B03-74590	LEVER	1	1						
7	2	172A64-74600	ROD,PUSH	4	4						
8	2	172A64-74610	SEAT, SPRING	4	4						
9	2	172A64-74620	SPRING	4	4						
10	2	172A64-74630	SPRING	4	4						
11	2	172A64-74640	JOINT	1	1						
12	2	172A64-74650	PLATE	1	1						
13	2	172B03-74650	HANDLE ASSY,PB	1	1						
14	3	172B03-74660	COVER, SWITCH	1	1						
15	3	172A64-74670	BUSH	1	1						
16	3	22853-300161	SCREW, 3.0 X 16	3	3						
17	2	172A64-74660	NUT	1	1						
18	2	172A64-74680	BELLOWS	1	1						
19	2	172A64-74900	NUT, LOCK	1	1						
20	2	172A64-74930	PIN,SPRING	1	1						
21	2	24315-000200	O-RING, 1BP20.0	4	4						
22	1	172A78-74651	PLATE,VALVE	1	1						
23	1	26014-060352	BOLT, M6X 35	3	3						

Fig.153. REMOTE CONTROL VALVE(LEFT)

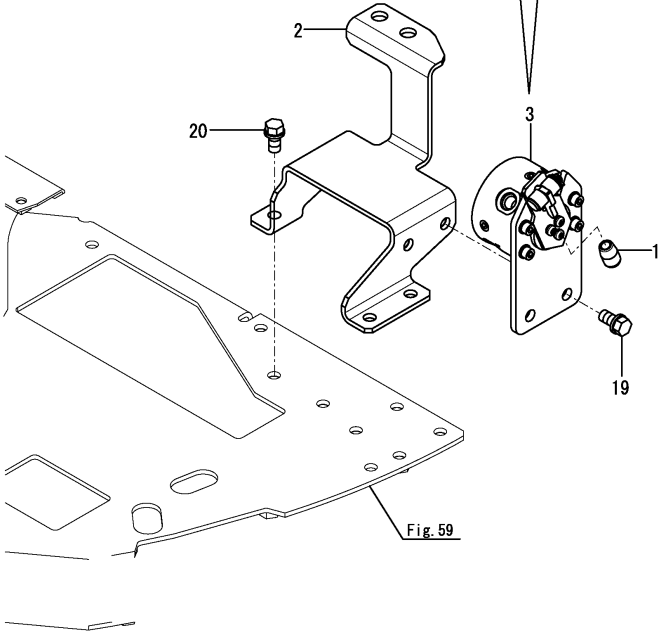
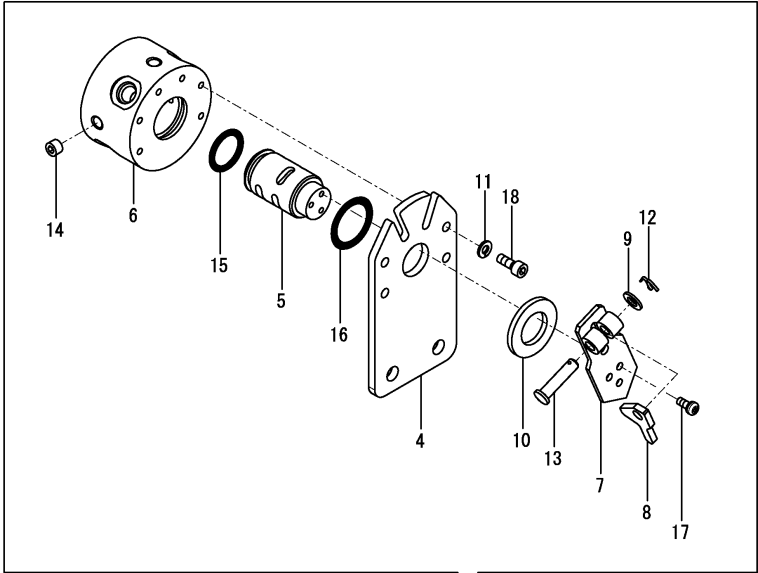
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74560	VALVE ASSY,L-N	1	1						
2	2	172151-73400	PLUG	4	4						
3	2	172151-73420	SEAL	4	4						
4	2	172151-73450	WASHER	4	4						
5	2	172A64-74590	PLATE	1	1						
6	2	172B03-74590	LEVER	1	1						
7	2	172A64-74600	ROD,PUSH	4	4						
8	2	172A64-74610	SEAT, SPRING	4	4						
9	2	172A64-74620	SPRING	4	4						
10	2	172A64-74630	SPRING	4	4						
11	2	172A64-74640	JOINT	1	1						
12	2	172A64-74650	PLATE	1	1						
13	2	172A64-74660	NUT	1	1						
14	2	172A64-74680	BELLOWS	1	1						
15	2	172B03-74680	HANDLE ASSY,N	1	1						
16	3	22853-300161	SCREW, 3.0 X 16	3	3						
17	2	172A64-74900	NUT, LOCK	1	1						
18	2	172A64-74930	PIN,SPRING	1	1						
19	2	24315-000200	O-RING, 1BP20.0	4	4						
20	1	172A78-74651	PLATE,VALVE	1	1						
21	1	26014-060352	BOLT, M6X 35	3	3						

Fig.154. 2-WAY VALVE



Remarks
* Not applied for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

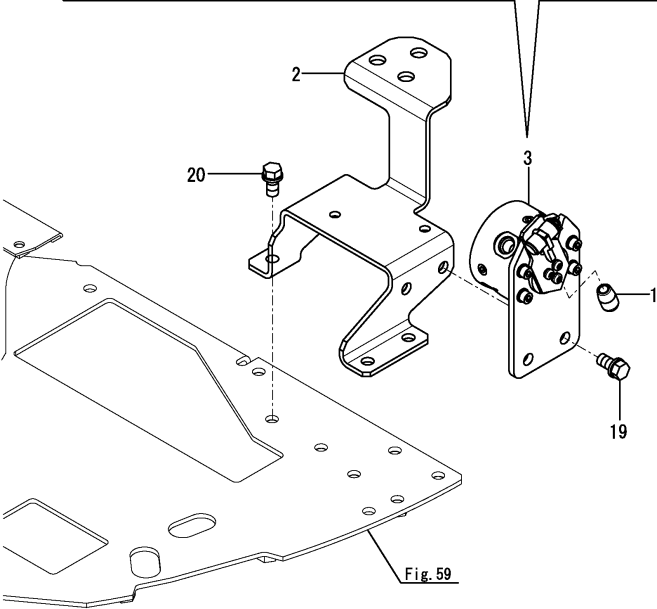
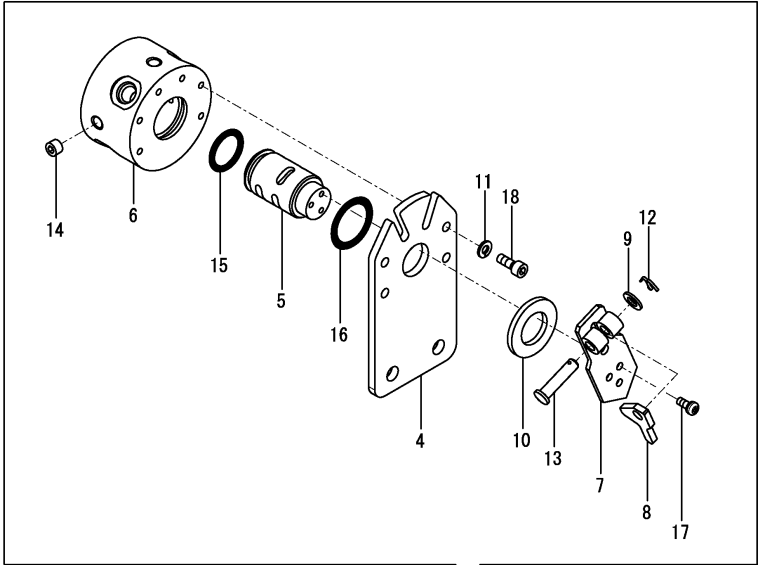
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172157-58830	KNOB, 6.5X18X35	1	1						
2	1	172B03-74370	BRACKET ASSY, 2WAY	1	1						
3	1	172B03-74700	VALVE ASSY, 2-WAY	1	1						
4	2	172B03-74420	STAY, 2WAY	1	1						
5	2	172437-74711	SHAFT	1	1						
6	2	172437-74720	BLOCK, VALVE	1	1						
7	2	172A36-74750	LEVER	1	1						
8	2	172A36-74780	PLATE, LOCK	1	1						
9	2	22117-080000	WASHER, 8	1	1						
10	2	22137-240000	WASHER, 24	1	1						
11	2	22217-060000	WASHER, SPRING 6	4	4						
12	2	22417-200160	PIN, COTTER 2.0X16	1	1						
13	2	22487-080300	PIN, 8X 30	1	1						
14	2	23871-010000	PLUG, R01	4	4						
15	2	24311-000250	O-RING, 1AP25.0	1	1						
16	2	24311-000320	O-RING, 1AP32.0	1	1						
17	2	26022-050122	SCREW, M5X12	3	3						
18	2	26450-060162	BOLT, M6X 16	4	4						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	26013-100202	BOLT, M10X 20	3	3						

Fig.155. 2-WAY VALVE(ANGLE BLADE SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



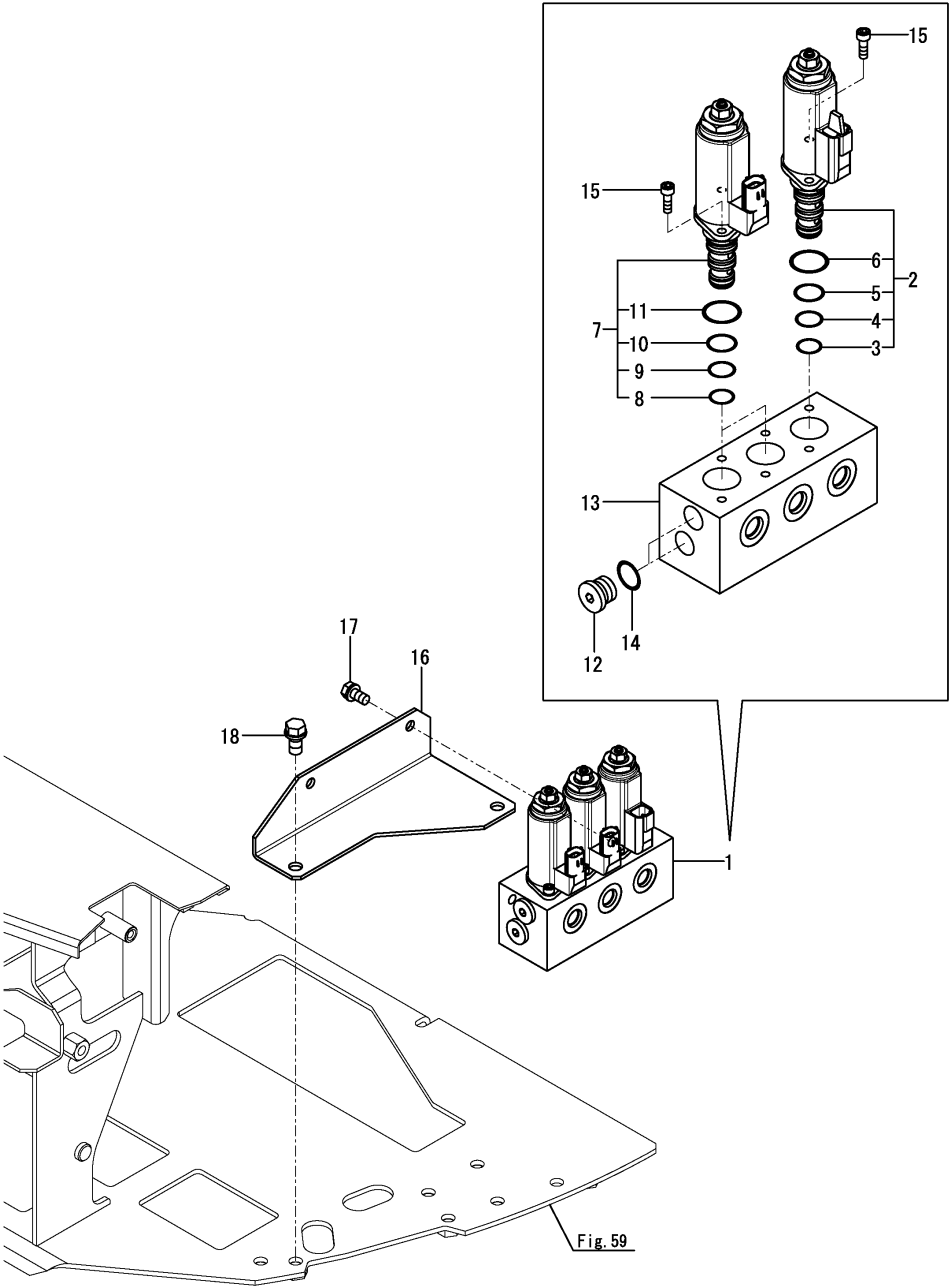
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172157-58830	Knob, 6.5X18X35	1	1						
2	1	172B03-74441	BRACKET ASSY,2WAY A	1	1						
3	1	172B03-74700	VALVE ASSY, 2-WAY	1	1						
4	2	172B03-74420	STAY, 2WAY	1	1						
5	2	172437-74711	SHAFT	1	1						
6	2	172437-74720	BLOCK,VALVE	1	1						
7	2	172A36-74750	LEVER	1	1						
8	2	172A36-74780	PLATE,LOCK	1	1						
9	2	22117-080000	WASHER, 8	1	1						
10	2	22137-240000	WASHER, 24	1	1						
11	2	22217-060000	WASHER, SPRING 6	4	4						
12	2	22417-200160	PIN, COTTER 2.0X16	1	1						
13	2	22487-080300	PIN, 8X 30	1	1						
14	2	23871-010000	PLUG, R01	4	4						
15	2	24311-000250	O-RING, 1AP25.0	1	1						
16	2	24311-000320	O-RING, 1AP32.0	1	1						
17	2	26022-050122	SCREW, M5X12	3	3						
18	2	26450-060162	BOLT, M6X 16	4	4						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	26013-100202	BOLT, M10X 20	3	3						

Remarks
* Exclusive figure for angle blade specification.

Fig.156. SOLENOID VALVE(P.T.O.)(E.S.S. SPEC.)

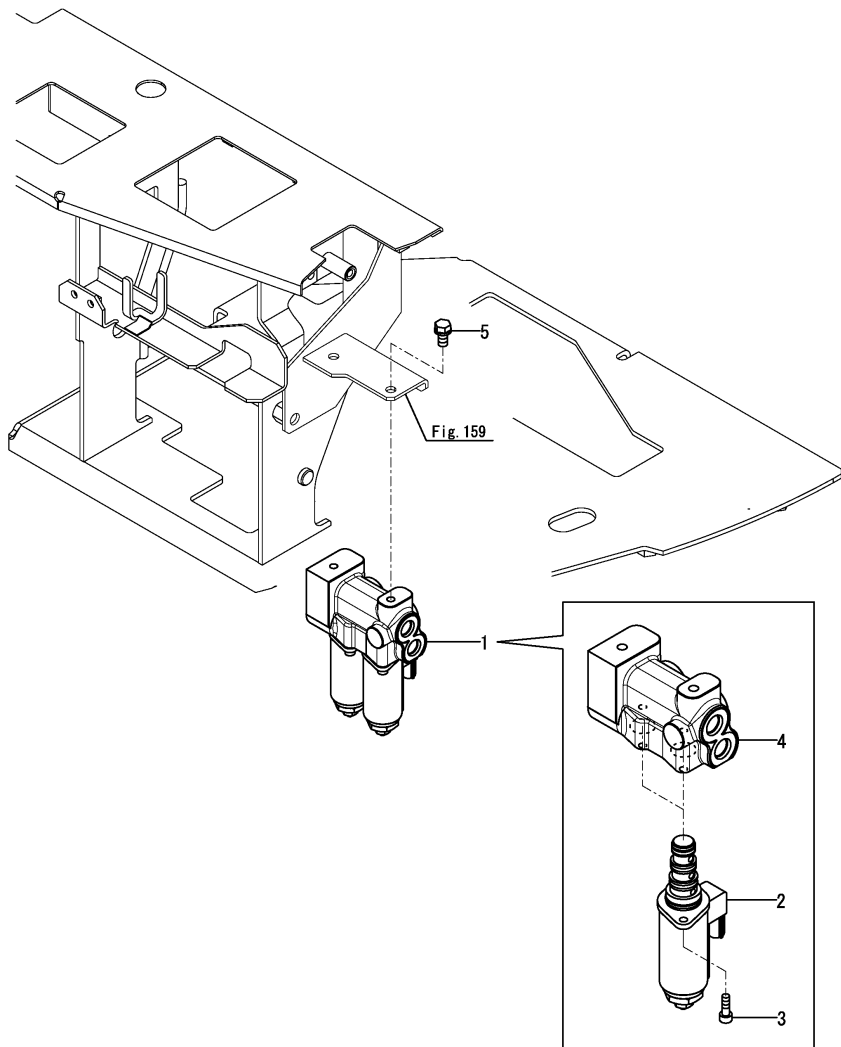
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74730	VALVE ASSY,PPP		1						
2	2	172B03-74740	CARTRIDGE ASSY,P0.7A		1						
3	3	172B03-74860	O-RING, 1B AS 013		1						
4	3	172B03-74870	O-RING, 1B AS 014		1						
5	3	172B03-74880	O-RING, 1B AS 015		1						
6	3	24315-000200	O-RING, 1BP20.0		1						
7	2	172B03-74750	CARTRIDGE ASSY,P1.6A		2						
8	3	172B03-74860	O-RING, 1B AS 013		2						
9	3	172B03-74870	O-RING, 1B AS 014		2						
10	3	172B03-74880	O-RING, 1B AS 015		2						
11	3	24315-000200	O-RING, 1BP20.0		2						
12	2	172A47-74770	PLUG		2						
13	2	172B03-74780	BLOCK, 3		1						
14	2	24315-000110	O-RING, 1BP11.0		2						
15	2	26450-050122	BOLT, M5X 12		6						
16	1	172B03-74950	STAY , SOL 3 K		1						
17	1	26013-080162	BOLT, M8X 16		2						
18	1	26013-100202	BOLT, M10X 20		2						

Fig.157. SOLENOID VALVE(P.T.O. 2)(ANGLE BLADE SPEC.)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B05-74710	VALVE ASSY,CC	1	1						
2	2	172B05-74720	CARTRIDGE ASSY,C	2	2						
3	2	172B05-74730	BOLT, SOCKET M5X12	4	4						
4	2	172B03-74770	BLOCK, 2	1	1						
5	1	26013-080162	BOLT, M8X 16	2	2						

Remarks

* Exclusive figure for angle blade specification.

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)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74720	VALVE ASSY,PP	1	1						
2	2	172B05-74730	BOLT, SOCKET M5X12	4	4						
3	2	172B03-74750	CARTRIDGE ASSY,P1.6A	2	2						
4	3	172B03-74860	O-RING, 1B AS 013	2	2						
5	3	172B03-74870	O-RING, 1B AS 014	2	2						
6	3	172B03-74880	O-RING, 1B AS 015	2	2						
7	3	24315-000200	O-RING, 1BP20.0	2	2						
8	2	172B03-74770	BLOCK, 2	1	1						
9	1	172B03-74930	STAY , SOL 2 K	1	1						
10	1	26013-080162	BOLT, M8X 16	2	2						
11	1	26013-100202	BOLT, M10X 20	2	2						

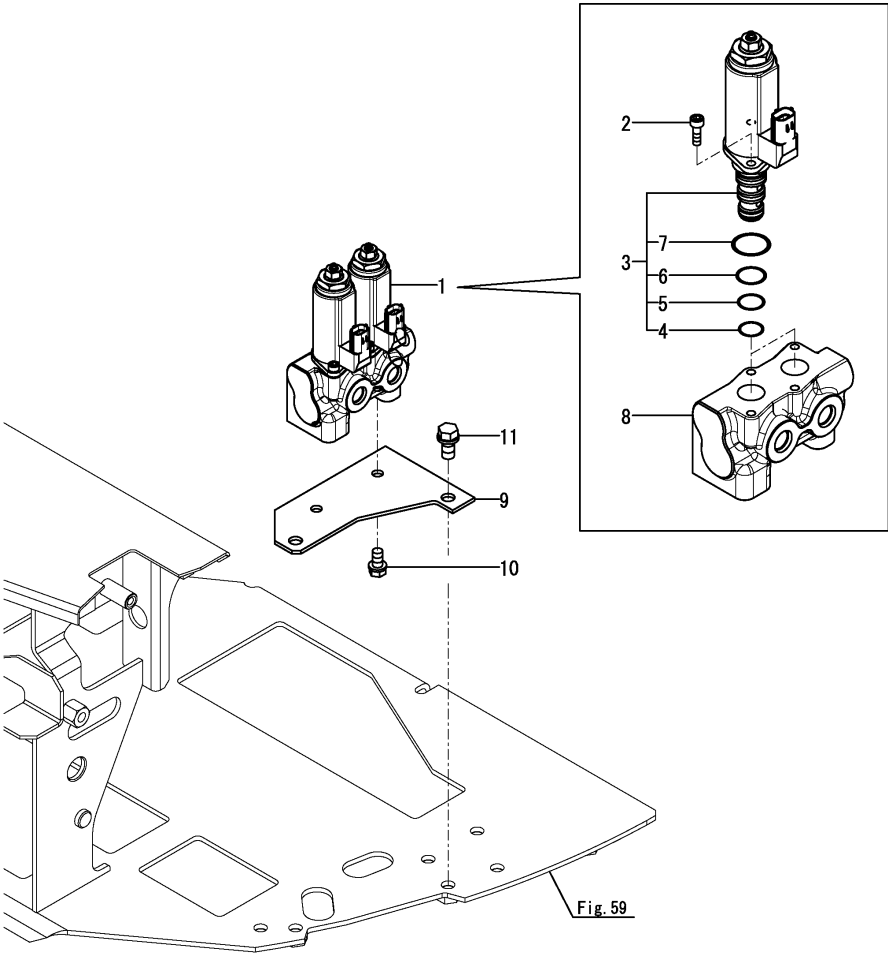
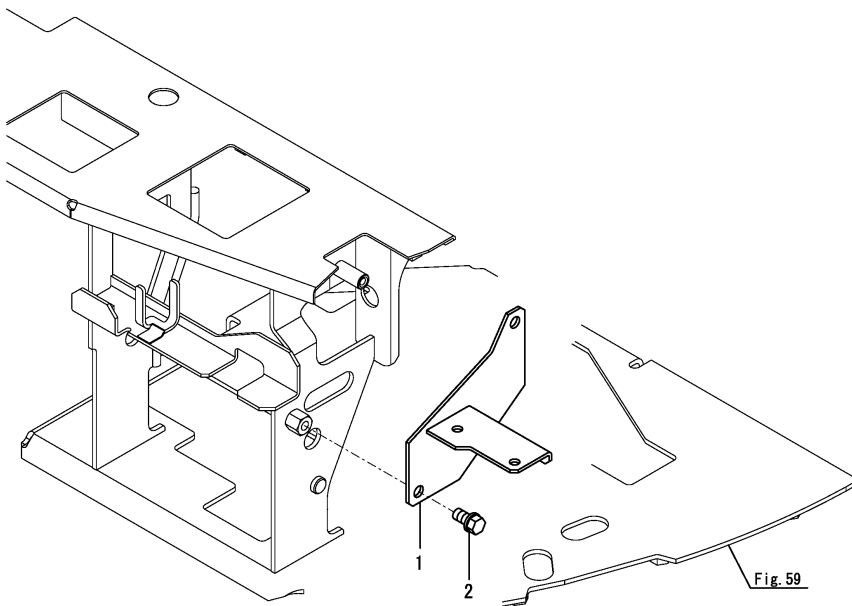


Fig.159. SOLENOID VALVE BRACKET(P.T.O. 2)(ANGLE BLADE SPEC.)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=			
				(A)	(B)	Q'ty (C)	(D)	(E)	(F)
1	1	172B03-74460	BRACKET ASSY,PTO2	1	1				
2	1	26013-100202	BOLT, M10X 20	2	2				

Remarks

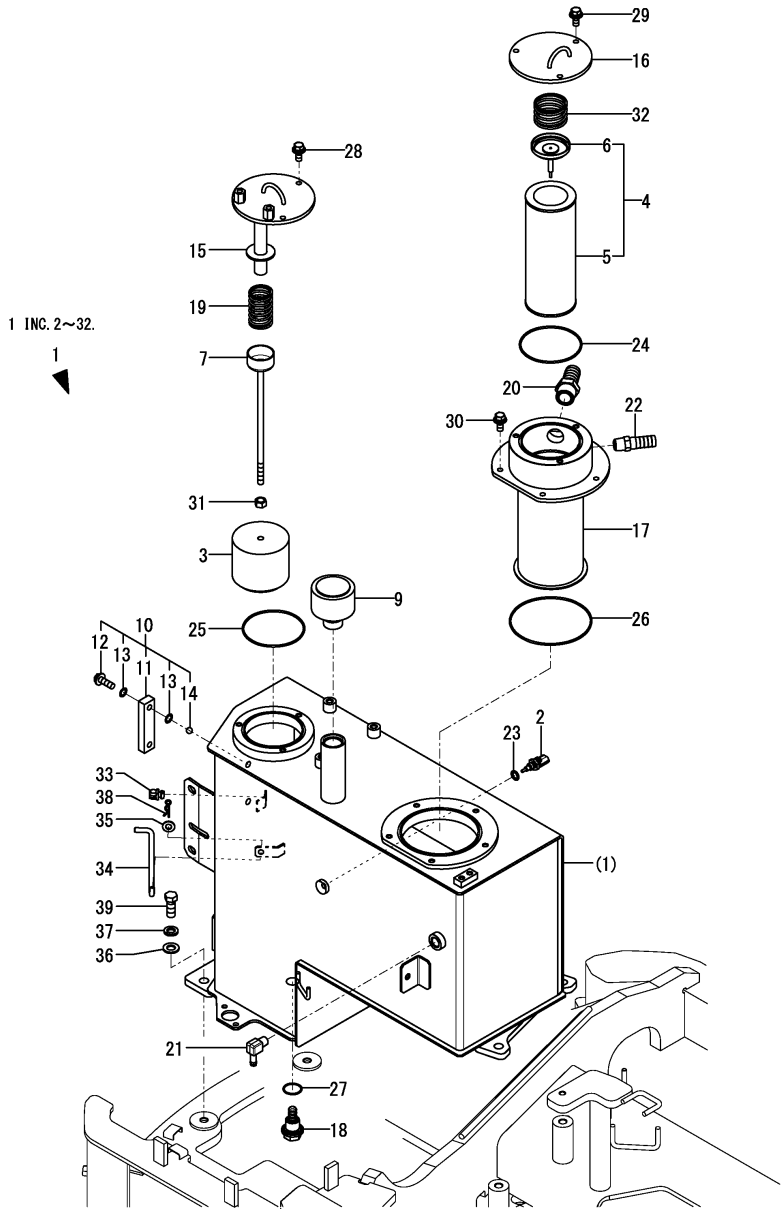
* Exclusive figure for angle blade specification.

