

YANMAR 굴삭기

ViO30-6A PARTS CATALOG



0CK50-M00290EN

Precautions

1. Some of the illustrations in this parts catalog are simplified.
2. Depending on the specifications of your product, the actual product and parts catalog may not match.
3. Please use genuine parts when repairing the product.
4. When ordering spare parts, please confirm the specifications (model name, serial number, part number, quantity, etc.) and confirm with your distributors or dealers.
5. Please refer to the user manual or service manual for information on how to replace parts, technical information, and other related details.
6. If you are using a booklet or PDF parts catalog, you must verify the latest information via the online parts catalog.

Disclaimer

1. Our company will not assume any responsibility for the matters stipulated in each of the following items.
 - 1) The contents provided in this parts catalog may not correspond with the latest products due to changes in regulations, product specifications, or other amendments.
 - 2) The illustrations of the products listed in this parts catalog (including 3D images) are for image purposes only and may differ from the actual product and specifications.
 - 3) This parts catalog does not guarantee conformity to the customer's requirements.
 - 4) In addition to the previous items, we do not guarantee the accuracy, completeness, assurance, applicability, usefulness, availability, safety or reliability of this parts catalog.
2. Our company assumes no responsibility whatsoever for any damage or disadvantage suffered by customers or others due to the addition, modification, suspension, cancellation, or discontinuation, etc., of the contents of this parts catalog. ("Damages" includes, but is not limited to, loss of opportunities for use of this parts catalog, as well as consequential damages, indirect damages, special damages, future damages and any loss of profits or any other disadvantages or damages.)
3. Customers are requested to use this parts catalog at their own risk. Our company assumes no responsibility whatsoever for any damages incurred by customers or other companies as a result of using or not using this parts catalog.
4. When using this parts catalog, you must comply with the laws and regulations applicable in the country or region in which you use it. Our company assumes no responsibility for any violations of laws and regulations by the customer.

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI030-6A for Korea.
(M/# 60501~)

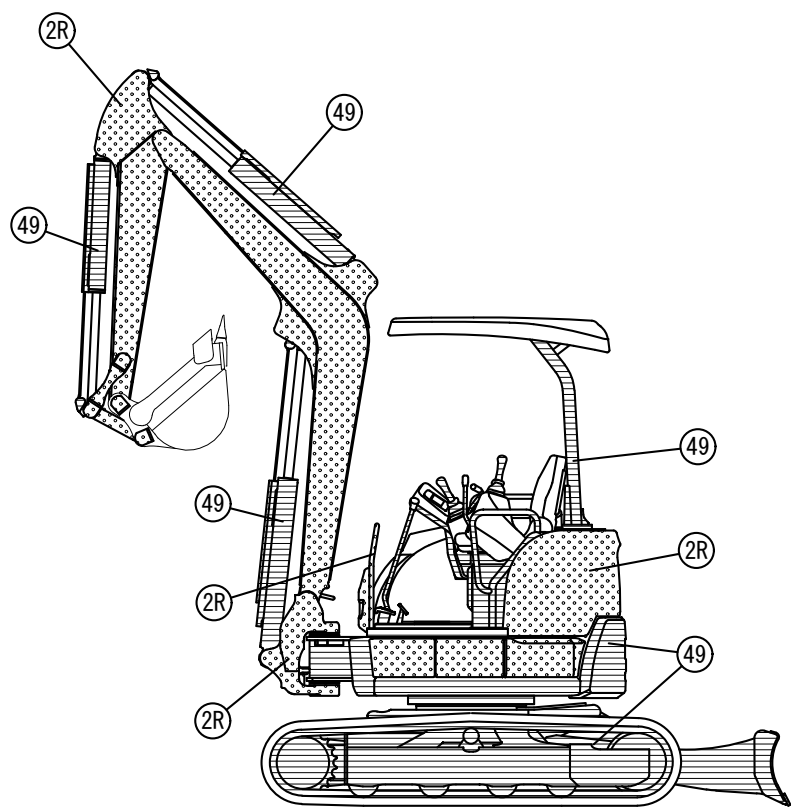
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI030-6A (KR)	Jan. , 2015	
	Engine	3TNV88F-ESBV		

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.

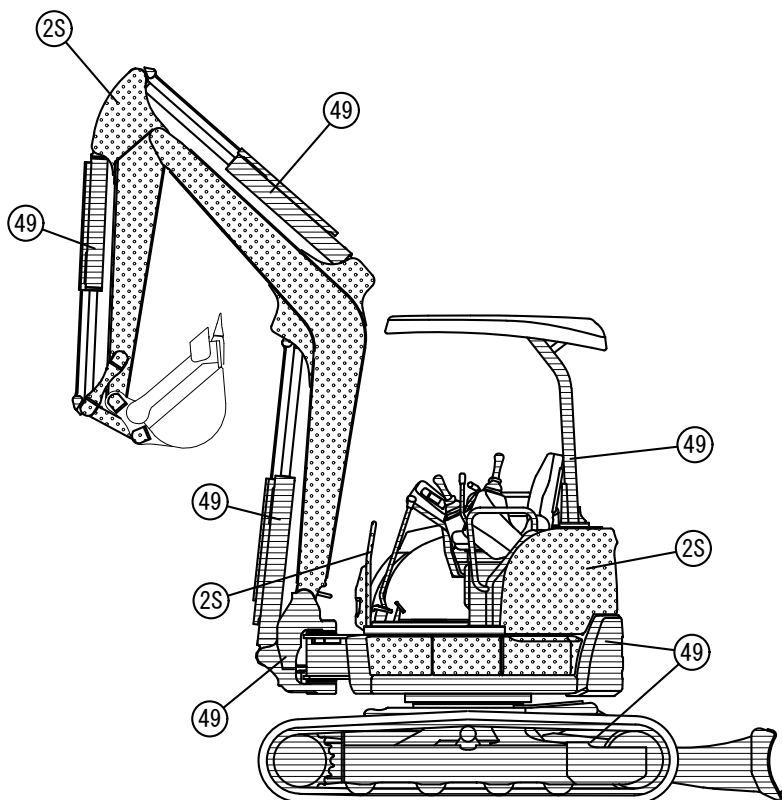
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

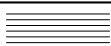
VEHICLE PAINTED COLOR



Color Code	Desc-ription	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490

VEHICLE PAINTED COLOR (PREMIUM RED SPEC.)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2S		YANMAR Premium Red	-----	TOR-912S0000	TOR-948002S0
49		YANMAR Navy Gray	-----	TOR-91390001	TOR-94800491

PICTURESQUE INDEX (1) ■ ■ ■ MAIN PARTS

1. LABEL & ACCESSORY

Fig. 1 to 5, 123, 124, 151, 172

14. OPTIONAL & KIT

Fig. 119 to 121, 130, 150, 171, 179, 182

12. HYDRAULIC OIL PIPING

Fig. 93 to 110, 149, 165 to 170

3. ELECTRICAL PARTS

Fig. 15 to 26, 126, 131, 132, 153, 178, 180, 181

10. CANOPY

Fig. 69, 70, 128

8. AROUND SEAT

Fig. 55 to 64, 127, 129, 138 to 140

2. ENGINE RELATED

Fig. 6 to 14, 125

9. BONNET

Fig. 65 to 68

13. IMPLEMENT

Fig. 111 to 117

5. CONTROL EQUIPMENT

Fig. 32 to 41, 122, 133 to 137

6. FRAME

Fig. 42 to 45, 118

7. COVER

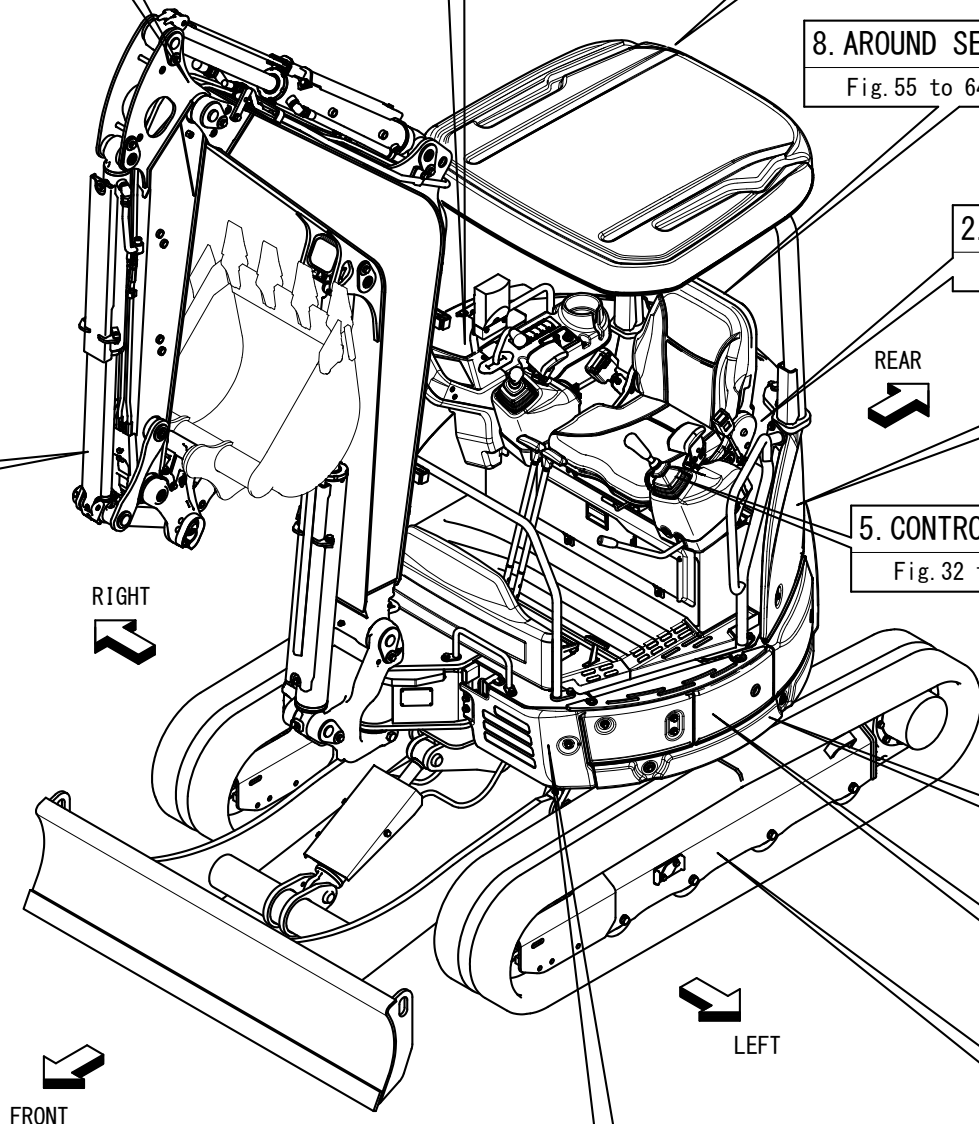
Fig. 46 to 54

4. TRAVELING

Fig. 27 to 31

11. HYDRAULIC OIL EQUIPMENT

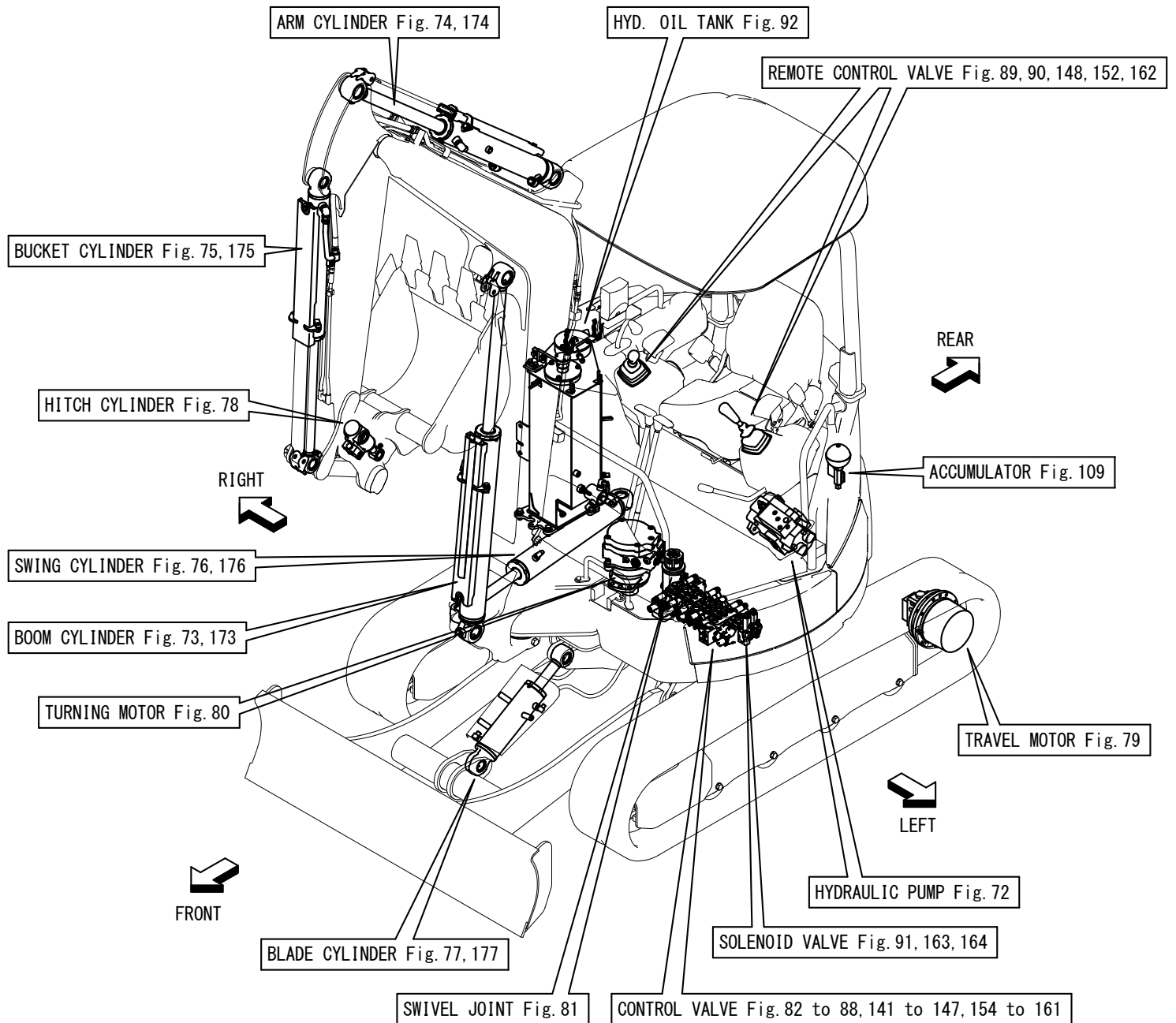
Fig. 71 to 92, 141 to 148, 152, 154 to 164, 173 to 177



PICTURESQUE INDEX (2) ■ ■ ■ HYDRAULIC SECTION

HYD. OIL PIPING Fig. 93 to 107, 165 to 169

CONTROL PIPING Fig. 108, 149, 170



Contents

OCK50-M00290

Fig. No. Fig. Name

LABEL & ACCESSORY

- 1. LABEL(EXTERIOR)(TO MAF000)
- 123. (1A)LABEL(EXTERIOR)(FROM MAF001)
- 172. (1B)LABEL(EXTERIOR)(PREMIUM RED SPEC.)
- 2. LABEL(BONNET INSIDE)
- 3. LABEL(CANOPY)(TO MAF000)
- 124. (3A)LABEL(CANOPY)(FROM MAF001)
- 4. LABEL(QUICK COUPLER)
- 5. TOOL CASE(METAL)
- 151. (5A)TOOL CASE(RESIN)

ENGINE RELATED

- 6. MUFFLER
- 7. AIR CLEANER
- 8. ACCELERATOR
- 9. ENGINE MOUNT
- 10. RADIATOR SHROUD
- 11. RADIATOR & OIL COOLER
- 12. DUCT
- 13. FUEL TANK
- 14. FUEL PIPING
- 125. (14A)HEATER(PIPING)

ELECTRICAL PARTS

- 15. AROUND THE ENGINE

Fig. No. Fig. Name

- 16. BATTERY(MINUS CABLE)
- 131. (16A)LOW-HIGH SWITCH(P.T.O. FOOT PEDAL SPEC.)
- 17. FRONT LAMP
- 18. HORN
- 19. GUIDE HARNESS
- 20. STARTER SWITCH
- 21. SEAT MOUNT
- 22. PRESSURE SWITCH
- 23. TRAVEL ALARM
- 132. (23A)LOW-HIGH HARNESS(P.T.O. FOOT PEDAL SPEC.)
- 24. QUICK COUPLER(SWITCH BOX)
- 25. WORK LAMP
- 26. INSTRUMENT PANEL
- 126. (26A)HEATER
- 153. (26B)P.T.O.2(P.T.O.2 SPEC.)
- 180. (26C)GPS(1.5G)
- 181. (26D)GPS(2.0G)
- 178. (26E)GPS(3.0G)

TRAVELING

- 27. SPROCKET
- 28. IDLER & ADJUST
- 29. TRACK ROLLER
- 30. CARRIER ROLLER
- 31. CRAWLER

Contents

OCK50-M00290

Fig. No. Fig. Name

CONTROL EQUIPMENT

- 32. TRAVEL PEDAL(FIXED TYPE)
- 122. (32A)TRAVEL PEDAL(FOLDING TYPE)
- 33. VALVE MOUNT
- 34. TRAVEL LEVER
- 35. SWING PEDAL
- 133. (35A)LOW-HIGH PEDAL(P.T.O. FOOT PEDAL SPEC.)
- 36. PEDAL COVER(1)(P.T.O. LEVER SWITCH SPEC.)
- 37. PEDAL COVER(2)(P.T.O. LEVER SWITCH SPEC.)
- 134. (37A)PEDAL COVER(3)(P.T.O. FOOT PEDAL SPEC.)
- 38. LEVER SPACER(P.T.O. LEVER SWITCH SPEC.)
- 39. BLADE LEVER(P.T.O. LEVER SWITCH SPEC.)
- 135. (39A)BLADE LEVER(P.T.O. FOOT PEDAL SPEC.)
- 40. ARMREST
- 41. LOCK LEVER & STAND(P.T.O. LEVER SWITCH SPEC.)
- 136. (41A)LOCK LEVER & STAND(P.T.O. FOOT PEDAL SPEC.)
- 137. (41B)P.T.O. PEDAL(P.T.O. FOOT PEDAL SPEC.)

FRAME

- 42. TRAVEL FRAME
- 43. COUNTER WEIGHT
- 118. (43A)ADDITIONAL WEIGHT
- 44. TURNING FRAME
- 45. TURNING BEARING

Fig. No. Fig. Name

COVER

- 46. FRONT COVER
- 47. COVER(MULTI)
- 48. UPPER COVER
- 49. COVER(TURNING FRAME)
- 50. COVER(TRAVEL FRAME)
- 51. FRAME GUARD(LEFT)
- 52. FRAME GUARD(RIGHT)
- 53. COVER(TURNING FRAME)(FRONT - LEFT)
- 54. COVER(TURNING FRAME)(FRONT - RIGHT)

AROUND SEAT

- 55. STEP(P.T.O. LEVER SWITCH SPEC.)
- 129. (55A)STEP(HEATER SPEC.)(P.T.O. LEVER SWITCH SPEC.)
- 138. (55B)STEP(P.T.O. FOOT PEDAL SPEC.)
- 139. (55C)STEP(HEATER SPEC.)(P.T.O. FOOT PEDAL SPEC.)
- 56. COVER(LEVER)(P.T.O. LEVER SWITCH SPEC.)
- 140. (56A)COVER(LEVER)(P.T.O. FOOT PEDAL SPEC.)
- 57. COVER(MONITOR)
- 58. SEAT MOUNT
- 59. SEAT MOUNT(COVER)
- 60. SEAT
- 61. SEAT(INNER PARTS)
- 62. PLUG(SEAT MOUNT)

Contents

OCK50-M00290

Fig. No. Fig. Name

- 63. HANDRAIL(LEFT)
- 64. HANDRAIL(RIGHT)
- 127. (64A)COVER(HEATER)

BONNET

- 65. BONNET(REAR)
- 66. BONNET(FRONT)
- 67. BONNET(LEFT)
- 68. BONNET(RIGHT)

CANOPY

- 69. CANOPY
- 70. CANOPY MOUNT
- 128. (70A)CANOPY MOUNT(HEATER SPEC.)

HYDRAULIC OIL EQUIPMENT

- 71. HYDRAULIC PUMP MOUNT
- 72. HYDRAULIC PUMP
- 73. BOOM CYLINDER(TO MAR. 2023)
- 173. (73A)BOOM CYLINDER(FROM MAR. 2023)
- 74. ARM CYLINDER(TO MAR. 2023)
- 174. (74A)ARM CYLINDER(FROM MAR. 2023)
- 75. BUCKET CYLINDER(TO MAR. 2023)
- 175. (75A)BUCKET CYLINDER(FROM MAR. 2023)
- 76. SWING CYLINDER(TO MAR. 2023)

Fig. No. Fig. Name

- 176. (76A)SWING CYLINDER(FROM MAR. 2023)
- 77. BLADE CYLINDER(TO MAR. 2023)
- 177. (77A)BLADE CYLINDER(FROM MAR. 2023)
- 78. HITCH CYLINDER
- 79. TRAVEL MOTOR
- 80. TURNING MOTOR
- 81. SWIVEL JOINT
- 82. CONTROL VALVE(1/7)(P.T.O. LEVER SWITCH SPEC.)
- 83. CONTROL VALVE(2/7)(P.T.O. LEVER SWITCH SPEC.)
- 84. CONTROL VALVE(3/7)(P.T.O. LEVER SWITCH SPEC.)
- 85. CONTROL VALVE(4/7)(P.T.O. LEVER SWITCH SPEC.)
- 86. CONTROL VALVE(5/7)(P.T.O. LEVER SWITCH SPEC.)
- 87. CONTROL VALVE(6/7)(P.T.O. LEVER SWITCH SPEC.)
- 88. CONTROL VALVE(7/7)(P.T.O. LEVER SWITCH SPEC.)
- 141. (88A)CONTROL VALVE(1/7)(P.T.O. FOOT PEDAL SPEC.)
- 142. (88B)CONTROL VALVE(2/7)(P.T.O. FOOT PEDAL SPEC.)
- 143. (88C)CONTROL VALVE(3/7)(P.T.O. FOOT PEDAL SPEC.)
- 144. (88D)CONTROL VALVE(4/7)(P.T.O. FOOT PEDAL SPEC.)
- 145. (88E)CONTROL VALVE(5/7)(P.T.O. FOOT PEDAL SPEC.)
- 146. (88F)CONTROL VALVE(6/7)(P.T.O. FOOT PEDAL SPEC.)
- 147. (88G)CONTROL VALVE(7/7)(P.T.O. FOOT PEDAL SPEC.)
- 154. (88H)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(1/8)
- 155. (88I)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(2/8)
- 156. (88J)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(3/8)
- 157. (88K)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(4/8)

Contents

OCK50-M00290

Fig. No. Fig. Name

- 158. (88L)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(5/8)
- 159. (88M)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(6/8)
- 160. (88N)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(7/8)
- 161. (88O)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(8/8)
- 89. REMOTE CONTROL VALVE(RIGHT)(P.T.O. LEVER SWITCH SPEC.)(TO MAF013)
- 152. (89A)REMOTE CONTROL VALVE(RIGHT)(P.T.O. LEVER SWITCH SPEC.)(FROM MAF014)
- 90. REMOTE CONTROL VALVE(LEFT)(P.T.O. LEVER SWITCH SPEC.)
- 148. (90A)REMOTE CONTROL VALVE(P.T.O. FOOT PEDAL SPEC.)
- 162. (90B)REMOTE CONTROL VALVE(LEFT)(P.T.O.2 SPEC.)
- 91. SOLENOID VALVE(P.T.O. LEVER SWITCH SPEC.)
- 163. (91A)SOLENOID VALVE(P.T.O.2)(P.T.O.2 SPEC.)
- 164. (91B)SOLENOID VALVE BRACKET(P.T.O.2)(P.T.O.2 SPEC.)
- 92. HYD. OIL TANK

HYDRAULIC OIL PIPING

- 93. TANK - PUMP & CONTROL VALVE
- 94. CONTROL VALVE - TURNING MOTOR
- 95. CONTROL VALVE(FITTING)(1)
- 96. CONTROL VALVE(FITTING)(2)
- 97. CONTROL VALVE - RETURN & DRAIN
- 98. CONTROL VALVE - BOOM BULKHEAD & SWING
- 99. CONTROL VALVE - BOOM CYLINDER
- 100. CONTROL VALVE - SWIVEL JOINT
- 101. TRACK FRAME
- 102. ARM CYLINDER & BUCKET CYLINDER

Fig. No. Fig. Name

- 165. (102A)ARM CYLINDER & BUCKET CYLINDER(TUBE)(P.T.O.2 SPEC.)
- 103. P.T.O.(CONTROL VALVE - BOOM)
- 104. P.T.O.(BOOM - ARM END)
- 166. (104A)P.T.O.(BOOM - ARM END)(P.T.O.2 SPEC.)
- 167. (104B)P.T.O.2(BOOM - ARM END)(P.T.O.2 SPEC.)
- 105. P.T.O.(SOLENOID VALVE)(P.T.O. LEVER SWITCH SPEC.)
- 168. (105A)P.T.O.(SOLENOID VALVE)(P.T.O.2 SPEC.)
- 169. (105B)P.T.O.2(SOLENOID VALVE)(P.T.O.2 SPEC.)
- 106. QUICK COUPLER(HYD. OIL PIPING)(1)
- 107. QUICK COUPLER(HYD. OIL PIPING)(2)
- 108. CONTROL PIPING(P.T.O. LEVER SWITCH SPEC.)
- 149. (108A)CONTROL PIPING(P.T.O. FOOT PEDAL SPEC.)
- 170. (108B)CONTROL PIPING(P.T.O.2 SPEC.)
- 109. ACCUMULATOR
- 110. GREASING

IMPLEMENT

- 111. BOOM BRACKET
- 112. BOOM
- 113. ARM
- 114. BUCKET ARM & LINK(TO DEC. 2024)
- 183. (114A)BUCKET ARM & LINK(FROM JUN. 2025)
- 115. QUICK COUPLER
- 116. PLUG(IMPLEMENT)
- 117. BLADE

Contents

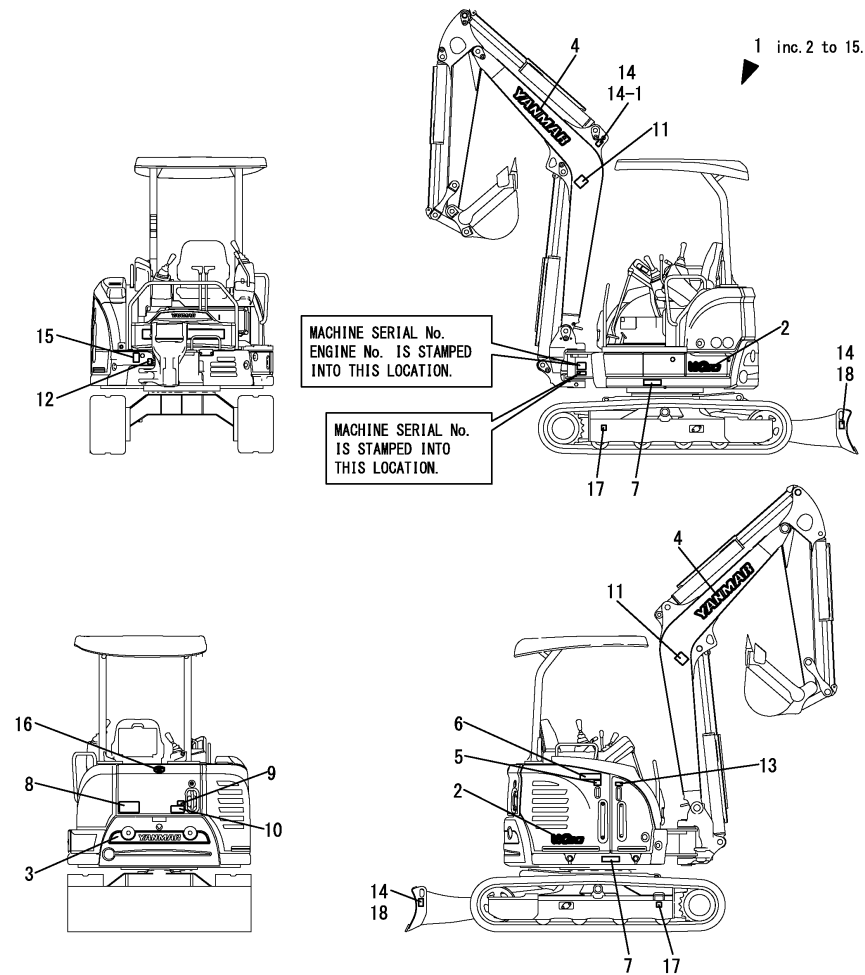
Fig. No. Fig. Name

Fig. No. Fig. Name

OPTIONAL & KIT

- 119. REARVIEW MIRROR KIT(OPTIONAL)
- 120. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)
- 121. ADDITIONAL WEIGHT KIT(OPTIONAL)
- 150. (121A)ADDITIONAL WEIGHT KIT(OPTIONAL)
- 130. HEATER KIT(CANOPY)(OPTIONAL)
- 171. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)
- 179. REMOTE CONTROLLER KIT(1.5G)(OPTIONAL)
- 182. REMOTE CONTROLLER KIT(3.0G)(OPTIONAL)

Fig.1. LABEL(EXTERIOR)(TO MAF000)



SAFETY LABEL

6

WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.

7

WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.

8

WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.

9

WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INJURY OR DEATH.

10

WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INJURY OR DEATH.

11

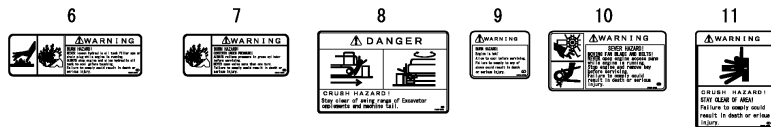
WARNING

DO NOT ATTEMPT TO REPAIR OR MAINTAIN THE MACHINE WHILE IT IS IN THE PROCESS OF LIFTING OR TIE-DOWNING. FAILURE TO FOLLOW THESE INJURY OR DEATH.

Remarks
(1)P.T.O.(Lever switch) specification.

							Q'ty						I R			
							(A)	(B)	(C)	(D)	(E)	(F)				
							(A)=VIO30-6A P(KR)									
							(D)=									
							(E)=									
							(F)=									
No.	Lev.	Parts No.	Description													
1	1	172B02-08140	LABEL SET,OUT KR	1												
2	2	172B02-03151	LABEL, MODEL L R	2												
3	2	172B03-03160	LABEL,REAR	1												
4	2	172A65-03230	LABEL,YANMAR 627	2												
5	2	172463-03290	LABEL, HYD.OIL	1												
6	2	172437-03322	LABEL, RESEVOIR	1												
7	2	172437-03352	LABEL, CYLINDER	2												
8	2	172437-03381	LABEL, SWING AREA	1												
9	2	172437-03402	LABEL, ENGINE COVER	1												
10	2	172A36-03411	LABEL, ENGINE ROOM	1												
11	2	172437-03461	LABEL, BOOM	2												
12	2	172B03-03460	LABEL, GREASE US	1												
13	2	172437-03501	LABEL, FUEL	1												
14	2	172437-03511	LABEL, LIFTING	3												
14-1	2	172437-03511	LABEL, LIFTING	1									K			
(A=MAF014)																
15	2	172A79-03160	LABEL,PTO SELCT	1										1		
16	1	41800-210040	EMBLEM, M 04	1												
17	1	172B03-03930	LABEL,TIE-DOWN	2									W			
(A=MAF014)																
18	1	172B03-03940	LABEL,LIFTING & TIE	2									W			
(A=MAF014)																

Fig.123. (1A)LABEL(EXTERIOR)(FROM MAF001)



(1)P.T.O.(Lever switch) specification.
(2)P.T.O.(Foot pedal) specification.

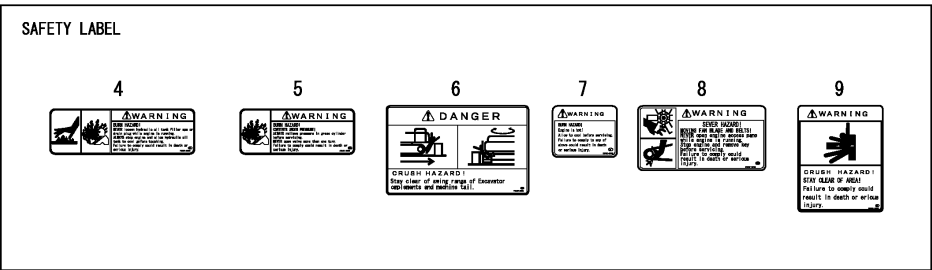
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-08141	LABEL SET,OUT KR D	1							
1-1	1	172B02-08142	LABEL SET,OUT KR D	1							S
		(A=MAF014)									
2	2	172B04-03980	LABEL, REFLECTOR M	2							
3	2	172B03-04790	LABEL, REAR 30	1							
3-1	2	172A86-03790	LABEL, YANMAR 450 B	1							S
		(A=MAF014)									
4	2	172544-03171	LABEL, YANMAR 630 BR	2							
5	2	172463-03290	LABEL, OILING US	1							
6	2	172437-03322	LABEL, RESERVOIR US	1							
7	2	172437-03352	LABEL, GREASE CYL US	2							
8	2	172437-03381	LABEL, SWING AREA	1							
8-1	2	172A64-03380	LABEL, SWING AREA US	1							N
		(A=MAF014)									
9	2	172437-03402	LABEL, ENGINE COVER	1							
10	2	172A36-03411	LABEL, ENGINE ROOM	1							
11	2	172437-03461	LABEL, BOOM	2							
12	2	172B03-03460	LABEL, GREASE US	1							
13	2	172437-03501	LABEL, FUEL US	1							
14	2	172437-03511	LABEL, LIFTING	3							
14-1	2	172437-03511	LABEL, LIFTING	1							K
		(A=MAF014)									
14-2	2	172437-03512	LABEL,LIFTING	1							N
		(A=*2021.12)									
15	2	172A79-03160	LABEL, PTO SELECT	1							1
16	2	172B02-04470	LABEL, MODEL VIO30 L	1							
17	2	172B02-04480	LABEL, MODEL VIO30 R	1							
17A	2	172B03-03930	LABEL,TIE-DOWN	2							W
		(A=MAF014)									
17B	2	172B03-03940	LABEL,LIFTING & TIE	2							W
		(A=MAF014)									
18	1	172B02-03300	EMBLEM ASSY, FY M1 Y	1							
19	1	172A46-03270	LABEL, PTO SELECT	1							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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.172. (1B)LABEL(EXTERIOR)(PREMIUM RED SPEC.)



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

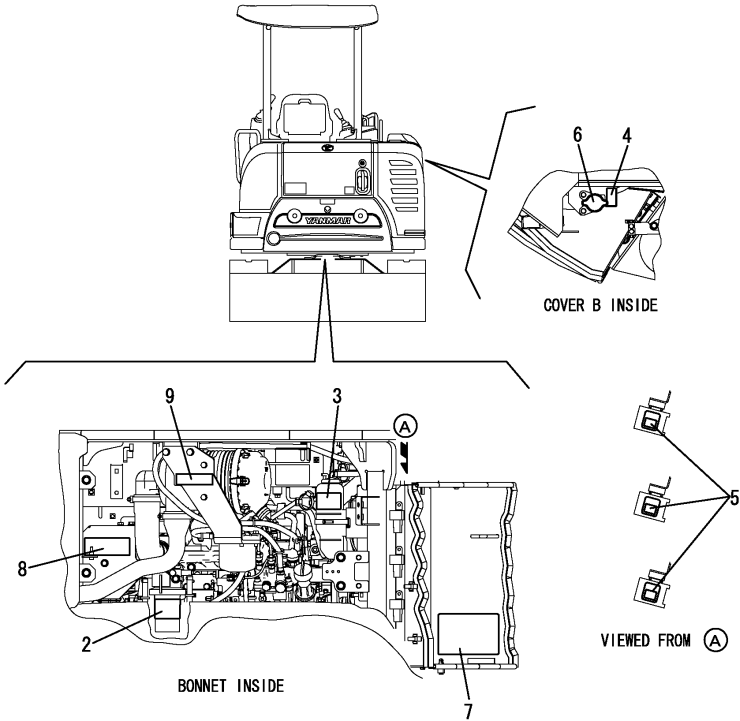
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-08040	LABEL SET,OUT KRJ PR	1							
2	2	172A79-03160	LABEL, PTO SELECT	1							
3	2	172463-03290	LABEL, OILING US	1							
4	2	172437-03322	LABEL, RESERVOIR US	1							
5	2	172437-03352	LABEL, GREASE CYL US	2							
6	2	172A64-03380	LABEL, SWING AREA US	1							
7	2	172437-03402	LABEL, ENGINE COVER	1							
8	2	172A36-03411	LABEL, ENGINE ROOM	1							
9	2	172437-03461	LABEL, BOOM	2							
10	2	172B03-03460	LABEL, GREASE US	1							
11	2	172437-03501	LABEL, FUEL US	1							
12	2	172437-03512	LABEL,LIFTING	1							
13	2	172663-03520	LABEL,YANMAR 450 W	1							
14	2	172B03-03930	LABEL,TIE-DOWN	2							
15	2	172B03-03940	LABEL,LIFTING & TIE	2							
16	2	172B04-03980	LABEL, REFLECTOR M	2							
17	2	172A86-04390	LABEL,FY&YANMAR 560W	2							
18	2	172B02-04470	LABEL, MODEL VIO30 L	1							
19	2	172B02-04480	LABEL, MODEL VIO30 R	1							
20	1	172B02-03350	EMBLEM ASSY,FY M1 BK	1							

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08160	LABEL SET,IN EX	1							
2	2	172A07-03160	LABEL	1							
3	2	172A38-03201	LABEL, SUB TANK	1							
4	2	172A38-03211	LABEL, ANTI-FREEZING	1							
5	2	172B03-03260	LABEL,FUSE	1							
6	2	172462-03320	LABEL, RADIATOR	1							
7	2	172437-03361	LABEL, BATTERY	1							
8	2	172B03-03390	LABEL,SILENCER EX	1							
9	2	172125-03951	LABEL, AIR CLEANER	1							

1 INC. 2~9.



SAFETY LABEL

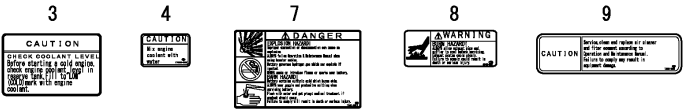
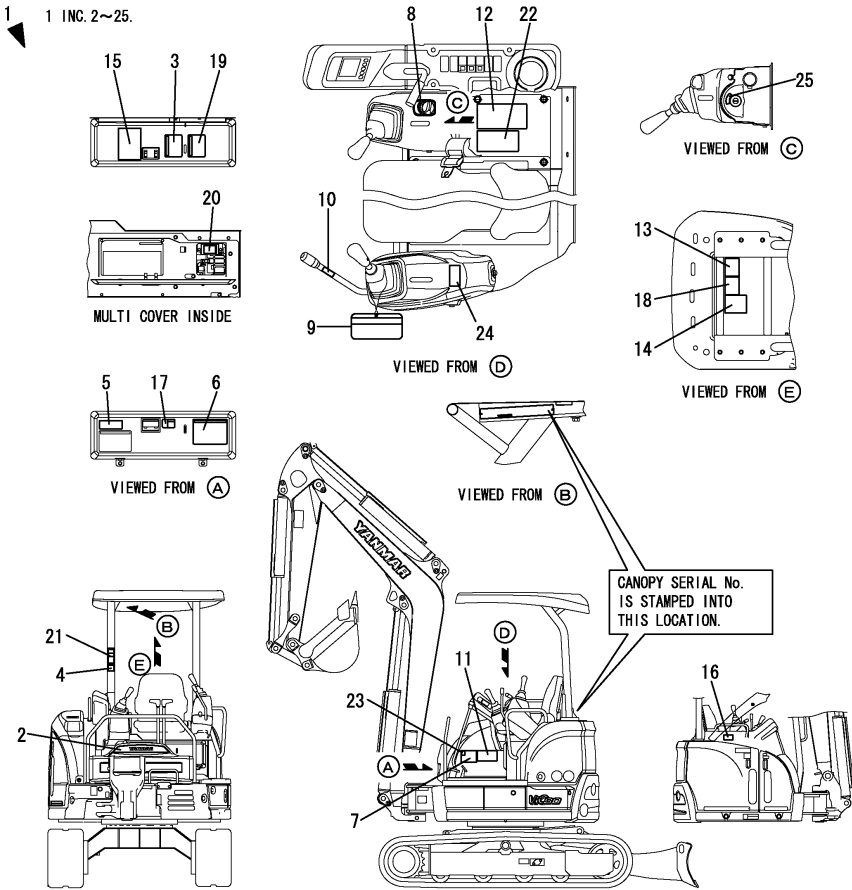


Fig.3. LABEL(CANOPY)(TO MAF000)

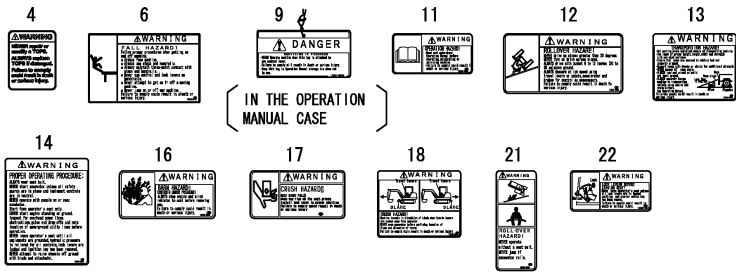
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

1 1 INC. 2~25.



SAFETY LABEL



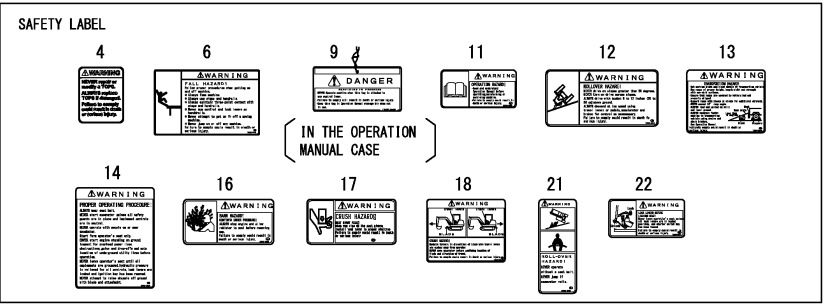
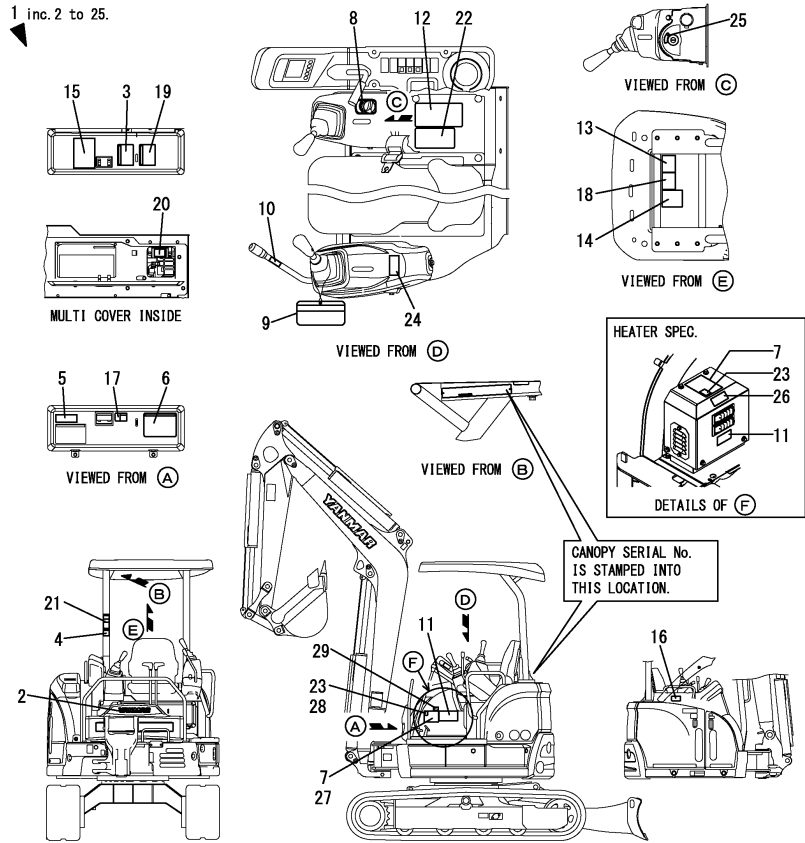
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-08450	LABEL SET, 2P KR	1							
2	2	172B03-03140	LABEL,FRONT TOPS	1							
3	2	172437-03242	LABEL, CRAWLER	1							
4	2	172499-03270	LABEL, TOPS	1							
5	2	172B02-03061	LABEL, SPEC KR	1							
6	2	172472-03141	LABEL, SUPPORT	1							
7	2	172B03-03200	LABEL, OPERATION	1							1
8	2	172A69-03220	LABEL,ACCELERATOR	1							
9	2	172437-03252	TAG ASSY, CAUTION	1							
10	2	172183-03280	LABEL, LOCK	1							
11	2	172437-03302	LABEL, MANUAL	1							
12	2	172437-03312	LABEL, SLOPE	1							
13	2	172437-03343	LABEL, TRANSPORT	1							
14	2	172437-03372	LABEL, NEUTRAL	1							
15	2	172B03-03380	LABEL,OIL/WATER US	1							
16	2	172437-03391	LABEL, RADIATOR	1							
17	2	172B03-03410	LABEL,SEAT TILT UP	1							
18	2	172437-03432	LABEL, STEERING	1							
19	2	172B03-03430	LABEL,GREASING US	1							
20	2	172B03-03440	LABEL,FUSE BOX US	1							
21	2	172437-03451	LABEL, SEAT BELT	1							
22	2	172437-03471	LABEL, LEVER LOCK	1							
23	2	172A79-03150	LABEL,PTO SWITCH	1							1
24	2	172A47-03371	LABEL,PTO EX	1							1
25	2	172B03-03220	LABEL,SW	1							

Remarks
(1)P.T.O.(Lever switch) specification.

Fig.124. (3A)LABEL(CANOPY)(FROM MAF001)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

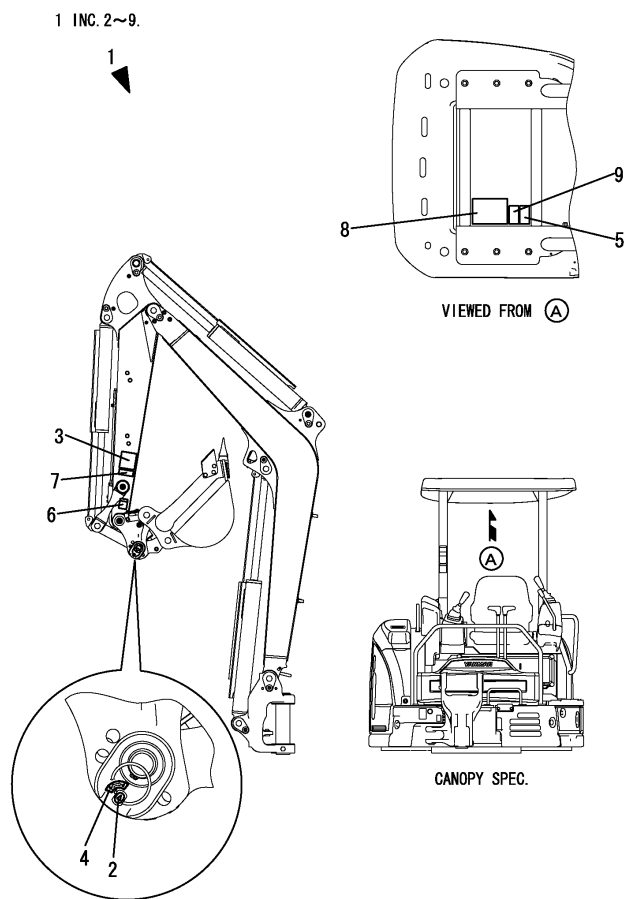


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-08451	LABEL SET,2P KR D	1							
2	2	172A86-03750	LABEL, YANMAR 280 B	1							
3	2	172437-03242	LABEL,ADJUST CRAWLER	1							
4	2	172499-03270	LABEL, TOPS	1							
5	2	172B02-03061	LABEL, SPEC KR	1							
6	2	172472-03141	LABEL, SUPPORT	1							
7	2	172B03-03200	LABEL, OPERATION	1							2
8	2	172A69-03220	LABEL, ACCELERATOR	1							
9	2	172437-03252	TAG ASSY, CAUTION	1							
10	2	172183-03280	LABEL, LOCK	1							
11	2	172437-03302	LABEL, MANUAL	1							
12	2	172437-03312	LABEL, SLOPE	1							
13	2	172437-03343	LABEL, TRANSPORT	1							
14	2	172437-03372	LABEL, NEUTRAL	1							
15	2	172B03-03380	LABEL, OIL&WATER US	1							
16	2	172437-03391	LABEL, RADIATOR	1							
17	2	172B03-03410	LABEL, SEAT TILT UP	1							
18	2	172437-03432	LABEL, STEERING	1							
19	2	172B03-03430	LABEL, GREASING US	1							
20	2	172B03-03440	LABEL, FUSE BOX US	1							
21	2	172437-03451	LABEL, SEAT BELT	1							
22	2	172437-03471	LABEL, LEVER LOCK US	1							
23	2	172A79-03150	LABEL, PTO SWITCH	1							2
23-1	2	172B03-03730	LABEL, PTO SWITCH HD	1						N	2
(A=MAF014)											
24	2	172A47-03371	LABEL, PTO EX	1							2
25	2	172B03-03220	LABEL, KEY SWITCH	1							
26	1	172B03-04200	LABEL, HEATER 2P	1						W	1
(A=MAF008)											
27	1	172490-03200	LABEL, OPERATION	1							3
28	1	172A46-03220	LABEL, PTO	1							3
29	1	172B03-03360	LABEL, PTO2	1							4

Remarks
(1)Heater specification.
(2)P.T.O.(Lever switch) specification.
(3)P.T.O.(Foot pedal) specification.
(4)P.T.O.2 specification.

Fig.4. 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							
2	2	172958-03160	LABEL	1							
3	2	172472-03230	LABEL, OPERATION	1							
4	2	172458-03240	LABEL, LOCK	1							
5	2	172472-03241	LABEL, PIN US	1							
6	2	172472-03261	LABEL, FINGER	1							
7	2	172472-03330	LABEL, LOCK PIN	1							
8	2	172B03-04400	LABEL,WARNING HITCH	1							
9	2	172B03-04410	LABEL,SAND US	1							

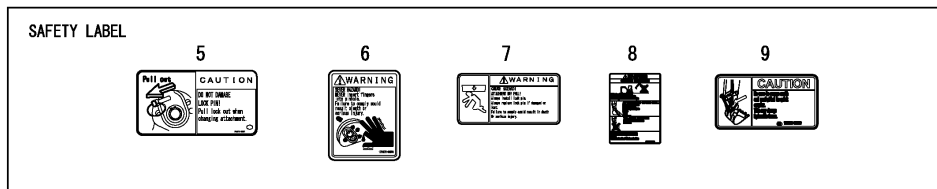
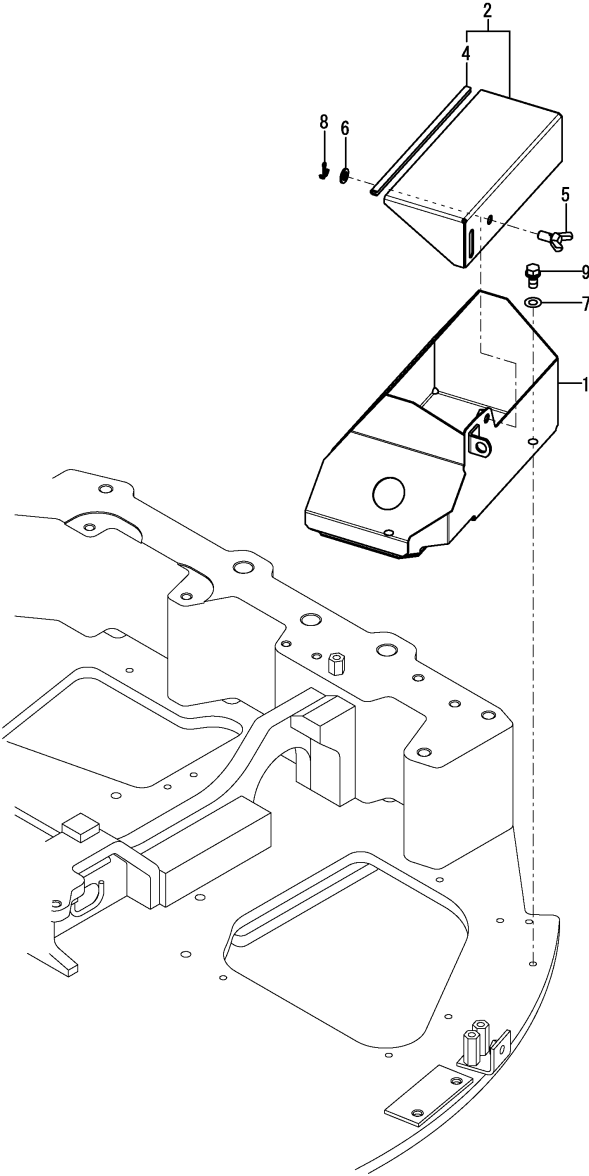
[illegible]

Fig.5. TOOL CASE(METAL)



0-11

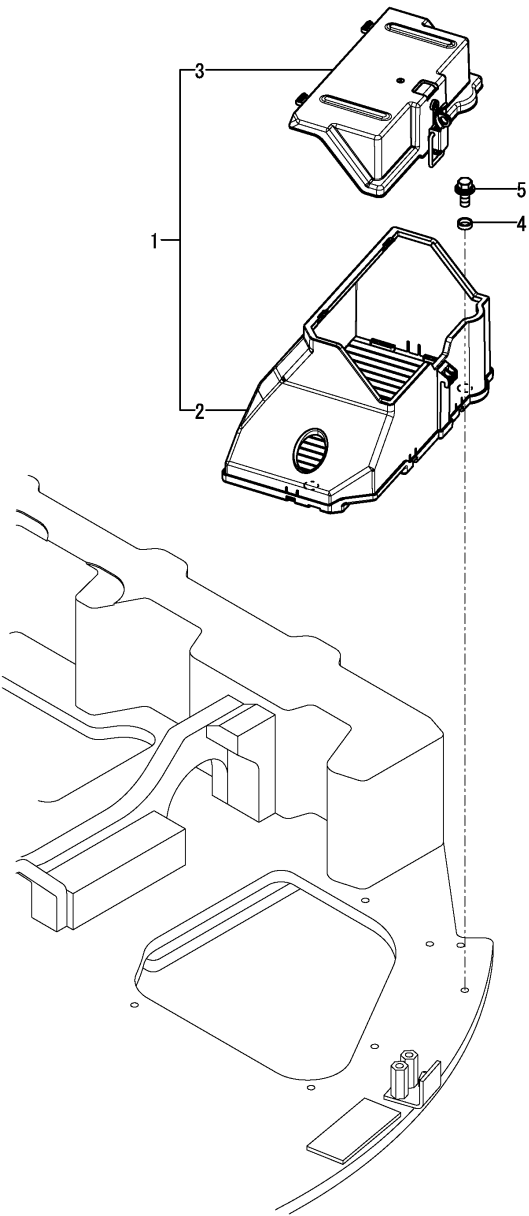
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-05310	BOX ASSY, TOOL	1							
2	1	172B03-05360	PLATE ASSY, UP BOX	1							
4	2	172434-61200	TRIM, 245	1							
5	1	172142-62301	BOLT, WING	1							
6	1	22117-100000	WASHER, 10	1							
7	1	22137-100000	WASHER, 10	2							
8	1	22417-250200	PIN, COTTER 2.5X20	1							
9	1	26013-100202	BOLT, SPRING M10X 20	2							
11	1	1C7100-99650	RING	1							

Remarks
* No.1, 2, 4, 5, 6, 7, 8 & 9 is interchangeable with a set of Fig.151 No.1, 2, 3, 4 & 5.

Fig.151. (5A)TOOL CASE(RESin)

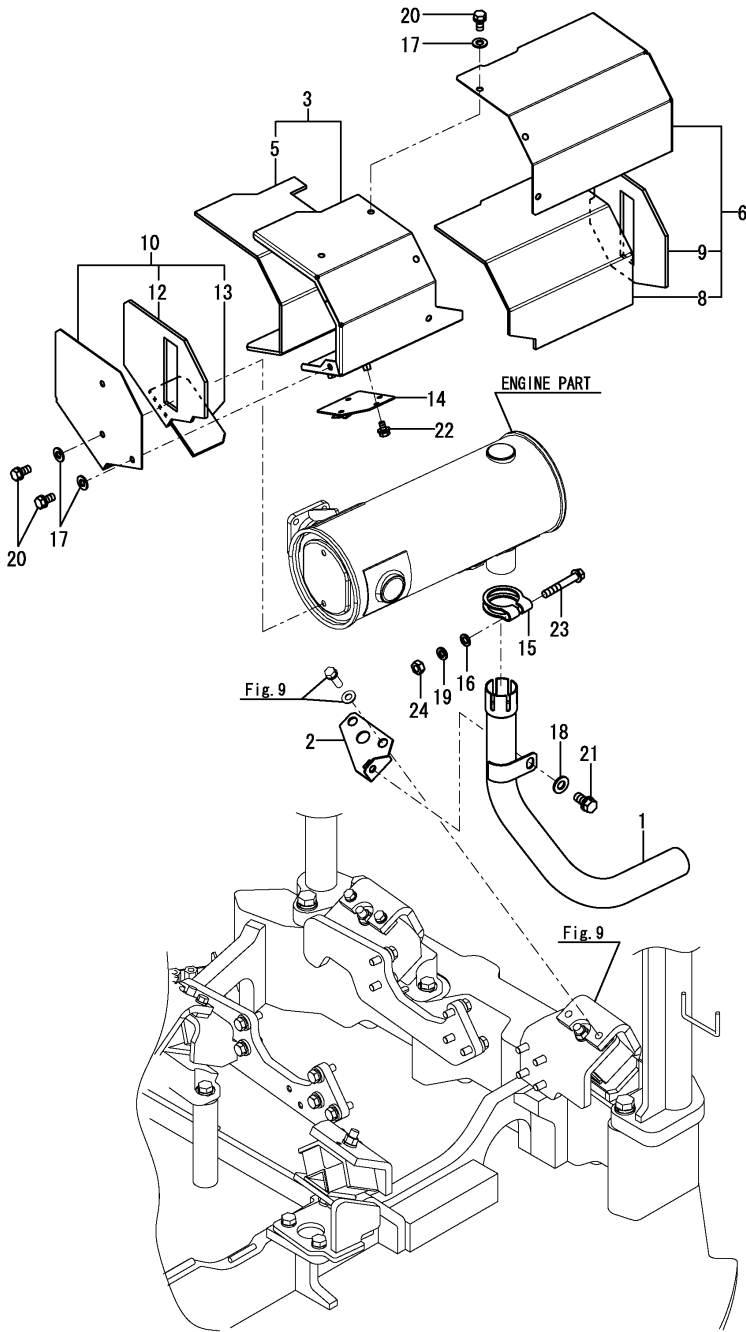


7

(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-05400	TOOLBOX ASSY	1							
2	2	172B03-05500	TOOLBOX ASSY,FRAME	1							
3	2	172B03-05600	TOOLBOX ASSY,COVER	1							
4	1	172A47-65550	COLLAR, 13X16X5	2							
5	1	26014-100252	BOLT, M10X 25	2							
7	1	1C7100-99650	RING	1							

Fig.6. MUFFLER



(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-11350	PIPE ASSY, EXHAUST	1							
2	1	172B03-11380	BRACKET ASSY,EXHAUST	1							
3	1	172B03-11600	COVER ASSY, MUFFLER	1							
5	2	172B03-11640	SHEET, INSULATION	1							
6	1	172B03-11650	COVER ASSY, MUFFLER	1							
8	2	172B03-11680	SHEET, INSULATION	1							
9	2	172B03-11690	SHEET, INSULATION	1							
10	1	172B03-11700	COVER ASSY, MUFFLER	1							
12	2	172B03-11730	SHEET, INSULATION	1							
13	2	172B03-11740	SHEET, INSULATION	1							
14	1	172B03-11851	PLATE ASSY,CONNECTOR	1							
15	1	121120-13580	CLAMP	1							
16	1	22117-100000	WASHER, 10	1							
17	1	22137-080000	WASHER, 8	8							
18	1	22137-100000	WASHER, 10	1							
19	1	22217-100000	WASHER, SPRING 10	1							
20	1	26013-080162	BOLT, M8X 16	8							
21	1	26013-100202	BOLT, M10X 20	1							
22	1	26014-060122	BOLT, M6X 12	2							
23	1	26106-100652	BOLT, M10X 65 PLATED	1							
24	1	26706-100002	NUT, M10	1							

(A)=VIO30-6A P(KR)
(B)=
(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	172B03-11510	HOSE, AIR CLEANER A	1							
3	1	172B03-11520	HOSE, AIR CLEANER B	1							
4	1	172B03-11531	AIR CLEANER ASSY	1							
5	2	1A8240-05110	ELEMENT ASSY, OUTER	1							
6	2	172B03-11551	COVER ASSY,AIRCLEANE	1							
7	2	172B03-11560	PLUG	1							
8	2	172B03-11571	NUT,AIR CLEANER	2							
9	1	172B03-13180	BRACKET ASSY,A CL US	1							
10	1	23000-070000	CLAMP, 70	2							
11	1	23000-070000	CLAMP, 70	1							
12	1	26013-100402	BOLT, M10X 40	2							
13	1	26014-080252	BOLT, M8X 25	2							

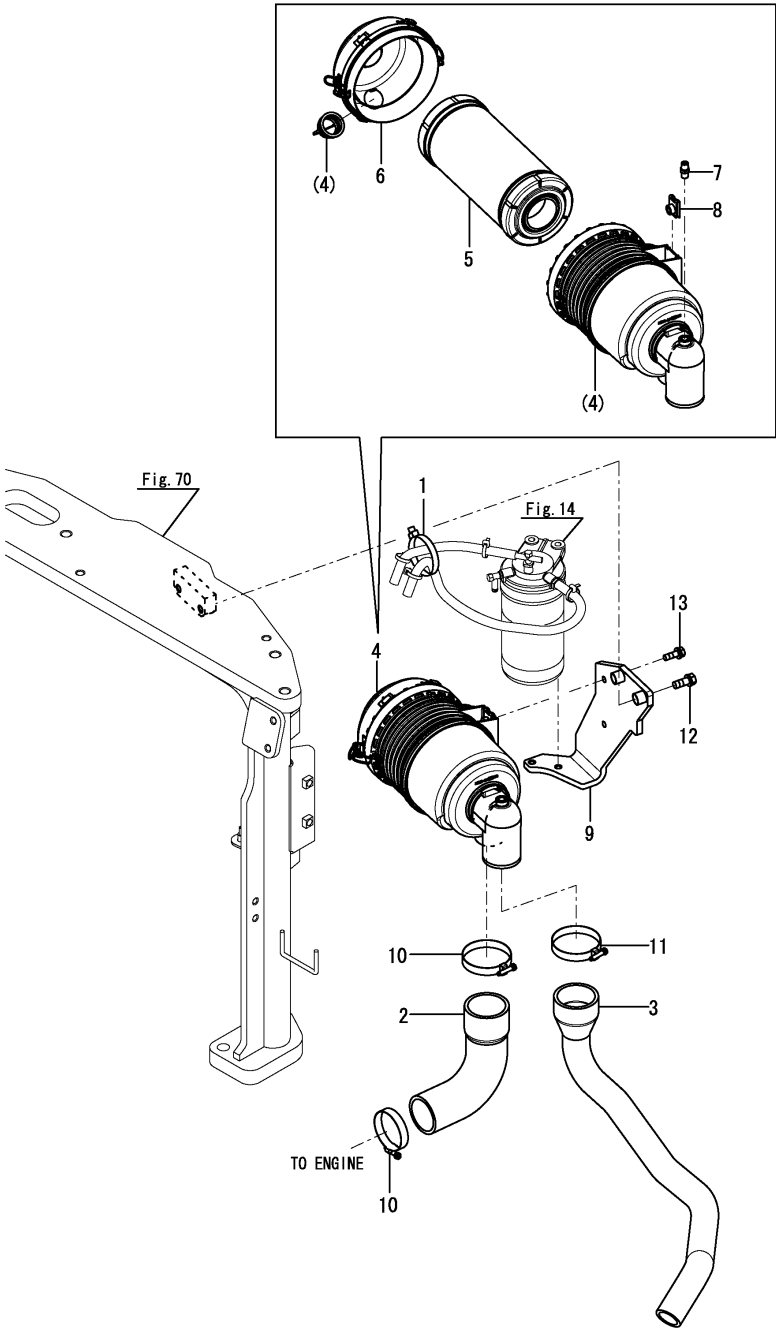
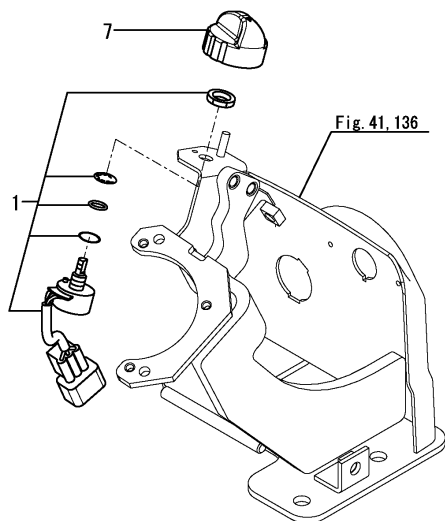
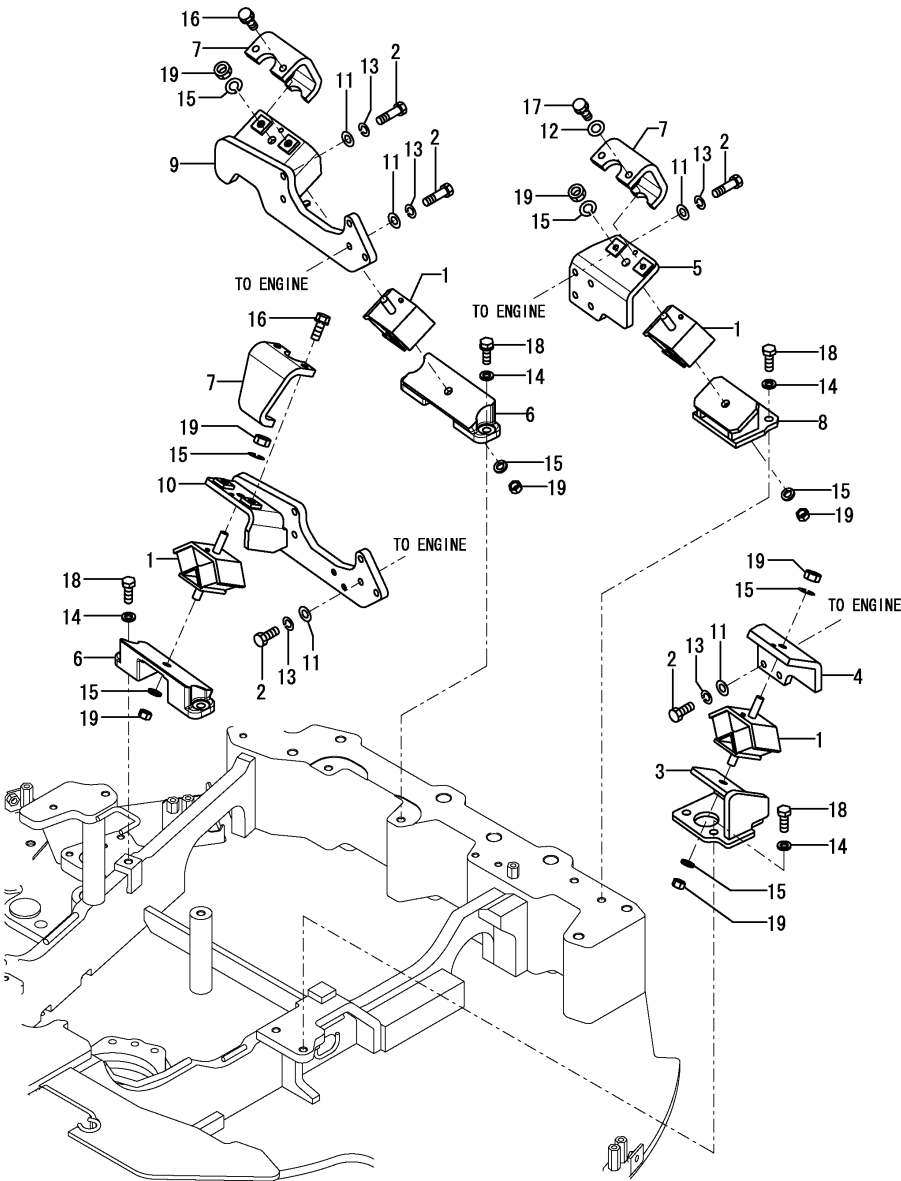


Fig.8. ACCELERATOR

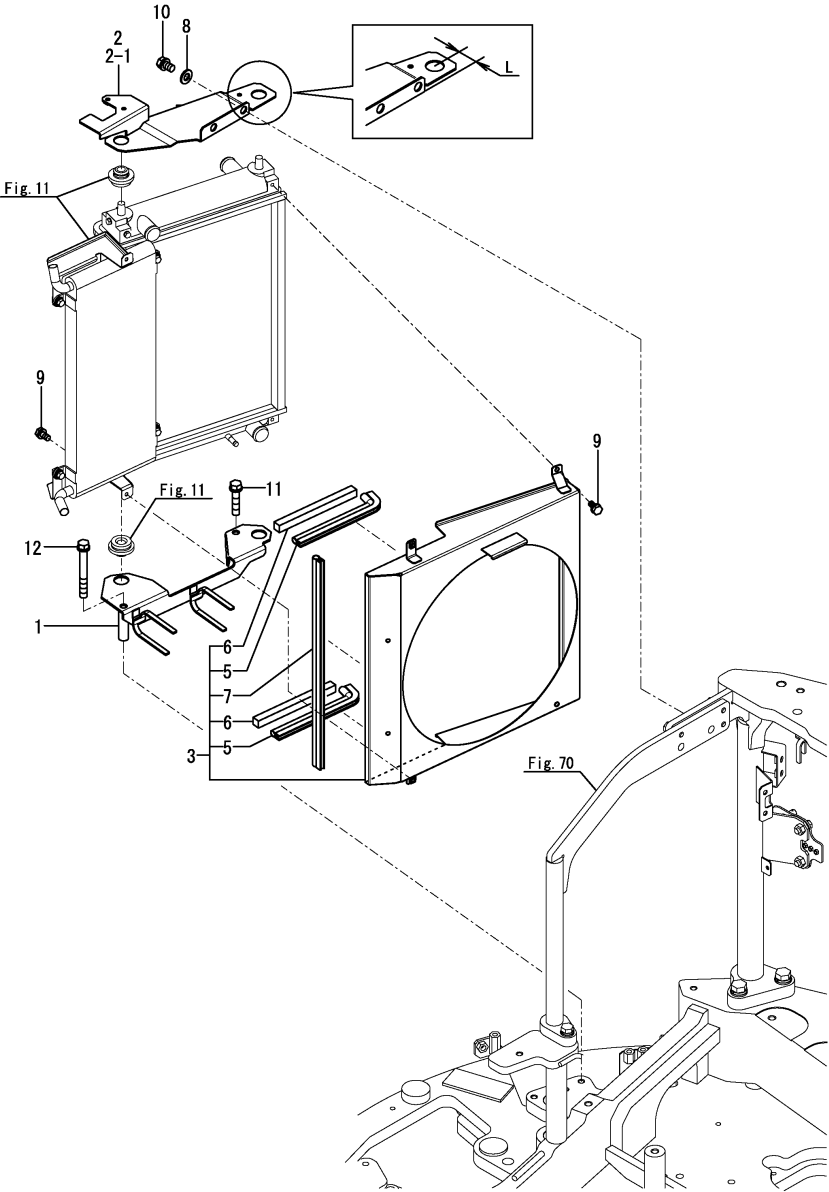
[illegible]

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	196420-02310	ABSORBER, SHOCK 230	4							
2	1	172A21-13100	BOLT	18							
3	1	172B03-13100	MOUNT ASSY, ENG L	1							
4	1	172175-13110-1	PLATE	1							
5	1	172490-13112-1	BRACKET ASSY,EN BR	1							
6	1	172458-13120-1	BRACKET, ENGINE	2							
7	1	172124-13230-5	STOPPER, ENGINE	3							
8	1	172B03-13230	MOUNT ASSY, ENG R	1							
9	1	172B03-13280	BRACKET ASSY, ENG FR	1							
10	1	172B03-13290	BRACKET ASSY, ENG FL	1							
11	1	172A79-72570	WASHER	18							
12	1	22137-100000	WASHER, 10	2							
13	1	22217-100000	WASHER, SPRING 10	18							
14	1	22217-120000	WASHER, SPRING 12	8							
15	1	22217-120000	WASHER, SPRING 12	8							
16	1	26013-100252	BOLT, M10X 25	4							
17	1	26013-100302	BOLT, M10X 30	2							
18	1	26076-120352	BOLT, 10.912X 35	8							
19	1	26716-120002	NUT, M12	8							



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-13351	BRACKET ASSY, L RAD	1							
2	1	172B03-13400	BRACKET ASSY, U RAD	1							
2-1	1	172B03-13401	BRACKET ASSY, U RAD	1						S	1
(A=*2019.08)											
3	1	172B03-13900	SHROUD ASSY	1							
5	2	172B03-13970	RUBBER, SEAL 210	2							
6	2	172B03-13980	SEAL, 15X15X210	2							
7	2	172A69-19270	RUBBER, SEAL	1							
8	1	22137-100000	WASHER, 10	2							
9	1	26013-060122	BOLT, SPRING M6X 12	4							
10	1	26013-100162	BOLT, SPRING M10X 16	2							
11	1	26013-100452	BOLT, SPRING M10X 45	1							
12	1	26013-100852	BOLT, SPRING M10X 85	1							

Remarks

(1)L=No.2 : 37mm, No.2-1 : 33mm.
Interchangeable by simultaneous replacement with Fig.70 No.3-1 & 13-1(or Fig.128 No.3-1 & 13-1).

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4105-11950	FILLER ASSY	1							
2	2	1D4105-11990	CAP, FILLER	1							
3	1	172B03-13160	RADIATOR ASSY	1							
4	1	172444-13210	COCK ASSY, 2-WAY	1							
5	2	172444-13220	BODY	1							
6	2	121250-49121	PLUG, DRAIN	1							
7	2	24311-000160	O-RING, 1AP16.0	1							
8	1	172122-13381	HOSE	1							
9	1	172B03-13551	HOSE, CW-T A	1							
10	1	172B03-13560	HOSE, CW-T B	1							
11	1	172B03-13570	HOSE, CW-T C	1							
12	1	172B03-13580	HOSE ASSY, 800	1							
13	1	172B03-13800	BRACKET ASSY, S	1							
14	1	129263-44510	TANK ASSY, SUB	1							
15	1	124450-44550	BAND	1							
16	1	121256-44600	BRACKET, SUB TANK	1							
17	1	184015-44680	ABSORBER, SHOCK	4							
18	1	194680-51670	BAND, CLIP	1							
19	1	124766-59050	CLIP, HOSE 11.5	2							
20	1	124766-59050	CLIP, HOSE 11.5	2							
21	1	172B03-74800	COOLER ASSY, OIL	1							
22	1	22137-060000	WASHER, 6	2							
23	1	23001-041000	CLAMP, HOSE 41	2							
24	1	23001-041000	CLAMP, HOSE 41	2							
25	1	23001-041000	CLAMP, HOSE 41	1							
26	1	23001-048000	CLAMP, HOSE 48	1							
27	1	26013-060122	BOLT, M6X 12	4							
28	1	26013-060122	BOLT, M6X 12	4							
29	1	26013-060162	BOLT, M6X 16	2							
30	1	26013-080162	BOLT, M8X 16	2							
31	1	26013-080302	BOLT, M8X 30	2							
32	1	26014-080162	BOLT, M8X 16	4							

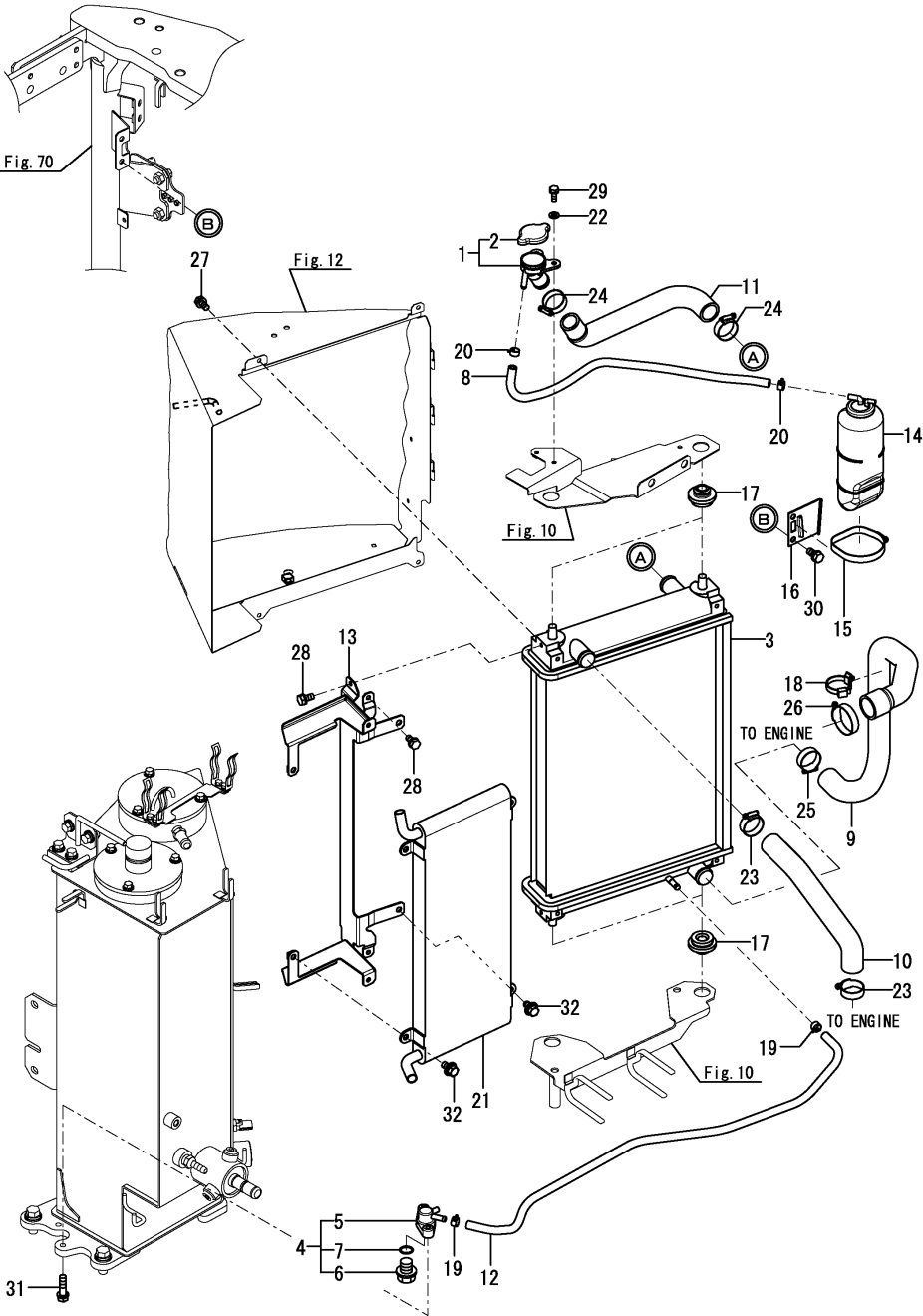
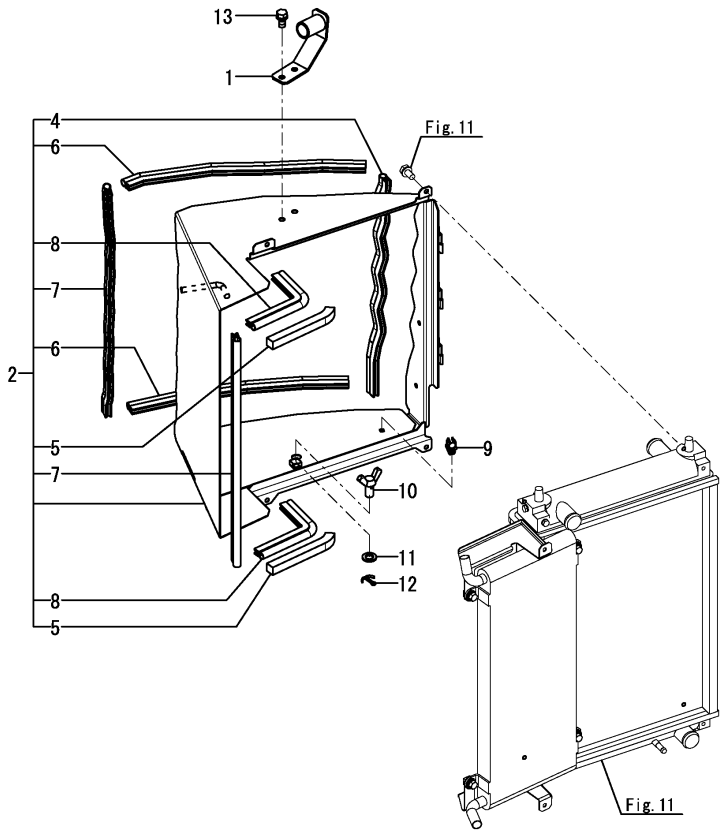


Fig.12. DUCT

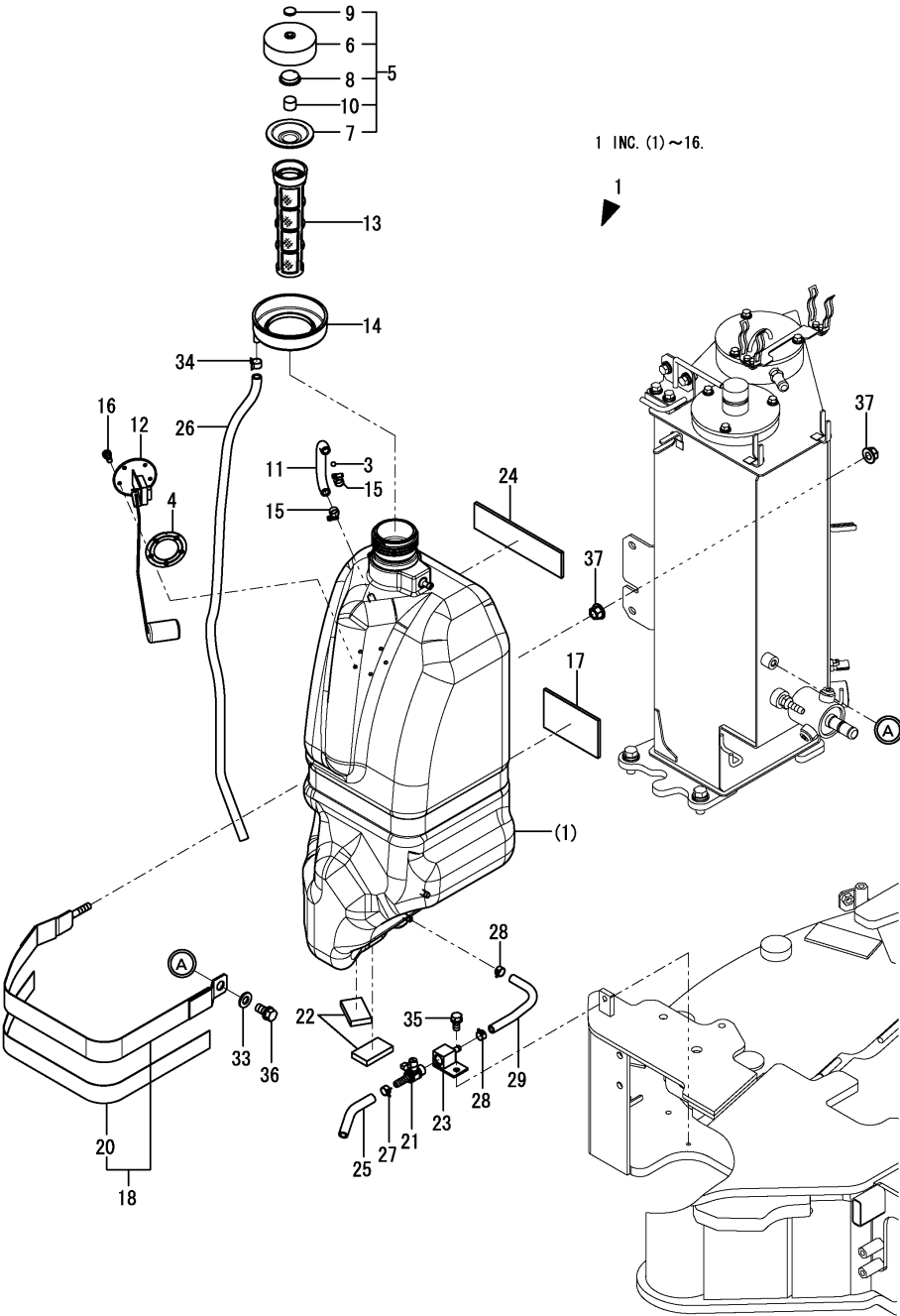


(A)=VIO30-6A P(KR)
(B)=
(C)=

0CK50-M00290 Fig.12
(D)=
(E)=
(F)=

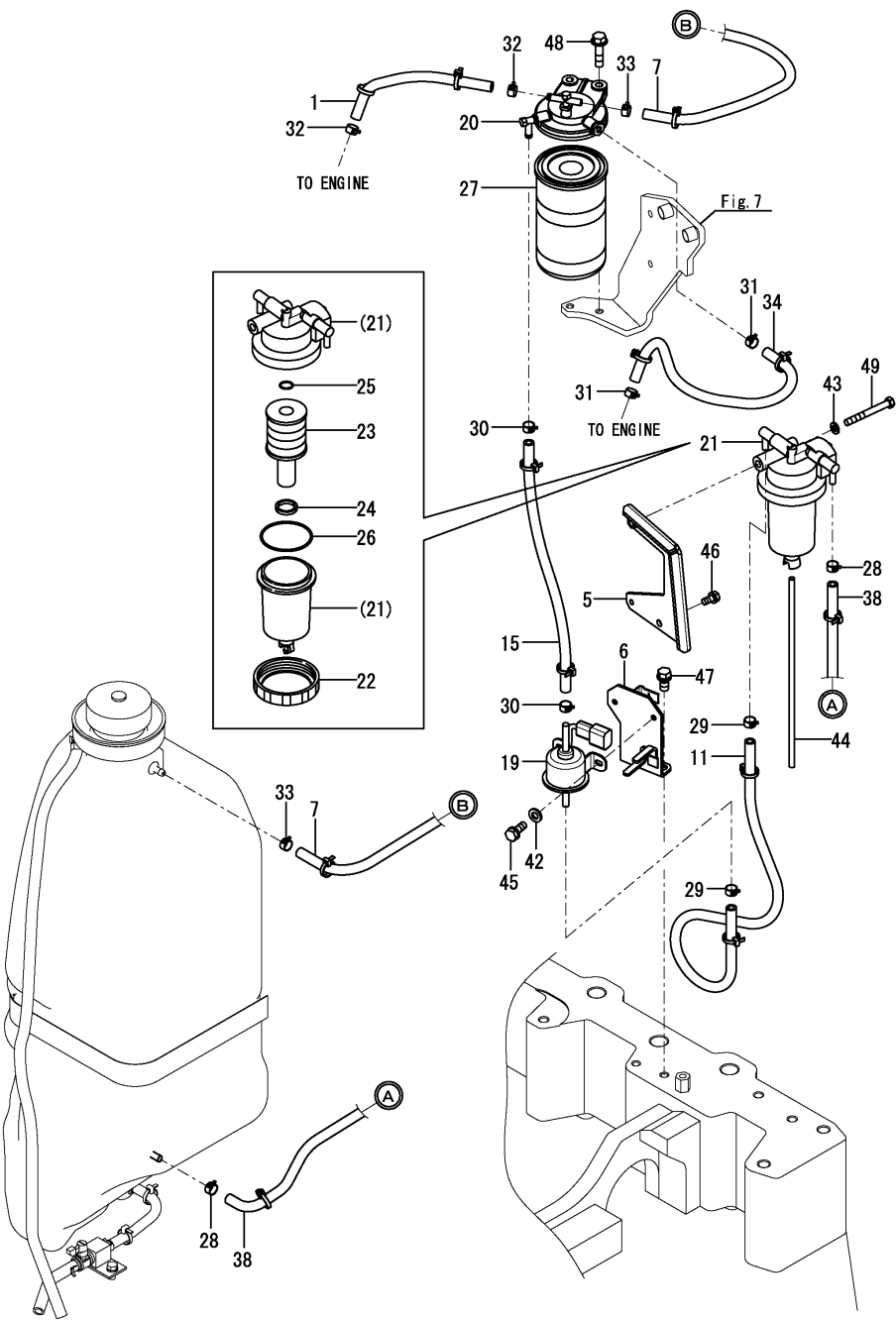
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-05250	PLATE ASSY,GREASE	1							
2	1	172B03-13600	DUCT ASSY	1							
4	2	172B03-13700	SEAL, 480	1							
5	2	172B03-13710	SEAL, 130	2							
6	2	172A64-13760	SEAL	2							
7	2	172A69-19270	RUBBER, SEAL	2							
8	2	172A65-64840	SEAL, 190	2							
9	1	1A7400-61250	HOLDER, ROD 8	1							
10	1	172142-62301	BOLT, WING	1							
11	1	22117-100000	WASHER, 10	1							
12	1	22417-320200	PIN, COTTER 3.2X20	1							
13	1	26013-080162	BOLT, M8X 16	2							

Fig.13. FUEL TANK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08390	TANK KIT,FUEL	1							
3	2	172447-14160	FLOAT	1							
4	2	172162-14200	GASKET	1							
5	2	172444-14200	CAP, FUEL	1							
6	3	172444-14450	CAP	1							
7	3	172444-14460	PACKING, RUBBER	1							
8	3	172444-14470	PACKING, RUBBER	1							
9	3	172444-14480	WASHER	1							
10	3	172444-14490	SPONGE	1							
11	2	172458-14203	HOSE, FUEL GAUGE	1							
12	2	172B03-14220	GAUGE, FUEL	1							
13	2	172B03-14250	STRAINER	1							
14	2	172458-14370	SUMP, FUEL	1							
15	2	23000-013000	CLAMP, 13	2							
16	2	26022-050122	SCREW, M5X12	5							
17	1	172444-14130	PLATE, RUBBER	1							
18	1	172B03-14150	CLAMP ASSY	1							
20	2	172B03-14200	RUBBER, CLAMP	1							
21	1	172A69-14230	VALVE, FUEL DRAIN	1							
22	1	172B03-14230	RUBBER	2							
23	1	172B03-14270	JOINT ASSY, DRAIN	1							
24	1	172458-14340	PLATE, RUBBER	1							
25	1	172444-14410	HOSE, DRAIN	1							
26	1	172A47-14520	HOSE	1							
27	1	106990-44660	CLAMP, HOSE 12.5	1							
28	1	124766-59050	CLAMP, HOSE 11.5	2							
29	1	184014-59640	HOSE	1							
29-1	1	172B03-14770	HOSE ASSY,FO 190	1							N
(A=MAF014)											
33	1	22137-100000	WASHER, 10	1							
34	1	23080-013000	CLAMP, 13	1							
35	1	26013-080162	BOLT, SPRING M8X 16	1							
36	1	26013-100202	BOLT, SPRING M10X 20	1							
37	1	26367-100002	NUT, M10	2							

Fig.14. FUEL PIPING

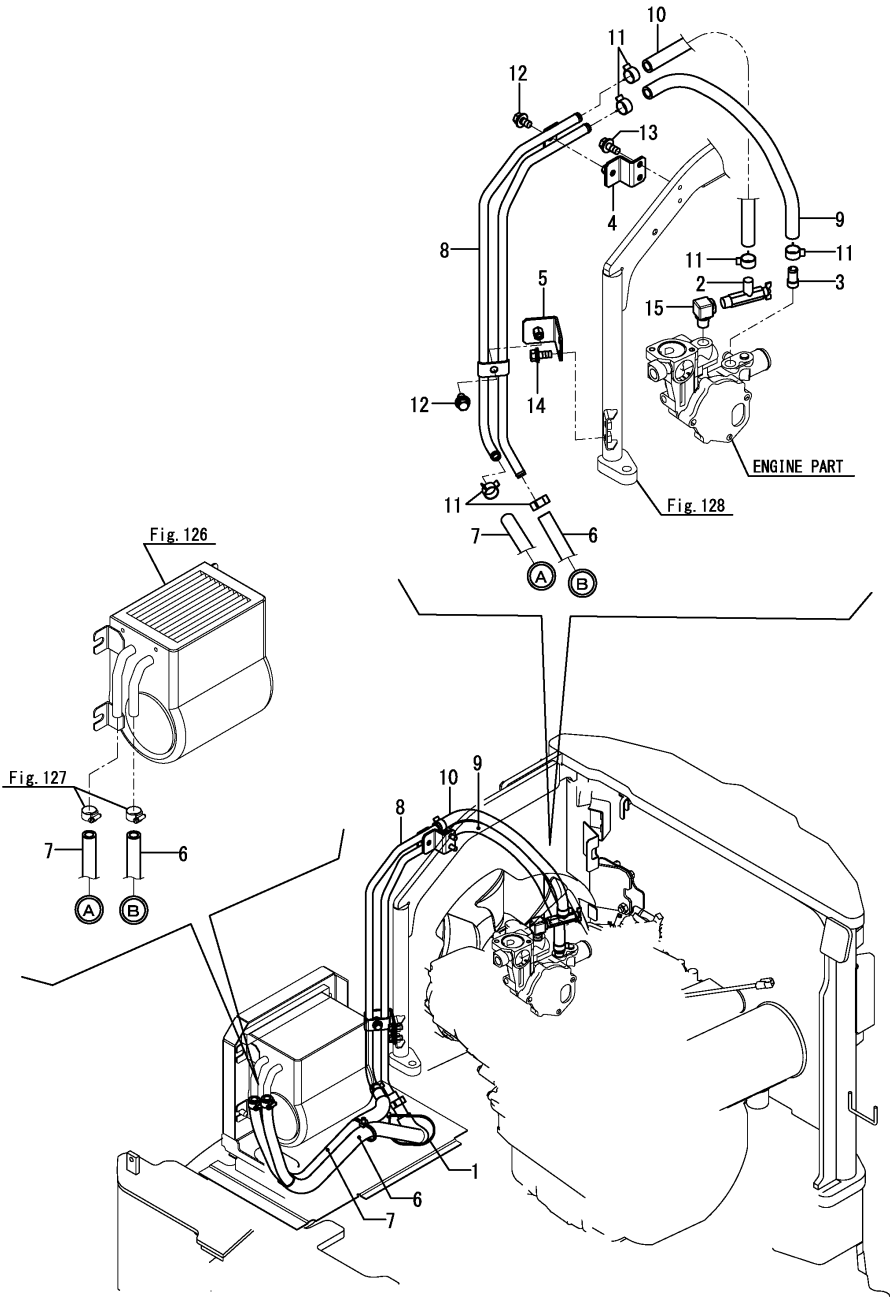


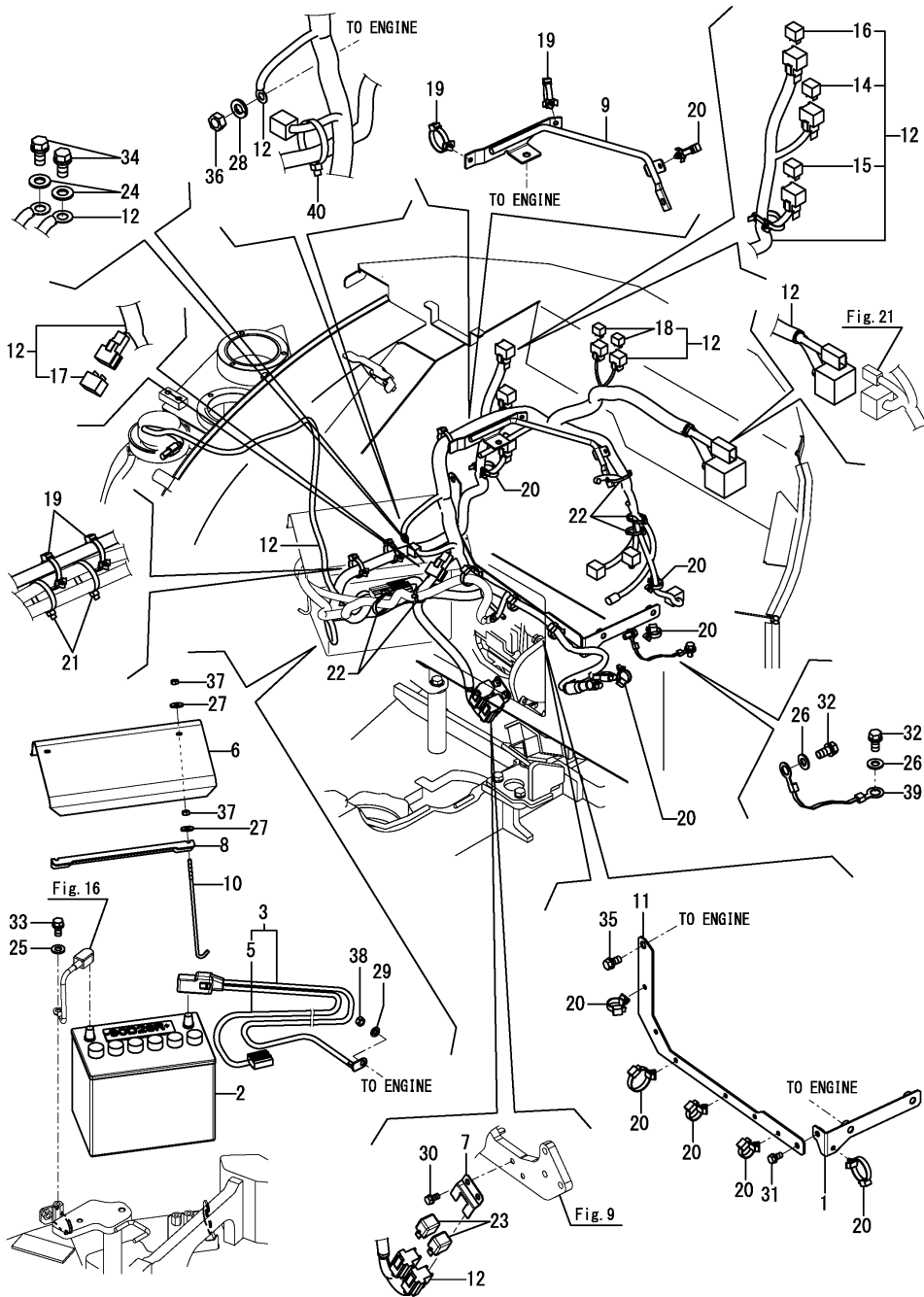
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-14250	HOSE ASSY,FO 260	1							
5	1	172B03-14300	BRACKET ASSY,WS	1							
6	1	172B03-14350	BRACKET ASSY, FP	1							
7	1	172A46-14601	HOSE ASSY, FUEL	1							
11	1	172B03-14610	HOSE ASSY, FO 600	1							
15	1	172448-14670	HOSE, FUEL	1							
19	1	129612-52100	PUMP ASSY, FUEL FEED	1							
20	1	129004-55612	BRACKET, FILTER	1							
21	1	184016-55701	SEPARATOR ASSY	1							
22	2	129100-55690	RING, RETAINING	1							
23	2	119802-55710	ELEMENT	1							
24	2	184016-55710	FLOAT	1							
25	2	24311-000160	O-RING, 1AP16.0	1							
26	2	24321-000650	O-RING, 1AG65.0	1							
27	1	129907-55810	FILTER, FUEL	1							
28	1	124766-59050	CLIP, HOSE 11.5	2							
29	1	124766-59050	CLIP, HOSE 11.5	2							
30	1	124766-59050	CLIP, HOSE 11.5	2							
31	1	124766-59050	CLIP, HOSE 11.5	2							
32	1	124766-59050	CLIP, HOSE 11.5	2							
33	1	124766-59050	CLIP, HOSE 11.5	2							
34	1	184012-59100	PIPE ASSY, FUEL	1							
38	1	184016-59300	PIPE ASSY, FUEL 1600	1							
42	1	22137-060000	WASHER, 6	2							
43	1	22217-080000	WASHER, SPRING 8	1							
44	1	23061-050300	PIPE, 5X 300	1							
45	1	26013-060162	BOLT, M6X 16	2							
46	1	26013-080162	BOLT, M8X 16	2							
47	1	26013-100202	BOLT, M10X 20	2							
48	1	26106-080302	BOLT, M8X 30 PLATED	2							
49	1	26116-080702	BOLT, M8X 70 PLATED	1							

(A)=VIO30-6A P(KR)
(B)=
(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	172425-17630	VALVE ASSY, HEATER	1							
3	1	172124-17640	JOINT, PIPE	1							
4	1	172B03-18600	STAY ASSY, PIPE	1							
5	1	172B03-18640	STAY ASSY, PIPE	1							
6	1	172B03-19570	HOSE ASSY,HEATER 765	1							
7	1	172B03-19600	HOSE ASSY,HEATER 600	1							
8	1	172B03-19710	PIPE ASSY, HEATER	1							
9	1	172B03-19860	HOSE, HEATER 420	1							
10	1	172B03-19870	HOSE, HEATER 380	1							
11	1	23080-018000	CLAMP, 18	6							
12	1	26014-080162	BOLT, M8X 16	2							
13	1	26014-080202	BOLT, M8X 20	2							
14	1	26014-080202	BOLT, M8X 20	2							
15	1	933166-24240	ELBOW, SWIVEL JOINT	1							





(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-11450	BRACKET ASSY, COVER	1							
2	1	172653-16100	BATTERY, 90D26R	1							
2-1	1	172653-16101	BATTERY,90D26R	1							N
(A=MAF014)											
3	1	172B03-16100	CABLE ASSY,+ BATTERY	1							
5	2	172B03-16120	HARNESS, BATTERY +	1							
6	1	172B03-16160	COVER, BATTERY	1							
7	1	172B03-16170	STAY, RELAY	1							
8	1	172B03-16181	CLAMP, BATTERY	1							
9	1	172B03-16300	STAY ASSY, HARNESS	1							
9-1	1	172B03-16301	STAY ASSY,HARNESS	1							N
(A=*2025.12)											
10	1	172631-16350	ROD, BATTERY CLAMP	2							
11	1	172B03-16440	SUPPORT, HARNESS	1							
12	1	172B03-16501	HARNESS ASSY, ENGINE	1							
12-1	1	172B03-16502	HARNESS ASSY, ENGINE	1							N
(A=*2014.12.)											
14	2	172458-16550	FUSE, SLOW BLOW 50A	1							
15	2	172A65-16550	FUSE, SLOW BLOW 60A	1							
16	2	172447-17150	FUSE, SLOW BLOW 40A	1							
17	2	198153-51700	FUSE, SLOW BLOW 80A	1							
18	2	1E8235-84910	DIODE, 090 31	2							
19	1	194680-51670	BAND, CLIP	4							
20	1	194680-51670	BAND, CLIP	10							
21	1	194202-56460	BAND, BINDING 200	2							
22	1	194202-56460	BAND, BINDING 200	5							
23	1	129927-77920	RELAY, ISO 70A	2							
24	1	22137-100000	WASHER, 10	2							
25	1	22137-100000	WASHER, 10	1							
26	1	22137-100000	WASHER, 10	2							
27	1	22157-060000	WASHER, 6	4							
28	1	22217-060000	WASHER, SPRING 6	1							
29	1	22217-080000	WASHER, SPRING 8	1							
30	1	26013-080162	BOLT, M8X 16	2							
31	1	26013-080162	BOLT, M8X 16	1							
32	1	26013-100202	BOLT, M10X 20	2							
33	1	26013-100202	BOLT, M10X 20	1							
34	1	26013-100202	BOLT, M10X 20	2							
35	1	26013-100202	BOLT, M10X 20	1							
36	1	26716-060002	NUT, M6	1							
37	1	26716-060002	NUT, M6	4							
38	1	26716-080002	NUT, M8	1							
39	1	933171-15801	CORD, ENGINE EARTH	1							
40	1	194202-56460	BAND, BINDING 200	1							W
(A=*2015.01.)											

Fig.16. BATTERY(MINUS CABLE)

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

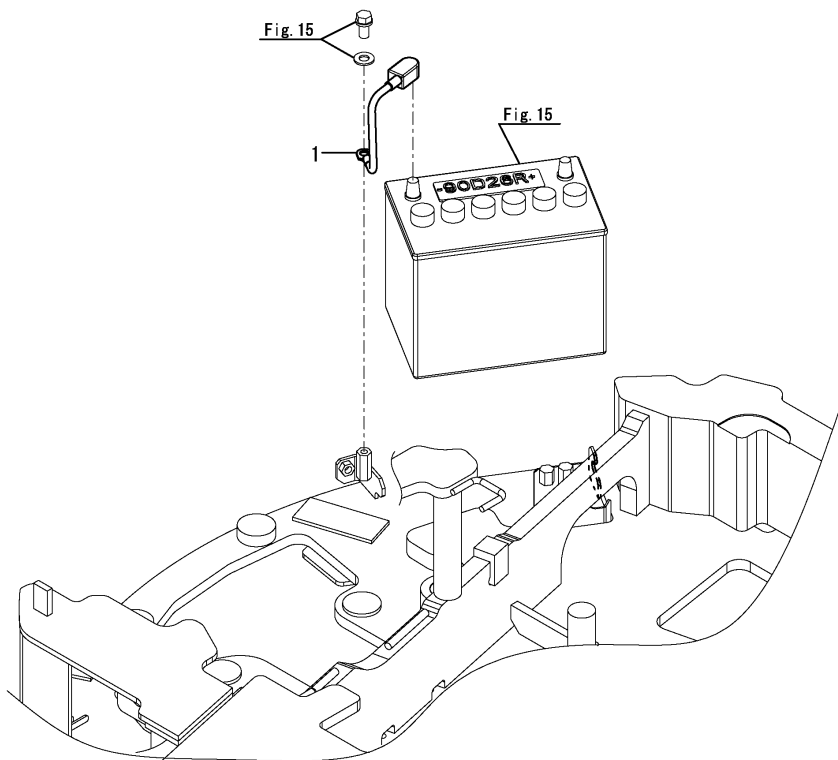
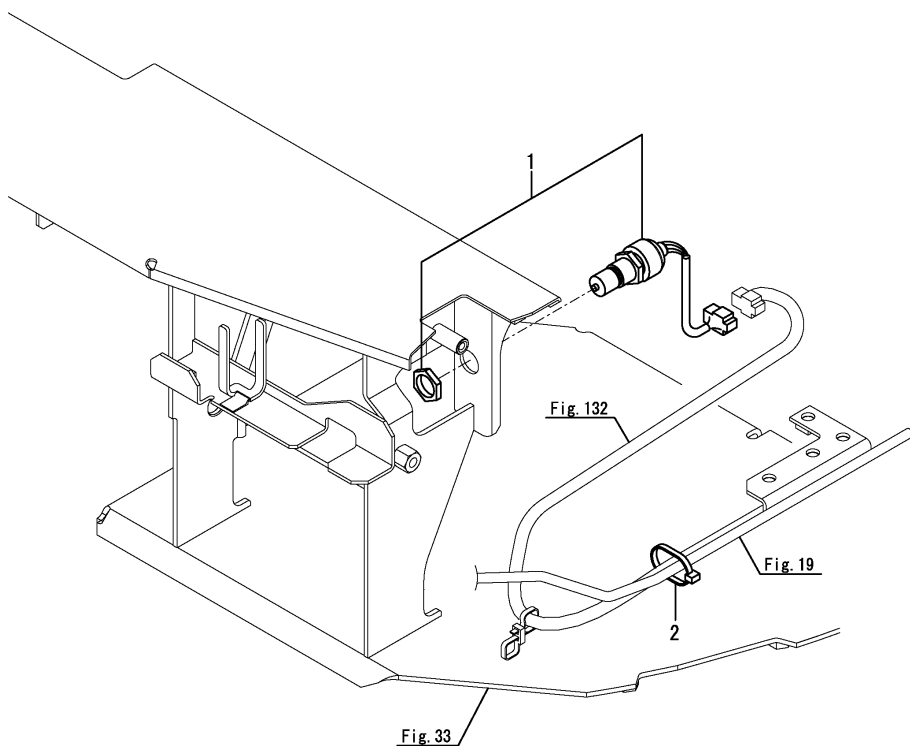
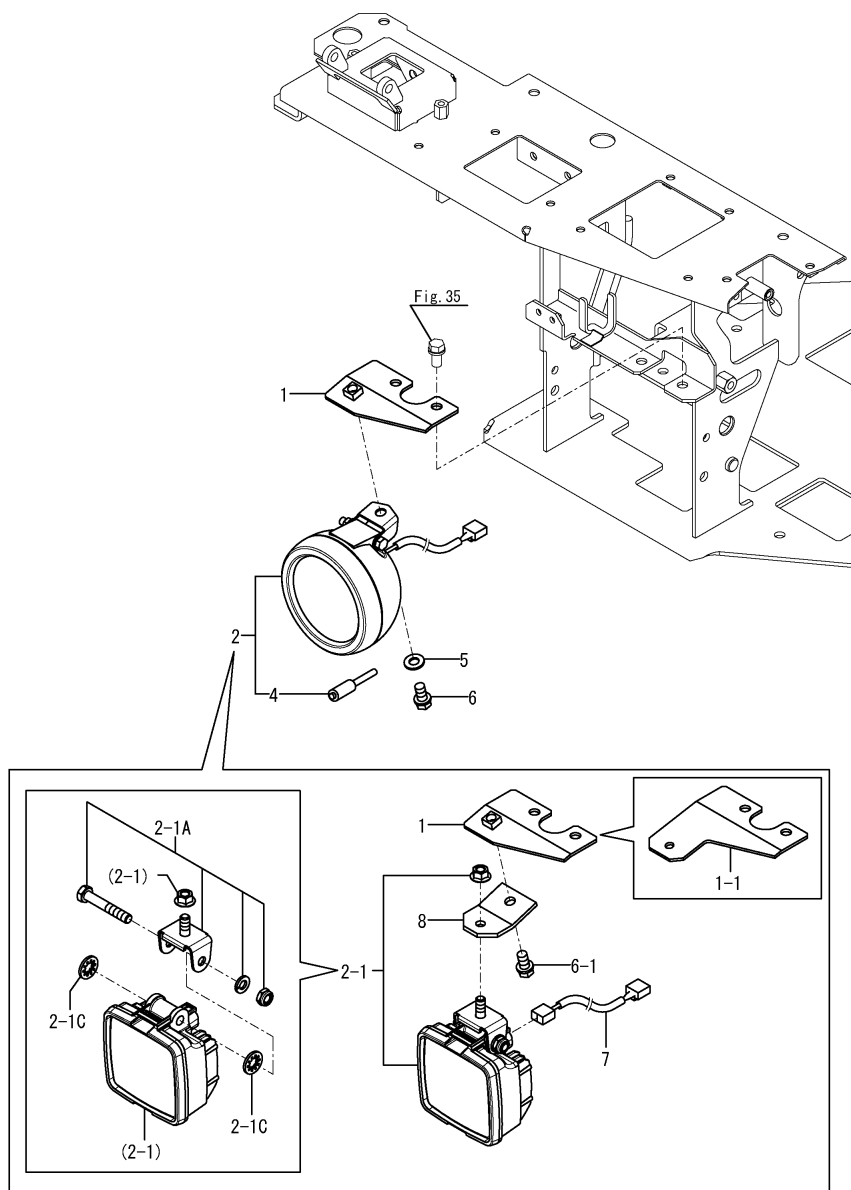
[illegible]

Fig.131. (16A)LOW-HIGH SWITCH(P.T.O. FOOT PEDAL SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4103-18300	SWITCH, PUSH	1							
2	1	194202-56460	BAND, 200	1							

Fig.17. FRONT LAMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B04-17920	STAY ASSY, LAMP	1							
1-1	1	172B04-17931	STAY,LAMP	1							S
(A="2022.05)											
2	1	1A7611-86251	LAMP, WORK 55W	1							
2-1	1	172B57-17351	LAMP ASSY,WORK LED	1							F 1
(A=M6N935)											
2-1A	2	172B57-17360	BRACKET,LED LAMP	1							W
(A=M6N935)											
2-1C	2	172B57-17370	SPACER,LED LAMP	2							W
(A=M6N935)											
4	2	1A7611-86270	BULB, 12V-55W	1							Z
(A=M6N935)											
5	1	22137-100000	WASHER, 10	1							Z
(A=M6N935)											
6	1	26013-100202	BOLT, M10X 20	1							
6-1	1	26014-100252	BOLT, M10X 25	1							S
(A=M6N935)											
6-2	1	26014-100252	BOLT, M10X 25	1							Z
(A="2022.05)											
7	1	172B02-16900	HARNESS,LED LAMP	1							W
(A=M6N935)											
8	1	172B03-68720	STAY,LED LAMP	1							W
(A=M6N935)											
8-1	1	172B03-68720	STAY,LED LAMP	1							Z
(A="2022.05)											

Remarks

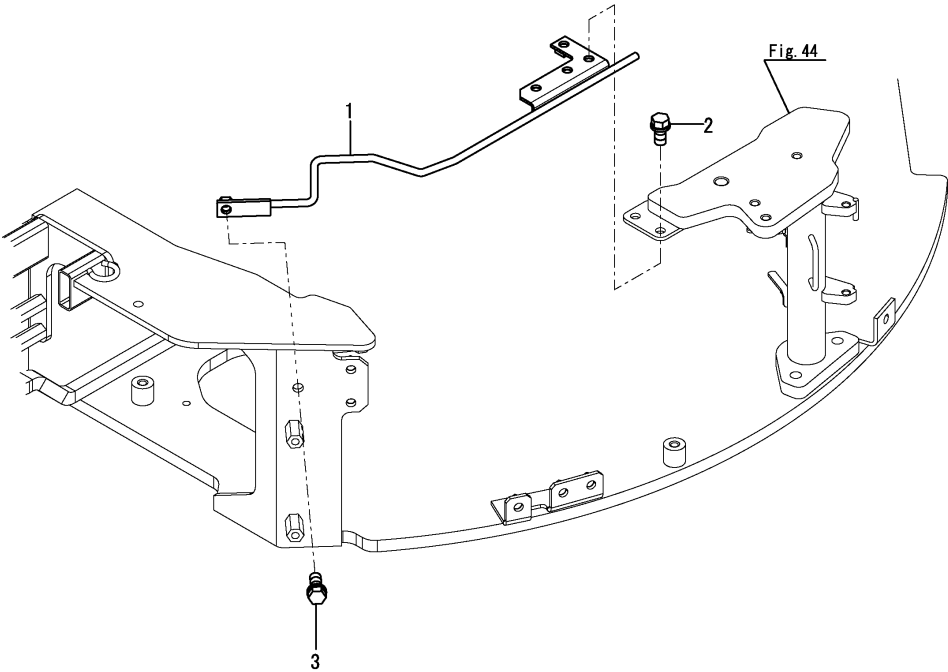
(1) Interchangeable by simultaneous replacement with No.6-1, 7 & 8.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All RightsReserved.