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.160. HYD. OIL TANK

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

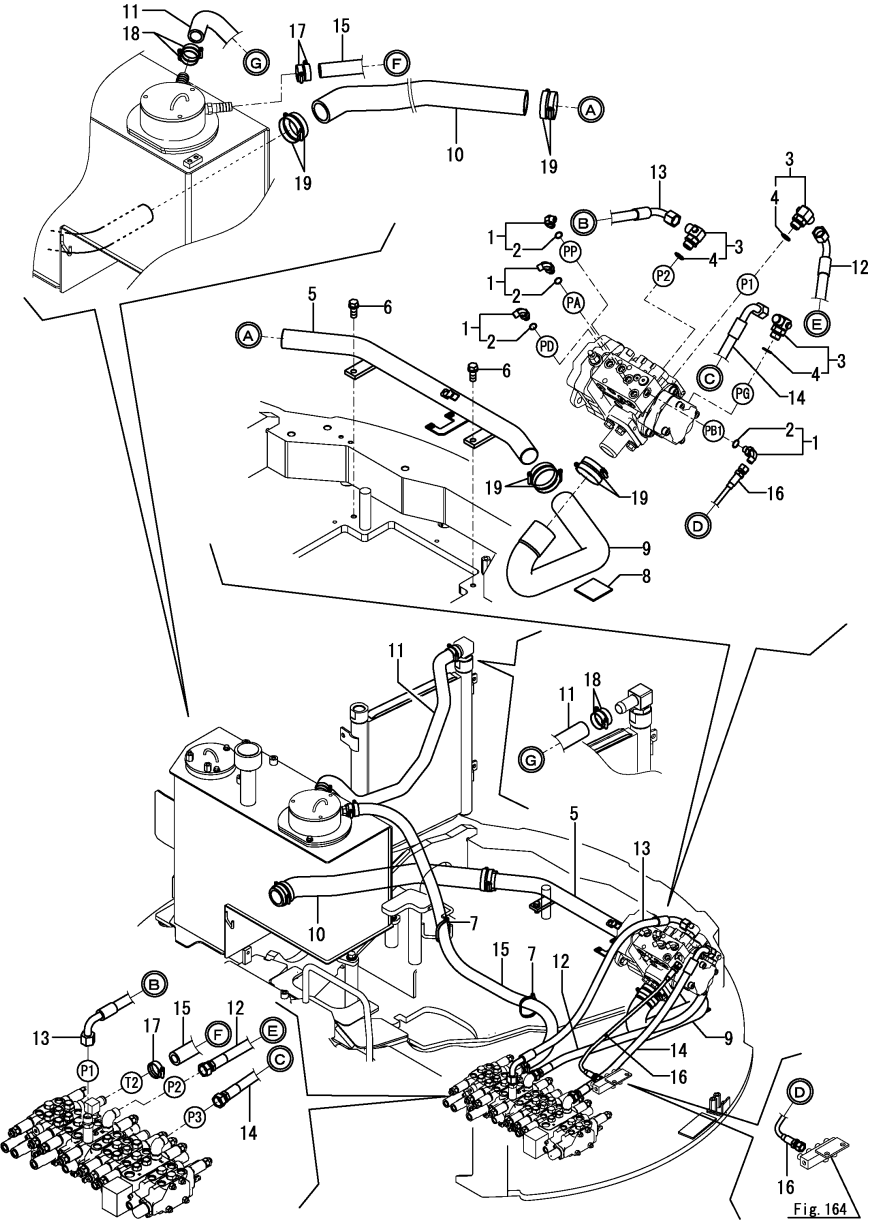
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08381	RESERVOIR KIT	1	1						1
2	2	129927-44900	SENSOR, WATER TEMP.	1	1						
3	2	172137-73700	FILTER, SUCTION	1	1						
4	2	172175-73700	FILTER ASSY, RETURN	1	1						
5	3	172175-73710	ELEMENT, FILTER	1	1						
6	3	172141-73770	VALVE ASSY, BY-PASS	1	1						
7	2	172137-73710	ROD ASSY, FILTER	1	1						
9	2	172446-75250	CAP, RESERVER	1	1						
10	2	172455-75270	GAUGE ASSY, OIL	1	1						
11	3	172455-75280	GAUGE	1	1						
12	3	172455-75290	BOLT	2	2						
13	3	172455-75300	O-RING	4	4						
14	3	172455-75310	FLOAT	1	1						
15	2	172B04-75400	COVER ASSY	1	1						
16	2	172141-75430-5	COVER ASSY, INTAKE	1	1						
17	2	172B04-75450	FLANGE ASSY,RETURN	1	1						
18	2	172187-75500	PLUG	1	1						
19	2	172112-75780	SPRING, FILTER	1	1						
20	2	172187-76180	NIPPLE, HOSE	1	1						
21	2	172168-76370	ELBOW	1	1						
22	2	172438-76460	NIPPLE, HOSE	1	1						
23	2	22190-120002	WASHER, SEAL 12	1	1						
24	2	24321-001050	O-RING, 1AG105.0	1	1						
25	2	24321-001050	O-RING, 1AG105.0	1	1						
26	2	24321-001400	O-RING, 1AG140.0	1	1						
27	2	24341-000300	O-RING, 1AS30.0	1	1						
28	2	26014-080202	BOLT, M8X 20	3	3						
29	2	26014-080202	BOLT, M8X 20	3	3						
30	2	26014-080202	BOLT, M8X 20	5	5						
31	2	26716-100002	NUT, M10	1	1						
32	2	933152-02710	SPRING, CLUTCH	1	1						
32A	1	172B04-03490	LABEL,RESERVOIR EX	1	1						2
33	1	1A7400-61250	HOLDER, ROD 8	1	1						
34	1	172B04-65780	HOOK, BONNET R	1	1						
35	1	22137-080000	WASHER, 8	1	1						
36	1	22137-140000	WASHER, 14	4	4						
37	1	22217-140000	WASHER, SPRING 14	4	4						
38	1	22372-080000	PIN, SNAP 8	1	1						
39	1	26116-140352	BOLT, M14X 35 PLATED	4	4						

Remarks
(1)Attach the No.32A label to this part.
(2)Label is not illustrated.

Fig.161. TANK - PUMP & CONTROL VALVE



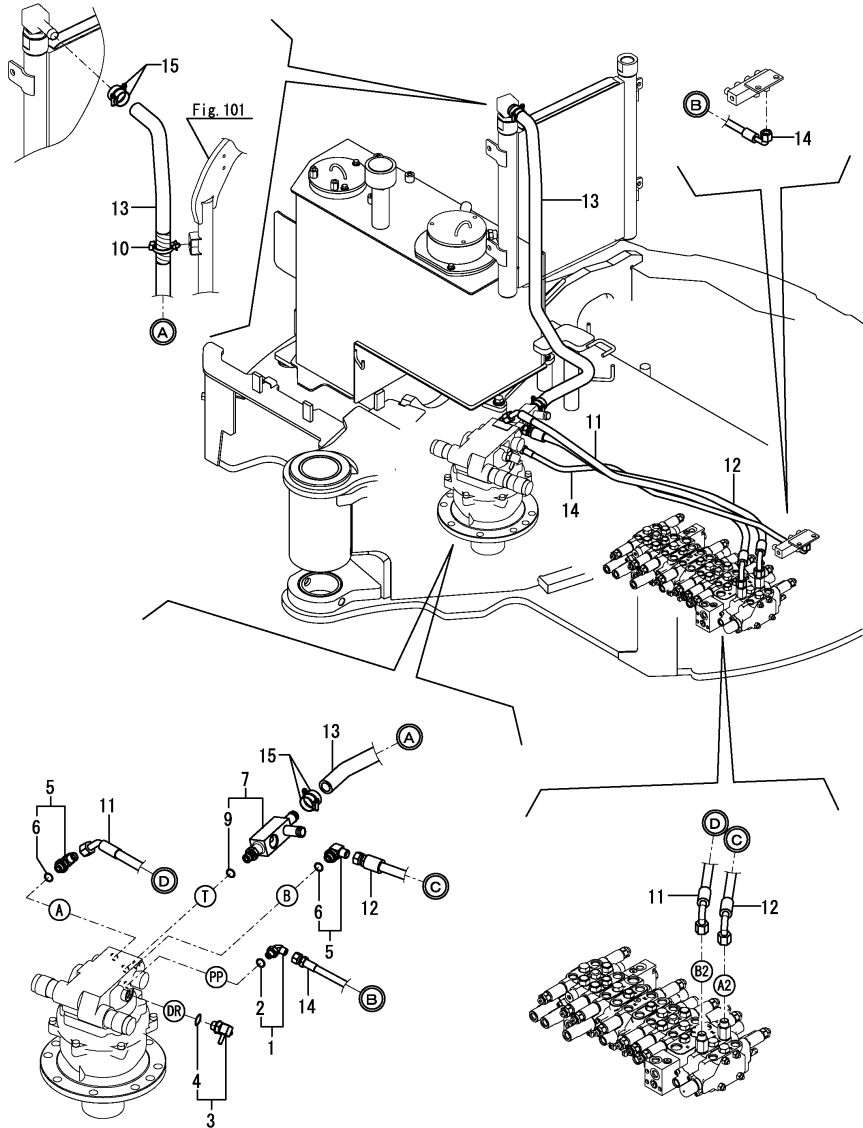
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	4	4						
2	2	41851-000110	O-RING	4	4						
3	1	172A47-76151	ELBOW	3	3						
4	2	41851-000180	O-RING	3	3						
5	1	172B04-76700	TUBE ASSY, SUCTION	1	1						
6	1	26013-100252	BOLT, M10X 25	2	2						
7	1	172126-11510	BAND	2	2						
8	1	172446-14250	PLATE, RUBBER	1	1						
9	1	172B04-78100	HOSE,SUCTION A	1	1						
10	1	172B04-78110	HOSE,SUCTION B	1	1						
11	1	172B04-78120	HOSE, 25.4X35.4	1	1						
12	1	172B04-78130	HOSE, H108BC075S	1	1						
13	1	172B04-78140	HOSE, H108CC077S	1	1						
14	1	172B04-78150	HOSE, H108BC066S	1	1						
15	1	172B04-78310	HOSE, G612YY124S	1	1						
16	1	172B04-78600	HOSE, F403BB060S	1	1						
17	1	23001-035000	CLAMP, HOSE 35	3	3						
18	1	23001-041000	CLAMP, HOSE 41	4	4						
19	1	23001-060000	CLAMP, HOSE 60	8	8						

Remarks
* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.
* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

Fig.162. CONTROL VALVE - TURNING MOTOR

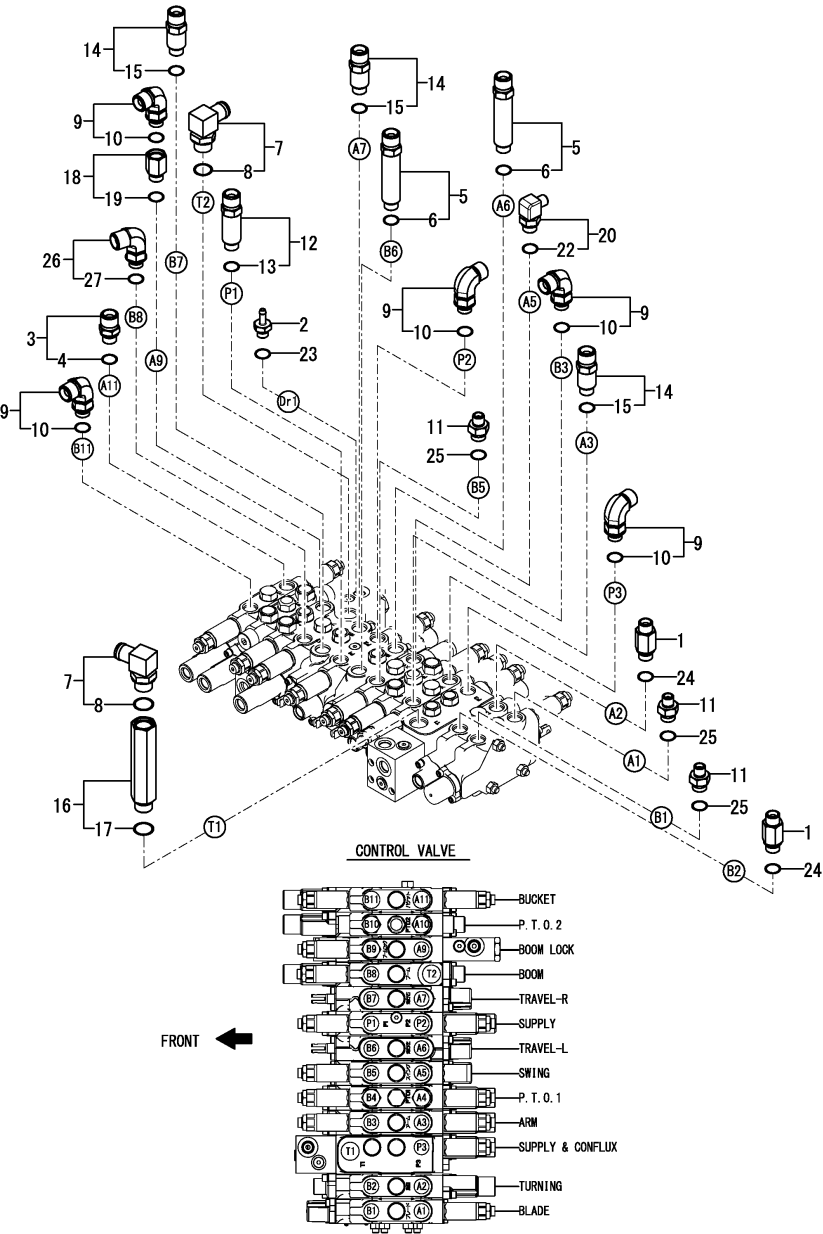


OCK50-M01380 Fig.162

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1	1						
2	2	41851-000110	O-RING	1	1						
3	1	172A52-76110	NIPPLE, TEE	1	1						
4	2	24315-000140	O-RING, 1BP14.0	1	1						
5	1	172142-76181	JOINT ASSY	2	2						
6	2	24315-000140	O-RING, 1BP14.0	2	2						
7	1	172B04-76910	CONNECTOR ASSY	1	1						
9	2	41851-000140	O-RING	1	1						
10	1	194680-51670	BAND, CLIP	1	1						
11	1	172B04-78260	HOSE, F206CE092S	1	1						
12	1	172B04-78270	HOSE, F206BC084S	1	1						
13	1	172B04-78511	HOSE, 19.0X29.0	1	1						
14	1	172B04-78610	HOSE, F403BC088S	1	1						
15	1	23001-035000	CLAMP, HOSE 35	4	4						

Remarks
* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.
* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

Fig.163. CONTROL VALVE(FITTING)(1)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

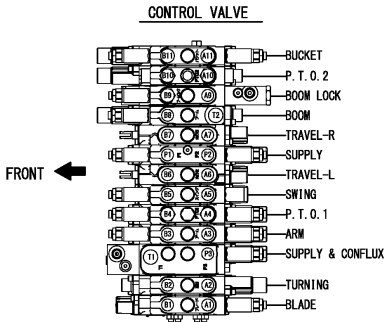
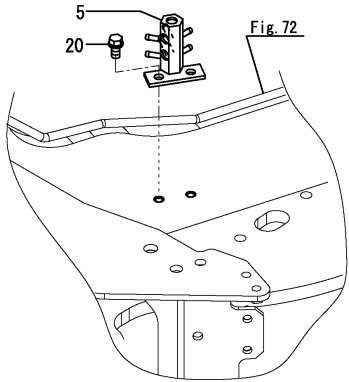
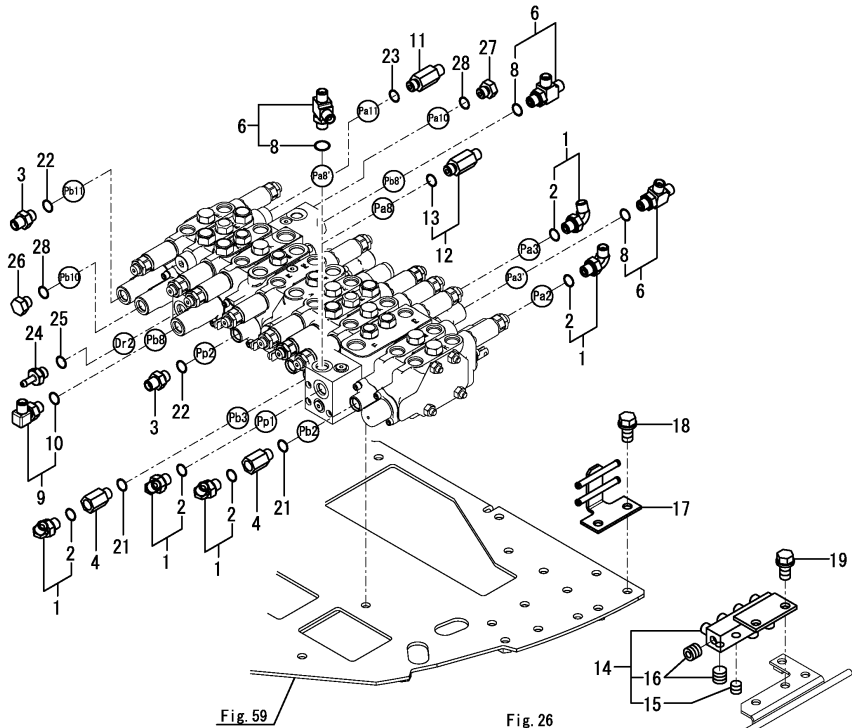
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76070	CONNECTOR, G3/8X3/8	2	2						
2	1	172B03-76080	NIPPLE, G1/4	1	1						
3	1	172B03-76110	CONNECTOR, G1/2X3/8	1	1						
4	2	41851-000140	O-RING	1	1						
5	1	172B03-76120	CONNECTOR, G1/2X3/8L	2	2						
6	2	41851-000140	O-RING	2	2						
7	1	172164-76131	ELBOW	2	2						
8	2	24315-000180	O-RING, 1BP18.0	2	2						
9	1	172B03-76130	ELBOW	5	5						
10	2	41851-000140	O-RING	5	5						
11	1	172124-76160	CONNECTOR	3	3						
12	1	172B03-76160	CONNECTOR, G1/2X3/8M	1	1						
13	2	41851-000140	O-RING	1	1						
14	1	172B03-76170	CONNECTOR, G1/2X3/8S	3	3						
15	2	41851-000140	O-RING	3	3						
16	1	172B03-76190	ADAPTER	1	1						
17	2	41851-000180	O-RING	1	1						
18	1	172B03-76630	ADAPTER	1	1						
19	2	41851-000140	O-RING	1	1						
20	1	172141-76920	CONNECTOR ASSY	1	1						
22	2	24315-000140	O-RING, 1BP14.0	1	1						
23	1	41851-000110	O-RING	1	1						
24	1	41851-000140	O-RING	2	2						
25	1	41851-000140	O-RING	3	3						
26	1	172B03-76130	ELBOW	1	1						
27	2	41851-000140	O-RING	1	1						

Remarks
* Not applied for angle blade specification.

Fig.164. CONTROL VALVE(FITTING)(2)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



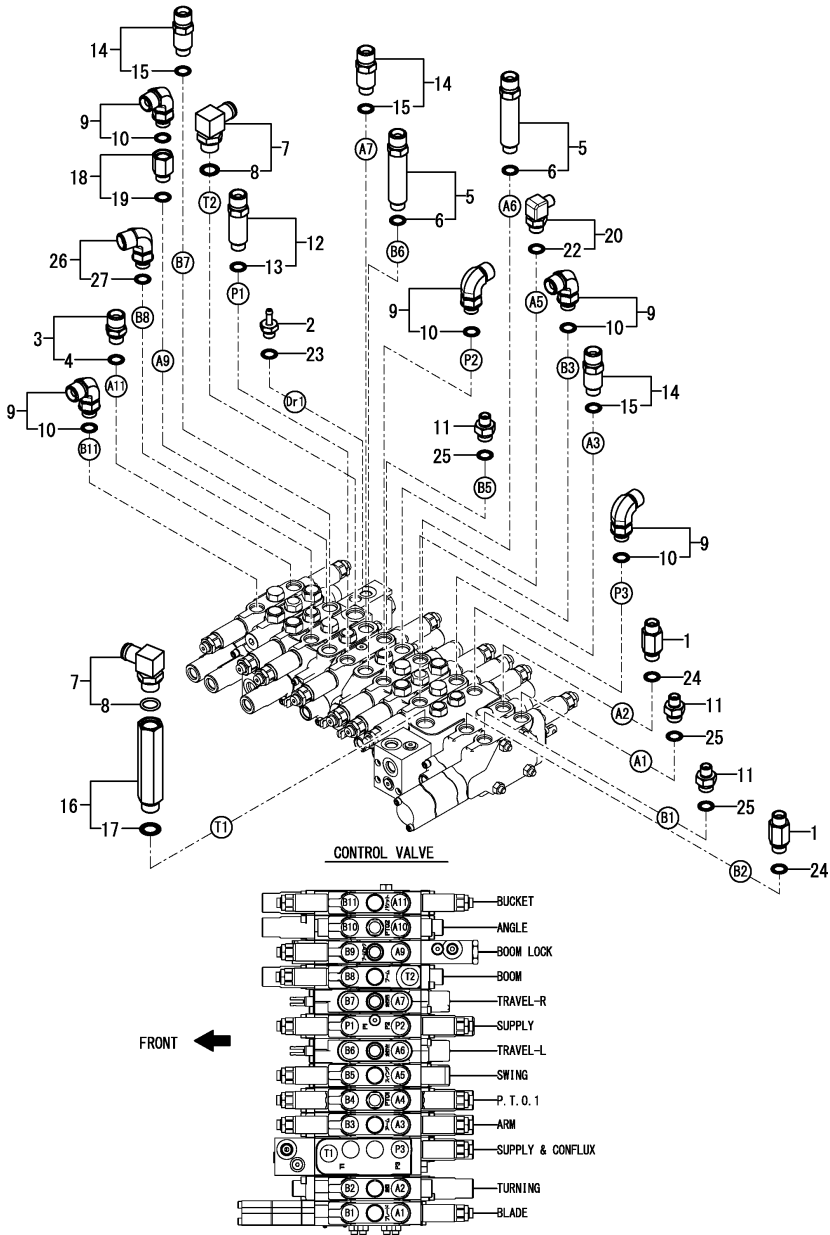
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	5	5						
2	2	41851-000110	O-RING	5	5						
3	1	172123-76121	ADAPTER	2	2						
4	1	172422-76140	CONNECTOR	2	2						
5	1	172445-76153	BLOCK, DRAIN	1	1						
6	1	172162-76181	JOINT ASSY	3	3						
8	2	41851-000110	O-RING	3	3						
9	1	172A47-76180	ELBOW	1	1						
10	2	41851-000110	O-RING	1	1						
11	1	172183-76200	CONNECTOR	1	1						
12	1	172A47-76290	CONNECTOR	1	1						
13	2	41851-000110	O-RING	1	1						
14	1	172A47-76310	BLOCK, PILOT	1	1						
15	2	23871-010000	PLUG, R01	1	1						
16	2	23871-020000	PLUG, R02	2	2						
17	1	172B03-76310	CONNECTOR ASSY	1	1						
18	1	26013-100202	BOLT, M10X 20	2	2						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	26013-100202	BOLT, M10X 20	2	2						
21	1	41851-000110	O-RING	2	2						
22	1	41851-000110	O-RING	2	2						
23	1	41851-000110	O-RING	1	1						
24	1	172B03-76080	NIPPLE, G1/4	1	1						
25	1	41851-000110	O-RING	1	1						
26	1	172A47-76270	PLUG, PILOT	1	1						
27	1	172A47-76280	PLUG, PILOT	1	1						
28	1	41851-000110	O-RING	2	2						

Remarks
* Not applied for angle blade specification.

Fig.165. CONTROL VALVE(FITTING)(1)(ANGLE BLADE SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

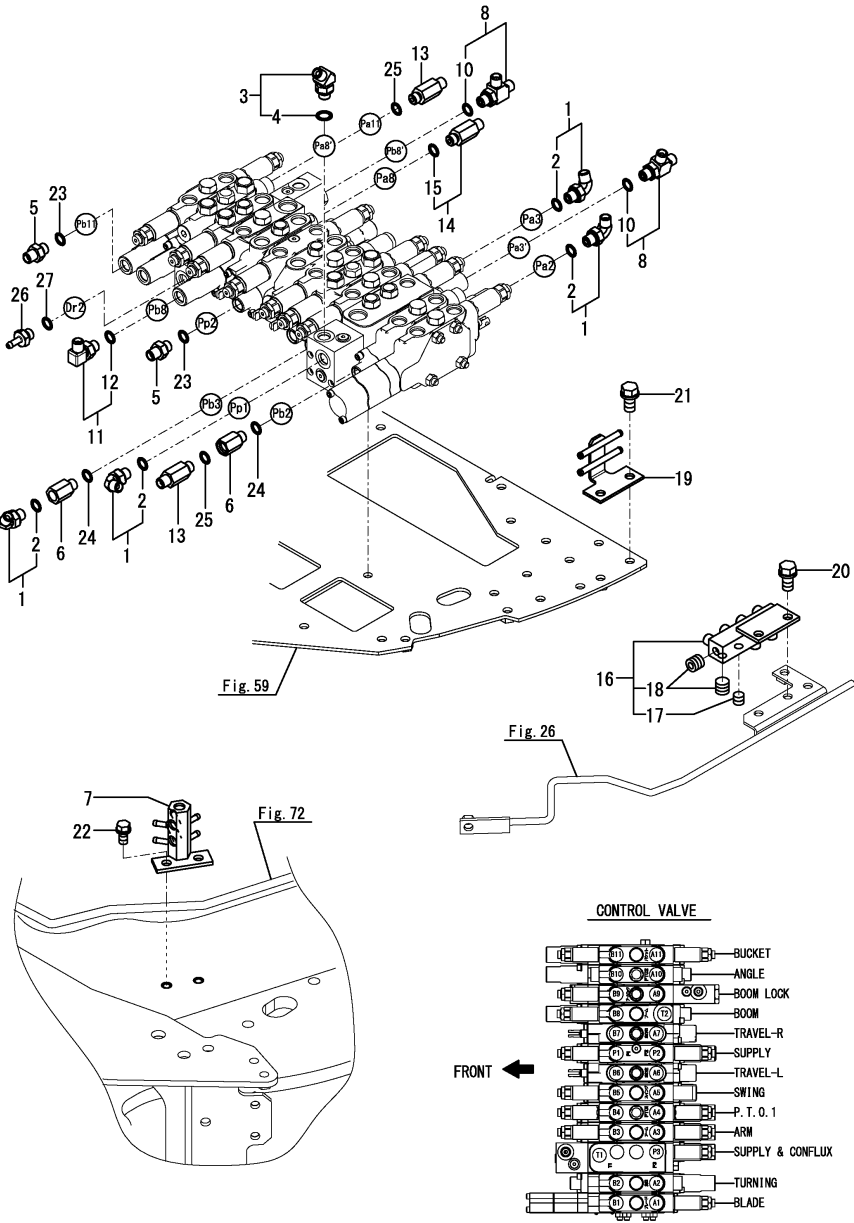
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76070	CONNECTOR, G3/8X3/8	2	2						
2	1	172B03-76080	NIPPLE, G1/4	1	1						
3	1	172B03-76110	CONNECTOR, G1/2X3/8	1	1						
4	2	41851-000140	O-RING	1	1						
5	1	172B03-76120	CONNECTOR, G1/2X3/8L	2	2						
6	2	41851-000140	O-RING	2	2						
7	1	172164-76131	ELBOW	2	2						
8	2	24315-000180	O-RING, 1BP18.0	2	2						
9	1	172B03-76130	ELBOW	5	5						
10	2	41851-000140	O-RING	5	5						
11	1	172124-76160	CONNECTOR	3	3						
12	1	172B03-76160	CONNECTOR, G1/2X3/8M	1	1						
13	2	41851-000140	O-RING	1	1						
14	1	172B03-76170	CONNECTOR, G1/2X3/8S	3	3						
15	2	41851-000140	O-RING	3	3						
16	1	172B03-76190	ADAPTER	1	1						
17	2	41851-000180	O-RING	1	1						
18	1	172B03-76630	ADAPTER	1	1						
19	2	41851-000140	O-RING	1	1						
20	1	172141-76920	CONNECTOR ASSY	1	1						
22	2	24315-000140	O-RING, 1BP14.0	1	1						
23	1	41851-000110	O-RING	1	1						
24	1	41851-000140	O-RING	2	2						
25	1	41851-000140	O-RING	3	3						
26	1	172B03-76130	ELBOW	1	1						
27	2	41851-000140	O-RING	1	1						

Remarks
* Exclusive figure for angle blade specification.

Fig.166. CONTROL VALVE(FITTING)(2)(ANGLE BLADE SPEC.)

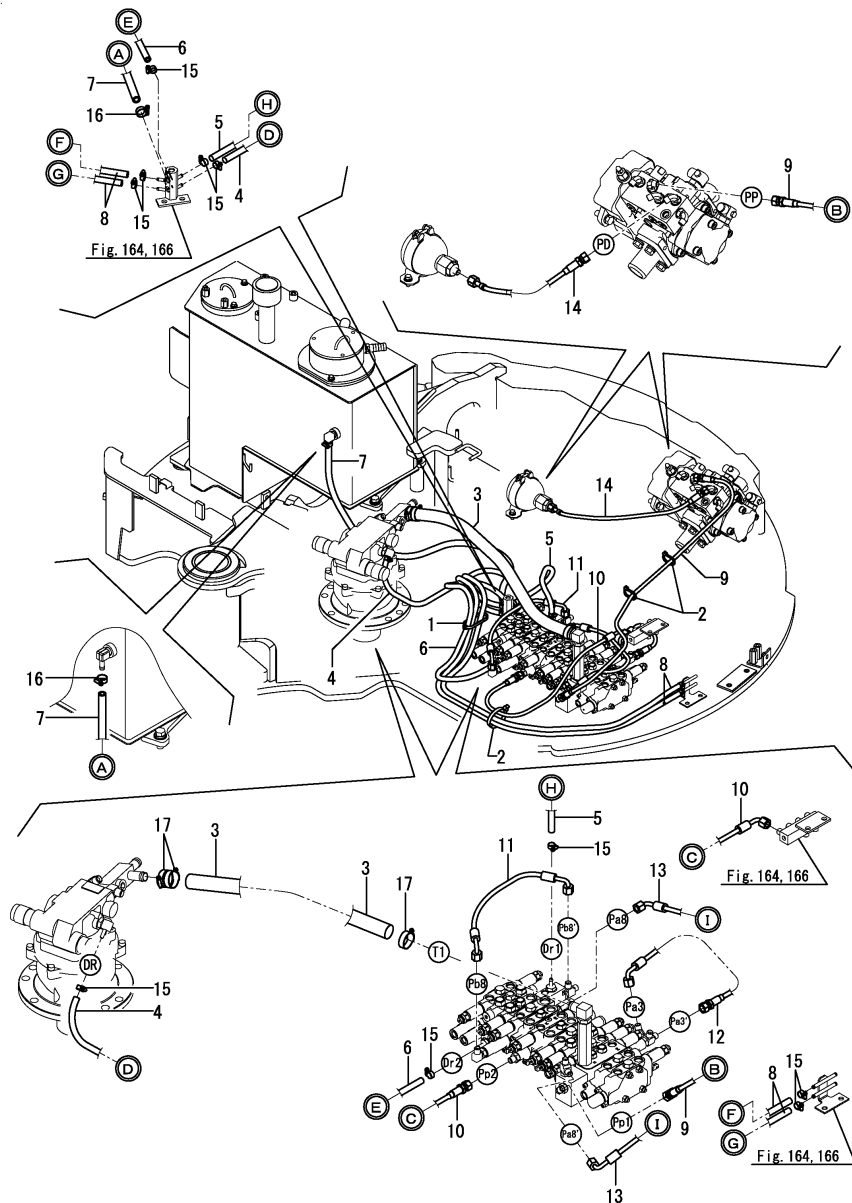


Remarks
* Exclusive figure for angle blade specification.