(A)=VIO30-6A P(KR)
(B)=
(C)=

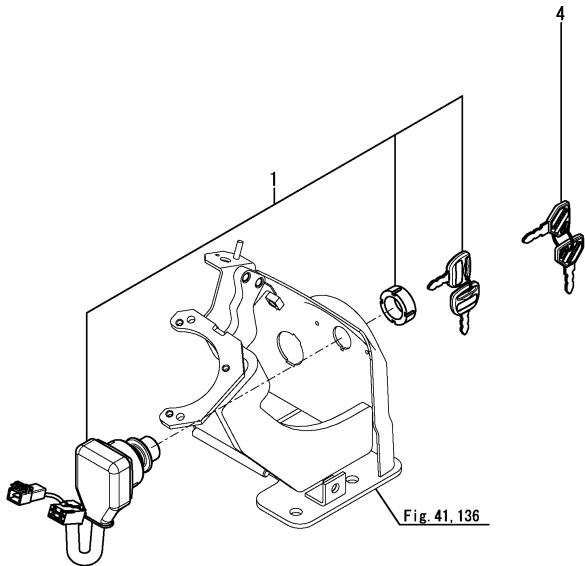
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16950	GUIDE ASSY, HARNESS	1							
2	1	26013-100202	BOLT, M10X 20	2							
3	1	26013-100252	BOLT, M10X 25	1							



(A)=VIO30-6A P(KR)
(B)=
(C)=

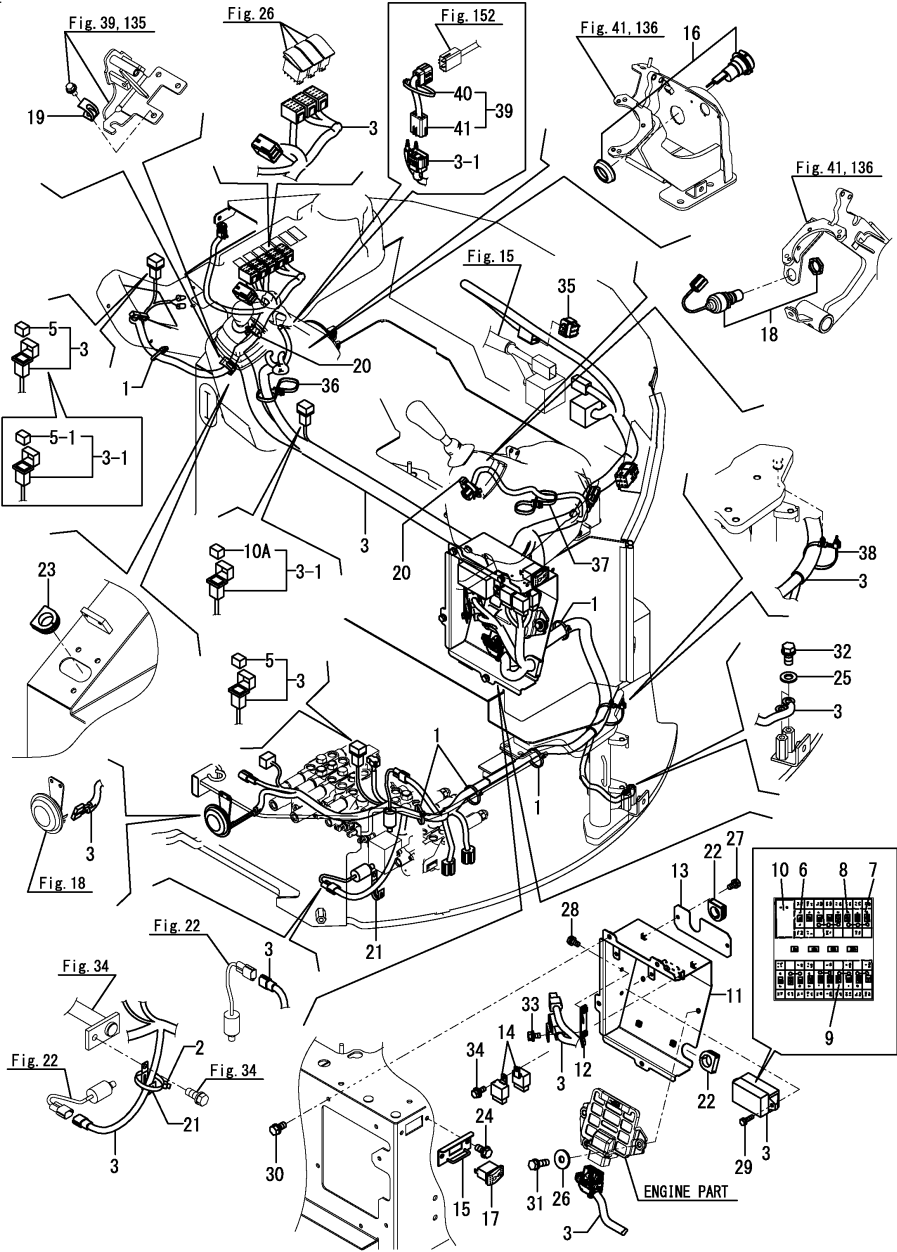
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A7180-52111	SWITCH ASSY, STARTER	1							1
4	1	198360-52160	KEY ASSY	1							2

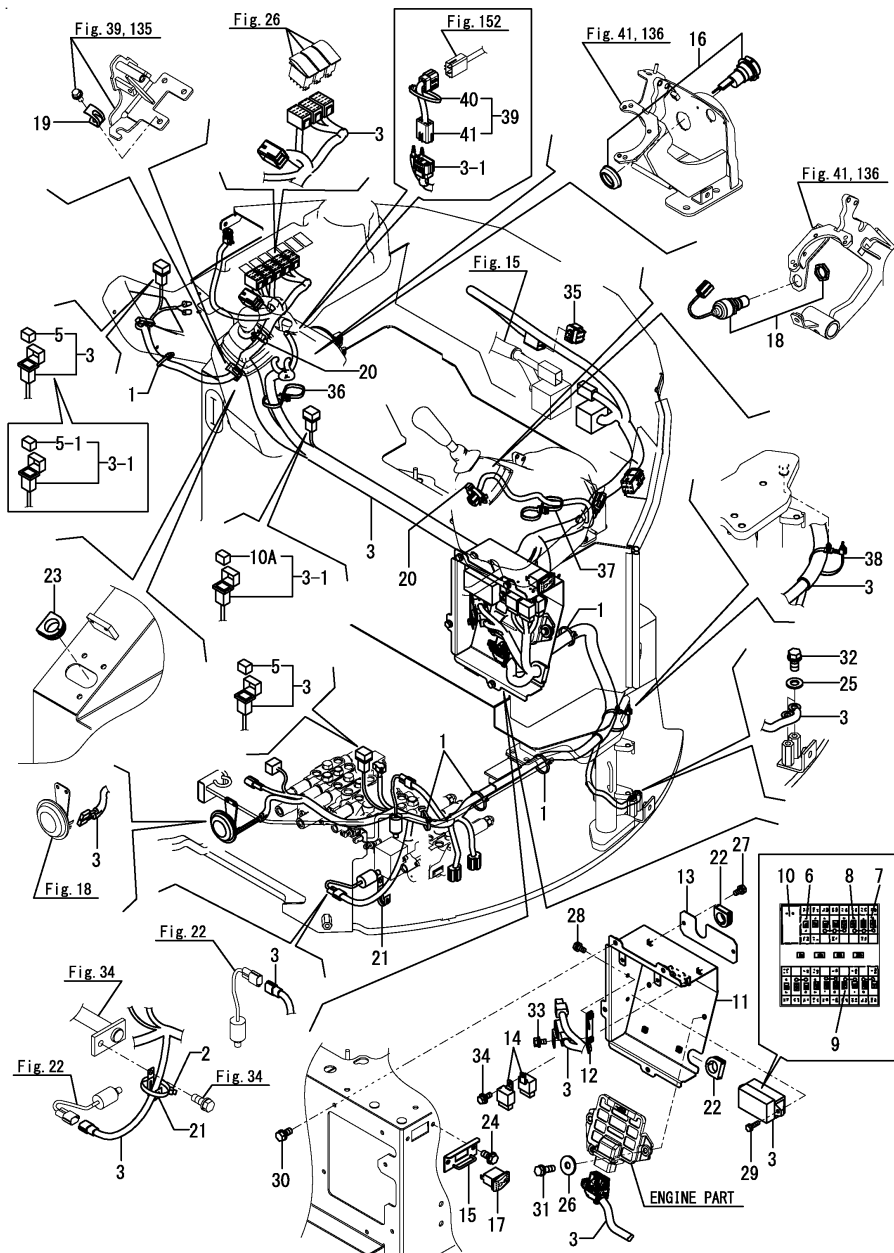
Remarks
(1)For Engine start only.
(2)For bonnet, door.

Fig.21. SEAT MOUNT



Remarks
(1)Spare parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	6							
2	1	172126-11510	BAND, BINDING 300	1							
3	1	172B03-16580	HARNESS ASSY, WIRE	1							
3-1	1	172B03-16581 (A=M60520)	HARNESS ASSY, MOUNT	1							N
3-2	1	172B03-16582 (A=MAF014)	HARNESS ASSY,SEAT EX	1							N
5	2	1A7130-51130	DIODE, 1.5A	2							
5-1	2	1A7130-51130	DIODE, 1.5A	1							K
6	2	198535-52110	FUSE, 5A	9							
7	2	198535-52120	FUSE, 10A	4							
8	2	198535-52130	FUSE, 15A	5							
9	2	198535-52170	FUSE, 30A	4							
10	2	1E9570-83900	PULLER, MINI FUSE	1							
10A	2	1E8235-84910 (A=M60520)	DIODE, 090 31	1							W
11	1	172B03-17000	BOX ASSY, ELECTRIC	1							
12	1	172B03-17051	STAY ASSY, CONNECTOR	1							
13	1	172B03-17110	COVER, FUSE	1							
14	1	172B02-17150	RELAY, CA TYPE C	4							
15	1	172A89-17180	PLATE ASSY, SWITCH	1							
16	1	172A64-17250	SOCKET ASSY	1							
17	1	172A69-17260	SWITCH, ENGINE STOP	1							
18	1	1D4103-18301	SWITCH, PUSH	1							
19	1	194440-51620	CLAMP, B	1							
19-1	1	1A1686-57850	CLAMP, 80	1							N
20	1	194680-51670 (A=M60501)	BAND, CLIP	2							
21	1	1A1686-57850	CLAMP, 80	1							
22	1	172165-62800	GROMMET, 26	2							
23	1	172165-62800	GROMMET, 26	1							
24	1	172519-63240	BOLT, M8X16	2							
25	1	22137-100000	WASHER, 10	2							
26	1	22157-080000	WASHER, 8	2							
27	1	26013-060122	BOLT, M6X 12	2							
28	1	26013-060122	BOLT, M6X 12	2							
29	1	26013-060202	BOLT, M6X 20	2							
30	1	26013-080162	BOLT, M8X 16	4							
31	1	26013-080252	BOLT, M8X 25	2							
32	1	26013-100202	BOLT, M10X 20	2							
33	1	26014-060122	BOLT, M6X 12	1							
34	1	26014-060162	BOLT, M6X 16	2							
35	1	172B03-16880	CONNECTOR, 12P	1							
36	1	172187-78580	BAND, BINDING W 397	1							W
37	1	172187-78580 (A=MAF014)	BAND, BINDING W 397	1							W
38	1	1A8275-51670 (A=MAF014)	CLIP, M8 HOLE	1							W
39	1	172B04-08790	PTO KIT,HOLD REPAIR	1							Z 1

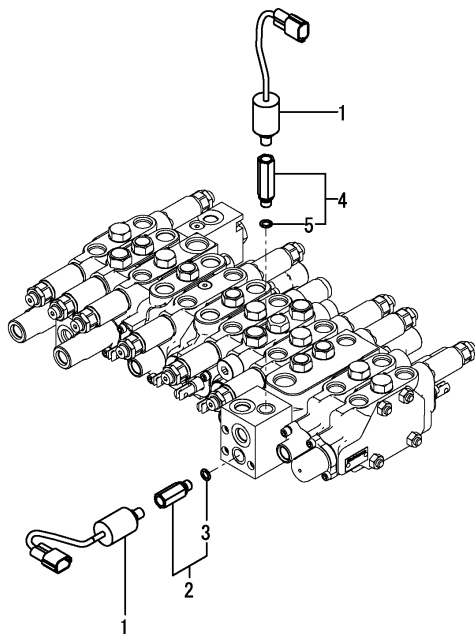


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=MAF014)									
40	2	172126-11510	BAND, BINDING 300	1							
41	2	172B04-16800	HARNESS.PTO	1							

Remarks
(1) Spare parts.

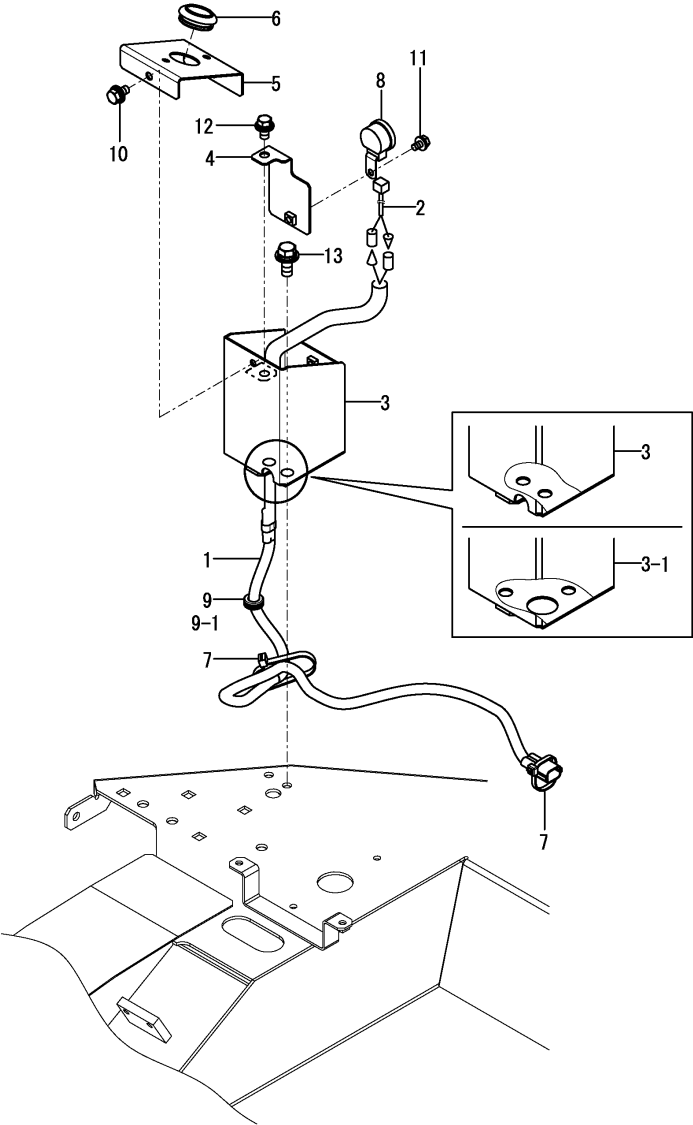
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All RightsReserved.

Fig.22. PRESSURE SWITCH

[illegible]

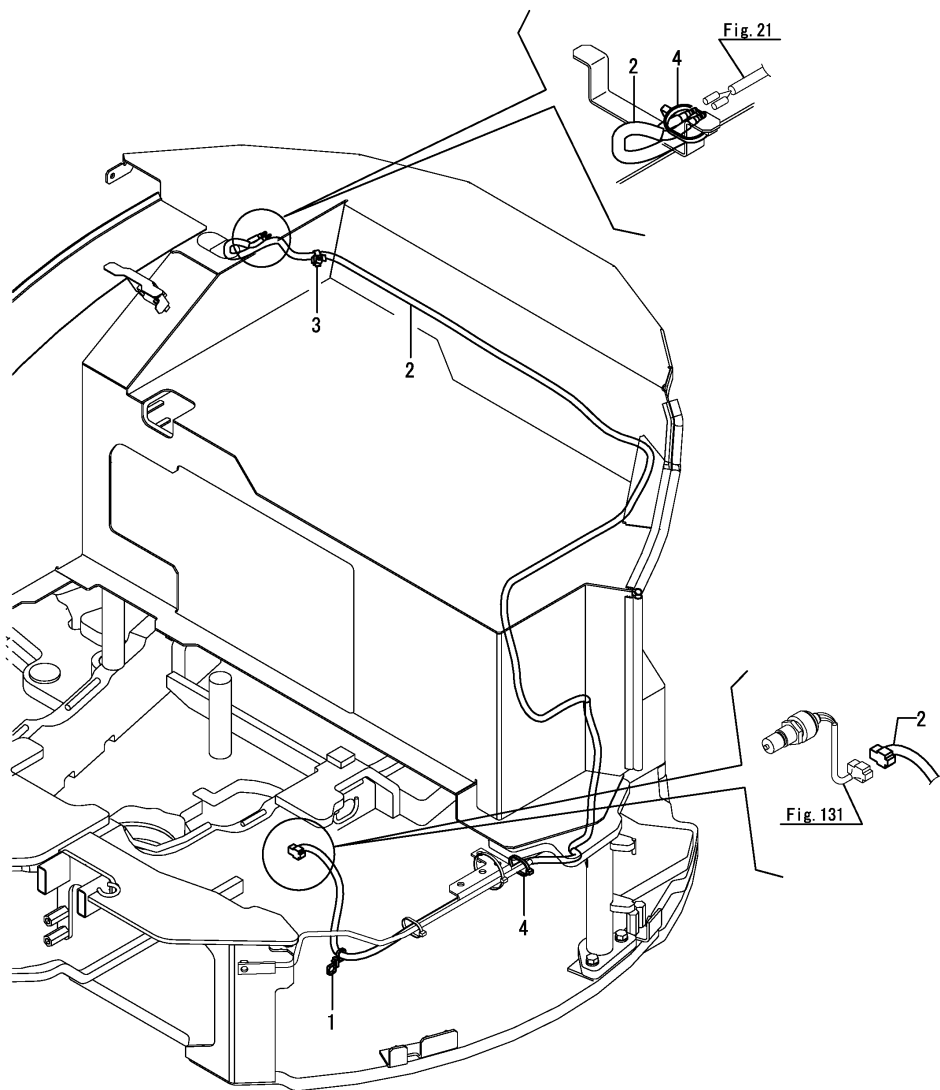
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16560	HARNESS, BUZZER	1							
2	1	172B03-16570	HARNESS, BUZZER	1							
3	1	172B03-16740	BRACKET ASSY, BUZZER	1							
3-1	1	172B03-16741	BRACKET ASSY, BUZZUR	1							S
(A=*2022.02)											
4	1	172B03-16760	BRACKET ASSY	1							
4-1	1	172B03-16761	BRACKET ASSY	1							N
(A=*2022.02)											
5	1	172B03-16890	PLATE, TRAVEL BUZZER	1							
6	1	172456-53700	GROMMET, 30	1							
7	1	194202-56460	BAND, BINDING 200	2							
8	1	198071-57110	BUZZER, BACK	1							
9	1	172162-61850	GROMMET	1							
9-1	1	172B16-17170	GROMMET, 20X30X3	1							S
(A=*2022.02)											
10	1	26014-060122	BOLT, M6X 12	2							
11	1	26014-060162	BOLT, M6X 16	1							
12	1	26014-080162	BOLT, M8X 16	1							
13	1	26014-080202	BOLT, M8X 20	2							

Fig.132. (23A)LOW-HIGH HARNESS(P.T.O. FOOT PEDAL SPEC.)



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

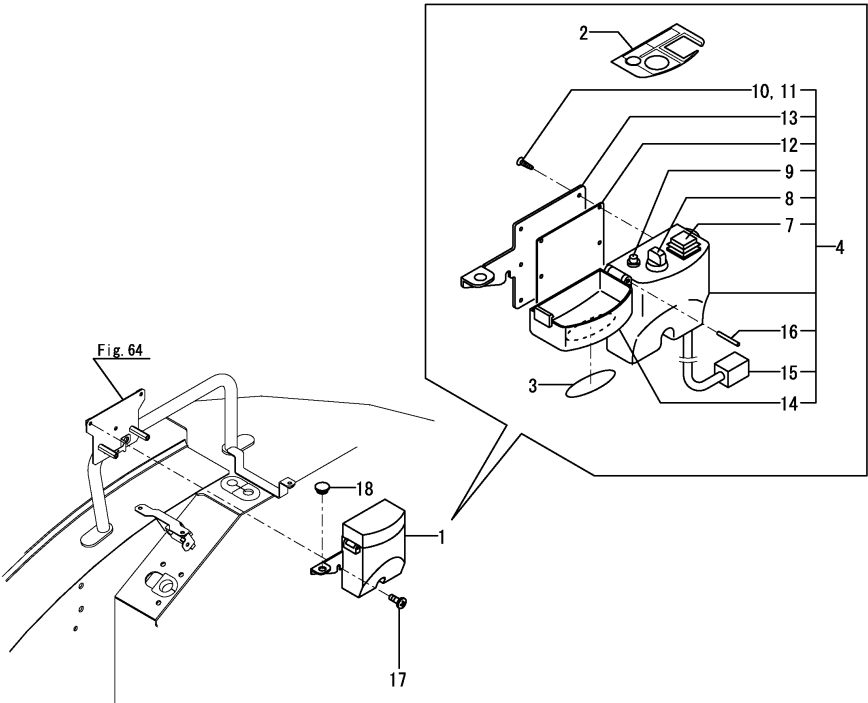
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND, BINDING W	1							
2	1	172B03-16670	HARNESS, TRAVEL 2ND	1							
3	1	194680-51670	BAND, CLIP	1							
4	1	194202-56460	BAND, BINDING 200	1							

Fig.24. QUICK COUPLER(SWITCH BOX)

(A)=VIO30-6A P(KR)
(B)=
(C)=

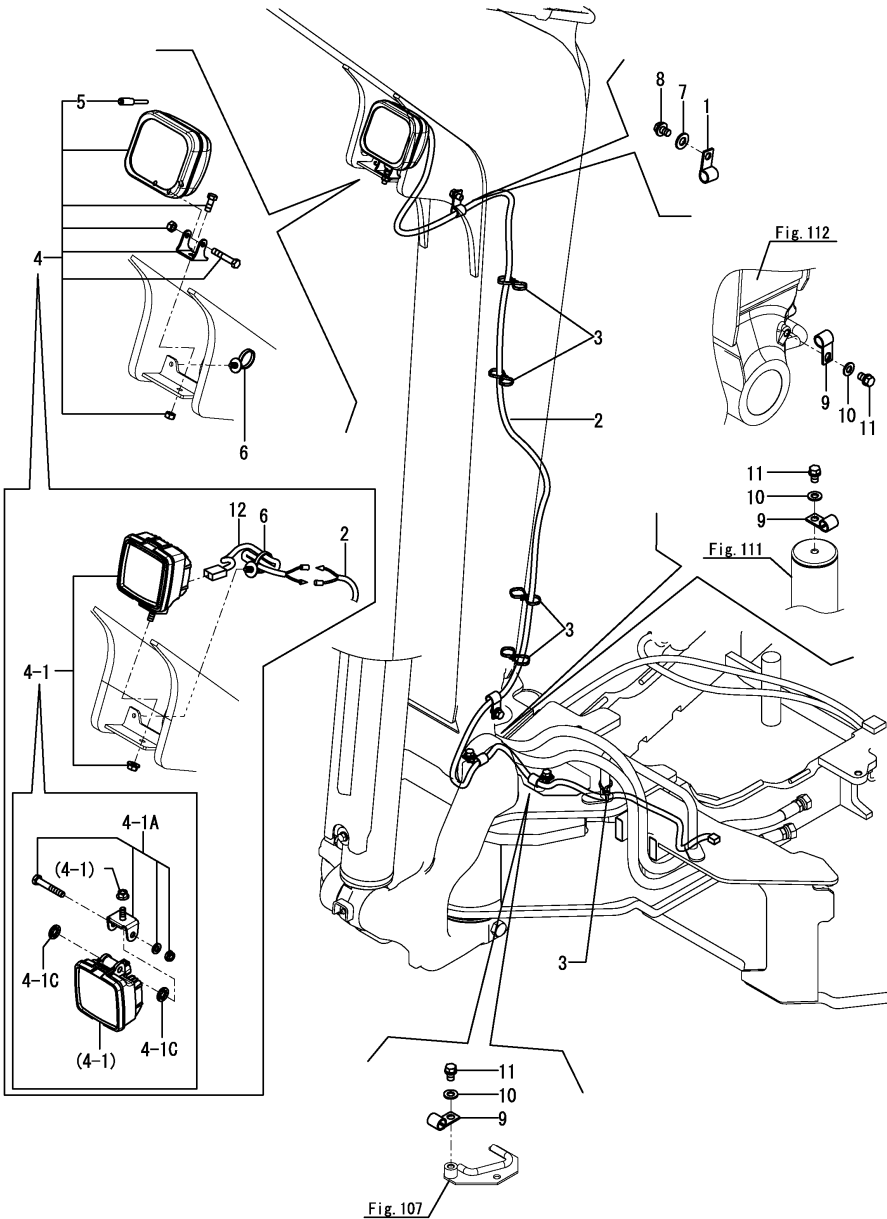
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17111	BOX,SWITCH EX	1							1
1-1	1	172958-17410	BOX,SWITCH EX D	1						S	2
(A=MAF001)											
2	2	172472-03290	LABEL, SWITCH	1							
3	2	172472-03300	LABEL, COVER	1							
4	2	172958-17102	BOX,SWITCH	1							1
4-1	2	172958-17400	BOX,SWITCH D	1						S	2
(A=MAF001)											
7	3	172958-17140	SWITCH ASSY	1							
8	3	172958-17150	SWITCH ASSY	1							
9	3	172958-17160	LAMP, INDICATOR	1							
10	3	172958-17170	SCREW, TAPPING	6							
11	3	172958-17180	SCREW, TAPPING	2							
12	3	172958-17190	PACKING	1							
13	3	172958-17200	BRACKET	1							
14	3	172958-17210	CASE	1							1
14-1	3	172958-17230	CASE,UPPER	1						S	2
(A=MAF001)											
15	3	172958-17220	CORD	1							
16	3	22351-030028	PIN, SPRING 3.0X28	1							
17	1	172137-46210	SCREW	3							
18	1	172187-64900	PLUG	1							



Remarks
(1)Color = DARK OLIVE GRAY.
(2)Color = PANTONE 425C.

Fig.25. WORK LAMP

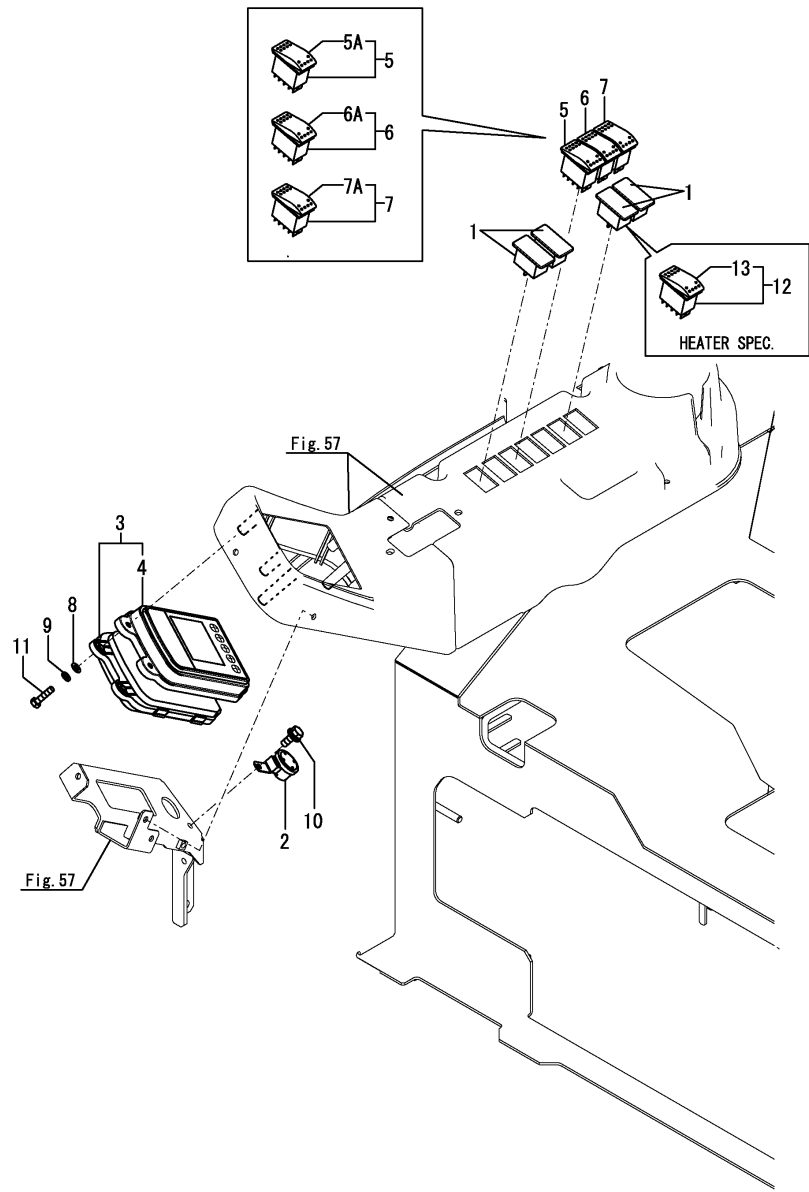


(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16130	CLAMP, WRC15-11	1							
2	1	172B03-16550	HARNESS, WORK LAMP	1							
3	1	172137-16560	BAND, BINDING W	5							
4	1	172B03-17460	LAMP ASSY, WORK	1							
4-1	1	172B57-17351	LAMP ASSY,WORK LED	1						F	1
(A=M6N935)											
4-1A	2	172B57-17360	BRACKET,LED LAMP	1							W
(A=M6N935)											
4-1C	2	172B57-17370	SPACER,LED LAMP	2							W
(A=M6N935)											
5	2	172B03-17470	BULB, 12V 55W	1							Z
(A=M6N935)											
6	1	1E8915-84120	CLAMP, BAND C	1							
7	1	22137-100000	WASHER, 10	1							
8	1	26013-100162	BOLT, M10X 16	1							
9	1	172B03-16130	CLAMP, WRC15-11	3							
10	1	22137-100000	WASHER, 10	3							
11	1	26013-100162	BOLT, M10X 16	3							
12	1	172B57-16600	HARNESS, CABIN LED	1							W
(A=M6N935)											

Remarks
(1)Interchangeable by simultaneous replacement with No.12.



(A)=VIO30-6A P(KR)
(B)=
(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	4							
1-1	1	172538-17100	PLUG, PANEL	3							K
(A=MAF008)											
2	1	172141-17150	BUZZER	1							
3	1	172B03-17255	MONITOR ASSY	1							
3-1	1	172B03-17256	MONITOR ASSY	1							N
(A=M60520)											
3-2	1	172B03-17257	MONITOR ASSY	1							N
(A=M60534)											
3-3	1	172B03-17259	MONITOR ASSY	1							N
(A=*2018.10.)											
3-4	1	172B03-15000	MONITOR ASSY	1							N
(A=*2023.01.)											
3-5	1	172B03-15001	MONITOR ASSY	1							N
(A=*2025.01)											
4	2	172B03-17261	MONITOR ASSY, UPPER	1							
4-1	2	172B03-17262	MONITOR ASSY,UPPER	1							N
(A=*2023.01.)											
5	1	172B03-17301	SWITCH, LIGHT	1							
5A	2	172B03-17350	COVER, SWITCH LIGHT	1							
6	1	172B03-17310	SWITCH, ECO	1							
6A	2	172B03-17360	COVER, SWITCH ECO	1							
7	1	172B03-17320	SWITCH, AUTO DECEL	1							
7A	2	172B03-17370	COVER, SWITCH	1							
8	1	22137-050000	WASHER, 5	4							Z
(A=MAF014)											
9	1	22217-050000	WASHER, SPRING 5	4							Z
(A=MAF014)											
10	1	26014-060162	BOLT, M6X 16	1							
11	1	26116-050202	BOLT, M5X 20 PLATED	4							
11-1	1	172B03-17290	BOLT, PW SW 5X20	4							N
(A=MAF014)											
12	1	172B03-17341	SWITCH, HEATER	1							W
(A=MAF008)											
13	2	172B03-17390	COVER,SWITCH HEATER	1							

(A)=VIO30-6A P(KR)
(B)=
(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							
1-1	1	1E8490-84130	CLAMP, BAND	1						N	
(A=*2017.04)											
2	1	172B04-13040	CLIP, TREE	1						Z	
(A=*2017.04)											
3	1	172137-16560	BAND	2							
4	1	172B03-16680	HARNESS,HEATER P	1							
5	1	172B03-17341	SWITCH,HEATER	1						Z	
(A=*2017.04)											
6	1	172458-17551	HEATER	1							
7	1	172126-11510	BAND	1							
8	1	172126-11510	BAND	1							
9	1	172B02-17150	RELAY,CA C TYPE	1							
10	1	172126-11510	BAND	1							
11	1	172126-11510	BAND	1							
12	1	1E8490-84130	CLAMP, BAND	1							

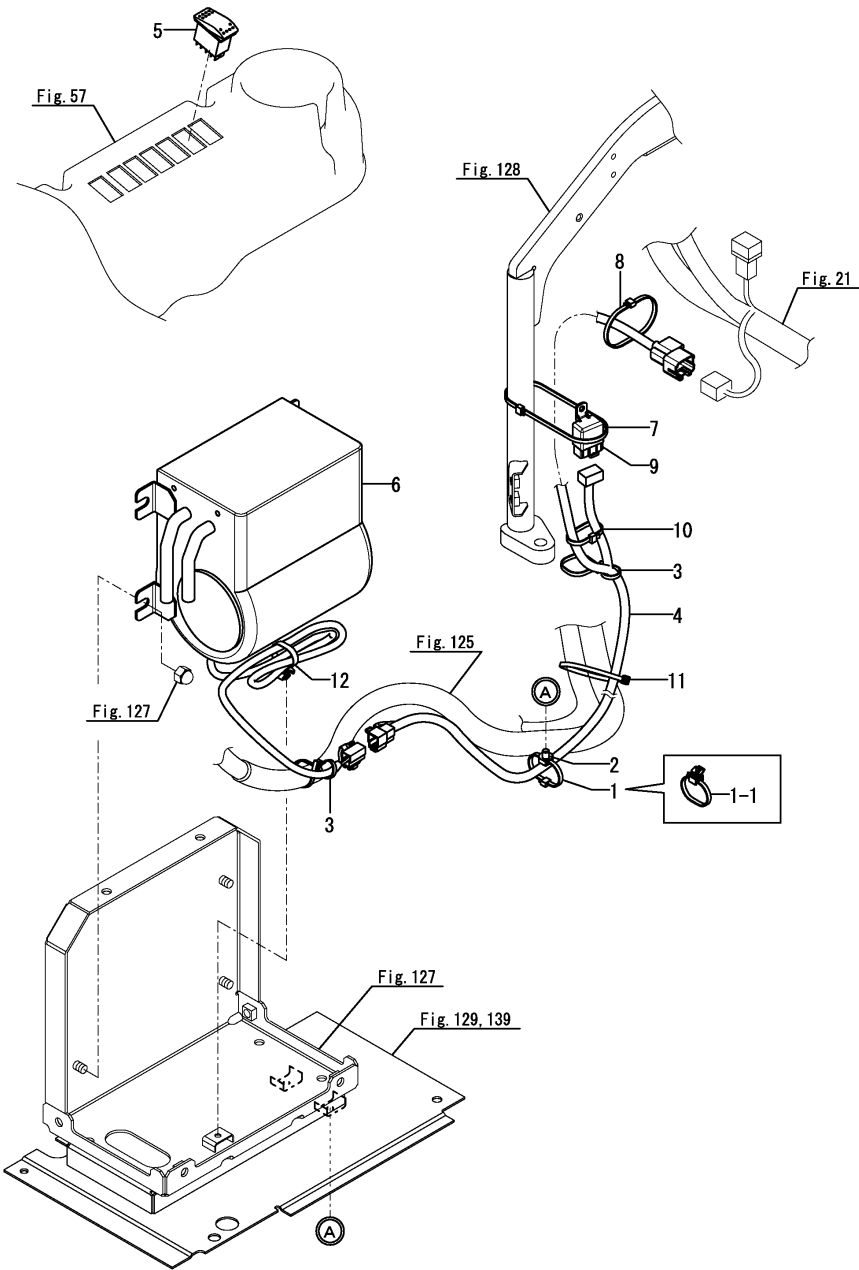
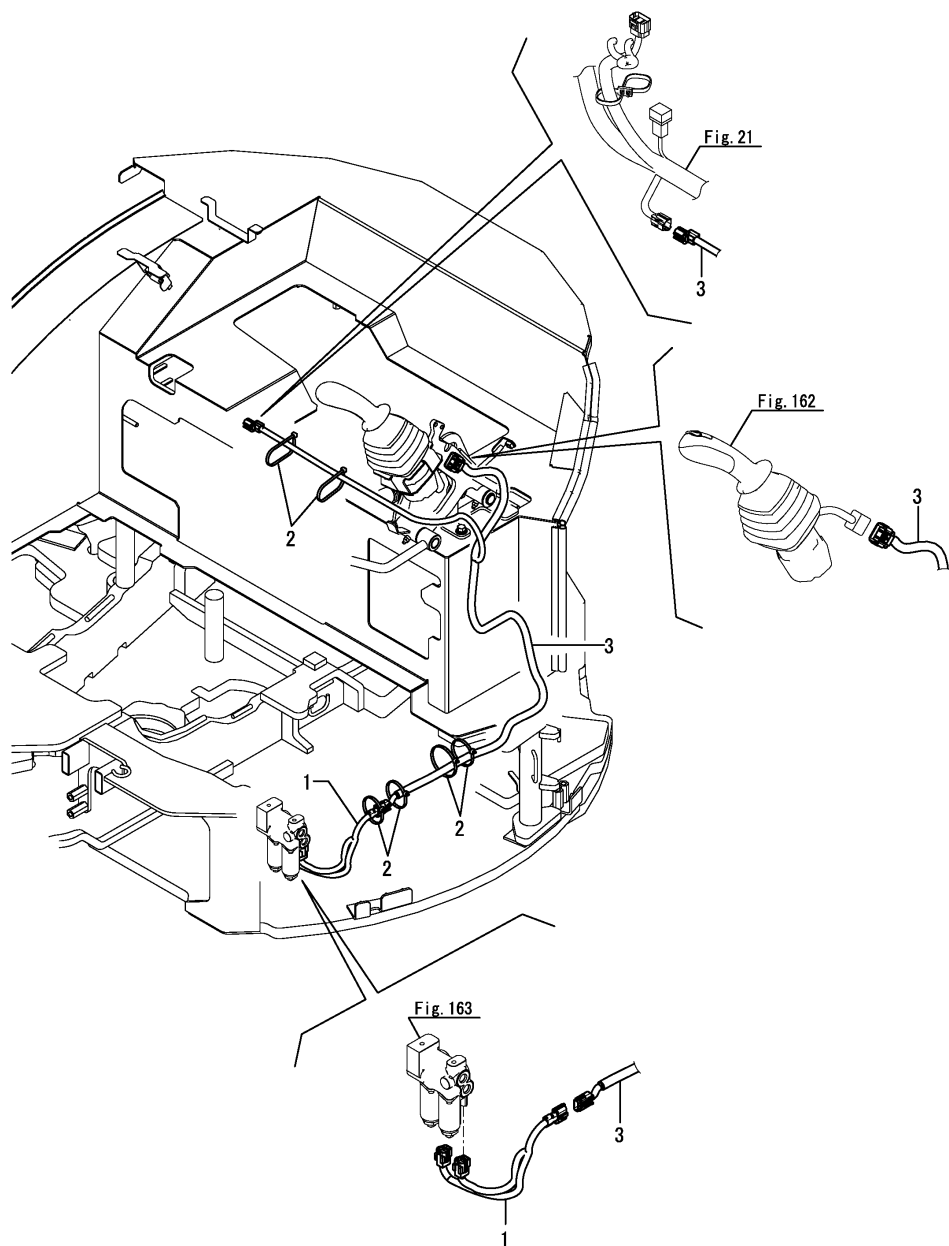
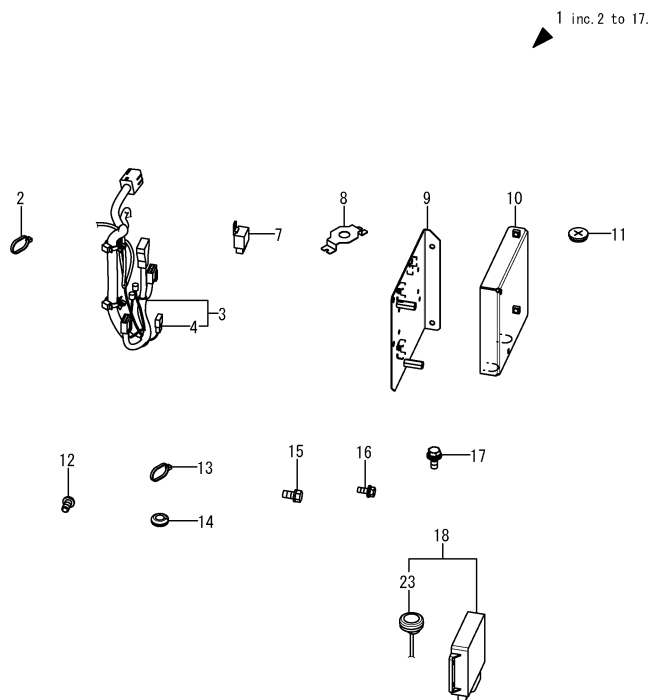


Fig.153. (26B)P.T.O.2(P.T.O.2 SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B05-16610	HARNESS, PTO	1							
2	1	172126-11510	BAND, BINDING 300	6							
3	1	172B04-16781	HARNESS.PTO2	1							

Fig.180. (26C)GPS(1.5G)



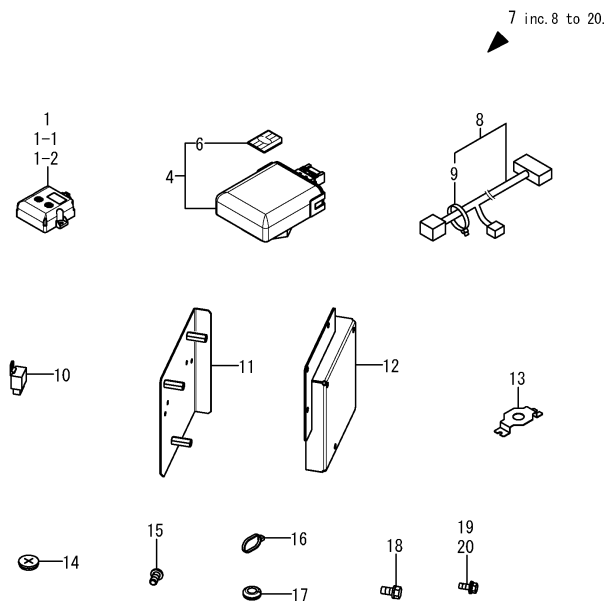
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16010	PARTS ASSY, GPS	1							
2	2	172126-11510	BAND, BINDING 300	1							
3	2	172B03-16620	HARNESS ASSY, GPS	1							
4	3	172648-16600	DIODE, 1.5-2P	1							
7	2	172B02-17150	RELAY, CA TYPE C	2							
8	2	172B03-17650	PLATE, ANTENNA	1							
9	2	172B03-17831	BRACKET ASSY, GPS	1							
10	2	172B03-17851	COVER ASSY, GPS	1							
11	2	1A6260-27270	GROMMET, 35	1							
12	2	172186-45840	BOLT, BUTTON 8X16	4							
13	2	194202-56460	BAND, BINDING 200	2							
14	2	172137-62970	GROMMET, 16	2							
15	2	26013-080162	BOLT, M8X 16	3							
16	2	26014-060162	BOLT, M6X 16	6							
17	2	26014-060162	BOLT, M6X 16	2							
18	1	1RF001-93550	SA-R KIT,3G	1							1
18-1	1	1RF001-93551	SA-R KIT,3G	1							R 1
(A=MAF001)											
18-2	1	1RF001-93552	SA-R KIT,3G	1							R 1
(A=MAF003)											
18-3	1	1RF001-93553	SA-R KIT,3G	1							R 1
(A=MAF012)											
18-4	1	1RF001-93554	SA-R KIT,3G	1							N 1
(A=*2019.10)											
18-5	1	1RF001-93555	SA-R KIT,3G	1							N 1
(A=*2020.01)											
18-6	1	1RF001-93556	SA-R KIT,3G	1							N 1
(A=*2022.02)											
23	2	1RF001-93010	ANTENNA, MOBILE	1							

* Changing from GPS(1.5G) to GPS(2.0G) is interchangeable by simultaneous replacement with Fig.180 No.1 to 6, 8, 9, 11 & 12.

Note : Carrier registration is required when replacing this part.

Note : Registration is required when replacing this part.

* For more information, contact the service department of the dealer you purchased from.



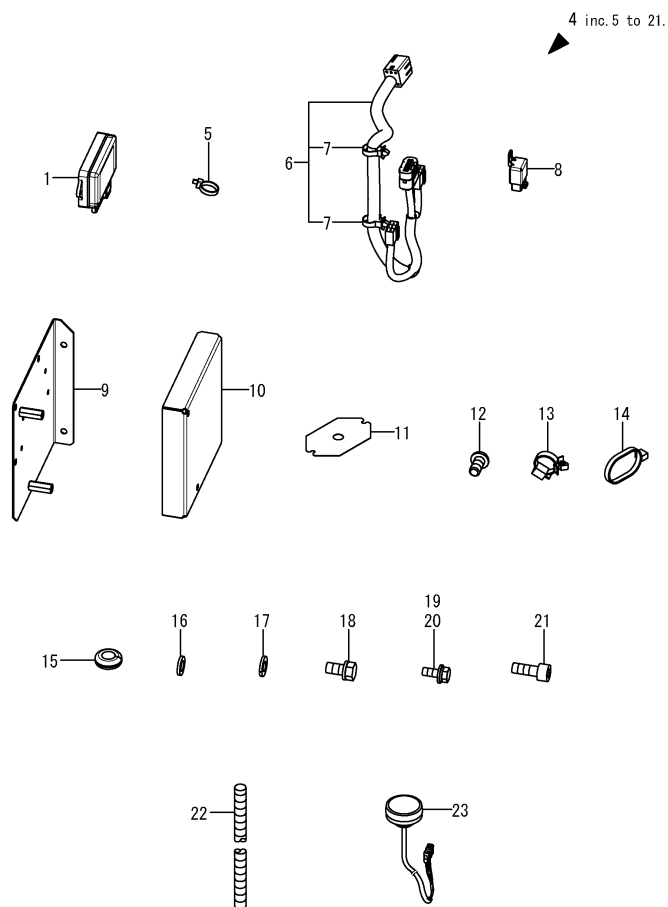
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00222	CONTROLLER,SA-R BATT	1							1
1-1	1	1RF001-00212	CONTROLLER,SA-R	1						S	1
(A=*2020.02)											
1-2	1	1RF001-00223	CONTROLLER,SA-R BATT	1						S	1
(A=*2020.03)											
1-3	1	1RF001-00224	CONTROLLER,SA-R BATT	1						N	1
(A=*2020.12)											
1-4	1	1RF001-00225	CONTROLLER,SA-R BATT	1						N	1
(A=*2021.11)											
1-5	1	1RF001-00226	CONTROLLER,SA-R BATT	1						N	1
(A=*2022.05)											
4	1	1RF001-00311	CONTROLLER,SA-R 3G	1							1
4-1	1	1RF001-00312	CONTROLLER,SA-R 3G	1						N	1
(A=*2020.07)											
4-2	1	1RF001-00313	CONTROLLER,SA-R 3G	1						N	1
(A=*2021.11)											
4-3	1	1RF001-00314	CONTROLLER,SA-R 3G	1						N	1
(A=*2022.09)											
6	2	1RF001-93410	MICROSIM,DOCOMO	1							
7	1	172B03-16020	PARTS ASSY, GPS 2G	1							
8	2	172B03-16540	HARNESS ASSY,REMOT2G	1							
8-1	2	172B03-16541	HARNESS ASSY,REMOTE2	1							R
(A=*2021.07)											
9	3	1E8490-84130	CLAMP, BAND	2							
10	2	172B02-17150	RELAY, CA TYPE C	2							
11	2	172B02-17600	COVER ASSY, CONTROL	1							
12	2	172B02-17630	COVER ASSY,GPS 2G	1							
13	2	172B03-17650	PLATE, ANTENNA	1							
14	2	1A6260-27270	GROMMET, 35	1							
15	2	172186-45840	BOLT, BUTTON 8X16	3							
16	2	194202-56460	BAND, BINDING 200	2							
17	2	172137-62970	GROMMET, 16	2							
18	2	26013-080162	BOLT, M8X 16	3							
19	2	26014-060162	BOLT, M6X 16	4							
20	2	26014-060162	BOLT, M6X 16	2							

Remarks
(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.178. (26E)GPS(3.0G)



No.	Lev.	Parts No.	Description	(A)=VIO30-6A P(KR)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00600	CONTROLLER,SA-R3IBGL	1							1
1-1	1	1RF001-00601	CONTROLLER,SA-R3IBGL	1						N	1
		(A)="2023.01)									
1-2	1	1RF001-00650	CONTROLLER,SA-R3IBKR	1						N	1
		(A)="2023.01)									
4	1	172B03-16030	PARTS ASSY, GPS3	1							
5	2	172126-11510	BAND, BINDING 300	1							
6	2	172B03-16490	HARNESS ASSY,REMOTE3	1							
7	3	1E8490-84130	CLAMP, BAND	2							
8	2	172B02-17150	RELAY, CA TYPE C	2							
9	2	172B02-17680	BRACKET ASSY,GPS3	1							
10	2	172B03-17851	COVER ASSY, GPS	1							
11	2	172B03-17970	PLATE, ANTENNA3	1							
12	2	172186-45840	BOLT, BUTTON 8X16	4							
13	2	194680-51670	BAND, CLIP	2							
14	2	194202-56460	BAND, BINDING 200	2							
15	2	172137-62970	GROMMET, 16	2							
16	2	22117-060000	WASHER, 6	2							
17	2	22217-060000	WASHER, SPRING 6	2							
18	2	26013-080162	BOLT, M8X 16	3							
19	2	26014-060162	BOLT, M6X 16	2							
20	2	26014-060162	BOLT, M6X 16	2							
21	2	26450-060162	BOLT, M6X 16	2							
22	1	172B11-16540	TUBE, PROTECTOR 7	1							
23	1	1RF001-93600	ANTENNA,SA-R3	1							

Remarks

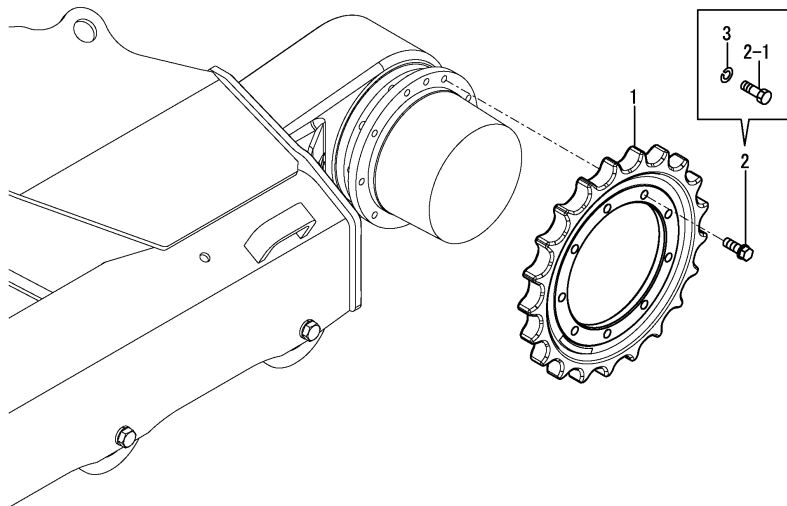
(1) To install proper information, go to an authorized distributor.