OCK50-M01380 Fig.166

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	4	4						
2	2	41851-000110	O-RING	4	4						
3	1	172173-76102	CONNECTOR ASSY	1	1						
4	2	41851-000110	O-RING	1	1						
5	1	172123-76121	ADAPTER	2	2						
6	1	172422-76140	CONNECTOR	2	2						
7	1	172445-76153	BLOCK, DRAIN	1	1						
8	1	172162-76181	JOINT ASSY	2	2						
10	2	41851-000110	O-RING	2	2						
11	1	172A47-76180	ELBOW	1	1						
12	2	41851-000110	O-RING	1	1						
13	1	172183-76200	CONNECTOR	2	2						
14	1	172A47-76290	CONNECTOR	1	1						
15	2	41851-000110	O-RING	1	1						
16	1	172A47-76310	BLOCK, PILOT	1	1						
17	2	23871-010000	PLUG, R01	1	1						
18	2	23871-020000	PLUG, R02	2	2						
19	1	172B03-76310	CONNECTOR ASSY	1	1						
20	1	26013-100202	BOLT, M10X 20	2	2						
21	1	26013-100202	BOLT, M10X 20	2	2						
22	1	26013-100202	BOLT, M10X 20	2	2						
23	1	41851-000110	O-RING	2	2						
24	1	41851-000110	O-RING	2	2						
25	1	41851-000110	O-RING	2	2						
26	1	172B03-76080	NIPPLE, G1/4	1	1						
27	1	41851-000110	O-RING	1	1						

Fig.167. CONTROL VALVE - RETURN & DRAIN



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				
				(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	172126-11510	BAND	1	1					
2	1	194202-56460	BAND, 200	3	3					
3	1	172B04-78301	HOSE, G612YY080	1	1					
4	1	172B04-78530	HOSE, G804YY057	1	1					
5	1	172B04-78540	HOSE, G804YY060S	1	1					
6	1	172B04-78550	HOSE, G804YY117S	1	1					
7	1	172B04-78560	HOSE, G806YY099S	1	1					
8	1	172B04-78570	HOSE, G804YY152S	2	2					
9	1	172B04-78620	HOSE, F403BB102S	1	1					
10	1	172B04-78640	HOSE, F403BC080S	1	1					
11	1	172B03-78650	HOSE, F403CC040S	1	1					
12	1	172B03-78701	HOSE, H603BC023S	1	1					
13	1	172B03-78720	HOSE, F403CC056	1	1					
14	1	172B04-78760	HOSE, F403BB057S	1	1					
15	1	23000-013000	CLAMP, 13	10	10					
16	1	23001-019000	CLAMP, HOSE 19	2	2					
17	1	23001-035000	CLAMP, HOSE 35	3	3					

Remarks

* Fitting(hydraulic pump) is shown in Fig.161.

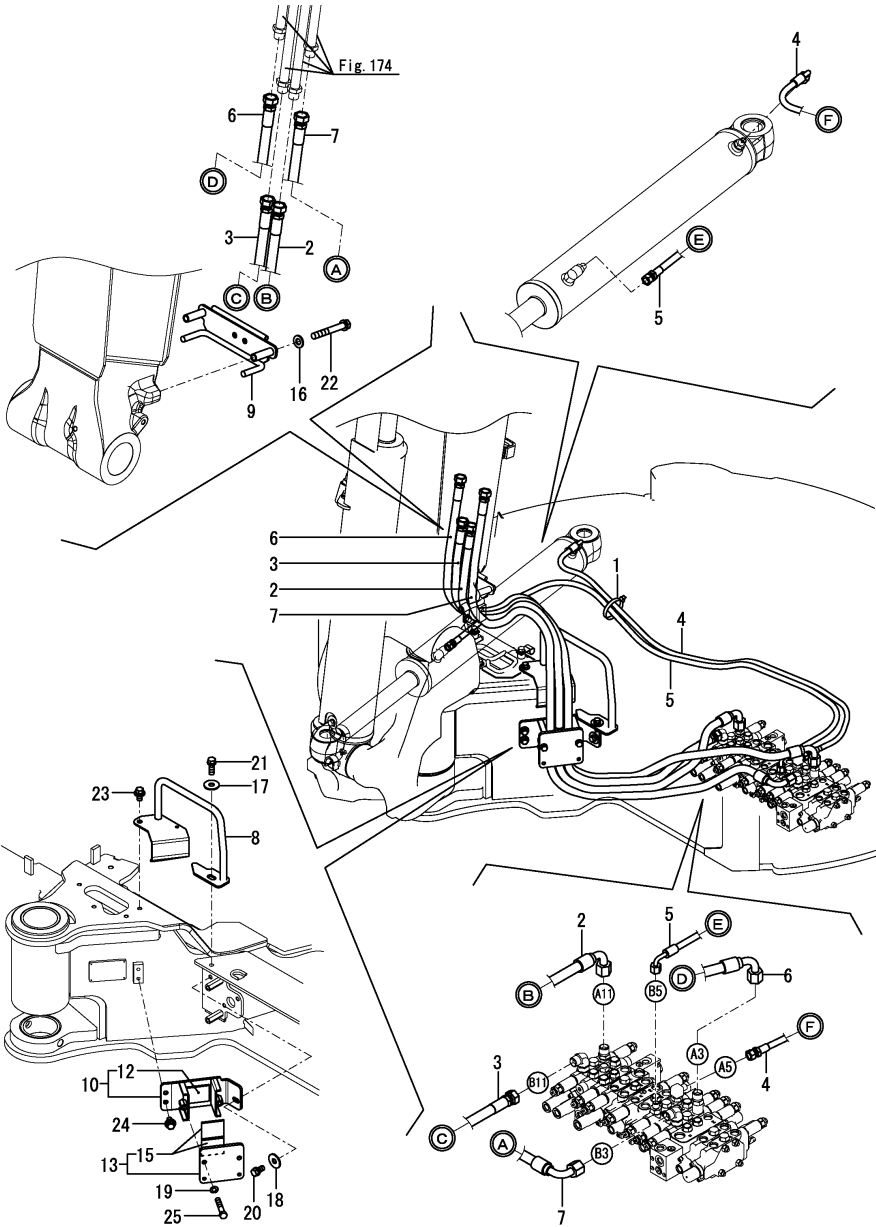
* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.

* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

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.168. CONTROL VALVE - BOOM BULKHEAD & SWING



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

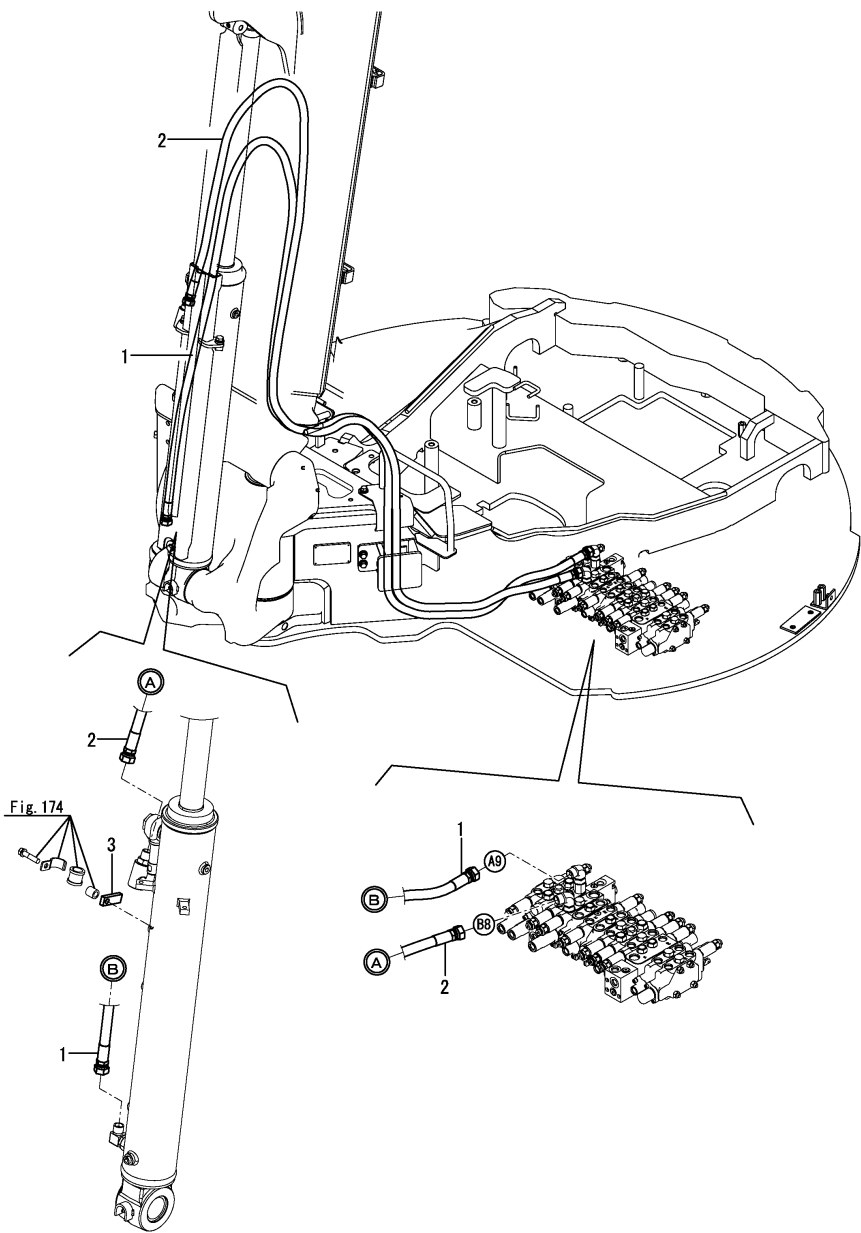
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1						
2	1	172B04-78162	HOSE, H108BC174K	1	1						
3	1	172B04-78172	HOSE, H108BB159K	1	1						
4	1	172B04-78220	HOSE, H104BC138S	1	1						
5	1	172B04-78230	HOSE, H104BC170S	1	1						
6	1	172B04-78241	HOSE, H108BC201K	1	1						
7	1	172B04-78251	HOSE, H108BC192K	1	1						
8	1	172B04-79720	GUIDE ASSY,HOSE	1	1						
9	1	172B04-79800	GUIDE ASSY, HOSE	1	1						
10	1	172B04-79900	SUPPORT ASSY, HOSE	1	1						
12	2	172B03-79970	CLAMP, HOSE	1	1						
13	1	172B04-79950	PLATE ASSY, HOSE	1	1						
15	2	172B03-79970	CLAMP, HOSE	2	2						
16	1	22137-100000	WASHER, 10	2	2						
17	1	22157-100000	WASHER, 10	1	1						
18	1	22157-100000	WASHER, 10	1	1						
19	1	22217-100000	WASHER, SPRING 10	2	2						
20	1	26013-100202	BOLT, M10X 20	1	1						
21	1	26013-100302	BOLT, M10X 30	1	1						
22	1	26013-100752	BOLT, M10X 75	2	2						
23	1	26014-100202	BOLT, M10X 20	1	1						
24	1	26014-100202	BOLT, M10X 20	2	2						
25	1	26116-100454	BOLT, M10X 45 PLATED	2	2						

Remarks

* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.
* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

Fig.169. CONTROL VALVE - BOOM CYLINDER



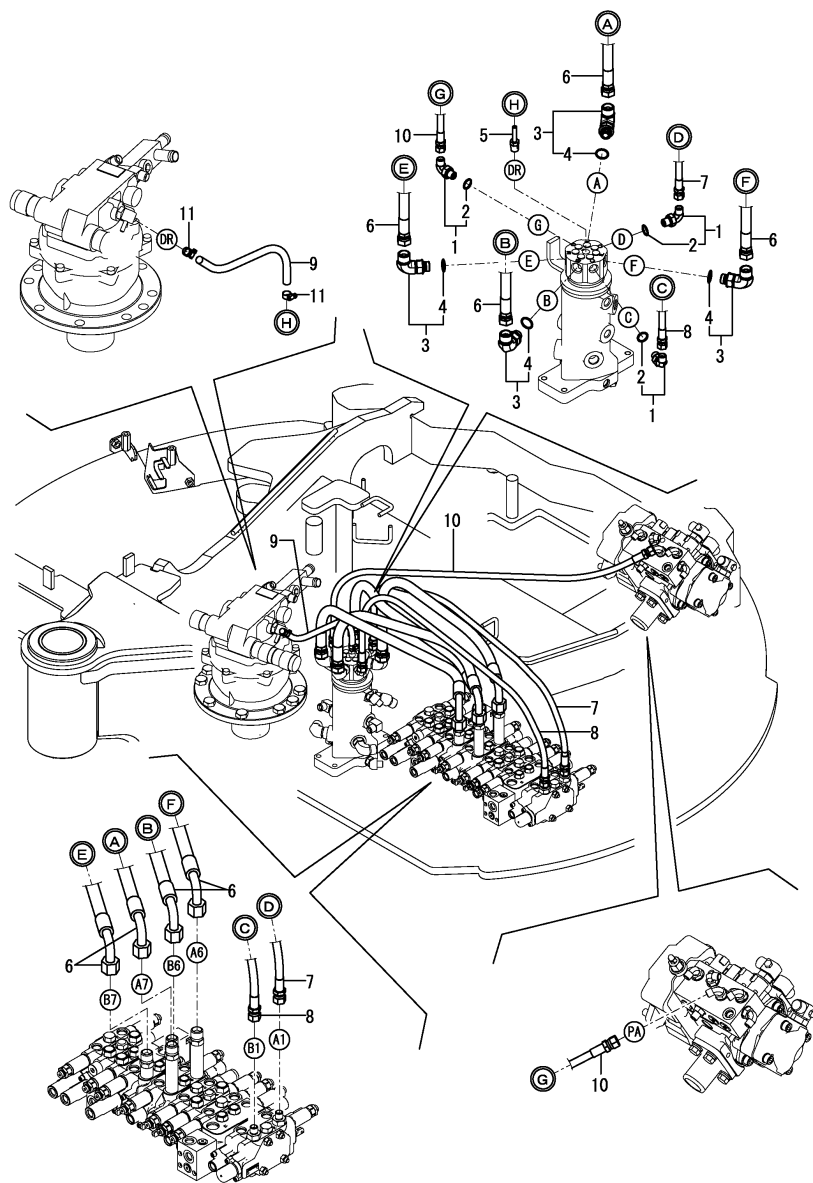
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-78182	HOSE, H108BB363K	1	1						
2	1	172B04-78192	HOSE, H108BB311K	1	1						
3	1	172B03-79880	PLATE,HOSE CLAMP	1	1						

Remarks
* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.
* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

Fig.170. CONTROL VALVE - SWIVEL JOINT



- * Fitting(hydraulic pump) is shown in Fig.161.
- * Fitting(turning motor) is shown in Fig.162.
- * Fitting(control valve) is shown in Fig.163 & 164.
- * Not applied for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	3	3						
2	2	41851-000110	O-RING	3	3						
3	1	172B03-76130	ELBOW	4	4						
4	2	41851-000140	O-RING	4	4						
5	1	172141-76220	NIPPLE, 02	1	1						
6	1	172B04-78200	HOSE, H108BC069S	4	4						
7	1	172B04-78280	HOSE, F204BB102S	1	1						
8	1	172B04-78290	HOSE, F204BB097S	1	1						
9	1	172B04-78520	HOSE, G804YY037	1	1						
10	1	172B04-78630	HOSE, F403BB089S	1	1						
11	1	23000-013000	CLAMP, 13	2	2						

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

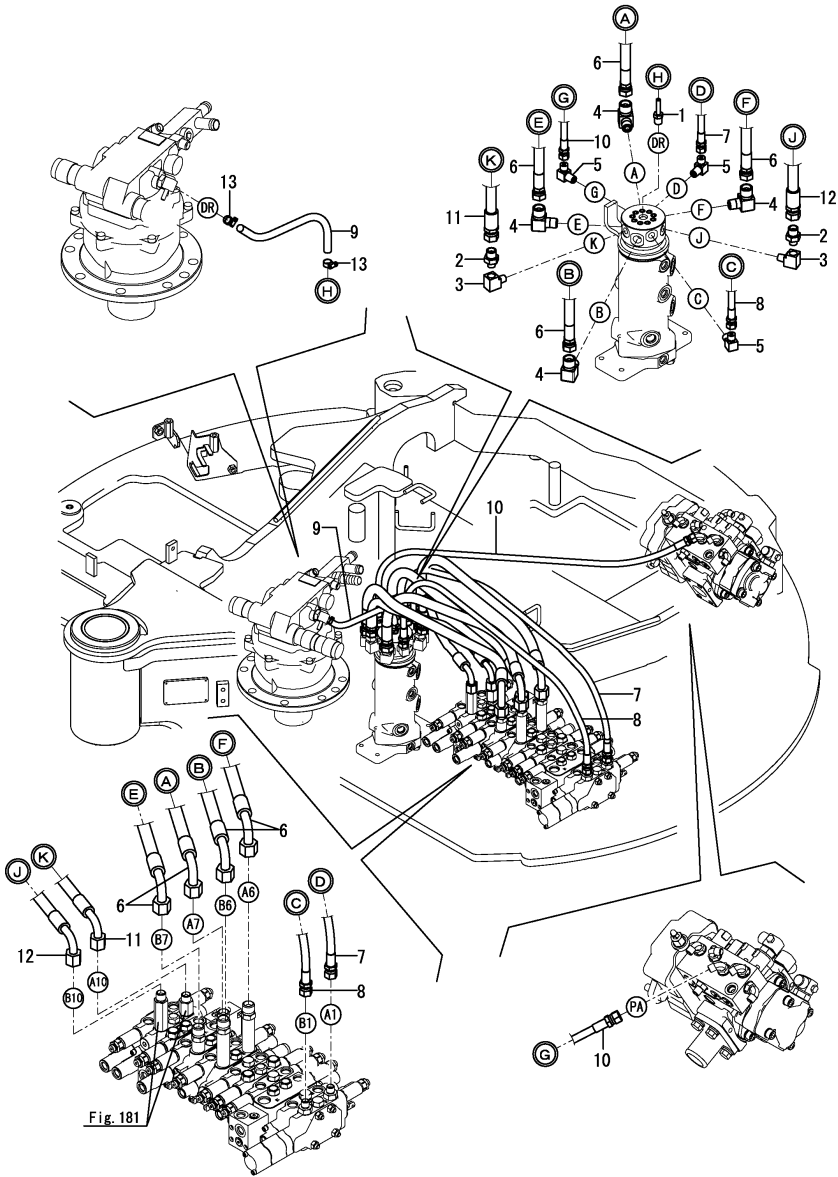
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Fig.171. CONTROL VALVE - SWIVEL JOINT(ANGLE BLADE SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

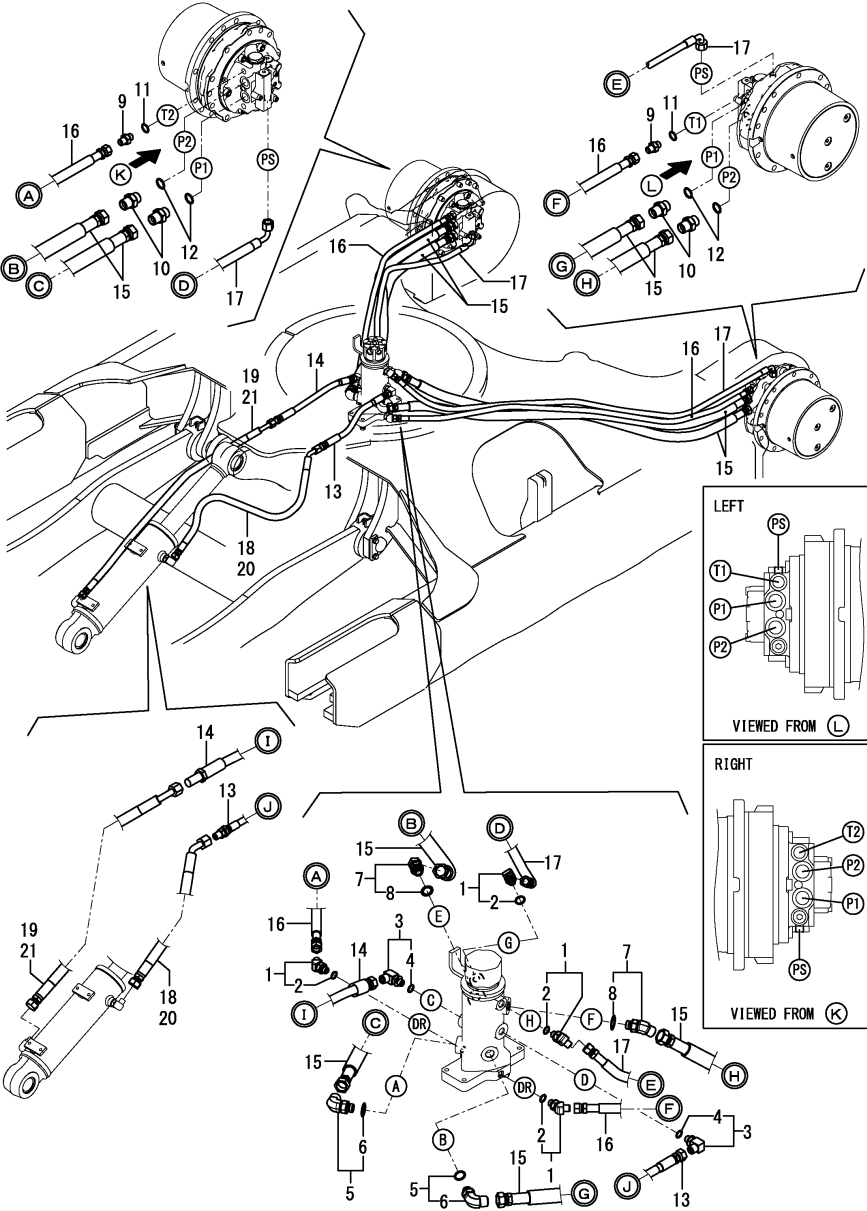
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-76220	NIPPLE, 02	1	1						
2	1	172312-76240	NIPPLE, 1/4-3/8	2	2						
3	1	172312-76250	ELBOW	2	2						
4	1	172141-76990	ELBOW	4	4						
5	1	23393-020000	JOINT, 90RGI-1/4	3	3						
6	1	172B04-78200	HOSE, H108BC069S	4	4						
7	1	172B04-78280	HOSE, F204BB102S	1	1						
8	1	172B04-78290	HOSE, F204BB097S	1	1						
9	1	172B04-78520	HOSE, G804YY037	1	1						
10	1	172B04-78630	HOSE, F403BB089S	1	1						
11	1	172B05-79060	HOSE, F206BC055S	1	1						
12	1	172B05-79070	HOSE, F206BC053S	1	1						
13	1	23000-013000	CLAMP, 13	2	2						



Remarks
* Exclusive figure for angle blade specification.
* Fitting(hydraulic pump) is shown in Fig.161.
* Fitting(turning motor) is shown in Fig.162.
* Fitting(control valve) is shown in Fig.165 & 166.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

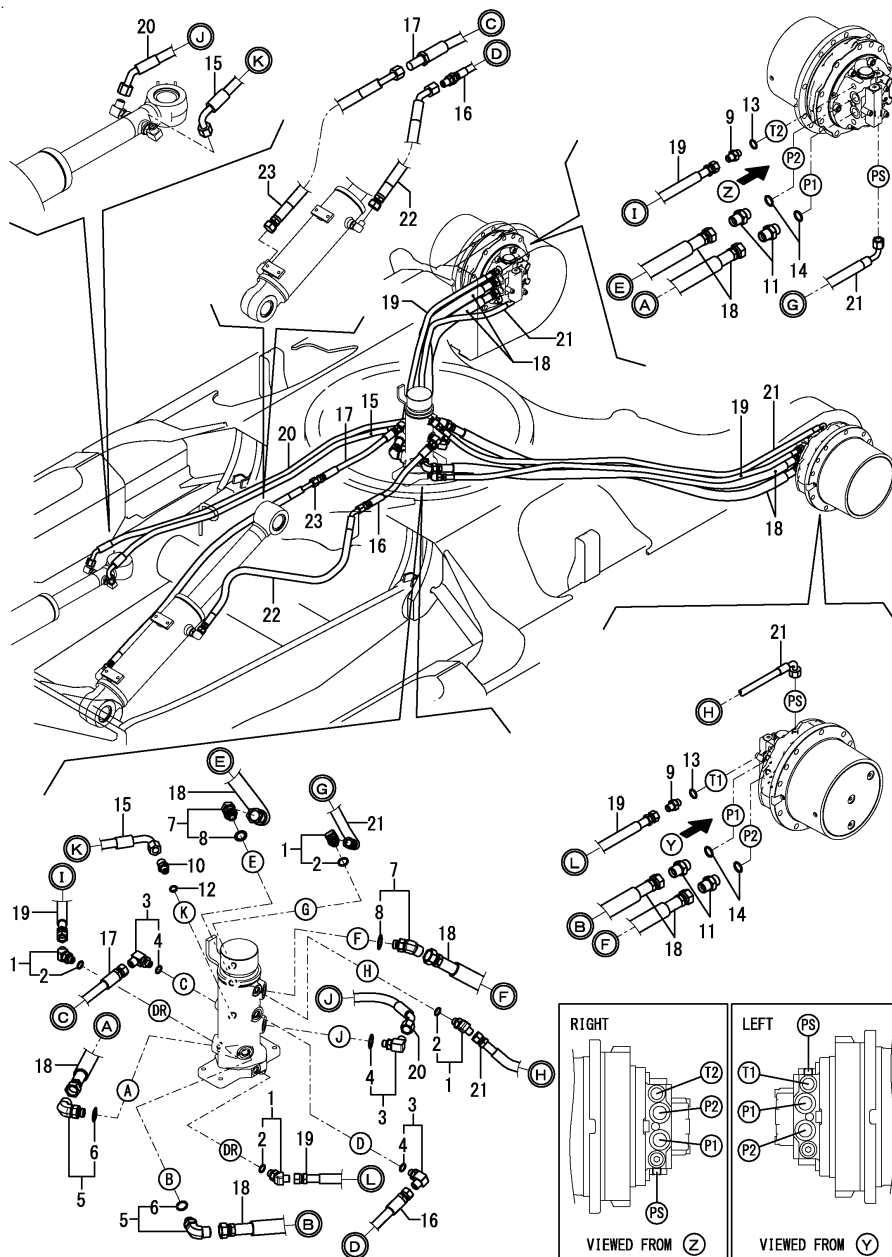
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-76102	CONNECTOR ASSY	4	4						
2	2	41851-000110	O-RING	4	4						
3	1	172173-76121	CONNECTOR ASSY	2	2						
4	2	24315-000110	O-RING, 1BP11.0	2	2						
5	1	172B03-76130	ELBOW	2	2						
6	2	41851-000140	O-RING	2	2						
7	1	172B03-76150	ELBOW	2	2						
8	2	41851-000140	O-RING	2	2						
9	1	172124-76160	CONNECTOR	2	2						
10	1	172112-77361	CONNECTOR	4	4						
11	1	41851-000140	O-RING	2	2						
12	1	41851-000180	O-RING	4	4						
13	1	172B04-78320	HOSE, H106BX037	1	1						
14	1	172B04-78350	HOSE, H206BX035	1	1						
15	1	172B04-78360	HOSE, H108BB126W	4	4						
16	1	172B04-78380	HOSE, F204BB123W	2	2						
17	1	172B04-78390	HOSE, F204BC140W	2	2						
18	1	172B04-78330	HOSE, F206BE077W	1	1						
19	1	172B04-78340	HOSE, H106BE105W	1	1						
20	1	172B05-78330	HOSE, F206BE094W	1	1						1
21	1	172B05-78340	HOSE, H106BE120W	1	1						1

Remarks
(1)Quick coupler specification.
* Not applied for angle blade specification.

Fig.173. TRAVEL FRAME(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172173-76102	CONNECTOR ASSY	4	4				
2	2	41851-000110	O-RING	4	4				
3	1	172173-76121	CONNECTOR ASSY	3	3				
4	2	24315-000110	O-RING, 1BP11.0	3	3				
5	1	172B03-76130	ELBOW	2	2				
6	2	41851-000140	O-RING	2	2				
7	1	172B03-76150	ELBOW	2	2				
8	2	41851-000140	O-RING	2	2				
9	1	172124-76160	CONNECTOR	2	2				
10	1	172638-76190	CONNECTOR,PF1/4PF3/8	1	1				
11	1	172112-77361	CONNECTOR	4	4				
12	1	41851-000110	O-RING	1	1				
13	1	41851-000140	O-RING	2	2				
14	1	41851-000180	O-RING	4	4				
15	1	172A79-78220	HOSE F206CC116W	1	1				
16	1	172B04-78320	HOSE, H106BX037	1	1				
17	1	172B04-78350	HOSE, H206BX035	1	1				
18	1	172B04-78360	HOSE, H108BB126W	4	4				
19	1	172B04-78380	HOSE, F204BB123W	2	2				
20	1	172B05-79090	HOSE, F206EE142W	1	1				
21	1	172B05-79100	HOSE, F204CE150W	2	2				
22	1	172B05-78790	HOSE, F206BE084W	1	1				
23	1	172B05-78800	HOSE, H106BE112W	1	1				

Remarks

* Exclusive figure for angle blade specification.