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.

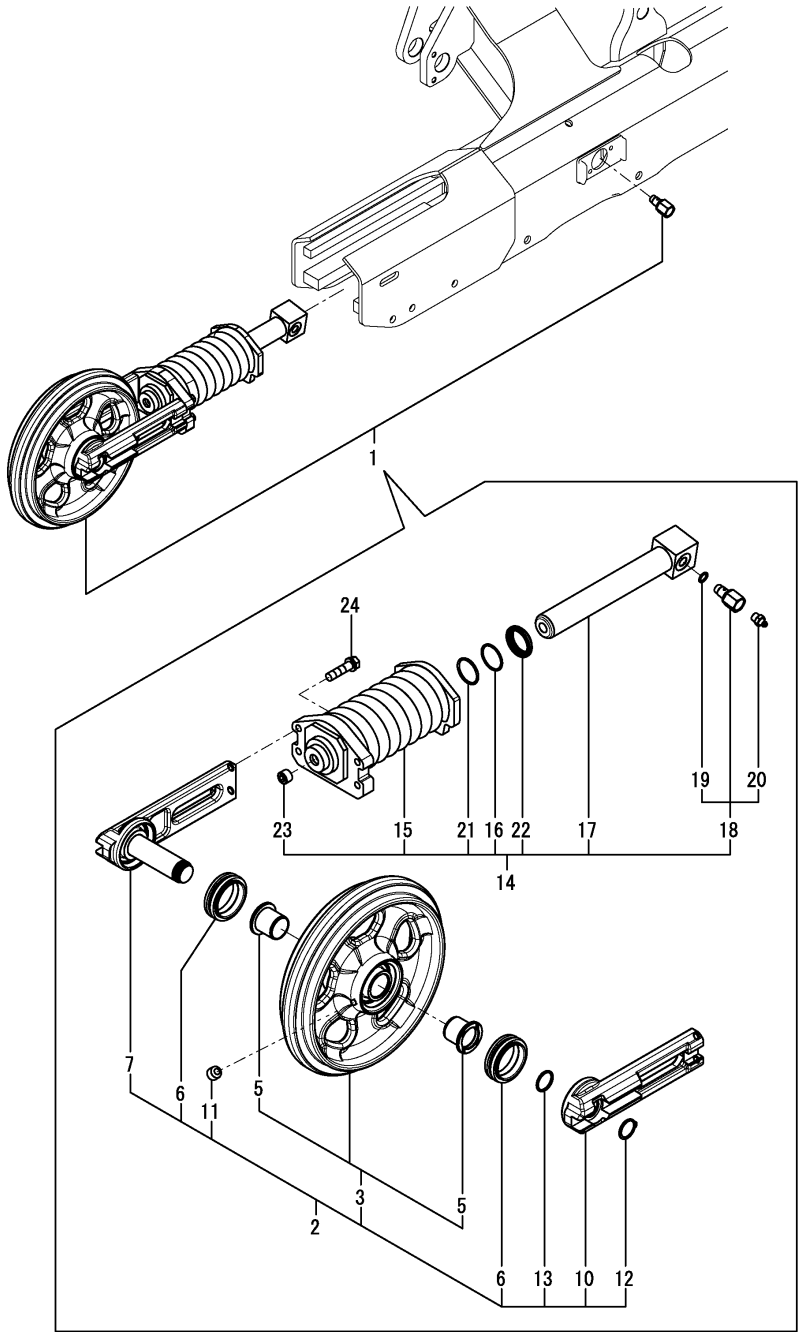


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-29112	SPROCKET	2							
2	1	26013-120352	BOLT, SPRING M12X 35	18							
2-1	1	172B03-36350	BOLT, 10.9 M12X35	18						S	1
3	1	22217-120000	WASHER, SPRING 12	18						W	

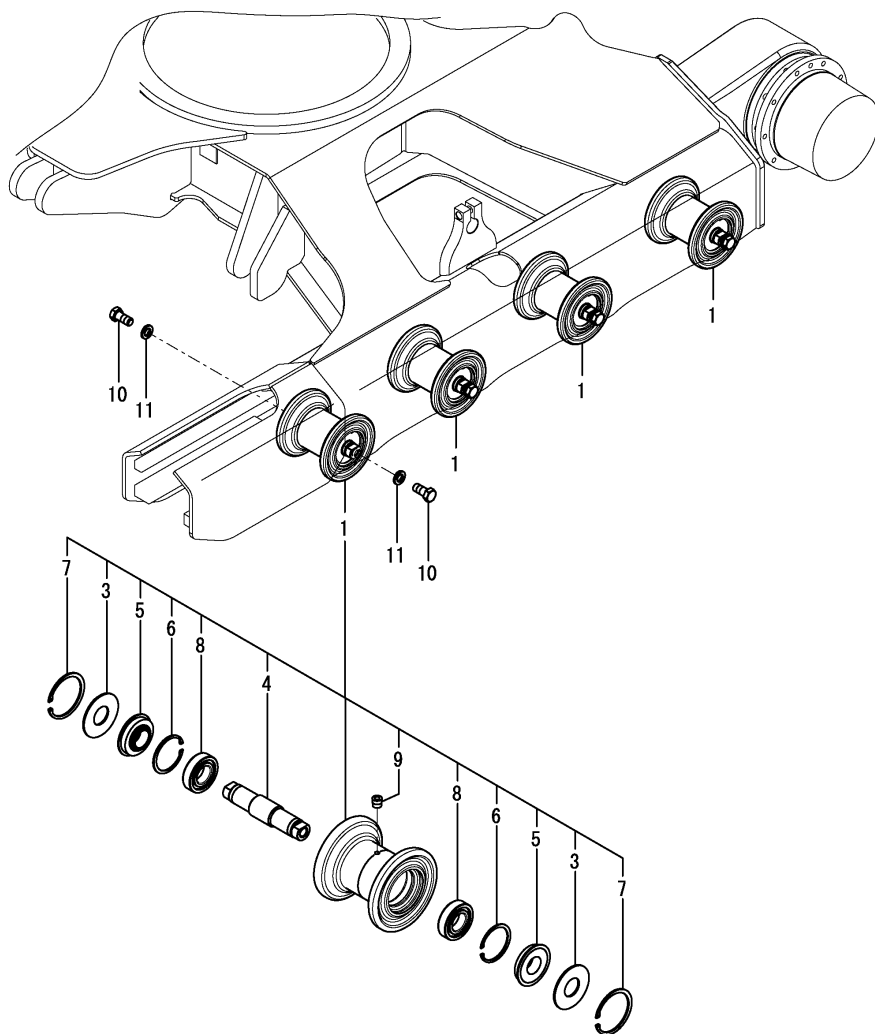
(1) Interchangeable by simultaneous replacement with No.3.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

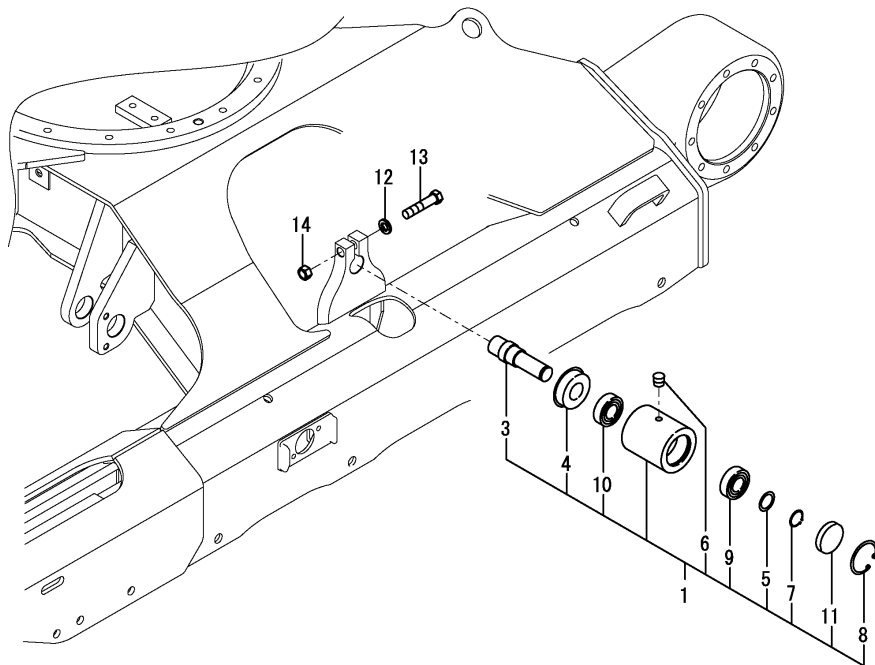
Fig.28. IDLER & ADJUST



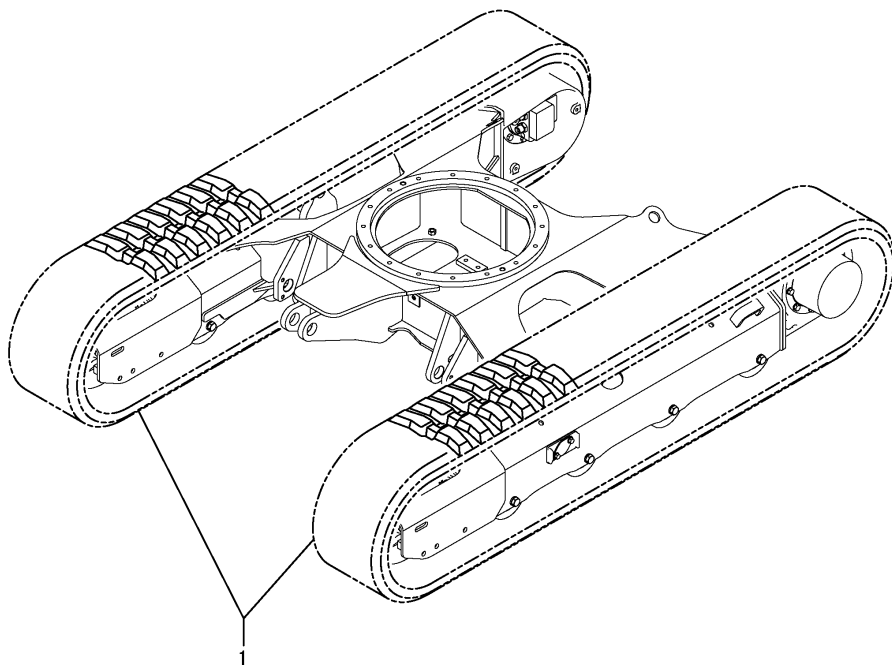
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-37100	IDLER ASSY, ADJUST	2							
1-1	1	172B03-37150	IDLER ASSY, ADJUST R	2						N	
(A=*2022.03)											
2	2	172B03-37110	IDLER ASSY, RUBBER	2							
2-1	2	172B03-37170	IDLER ASSY, RUBBER	2						N	
(A=*2022.03)											
3	3	172458-37102	IDLER ASSY, 295	2							
3-1	3	172458-37200	IDLER ASSY, 295	2						N	
(A=*2022.03)											
5	4	172A77-37370	BUSH	4							
6	3	172458-37120	SEAL, FLOATING	4							
7	3	172458-37131	SHAFT ASSY, IDLER	2							
10	3	172458-37151	COVER, CYLINDER B	2							
11	3	194630-42120	PLUG, SCREW PT1/8	2							
12	3	22242-000300	RING, 30	2							
13	3	24321-000300	O-RING, 1AG30.0	2							
14	2	172B03-37700	ADJUSTER ASSY	2							
15	3	172458-37700	SPRING ASSY, CRAWLER	2							
16	3	172460-37750	RING, BACK UP 40	2							
17	3	172B03-37780	PISTON ASSY, ADJUST	2							
18	3	172B03-37840	VALVE ASSY, NIPPLE	2							
19	4	172B03-37850	SEAL, SQUARE	2							
20	4	24761-020000	NIPPLE, GREASE PT1/8	2							
21	3	24325-000400	O-RING, 1BG40.0	2							
22	3	933111-23600	SEAL, OIL DKB4052710	2							
23	3	933171-13691	PLUG, PT1/8	2							
24	2	26013-100402	BOLT, M10X 40	8							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-37300	ROLLER ASSY, LOWER	8							
3	2	172141-37320	SPACER, 75X2.6	16							
4	2	172B03-37320	SHAFT	8							
5	2	1A1030-48250	SEAL, QLF30621218	16							
6	2	22252-000620	RING, 62	16							
7	2	22252-000750	RING, 75	16							
8	2	24101-062064	BEARING, BALL 6206	16							
9	2	933171-13691	PLUG, PT1/8	8							
10	1	172490-37320	BOLT, M16X35	16							
11	1	22217-160000	WASHER, SPRING 16	16							

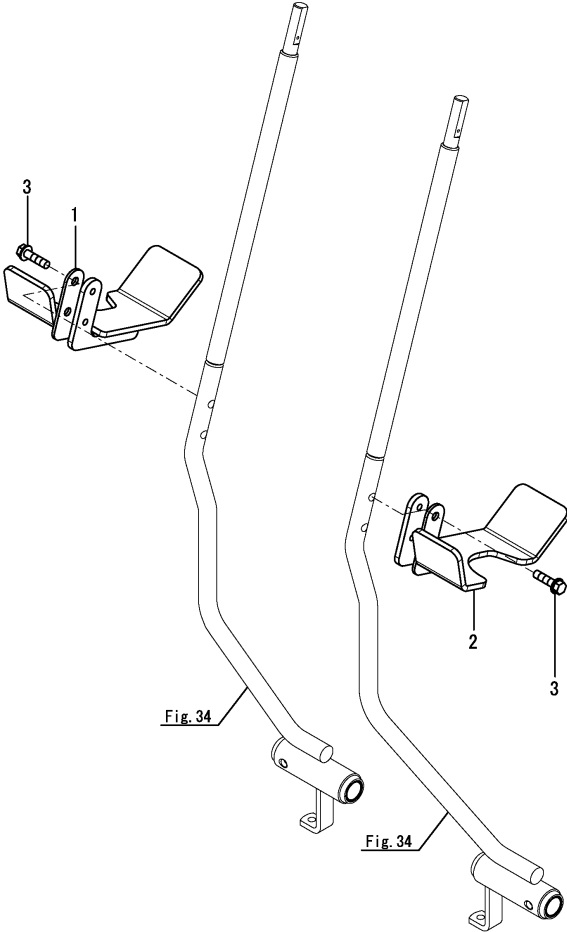


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-37500-2	ROLLER ASSY, CARRIER	2							
3	2	172458-37570	SHAFT	2							
4	2	172458-37580	SEAL, OIL	2							
5	2	172458-37590	COLLAR	2							
6	2	194630-42120	PLUG, PT1/8	2							
7	2	22242-000250	RING, 25	2							
8	2	22252-000521	RING, 52	2							
9	2	24101-062054	BEARING, BALL 6205	2							
10	2	24102-062054	BEARING, BALL 6205U	2							
11	2	27260-520000	PLUG, 52	2							
12	1	22217-140000	WASHER, SPRING 14	2							
13	1	26116-140652	BOLT, M14X 65 PLATED	2							
14	1	26716-140002	NUT, M14	2							

[illegible]

0CK50-M00290 CONTROL EQUIPMENT

Fig.32. TRAVEL PEDAL(FIXED TYPE)

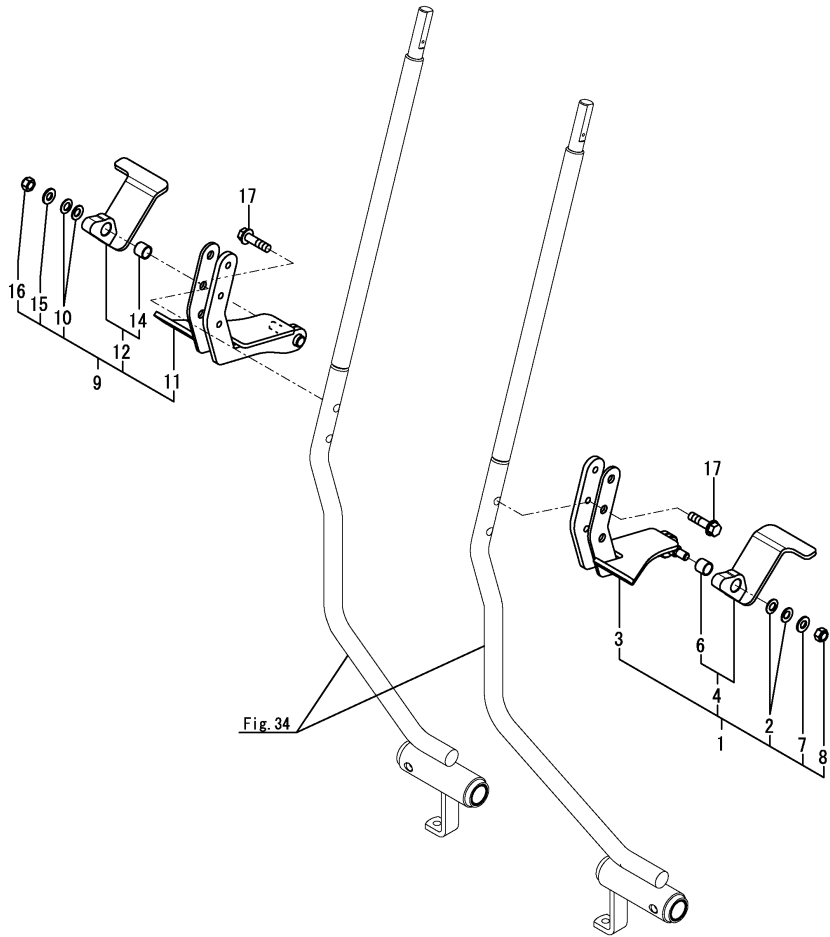


							0CK50-M00290 Fig.32						
							(A)=VIO30-6A P(KR)		(D)=				
							(B)=		(E)=				
							(C)=		(F)=				
No.	Lev.	Parts No.	Description	Q'ty									
				(A)	(B)	(C)	(D)	(E)	(F)	I	R		
1	1	172B03-44201	PEDAL ASSY, TRACK R	1									
2	1	172B03-44231	PEDAL ASSY, TRACK L	1									
3	1	26106-080302	BOLT, M8X 30 PLATED	4									

Remarks

* Folding type travel pedal are shown in Fig.122(32A).

Fig.122. (32A)TRAVEL PEDAL(FOLDING TYPE)

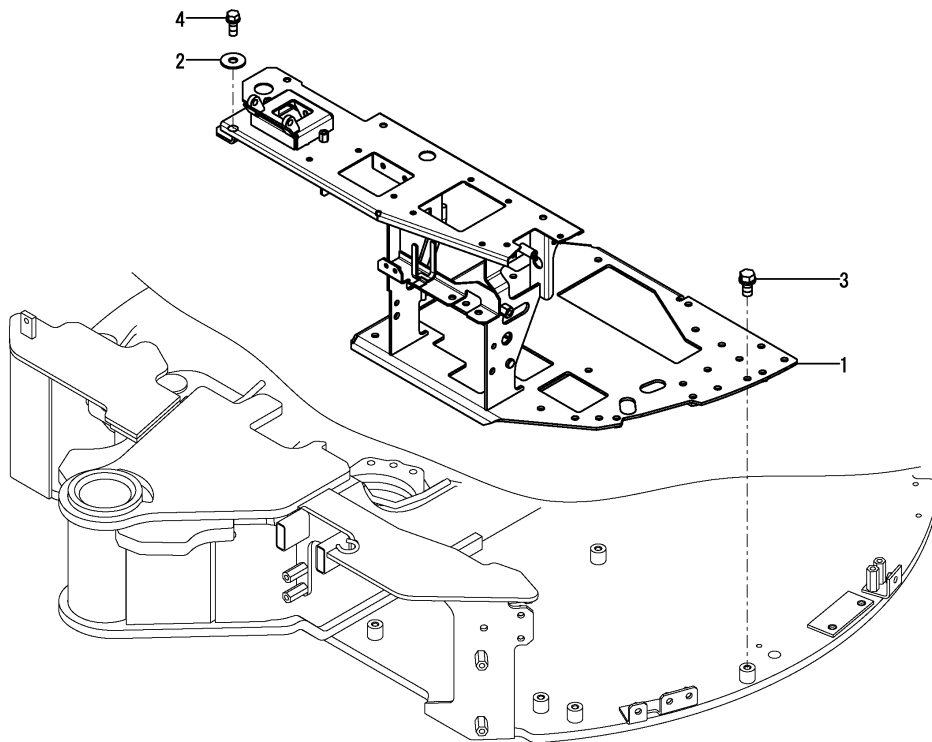


(A)=VIO30-6A P(KR)
(B)=
(C)=

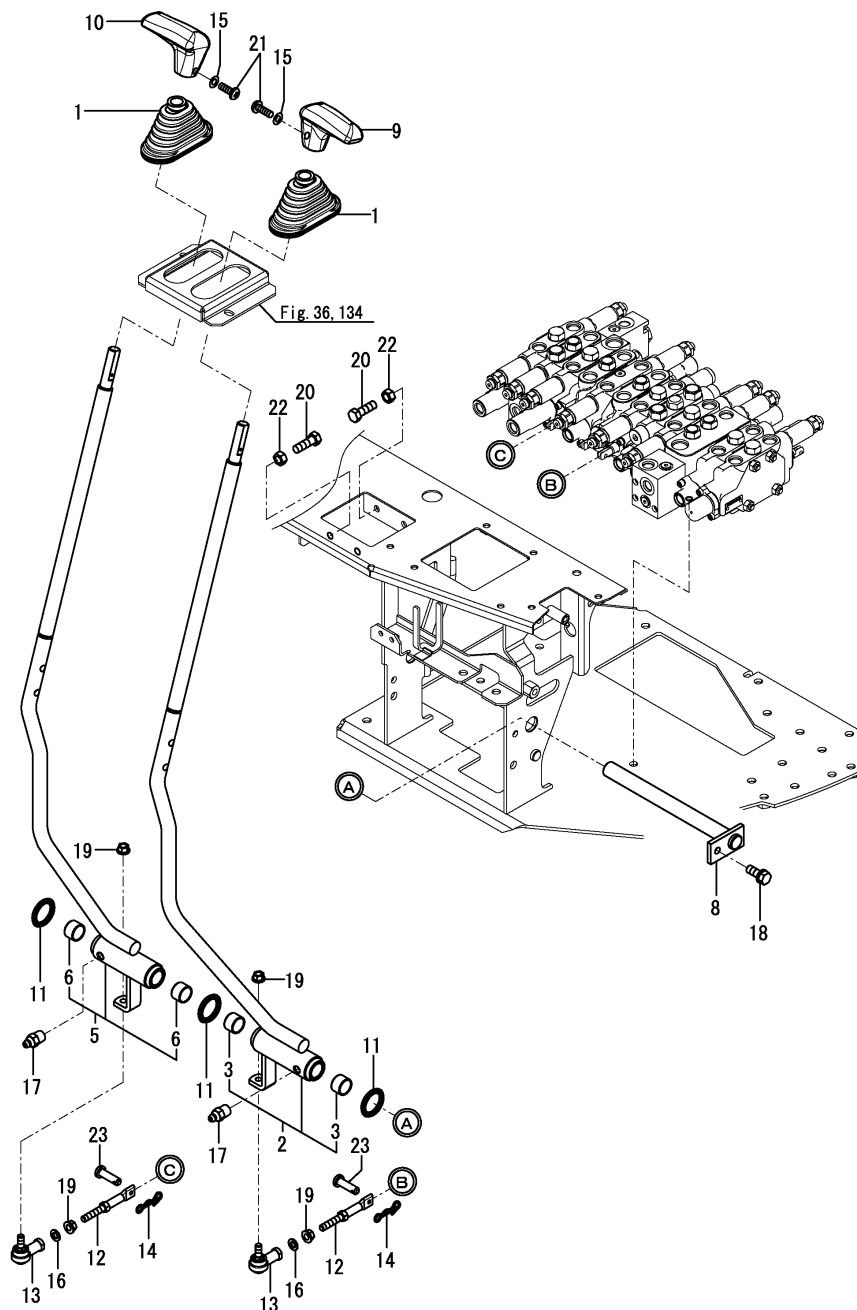
(D)=
(E)=
(F)=

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

Remarks
* Fixed type travel pedal are shown in Fig.32.



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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2							
2	1	172B03-45100	LEVER ASSY, TRACK L	1							
3	2	172141-41370	BUSH	2							
5	1	172B03-45150	LEVER ASSY, TRACK R	1							
6	2	172141-41370	BUSH	2							
8	1	172B03-45400	SHAFT ASSY	1							
9	1	172187-45870	GRIP, DRIVE	1							
10	1	172187-45880	GRIP, DRIVE	1							
11	1	172124-46200	O-RING	3							
12	1	172124-46340	ROD ASSY, SPOOL	2							
13	1	172122-46590	ELBOW	2							
14	1	1C6281-52310	PIN, SNAP 6	2							
15	1	22117-040000	WASHER, 4	2							
16	1	22117-080000	WASHER, 8	2							
17	1	24761-020000	NIPPLE, GREASE PT1/8	2							
18	1	26013-080202	BOLT, M8X 20	1							
19	1	26051-080002	NUT, M8	4							
20	1	26116-080304	BOLT, M8X 30 PLATED	4							
21	1	26587-040122	SCREW, M4X12	2							
22	1	26716-080002	NUT, M8	4							
23	1	933110-54100	PIN	2							

(A)=VIO30-6A P(KR)
(B)=
(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							
2	1	172B03-45200	LINK ASSY, SWING	1							
3	2	172141-41370	BUSH	2							
5	1	172458-45230-1	SHAFT, PEDAL	1							
6	1	172B03-45250	BRACKET, SWING	1							
7	1	172B03-45300	ROD ASSY, 420	1							
8	1	172B03-45320	LINK ASSY, PEDAL	1							
9	2	172141-41360	BUSH	2							
11	1	172458-45521-1	PEDAL, SWING	1							
12	1	172458-45540-1	COVER, PEDAL	1							
13	1	172187-45651	SHAFT	1							
14	1	172187-45760	PAD	1							
15	1	1A1040-45890	WASHER, 10X36X4.5	1							
16	1	172823-45940	ROD ASSY	1							
17	1	172157-45990	BOOT, PEDAL	1							
18	1	172124-46200	O-RING	2							
19	1	172165-46340	BOLT	2							
20	1	172122-46590	ELBOW	2							
21	1	1C6281-52310	PIN, SNAP 6	1							
22	1	1E6740-64200	BALL, LINK	1							
23	1	22117-080000	WASHER, 8	3							
24	1	22137-100000	WASHER, 10	1							
25	1	22217-080000	WASHER, SPRING 8	1							
26	1	22217-100000	WASHER, SPRING 10	1							
27	1	22417-250200	PIN, COTTER 2.5X20	1							
28	1	24311-000210	O-RING, 1AP21.0	2							
29	1	24761-020000	NIPPLE, GREASE PT1/8	1							
30	1	24761-040000	NIPPLE, GREASE B	1							
31	1	26013-080162	BOLT, M8X 16	2							
32	1	26013-100202	BOLT, M10X 20	2							
33	1	26051-080002	NUT, M8	5							
34	1	26116-080254	BOLT, M8X 25 PLATED	2							
35	1	26116-100202	BOLT, M10X 20 PLATED	1							
36	1	26716-080002	NUT, M8	2							
37	1	933110-54100	PIN	1							

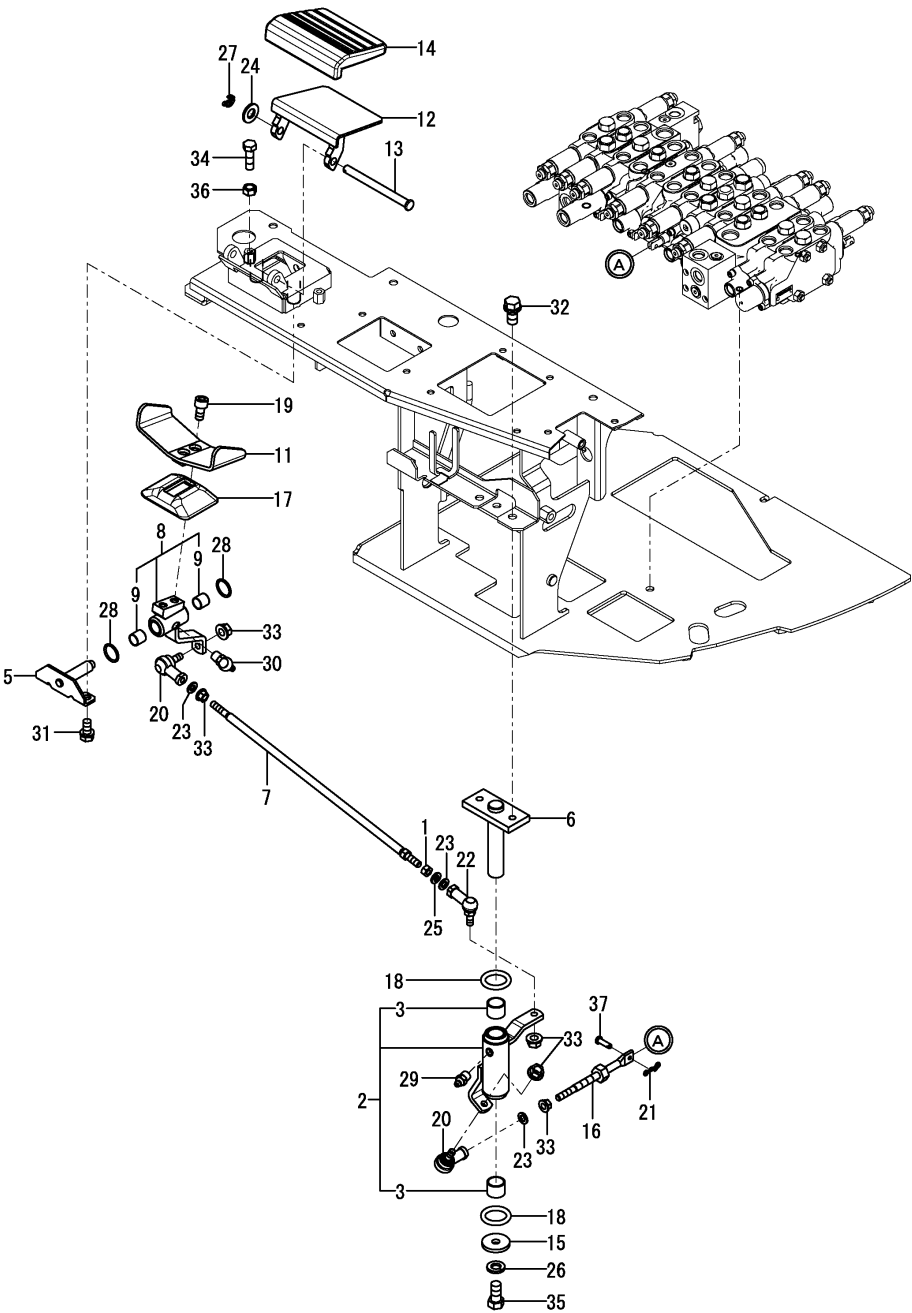


Fig.133. (35A)LOW-HIGH PEDAL(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1040-43900	WASHER, SPRING	1							
2	1	172B03-45500	PEDAL ASSY, 2ND	1							
4	2	172458-45950	PAD, PEDAL	1							
5	2	24550-014150	BUSH, 14X15	2							
6	1	172A47-45580	SPRING	1							
7	1	24311-000210	O-RING, 1AP21.0	2							
8	1	26013-080162	BOLT, SPRING M8X 16	1							

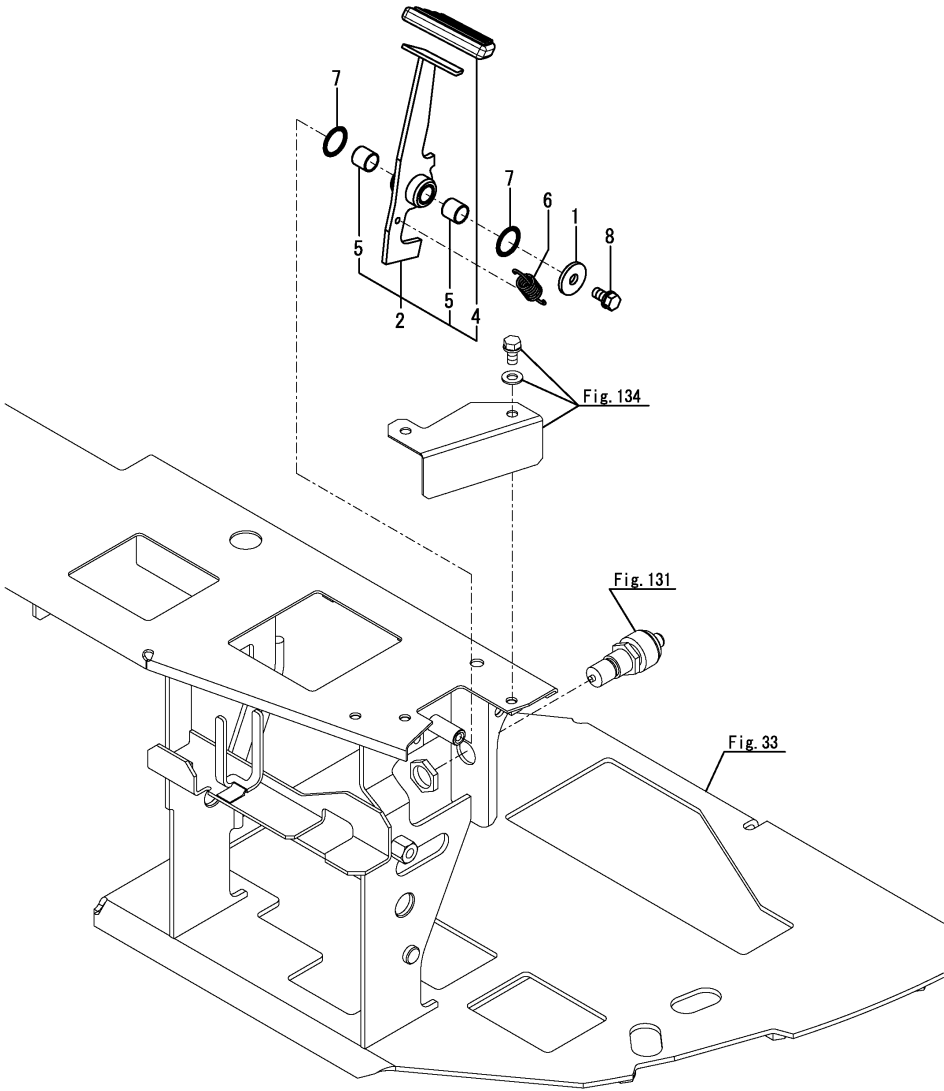
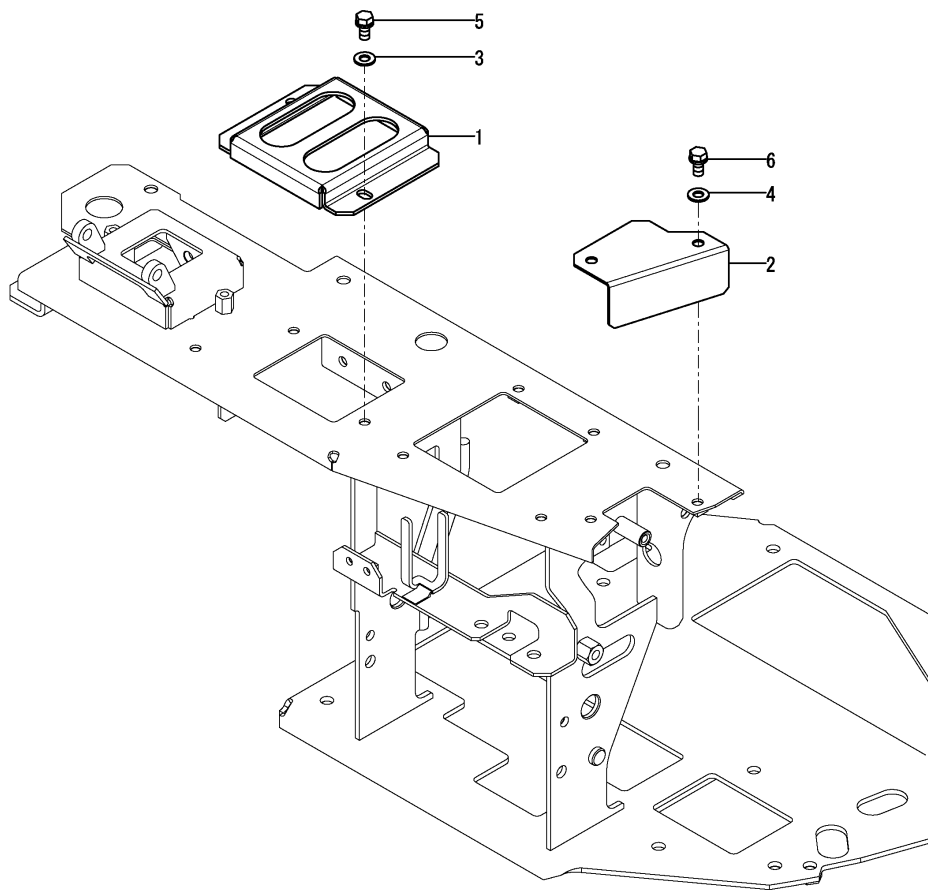


Fig.36. PEDAL COVER(1)(P.T.O. LEVER SWITCH SPEC.)

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



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

Fig.37. PEDAL COVER(2)(P.T.O. LEVER SWITCH SPEC.)

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

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

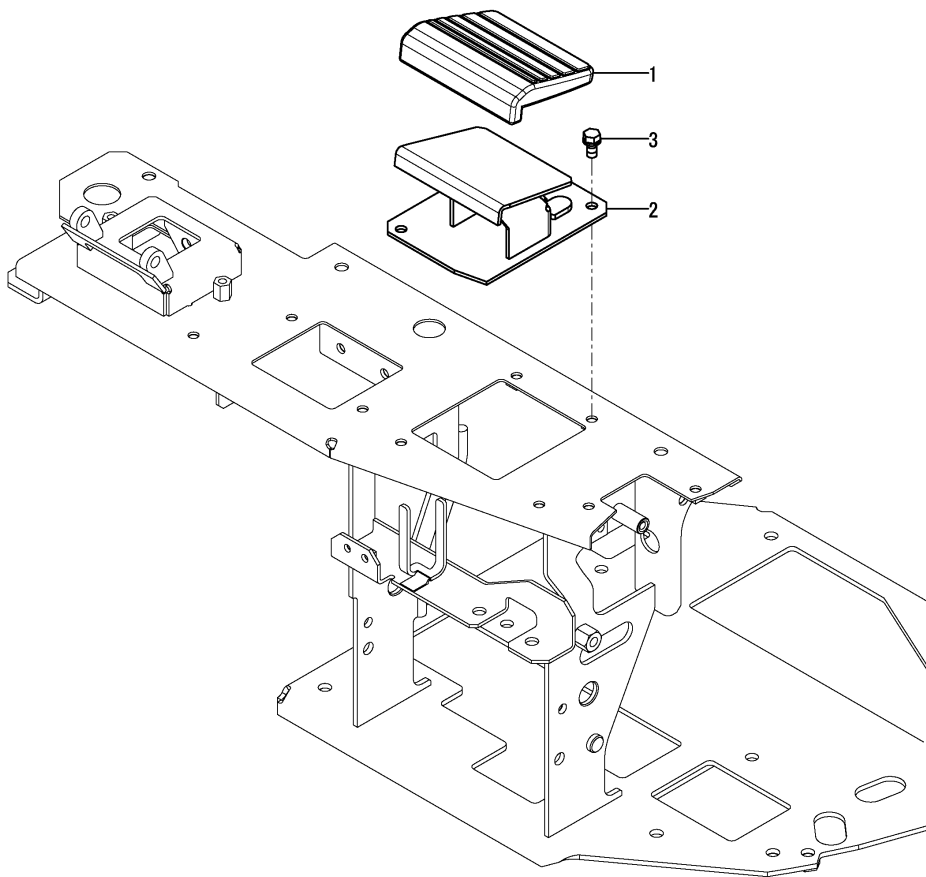
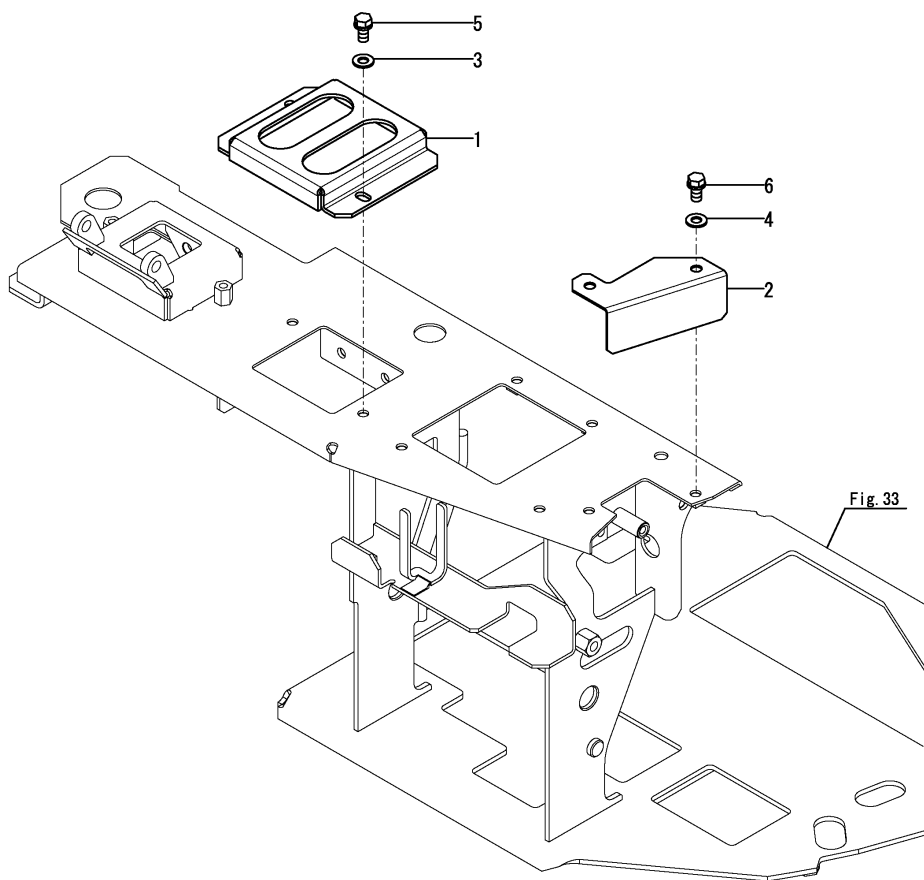


Fig.134. (37A)PEDAL COVER(3)(P.T.O. FOOT PEDAL SPEC.)

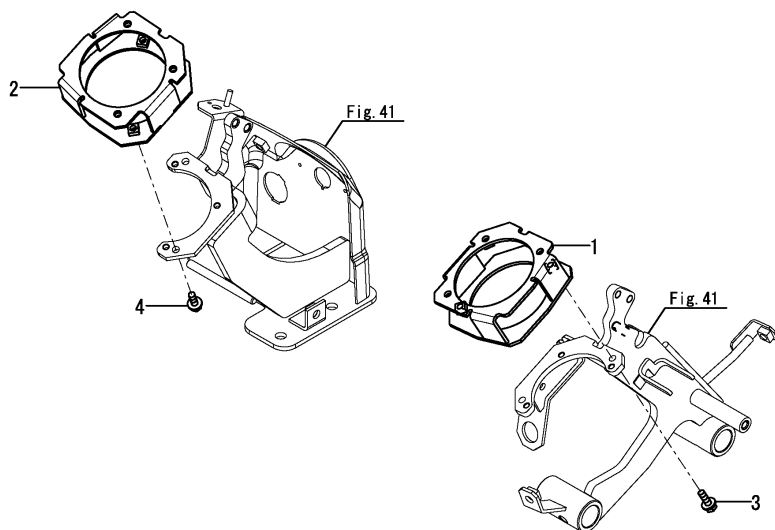


(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45510-1	BRACKET, BOOT	1							
2	1	172B03-45550	COVER	1							
3	1	22137-080000	WASHER, 8	2							
4	1	22137-080000	WASHER, 8	2							
5	1	26013-080162	BOLT, SPRING M8X 16	2							
6	1	26013-080162	BOLT, SPRING M8X 16	2							

Fig.38. LEVER SPACER(P.T.O. LEVER SWITCH SPEC.)

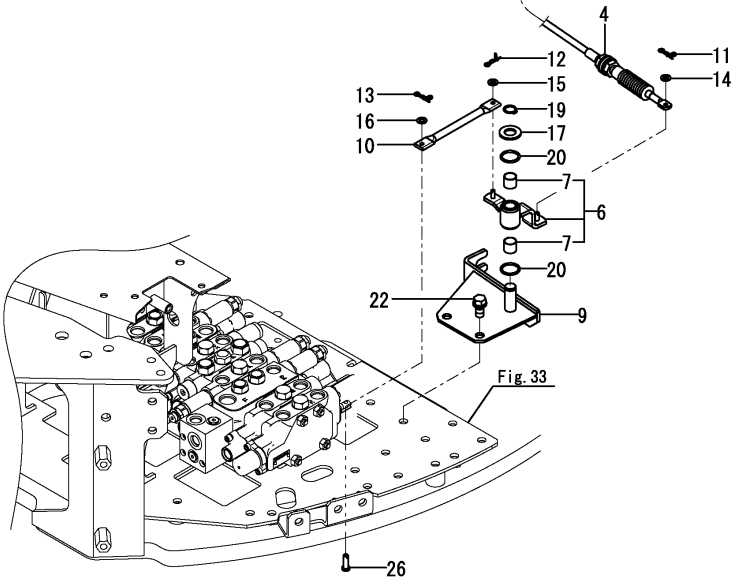
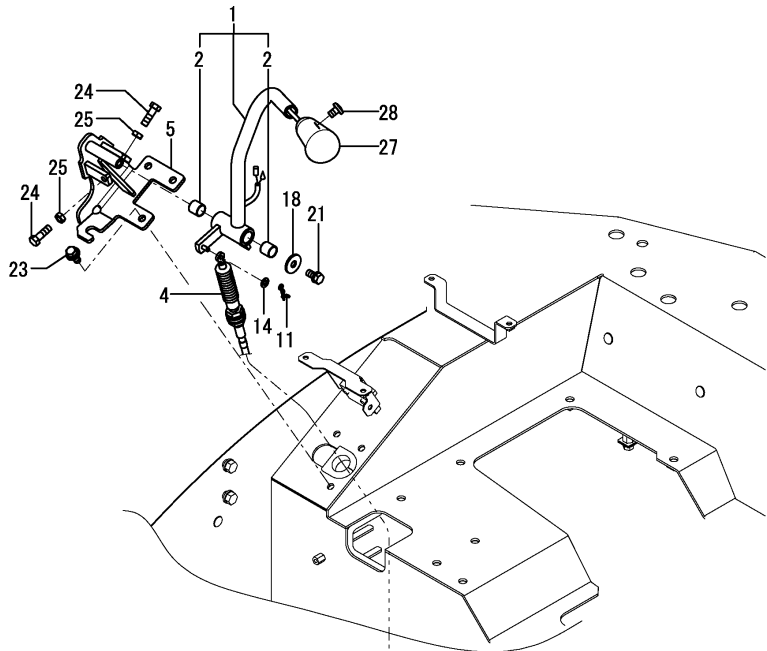


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B03-46010	SPACER ASSY, L	1							
2	1	172B03-46060	SPACER ASSY, R	1							
3	1	26014-060202	BOLT, M6X 20	2							
4	1	26014-060202	BOLT, M6X 20	2							

Fig.39. BLADE LEVER(P.T.O. LEVER SWITCH SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



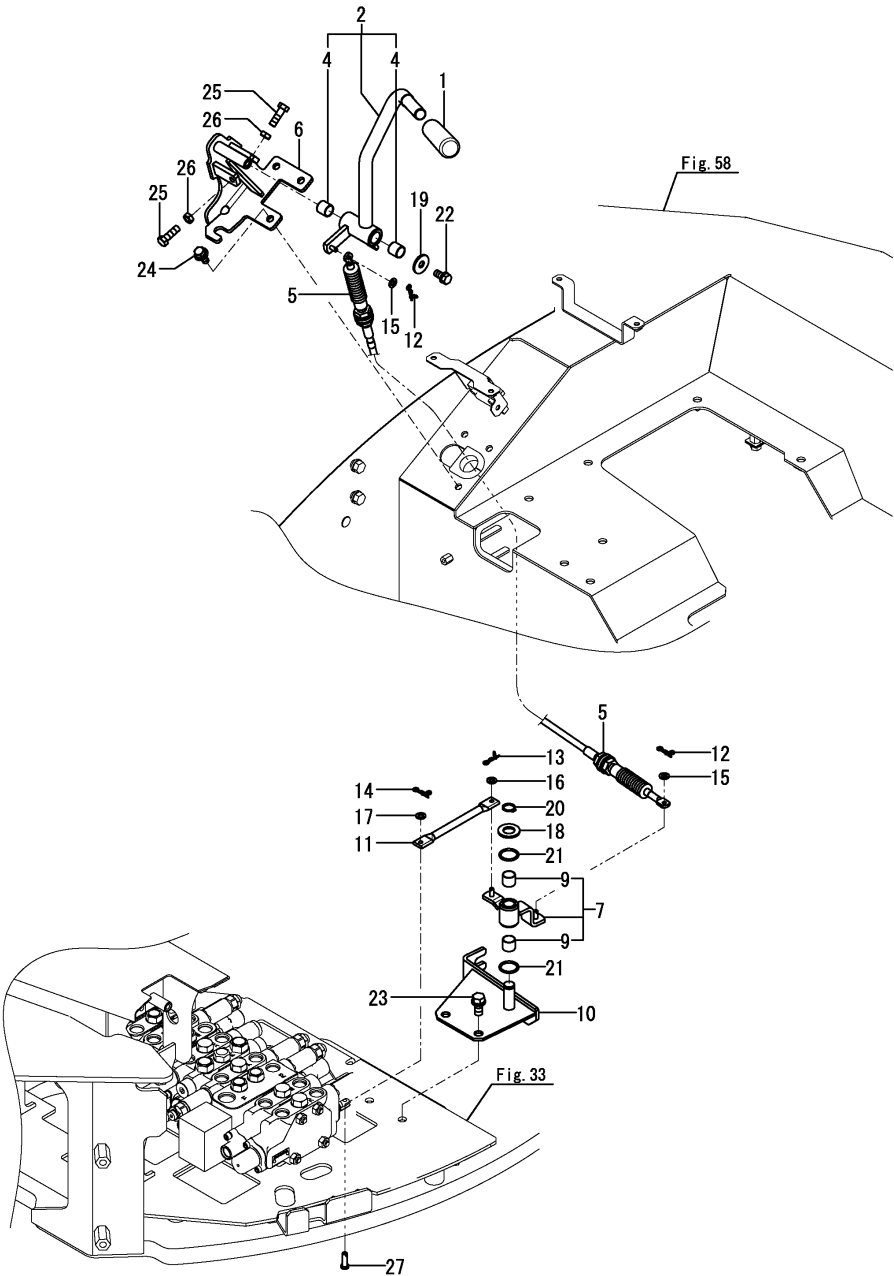
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-45450	LEVER ASSY, BLADE EX	1							
2	2	172141-41360	BUSH	2							
4	1	172B03-45800	CABLE, BLADE	1							
5	1	172B03-45850	BRACKET ASSY, BLADE	1							
6	1	172B03-45900	BOSS ASSY, LINK	1							
7	2	172141-41360	BUSH	2							
9	1	172B03-45950	SHAFT ASSY, LINK	1							
10	1	172B03-45990	ROD, 130	1							
11	1	1C6281-52310	PIN, SNAP 6	2							
12	1	1C6281-52310	PIN, SNAP 6	1							
13	1	1C6281-52310	PIN, SNAP 6	1							
14	1	22137-050000	WASHER, 5	2							
15	1	22137-050000	WASHER, 5	1							
16	1	22137-050000	WASHER, 5	1							
17	1	22137-140000	WASHER, 14	1							
18	1	22157-080000	WASHER, 8	1							
19	1	22242-000140	RING, 14	1							
20	1	24311-000210	O-RING, 1AP21.0	2							
21	1	26013-080162	BOLT, M8X 16	1							
22	1	26013-100202	BOLT, M10X 20	2							
23	1	26014-080202	BOLT, M8X 20	3							
24	1	26116-080252	BOLT, M8X 25 PLATED	2							
24-1	1	26116-080254	BOLT, M8X 25 PLATED	2							R
(A=MAF014)											
25	1	26756-080002	NUT, LOCK M8	2							
26	1	933110-54100	PIN, 4.75X14	1							
27	1	172B03-17500	KNOB ASSY, SWITCH	1							
28	1	26587-040062	SCREW, M4X 6	1							

Fig.135. (39A)BLADE LEVER(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172964-12140	GRIP	1							
2	1	172B03-45350	LEVER ASSY, BLADE JP	1							
4	2	24550-014150	BUSH, 14X15	2							
5	1	172B03-45800	CABLE, BLADE	1							
6	1	172B03-45850	BRACKET ASSY, BLADE	1							
7	1	172B03-45900	BOSS ASSY, LINK	1							
9	2	24550-014150	BUSH, 14X15	2							
10	1	172B03-45950	SHAFT ASSY, LINK	1							
11	1	172B03-45990	ROD, 130	1							
12	1	1C6281-52310	PIN, SNAP 6	2							
13	1	1C6281-52310	PIN, SNAP 6	1							
14	1	1C6281-52310	PIN, SNAP 6	1							
15	1	22137-050000	WASHER, 5	2							
16	1	22137-050000	WASHER, 5	1							
17	1	22137-050000	WASHER, 5	1							
18	1	22137-140000	WASHER, 14	1							
19	1	22157-080000	WASHER, 8	1							
20	1	22242-000140	RING, 14	1							
21	1	24311-000210	O-RING, 1AP21.0	2							
22	1	26013-080162	BOLT, M8X 16	1							
23	1	26013-100202	BOLT, M10X 20	2							
24	1	26014-080202	BOLT, M8X 20	3							
25	1	26116-080252	BOLT, M8X 25 PLATED	2							
25-1	1	26116-080254	BOLT, M8X 25 PLATED	2							R
(A=MAF014)											
26	1	26756-080002	NUT, LOCK M8	2							
27	1	933110-54100	PIN, 4.75X14	1							



$$(F)=$$

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172441-44320	ARMREST	2							
2	1	172A46-46500	GUIDE ASSY, L	1							
3	1	172A46-46530	PLATE, GUIDE R	1							
4	1	172519-63240	BOLT, M8X16	4							
4-1	1	172162-68370	BOLT, M8X12	4							N
		(A=MAF014)									
5	1	172519-63240	BOLT, M8X16	4							

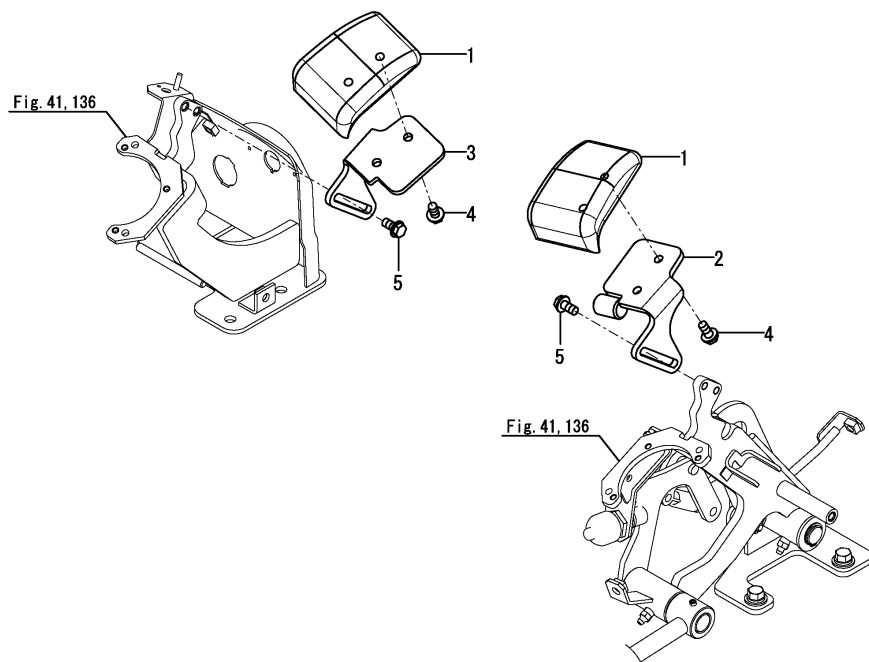


Fig.41. LOCK LEVER & STAND(P.T.O. LEVER SWITCH SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(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							
2	1	172B03-46100	STAND ASSY, LEVER	1							
3	2	172141-41370	BUSH	4							
5	2	24761-020000	NIPPLE, GREASE PT1/8	2							
6	1	172B03-46200	BASE ASSY, LEVER L	1							
7	1	172A69-46270	SPRING	1							
8	1	172B03-46310	ROD ASSY, GUIDE	1							
9	1	172B03-46350	LEVER ASSY, LOCK L	1							
10	1	172B03-46400	STAND ASSY, LEVER	1							
11	1	172455-46890	SPRING, GAS	1							
12	1	172165-47550	BUSH	1							
13	1	22137-080000	WASHER, 8	2							
14	1	22137-200000	WASHER, 20	1							
15	1	22242-000200	RING, 20	1							
16	1	22272-000070	RING, E- 7	1							
17	1	22351-035040	PIN, SPRING 3.5X40	1							
18	1	22351-060040	PIN, SPRING 6.0X40	1							
19	1	22417-200200	PIN, COTTER 2.0X20	2							
20	1	26014-100252	BOLT, M10X 25	3							
21	1	26014-100252	BOLT, M10X 25	3							

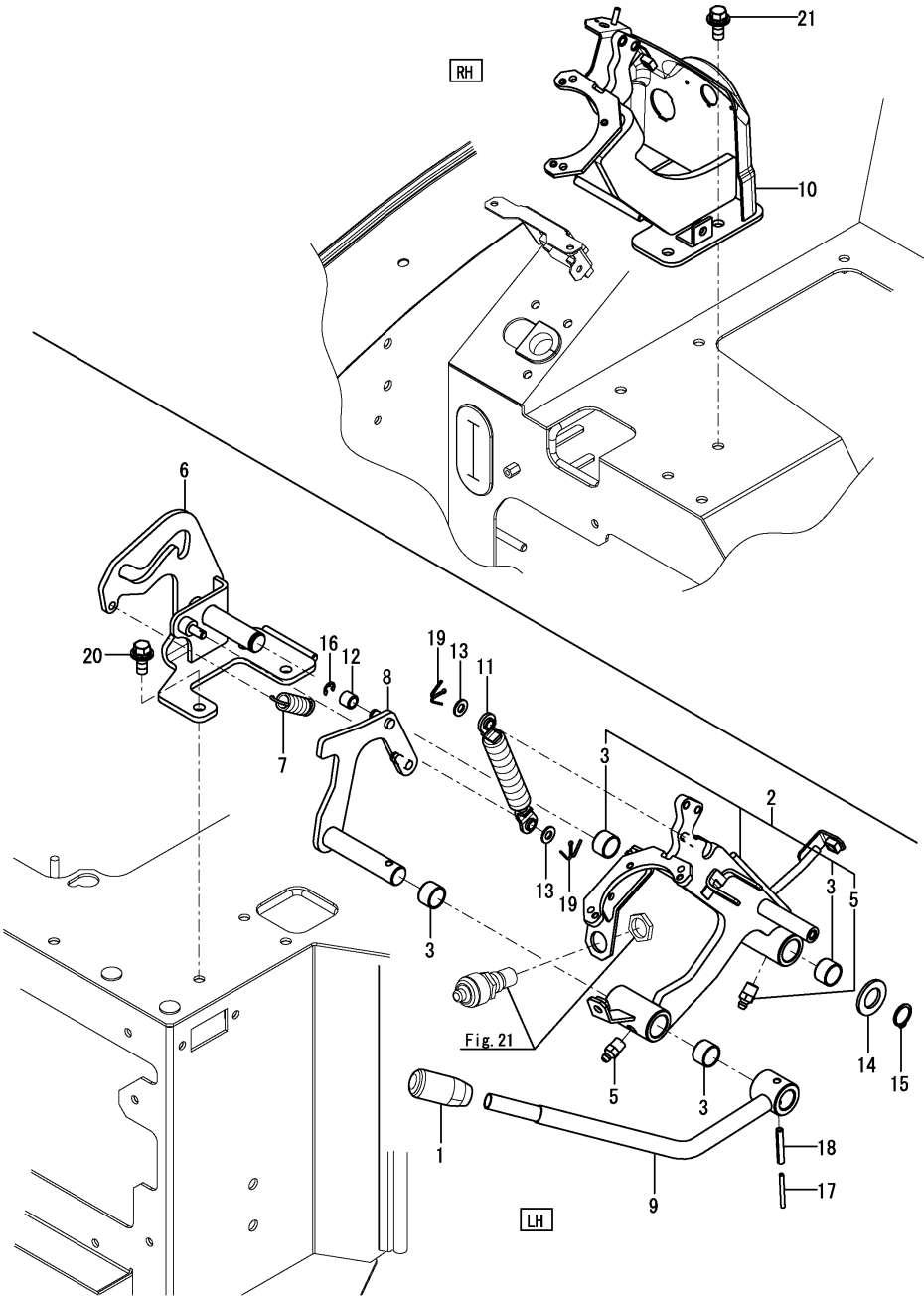
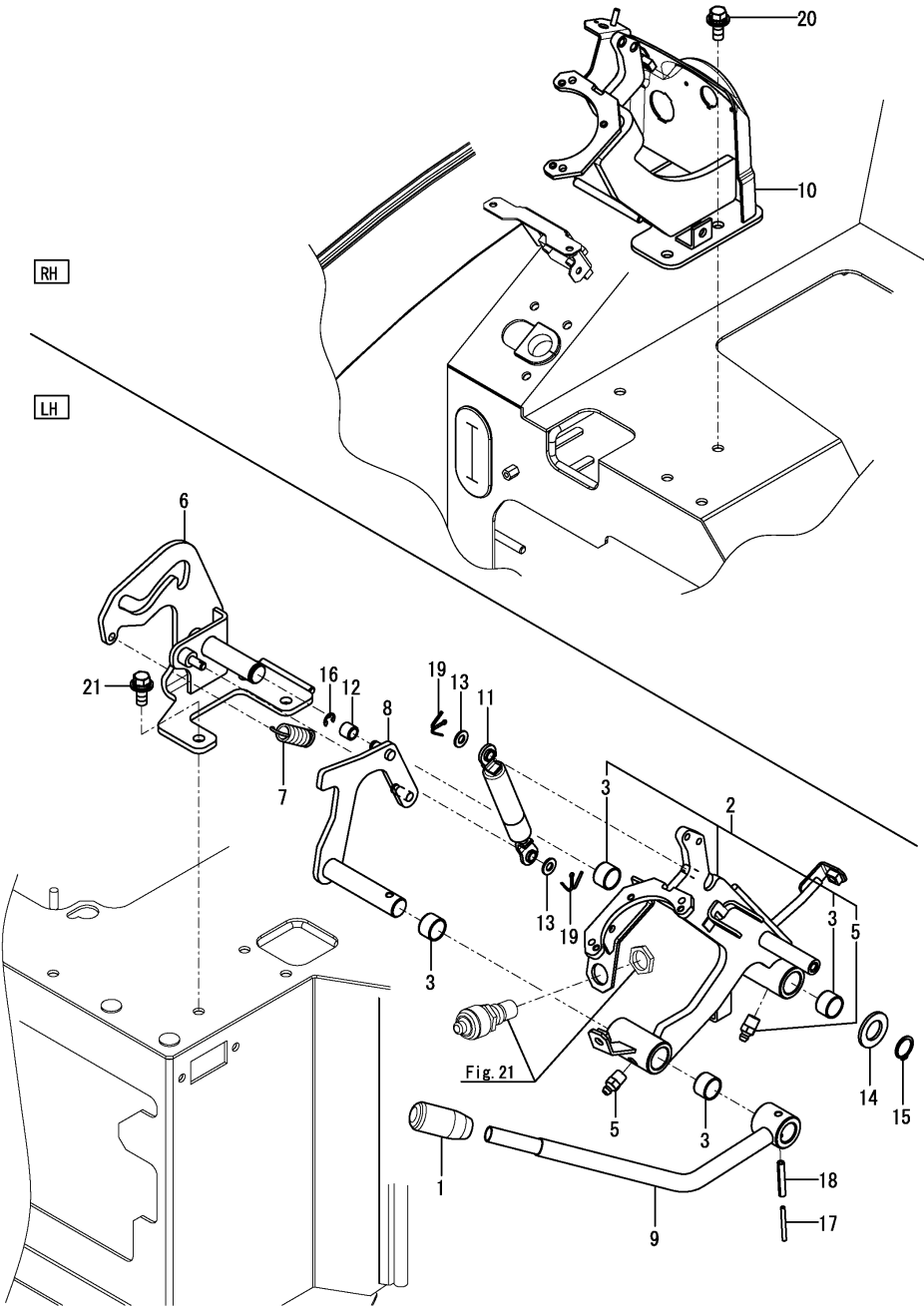


Fig.136. (41A)LOCK LEVER & STAND(P.T.O. FOOT PEDAL SPEC.)

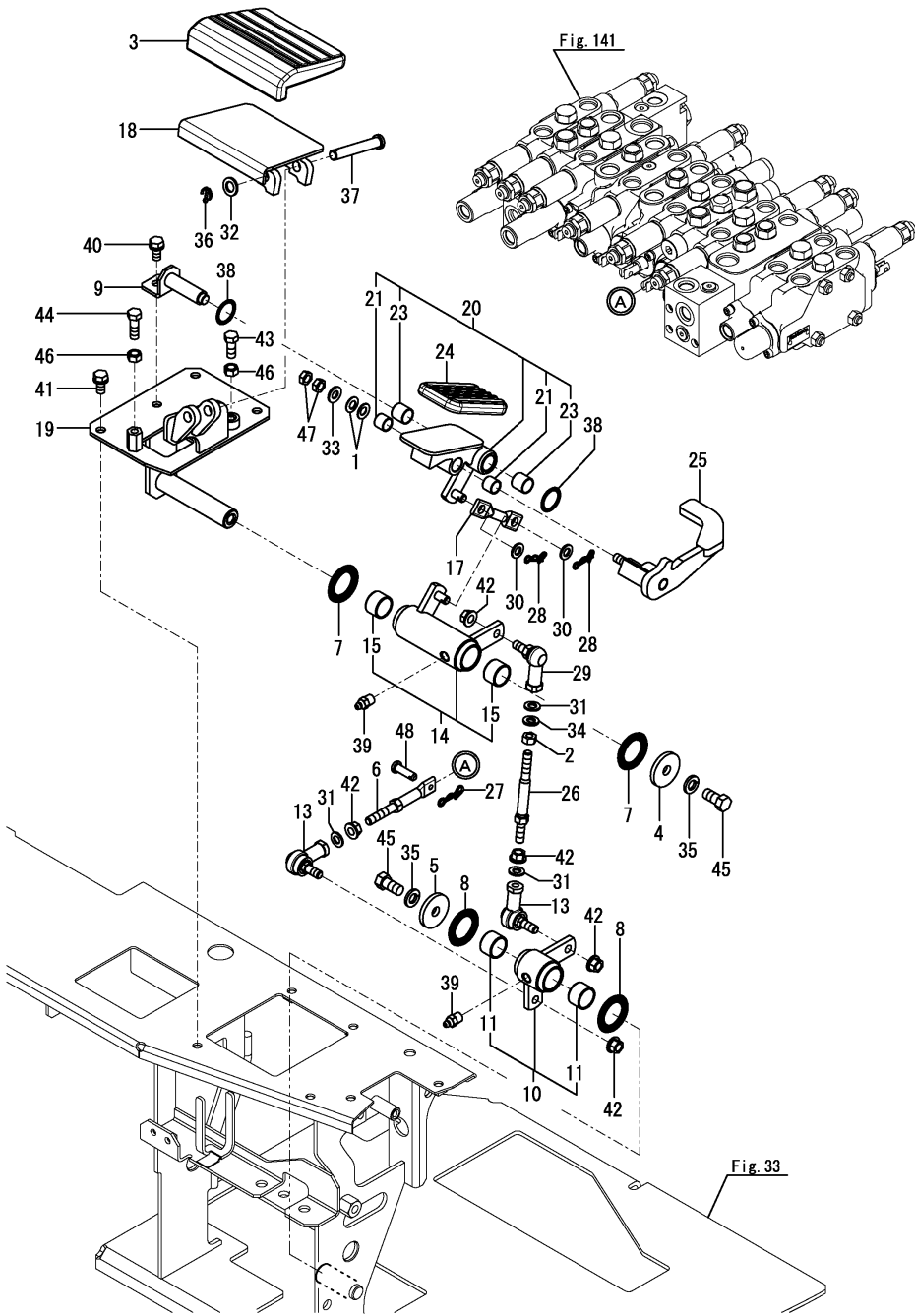


(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-46050	GRIP	1							
2	1	172B04-46100	STAND ASSY, LEVER L	1							
3	2	172141-41370	BUSH	4							
5	2	24761-020000	NIPPLE, GREASE PT1/8	2							
6	1	172B03-46200	BASE ASSY, LEVER L	1							
7	1	172A69-46270	SPRING	1							
8	1	172B03-46310	ROD ASSY, GUIDE	1							
9	1	172B03-46350	LEVER ASSY, LOCK L	1							
10	1	172B04-46400	STAND ASSY, LEVER R	1							
11	1	172455-46890	SPRING, GAS	1							
12	1	172165-47550	BUSH	1							
13	1	22137-080000	WASHER, 8	2							
14	1	22137-200000	WASHER, 20	1							
15	1	22242-000200	RING, 20	1							
16	1	22272-000070	RING, E- 7	1							
17	1	22351-035040	PIN, SPRING 3.5X40	1							
18	1	22351-060040	PIN, SPRING 6.0X40	1							
19	1	22417-200200	PIN, COTTER 2.0X20	2							
20	1	26014-100252	BOLT, M10X 25	3							
21	1	26014-100252	BOLT, M10X 25	3							

Fig.137. (41B)P.T.O. PEDAL(P.T.O. FOOT PEDAL SPEC.)

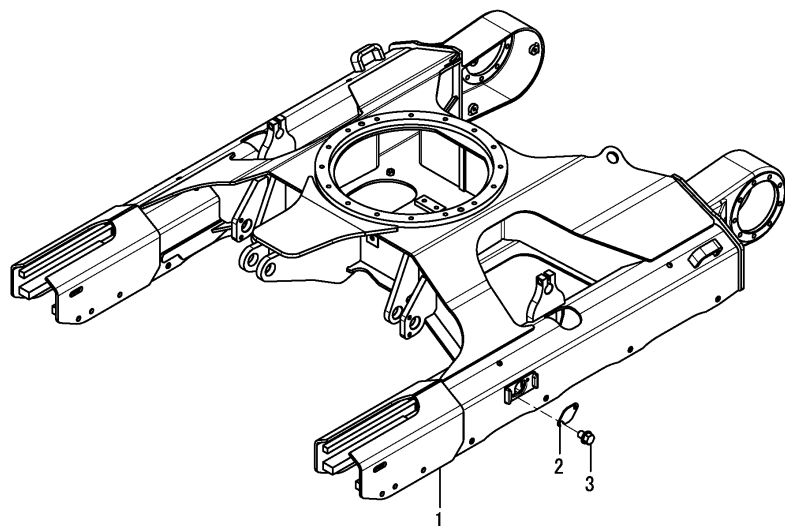


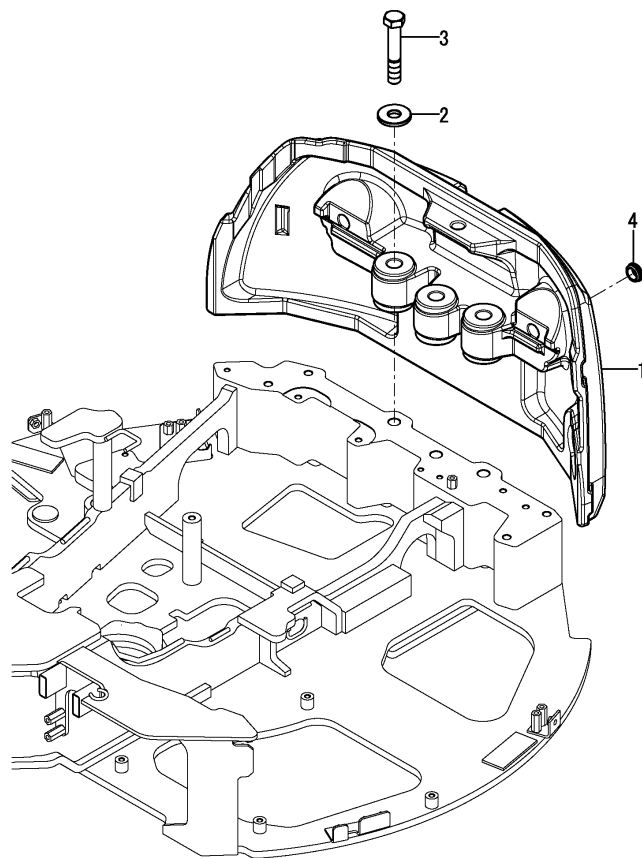
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

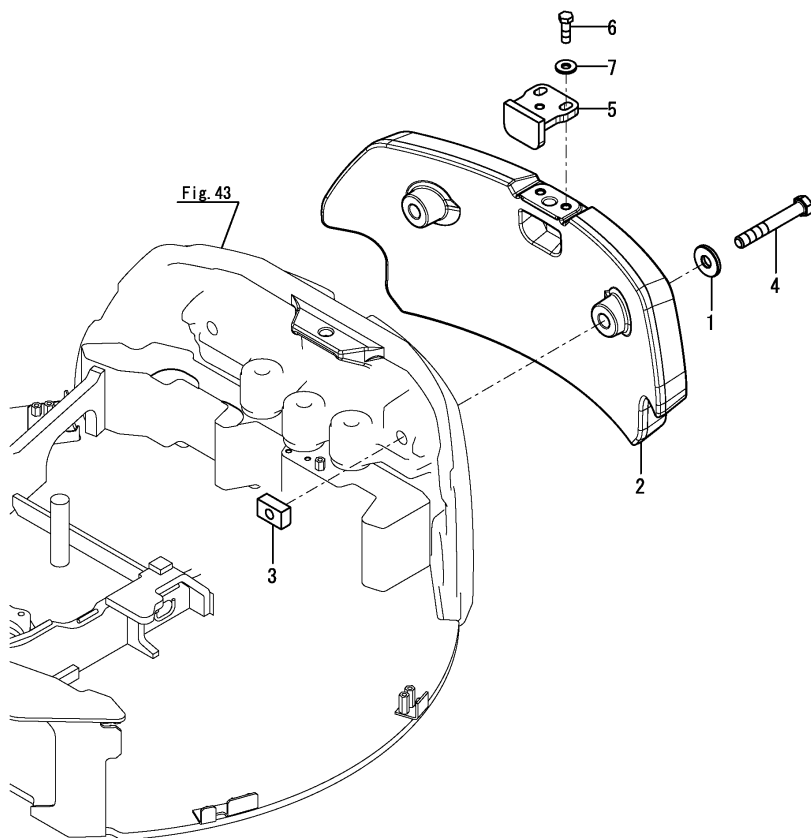
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING	2							
2	1	194200-37780	NUT, M8	1							
3	1	172187-45760	PAD	1							
4	1	1A1040-45890	WASHER, 10X36X4.5	1							
5	1	1A1040-45890	WASHER, 10X36X4.5	1							
6	1	172187-46190	ROD A ASSY	1							
7	1	172124-46200	O-RING	2							
8	1	172124-46200	O-RING	2							
9	1	172187-46400-1	BRACKET ASSY	1							
10	1	172B03-46550	LINK ASSY, PTO A	1							
11	2	172141-41370	BUSH	2							
13	1	172122-46590	ELBOW	2							
14	1	172B03-46600	LINK ASSY, PTO B	1							
15	2	172141-41370	BUSH	2							
17	1	172B03-46630	ROD, 60	1							
18	1	172B03-46650	COVER ASSY, PEDAL	1							
19	1	172B03-46670	BASE ASSY, PEDAL	1							
20	1	172B03-46750	PEDAL ASSY, A	1							
21	2	172110-45050	BUSH	2							
23	2	24550-014150	BUSH, 14X15	2							
24	1	172B03-46790	PAD, PEDAL	1							
25	1	172B03-46800	PEDAL ASSY, B	1							
26	1	172B03-46900	ROD ASSY, 103	1							
27	1	1C6281-52310	PIN, SNAP 6	1							
28	1	1C6281-52320	PIN, SNAP 8	2							
29	1	1E6740-64200	BALL, LINK BL8DL	1							
30	1	22117-080000	WASHER, 8	2							
31	1	22117-080000	WASHER, 8	3							
32	1	22117-100000	WASHER, 10	1							
33	1	22137-080000	WASHER, 8	1							
34	1	22217-080000	WASHER, SPRING 8	1							
35	1	22217-100000	WASHER, SPRING 10	2							
36	1	22417-250200	PIN, COTTER 2.5X20	1							
37	1	22487-100600	PIN, H10X 60	1							
38	1	24311-000210	O-RING, 1AP21.0	2							
39	1	24761-020000	NIPPLE, GREASE PT1/8	2							
40	1	26013-080162	BOLT, SPRING M8X 16	1							
41	1	26013-080162	BOLT, SPRING M8X 16	3							
42	1	26051-080002	NUT, M8	5							
43	1	26116-080204	BOLT, M8X 20 PLATED	1							
44	1	26116-080254	BOLT, M8X 25 PLATED	1							
45	1	26116-100202	BOLT, M10X 20 PLATED	2							
46	1	26716-080002	NUT, M8	2							
47	1	26756-080002	NUT, LOCK M8	2							
48	1	933110-54100	PIN	1							

Fig.42. TRAVEL FRAME

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-53310	WEIGHT, COUNTER 190	1							
2	1	172187-53321	WASHER, 24.5X65X8	3							
3	1	172455-53331	BOLT, 24X140	3							
4	1	172456-53700	GROMMET, 30	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-53321	WASHER	2							
2	1	172B03-53320	WEIGHT, ADD 150	1							
3	1	172A46-53360	NUT	2							
4	1	172A48-53371	BOLT	2							
5	1	172B03-53410	BRACKET ASSY,WEIGHT	1							
6	1	26116-160502	BOLT, M16X 50 PLATED	2							
7	1	933147-08501	WASHER	2							

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-54092	FRAME ASSY, TURNING	1							
3	2	172169-54750	BUSH	2							
4	2	172165-81770	SEAL, DUST	2							
5	1	172B03-54800	MOUNT ASSY, FRAME	1							
6	1	26013-120402	BOLT, M12X 40	2							

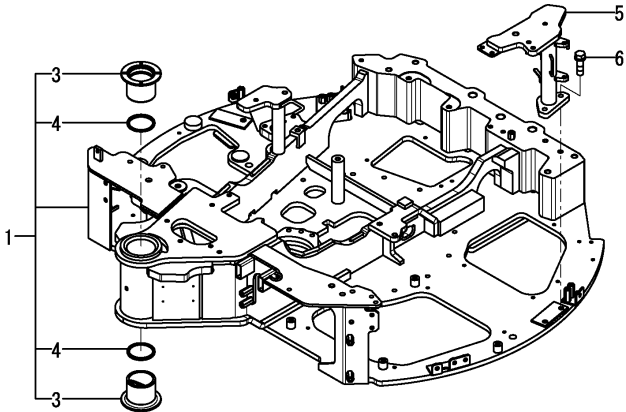
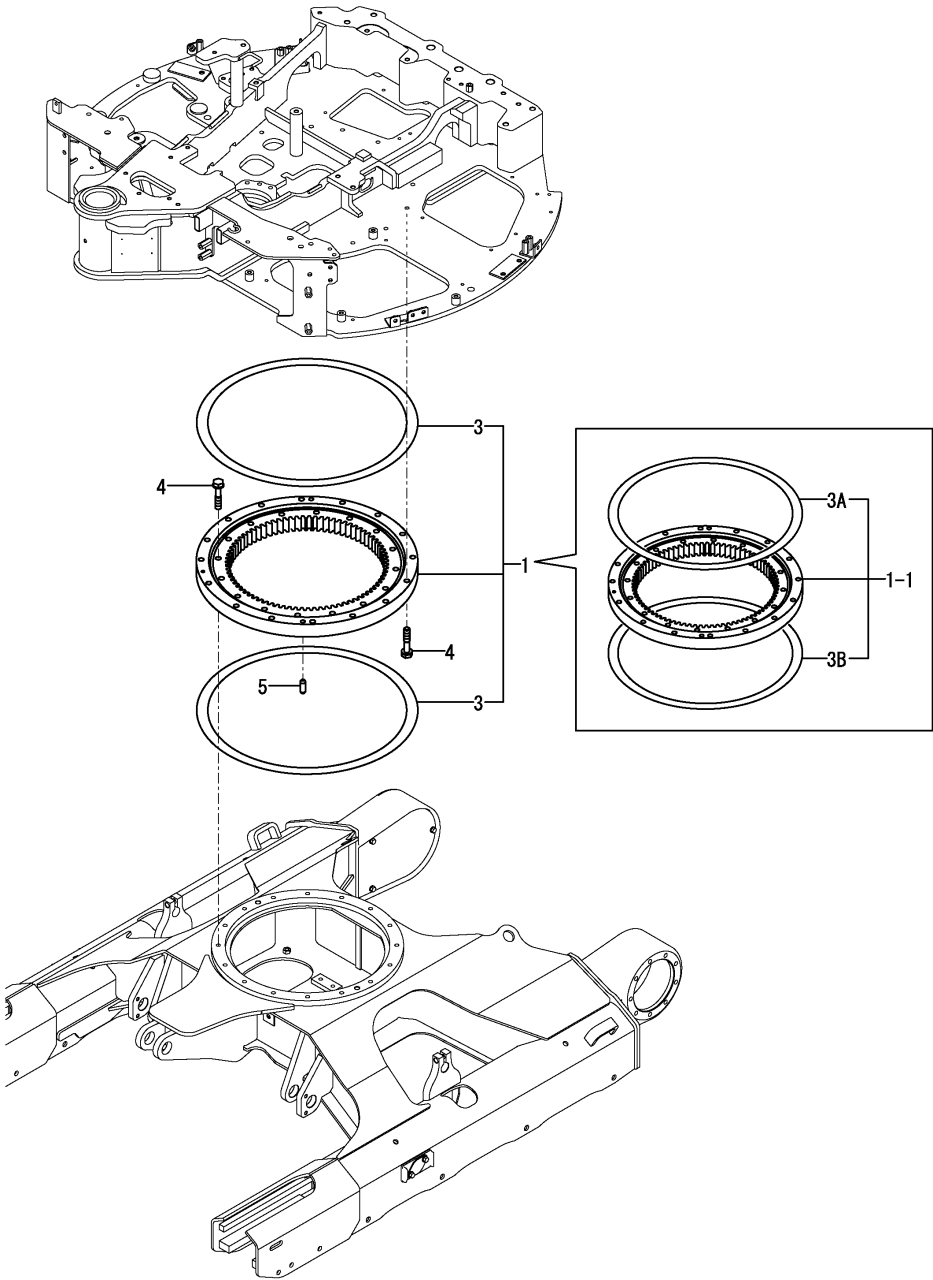


Fig.45. TURNING BEARING



(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

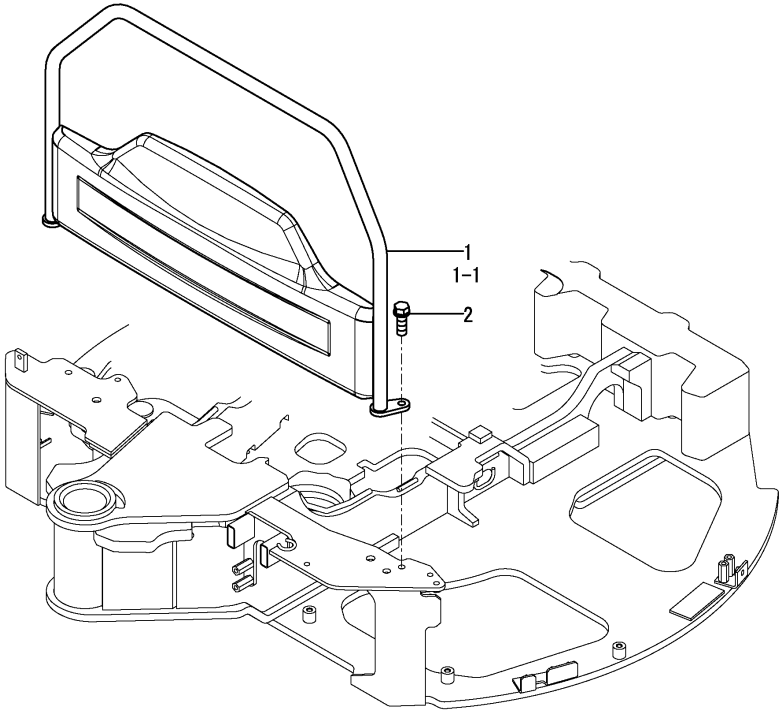
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-57600	BEARING ASSY,TURNING	1							
1-1	1	172458-57601-2	BEARING,SWING	1							R
		(A=MAF014)									
3	2	172A77-57620	SEAL, SWING	2							
		(A=MAF014)									
3A	2	172B03-57630	SEAL, A	1							W
		(A=MAF014)									
3B	2	172B03-57640	SEAL, B	1							W
		(A=MAF014)									
4	1	172A46-57610	BOLT, 14X65	32							
4-1	1	172A46-57611	BOLT, 14X65	32							R
		(A=MAF014)									
5	1	172122-57620	PIN, PARALLEL 13X36	4							

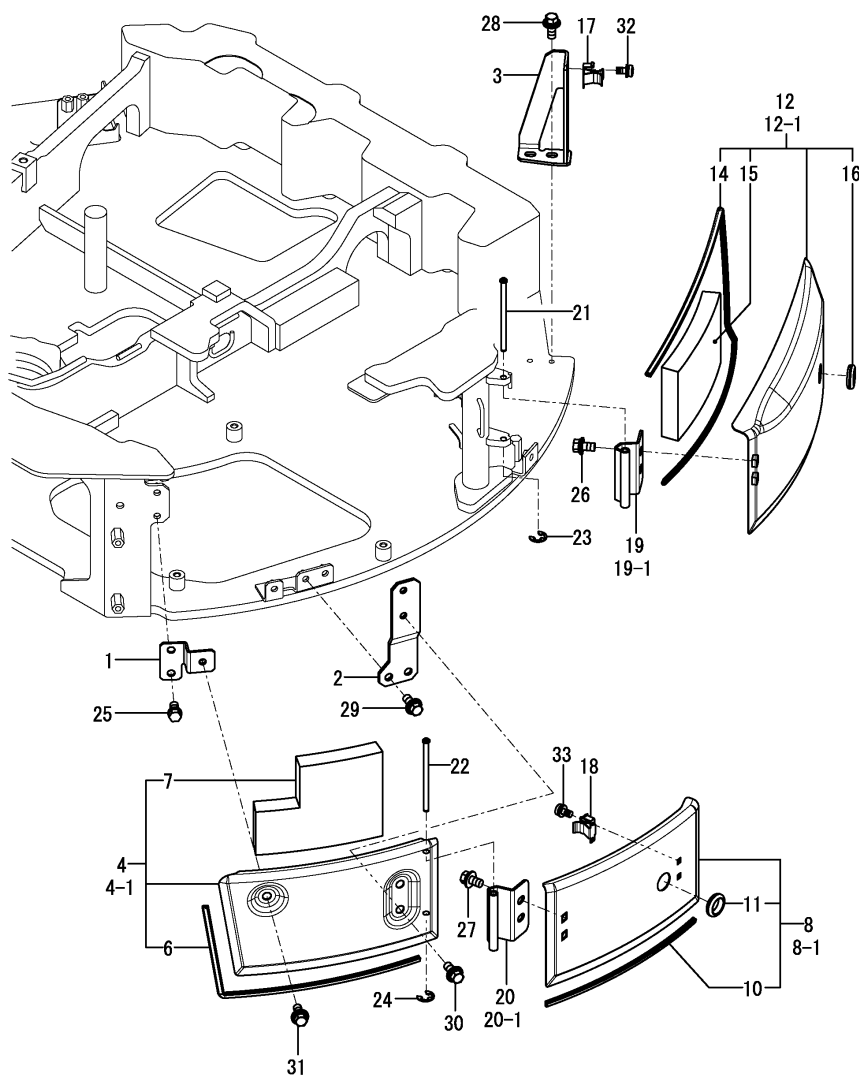
Fig.46. FRONT COVER

(A)=VIO30-6A P(KR)
(B)=
(C)=

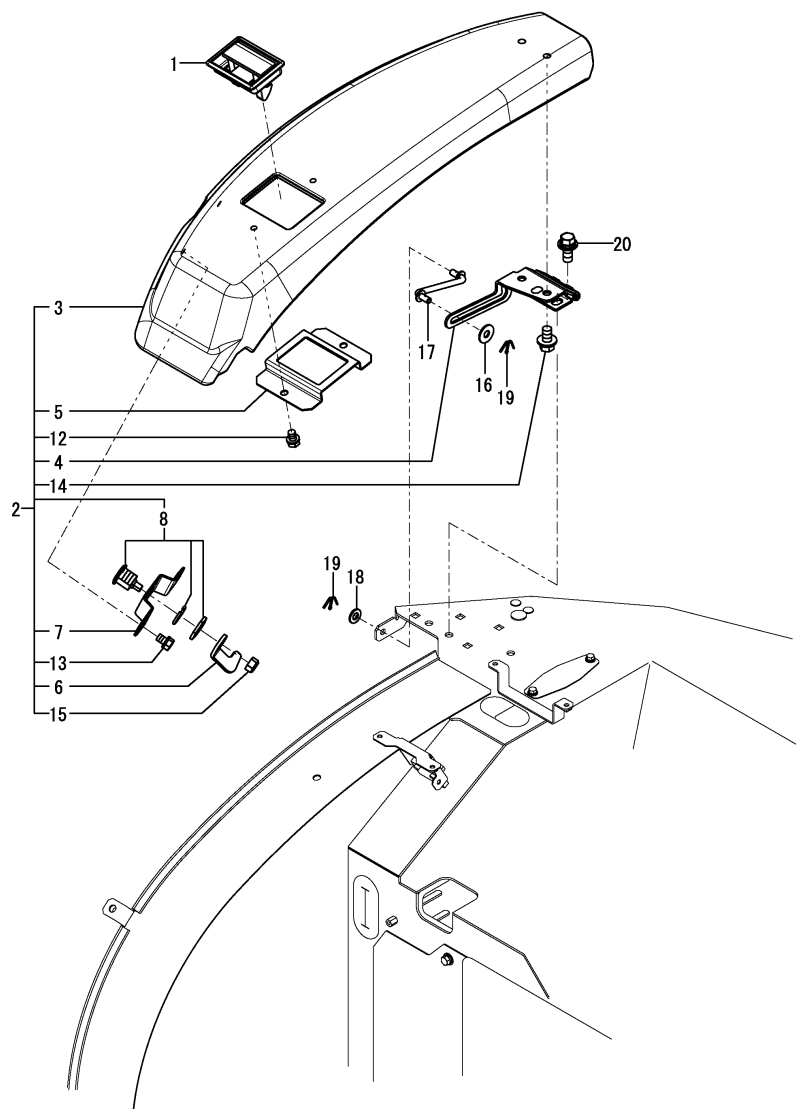
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61610	COVER ASSY, FRONT	1							
1-1	1	172B03-61610-1 (A=M6N952)	COVER ASSY, FRONT	1							S
2	1	26013-120352	BOLT, M12X 35	2							





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61050	STAY ASSY, MULTI	1							
2	1	172B03-61070	STAY ASSY, MULTI A B	1							
3	1	172B03-61090	STAY, HOLDER	1							
4	1	172B03-61200	COVER ASSY, MULTI A	1							
4-1	1	172B03-61200-1	COVER ASSY, MULTI A	1							S
		(A=M6N952)									
6	2	172B03-61450	SEAL, MULTI A	1							
7	2	172B03-61480	SPONGE, MULTI A	1							
8	1	172B03-61230	COVER ASSY, MULTI B	1							
8-1	1	172B03-61230-1	COVER ASSY, MULTI B	1							S
		(A=M6N952)									
10	2	172B03-61460	SEAL, MULTI B	1							
11	2	172137-66230	GROMMET	1							
12	1	172B03-61260	COVER ASSY, MULTI C	1							
12-1	1	172B03-61260-1	COVER ASSY, MULTI C	1							S
		(A=M6N952)									
14	2	172B03-61470	SEAL, MULTI C	1							
15	2	172B03-61490	SPONGE, MULTI C	1							
16	2	172137-66230	GROMMET	1							
17	1	198220-61480	HOLDER, ROD	1							
18	1	198220-61480	HOLDER, ROD	1							
19	1	172B03-61540	HINGE ASSY, MULTI	1							
19-1	1	172B03-61540-1	HINGE ASSY, MULTI	1							S
		(A=M6N952)									
20	1	172B03-61540	HINGE ASSY, MULTI	1							
20-1	1	172B03-61540-1	HINGE ASSY, MULTI	1							S
		(A=M6N952)									
21	1	172448-65490	SHAFT, HINGE	1							
22	1	172448-65490	SHAFT, HINGE	1							
23	1	22272-000070	RING, E- 7	1							
24	1	22272-000070	RING, E- 7	1							
25	1	26013-100202	BOLT, M10X 20	2							
26	1	26014-100202	BOLT, M10X 20	2							
27	1	26014-100202	BOLT, M10X 20	2							
28	1	26014-100252	BOLT, M10X 25	2							
29	1	26014-100252	BOLT, M10X 25	2							
30	1	26014-100252	BOLT, M10X 25	2							
31	1	26014-100252	BOLT, M10X 25	1							
32	1	26023-050102	SCREW, M5X10	2							
33	1	26023-050102	SCREW, M5X10	2							



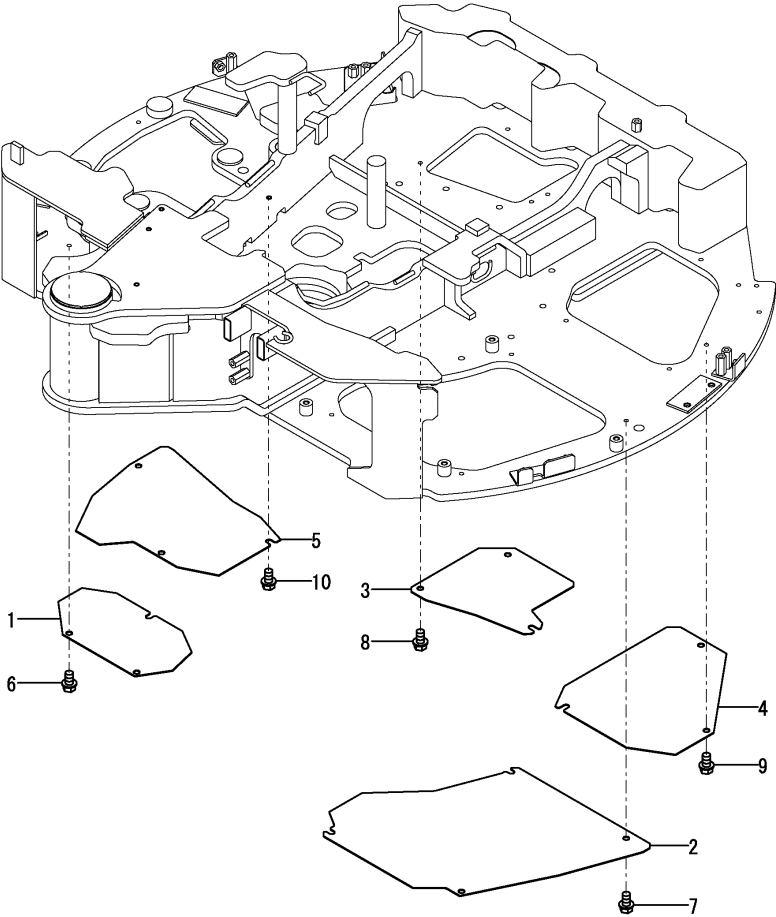
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61421	HANDLE, LOCK	1							1
1-1	1	172B02-69040	HANDLE, LOCK BLACK	1							S 2
		(A=MAF001)									
2	1	172B03-61810	COVER ASSY	1							
3	2	172B03-61820	COVER	1							
4	2	172B03-61830	HINGE ASSY, COVER B	1							
5	2	172A46-61940	STAY, CATCH	1							
6	2	172B03-61950	STAY, KEY	1							
7	2	172B03-61960	LOCK, PLATE	1							
8	2	172B03-66170	CYLINDER ASSY, KEY	1							
12	2	26013-080122	BOLT, SPRING M8X 12	2							
13	2	26013-080122	BOLT, SPRING M8X 12	2							
14	2	26014-100202	BOLT, M10X 20	2							
15	2	26347-100002	NUT, M10	1							
16	1	1A1380-62160	WASHER, BELT COVER	1							
17	1	172444-65190	ROD ASSY, STOPPER	1							
18	1	22137-080000	WASHER, 8	1							
19	1	22417-200200	PIN, COTTER 2.0X20	2							
20	1	26014-100252	BOLT, M10X 25	2							

Remarks
(1)Color = DARK OLIVE GRAY.
(2)Color = BLACK.

Fig.49. COVER(TURNING FRAME)

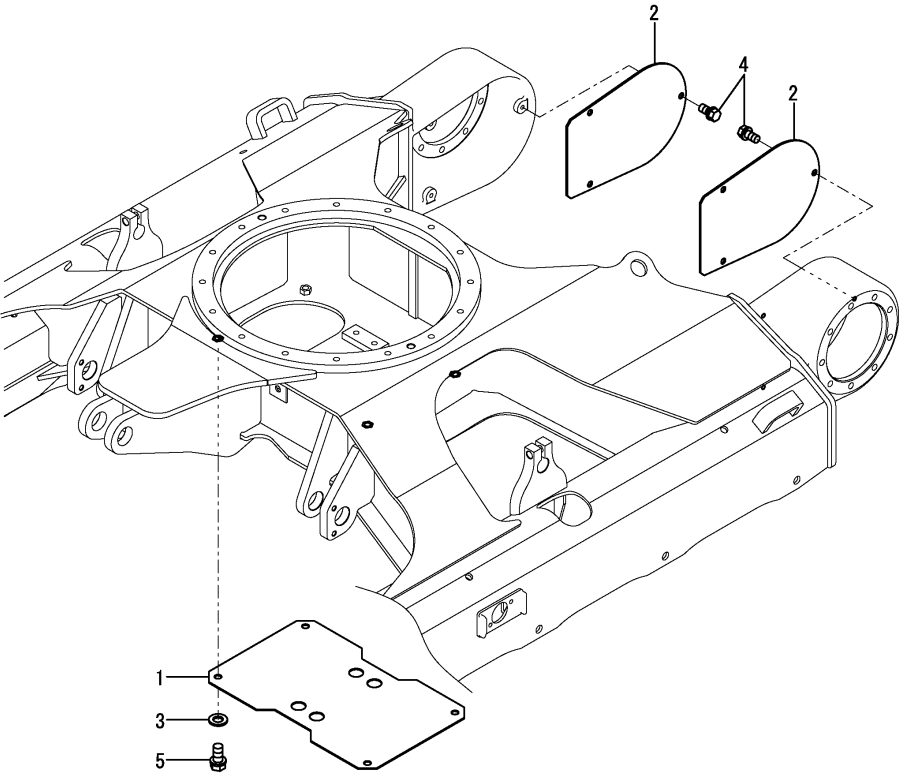
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



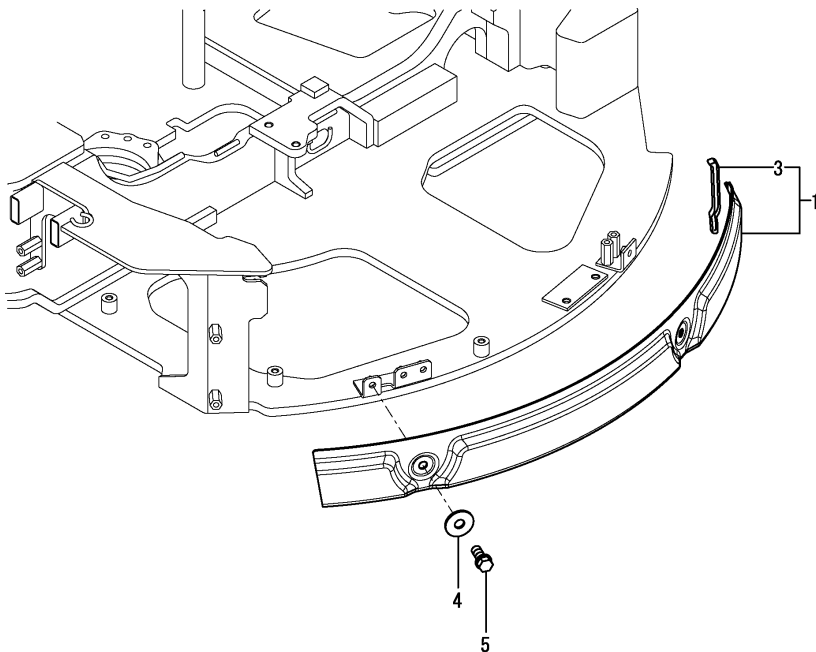
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61400	COVER, FUEL	1							
2	1	172B03-61410	COVER, VALVE STAND	1							
3	1	172B02-61420	COVER, OIL SUMP	1							
4	1	172B02-61430	COVER, PUMP	1							
5	1	172B03-61440	COVER, RESERVOIR	1							
6	1	26106-100162	BOLT, M10X 16 PLATED	3							
7	1	26106-100162	BOLT, M10X 16 PLATED	4							
8	1	26106-100162	BOLT, M10X 16 PLATED	3							
9	1	26106-100162	BOLT, M10X 16 PLATED	3							
10	1	26106-100162	BOLT, M10X 16 PLATED	3							

Fig.50. COVER(TRAVEL FRAME)



(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-50760	COVER	1							
2	1	172A46-61460	COVER, TRAVEL	2							
3	1	22137-120000	WASHER, 12	4							
4	1	26013-100202	BOLT, M10X 20	6							
5	1	26013-120252	BOLT, M12X 25	4							



No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61010	GUARD ASSY, FRAME L	1							
3	2	172434-611170	TRIM	1							
4	1	22157-100000	WASHER, 10	2							
5	1	26013-100252	BOLT, M10X 25	2							

(D)=

$$(E)=$$
$$(F)=$$

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B03-61110	GUARD ASSY, FRAME R	1					
2	2	172444-17620	SEAL	1					
4	1	22157-100000	WASHER, 10	2					
5	1	26013-100252	BOLT, M10X 25	2					

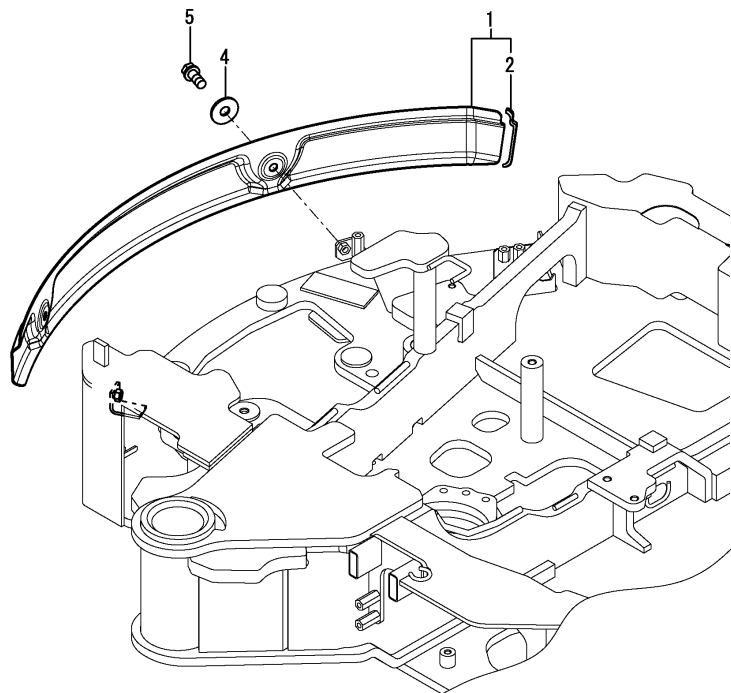


Fig.53. COVER(TURNING FRAME)(FRONT - LEFT)

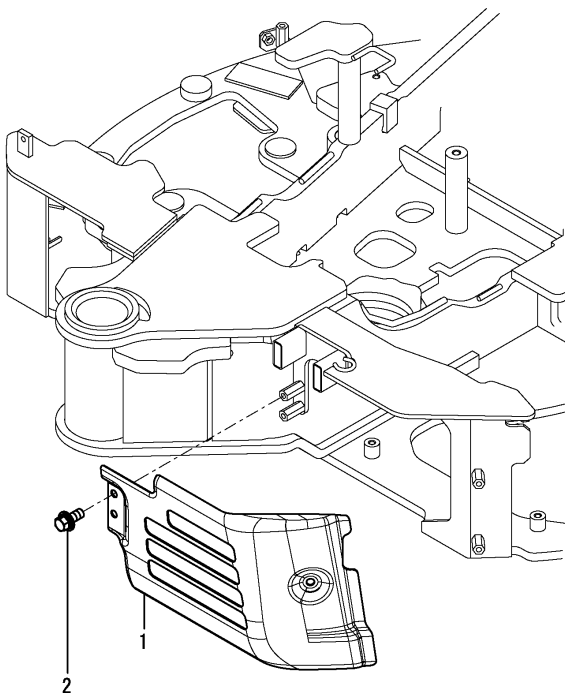
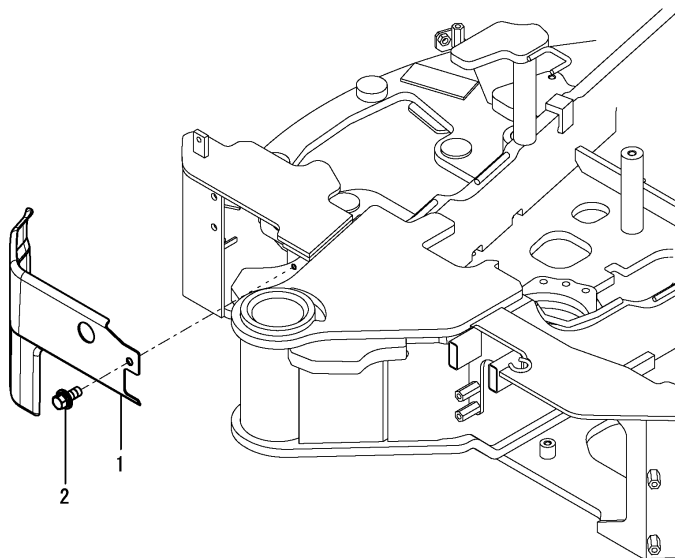
[illegible]

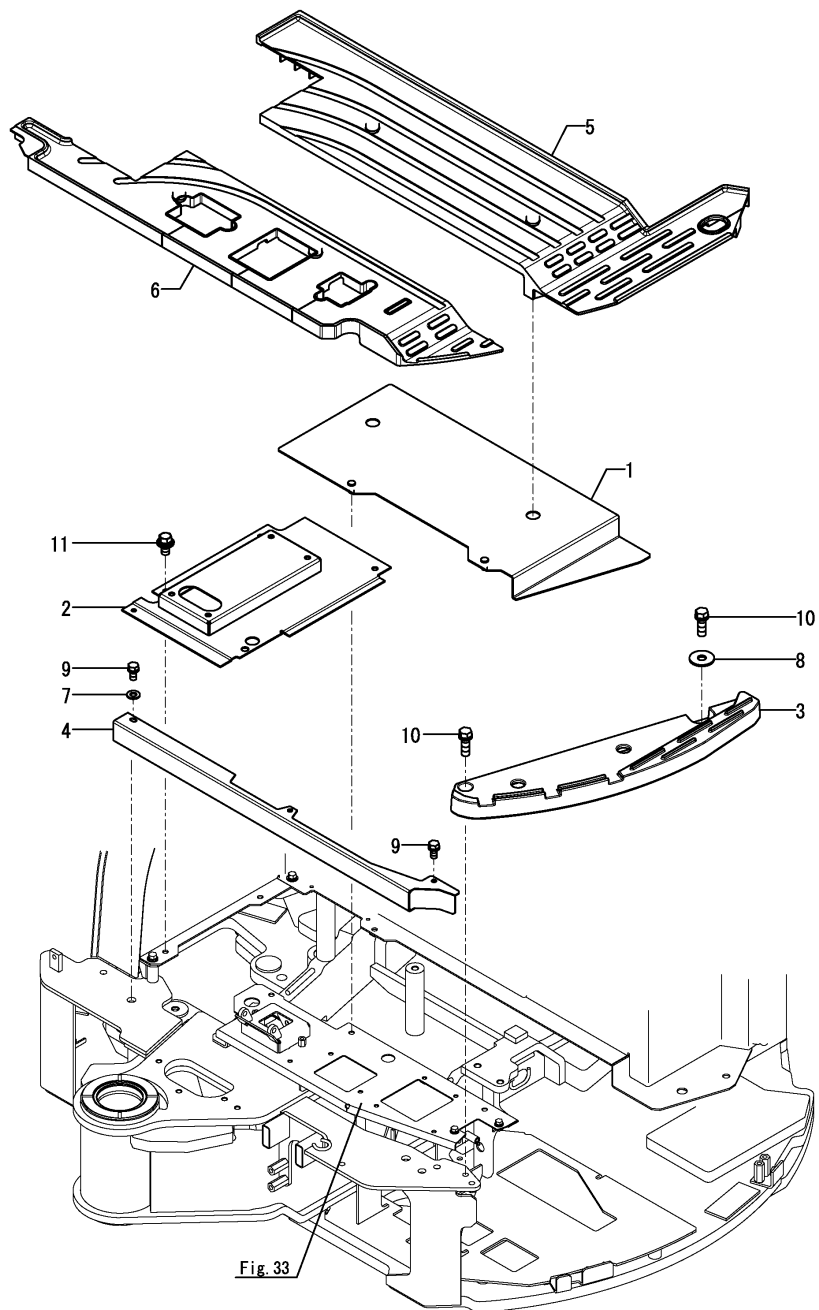
Fig.54. COVER(TURNING FRAME)(FRONT - RIGHT)

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-62050	STEP ASSY	1							
1-1	1	172B71-62620	STEP ASSY	1							R
		(A=MAF014)									
2	1	172B03-62100	MAT, FLOOR A P	1							
3	1	172B03-62120	FLOOR MAT, B P EX	1							
4	1	172B03-62200	STEP ASSY, CANOPY R	1							
5	1	172B03-62500	STEP, NON SLIP P	1							
6	1	172B03-62700	COVER ASSY, CANOPY F	1							
7	1	22137-080000	WASHER, 8	1							
8	1	22157-100000	WASHER, 10	1							
9	1	26013-080162	BOLT, M8X 16	3							
10	1	26013-100302	BOLT, M10X 30	2							
11	1	26014-100202	BOLT, M10X 20	4							

Fig.129. (55A)STEP(HEATER SPEC.)(P.T.O. LEVER SWITCH SPEC.)