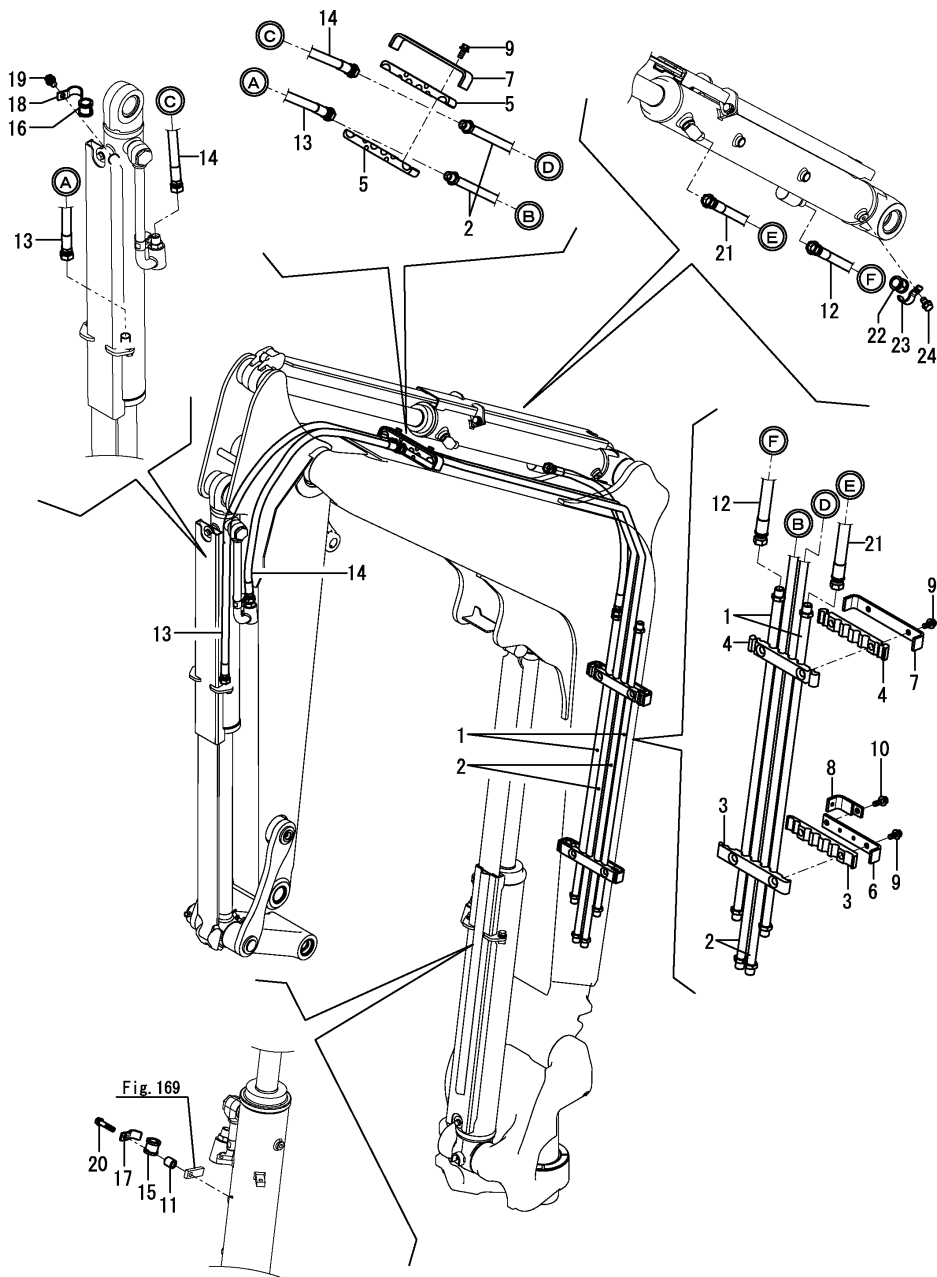
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.174. ARM CYLINDER & BUCKET CYLINDER

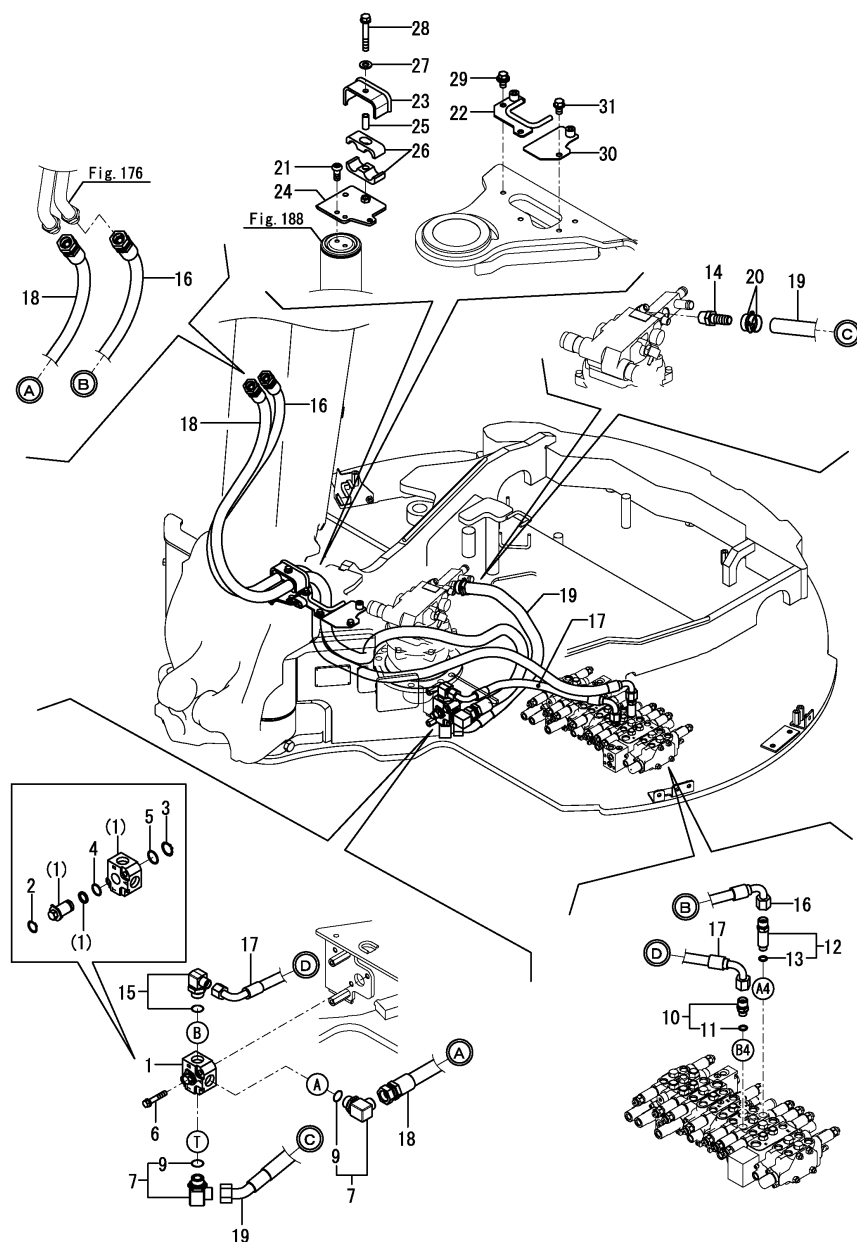
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-76220	TUBE ASSY,ARM	2	2						
2	1	172B04-76250	TUBE ASSY,BUCKET	2	2						
3	1	172B03-76400	RUBBER, CLAMP	2	2						
4	1	172B03-76410	RUBBER, CLAMP	2	2						
5	1	172B04-76420	RUBBER,CLAMP C	2	2						
6	1	172B03-76440	CLAMP, TUBE	1	1						
7	1	172B03-76450	CLAMP, TUBE	2	2						
8	1	172B03-76470	CLAMP ASSY, BOOM	1	1						
9	1	26014-100252	BOLT, M10X 25	5	5						
10	1	26014-100302	BOLT, M10X 30	1	1						
11	1	172A47-76460	COLLAR	1	1						
12	1	172B04-78400	HOSE, H108BB078K	1	1						
13	1	172B04-78420	HOSE, H108BB138K	1	1						
14	1	172B04-78430	HOSE, H108BB103K	1	1						
15	1	172B03-79861	RUBBER,HOSE CLAMP	1	1						
16	1	172B03-79861	RUBBER,HOSE CLAMP	1	1						
17	1	172B03-79871	CLAMP,HOSE	1	1						
18	1	172B03-79871	CLAMP,HOSE	1	1						
19	1	26013-100162	BOLT, M10X 16	1	1						
20	1	26013-100452	BOLT, M10X 45	1	1						
21	1	172B04-78410	HOSE, H108BB143K	1	1						
22	1	172B03-79861	RUBBER,HOSE CLAMP	1	1						
23	1	172B03-79871	CLAMP,HOSE	1	1						
24	1	26013-100162	BOLT, M10X 16	1	1						

Fig.175. P.T.O.(CONTROL VALVE - BOOM)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-74121	VALVE ASSY, SELECOR	1	1						
2	2	22242-000210	RING, 21	1	1						
3	2	22242-000250	RING, 25	1	1						
4	2	24315-000210	O-RING, 1BP21.0	1	1						
5	2	24315-000250	O-RING, 1BP25.0	1	1						
6	1	26013-100552	BOLT, M10X 55	2	2						
7	1	172141-76090	CONNECTOR, PF3/4L	2	2						
9	2	24315-000240	O-RING, 1BP24.0	2	2						
10	1	172B03-76110	CONNECTOR, G1/2X3/8	1	1						
11	2	41851-000140	O-RING	1	1						
12	1	172B03-76160	CONNECTOR, G1/2X3/8M	1	1						
13	2	41851-000140	O-RING	1	1						
14	1	172165-76220	NIPPLE	1	1						
15	1	172534-76760	ELBOW	1	1						
16	1	172B04-79110	HOSE, G110BC237K	1	1						
17	1	172B04-79121	HOSE, H108CC048S	1	1						
18	1	172B04-79130	HOSE, G112BB269K	1	1						
19	1	172B04-79140	HOSE, G612EY069S	1	1						
20	1	23001-035000	CLAMP, HOSE 35	2	2						
21	1	172458-46720	BOLT	2	2						
22	1	172B04-77600	GUIDE ASSY,PTO	1	1						
23	1	172B04-77650	CLAMP ASSY,HOSE PTO	1	1						
24	1	172B04-77851	CLAMP, PTO	1	1						
25	1	172455-79140	COLLAR, CLAMP	1	1						
26	1	172455-79180	RUBBER, CLAMP	2	2						
27	1	22137-100000	WASHER, 10	1	1						
28	1	26013-100652	BOLT, M10X 65	1	1						
29	1	26014-100202	BOLT, M10X 20	2	2						
30	1	172B04-77750	COVER ASSY,NO Q K	1	1						1
31	1	26106-100162	BOLT, M10X 16 PLATED	1	1						

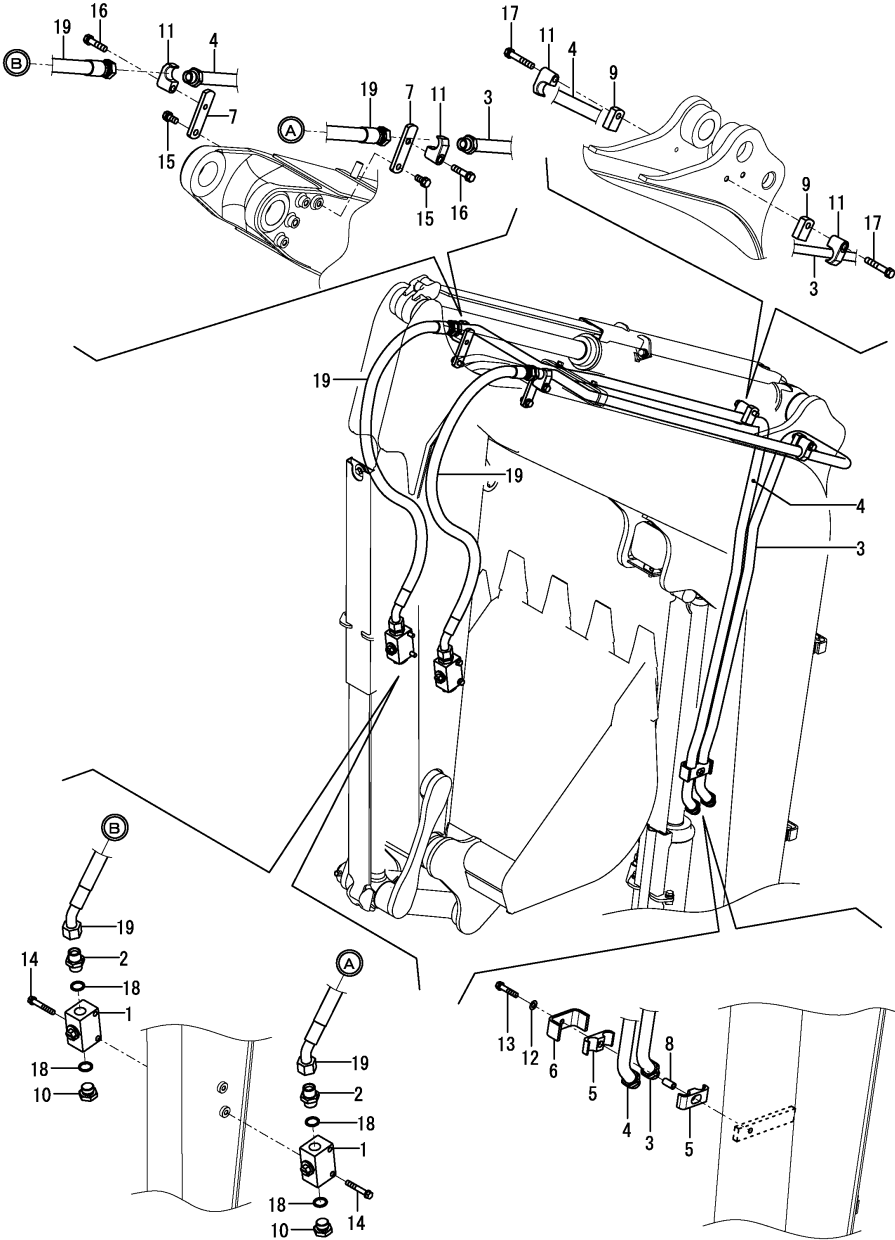
Remarks

(1)Not applied for quick coupler specification.

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.176. P.T.O.(BOOM - ARM END)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

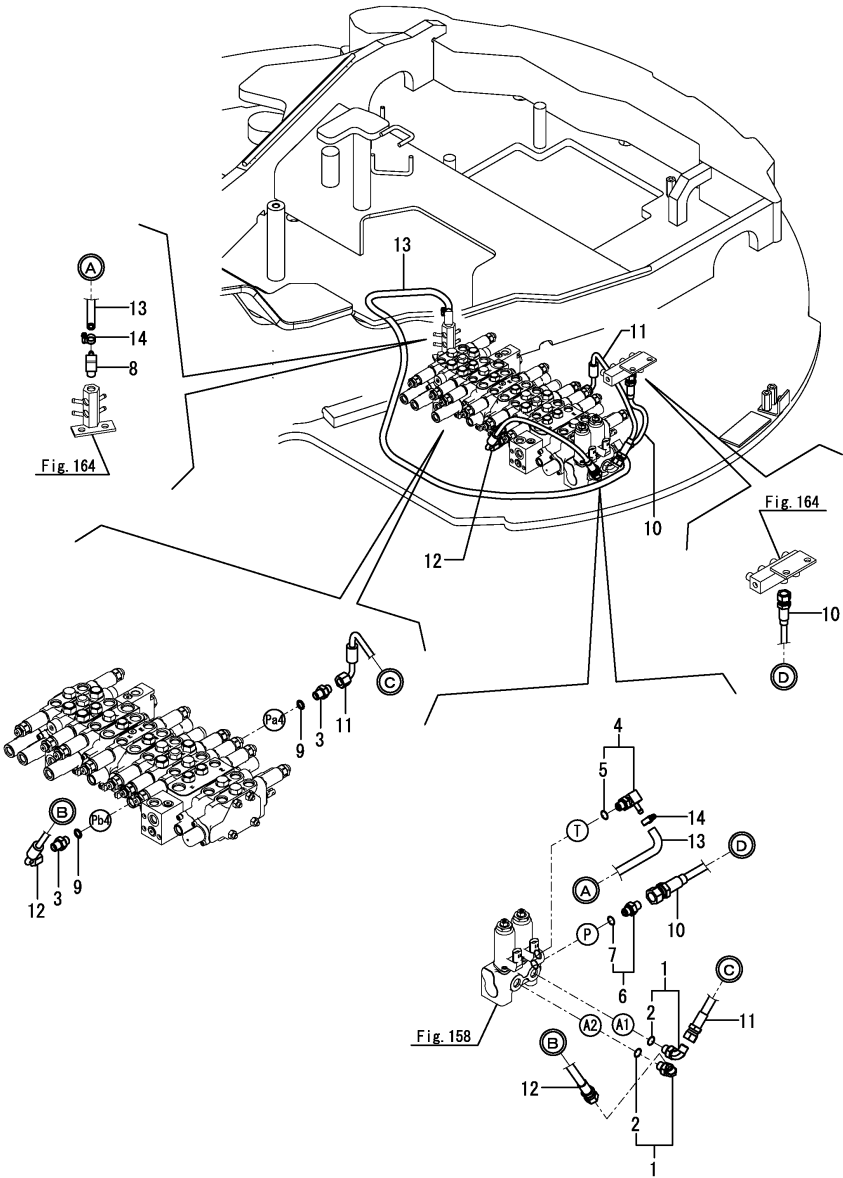
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-74900	VALVE ASSY,STOP G3/4	2	2						
2	1	172142-76240	JOINT	2	2						
3	1	172B04-76350	TUBE ASSY,PTO L	1	1						
4	1	172B04-76370	TUBE ASSY,PTO R	1	1						
5	1	172A69-76410	CLAMP, RUBBER	2	2						
6	1	172A69-76440-Y	CLAMP, TUBE	1	1						
7	1	172B03-76511	STAY, CLAMP PTO	2	2						
8	1	172187-76520	COLLAR, CLAMP	1	1						
9	1	172187-76690-Y	PLATE	2	2						
10	1	172162-76850	PLUG PF3/4	2	2						1
11	1	172142-76941	CLAMP,3/4	4	4						
12	1	22137-100000	WASHER, 10	1	1						
13	1	26013-100502	BOLT, M10X 50	1	1						
14	1	26013-100652	BOLT, M10X 65	4	4						
15	1	26013-120252	BOLT, M12X 25	2	2						
16	1	26014-120552	BOLT, M12X 55	2	2						
17	1	26014-120752	BOLT, 12 X 75	2	2						
18	1	41851-000240	O-RING	4	4						
19	1	172B04-79170	HOSE, H112BE122W	2	2						

Remarks
(1)Refer to Fig.204 when installing a device with the cap diameter R(PT)1/2.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

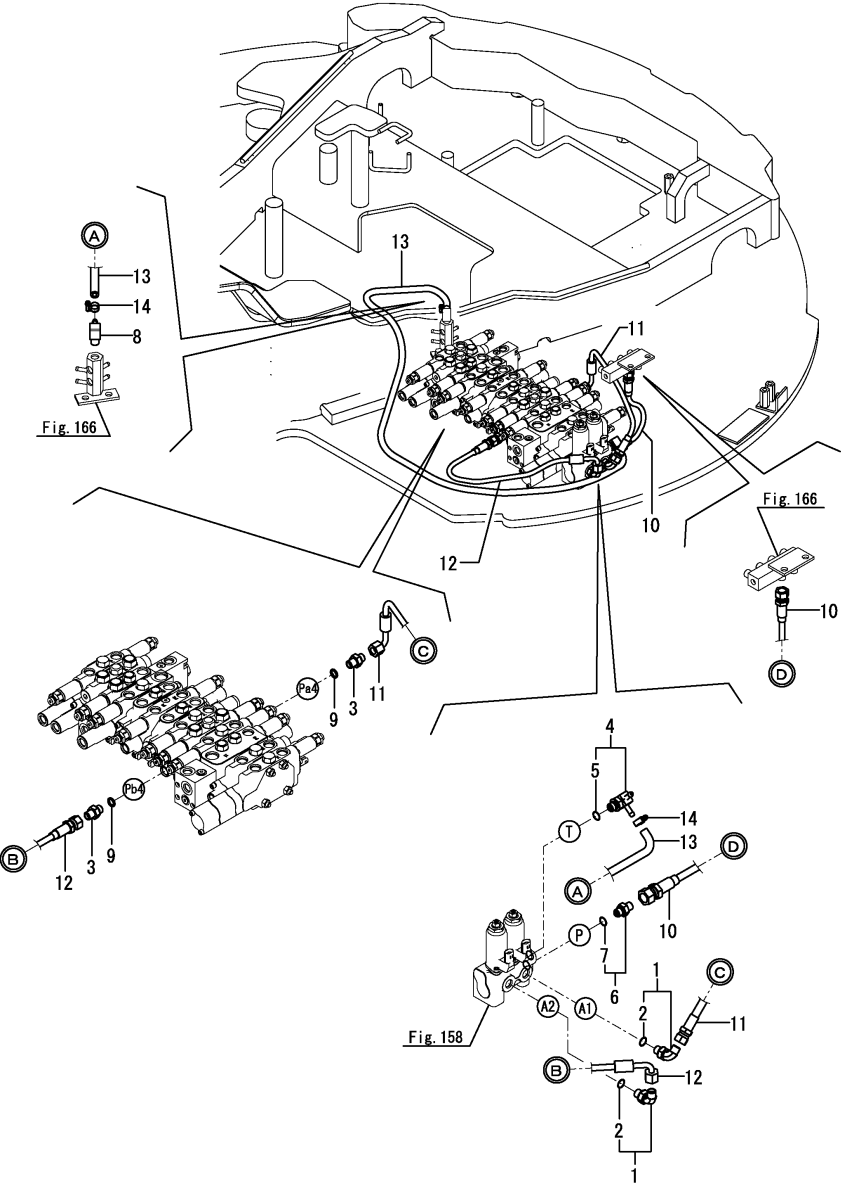
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	2	2						
2	2	41851-000110	O-RING	2	2						
3	1	172123-76121	ADAPTER	2	2						
4	1	172458-76150	NIPPLE, ELBOW	1	1						
5	2	24315-000110	O-RING, 1BP11.0	1	1						
6	1	172B03-76180	CONNECTOR,FILT G1/4	1	1						
7	2	41851-000110	O-RING	1	1						
8	1	172186-76390	NIPPLE, ELBOW	1	1						
9	1	41851-000110	O-RING	2	2						
10	1	172B03-79211	HOSE, H603BB029S	1	1						
11	1	172B03-79230	HOSE, F403BC041S	1	1						
12	1	172B03-79241	HOSE, F403BC050S	1	1						
13	1	172B04-79250	HOSE, G804YY155S	1	1						
14	1	23000-013000	CLAMP, 13	2	2						



Remarks
* Not applied for angle blade specification.

Fig.178. P.T.O.(SOLENOID VALVE)(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	2	2						
2	2	41851-000110	O-RING	2	2						
3	1	172123-76121	ADAPTER	2	2						
4	1	172A79-76140	NIPPLE, G1/4	1	1						
5	2	41851-000110	O-RING	1	1						
6	1	172B03-76180	CONNECTOR,FILT G1/4	1	1						
7	2	41851-000110	O-RING	1	1						
8	1	172186-76390	NIPPLE, ELBOW	1	1						
9	1	41851-000110	O-RING	2	2						
10	1	172B03-79211	HOSE, H603BB029S	1	1						
11	1	172B03-79230	HOSE, F403BC041S	1	1						
12	1	172B03-79241	HOSE, F403BC050S	1	1						
13	1	172B04-79250	HOSE, G804YY155S	1	1						
14	1	23000-013000	CLAMP, 13	2	2						

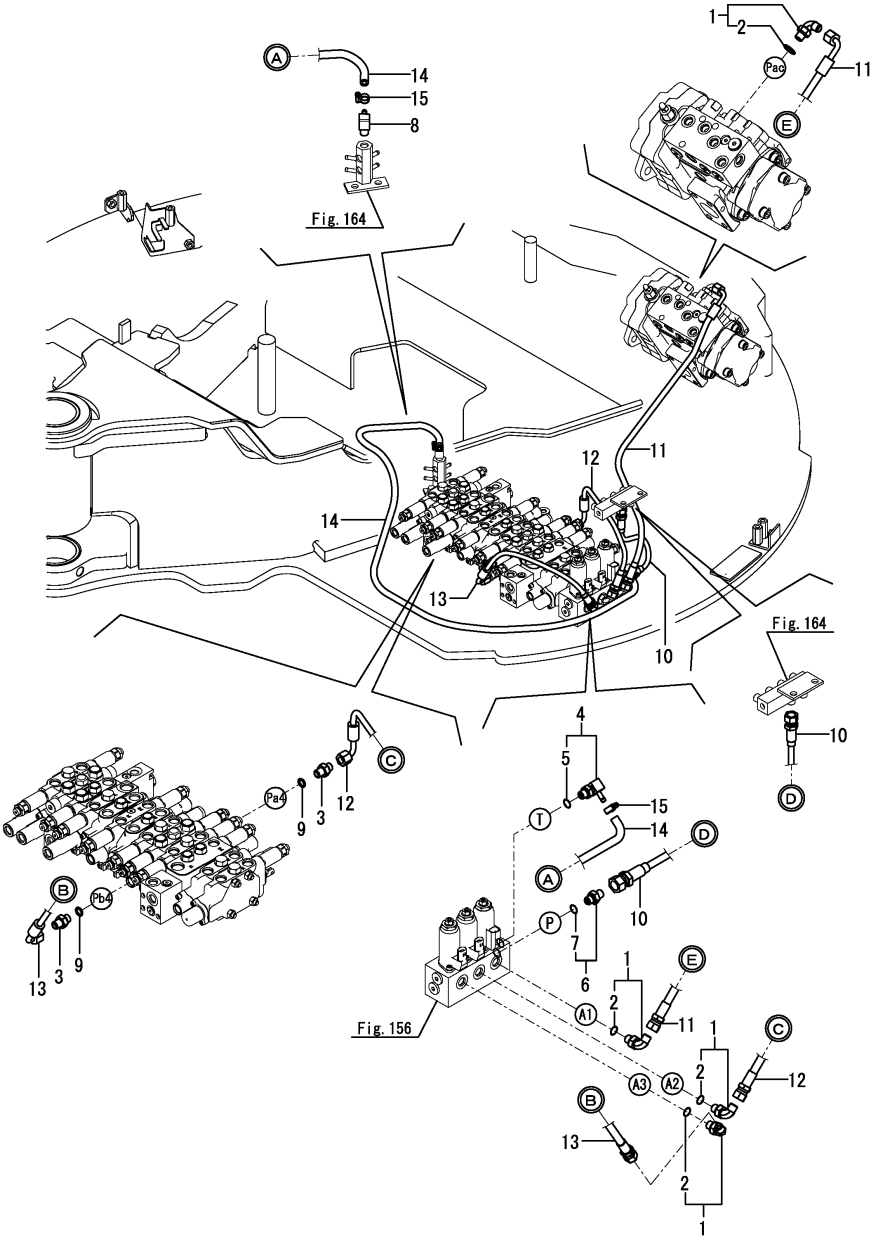
Remarks
* Exclusive figure for angle blade specification.

Fig.179. P.T.O.(SOLENOID VALVE & E.S.S.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

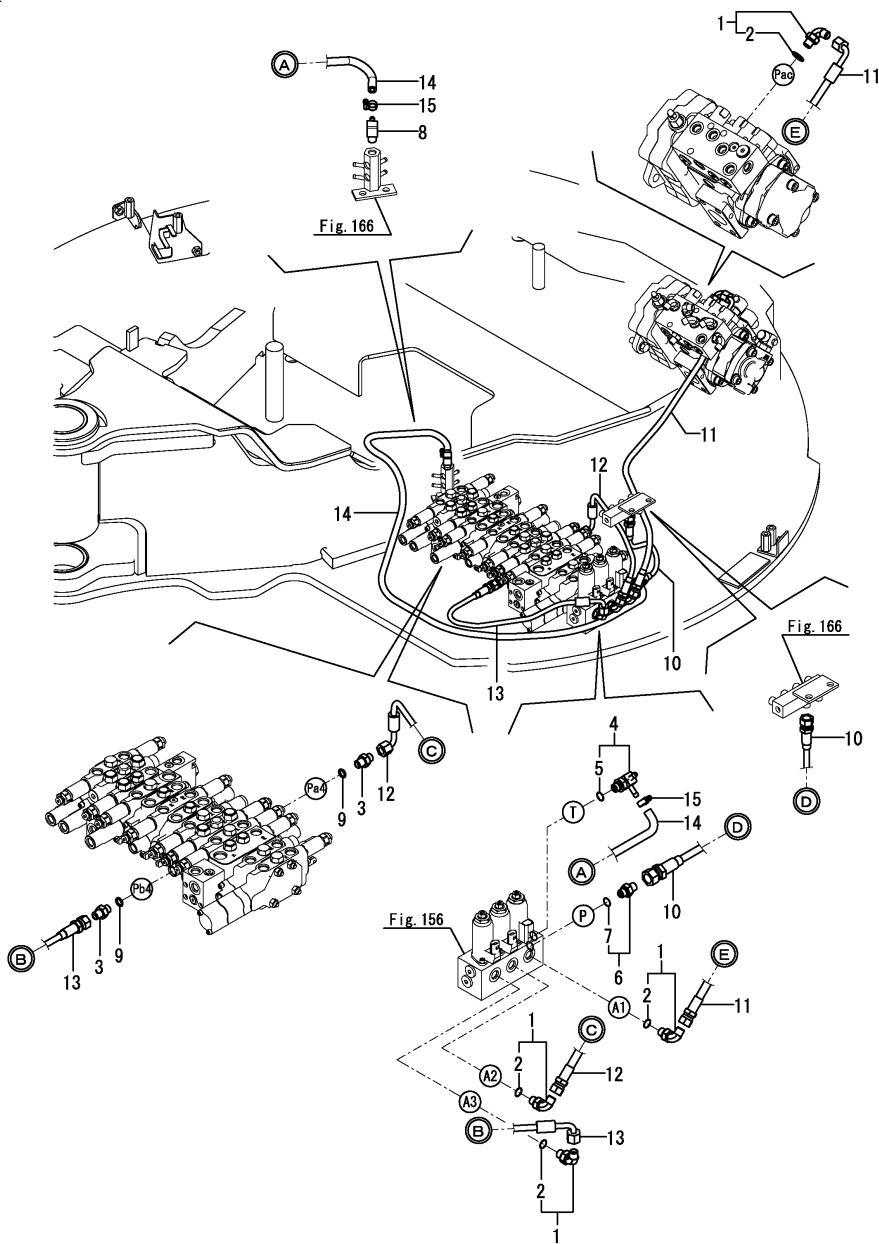
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW		4						
2	2	41851-000110	O-RING		4						
3	1	172123-76121	ADAPTER		2						
4	1	172458-76150	NIPPLE, ELBOW		1						
5	2	24315-000110	O-RING, 1BP11.0		1						
6	1	172B03-76180	CONNECTOR,FILT G1/4		1						
7	2	41851-000110	O-RING		1						
8	1	172186-76390	NIPPLE, ELBOW		1						
9	1	41851-000110	O-RING		2						
10	1	172B03-79211	HOSE, H603BB029S		1						
11	1	172B04-79221	HOSE, F403BC081S		1						
12	1	172B03-79230	HOSE, F403BC041S		1						
13	1	172B03-79241	HOSE, F403BC050S		1						
14	1	172B04-79250	HOSE, G804YY155S		1						
15	1	23000-013000	CLAMP, 13		2						



Remarks
* Not applied for angle blade specification.

Fig.180. P.T.O.(SOLENOID VALVE & E.S.S.)(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW		4						
2	2	41851-000110	O-RING		4						
3	1	172123-76121	ADAPTER		2						
4	1	172A79-76140	NIPPLE, G1/4		1						
5	2	41851-000110	O-RING		1						
6	1	172B03-76180	CONNECTOR,FILT G1/4		1						
7	2	41851-000110	O-RING		1						
8	1	172186-76390	NIPPLE, ELBOW		1						
9	1	41851-000110	O-RING		2						
10	1	172B03-79211	HOSE, H603BB029S		1						
11	1	172B04-79221	HOSE, F403BC081S		1						
12	1	172B03-79230	HOSE, F403BC041S		1						
13	1	172B03-79241	HOSE, F403BC050S		1						
14	1	172B04-79250	HOSE, G804YY155S		1						
15	1	23000-013000	CLAMP, 13		2						

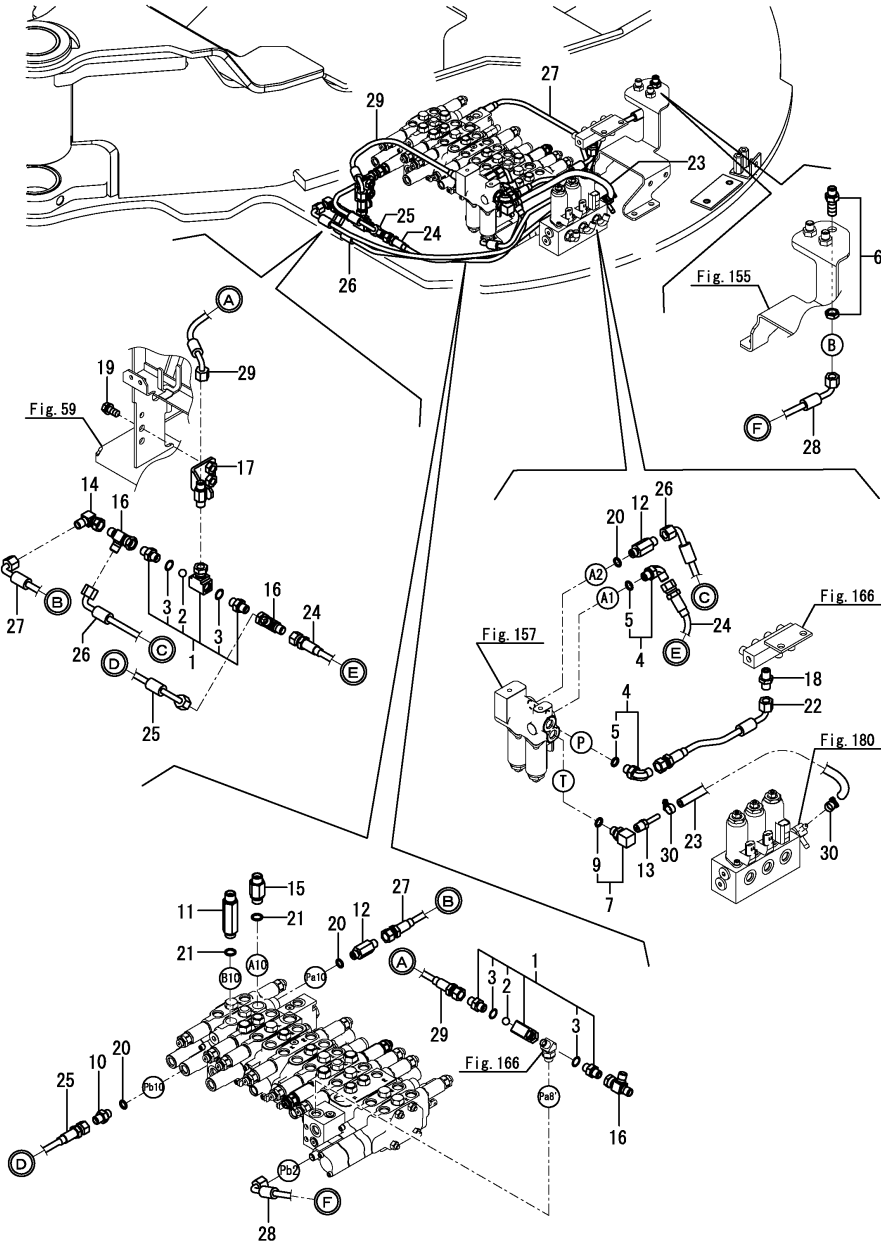
Remarks
* Exclusive figure for angle blade specification.

Fig.181. P.T.O.2(ANGLE BLADE SPEC.)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

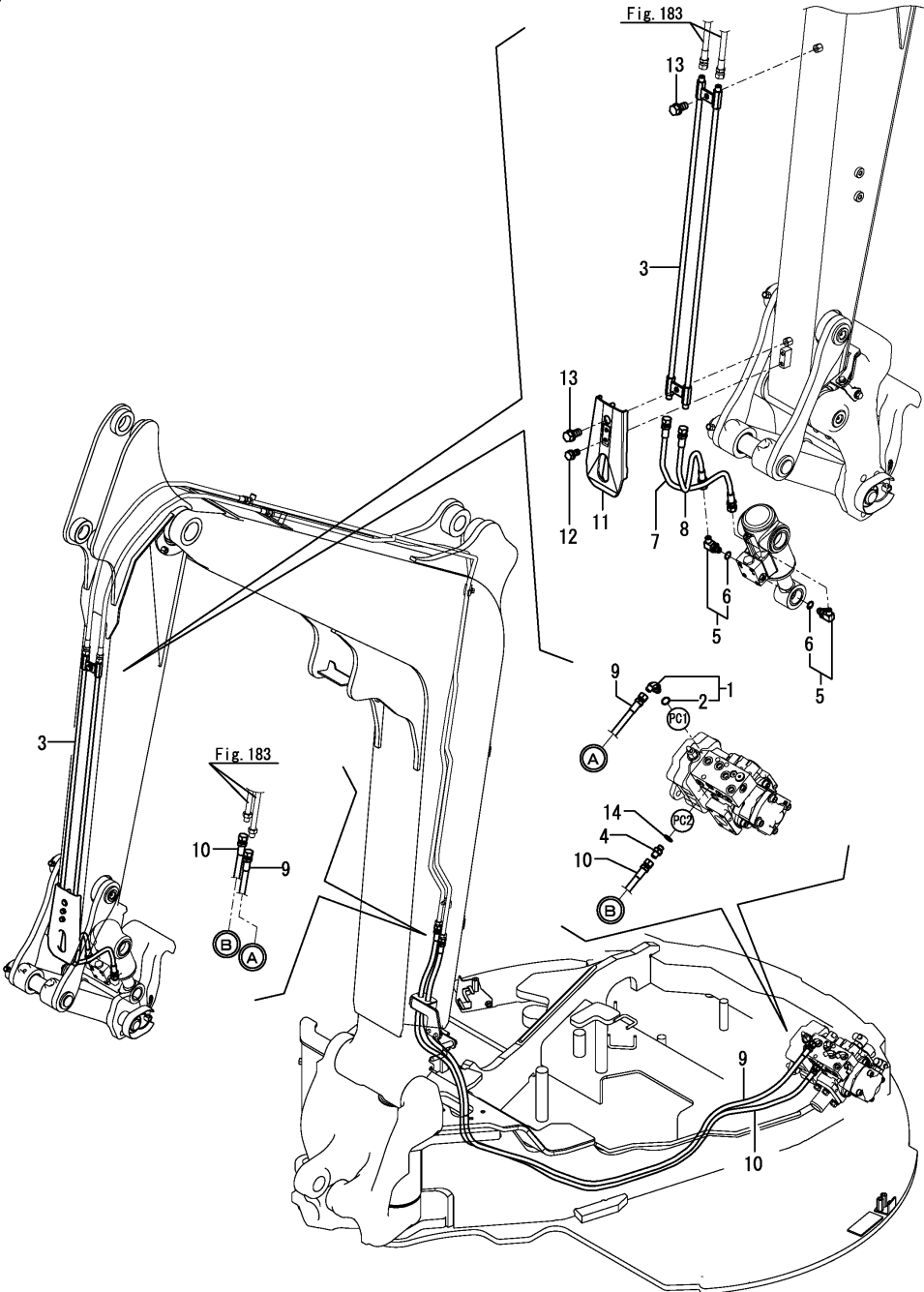
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A86-74500	VALVE, SHUTTLE	2	2						
2	2	24190-140001	BALL, STEEL 7/16	2	2						
3	2	41851-000110	O-RING	4	4						
4	1	172B03-76010	ELBOW	2	2						
5	2	41851-000110	O-RING	2	2						
6	1	172151-76050	JOINT	1	1						
7	1	172137-76100	ELBOW	1	1						
9	2	24315-000110	O-RING, 1BP11.0	1	1						
10	1	172123-76121	ADAPTER	1	1						
11	1	172162-76131	ADAPTER	1	1						
12	1	172183-76200	CONNECTOR	2	2						
13	1	172141-76220	NIPPLE, 02	1	1						
14	1	172828-76330	CONNECTOR, 1/4X1/4	1	1						
15	1	172116-76381	ADAPTER, 64	1	1						
16	1	172B03-76620	CONNECTOR,3-G1/4	3	3						
17	1	172B03-76650	STAY ASSY, SHUTTLE V	1	1						
18	1	23391-020000	JOINT, RGI-1/4	1	1						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	41851-000110	O-RING	3	3						
21	1	41851-000140	O-RING	2	2						
22	1	172B03-79280	HOSE, F403BC026S	1	1						
23	1	172B03-79290	HOSE, G804YY034S	1	1						
24	1	172B03-79360	HOSE, F403BB042S	1	1						
25	1	172B03-79370	HOSE, F403BC028S	1	1						
26	1	172B03-79380	HOSE, F403CC062S	1	1						
27	1	172B03-79390	HOSE, F403BC137S	1	1						
28	1	172B03-79590	HOSE, F403CC065S	1	1						
29	1	172B05-79790	HOSE, F403BC043S	1	1						
30	1	23000-013000	CLAMP, 13	2	2						



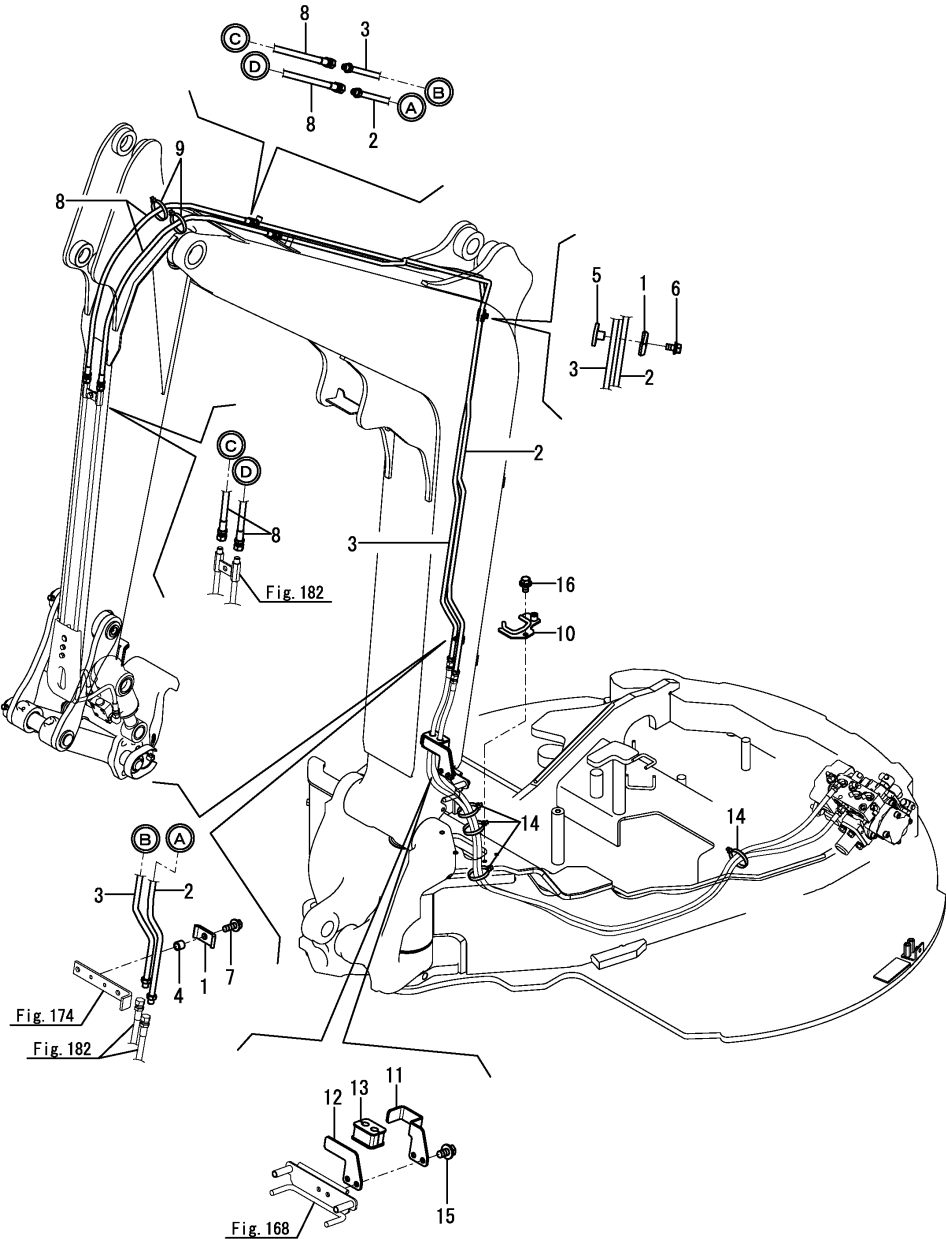
Remarks
* Exclusive figure for angle blade specification.

Fig.182. QUICK COUPLER(HYD. OIL PIPING)(1)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1	1						
2	2	41851-000110	O-RING	1	1						
3	1	172960-76100-Y	TUBE, HITCH	1	1						
4	1	172123-76121	ADAPTER	1	1						
5	1	172958-76130	ELBOW	2	2						
6	2	24315-000110	O-RING, 1BP11.0	2	2						
7	1	172958-78120	HOSE	1	1						
8	1	172958-78160	HOSE	1	1						
9	1	172B04-79011	HOSE, H604BB261K	1	1						
10	1	172B04-79021	HOSE, H604BB268K	1	1						
11	1	172Q04-81950-Y	COVER,ARM	1	1						
12	1	26013-080162	BOLT, M8X 16	2	2						
13	1	26013-100202	BOLT, M10X 20	2	2						
14	1	41851-000110	O-RING	1	1						

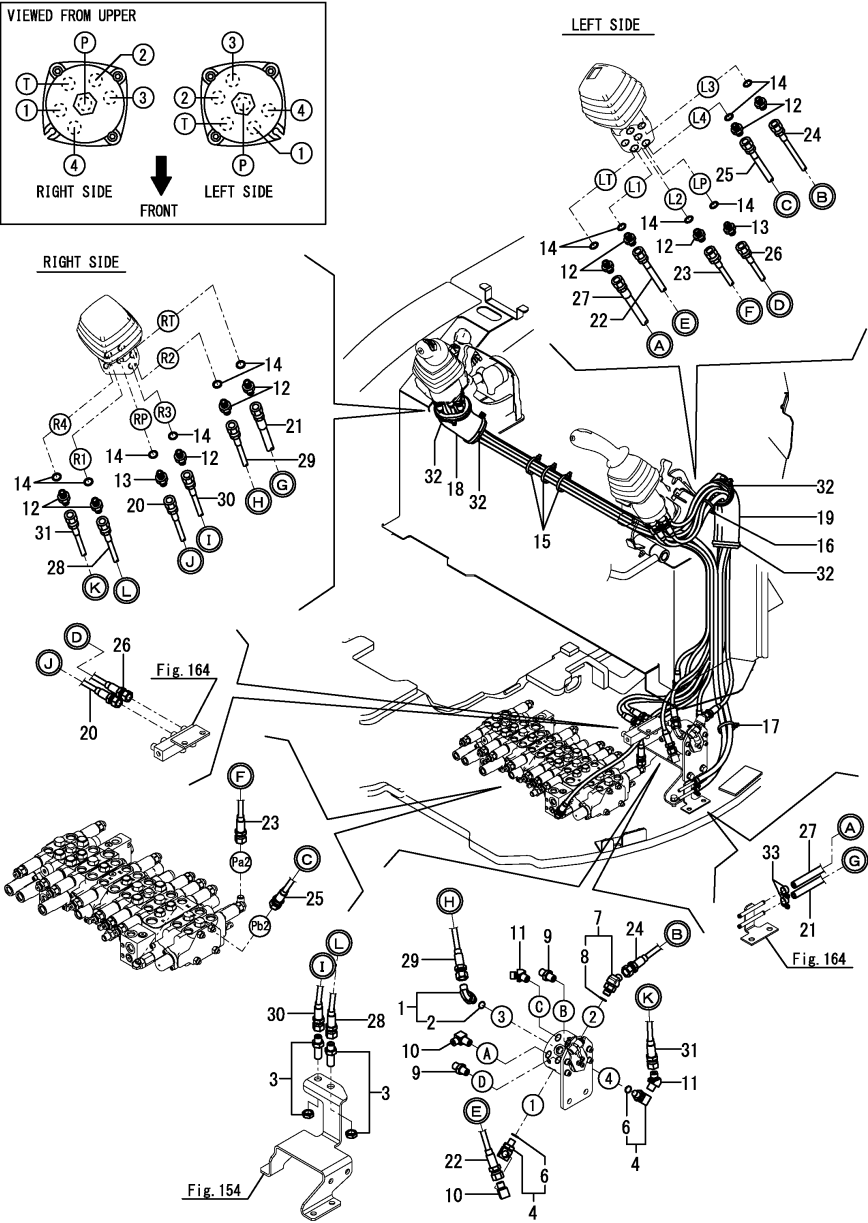
Fig.183. QUICK COUPLER(HYD. OIL PIPING)(2)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170-5	PLATE	2	2						
2	1	172B04-76550	TUBE ASSY,L QH	1	1						
3	1	172B04-76570	TUBE ASSY,R QH	1	1						
4	1	172137-76580	COLLAR	1	1						
5	1	172B04-77400	CLAMP ASSY,TUBE	1	1						
6	1	26014-080162	BOLT, M8X 16	1	1						
7	1	26014-080252	BOLT, M8X 25	1	1						
8	1	172B04-79030	HOSE, H604BB104K	2	2						
9	1	172122-79890	CLAMP, HOSE	2	2						
10	1	172B04-77700	GUIDE ASSY,Q-K	1	1						
11	1	172B04-79650	PLATE,CLAMP A	1	1						
12	1	172B04-79660	PLATE,CLAMP B	1	1						
13	1	172B04-79680	RUBBER, CLAMP Q	1	1						
14	1	172122-79890	CLAMP, HOSE	4	4						
15	1	26014-100202	BOLT, M10X 20	2	2						
16	1	26014-100202	BOLT, M10X 20	1	1						



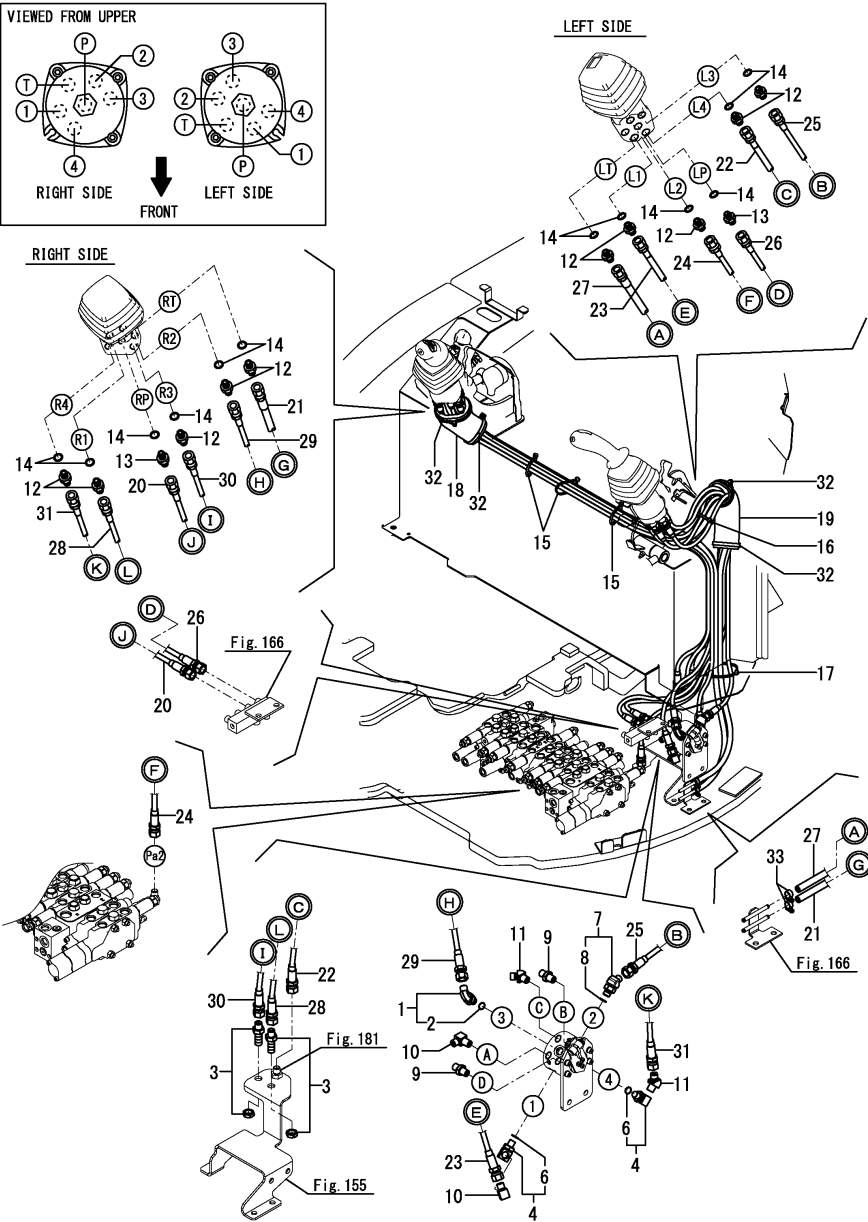
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1	1						
2	2	41851-000110	O-RING	1	1						
3	1	172151-76050	JOINT	2	2						
4	1	172137-76100	ELBOW	2	2						
6	2	24315-000110	O-RING, 1BP11.0	2	2						
7	1	172173-76102	CONNECTOR ASSY	1	1						
8	2	41851-000110	O-RING	1	1						
9	1	23391-020000	JOINT, RGI-1/4	2	2						
10	1	23393-020000	JOINT, 90RGI-1/4	2	2						
11	1	23394-020000	JOINT, 45RGI-1/4	2	2						
12	1	172123-76121	ADAPTER	10	10						
13	1	172455-76220	CONNECTOR	2	2						
14	1	41851-000110	O-RING	12	12						
15	1	172126-11510	BAND	3	3						
16	1	172126-11510	BAND	1	1						
17	1	172183-16560	CLIP, HOSE	1	1						
18	1	172458-63641	SPONGE, HOSE	1	1						
19	1	172458-78571	SPONGE, HOSE	1	1						
20	1	172B03-78910	HOSE, F403BB165S	1	1						
21	1	172B03-78920	HOSE, G804BY165S	1	1						
22	1	172B03-79610	HOSE, F403BB110S	1	1						
23	1	172B03-79620	HOSE, F403BB113S	1	1						
24	1	172B03-79630	HOSE, F403BB095S	1	1						
25	1	172B03-79640	HOSE, F403BB138S	1	1						
26	1	172B03-79650	HOSE, F403BB110S	1	1						
27	1	172B03-79660	HOSE, G804BY115S	1	1						
28	1	172B03-79670	HOSE, F403BB140S	1	1						
29	1	172B03-79680	HOSE, F403BB148S	1	1						
30	1	172B03-79690	HOSE, F403BB136S	1	1						
31	1	172B03-79700	HOSE, F403BB148S	1	1						
32	1	172122-79930	CLAMP, HOSE	4	4						
33	1	23000-013000	CLAMP, 13	2	2						

Remarks
* Fitting(control valve) is shown in Fig.163 & 164.
* Not applied for angle blade specification.