(A)=VIO30-6A P(KR)

$$(B)=$$

(C)=

(D)=

$$(E)=$$
$$(F)=$$

Q'ty

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-62050	STEP ASSY	1							
1-1	1	172B71-62620	STEP ASSY	1							R
		(A=M60515)									
2	1	172B03-62400	STEP ASSY, R CNP H	1							
3	1	172B03-62500	STEP, NON SLIP P	1							
4	1	172B03-62700	COVER ASSY, CANOPY F	1							
5	1	172B03-62800	FLOOR MAT, A 2P H	1							
6	1	172B03-62820	FLOOR MAT, B 2P H EX	1							
7	1	22137-080000	WASHER, 8	1							
8	1	22157-100000	WASHER, 10	1							
9	1	26013-080162	BOLT, M8X 16	3							
10	1	26013-100302	BOLT, M10X 30	2							
11	1	26014-100202	BOLT, M10X 20	4							

Fig.138. (55B)STEP(P.T.O. FOOT PEDAL SPEC.)

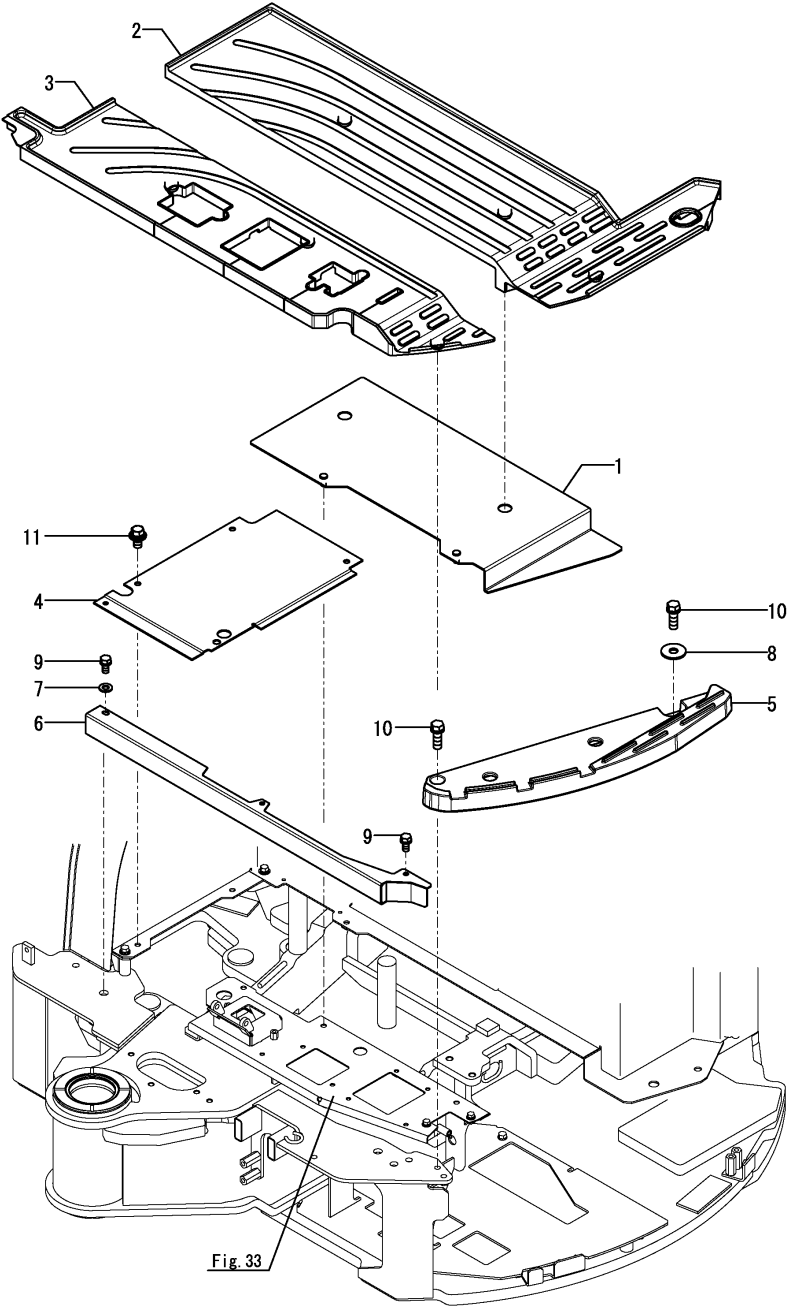


Fig. 33

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-62050	STEP ASSY	1							
1-1	1	172B71-62620	STEP ASSY	1							R
(A=MAF014)											
2	1	172B03-62100	MAT, FLOOR A P	1							
3	1	172B03-62110	MAT, FLOOR B P	1							
4	1	172B03-62200	STEP ASSY, CANOPY R	1							
5	1	172B03-62500	STEP, NON SLIP P	1							
6	1	172B03-62700	COVER ASSY, CANOPY F	1							
7	1	22137-080000	WASHER, 8	1							
8	1	22157-100000	WASHER, 10	1							
9	1	26013-080162	BOLT, M8X 16	3							
10	1	26013-100302	BOLT, M10X 30	2							
11	1	26014-100202	BOLT, M10X 20	4							

Fig.139. (55C)STEP(HEATER SPEC.)(P.T.O. FOOT PEDAL SPEC.)

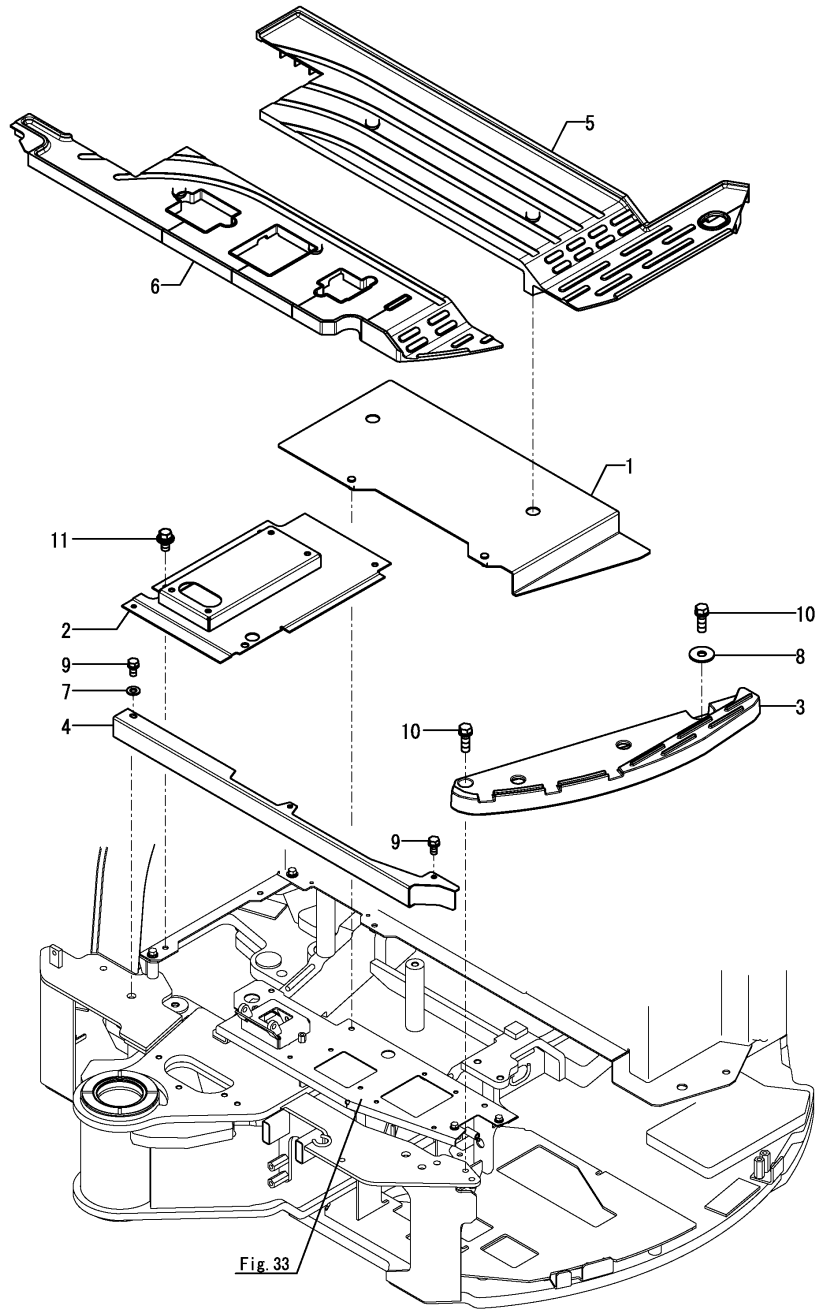


Fig. 33

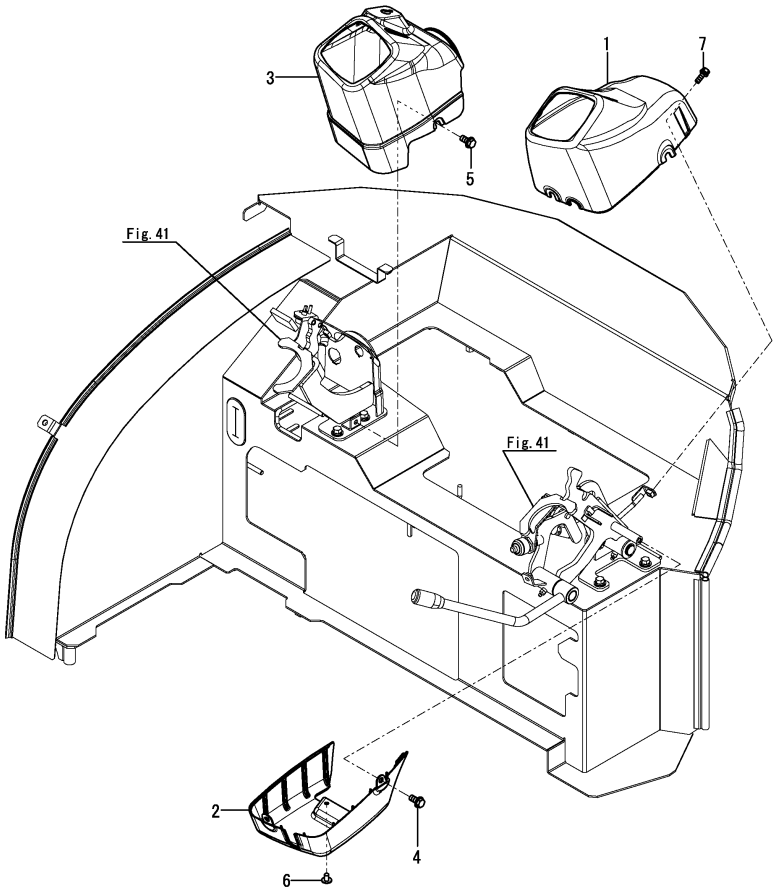
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D) (E) (F)	I	R
1	1	172B03-62050	STEP ASSY	1					
1-1	1	172B71-62620	STEP ASSY	1					R
(A=MAF014)									
2	1	172B03-62400	STEP ASSY, R CNP H	1					
3	1	172B03-62500	STEP, NON SLIP P	1					
4	1	172B03-62700	COVER ASSY, CANOPY F	1					
5	1	172B03-62800	FLOOR MAT, A 2P H	1					
6	1	172B03-62810	FLOOR MAT, B 2P H	1					
7	1	22137-080000	WASHER, 8	1					
8	1	22157-100000	WASHER, 10	1					
9	1	26013-080162	BOLT, M8X 16	3					
10	1	26013-100302	BOLT, M10X 30	2					
11	1	26014-100202	BOLT, M10X 20	4					

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All RightsReserved.

Fig.56. COVER(LEVER)(P.T.O. LEVER SWITCH SPEC.)

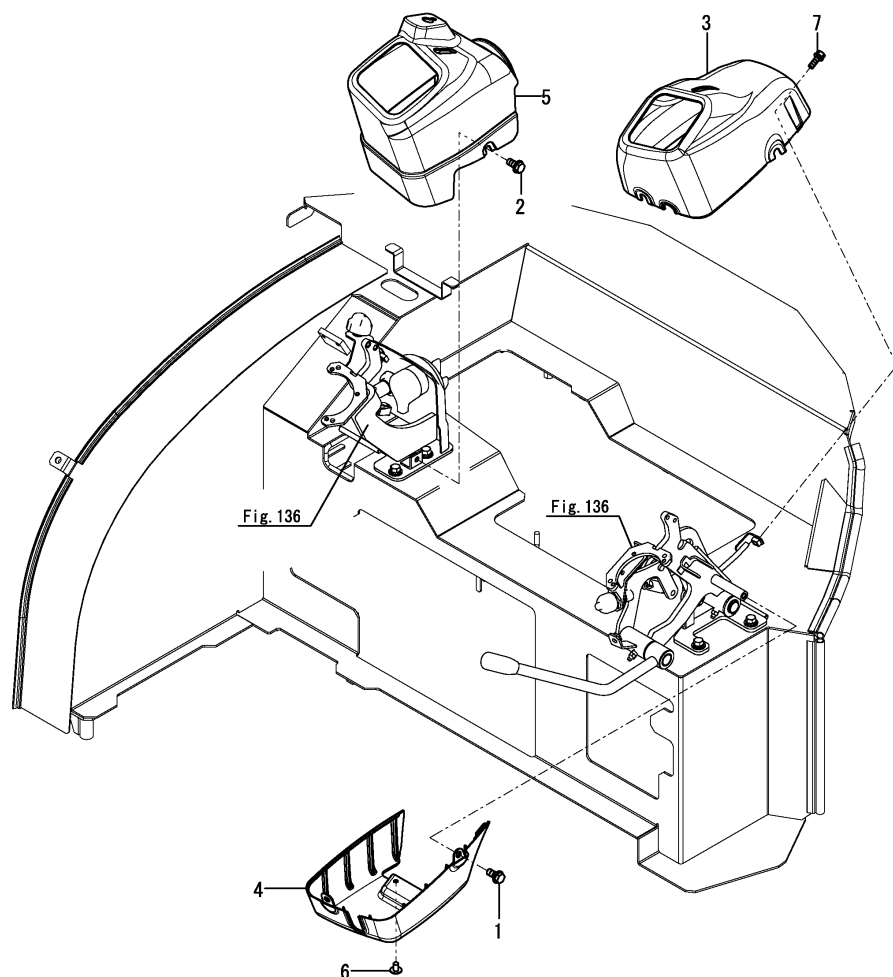


Remarks
(1)Color = WORM GRAY.
(2)Color = DARK OLIVE GRAY.
(3)Color = LIGHT GRAY.
(4)Color = PANTONE 425C.
(5)Color = BLACK.

(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-63110	COVER, LEVER	1							1
1-1	1	172B03-63610	COVER, LEVER L UP-S D	1						S	4
(A=MAF001)											
2	1	172B03-63120	COVER, LEVER	1							2
2-1	1	172B03-63620	COVER, LEVER L LOW D	1						S	4
(A=MAF001)											
3	1	172B03-63130	COVER, LEVER	1							1
3-1	1	172B03-63630	COVER, LEVER R D	1						S	4
(A=MAF001)											
4	1	172519-63240	BOLT	3							
4-1	1	172519-63240	BOLT, M8X16	2						K	
(A=*2017.11.)											
5	1	172519-63240	BOLT	2							
6	1	1A8110-84210	RIVET	1							3
6-1	1	1A8060-84280	RIVET, PUSH	1						S	5
(A=MAF001)											
7	1	172162-68370	BOLT, M8X12	1							W
(A=*2017.11.)											

Fig.140. (56A)COVER(LEVER)(P.T.O. FOOT PEDAL SPEC.)

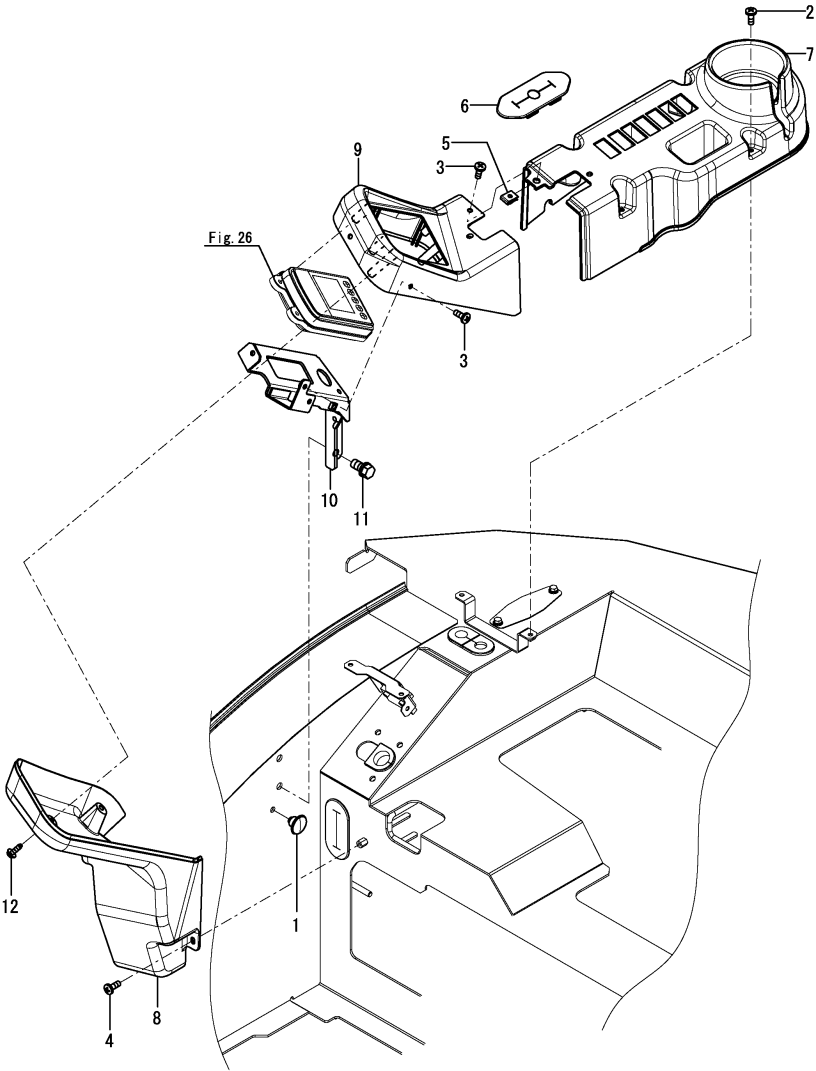


No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172519-63240	BOLT, M8X16	3						
1-1	1	172519-63240	BOLT, M8X16	2						K
(A="2017.11.)										
2	1	172519-63240	BOLT, M8X16	2						
3	1	172B04-63610	COVER, LEVER L UP-S D	1						
4	1	172B03-63620	COVER, LEVER L LOW D	1						
5	1	172B04-63630	COVER, LEVER R-S D	1						
6	1	1A8060-84280	RIVET, PUSH	1						
7	1	172162-68370	BOLT, M8X12	1						W
(A="2017.11.)										

(A)=VIO30-6A P(KR)
(B)=
(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	172B03-63210	COVER, SWITCH	1							1
7-1	1	172B03-63710	COVER, SWITCH P D	1						S	3
(A=MAF001)											
8	1	172B03-63220	COVER, PANEL	1							2
8-1	1	172B03-63720	COVER, I/P LOW-P D	1						S	4
(A=MAF001)											
9	1	172B03-63270	COVER, PANEL	1							1
9-1	1	172B03-63770	COVER, I/P UP-P D	1						S	3
(A=MAF001)											
10	1	172B03-63500	STAY ASSY, PANEL	1							
10-1	1	172B03-63501	STAY ASSY, INPANE	1							N
(A=M60520)											
11	1	26013-100202	BOLT, SPRING M10X 20	2							
12	1	26476-050142	SCREW, TAPPING M5X14	2							



Remarks
(1)Color = WORM GRAY.
(2)Color = DARK OLIVE GRAY.
(3)Color = PANTONE 425C.
(4)Color = NAVY GRAY.

(A)=VIO30-6A P(KR)
(B)=
(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							
2	1	172B03-64200	MOUNT ASSY, SEAT	1							
2-1	1	172B03-64201	MOUNT ASSY, SEAT	1							N
(A=MAF014)											
2-2	1	172B03-64202	MOUNT ASSY, SEAT	1							N
(A=MAF014)											
2-3	1	172B03-64203	MOUNT ASSY, SEAT	1							S
(A=*2022.02)											
3	2	172446-62910	PLATE, RUBBER A	1							
4	2	172B03-63450	GROMMET, CABLE	1							
5	2	172B03-64190	RUBBER, SEAL 420	1							
7	2	172187-64900	PLUG	2							
8	2	172538-65320	RUBBER, SEAL 625	1							
9	2	172164-66480	RUBBER, EDGE 340	1							
10	2	172164-66640	RUBBER, SEAL 400	1							
11	1	172B03-64450	STAY ASSY, BONNET L	1							
12	1	172B03-78050	GUIDE ASSY, HOSE	1							
13	1	22137-100000	WASHER, 10	1							
14	1	26013-080162	BOLT, M8X 16	2							
15	1	26013-080162	BOLT, M8X 16	2							
16	1	26013-100702	BOLT, M10X 70	1							
17	1	26014-100202	BOLT, M10X 20	1							
18	1	26014-100252	BOLT, M10X 25	2							

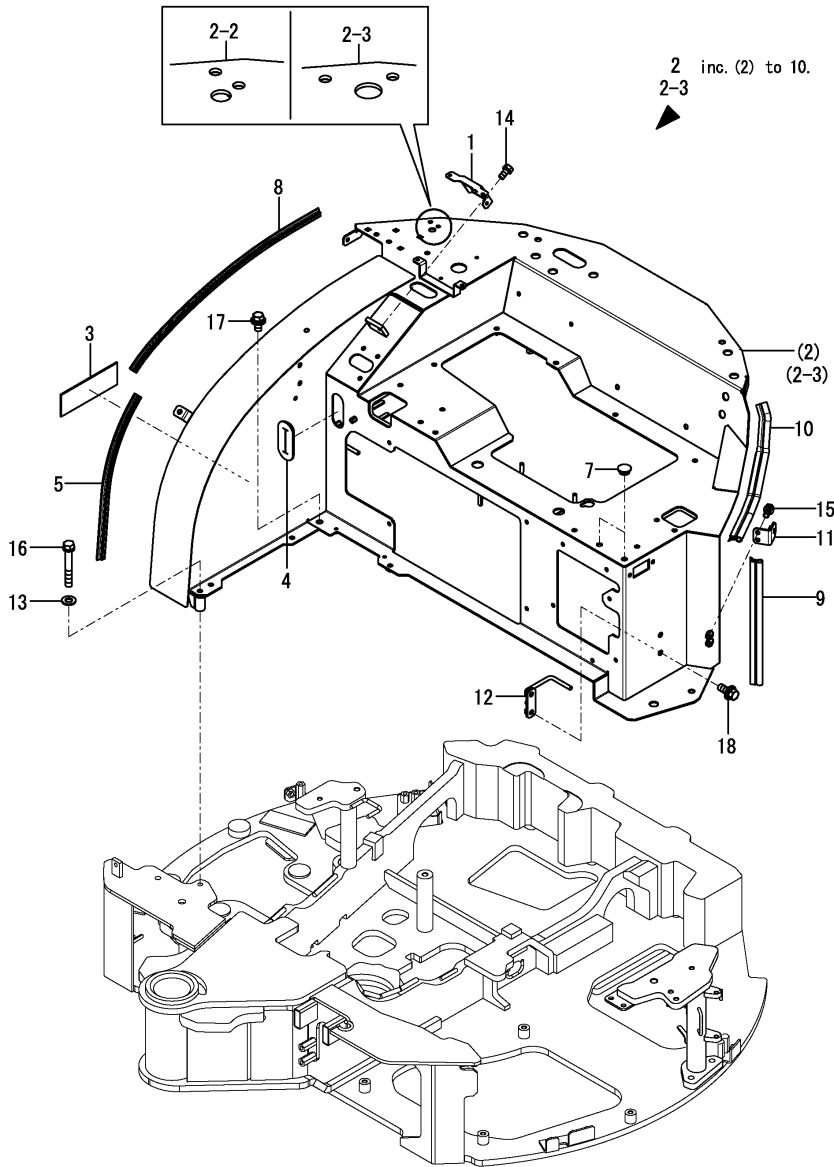
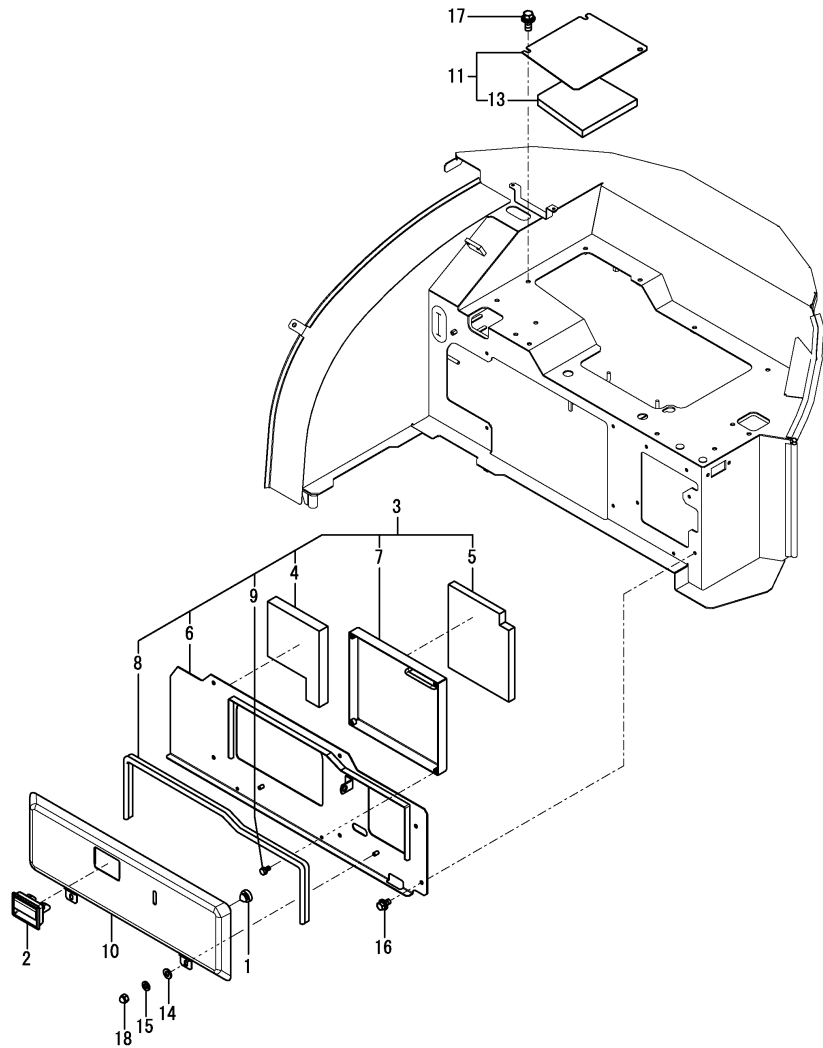


Fig.59. SEAT MOUNT(COVER)



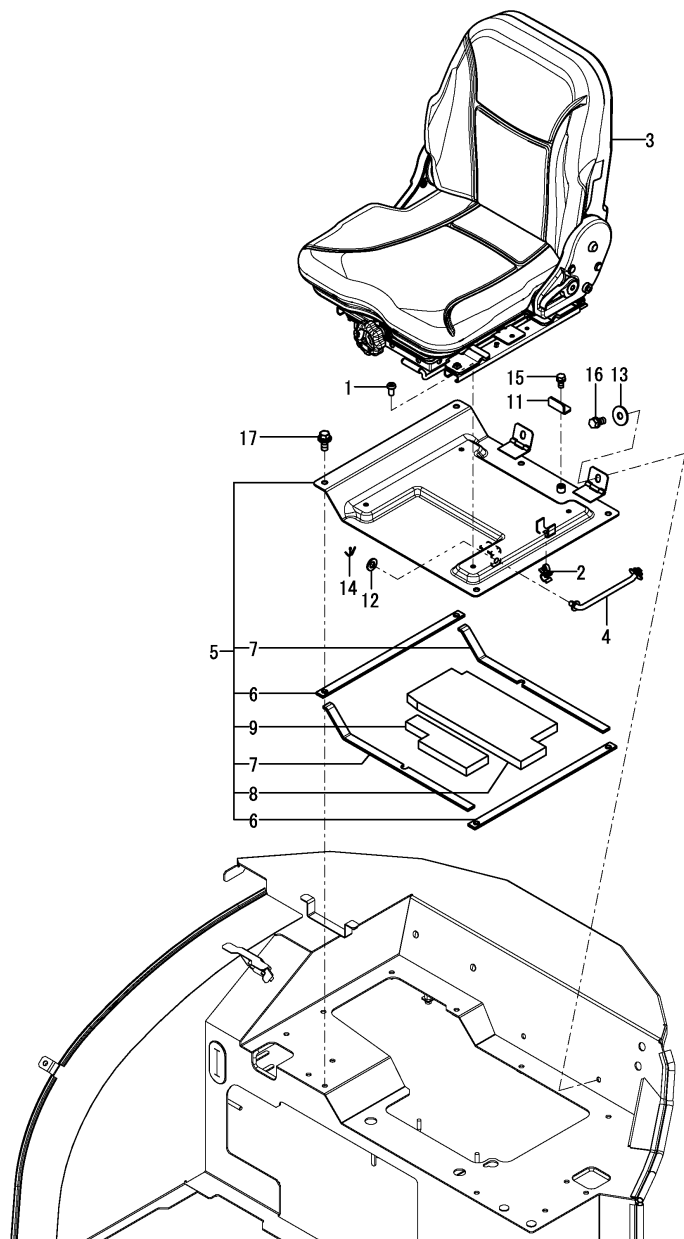
Remarks
(1)Color = DARK OLIVE GRAY.
(2)Color = BLACK.

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	1N1730-61190	RUBBER,CONTACT	1							
2	1	172187-61421	HANDLE, LOCK	1							1
2-1	1	172B02-69040	HANDLE,LOCK BLACK	1						S	2
(A=MAF001)											
3	1	172B03-64500	COVER ASSY, MANUAL	1							
4	2	172B03-64070	SPONGE	1							
5	2	172B03-64080	SPONGE	1							
6	2	172B03-64510	COVER ASSY, MANUAL	1							
7	2	172B03-64570	BOX ASSY, MANUAL	1							
8	2	172458-65070	SEAL	1							
9	2	26013-060122	BOLT, SPRING M6X 12	4							
10	1	172B03-64601	COVER ASSY, MANUAL B	1							
11	1	172B03-64650	COVER ASSY, ENGINE	1							
13	2	172B03-64670	SPONGE	1							
14	1	22137-080000	WASHER, 8	2							
15	1	22217-080000	WASHER, SPRING 8	2							
16	1	26014-080162	BOLT, M8X 16	6							
17	1	26014-100252	BOLT, M10X 25	2							
18	1	26657-080002	NUT, CAP M8	2							

Fig.60. SEAT



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

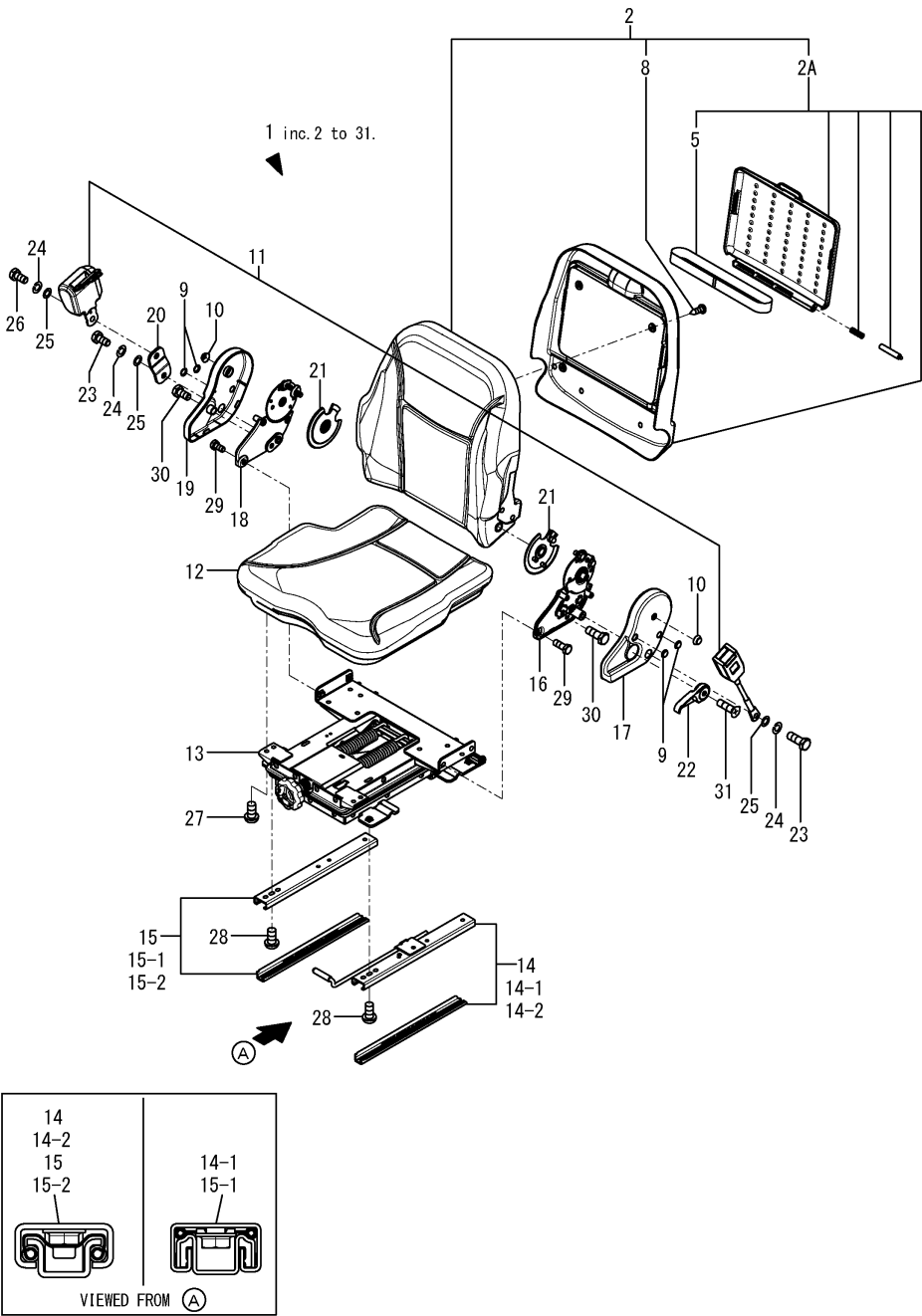
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-61710	BOLT, BUTTON 8X16	4							
2	1	1A7610-62250	HOLDER, ROD 10	1							
3	1	172B02-64800	SEAT ASSY, SUS	1							1
3-1	1	172B02-64801	SEAT ASSY,SUS	1						N	1
		(A=*2022.08)									
4	1	172B03-64831	ROD ASSY, STOPPER	1							
4-1	1	172B03-64832	ROD ASSY, STOPPER	1							N
		(A=MAF014)									
5	1	172B03-64850	PLATE ASSY, SEAT SUS	1							
6	2	172B03-64010	SEAL, SEAT	2							
6-1	2	172B03-64090	SEAL, SEAT A	2							N
		(A=*2023.05)									
7	2	172B03-64020	SEAL, SEAT	2							
7-1	2	172B03-64100	SEAL, SEAT B	2							N
		(A=*2023.05)									
8	2	172B03-64030	SPONGE, SEAT SUS A	1							
9	2	172B03-64040	SPONGE, SEAT SUS B	1							
11	1	172B03-64960	PLATE, STOPPER	1							
12	1	22137-100000	WASHER, 10	1							
13	1	22157-100000	WASHER, 10	2							
14	1	22417-200200	PIN, COTTER 2.0X20	1							
15	1	26013-080162	BOLT, M8X 16	1							
16	1	26013-100202	BOLT, M10X 20	2							
17	1	26014-100252	BOLT, M10X 25	5							

Remarks

(1) Inner parts are shown in Fig.61.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.61. SEAT(INNER PARTS)



(A)=VIO30-6A P(KR)
(B)=
(C)=

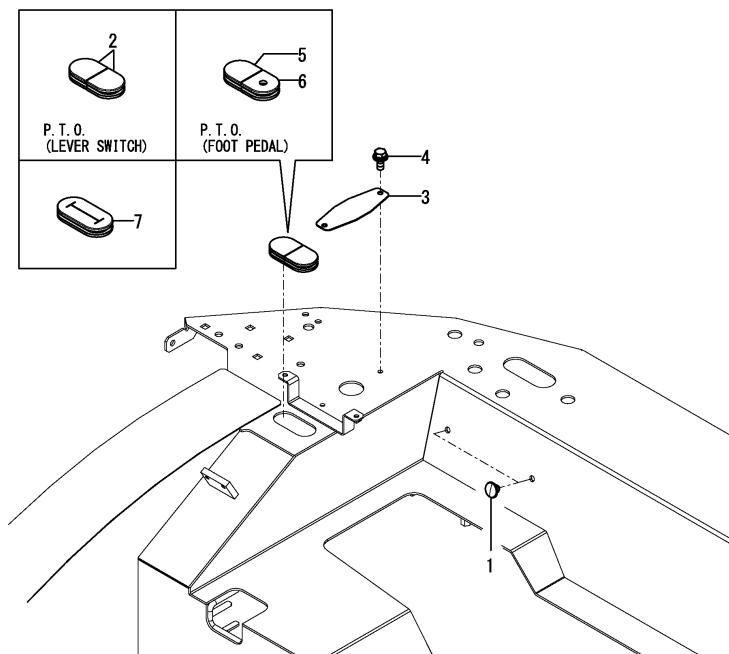
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-64800	SEAT ASSY, SUS	1							
1-1	1	172B02-64801	SEAT ASSY,SUS	1						N	
(A=*2022.08)											
2	2	172B02-64210	SEAT ASSY, BACK	1							
2A	3	172B02-64270	BOX ASSY,MANUAL	1						W	
(A=*2017.04.)											
5	4	172A89-64950	BAND	1							
8	3	22859-500160	SCREW, 5X16	4							
8-1	3	22859-500200	SCREW, 5.0 X 20	4						N	
(A=*2017.04.)											
8-2	3	22857-500200	SCREW 5X20	4						R	
(A=MAF014)											
9	2	172B02-64250	CAP, B	4							
10	2	172B02-64260	CAP, C	2							
11	2	172A89-64740	SEATBELT ASSY	1							
12	2	172A89-64780	SEAT, CUSHION	1							
13	2	172A89-64790	SEAT, SPRING	1							
14	2	172A89-64800	RAIL ASSY, TL	1							
14-1	2	172B02-64900	RAIL ASSY, L	1						S	
(A=*2022.08)											
14-2	2	172A89-64800	RAIL ASSY, TL	1						S	
(A=*2023.02)											
15	2	172A89-64810	RAIL ASSY, TR	1							
15-1	2	172B02-64910	RAIL ASSY, R	1						S	
(A=*2022.08)											
15-2	2	172A89-64810	RAIL ASSY, TR	1						S	
(A=*2023.02)											
16	2	172A89-64820	HINGE ASSY	1							
17	2	172A89-64830	COVER	1							
18	2	172A89-64840	HINGE ASSY	1							
19	2	172A89-64850	COVER	1							
20	2	172A89-64860	BRACKET ASSY	1							
21	2	172A89-64870	COVER	2							
22	2	172A89-64880	LEVER	1							
23	2	172A89-64890	BOLT	2							
24	2	172A89-64900	SPRING	3							
25	2	172A89-64910	WASHER	3							
26	2	172A89-64920	BOLT	1							
27	2	26106-080162	BOLT, M8X 16 PLATED	4							
28	2	26106-080162	BOLT, M8X 16 PLATED	4							
29	2	26106-100162	BOLT, M10X 16 PLATED	6							
30	2	26106-100252	BOLT, M10X 25 PLATED	2							
31	2	26559-050202	SCREW, M5X20	1							
31-1	2	26557-050202	SCREW, M5X20	1						R	
(A=MAF014)											

(D)=

$$(E)=$$

(F)=



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172444-17660	CLIP, TREE 8	2							
2	1	172165-62830	GROMMET	2							1
3	1	172B03-64990	PLATE, COVER	1							
4	1	26014-060162	BOLT, M6X 16	2							
5	1	172165-62830 (A=MAF014)	GROMMET	1						Z	2
6	1	172165-62810 (A=MAF014)	GROMMET, 10	1						Z	2
7	1	172B03-62860 (A=MAF014)	GROMMET	1						W	

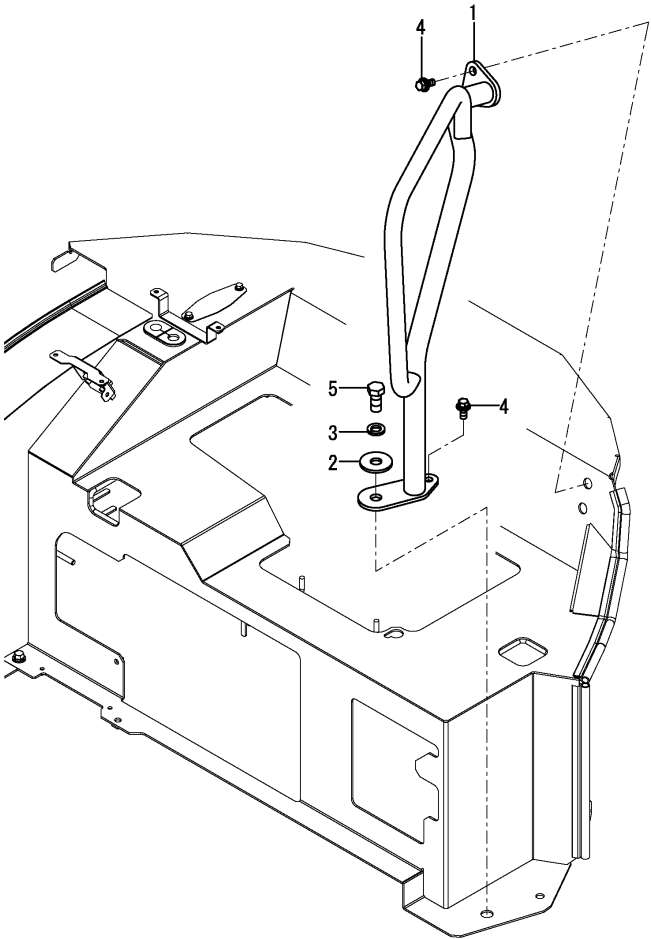
(1)P.T.O.(Lever switch) specification.
(2)P.T.O.(Foot pedal) specification.

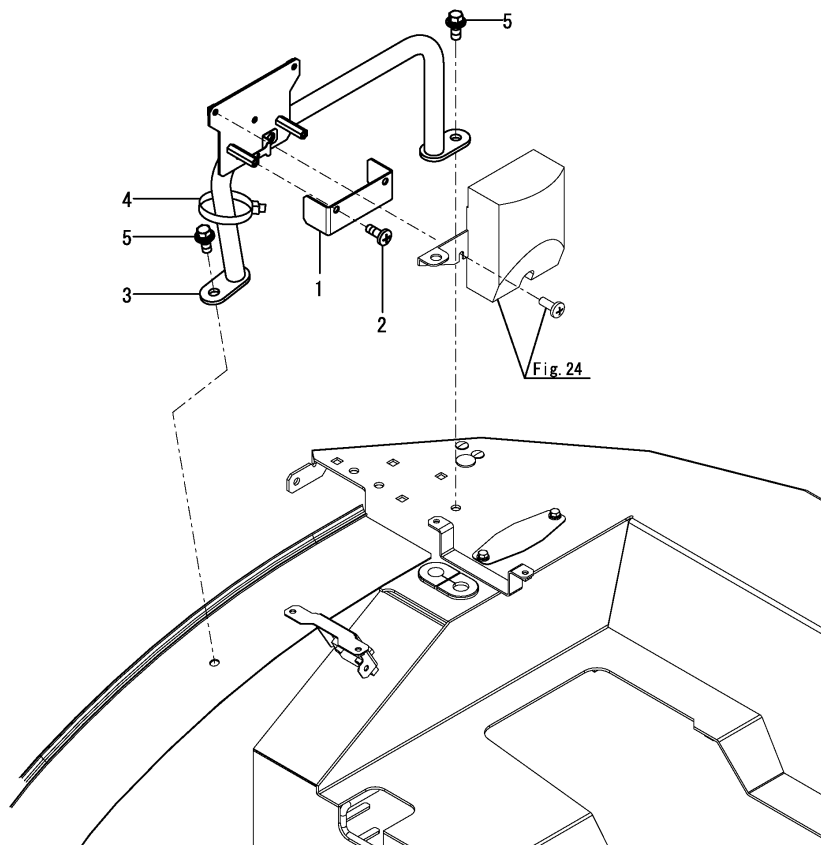
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

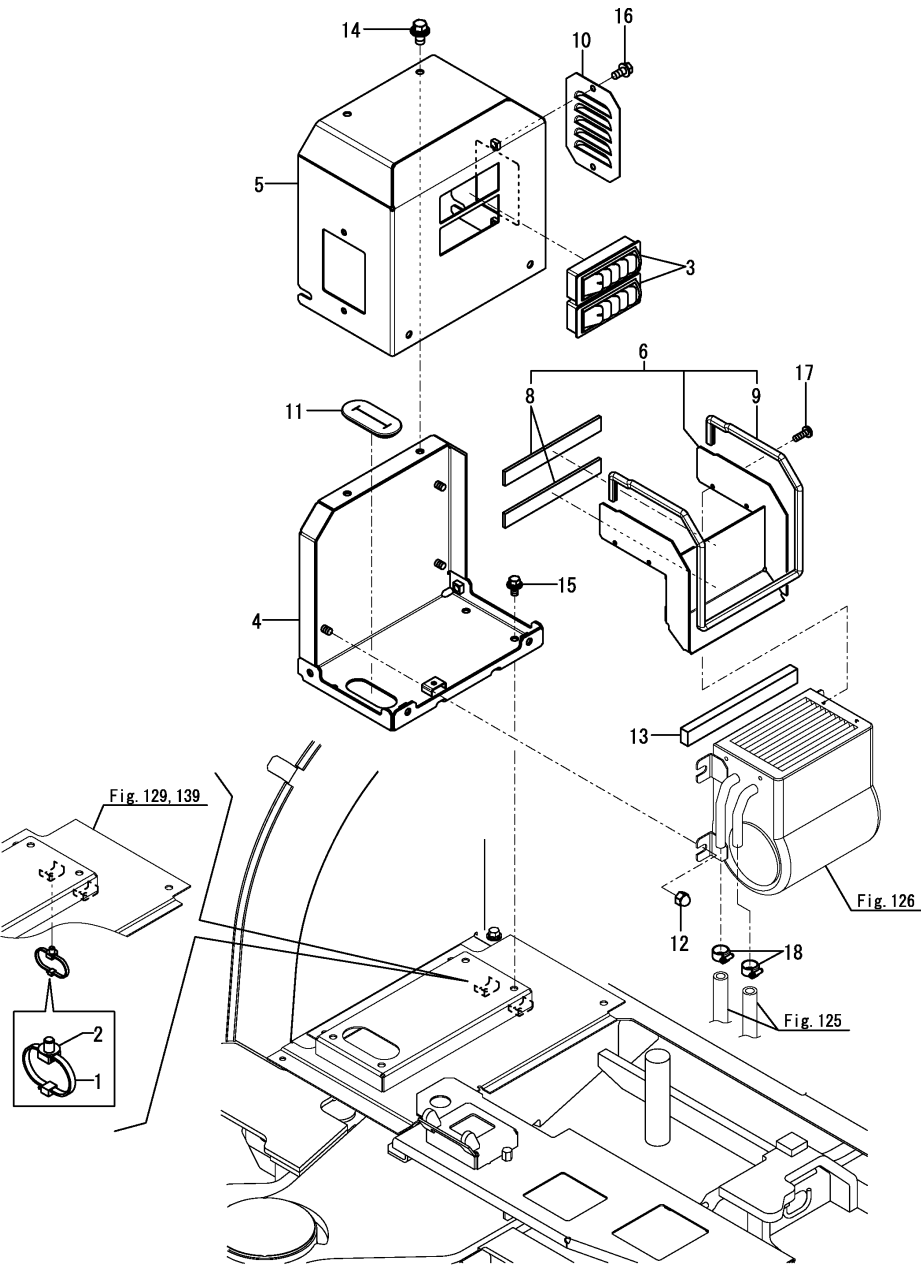
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-64700	HANDRAIL ASSY	1							
2	1	22157-160000	WASHER, 16	1							
3	1	22217-160000	WASHER, SPRING 16	1							
4	1	26014-100252	BOLT, M10X 25	3							
5	1	26116-160352	BOLT, M16X 35 PLATED	1							





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							

OCK50-M00290 AROUND SEAT
Fig.127. (64A)COVER(HEATER)



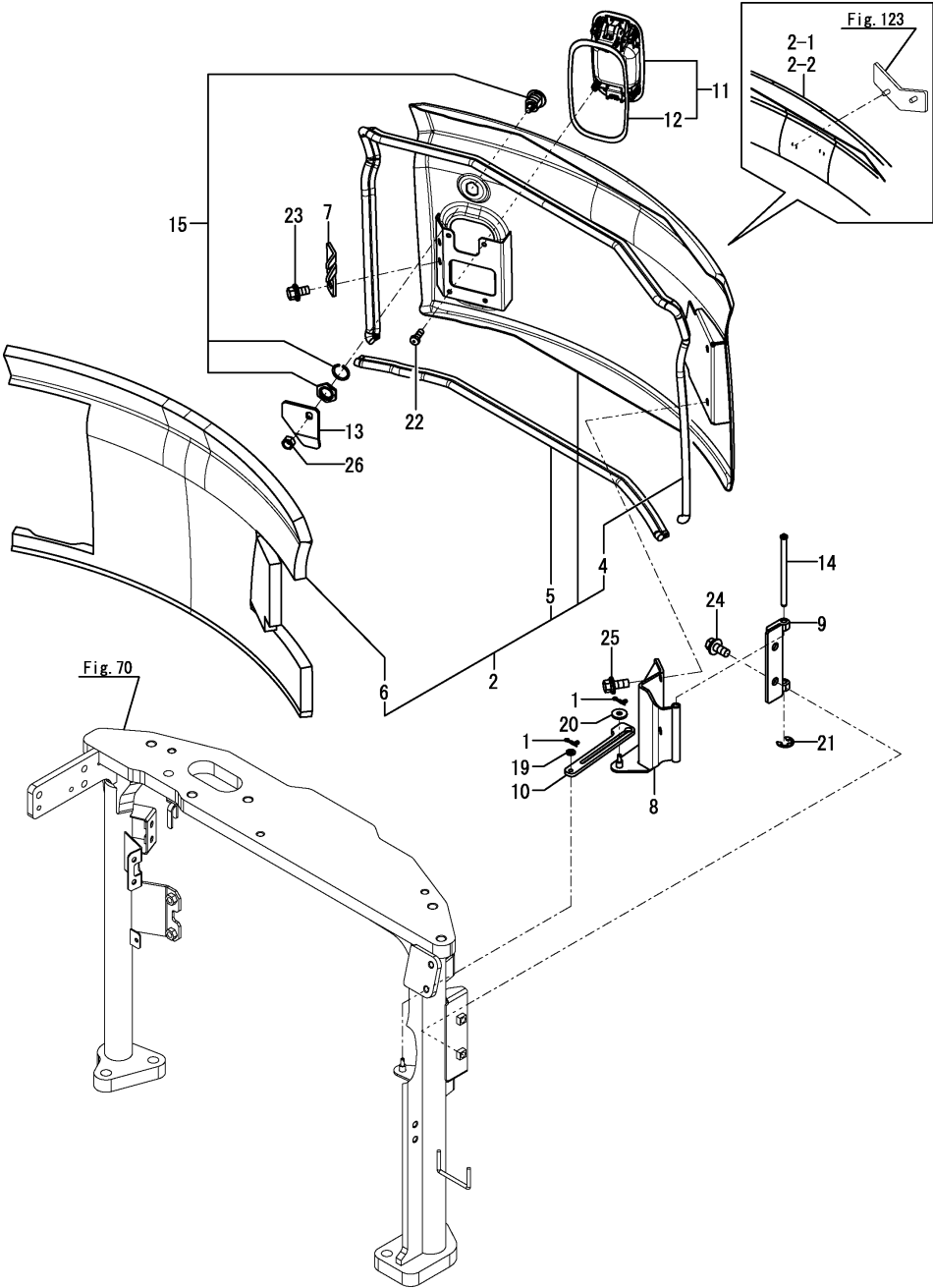
(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	172B04-13040	CLIP, TREE	1							
3	1	172458-17700	GRILLE	2							
4	1	172B03-18110	BASE ASSY, HEATER P	1							
5	1	172B03-18220	COVER ASSY, HEATERP	1							
6	1	172B03-18260	DUCT ASSY, HEATER P	1							
8	2	172544-53410	SEAL, 197	2							
9	2	172445-63450	RUBBER	1							
10	1	172B11-18780	LOUVER	2							
11	1	172B03-63450	GROMMET	1							
12	1	172458-63470	NUT, CAP	3							
13	1	172A50-68810	SEAL	1							
14	1	26014-100202	BOLT, M10X 20	6							
15	1	26014-100202	BOLT, M10X 20	4							
16	1	26106-080162	BOLT, M8X 16 PLATED	4							
17	1	26587-040122	SCREW, M4X12	4							
17-1	1	22877-400120	SCREW, 4.0 X 12	4							N
(A=*2019.09)											
18	1	23080-018000	CLAMP, 18	2							
18-1	1	23001-022000	CLAMP, HOSE 22	2							N
(A=*2017.04.)											