Fig.185. CONTROL PIPING(1)(ANGLE BLADE SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

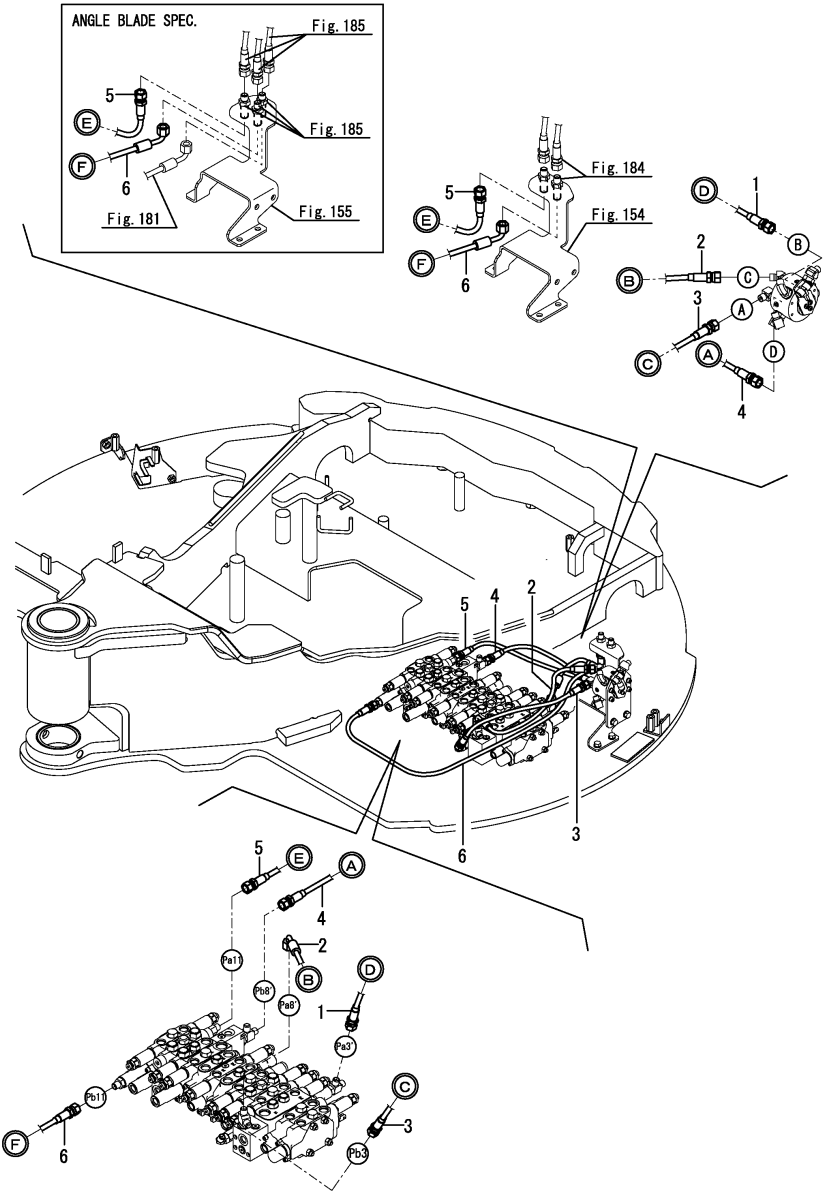
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1	1						
2	2	41851-000110	O-RING	1	1						
3	1	172151-76050	JOINT	2	2						
4	1	172137-76100	ELBOW	2	2						
6	2	24315-000110	O-RING, 1BP11.0	2	2						
7	1	172173-76102	CONNECTOR ASSY	1	1						
8	2	41851-000110	O-RING	1	1						
9	1	23391-020000	JOINT, RGI-1/4	2	2						
10	1	23393-020000	JOINT, 90RGI-1/4	2	2						
11	1	23394-020000	JOINT, 45RGI-1/4	2	2						
12	1	172123-76121	ADAPTER	10	10						
13	1	172455-76220	CONNECTOR	2	2						
14	1	41851-000110	O-RING	12	12						
15	1	172126-11510	BAND	3	3						
16	1	172126-11510	BAND	1	1						
17	1	172183-16560	CLIP, HOSE	1	1						
18	1	172458-63641	SPONGE, HOSE	1	1						
19	1	172458-78571	SPONGE, HOSE	1	1						
20	1	172B03-78910	HOSE, F403BB165S	1	1						
21	1	172B03-78920	HOSE, G804BY165S	1	1						
22	1	172B03-79580	HOSE, F403BB083S	1	1						
23	1	172B03-79610	HOSE, F403BB110S	1	1						
24	1	172B03-79620	HOSE, F403BB113S	1	1						
25	1	172B03-79630	HOSE, F403BB095S	1	1						
26	1	172B03-79650	HOSE, F403BB110S	1	1						
27	1	172B03-79660	HOSE, G804BY115S	1	1						
28	1	172B03-79670	HOSE, F403BB140S	1	1						
29	1	172B03-79680	HOSE, F403BB148S	1	1						
30	1	172B03-79690	HOSE, F403BB136S	1	1						
31	1	172B03-79700	HOSE, F403BB148S	1	1						
32	1	172122-79930	CLAMP, HOSE	4	4						
33	1	23000-013000	CLAMP, 13	2	2						

Remarks
* Exclusive figure for angle blade specification.
* Fitting(control valve) is shown in Fig.165 & 166.

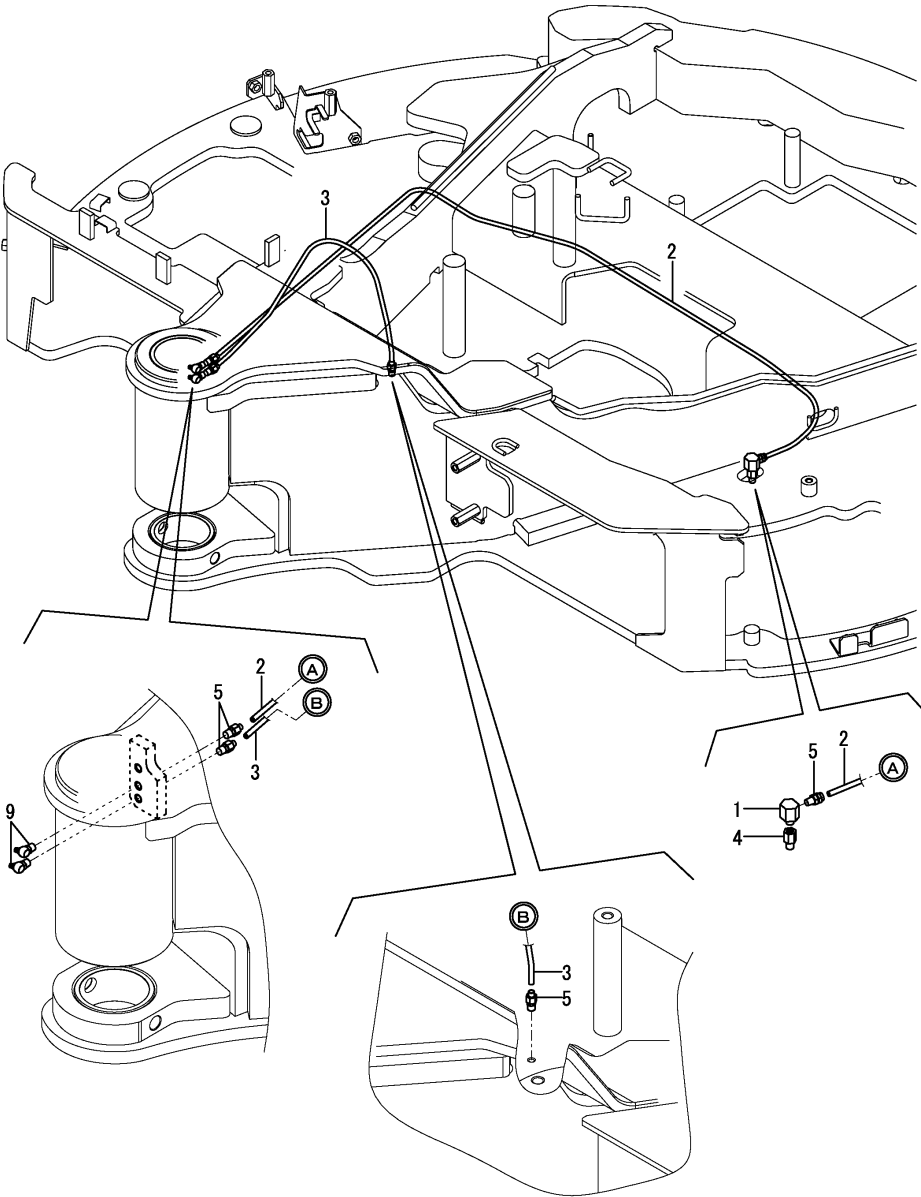
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-79510	HOSE, F403BC023	1	1						
2	1	172B03-79520	HOSE, F403BC045S	1	1						
3	1	172B03-79530	HOSE, F403BB047S	1	1						
4	1	172B03-79540	HOSE, F403BB047S	1	1						
5	1	172B03-79550	HOSE, F403BB050S	1	1						
6	1	172B03-79560	HOSE, F403BC111S	1	1						



Remarks
* Standard blade specification : Fitting(control valve) is shown in Fig.163 & 164.
* Angle blade specification : Fitting(control valve) is shown in Fig.165 & 166.

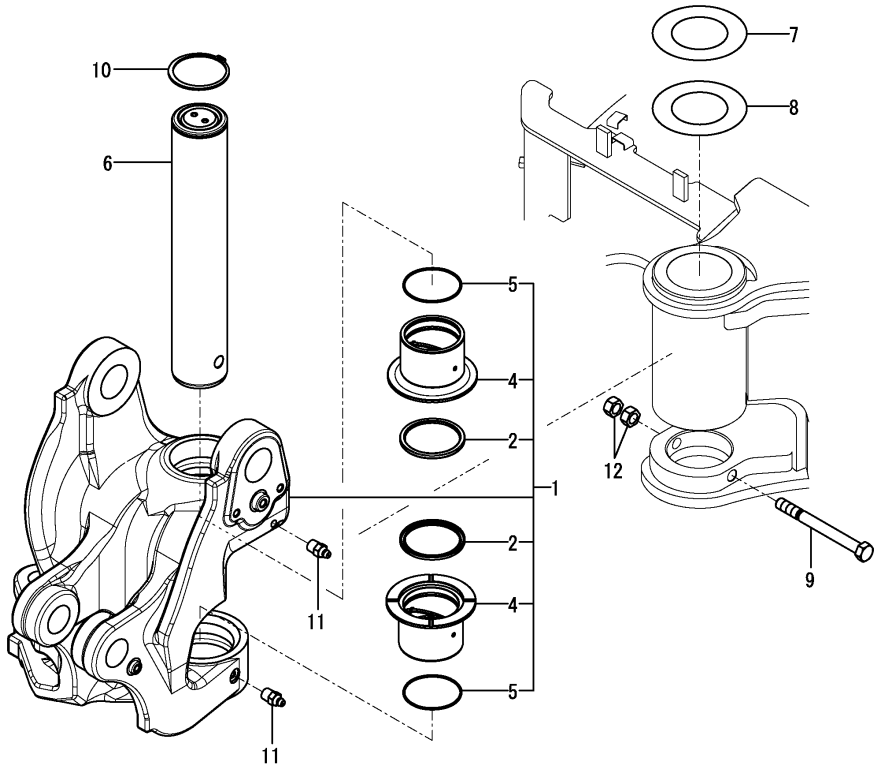


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172112-77480	ELBOW	1	1						
2	1	172B04-77800	HOSE, P602YY150	1	1						
3	1	172B04-77810	HOSE, P602YY061	1	1						
4	1	172312-77820	FITTING, GREASE	1	1						
5	1	172A47-77820	JOINT, GREASE	4	4						
9	1	24761-040000	NIPPLE, GREASE B	2	2						

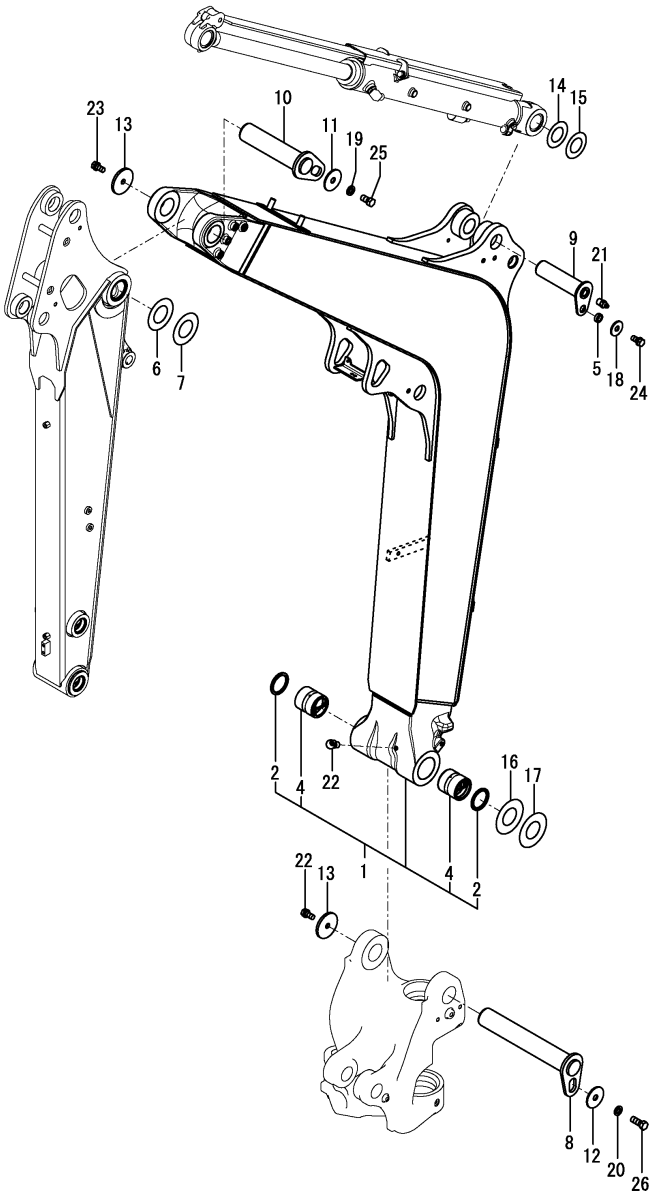
Fig.188. BOOM BRACKET



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-82300	BRACKET ASSY, BOOM	1	1						
2	2	172455-81380	SEAL, DUST 90X105X6	2	2						
4	2	172B04-82320	BUSH, 105X90	2	2						
5	2	24321-000900	O-RING, 1AG90.0	2	2						
6	1	172B04-82350	PIN ASSY, 90X507	1	1						
7	1	172B04-82380	SHIM, 90X150X0.5	1	1						
8	1	172B04-82390	SHIM,90X150X0.8	1	1						
9	1	172455-83480	BOLT 18X190	1	1						
10	1	22242-000900	RING, 90	1	1						
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
12	1	26716-180002	NUT, M18	2	2						

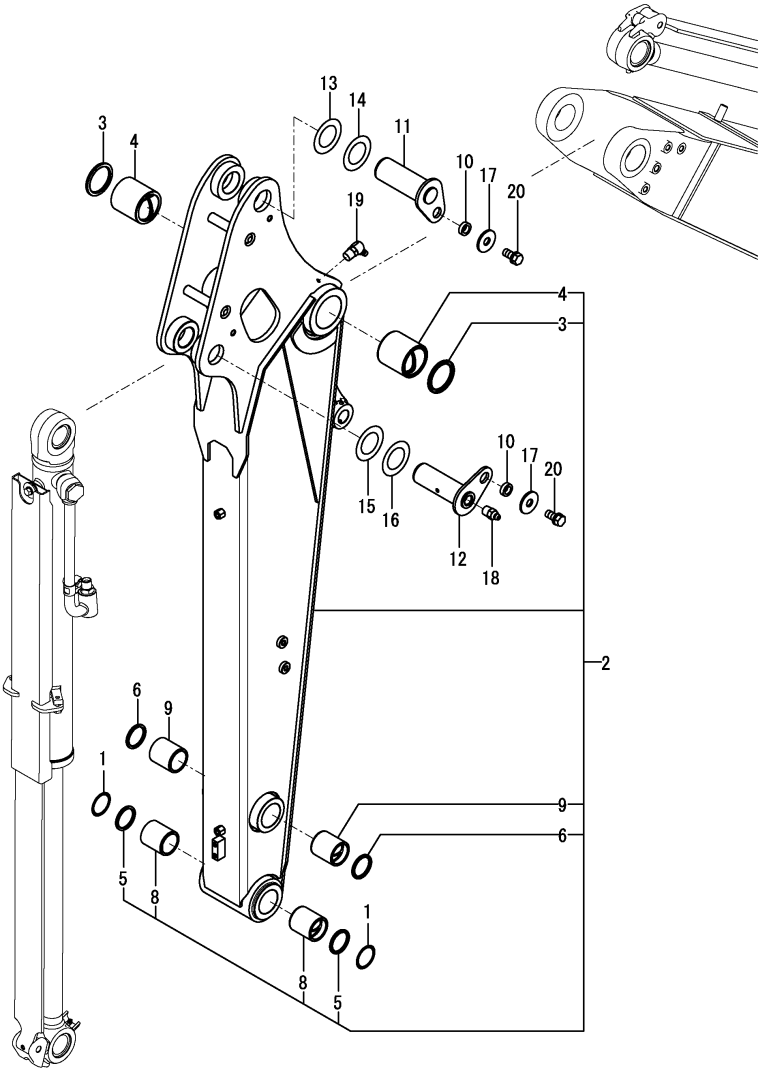


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-81100	BOOM ASSY	1	1						1
2	2	172020-10620	SEAL, DUST	2	2						
4	2	172460-81400	BUSH	2	2						
4A	1	172437-03461	LABEL, BOOM	2	2						2
5	1	172164-81670	SPACER	1	1						
6	1	172175-81700	SHIM	1	1						
7	1	172175-81710	SHIM	1	1						
8	1	172B04-81800	PIN ASSY, 60X385	1	1						
9	1	172B04-81840	PIN ASSY, 50X189	1	1						
10	1	172A47-81921	PIN ASSY, 60X255	1	1						
11	1	172187-81970	WASHER	1	1						
12	1	172187-81970	WASHER	1	1						
13	1	172147-82140	WASHER	2	2						
14	1	172165-82520	SHIM	1	1						
15	1	172165-82530	SHIM	1	1						
16	1	172162-83560	SHIM	1	1						
17	1	172162-83570	SHIM	1	1						
18	1	22157-120000	WASHER, 12	1	1						
19	1	22217-140000	WASHER, SPRING 14	1	1						
20	1	22217-140000	WASHER, SPRING 14	1	1						
21	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
22	1	24761-040000	NIPPLE, GREASE B	1	1						
23	1	26013-120252	BOLT, M12X 25	2	2						
24	1	26013-120252	BOLT, M12X 25	1	1						
25	1	26116-140252	BOLT, M14X 25 PLATED	1	1						
26	1	26116-140352	BOLT, M14X 35 PLATED	1	1						

Remarks
(1)Attach the No.4A label to this part.
(2)Label is not illustrated.



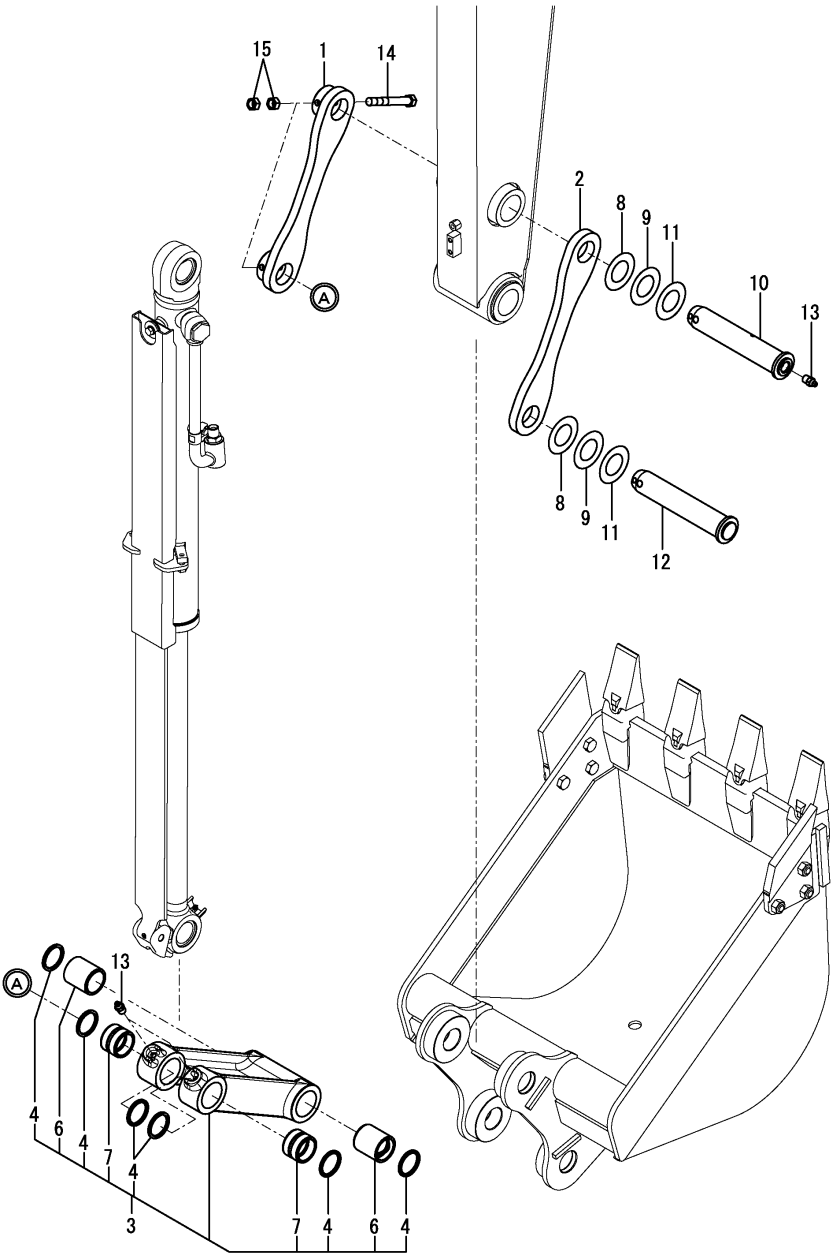
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172125-81280	O-RING	2	2						
2	1	172B04-81470	ARM ASSY, 1450 THUMB	1	1						1
3	2	172020-10620	SEAL, DUST	2	2						
4	2	172445-81360	BUSH	2	2						
5	2	172168-81410	SEAL, DUST	2	2						
6	2	172168-81410	SEAL, DUST	2	2						
8	2	172112-83500	BUSH, PIN	2	2						
9	2	172112-83500	BUSH, PIN	2	2						
9A	1	172472-03261	LABEL, FINGER	1	1						2
9B	1	172472-03330	LABEL, LOCK PIN	1	1						2
10	1	172164-81670	SPACER	2	2						
11	1	172B04-81870	PIN ASSY, 50X135	1	1						
12	1	172B04-81920	PIN ASSY, 45X135	1	1						
13	1	172165-82520	SHIM	1	1						
14	1	172165-82530	SHIM	1	1						
15	1	172165-82550	SHIM	1	1						
16	1	172165-82560	SHIM	1	1						
17	1	22157-120000	WASHER, 12	2	2						
18	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
19	1	24761-040000	NIPPLE, GREASE B	1	1						
20	1	26013-120252	BOLT, M12X 25	2	2						

Remarks
(1)Attach the No.9A & 9B label to this part.(Quick coupler specification)
(2)Label is not illustrated.

OCK50-M01380 IMPLEMENT
Fig.191. BUCKET ARM & LINK

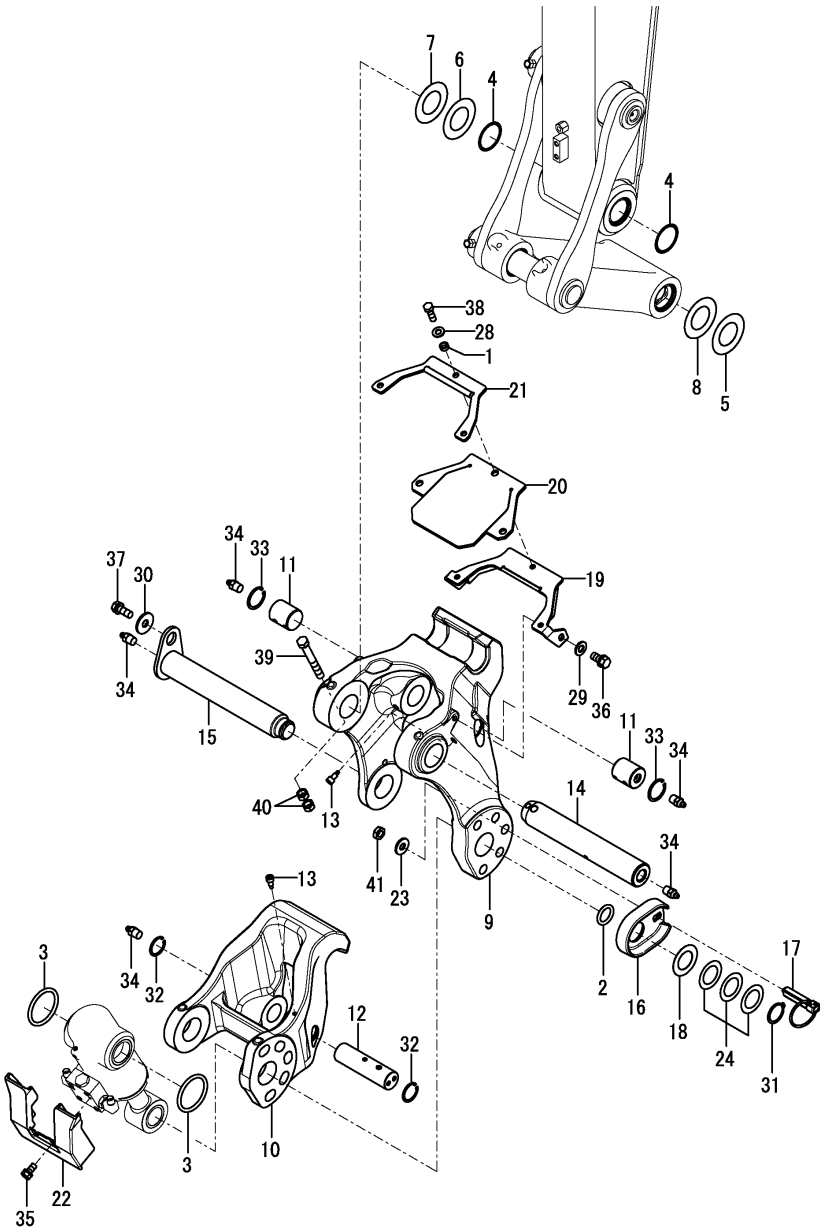


						OCK50-M01380 Fig.191					
						(A)=VIO50-6A P(US)	(D)=				
						(B)=VIO50-6A C(US)	(E)=				
						(C)=	(F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172460-82350-Y	ARM, BUCKET	1	1						
2	1	172460-82360-Y	ARM, BUCKET	1	1						
3	1	172460-82380-Y	LINK, BUCKET	1	1						
4	2	172168-81410	SEAL, DUST	6	6						
6	2	172112-83500	BUSH, PIN	2	2						
7	2	172112-86250	BUSH, PIN	2	2						
8	1	172165-82550	SHIM	2	2						
9	1	172165-82560	SHIM	2	2						
10	1	172460-82561	PIN ASSY, 45X217 A	1	1						
11	1	172165-82570	SHIM	2	2						
12	1	172460-82591	PIN ASSY, 45X217B	1	1						
13	1	24761-020000	NIPPLE, GREASE PT1/8	3	3						
14	1	26116-100802	BOLT, M10X 80 PLATED	2	2						
15	1	26716-100002	NUT, M10	4	4						

Fig.192. QUICK COUPLER(BODY)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

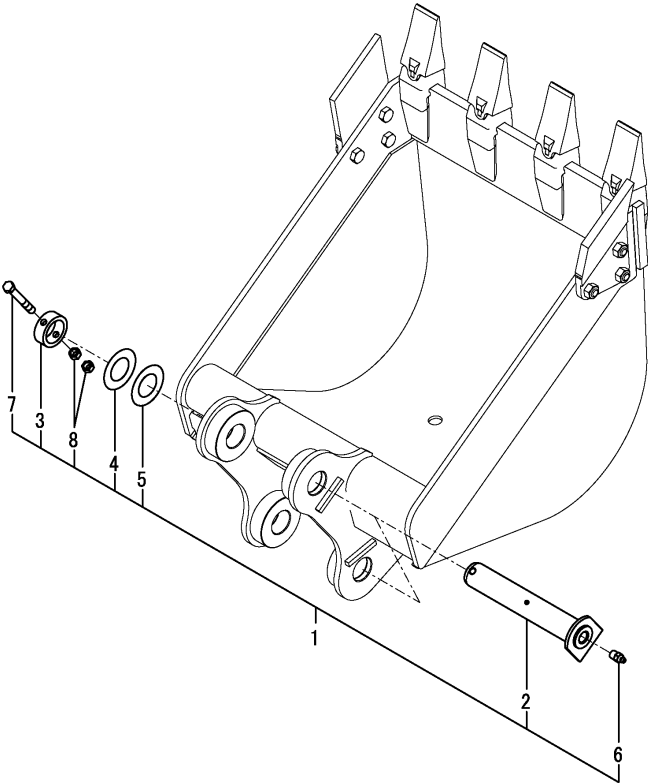
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17121	COLLAR, 9X4	3	3						
2	1	172124-46200	O-RING	1	1						
3	1	172171-81270	O-RING, 61X6.0	2	2						
4	1	172125-81280	O-RING	2	2						
5	1	172165-82550	SHIM	1	1						
6	1	172165-82550	SHIM	1	1						
7	1	172165-82560	SHIM	1	1						
8	1	172165-82560	SHIM	1	1						
9	1	172960-83102-Y	BRACKET,A	1	1						
10	1	172960-83113-Y	BRACKET,B	1	1						
11	1	172960-83121	PIN, 40X45.5	2	2						
12	1	172960-83131	PIN, 35X166	1	1						
13	1	172958-83140	BOLT	3	3						
14	1	172960-83141	PIN, 45X261	1	1						
15	1	172960-83152	PIN ASSY, 45X299	1	1						
16	1	172958-83171-Y	PLATE, LOCK	1	1						
17	1	172960-83192	PIN ASSY, LOCK	1	1						
18	1	172960-83210	COLLAR	1	1						
19	1	172960-83252-Y	GUARD ASSY	1	1						
20	1	172960-83282	PLATE, RUBBER	1	1						
21	1	172960-83292-Y	PLATE ASSY	1	1						
22	1	172960-83312-Y	COVER ASSY	1	1						
23	1	172958-83330	WASHER	1	1						
24	1	172141-84601	SHIM	1	1						
28	1	22137-080000	WASHER, 8	3	3						
29	1	22137-100000	WASHER, 10	2	2						
30	1	22157-120000	WASHER, 12	1	1						
31	1	22242-000350	RING, 35	1	1						
32	1	22252-000350	RING, 35	2	2						
33	1	22252-000400	RING, 40	2	2						
34	1	24761-020000	NIPPLE, GREASE PT1/8	5	5						
35	1	26013-080162	BOLT, M8X 16	2	2						
36	1	26013-100202	BOLT, M10X 20	2	2						
37	1	26013-120302	BOLT, M12X 30	1	1						
38	1	26116-080252	BOLT, M8X 25 PLATED	3	3						
39	1	26116-100802	BOLT, M10X 80 PLATED	1	1						
40	1	26716-100002	NUT, M10	2	2						
41	1	26756-060002	NUT, LOCK M6	1	1						

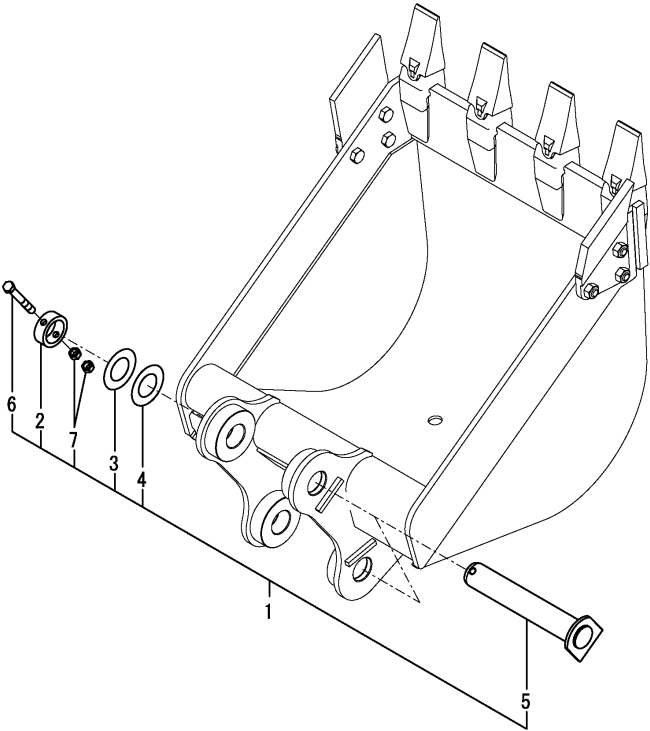
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-81950	PIN KIT, BUCKET	2	2						
2	2	172176-81561	PIN ASSY, 45X271	2	2						
3	2	172176-81640	COLLAR	2	2						
4	2	172165-82550	SHIM	2	2						
5	2	172165-82560	SHIM	2	2						
6	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
7	2	26116-100752	BOLT, M10X 75 PLATED	2	2						
8	2	26716-100002	NUT, M10	4	4						

Fig.194. BUCKET PIN(QUICK COUPLER SPEC.)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172960-81600	BUCKET PIN KIT Q	2	2						
2	2	172176-81640	COLLAR	2	2						
3	2	172165-82550	SHIM	1	1						
4	2	172165-82560	SHIM	1	1						
5	2	172960-83170	PIN 45X271Q	2	2						
6	2	26116-100752	BOLT, M10X 75 PLATED	2	2						
7	2	26716-100002	NUT, M10	4	4						

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-82100	BUCKET ASSY, 650S	1	1						
2	2	172B04-82110	BUCKET ASSY, 650S	1	1						
4	4	172151-81611-W	ADAPTER	4	4						
5	3	172B04-82210	CUTTER, SIDE R	1	1						
6	3	172B04-82240	CUTTER, SIDE L	1	1						
7	3	172B04-82250	BOLT, M16X40 1.5	6	6						
8	3	172B04-82260	NUT, M16X1.5	6	6						
9	2	172448-82950	TOOTH KIT, POINT	4	4						
10	3	172448-82570	TOOTH, POINT	4	4						
11	3	172448-82960	PIN ASSY, LOCK	4	4						
12	4	172448-82580	PIN, LOCK	4	4						
13	4	172448-82590	RUBBER, PIN	4	4						
14	1	772151-81611-W	TOOTH ASSY	4	4						1
15	2	172151-81611-W	ADAPTER	4	4						
16	2	172448-82570	TOOTH, POINT	4	4						
17	2	172448-82580	PIN, LOCK	4	4						
18	2	172448-82590	RUBBER, PIN	4	4						

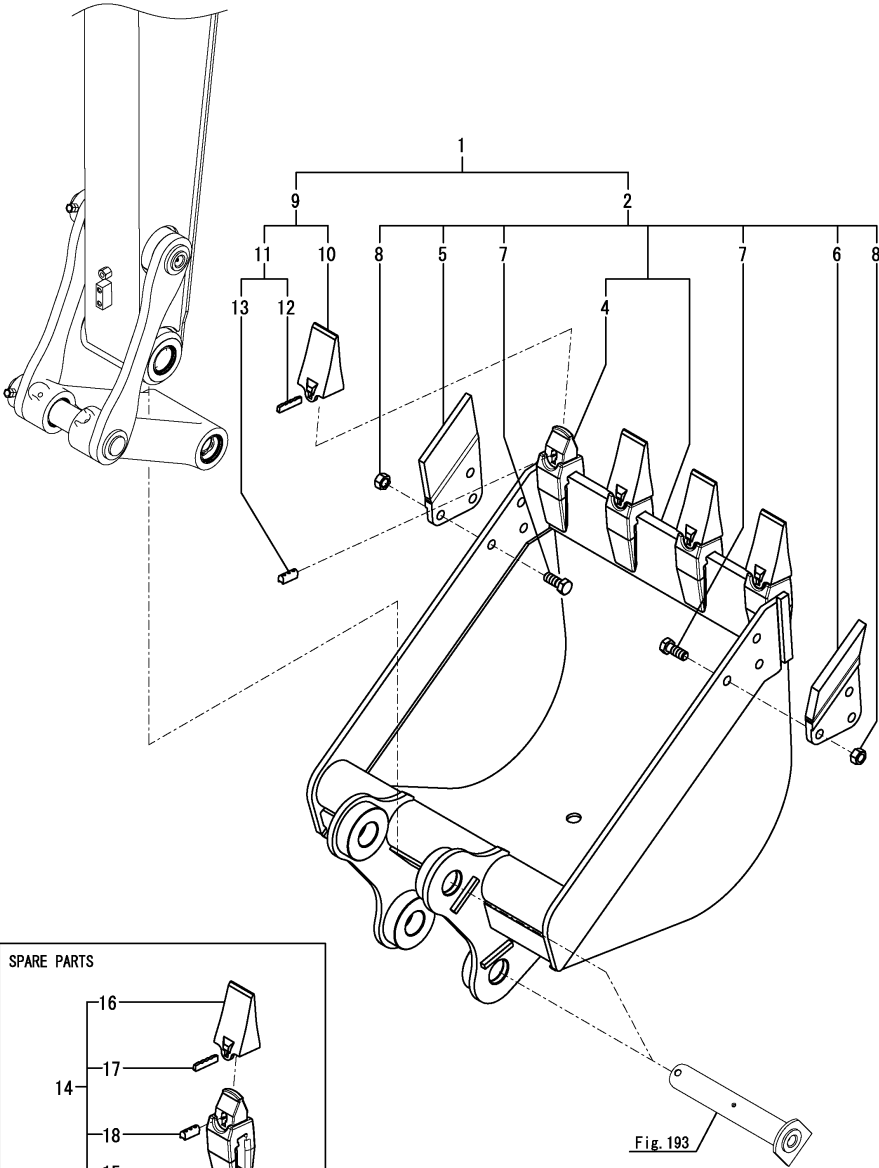
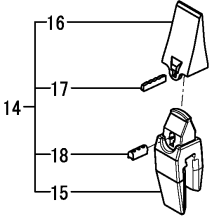
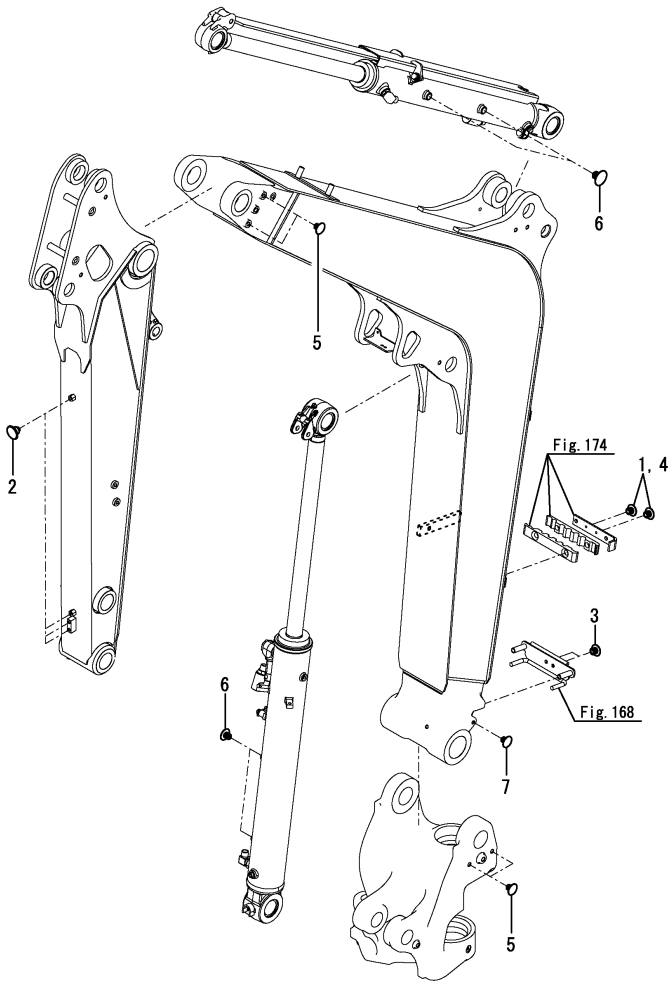


Fig. 193

SPARE PARTS



Remarks
(1)Spare parts.

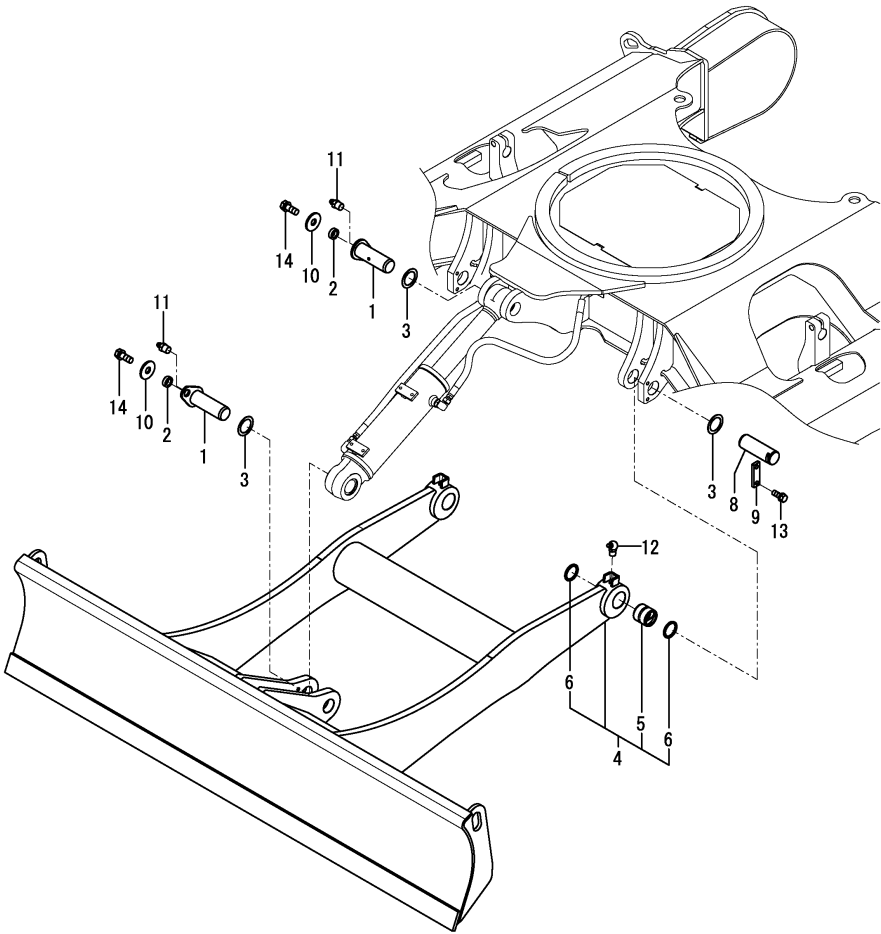


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	1	1						1
2	1	172444-17660	CLIP, TREE	4	4						1
3	1	172183-81160	CLIP, TREE	2	2						
4	1	172444-17660	CLIP, TREE	2	2						
5	1	172176-68210	CLIP, TREE	4	4						
6	1	172183-81160	CLIP, TREE	4	4						
7	1	172183-81160	CLIP, TREE	1	1						

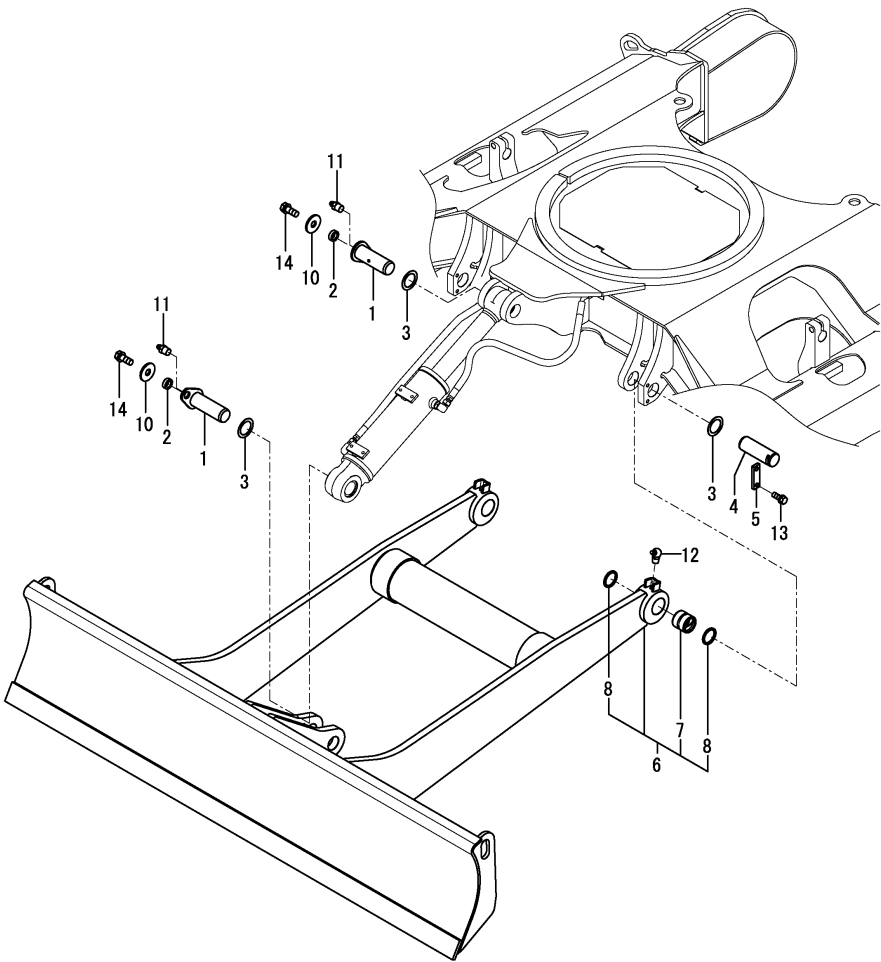
Remarks
(1)Not applied for quick coupler specification.



							OCK50-M01380 Fig.197						
							(A)=VIO50-6A P(US)		(D)=				
							(B)=VIO50-6A C(US)		(E)=				
							(C)=		(F)=				
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172B04-81650	PIN ASSY, 45X132	2	2								
2	1	172164-81670	SPACER	2	2								
3	1	172112-87840	SHIM	4	4								
4	1	172B04-94100	BLADE ASSY, 1970	1	1								
5	2	172A79-72240	BUSH,45X55X50	2	2								
6	2	172168-81410	SEAL, DUST	4	4								
8	1	172423-94211	PIN, 45X120	2	2								
9	1	172124-94310-5	PLATE, LOCK	2	2								
10	1	22157-120000	WASHER, 12	2	2								
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2								
12	1	24761-040000	NIPPLE, GREASE B	2	2								
13	1	26013-100252	BOLT, M10X 25	4	4								
14	1	26013-120302	BOLT, M12X 30	2	2								

Remarks
* Not applied for angle blade specification.

Fig.198. BLADE CYLINDER(QUICK COUPLER SPEC.)



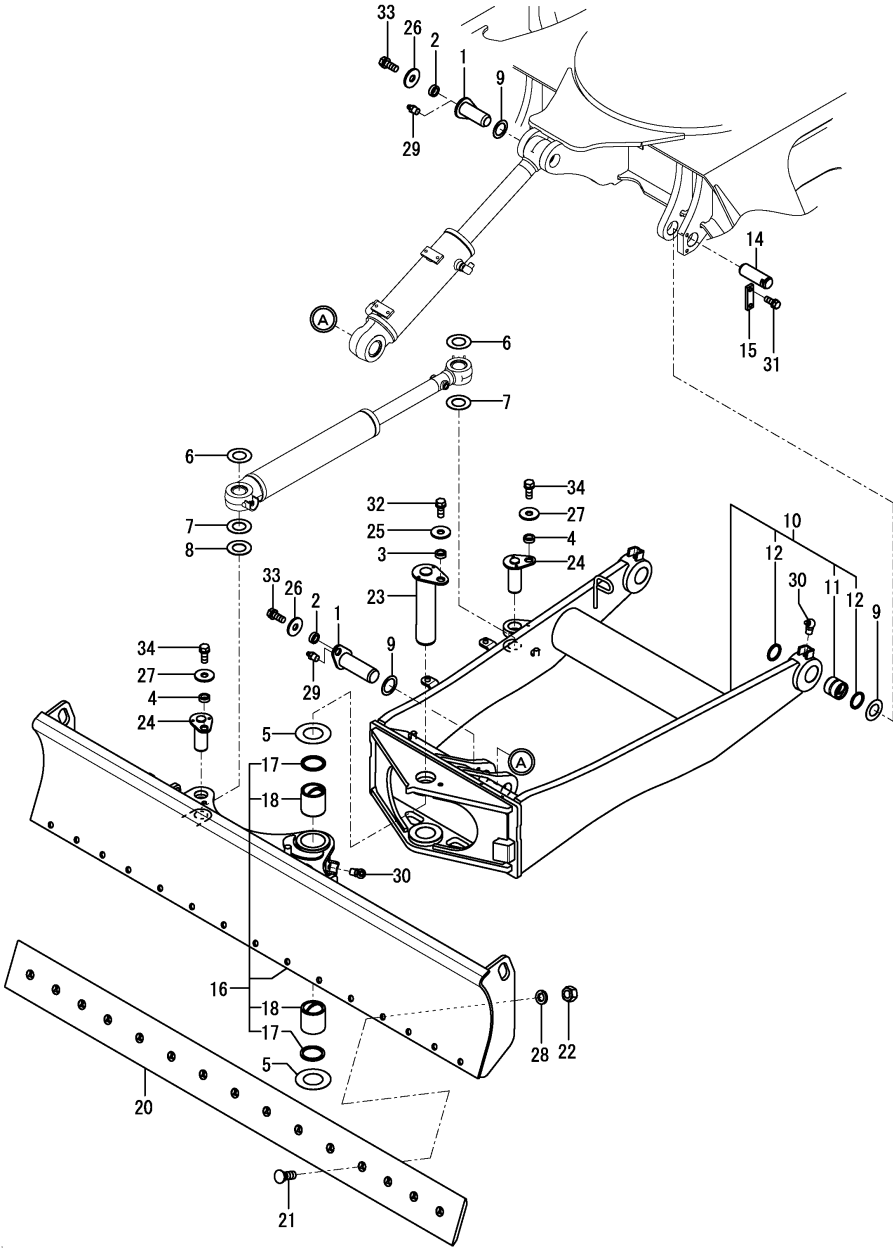
(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-81650	PIN ASSY, 45X132	2	2						
2	1	172164-81670	SPACER	2	2						
3	1	172112-87840	SHIM	4	4						
4	1	172423-94211	PIN, 45X120	2	2						
5	1	172124-94310-5	PLATE, LOCK	2	2						
6	1	172B04-94500	BLADE ASSY, 1970 Q	1	1						
7	2	172A79-72240	BUSH,45X55X50	2	2						
8	2	172168-81410	SEAL, DUST	4	4						
10	1	22157-120000	WASHER, 12	2	2						
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
12	1	24761-040000	NIPPLE, GREASE B	2	2						
13	1	26013-100252	BOLT, M10X 25	4	4						
14	1	26013-120302	BOLT, M12X 30	2	2						

Remarks
* Not applied for angle blade specification.

Fig.199. BLADE CYLINDER(ANGLE BLADE SPEC.)



Remarks
* Exclusive figure for angle blade specification.

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

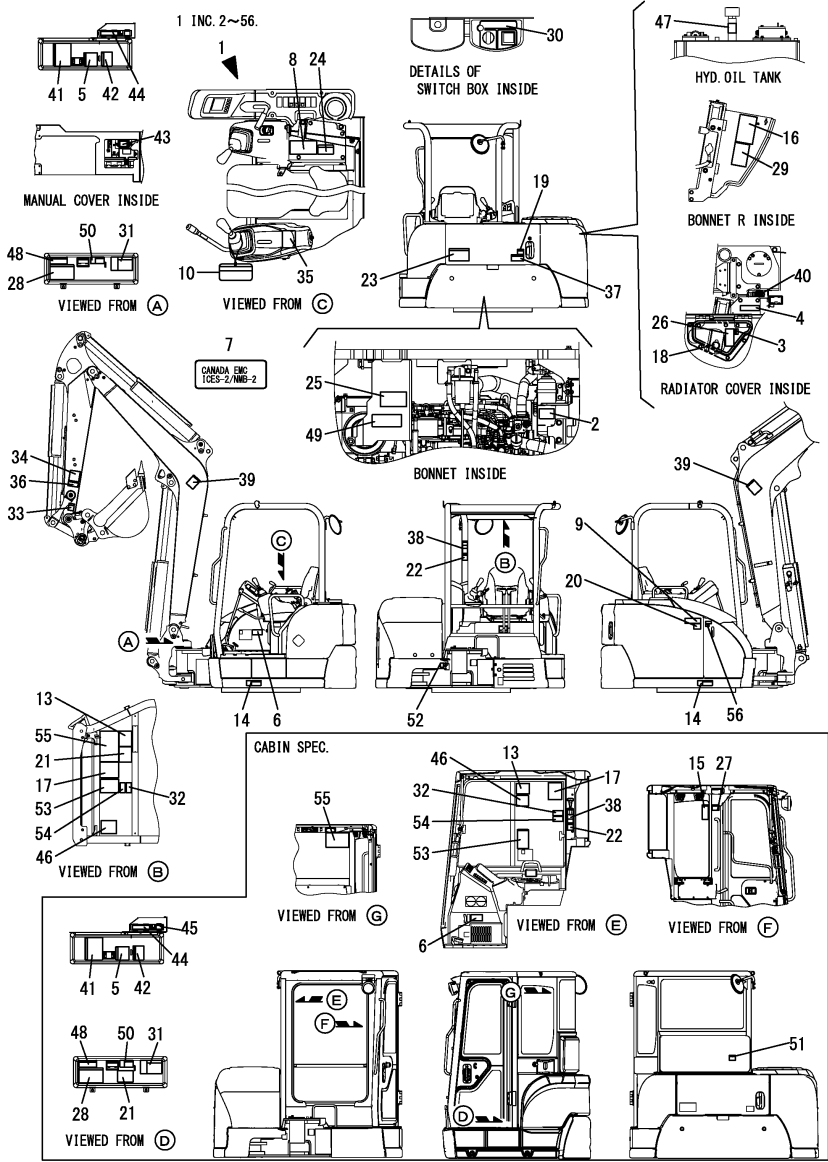
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-81650	PIN ASSY, 45X132	2	2						
2	1	172164-81670	SPACER	2	2						
3	1	172164-81670	SPACER	1	1						
4	1	172164-81670	SPACER	2	2						
5	1	172175-81700	SHIM	2	2						
6	1	172165-82580	SHIM	2	2						
7	1	172165-82590	SHIM	2	2						
8	1	172165-82600	SHIM	1	1						
9	1	172112-87840	SHIM	4	4						
10	1	172B05-94100	BLADE ASSY, ANGLE R	1	1						
11	2	172A79-72240	BUSH,45X55X50	2	2						
12	2	172168-81410	SEAL, DUST	4	4						
14	1	172423-94211	PIN, 45X120	2	2						
15	1	172124-94310-5	PLATE, LOCK	2	2						
16	1	172B05-94500	BLADE ASSY, ANGLE F	1	1						
17	2	172020-10620	SEAL, DUST	2	2						
18	2	172445-81360	BUSH	2	2						
20	1	172A79-94800	PLATE,CUTTING EX	1	1						
21	1	172A79-94810	BOLT,5/8-11 UNC	15	15						
22	1	172A79-94820	NUT, 5/8-11, UNC	15	15						
23	1	172A79-95101	PIN 60X253 ASSY	1	1						
24	1	172A79-95301	PIN 40X102 ASSY	2	2						
25	1	22157-120000	WASHER, 12	1	1						
26	1	22157-120000	WASHER, 12	2	2						
27	1	22157-120000	WASHER, 12	2	2						
28	1	22217-160000	WASHER, SPRING 16	15	15						
29	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
30	1	24761-040000	NIPPLE, GREASE B	3	3						
31	1	26013-100252	BOLT, M10X 25	4	4						
32	1	26013-120302	BOLT, M12X 30	1	1						
33	1	26013-120302	BOLT, M12X 30	2	2						
34	1	26013-120302	BOLT, M12X 30	2	2						

Fig.200. LABEL KIT(FOR CANADA)(OPTIONAL)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



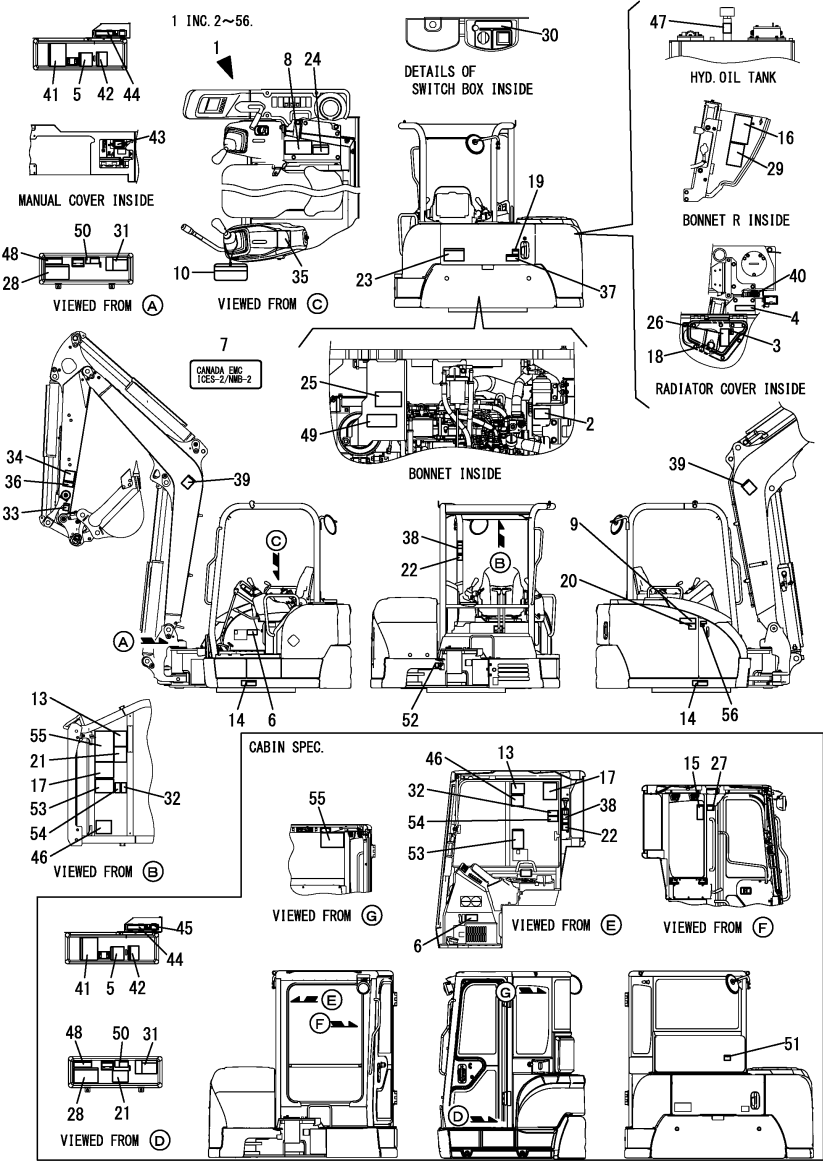
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-04020	LABEL KIT,CA VIO50-6	1	1						
2	2	172A37-03150	LABEL,SUB-TANK CA	1	1						
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1	1						
4	2	172A37-03180	LABEL J, AIR CLEANER	1	1						
5	2	172A37-03220	LABEL,ADJUST CRAWLER	1	1						
6	2	172A37-03231	LABEL,MANUAL CA.	1	1						
7	2	172B03-03230	LABEL,EMC	1	1						
8	2	172A37-03241	LABEL,SLOPE CA.	1	1						
9	2	172A37-03250	LABEL,RESERVOIR CA	1	1						
10	2	172469-03261	TAG ASSY, SERVICING	1	1						
13	2	172A37-03271	LABEL,TRANSPORT CA.	1	1						
14	2	172A37-03280	LABEL,GREASE CYL CA	2	2						
15	2	172478-03290	LABEL,F/W LOWER	1	1						1
16	2	172A37-03290	LABEL,BATTERY CA	1	1						
17	2	172A37-03300	LABEL,NEWTRAL CA	1	1						
18	2	172469-03320	LABEL,RADIATOR CAP	1	1						
19	2	172A37-03330	LABEL,ENGINE COVER	1	1						
20	2	172469-03360	LABEL,OIL	1	1						
21	2	172A37-03360	LABEL,STERRING CA	1	1						
22	2	172A37-03370	LABEL,ROPS CA	1	1						
23	2	172A64-03390	LABEL,SWING AREA CA	1	1						
24	2	172A37-03400	LABEL,LEVER LOCK CA	1	1						
25	2	172A07-03410	LABEL,WATER DRAIN	1	1						
26	2	172A37-03410	LABEL,RADIATOR CA	1	1						
27	2	172A37-03420	LABEL,WINDOW CA	1	1						1
28	2	172A37-03430	LABEL,2 WAY CA	1	1						
29	2	172A69-03450	LABEL,BATTERY COVER	1	1						
30	2	172469-03480	LABEL,SWITCH	1	1						2
31	2	172A37-03500	LABEL,SUPPORT CA	1	1						
32	2	172A37-03520	LABEL,PIN CA	1	1						2
33	2	172A37-03530	LABEL,FINGER CA	1	1						2
34	2	172469-03540	LABEL,OPERATION PIN	1	1						2
35	2	172A47-03651	LABEL,PTO CA	1	1						
36	2	172A37-03680	LABEL,LOCK PIN CA	1	1						2
37	2	172A37-03710	LABEL,ENGROOM CA	1	1						
38	2	172A37-03720	LABEL,SEAT BELT CA	1	1						
39	2	172A37-03730	LABEL,BOOM CA	2	2						
40	2	172B04-03800	LABEL,FUSE CA	1	1						
41	2	172B04-03810	LABEL,OIL/WATER CA	1	1						
42	2	172B04-03820	LABEL,GREASING CA	1	1						
43	2	172B04-03830	LABEL,FUSE BOX CA	1	1						
44	2	172B04-03840	LABEL,RELAY BOX S CA	1	1						
45	2	172B04-03850	LABEL,RELAY BOX O CA	1	1						3
46	2	172B04-03860	LABEL, DPF CA	1	1						
47	2	172B04-03880	LABEL,RESERVOIR CA	1	1						
48	2	172B04-04080	LABEL, SPEC CA 50	1	1						
49	2	172B03-04530	LABEL,SILENCER CA	1	1						
50	2	172B03-04540	LABEL,SEAT TILT UP	1	1						
51	2	172B03-04550	LABEL,WARNING A/C CA	1	1						3
52	2	172B03-04580	LABEL, GREASE CA	1	1						
53	2	172B03-04600	LABEL,WARNING HITCH	1	1						2

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
* Not applied for angle blade specification.
(1)Cabin specification.
(2)Quick coupler specification.
(3)Air Conditioner specification.