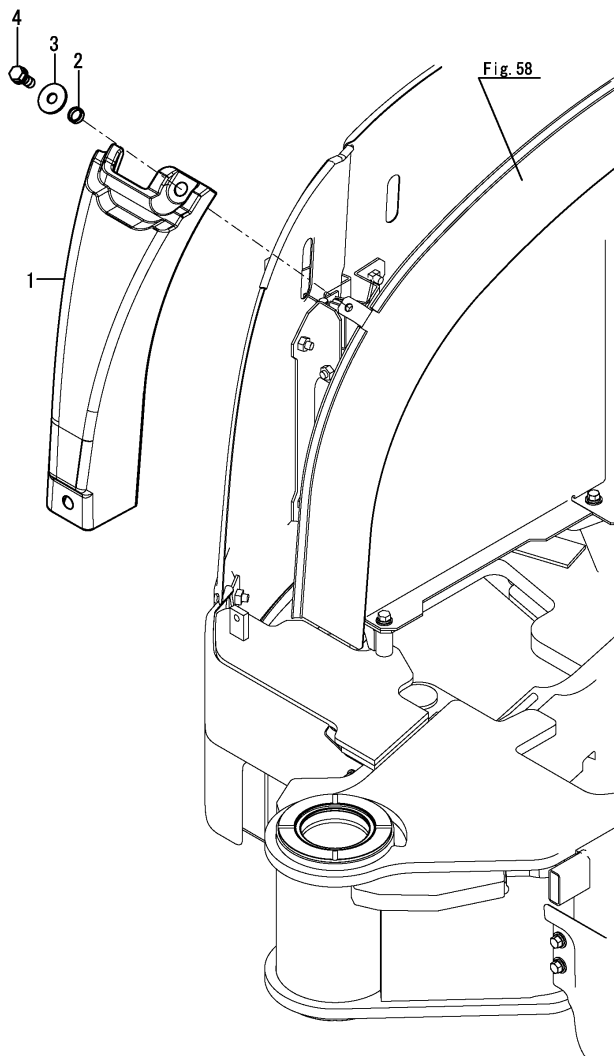
Fig.65. BONNET(REAR)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

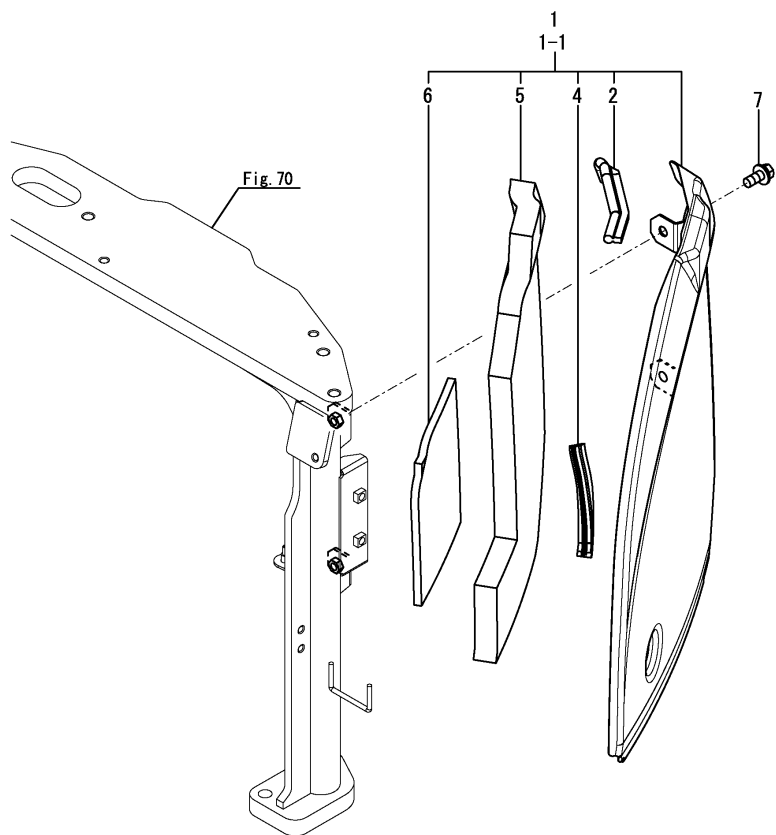


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6281-52310	PIN, SNAP 6	2							
2	1	172B03-65100	BONNET ASSY, A	1							
2-1	1	172B02-65100	BONNET ASSY, A-FY	1							S
(A=MAF001)											
2-2	1	172B02-65100-1	BONNET ASSY, A-FY	1							S
(A=M6N952)											
4	2	172B03-65320	SEAL, 1625	1							
5	2	172B03-65330	SEAL, 735	1							
6	2	172B03-65340	SPONGE, BONNET A	1							
7	1	172B03-65170	GUIDE, BONNET	1							
8	1	172B03-65200	HINGE ASSY, B	1							
9	1	172B03-65250	HINGE ASSY, A	1							
10	1	172B03-65290	GUIDE, LOCK	1							
11	1	172B03-65310	HANDLE, LOCK	1							
11-1	1	172B82-65310	HANDLE ASSY, LOCK A	1							R
(A=*2024.10)											
12	2	172B02-65350	SEAL	1							Z
(A=*2024.10)											
13	1	172B03-65391	PLATE, KEY LOCK	1							
14	1	172448-65490	SHAFT, HINGE	1							
15	1	172B03-66170	CYLINDER ASSY, KEY	1							
19	1	22117-060000	WASHER, 6	1							
20	1	22157-060000	WASHER, 6	1							
21	1	22272-000070	RING, E- 7	1							
22	1	22857-600160	SCREW, 6X16	4							
23	1	26014-100202	BOLT, M10X 20	2							
24	1	26014-100252	BOLT, M10X 25	2							
25	1	26014-100252	BOLT, M10X 25	2							
26	1	26347-100002	NUT, M10	1							



No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-65410	BONNET, B BLACK	1							
2	1	172A47-65550	COLLAR	2							
3	1	22157-100000	WASHER, 10	2							
4	1	26013-100252	BOLT, M10X 25	2							

Fig.67. BONNET(LEFT)

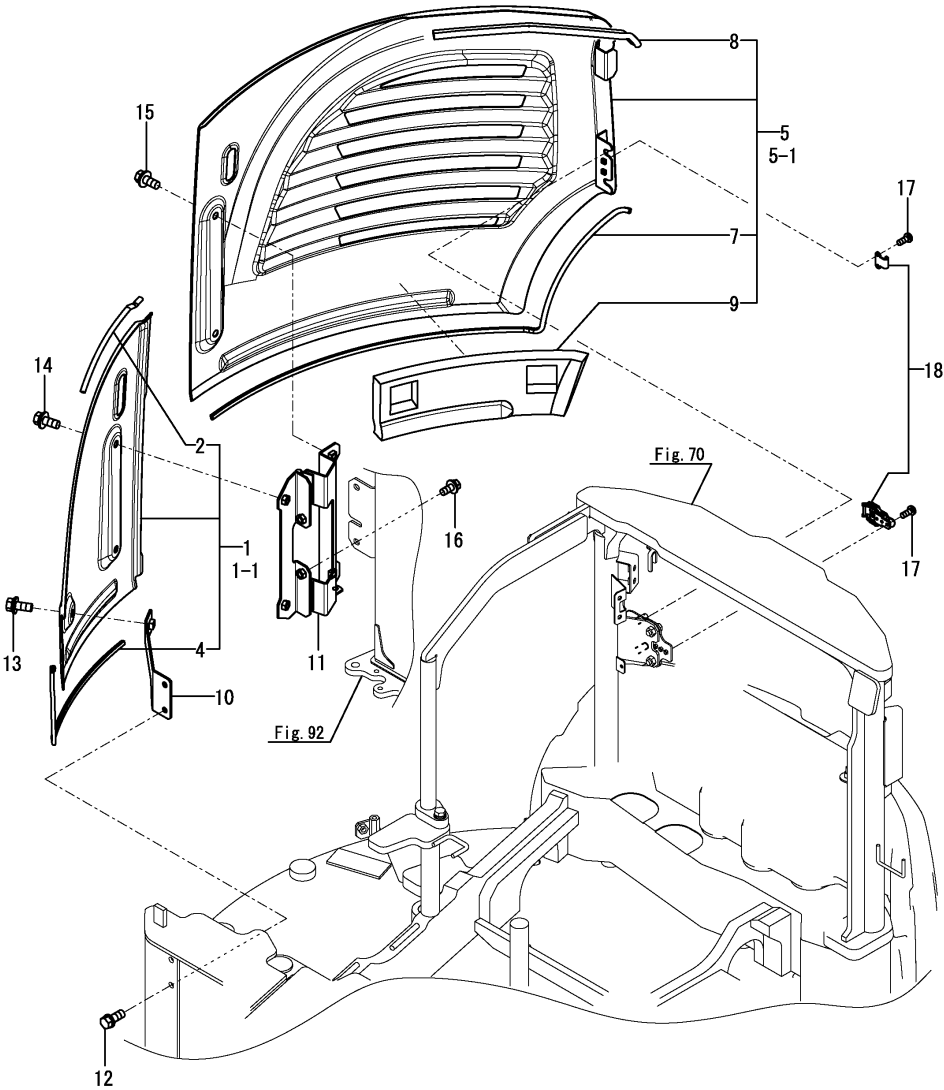


				(A)=VIO30-6A P(KR)	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-65600	BONNET ASSY, L	1							
1-1	1	172B03-65600-1	BONNET ASSY, L	1							S
(A=M6N952)											
2	2	172A65-64840	SEAL, 190	1							
4	2	172B03-65660	SEAL, 175	1							
5	2	172B03-65670	SPONGE, BONNET L A	1							
6	2	172B03-65680	SPONGE, BONNET L B	1							
7	1	26014-100252	BOLT, M10X 25	3							

Fig.68. BONNET(RIGHT)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



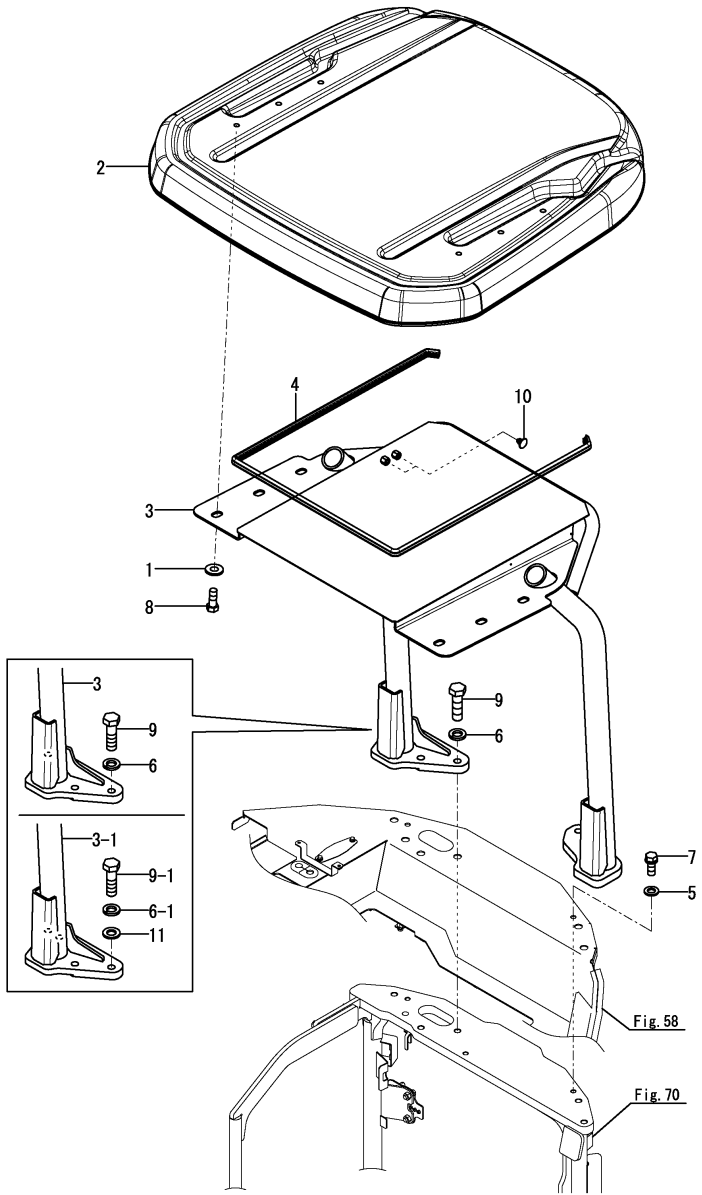
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-65800	BONNET ASSY, R FR	1							
1-1	1	172B03-65800-1	BONNET ASSY, R FR	1							S
(A=M6N952)											
2	2	172434-61200	TRIM, 245	1							
4	2	172B03-65870	SEAL, 585	1							
5	1	172B03-65820	BONNET ASSY, REAR R	1							
5-1	1	172B03-65820-1	BONNET ASSY, REAR R	1							S
(A=M6N952)											
7	2	172B03-65880	SEAL, 1105	1							
8	2	172B03-65890	SEAL, 400	1							
9	2	172B03-65940	SPONGE, BONNET R	1							
10	1	172B03-65900	STAY ASSY, BONNET R	1							
11	1	172B03-65950	HINGE ASSY, BONNET R	1							
12	1	26013-100252	BOLT, M10X 25	2							
13	1	26014-100252	BOLT, M10X 25	1							
14	1	26014-100252	BOLT, M10X 25	2							
15	1	26014-100252	BOLT, M10X 25	2							
16	1	26014-100252	BOLT, M10X 25	2							
17	1	26557-050122	SCREW, M5X12	5							
18	1	933171-18750	CLIP, CATCH	1							

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

Q'ty

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER	6							
2	1	172B03-67100	ROOF ASSY, CANOPY	1							1
2-1	1	172B03-67000	ROOF ASSY, CANOPY D	1						S	2
(A=MAF001)											
3	1	172B03-67150	CANOPY ASSY	1							
3-1	1	172B03-67151	CANOPY ASSY, HEAD G	1						S	3
(A=*2019.08)											
4	1	172B03-67360	SEAL, 2000	1							
5	1	22137-120000	WASHER, 12	1							
6	1	22217-160000	WASHER, SPRING 16	5							
6-1	1	22217-160000	WASHER, SPRING 16	7							K
(A=*2019.08)											
7	1	26013-120302	BOLT, SPRING M12X 30	1							
8	1	26013-120302	BOLT, SPRING M12X 30	6							
9	1	26076-160552	BOLT, 10.916X 55	5							
9-1	1	26076-160552	BOLT, 10.916X 55	7							K
(A=*2019.08)											
10	1	172122-17190	CLIP, TREE	2							
11	1	172B03-67760	WASHER, 16.5X30X4.5	7							W
(A=*2019.08)											

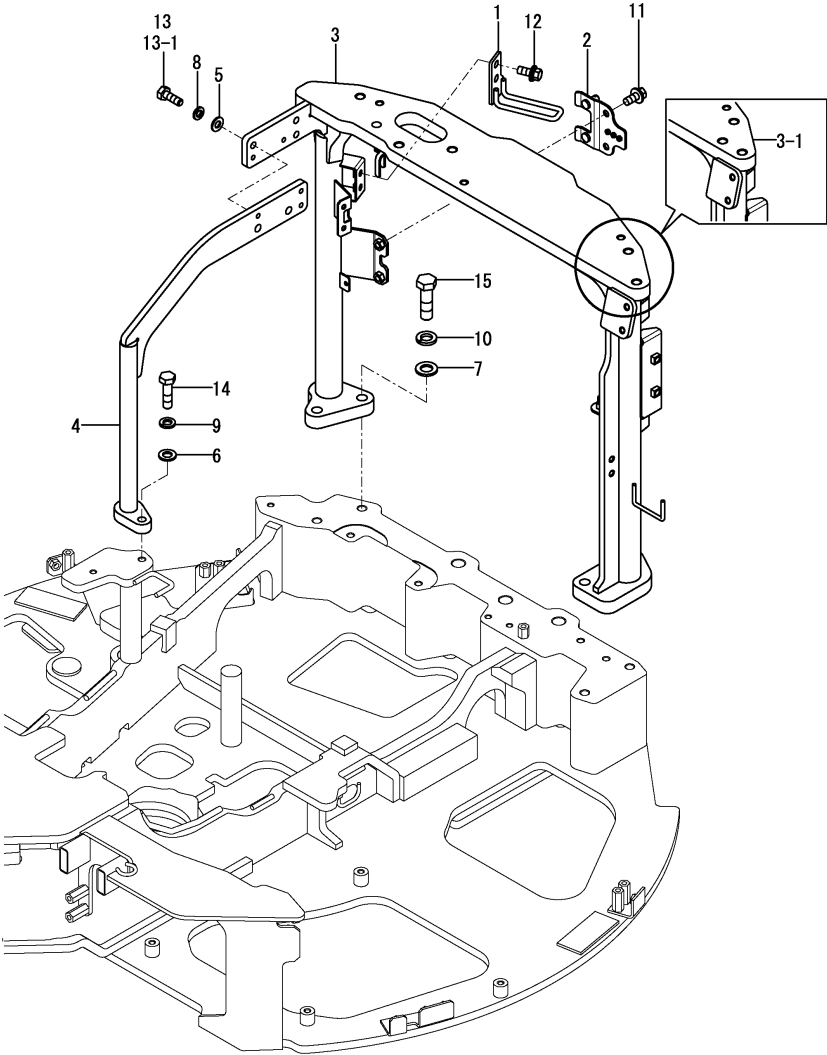


Remarks
(1)Color = NATURAL WHITE.
(2)Color = NAVY GRAY.
(3)Interchangeable by simultaneous replacement with No.6-1, 9-1, 11, Fig.10 No.2-1, Fig.58 No.2-1 & Fig.70 No.3-1, 13-1.

Fig.70. CANOPY MOUNT

(A)=VIO30-6A P(KR)
(B)=
(C)=

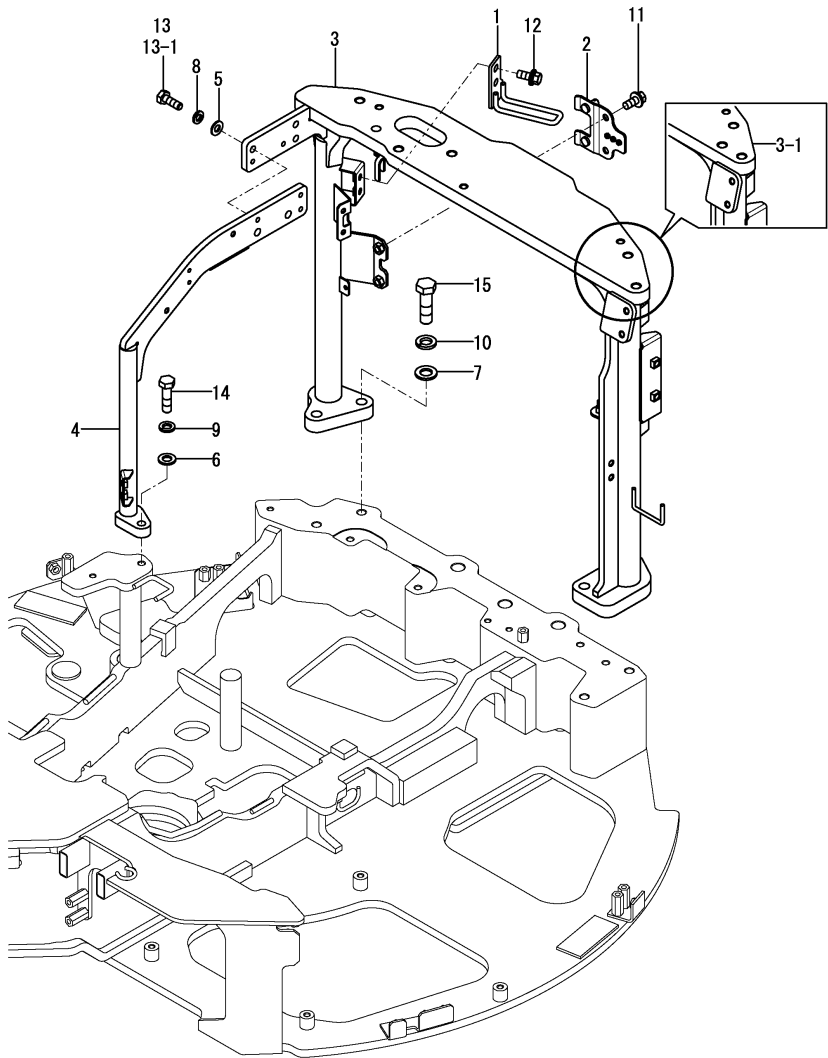
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-65350	CATCH ASSY, BONNET	1							
2	1	172B03-65920	BRACKET ASSY, BON.R	1							
3	1	172B03-67510	MOUNT ASSY, A CANOPY	1							
3-1	1	172B03-67511	MOUNT ASSY, A CANOPY	1						S	1
(A=*2019.08)											
4	1	172B03-67810	MOUNT ASSY, B CANOPY	1							
5	1	22137-100000	WASHER, 10	3							
6	1	22137-120000	WASHER, 12	1							
7	1	22137-160000	WASHER, 16	4							
8	1	22217-100000	WASHER, SPRING 10	3							
9	1	22217-120000	WASHER, SPRING 12	1							
10	1	22217-160000	WASHER, SPRING 16	4							
11	1	26014-100252	BOLT, M10X 25	2							
12	1	26014-100252	BOLT, M10X 25	2							
13	1	26076-100302	BOLT, 10.910X 30	3							
13-1	1	26076-100352	BOLT, 10.910X 35	3						S	
(A=*2019.08)											
14	1	26076-120452	BOLT, 10.912X 45	1							
15	1	26076-160552	BOLT, 10.916X 55	4							

Remarks
(1)Interchangeable by simultaneous replacement with No.13-1 & Fig.10 No.2-1.

Fig.128. (70A)CANOPY MOUNT(HEATER SPEC.)



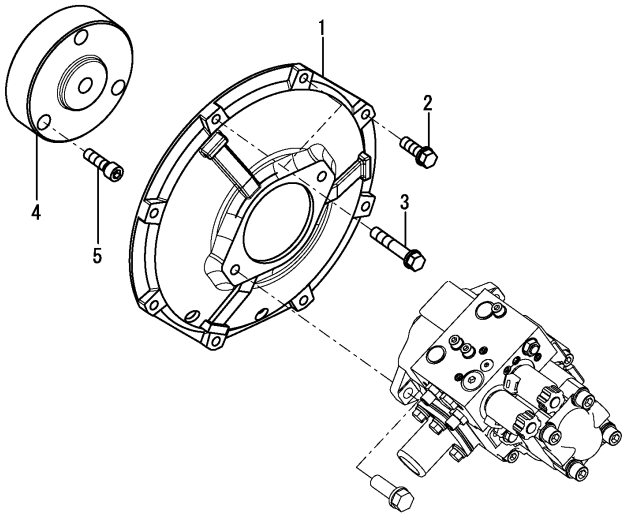
(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-65350	CATCH ASSY, BONNET	1							
2	1	172B03-65920	BRACKET ASSY,BON.R	1							
3	1	172B03-67510	MOUNT ASSY,A CANOPY	1							
3-1	1	172B03-67511	MOUNT ASSY,A CANOPY	1						S	1
(A=*2019.08)											
4	1	172B03-67910	MOUNT ASSY,B CABIN	1							
5	1	22137-100000	WASHER, 10	3							
6	1	22137-120000	WASHER, 12	1							
7	1	22137-160000	WASHER, 16	4							
8	1	22217-100000	WASHER, SPRING 10	3							
9	1	22217-120000	WASHER, SPRING 12	1							
10	1	22217-160000	WASHER, SPRING 16	4							
11	1	26014-100252	BOLT, M10X 25	2							
12	1	26014-100252	BOLT, M10X 25	2							
13	1	26076-100302	BOLT, 10.910X 30	3							
13-1	1	26076-100352	BOLT, 10.910X 35	3						S	
(A=*2019.08)											
14	1	26076-120452	BOLT, 10.912X 45	1							
15	1	26076-160552	BOLT, 10.916X 55	4							

Remarks
(1)Interchangeable by simultaneous replacement with No.13-1 & Fig.10 No.2-1.

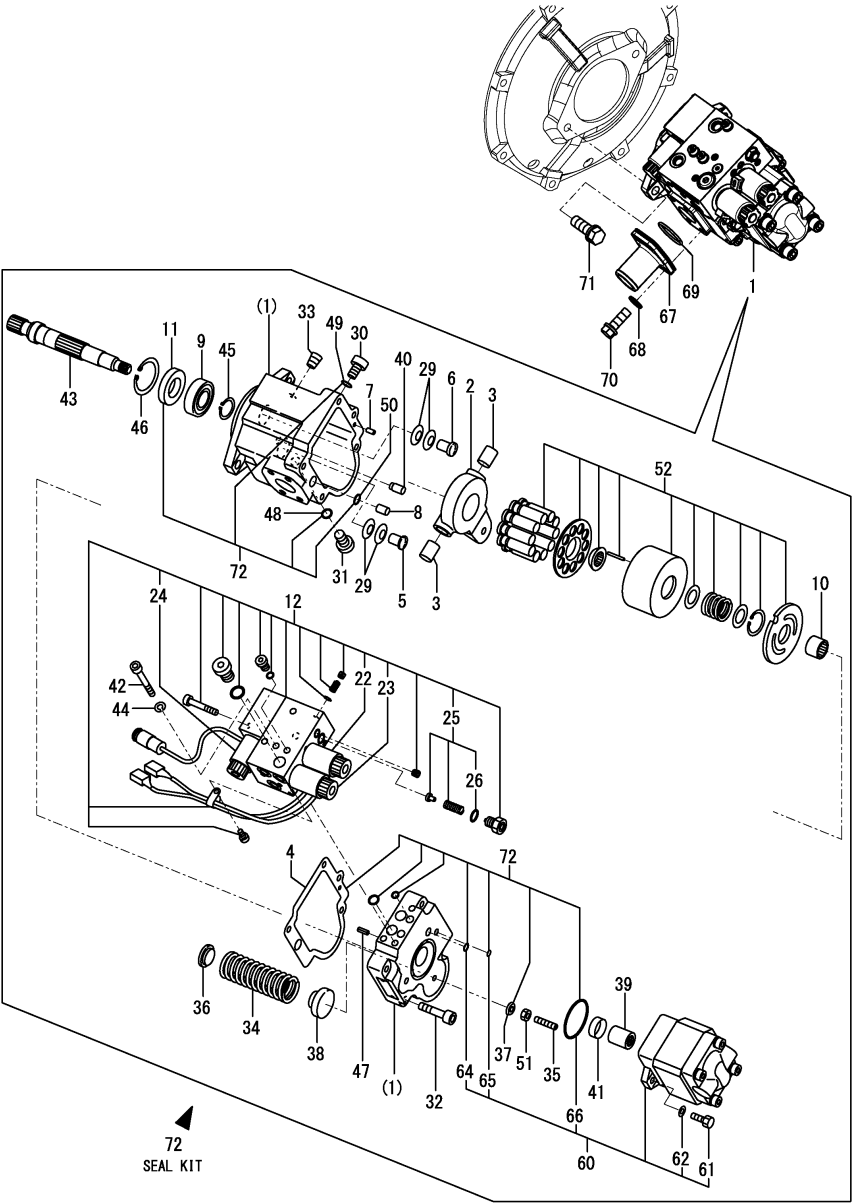
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101-4	COVER, FLYWHEEL	1							
1-1	1	172B03-71100	COVER, FLYWHEEL	1							N
(A=MAF014)											
2	1	26013-100302	BOLT, SPRING M10X 30	6							
3	1	26013-100502	BOLT, SPRING M10X 50	2							
4	1	172165-71200	COUPLING	1							
5	1	26450-120402	BOLT, M12X 40	3							

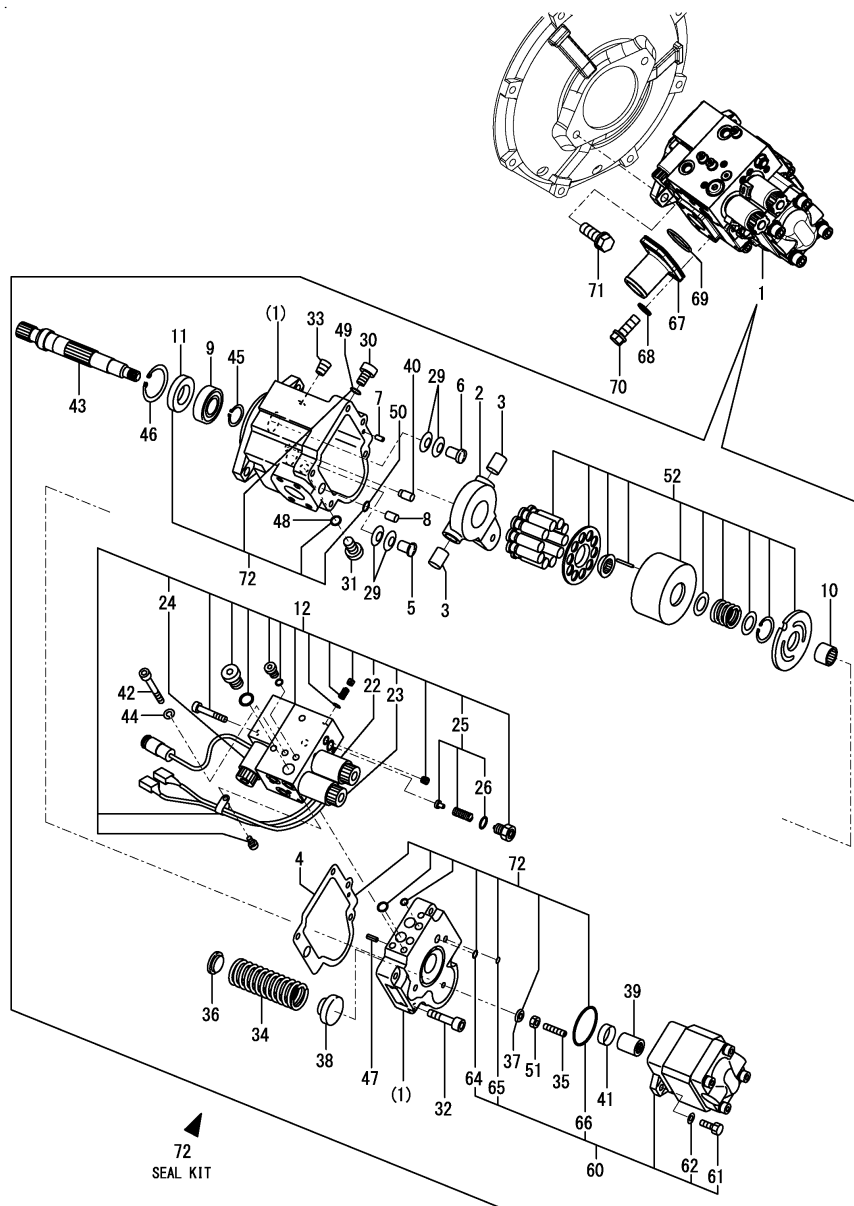
Fig.72. HYDRAULIC PUMP



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-73110	PUMP ASSY, 3SOL	1							
2	2	172422-73140	PLATE, SWASH	1							
3	2	172422-73160	PIN, SWING	2							
4	2	172422-73170	GASKET	1							
5	2	172B02-73180	PIN, STOPPER A	1							
6	2	172B02-73190	PIN, STOPPER B	1							
7	2	172422-73220	PIN	1							
8	2	172422-73280	PIN	1							
9	2	172422-73290	BEARING, BALL	1							
10	2	172422-73500	BEARING, NEEDLE	1							
11	2	172422-73510	SEAL, OIL	1							
12	2	172958-73511	BLOCK ASSY, VALVE	1							
12-1	2	172958-73512	VALVE KIT, SOL	1						N	
(A=MAF014)											
22	3	172458-73680	VALVE, SC	1							1
23	3	172458-73690	VALVE, SC	1							2
24	3	172458-73790	VALVE, SOLENOID	1							3
25	3	172A64-73280	RELIEF KIT	1							
26	4	24315-000100	O-RING, 1BP10.0	1							
29	2	172422-73520	SPRING	4							
30	2	172422-73530	PLUG	1							
31	2	172422-73530	PLUG	1							
32	2	172422-73540	BOLT, HEX SOCKET	5							
33	2	172422-73550	PLUG	5							
34	2	172458-73550	SPRING, T1	1							
35	2	172422-73560	SCREW, HEX. SOCKET	1							
36	2	172458-73560	HOLDER, SPRING	1							
37	2	172422-73570	WASHER, SEAL	1							
38	2	172458-73570	GUIDE, SPRING	1							
39	2	172422-73580	COUPLING	1							
40	2	172458-73580	ROD, G	1							
41	2	172422-73590	COLLAR	1							
42	2	172422-73610	BOLT, HEX SOCKET	3							
43	2	172458-73660	SHAFT	1							
44	2	22212-080000	WASHER 8	3							
45	2	22242-000250	RING, 25	1							
46	2	22252-000520	RING, 52	1							
47	2	22351-060016	PIN, SPRING 6.0X16	1							
48	2	24315-000110	O-RING, 1BP11.0	1							
49	2	24315-000110	O-RING, 1BP11.0	1							
50	2	24315-000120	O-RING, 1BP12.0	3							
51	2	26711-080002	NUT, M8	1							
52	2	172458-73510	BARREL KIT, CYLINDER	1							
60	2	172B02-73200	PUMP KIT, GEAR	1							
61	3	172450-73120	BOLT, HEXAGON 8X25	2							
62	3	172450-73130	WASHER	2							
64	3	24315-000070	O-RING, 1BP7.0	1							
65	3	24315-000080	O-RING, 1BP8.0	1							
66	3	24325-000550	O-RING, 1BG55.0	1							
67	1	172422-76100	FLANGE, 40.5	1							
68	1	22117-100000	WASHER, 10	4							

Fig.72. HYDRAULIC PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
69	1	24321-000400	O-RING, 1AG40.0	1							
70	1	26013-100302	BOLT, M10X 30	4							
71	1	26013-120352	BOLT, M12X 35	2							
72	1	172422-73700	SEAL SET, PUMP	1							

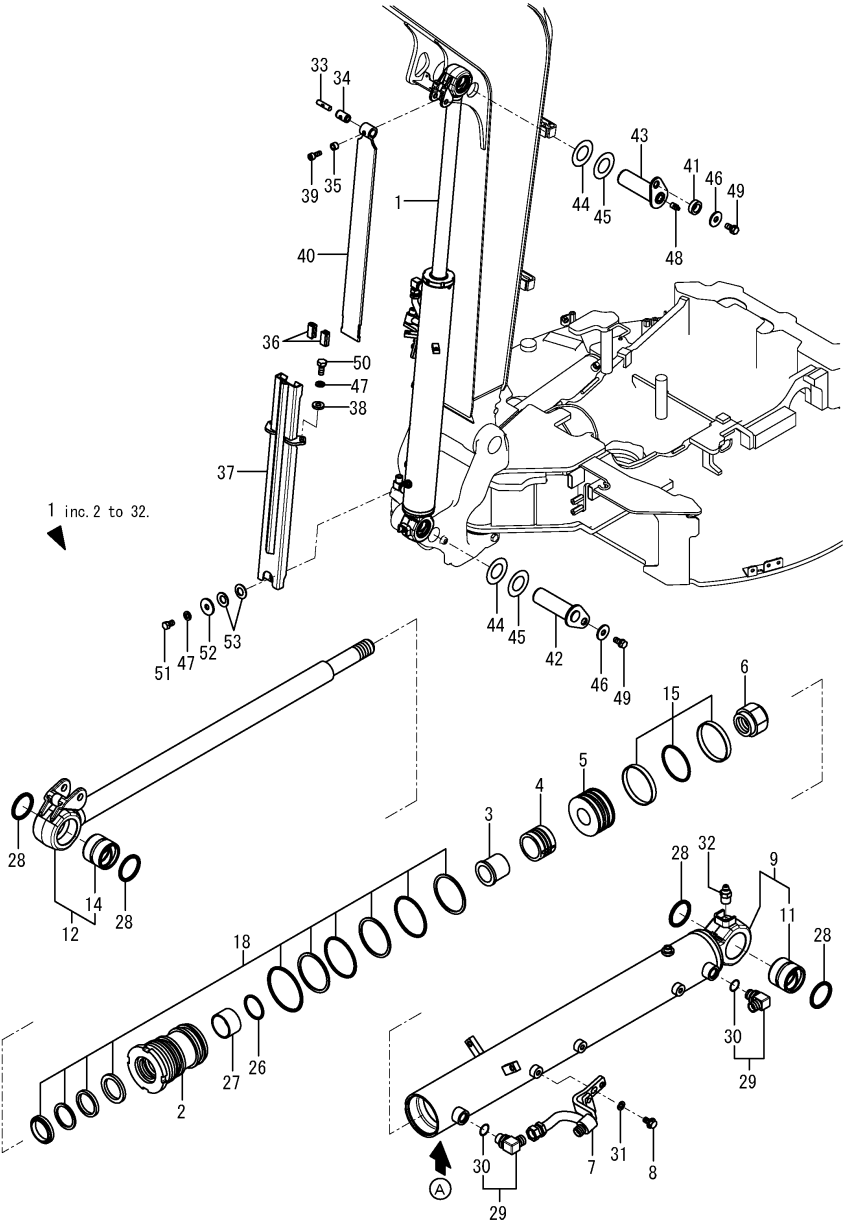
(1) For second gear traveling.
(2) For safety lock.
(3) For quick coupler.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All RightsReserved.

Fig.73. BOOM CYLINDER(TO MAR. 2023)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



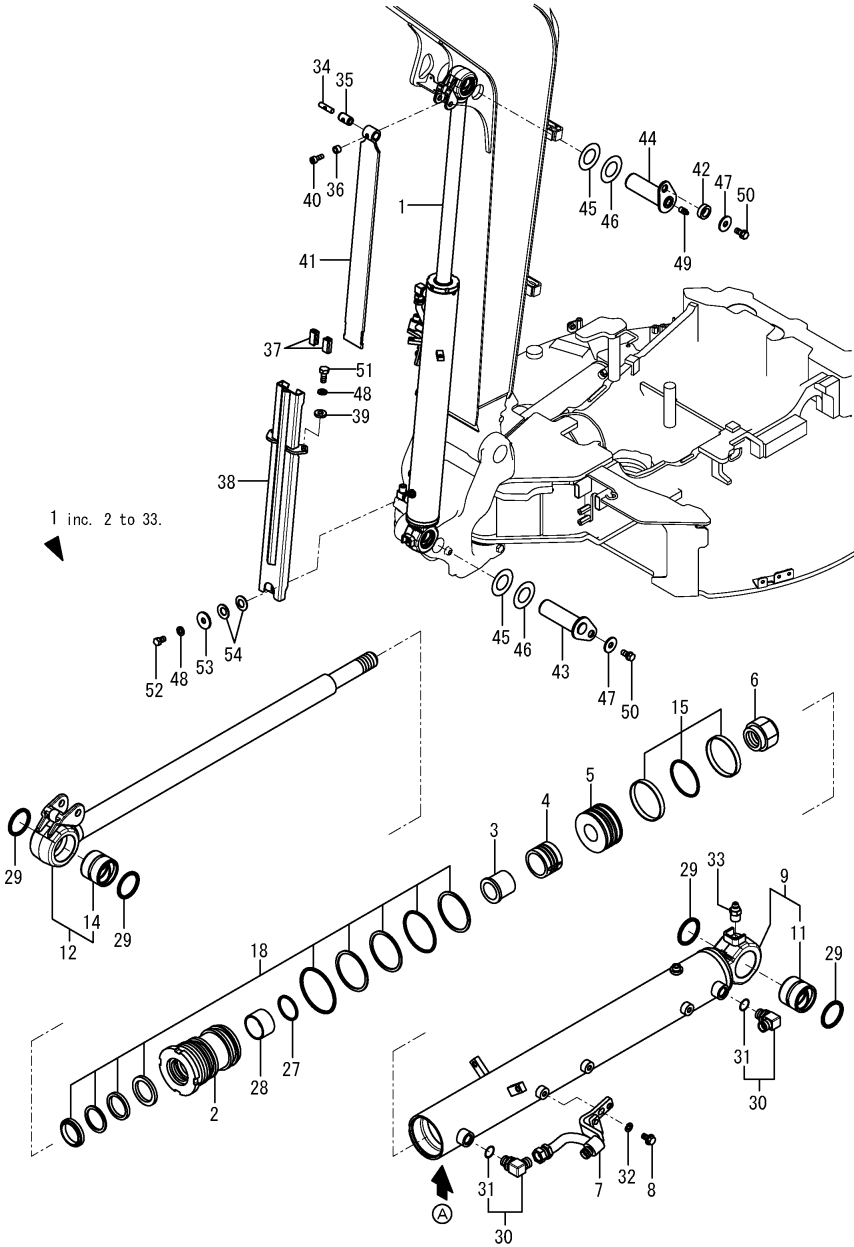
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70100	CYLINDER ASSY, BOOM	1						Z	1
(A=*2023.03)											
2	2	172B03-70140	HEAD	1							
3	2	172B03-70150	COLLAR	1							
4	2	172B03-70160	PLUNGER, CUSHION	1							
5	2	172B03-70170	PISTON	1							
6	2	172B03-70180	NUT, LOCK	1							
7	2	172B03-70240	PIPE ASSY	1							
8	2	172B03-70250	BOLT, 10.9 10X20	1							
9	2	172B03-70260	REPAIR KIT, TUBE AS	1							
11	3	172B03-70130	BUSH, PIN 50	1							
12	2	172B03-70270	REPAIR KIT, ROD AS	1							
14	3	172B03-70130	BUSH, PIN 50	1							
15	2	172B03-70280	SEAL KIT, PISTON	1							
18	2	172B03-70290	SEAL KIT, HEAD	1							
26	2	172B16-72460	CLIP	1							
27	2	172B16-72470	SLEEVE	1							
28	2	172B11-72560	SEAL, DUST PIN 50	4							
29	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
30	3	24315-000180	O-RING, 1BP18.0	2							
31	2	22137-100000	WASHER, 10	1							
32	2	24761-020000	NIPPLE, GREASE PT1/8	1							
33	1	172A23-72043	SHAFT, 14X53	1							
34	1	172A23-72052	GROMMET	1							
35	1	172A46-72070	SPACER	1							
36	1	172A23-72081	GUIDE, SLIDE	2							
37	1	172B03-72240	GUIDE ASSY, 747	1							
38	1	172A79-72570	WASHER, 10.5X24X4.5	2							
39	1	172A47-72840	BOLT, M6X16	1							
40	1	172A47-72881-N	PLATE, SLIDE 760	1							
41	1	172164-81670	SPACER	1							
42	1	172B03-81760	PIN ASSY, 50X158 B	1							
43	1	172B03-81820	PIN ASSY, 50X158 A	1							
44	1	172165-82520	SHIM, 50X90X0.5	2							
45	1	172165-82530	SHIM, 50X90X1.2	2							
46	1	22157-120000	WASHER, 12	2							
47	1	22217-100000	WASHER, SPRING 10	3							
48	1	24761-020000	NIPPLE, GREASE PT1/8	1							
49	1	26013-120252	BOLT, M12X 25	2							
50	1	26076-100252	BOLT, 10.910X 25	2							
51	1	26116-100162	BOLT, M10X 16 PLATED	1							
52	1	933147-03400	WASHER, BRAKE ARM	1							
53	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(K1570XXX).
Interchangeable by Fig.173(73A) No.1 The inner parts are not compatible.

Fig.173. (73A)BOOM CYLINDER(FROM MAR. 2023)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

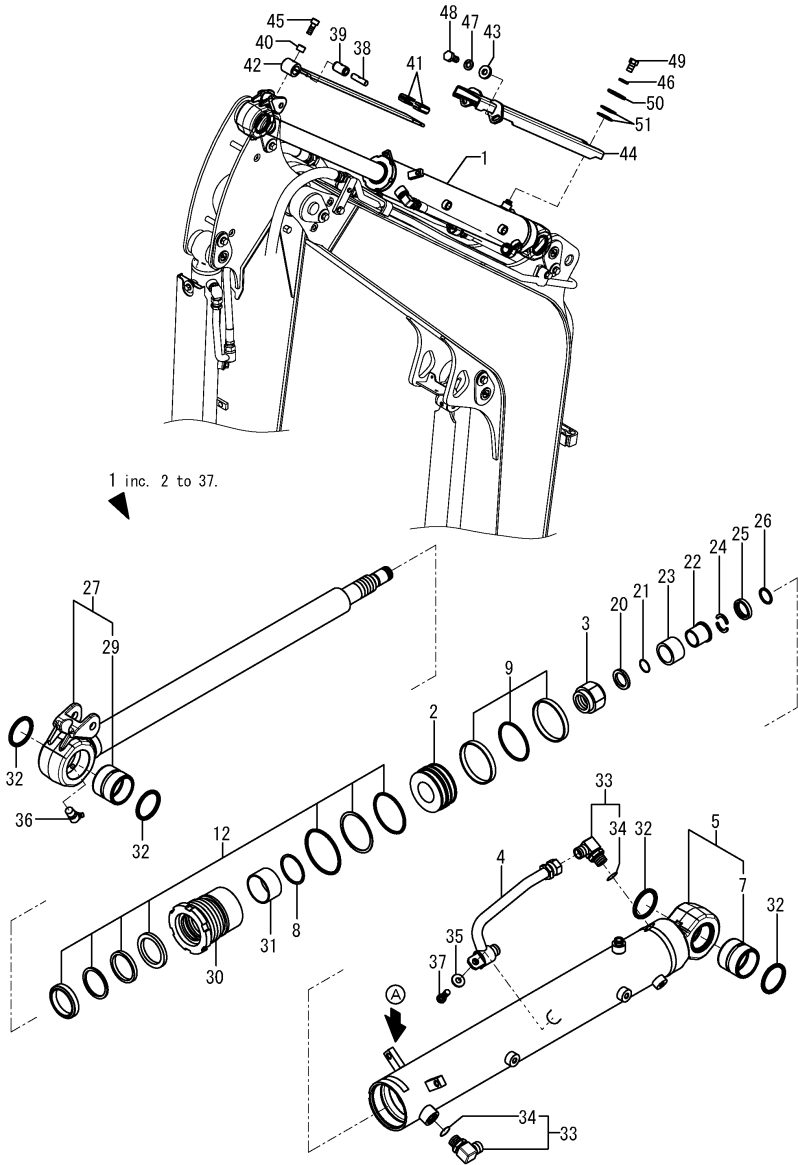


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70101	CYLINDER ASSY, BOOM	1						W	1
(A=*2023.03)											
2	2	172B03-71410	HEAD	1							
3	2	172B03-70150	COLLAR	1							
4	2	172B03-70160	PLUNGER, CUSHION	1							
5	2	172B03-70171	PISTON	1							
6	2	172B03-70180	NUT, LOCK	1							
7	2	172B03-70240	PIPE ASSY	1							
8	2	172B03-70250	BOLT, 10.9 10X20	1							
9	2	172B03-70260	REPAIR KIT, TUBE AS	1							
11	3	172B03-70130	BUSH, PIN 50	1							
12	2	172B03-70270	REPAIR KIT, ROD AS	1							
14	3	172B03-70130	BUSH, PIN 50	1							
15	2	172B03-71430	SEAL KIT, PISTON	1							
18	2	172B03-71440	SEAL KIT, HEAD	1							
27	2	172B16-72460	CLIP	1							
28	2	172B16-72470	SLEEVE	1							
29	2	172B11-72560	SEAL, DUST PIN 50	4							
30	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
31	3	24315-000180	O-RING, 1BP18.0	2							
32	2	22137-100000	WASHER, 10	1							
33	2	24761-020000	NIPPLE, GREASE PT1/8	1							
34	1	172A23-72043	SHAFT, 14X53	1							
35	1	172A23-72052	GROMMET	1							
36	1	172A46-72070	SPACER	1							
37	1	172A23-72081	GUIDE, SLIDE	2							
38	1	172B03-72240	GUIDE ASSY, 747	1							
39	1	172A79-72570	WASHER, 10.5X24X4.5	2							
40	1	172A47-72840	BOLT, M6X16	1							
41	1	172A47-72881-N	PLATE, SLIDE 760	1							
42	1	172164-81670	SPACER	1							
43	1	172B03-81760	PIN ASSY, 50X158 B	1							
44	1	172B03-81820	PIN ASSY, 50X158 A	1							
45	1	172165-82520	SHIM, 50X90X0.5	2							
46	1	172165-82530	SHIM, 50X90X1.2	2							
47	1	22157-120000	WASHER, 12	2							
48	1	22217-100000	WASHER, SPRING 10	3							
49	1	24761-020000	NIPPLE, GREASE PT1/8	1							
50	1	26013-120252	BOLT, M12X 25	2							
51	1	26076-100252	BOLT, 10.910X 25	2							
52	1	26116-100162	BOLT, M10X 16 PLATED	1							
53	1	933147-03400	WASHER, BRAKE ARM	1							
54	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(K1571XXX).

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



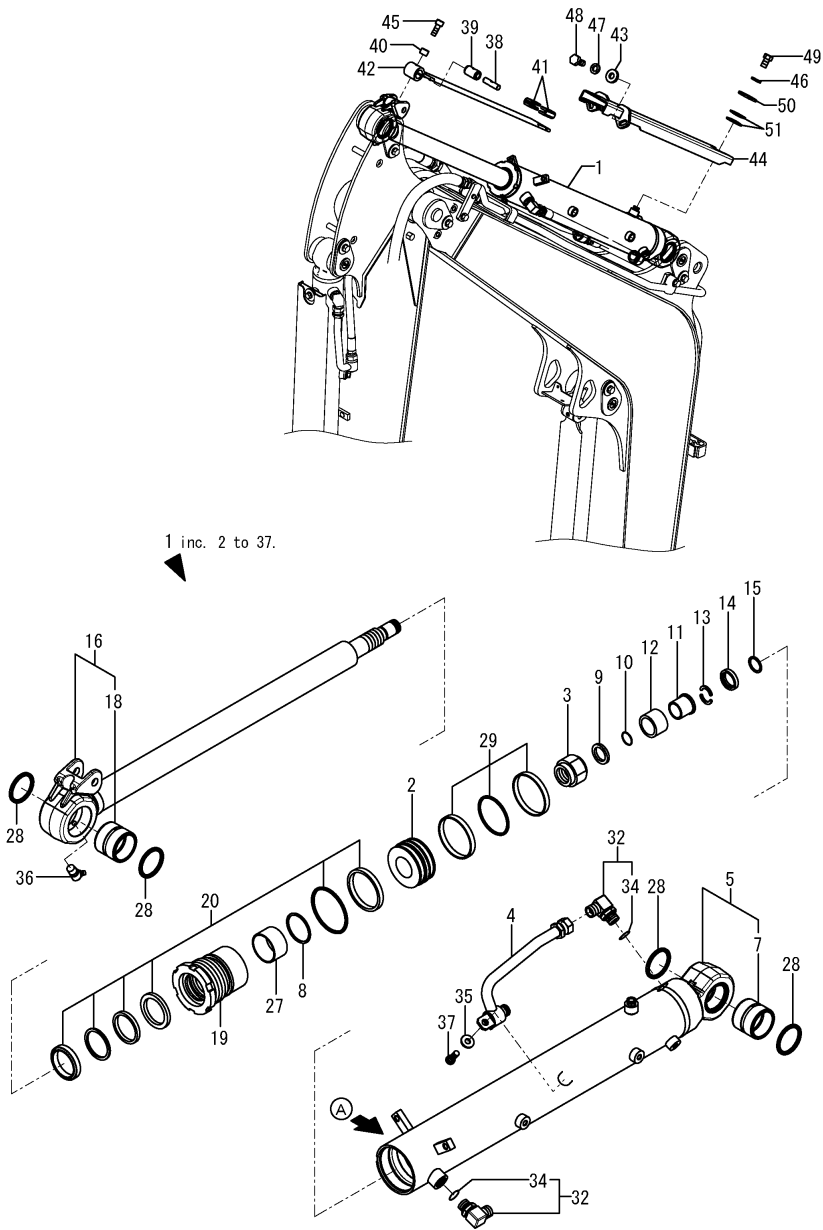
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-70900	CYLINDER ASSY, ARM Q	1						Z	1
(A=*2023.03)											
2	2	172B02-70330	PISTON	1							
3	2	172B03-70340	NUT, LOCK	1							
4	2	172B02-70360	PIPE ASSY	1							
5	2	172B02-70370	REPAIR KIT, TUBE AS	1							
7	3	172B03-70320	BUSH, PIN 50	1							
8	2	172B03-70370	RING, RETAINING	1							
9	2	172B02-70380	SEAL KIT, PISTON	1							
12	2	172B02-70390	SEAL KIT, HEAD	1							
20	2	172B03-70420	SPACER	1							
21	2	172B03-70430	O-RING, 1B P 22.0	1							
22	2	172B03-70440	COLLAR	1							
23	2	172B03-70450	PLUNGER, CUSHION	1							
24	2	172B03-70460	STOPPER	2							
25	2	172B03-70470	COVER	1							
26	2	172B03-70480	RING, RETAINING	1							
27	2	172B03-70490	REPAIR KIT, ROD AS	1							
29	3	172B03-70320	BUSH, PIN 50	1							
30	2	172B02-70910	HEAD	1							
31	2	172A66-72140	BEARING, SLEEVE	1							
32	2	172B11-72560	SEAL, DUST PIN 50	4							
33	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
34	3	24315-000180	O-RING, 1BP18.0	2							
35	2	22137-100000	WASHER, 10	1							
36	2	24761-040000	NIPPLE, GREASE B	1							
37	2	26076-100162	BOLT, 10 X 16	1							
38	1	172A23-72043	SHAFT, 14X53	1							
39	1	172A23-72052	GROMMET	1							
40	1	172A46-72070	SPACER	1							
41	1	172A23-72081	GUIDE, SLIDE	2							
42	1	172B03-72340	PLATE, SLIDE 650	1							
43	1	172A79-72570	WASHER, 10.5X24X4.5	2							
44	1	172B03-72670	GUIDE ASSY, 655	1							
45	1	172A47-72840	BOLT, M6X16	1							
46	1	22217-100000	WASHER, SPRING 10	1							
47	1	22217-100000	WASHER, SPRING 10	2							
48	1	26076-100252	BOLT, 10.910X 25	2							
49	1	26116-100162	BOLT, M10X 16 PLATED	1							
50	1	933147-03400	WASHER, BRAKE ARM	1							
51	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(K1640XXX).
Interchangeable by Fig.174(74A) No.1 The inner parts are not compatible.