Fig.200. LABEL KIT(FOR CANADA)(OPTIONAL)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



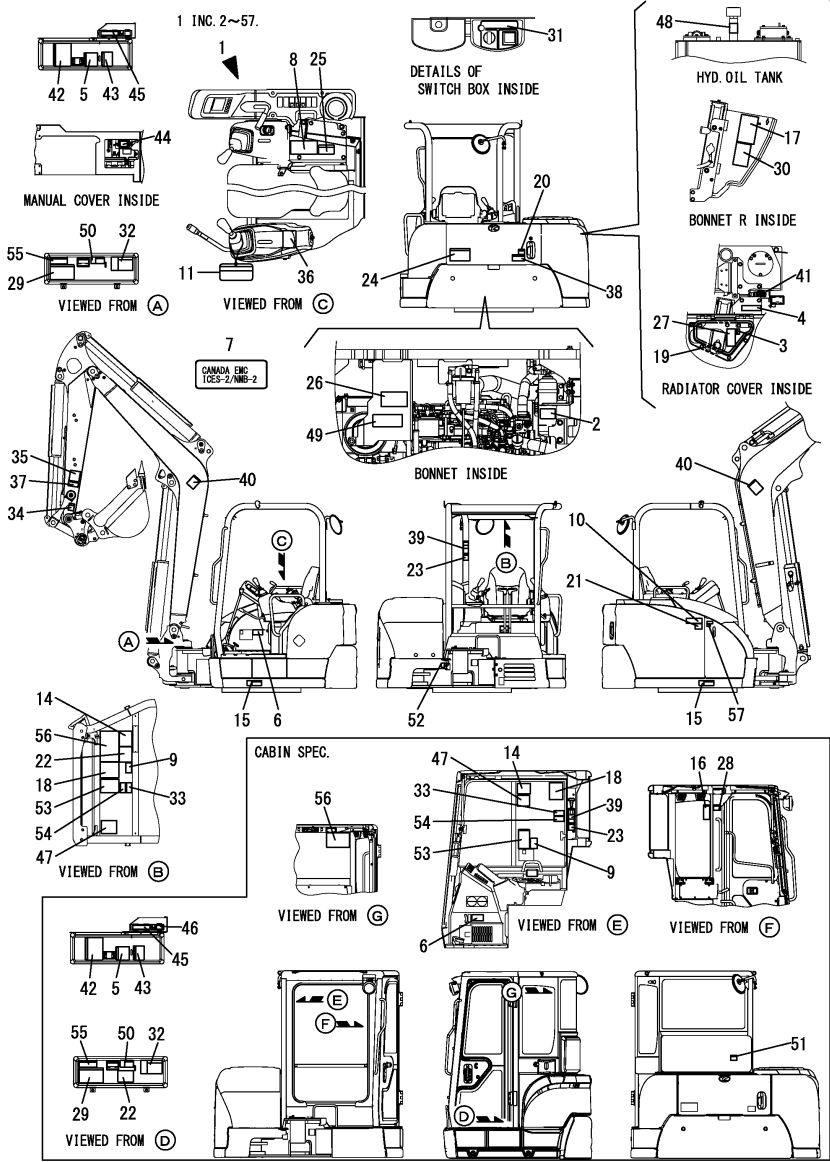
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54	2	172B03-04610	LABEL,SAND CA	1	1						2
55	2	172B04-04870	LABEL,LIFT CA 50	1	1						
56	2	129942-07761	LABEL, FUEL OIL CAUT	1	1						

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
* Not applied for angle blade specification.
(1)Cabin specification.
(2)Quick coupler specification.
(3)Air Conditioner specification.

Fig.201. LABEL KIT(FOR CANADA)(ANGLE BLADE SPEC.)(OPTIONAL)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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



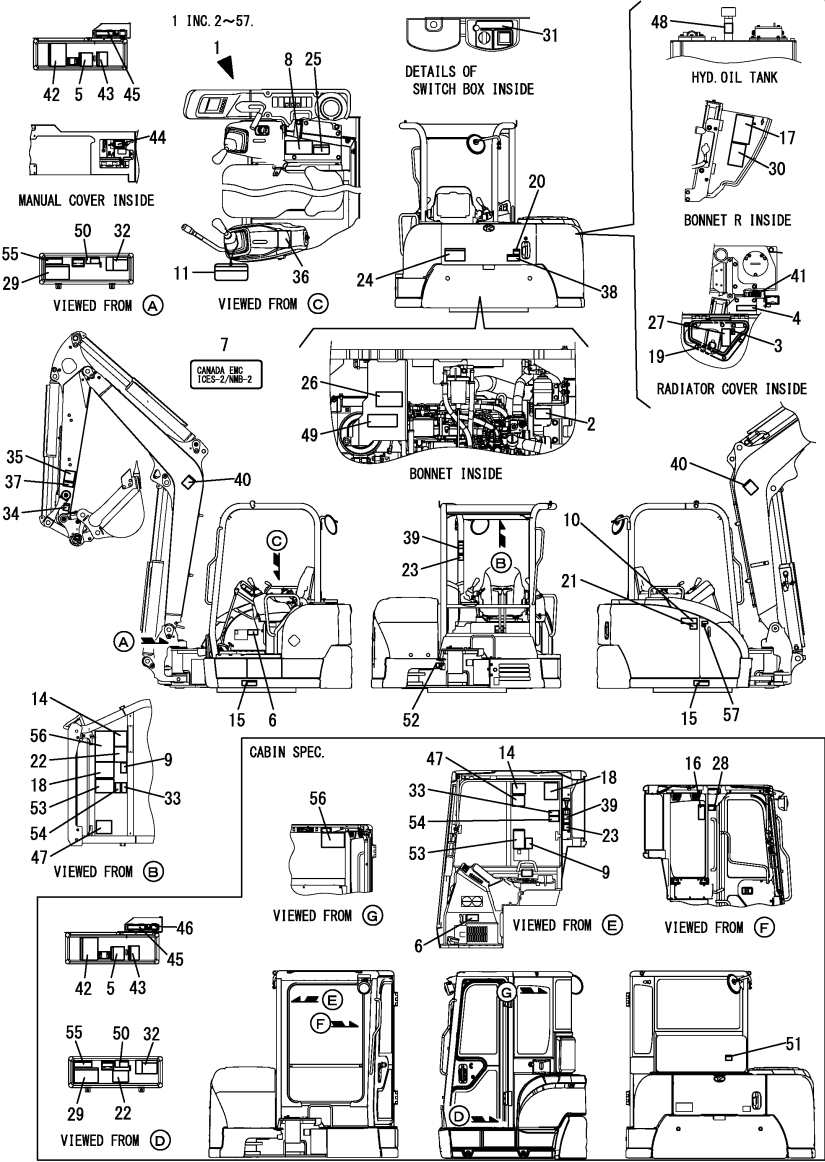
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-04030	LABEL KIT,CA ANG 50	1	1						
2	2	172A37-03150	LABEL,SUB-TANK CA	1	1						
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1	1						
4	2	172A37-03180	LABEL J, AIR CLEANER	1	1						
5	2	172A37-03220	LABEL,ADJUST CRAWLER	1	1						
6	2	172A37-03231	LABEL,MANUAL CA.	1	1						
7	2	172B03-03230	LABEL,EMC	1	1						
8	2	172A37-03241	LABEL,SLOPE CA.	1	1						
9	2	172A79-03240	LABEL,WARNING ANG CA	1	1						
10	2	172A37-03250	LABEL,RESERVOIR CA	1	1						
11	2	172469-03261	TAG ASSY, SERVICING	1	1						
14	2	172A37-03271	LABEL,TRANSPORT CA.	1	1						
15	2	172A37-03280	LABEL,GREASE CYL CA	2	2						
16	2	172478-03290	LABEL,F/W LOWER	1	1						1
17	2	172A37-03290	LABEL,BATTERY CA	1	1						
18	2	172A37-03300	LABEL,NEWTRAL CA	1	1						
19	2	172469-03320	LABEL,RADIATOR CAP	1	1						
20	2	172A37-03330	LABEL,ENGINE COVER	1	1						
21	2	172469-03360	LABEL,OIL	1	1						
22	2	172A37-03360	LABEL,STERRING CA	1	1						
23	2	172A37-03370	LABEL,ROPS CA	1	1						
24	2	172A64-03390	LABEL,SWING AREA CA	1	1						
25	2	172A37-03400	LABEL,LEVER LOCK CA	1	1						
26	2	172A07-03410	LABEL,WATER DRAIN	1	1						
27	2	172A37-03410	LABEL,RADIATOR CA	1	1						
28	2	172A37-03420	LABEL,WINDOW CA	1	1						1
29	2	172A37-03430	LABEL,2 WAY CA	1	1						
30	2	172A69-03450	LABEL,BATTERY COVER	1	1						
31	2	172469-03480	LABEL,SWITCH	1	1						2
32	2	172A37-03500	LABEL,SUPPORT CA	1	1						
33	2	172A37-03520	LABEL,PIN CA	1	1						2
34	2	172A37-03530	LABEL,FINGER CA	1	1						2
35	2	172469-03540	LABEL,OPERATION PIN	1	1						2
36	2	172A47-03651	LABEL,PTO CA	1	1						
37	2	172A37-03680	LABEL,LOCK PIN CA	1	1						2
38	2	172A37-03710	LABEL,ENGROOM CA	1	1						
39	2	172A37-03720	LABEL,SEAT BELT CA	1	1						
40	2	172A37-03730	LABEL,BOOM CA	2	2						
41	2	172B04-03800	LABEL,FUSE CA	1	1						
42	2	172B04-03810	LABEL,OIL/WATER CA	1	1						
43	2	172B04-03820	LABEL,GREASING CA	1	1						
44	2	172B04-03830	LABEL,FUSE BOX CA	1	1						
45	2	172B04-03840	LABEL,RELAY BOX S CA	1	1						
46	2	172B04-03850	LABEL,RELAY BOX O CA	1	1						3
47	2	172B04-03860	LABEL, DPF CA	1	1						
48	2	172B04-03880	LABEL,RESERVOIR CA	1	1						
49	2	172B03-04530	LABEL,SILENCER CA	1	1						
50	2	172B03-04540	LABEL,SEAT TILT UP	1	1						
51	2	172B03-04550	LABEL,WARNING A/C CA	1	1						3
52	2	172B03-04580	LABEL, GREASE CA	1	1						
53	2	172B03-04600	LABEL,WARNING HITCH	1	1						2

Remarks
* Exclusive figure for angle blade specification.
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
(1)Cabin specification.
(2)Quick coupler specification.
(3)Air Conditioner specification.

Fig.201. LABEL KIT(FOR CANADA)(ANGLE BLADE SPEC.)(OPTIONAL)

(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

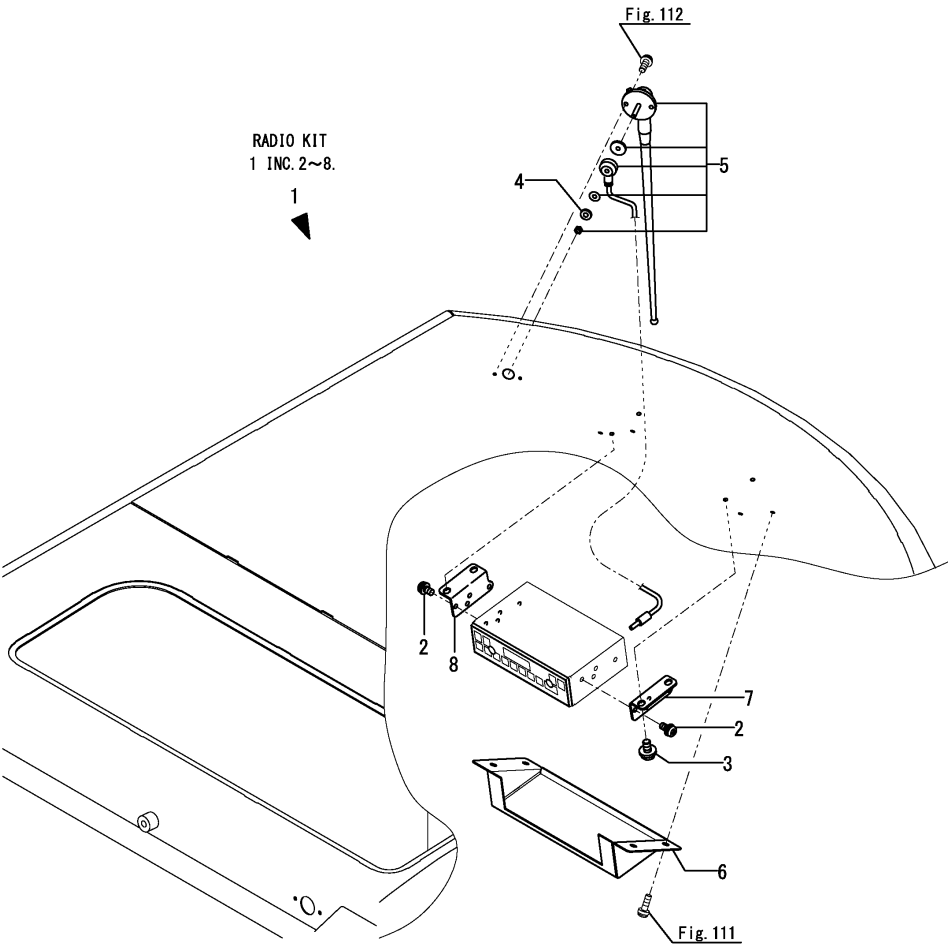
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54	2	172B03-04610	LABEL,SAND CA	1	1						2
55	2	172B04-04630	LABEL,SPEC ANG CA 50	1	1						
56	2	172B04-04640	LABEL,LIFT ANGLECA50	1	1						
57	2	129942-07761	LABEL, FUEL OIL CAUT	1	1						

Remarks
* Exclusive figure for angle blade specification.
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
(1)Cabin specification.
(2)Quick coupler specification.
(3)Air Conditioner specification.

Fig.202. RADIO KIT(OPTIONAL)(WITHOUT RADIO)

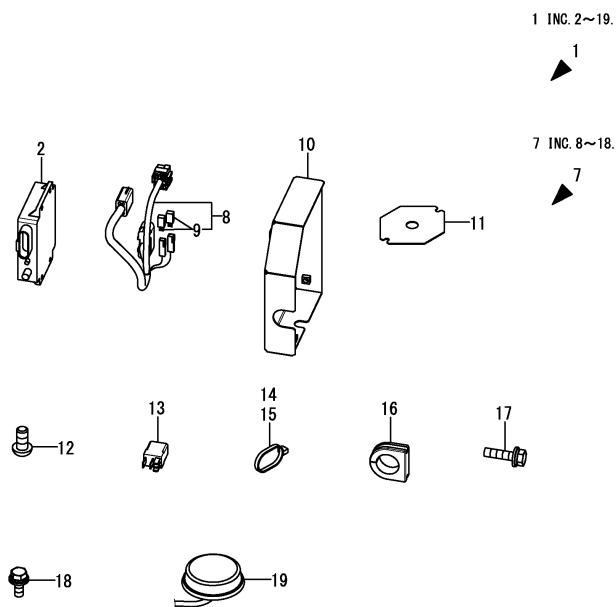


(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-08180	RADIO KIT, ANTENNA		1						
2	2	172B02-67010	SCREW, SEMS 5X10		4						
3	2	172B02-67160	BOLT, SEMS 6X16		4						
4	2	172B02-67550	WASHER, 6		1						
5	2	172B02-67900	ANTENNA, RADIO		1						
6	2	172B02-67920	COVER,RADIO		1						
7	2	172B02-67930	BRACKET, RADIO L		1						
8	2	172B02-67940	BRACKET, RADIO R		1						

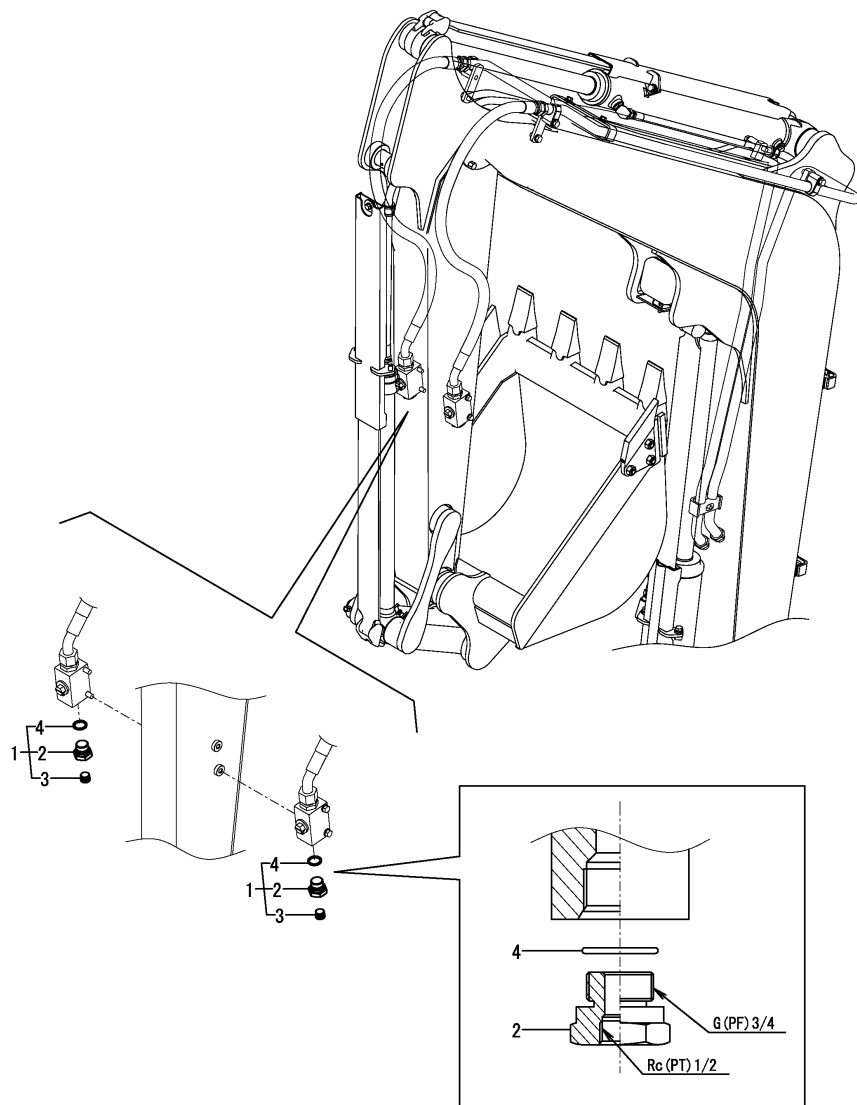
Fig.203. REMOTE CONTROLLER KIT(OPTIONAL)



				(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08310	CONTROLLER KIT,RM EX	1	1						1
2	2	1RF001-00024	CONTROLLER,MOBILE,O	1	1						1
7	2	172B04-16000	PARTS ASSY, GPS	1	1						
8	3	172B04-16620	HARNESS ASSY,GPS	1	1						
9	4	1E8235-84910	DIODE, 090 31	2	2						
10	3	172B04-17800	COVER ASSY,GPS	1	1						
11	3	172B03-17980	PLATE, ANTENNA	1	1						
12	3	172186-45840	BOLT	5	5						
13	3	1A7522-52950	RELAY, ACM13221M19	1	1						
14	3	194202-56460	BAND, 200	8	8						
15	3	194202-56460	BAND, 200	2	2						
16	3	172165-62800	GROMMET	1	1						
17	3	26014-060162	BOLT, M6X 16	4	4						
18	3	26014-060162	BOLT, M6X 16	2	2						
19	2	172B11-16590	ANTENNA ASSY,MOBILE	1	1						

(1) To install proper information, go to an authorized distributor.
 Note : Carrier registration is required when replacing this part.
 * For more information, contact the service department of the dealer you purchased from.
 Note : Registration is required when replacing this part.
 * For more information, contact the service department of the dealer you purchased from.

Fig.204. P.T.O. STOP VALVE CONNECTER KIT(OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=VIO50-6A P(US) (B)=VIO50-6A C(US) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08740	FITTING SET,STOP V	1	1						1
2	2	172B04-76930	CONNECTOR,G3/4-R1/2	1	1						
3	2	23871-040000	PLUG, R04	1	1						
4	2	41851-000240	O-RING	1	1						

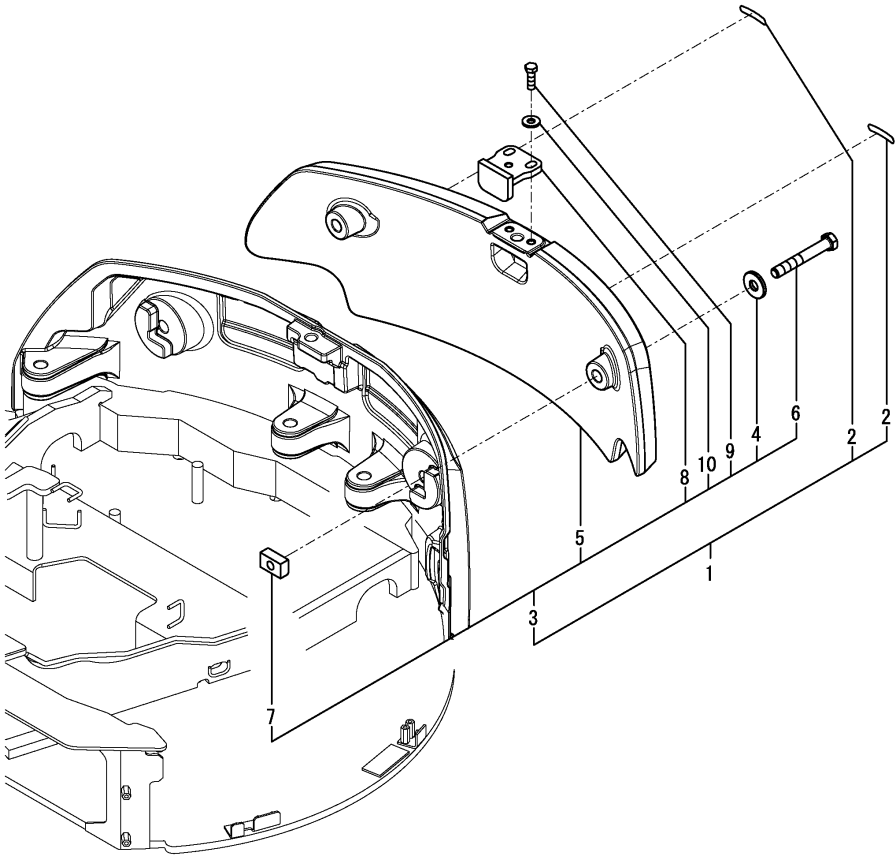
Remarks

(1)The cap diameter of the installation device is for R(PT)1/2.

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

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Fig.205. ADDITIONAL WEIGHT KIT(OPTIONAL)



(A)=VIO50-6A P(US)
(B)=VIO50-6A C(US)
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-08880	WEIGHT KIT,ADD EX D	1	1						
2	2	172B04-03980	LABEL, REFLECTOR M	2	2						
3	2	172B04-09200	WEIGHT ASSY, ADD	1	1						
4	3	172187-53321	WASHER	2	2						
5	3	172B04-53320	WEIGHT, ADD 195	1	1						
6	3	172455-53331	BOLT	2	2						
7	3	172A46-53360	NUT	2	2						
8	3	172B03-53410	BRACKET ASSY,WEIGHT	1	1						
9	3	26116-160502	BOLT, M16X 50 PLATED	2	2						
10	3	933147-08501	WASHER	2	2						

Parts No. Index

Parts No.	Fig. No.	Ref. No.
106990-44660	19	45
	20	22
114110-07761	1	18
120147-44810	103	2
121120-13580	9	3
121250-49121	17	6
121256-44600	16	17
121450-44531	16	12
121470-44581	16	14
124450-44550	16	16
124450-44560	16	13
124766-59050	17	12
		13
	19	46
128300-77920	111	29
129107-44590	16	2
129242-55740	20	31
129612-52100	20	23
129927-44900	160	2
129927-77920	28	50
129942-07761	200	56
	201	57
129A00-55720	20	29
129A00-55730	20	30
129A00-55740	20	32
129A00-55751	20	26
129A00-55760	20	27
129A00-55770	20	33
129E00-55710	20	25
129E22-55700	20	24
171064-44510	16	10
171064-44520	16	11
172020-10620	189	2
	190	3
	199	17
172068-28490	58	2
		10
172110-45050	58	6
		14
172110-76170-5	183	1
172112-16201	21	7
172112-75780	160	19
172112-77361	121	43
	122	47
	123	47
	124	33
	172	10
	173	11
172112-77480	187	1
172112-83500	190	8

Parts No.	Fig. No.	Ref. No.
172112-83500	190	9
	191	6
172112-86250	191	7
172112-87840	197	3
	198	3
	199	9
172116-76381	181	15
172122-17190	114	1
172122-46590	60	13
	61	20
172122-55061	18	15
172122-57620	73	3
172122-70350	117	5
	118	5
	119	4
	120	4
172122-70410	131	6
172122-70460	131	7
172122-73430	131	29
172122-73470	131	41
172122-73480	117	22
		23
	118	23
		24
	119	21
		22
	120	22
		23
172122-79890	183	9
		14
172122-79930	17	22
	184	32
	185	32
172122-79940	95	4
172123-76121	125	18
	164	3
	166	5
	177	3
	178	3
	179	3
	180	3
	181	10
	182	4
	184	12
	185	12
172124-17640	44	4
	50	4
172124-46200	60	11
	61	18
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172B04-05260	18	2
172B04-08080	1	1
172B04-08170	2	1
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172B04-08390	19	1
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172B04-08460	4	1
172B04-08470	5	1
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172B04-08740	204	1
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172B04-13040	17	2
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172B04-13110	13	1
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172B04-61100	78	1
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172B04-62300	75	6
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172B04-64500	90	5
172B04-64510	90	10
172B04-64650	90	16
172B04-64670	90	19
172B04-64680	90	20
172B04-64690	90	21
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