Fig.174. (74A)ARM CYLINDER(FROM MAR. 2023)

(A)=VIO30-6A P(KR)
(B)=
(C)=

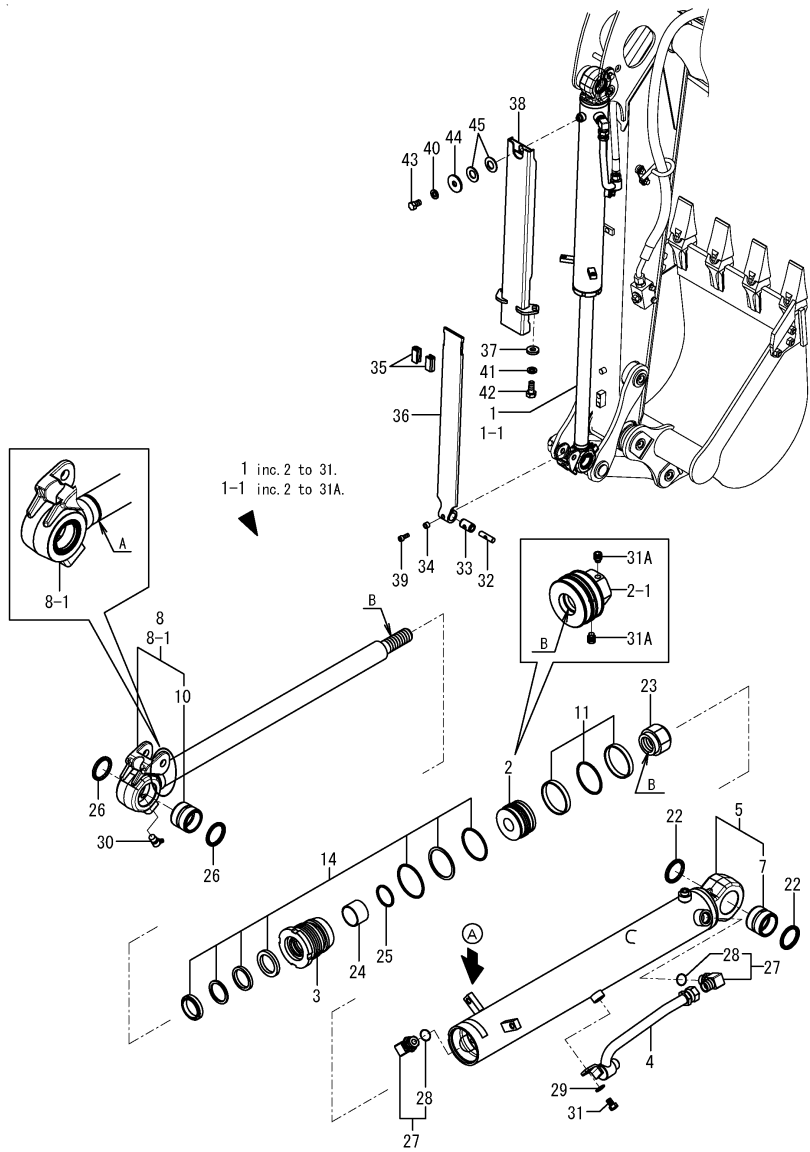
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-70901	CYLINDER ASSY,ARM Q	1						W	1
		(A=*2023.03)									
2	2	172B02-70331	PISTON	1							
3	2	172B03-70340	NUT, LOCK	1							
4	2	172B02-70360	PIPE ASSY	1							
5	2	172B02-70370	REPAIR KIT, TUBE AS	1							
7	3	172B03-70320	BUSH, PIN 50	1							
8	2	172B03-70370	RING, RETAINING	1							
9	2	172B03-70420	SPACER	1							
10	2	172B03-70430	O-RING, 1B P 22.0	1							
11	2	172B03-70440	COLLAR	1							
12	2	172B03-70450	PLUNGER, CUSHION	1							
13	2	172B03-70460	STOPPER	2							
14	2	172B03-70470	COVER	1							
15	2	172B03-70480	RING, RETAINING	1							
16	2	172B03-70490	REPAIR KIT, ROD AS	1							
18	3	172B03-70320	BUSH, PIN 50	1							
19	2	172B02-70960	HEAD	1							
20	2	172B02-70970	SEAL KIT, HEAD	1							
27	2	172A52-70650	BEARING, SLEEVE	1							
28	2	172B11-72560	SEAL, DUST PIN 50	4							
29	2	172B16-72770	SEAL KIT, PISTON	1							
32	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
34	3	24315-000180	O-RING, 1BP18.0	2							
35	2	22137-100000	WASHER, 10	1							
36	2	24761-040000	NIPPLE, GREASE B	1							
37	2	26076-100162	BOLT, 10 X 16	1							
38	1	172A23-72043	SHAFT, 14X53	1							
39	1	172A23-72052	GROMMET	1							
40	1	172A46-72070	SPACER	1							
41	1	172A23-72081	GUIDE, SLIDE	2							
42	1	172B03-72340	PLATE, SLIDE 650	1							
43	1	172A79-72570	WASHER, 10.5X24X4.5	2							
44	1	172B03-72670	GUIDE ASSY, 655	1							
45	1	172A47-72840	BOLT, M6X16	1							
46	1	22217-100000	WASHER, SPRING 10	1							
47	1	22217-100000	WASHER, SPRING 10	2							
48	1	26076-100252	BOLT, 10.910X 25	2							
49	1	26116-100162	BOLT, M10X 16 PLATED	1							
50	1	933147-03400	WASHER, BRAKE ARM	1							
51	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(K1641XXX).

Fig.75. BUCKET CYLINDER(TO MAR. 2023)



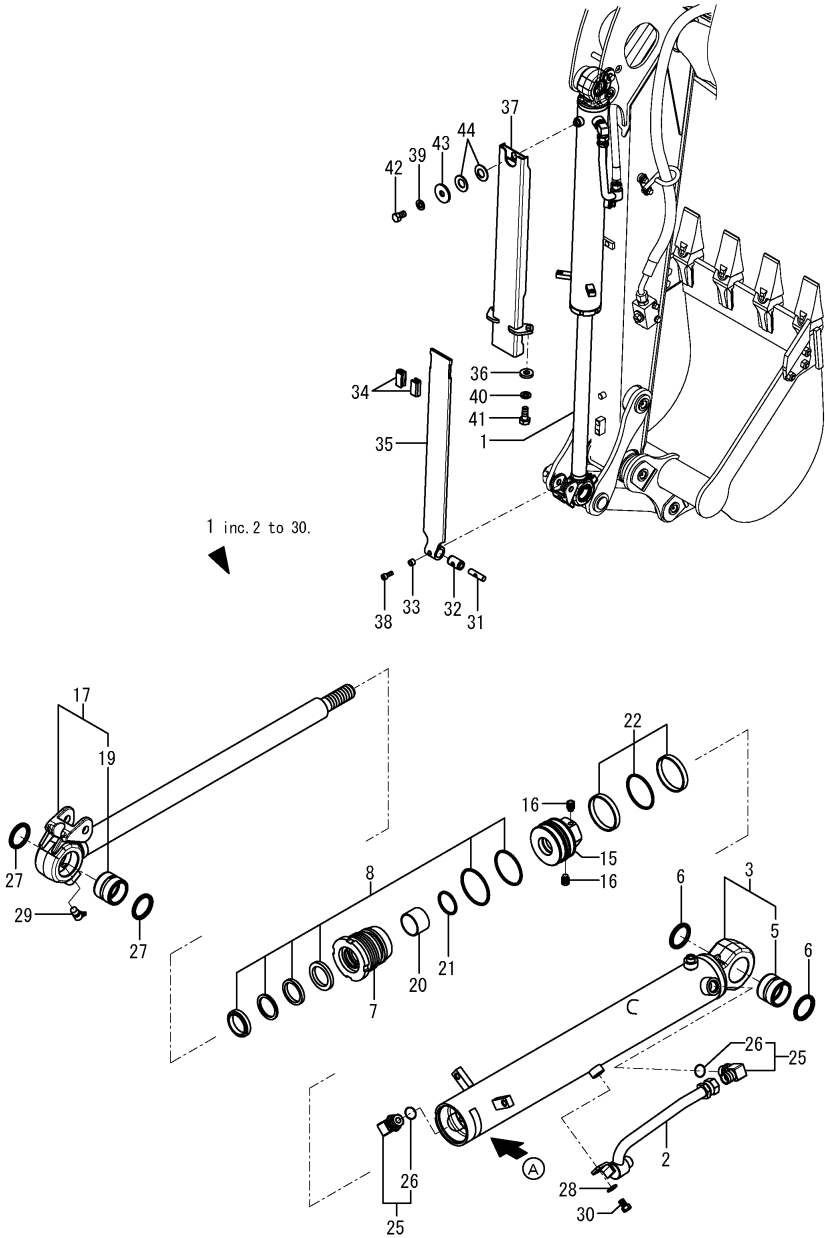
Remarks
(1)A=No.8 : No identification groove, No.8-1 : There identification groove.
B=No.8, 23 : M27 screw, No.2-1, 8-1 : M30 screw.
(2)A : There is serial No.(K1600XXX).
(3)A : There is serial No.(K1990XXX).
Interchangeable by Fig.175(75A) No.1 The inner parts are not compatible.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70500	CYLINDER ASSY,BUCKET	1							2
1-1	1	172B03-71600	CYLINDER ASSY,BUC M3	1						N	3
(A=*2022.03)											
1-2	1	172B03-71600	CYLINDER ASSY,BUC M3	1						Z	3
(A=*2023.03)											
2	2	172B03-70530	PISTON	1							
2-1	2	172B03-71620	PISTON	1						S	1
(A=*2022.03)											
3	2	172B03-70540	HEAD	1							
4	2	172B03-70620	PIPE ASSY	1							
5	2	172B03-70630	REPAIR KIT, TUBE AS	1							
7	3	172B16-72860	BUSH, PIN 40	1							
8	2	172B03-70640	REPAIR KIT, ROD AS	1							
8-1	2	172B03-71640	REPAIR KIT,ROD ASSY	1						S	1
(A=*2022.03)											
10	3	172B16-72400	BUSH, PIN 38	1							
11	2	172B03-70650	SEAL KIT, PISTON	1							
14	2	172B03-70660	SEAL KIT, HEAD	1							
22	2	172B16-71200	SEAL, DUST PIN 40	2							
23	2	172B16-72090	NUT, LOCK	1						Z	1
(A=*2022.03)											
24	2	172B16-72140	SLEEVE	1							
25	2	172B16-72150	RING, RETAINING	1							
26	2	172B16-72540	SEAL, DUST PIN 38	2							
26-1	2	172168-81270	SEAL, DUST 38X50X4	2							R
(A=MAF014)											
27	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
28	3	24315-000180	O-RING, 1BP18.0	2							
29	2	22137-100000	WASHER, 10	1							
30	2	24761-040000	NIPPLE, GREASE B	1							
31	2	26076-100162	BOLT, 10 X 16	1							
31A	2	172B03-71630	SCREW,SET	2							W
(A=*2022.03)											
32	1	172A23-72043	SHAFT, 14X53	1							
33	1	172A23-72052	GROMMET	1							
34	1	172A46-72070	SPACER	1							
35	1	172A23-72081	GUIDE, SLIDE	2							
36	1	172B03-72340	PLATE, SLIDE 650	1							
37	1	172A79-72570	WASHER, 10.5X24X4.5	2							
38	1	172B03-72670	GUIDE ASSY, 655	1							
39	1	172A47-72840	BOLT, M6X16	1							
40	1	22217-100000	WASHER, SPRING 10	1							
41	1	22217-100000	WASHER, SPRING 10	2							
42	1	26076-100252	BOLT, 10.910X 25	2							
43	1	26116-100162	BOLT, M10X 16 PLATED	1							
44	1	933147-03400	WASHER, BRAKE ARM	1							
45	1	933168-14170	SPRING, 16	2							

Fig.175. (75A)BUCKET CYLINDER(FROM MAR. 2023)

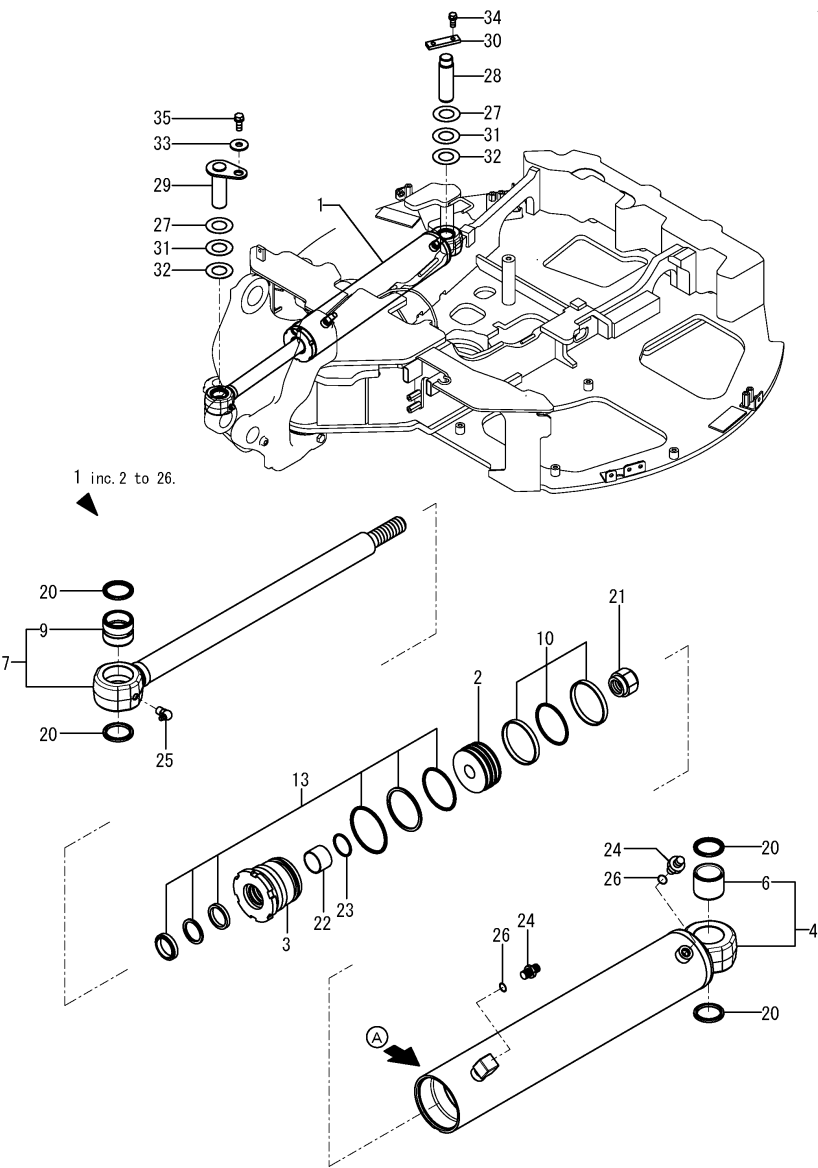
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-71601	CYLINDER ASSY,BUC M3	1						W	1
(A)=*2023.03)											
2	2	172B03-70620	PIPE ASSY	1							
3	2	172B03-70630	REPAIR KIT, TUBE AS	1							
5	3	172B16-72860	BUSH, PIN 40	1							
6	2	172B16-71200	SEAL, DUST PIN 40	2							
7	2	172B03-71360	HEAD	1							
8	2	172B03-71380	SEAL KIT, HEAD	1							
15	2	172B03-71620	PISTON	1							
16	2	172B03-71630	SCREW,SET	2							
17	2	172B03-71640	REPAIR KIT,ROD ASSY	1							
19	3	172B16-72400	BUSH, PIN 38	1							
20	2	172B16-72140	SLEEVE	1							
21	2	172B16-72150	RING, RETAINING	1							
22	2	172B16-72340	SEAL KIT, PISTON	1							
25	2	172141-76900	CONNECTOR ASSY, 1/2L	2							
26	3	24315-000180	O-RING, 1BP18.0	2							
27	2	172168-81270	SEAL, DUST 38X50X4	2							
28	2	22137-100000	WASHER, 10	1							
29	2	24761-040000	NIPPLE, GREASE B	1							
30	2	26076-100162	BOLT, 10 X 16	1							
31	1	172A23-72043	SHAFT, 14X53	1							
32	1	172A23-72052	GROMMET	1							
33	1	172A46-72070	SPACER	1							
34	1	172A23-72081	GUIDE, SLIDE	2							
35	1	172B03-72340	PLATE, SLIDE 650	1							
36	1	172A79-72570	WASHER, 10.5X24X4.5	2							
37	1	172B03-72670	GUIDE ASSY, 655	1							
38	1	172A47-72840	BOLT, M6X16	1							
39	1	22217-100000	WASHER, SPRING 10	1							
40	1	22217-100000	WASHER, SPRING 10	2							
41	1	26076-100252	BOLT, 10.910X 25	2							
42	1	26116-100162	BOLT, M10X 16 PLATED	1							
43	1	933147-03400	WASHER, BRAKE ARM	1							
44	1	933168-14170	SPRING, 16	2							

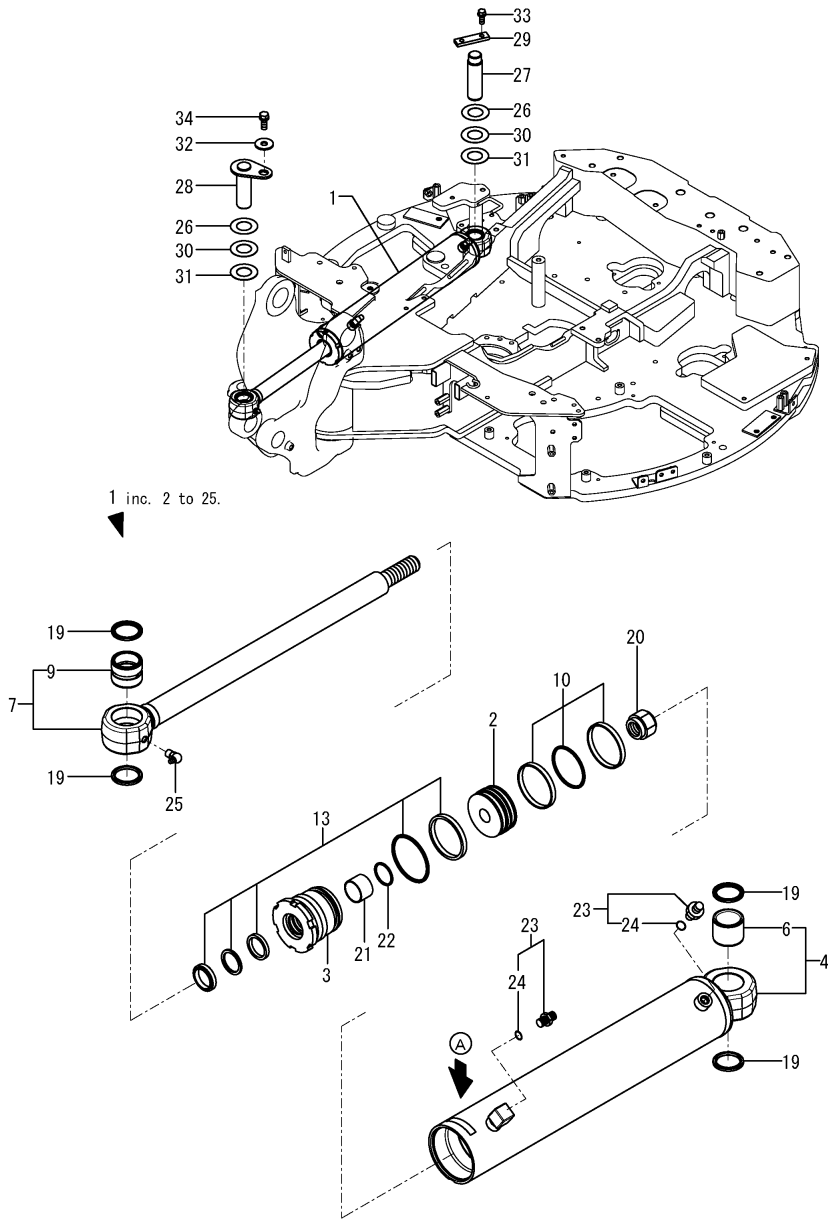
Remarks
(1)A : There is serial No.(K01991XXX).



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70700	CYLINDER ASSY, SWING	1						Z	1
		(A=*2023.03)									
2	2	172B03-70730	PISTON	1							
3	2	172B03-70740	HEAD	1							
4	2	172B03-70760	REPAIR KIT, TUBE AS	1							
6	3	172458-72740	BUSH, 40X40 SO	1							
6-1	3	172458-72741	BUSH, 40X40SO	1						N	
		(A=*2016.03.)									
6-2	3	172B03-70870	BUSH, 40X40SO	1						N	
		(A=M60534)									
7	2	172B03-70770	REPAIR KIT, ROD AS	1							
9	3	172B16-72860	BUSH, PIN 40	1							
10	2	172B03-70780	SEAL KIT, PISTON	1							
13	2	172B03-70790	SEAL KIT, HEAD	1							
20	2	172B16-71200	SEAL, DUST PIN 40	4							
21	2	172B16-72090	NUT, LOCK	1							
22	2	172B16-72140	SLEEVE	1							
23	2	172B16-72150	RING, RETAINING	1							
24	2	172123-76121	ADAPTER, M/M PF1/4	2							
25	2	24761-050000	NIPPLE, GREASE C	1							
26	2	41851-000110	O-RING, P11.0 HNBR	2							
27	1	172A25-81900	SHIM, 40X75X0.8	2							
28	1	172A46-81901	PIN, 40X123	1							
29	1	172B03-81950	PIN ASSY, 40X122	1							
30	1	172A47-81980	PLATE, LOCK	1							
31	1	172165-82580	SHIM, 40X75X0.5	2							
32	1	172165-82590	SHIM, 40X75X1.2	2							
33	1	22157-120000	WASHER, 12	1							
34	1	26013-100252	BOLT, M10X 25	2							
35	1	26013-120302	BOLT, M12X 30	1							

Remarks
(1)A : There is serial No.(K1611XXX).
Interchangeable by Fig.176(76A) No.1 The inner parts are not compatible.

Fig.176. (76A)SWING CYLINDER(FROM MAR. 2023)

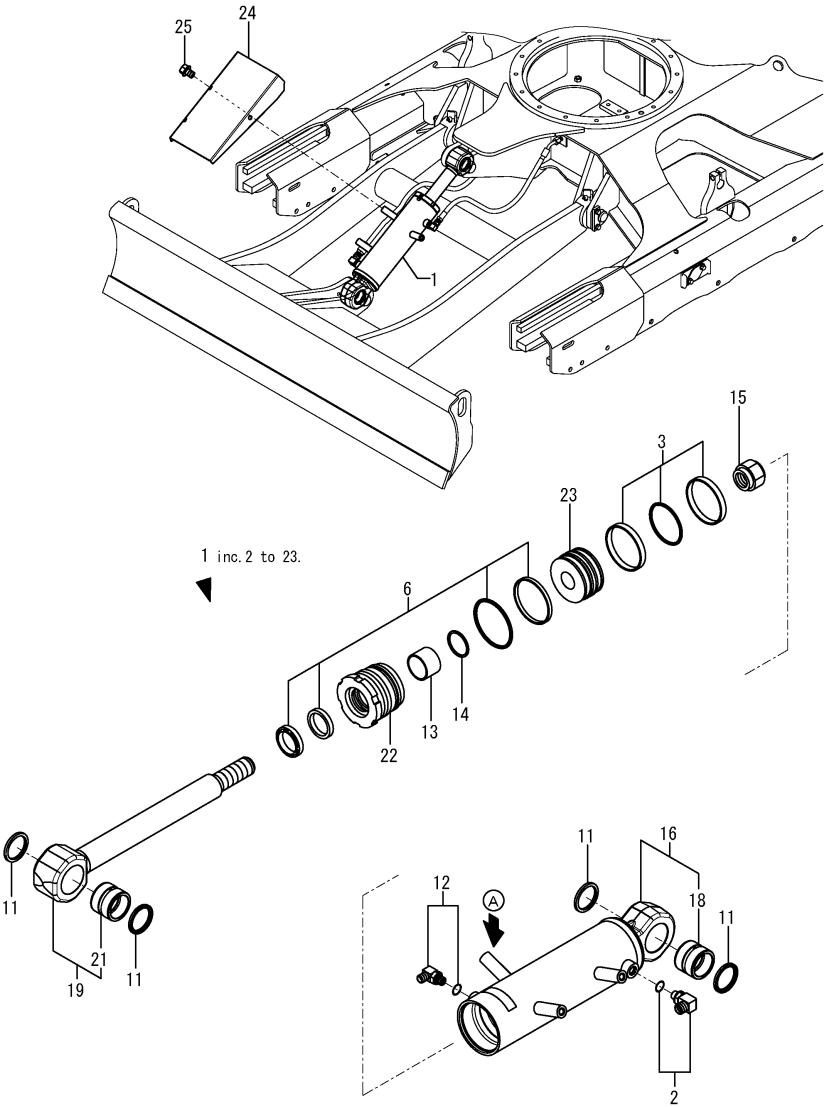


Remarks
(1)A : There is serial No.(K1612XXX).

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70701	CYLINDER ASSY, SWING	1						W	1
(A=*2023.03)											
2	2	172B03-70731	PISTON	1							
3	2	172B03-71370	HEAD	1							
4	2	172B03-70760	REPAIR KIT, TUBE AS	1							
6	3	172B03-70870	BUSH, 40X40SO	1							
7	2	172B03-70770	REPAIR KIT, ROD AS	1							
9	3	172B16-72860	BUSH, PIN 40	1							
10	2	172B03-71330	SEAL KIT, PISTON	1							
13	2	172B03-71340	SEAL KIT, HEAD	1							
19	2	172B16-71200	SEAL, DUST PIN 40	4							
20	2	172B16-72090	NUT, LOCK	1							
21	2	172B16-72140	SLEEVE	1							
22	2	172B16-72150	RING, RETAINING	1							
23	2	172123-76122	ADAPTER PF1/2	2							
24	3	24319-000110	PACKING,HNBR-90 P 11	2							
25	2	24761-050000	NIPPLE, GREASE C	1							
26	1	172A25-81900	SHIM, 40X75X0.8	2							
27	1	172A46-81901	PIN, 40X123	1							
28	1	172B03-81950	PIN ASSY, 40X122	1							
29	1	172A47-81980	PLATE, LOCK	1							
30	1	172165-82580	SHIM, 40X75X0.5	2							
31	1	172165-82590	SHIM, 40X75X1.2	2							
32	1	22157-120000	WASHER, 12	1							
33	1	26013-100252	BOLT, M10X 25	2							
34	1	26013-120302	BOLT, M12X 30	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70800	CYLINDER ASSY, BLADE	1							1
1-1	1	172B03-70801	CYLINDER ASSY, BLADE	1						N	2
(A=MAF012)											
1-2	1	172B03-70801	CYLINDER ASSY, BLADE	1						Z	2
(A=*2023.03)											
2	2	172B03-70840	CONNECTOR ASSY, 3/8L	1							
3	2	172B03-70850	SEAL KIT, PISTON	1							
6	2	172B03-70860	SEAL SET, HEAD	1							
6-1	2	172B03-70861	SEAL KIT, HEAD	1						N	2
(A=MAF012)											
11	2	172B16-71200	SEAL, DUST PIN 40	4							
12	2	172B16-71210	ELBOW ASSY, 90 G1/4	1							
13	2	172B16-72140	SLEEVE	1							
14	2	172B16-72150	RING, RETAINING	1							
15	2	172B16-72430	NUT, LOCK	1							
16	2	172B16-72750	REPAIR KIT, TUBE AS	1							
18	3	172B16-72860	BUSH, PIN 40	1							
19	2	172B16-72760	REPAIR KIT, ROD AS	1							
21	3	172B16-72860	BUSH, PIN 40	1							
22	2	172B16-72870	HEAD	1							
23	2	172B16-72880	PISTON	1							
24	1	172B03-72900	COVER ASSY, BLADE	1							
25	1	26106-100122	BOLT, M10X 12 PLATED	3							

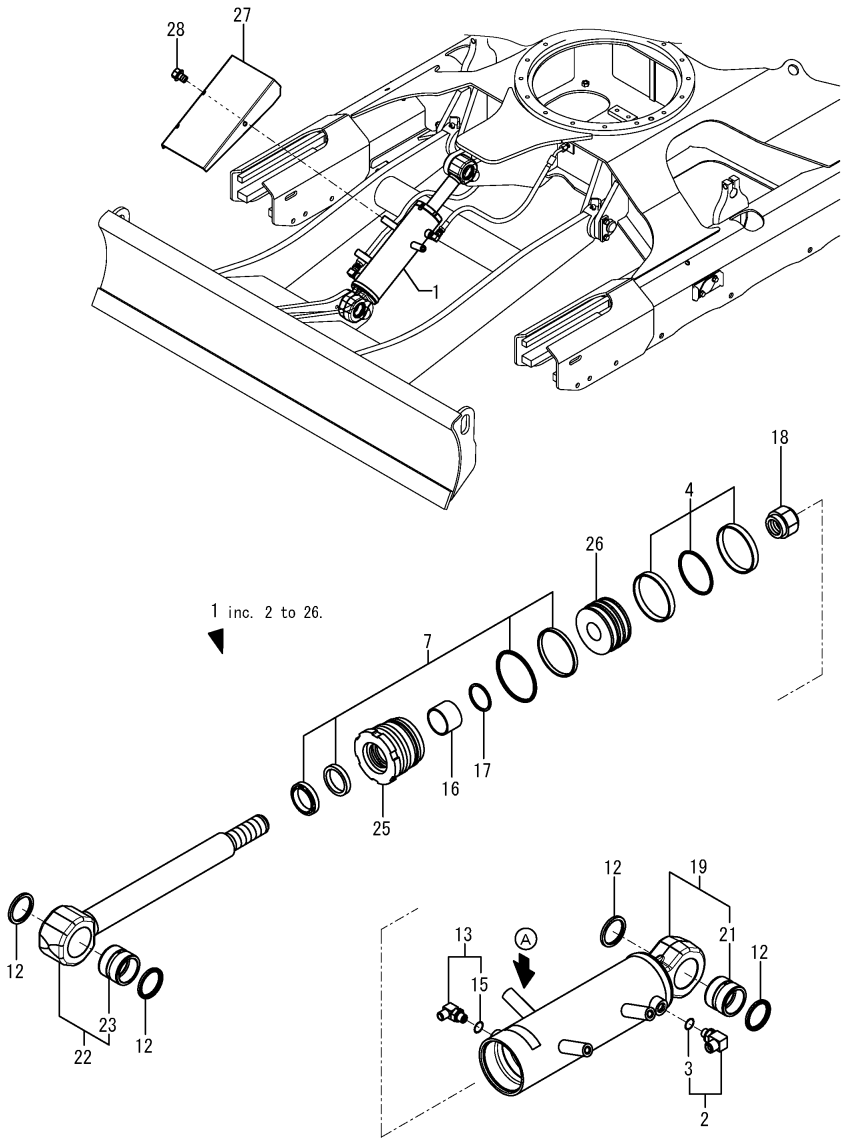
Remarks
(1)A : There is serial No.(K1621XXX).
(2)A : There is serial No.(K1621XXX)(K1622X)(K1623XXX)
Interchangeable by Fig.177(77A) No.1 The inner parts are not compatible.

Fig.177. (77A)BLADE CYLINDER(FROM MAR. 2023)

OCK50-M00290 Fig.177

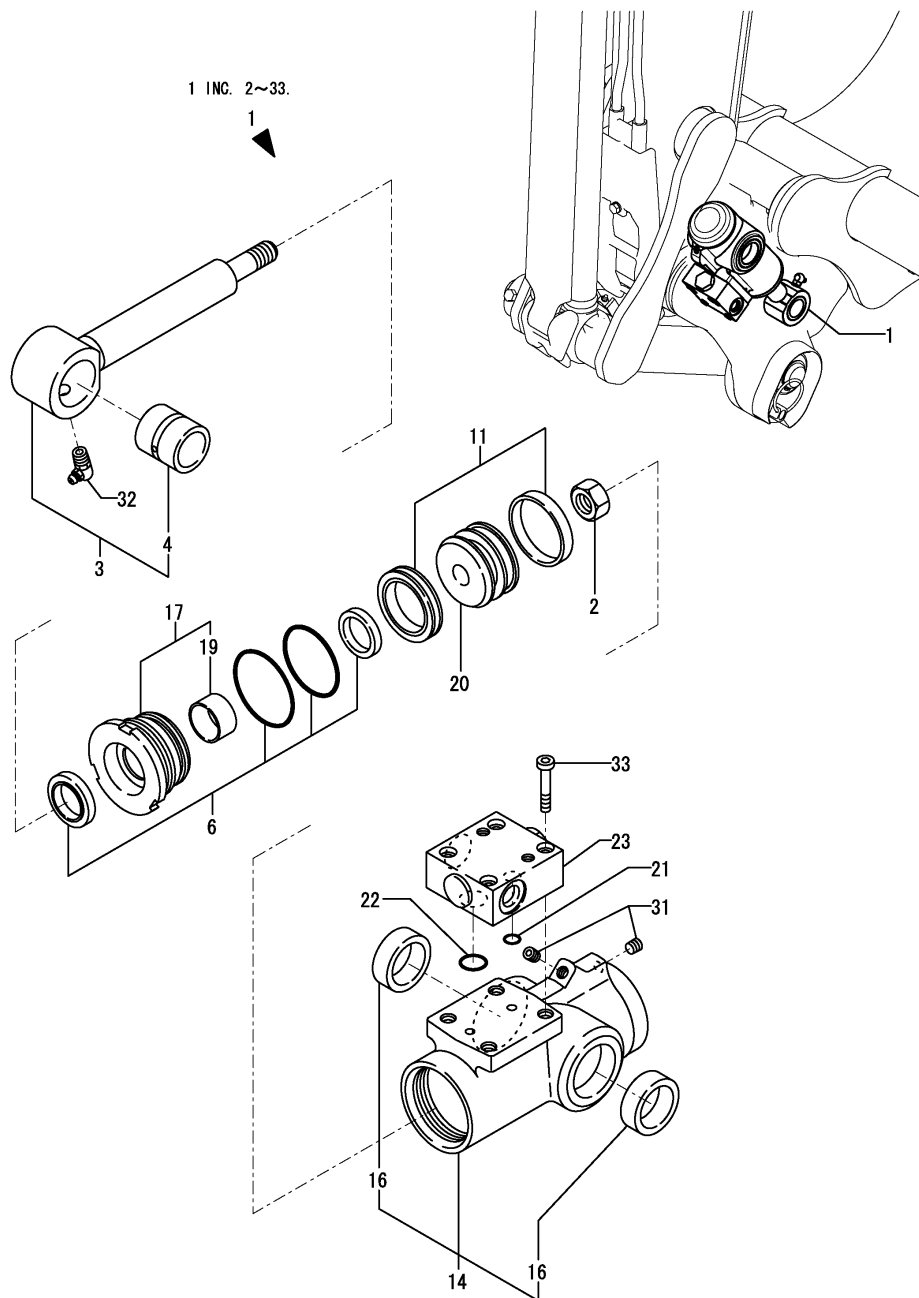
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



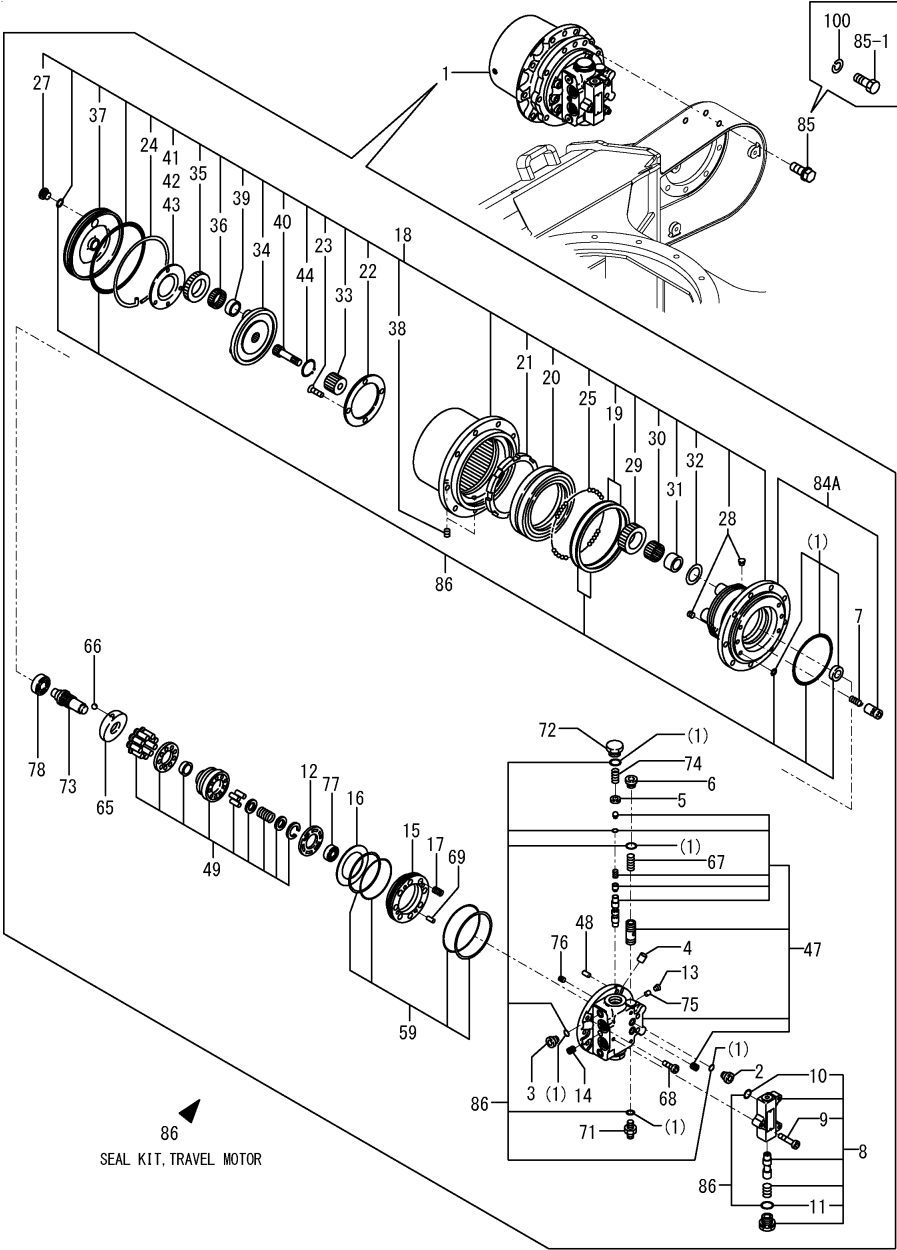
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-70802	CYLINDER ASSY, BLADE	1						W	1
(A=*2023.03)											
2	2	172173-76121	CONNECTOR ASSY	1							
3	3	24315-000110	O-RING, 1BP11.0	1							
4	2	172B16-72770	SEAL KIT, PISTON	1							
7	2	172B16-72781	SEAL KIT, HEAD	1							
12	2	172B16-71200	SEAL, DUST PIN 40	4							
13	2	172141-76181	CONNECTOR ASSY, 02FF	1							
15	3	41851-000110	O-RING, P11.0 HNBR	1							
16	2	172B16-72140	SLEEVE	1							
17	2	172B16-72150	RING, RETAINING	1							
18	2	172B16-72430	NUT, LOCK	1							
19	2	172B16-72750	REPAIR KIT, TUBE AS	1							
21	3	172B16-72860	BUSH, PIN 40	1							
22	2	172B16-72760	REPAIR KIT, ROD AS	1							
23	3	172B16-72850	ROD ASSY	1							
25	2	172B16-72870	HEAD	1							
26	2	172B16-72881	PISTON	1							
27	1	172B03-72900	COVER ASSY, BLADE	1							
28	1	26106-100122	BOLT, M10X 12 PLATED	3							

Remarks
(1)A : There is serial No.(K1624XXX).



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-72801-N	CYLINDER ASSY, HITCH	1							
2	2	172156-72400	U-NUT, M14	1							
3	2	172958-72750	ROD ASSY, HITCH	1							
4	3	172156-72770	BUSH, PIN 25 35 B	1							
6	2	172958-72760	SEAL SET, HEAD 50X25	1							
11	2	172958-72770	SEAL SET,PISTON 50-2	1							
14	2	172958-72811-N	TUBE ASSY, HITCH	1							
16	3	172958-72970	BUSH, 30-40-13	2							
17	2	172958-72860	HEAD ASSY, 50 25	1							
19	3	24550-025150	BUSH, 25X15	1							
20	2	172958-72890	PISTON, 50 25	1							
21	2	172958-72950	O-RING, P8	1							
22	2	172958-72960	O-RING, P14	1							
23	2	172958-72983-N	VALVE ASSY, OPERATE	1							
31	2	23871-005000	PLUG, R005	2							
32	2	24761-050000	NIPPLE, GREASE C	1							
33	2	26450-060302	BOLT, M6X 30	4							

Fig.79. TRAVEL MOTOR



(A)=VIO30-6A P(KR)
(B)=
(C)=

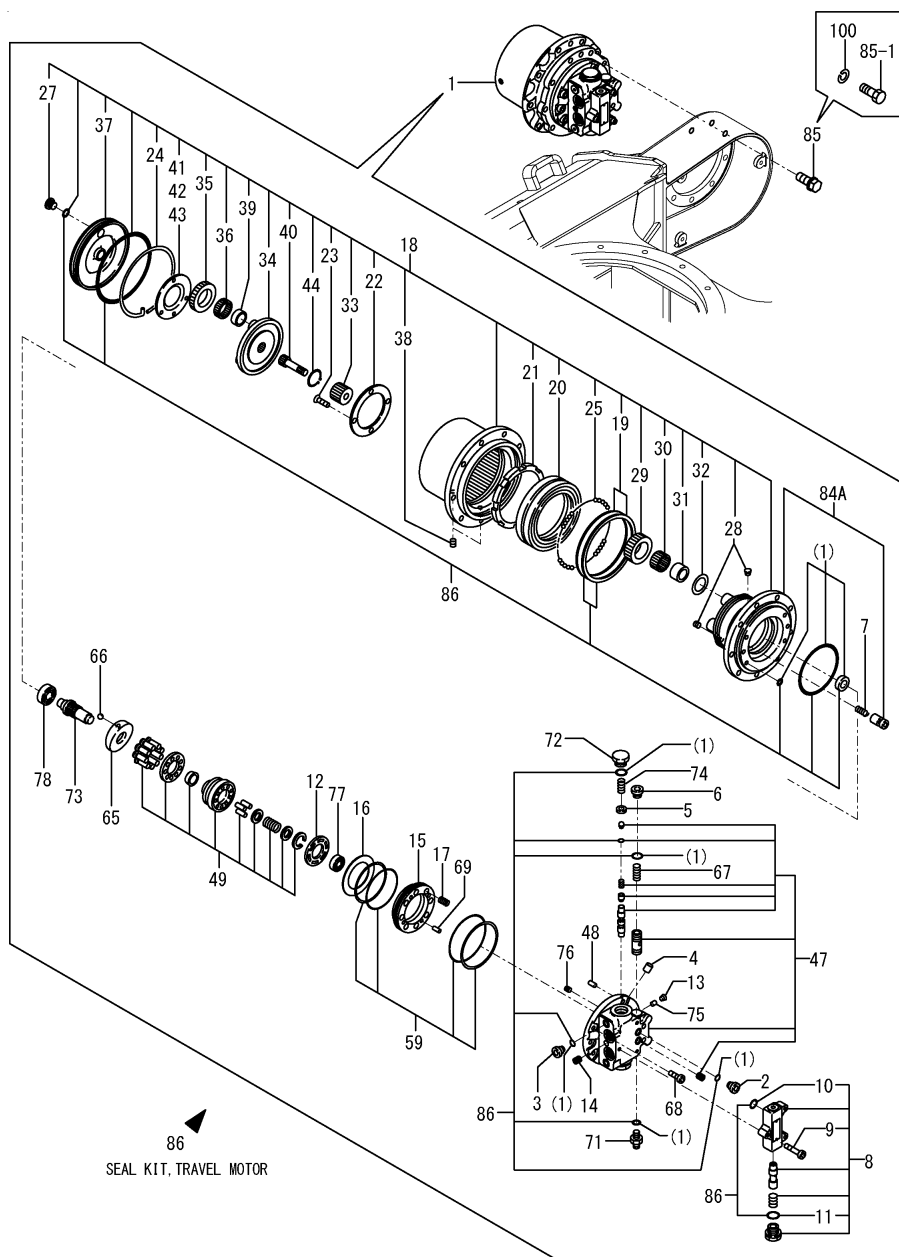
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-73300	MOTOR ASSY, TRAVEL	2							
2	2	1A6240-37360	PLUG	4							
3	2	172148-70301	PLUG	4							
4	2	172148-70340	ORIFICE	8							
5	2	172122-70460	SEAT, SPRING	4							
6	2	172147-70500	PLUG	2							
7	2	172168-71951	SPRING	4							
8	2	172B03-73320	VALVE ASSY	2							
9	3	172A47-73320	BOLT, SOCKET HEAD	6							
10	3	24315-000120	O-RING, 1BP12.0	6							
11	3	24315-000140	O-RING, 1BP14.0	4							
12	2	172638-73330	PLATE, VALVE	2							
13	2	172B03-73330	PLUG	6							
14	2	172B03-73340	PLUG, M10X1.5	2							
15	2	172B03-73350	PISTON, BRAKE	2							
16	2	172B03-73360	DISK	2							
17	2	172B03-73370	SPRING	16							
18	2	172B03-73410	GEAR ASSY, REDUCTION	2							
19	3	172141-70020	SEAL, FLOATING	2							
20	3	172141-70030	BEARING, ANGULAR	2							
21	3	172141-70041	NUT, RING	2							
22	3	172141-70100	PLATE, THRUST	2							
23	3	172141-70110	SCREW	8							
24	3	172141-70230	WIRE	2							
25	3	172122-70350	BALL, STEEL	264							
27	3	172147-70500	PLUG	4							
28	3	172450-73330	PLUG	4							
29	3	172450-73350	GEAR, PLANETARY B	8							
30	3	172450-73360	BEARING, NEEDLE	8							
31	3	172450-73370	LACE, INNER	8							
32	3	172450-73380	WASHER, THRUST	8							
33	3	172450-73390	GEAR, SUN	2							
34	3	172450-73400	HOLDER	2							
35	3	172450-73410	GEAR, PLANETARY A	6							
36	3	172450-73420	BEARING, NEEDLE	6							
37	3	172B03-73420	COVER	2							
38	3	172122-73430	PLUG	4							
39	3	172450-73430	LACE, INNER	6							
40	3	172450-73440	GEAR, DRIVE	2							
41	3	172450-73450	PLATE, THRUST	2							
42	3	172450-73460	PLATE, THRUST	2							
43	3	172450-73470	PLATE, THRUST	2							
44	3	22242-000350	RING, 35	2							
47	2	172B03-73460	REPAIR KIT, PLATE	2							
48	2	172122-73470	PIN	2							
49	2	172B03-73470	REPAIR KIT, BLOCK	2							
49-1	2	172B03-73471	REPAIR KIT,CYL BLOCK	2							N
(A=MAF014)											
59	2	172B03-73480	SEAL KIT, BRAKE	2							
65	2	172450-73501	PLATE, SWASH	2							
66	2	172450-73510	BALL, STEEL	4							

Remarks

(1)Interchangeable by simultaneous replacement with No.100.

Fig.79. TRAVEL MOTOR



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

[illegible]

(1) Interchangeable by simultaneous replacement with No.100.

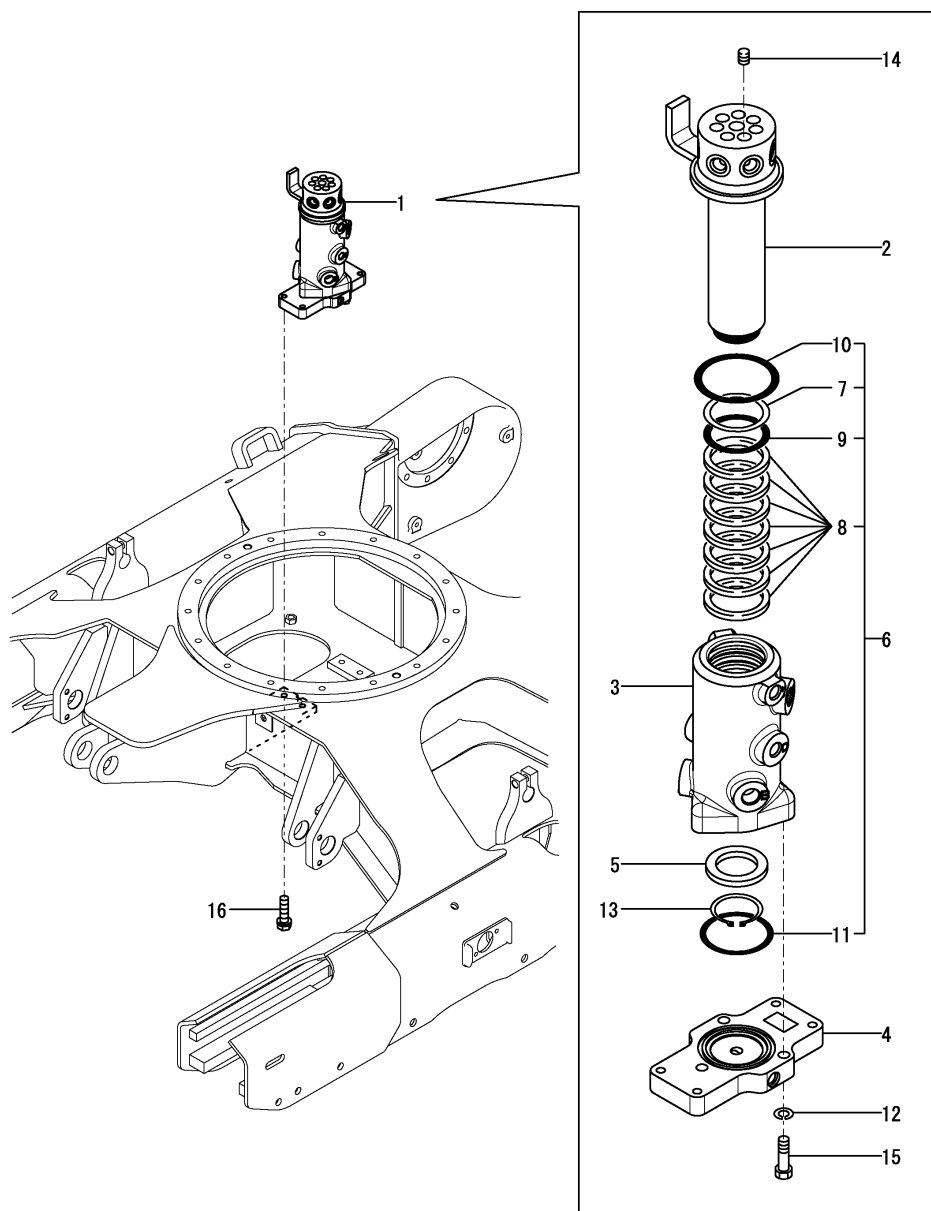
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.80. TURNING MOTOR

(A)=VIO30-6A P(KR)
(B)=
(C)=

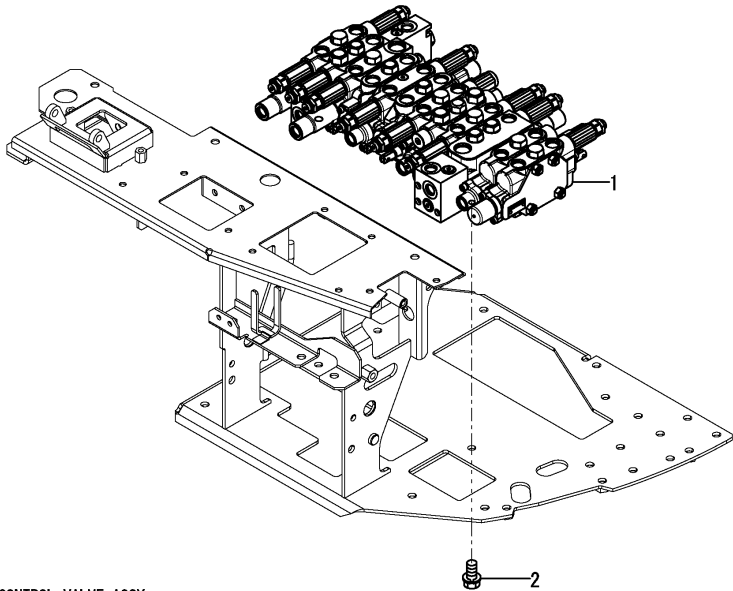
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-29140	BOLT	6							
2	1	172458-73712	MOTOR ASSY, SWING	1							
3	2	1A6240-37360	PLUG	1							
4	2	1A6240-37360	PLUG	2							
6	2	172147-70280	COLLAR	1							
7	2	172148-70301	PLUG	1							
8	2	172147-70331	HOLDER, RETAINER	1							
9	2	172124-70380	ORIFICE	1							
10	2	172124-70390	BOLT, SOCKET	5							
11	2	172124-70390	BOLT, SOCKET	2							
12	2	172147-70390	BEARING, BALL	1							
13	2	172147-70500	PLUG	2							
15	2	172122-70630	RING, SNAP	1							
16	2	172122-73470	PIN	1							
17	2	172638-73470	SPRING	2							
18	2	172423-73530	PLATE, RETAINER	1							
19	2	172A45-73730	CASE	1							
20	2	172459-73740	COVER	1							
21	2	172450-73830	COLLAR	1							
22	2	172450-73850	WASHER, THRUST	3							
23	2	172450-73860	RACE, INNER	3							
24	2	172450-73870	BEARING, NEEDLE	3							
25	2	172458-73970	GEAR, PLANETARY	3							
26	2	172458-73980	PLATE, THRUST	1							
27	2	172458-73990	GEAR, DRIVE	1							
28	2	172458-74310	BALL BEARING	1							
29	2	172458-74320	SHAFT	1							
30	2	172458-74330	PLATE, VALVE	1							
31	2	172458-74340	VALVE ASSY, RELIEF	2							
33	2	172450-77050	PLATE, THRUST	1							
34	2	172450-77070	SPRING	1							
35	2	172450-77080	WASHER	1							
36	2	172450-77090	PIN	3							
37	2	172450-77110	DISK	1							
38	2	172450-77120	PISTON, BRAKE	1							
39	2	172450-77130	SEAT, SPRING	2							
40	2	172450-77140	SPRING ASSY, DISK	1							
41	2	172450-77170	PIN	2							
42	2	172450-77190	VALVE, CHECK	2							
53	2	172A45-73720	HOUSING ASSY	1							
54	3	172450-73751	SEAL, OIL	1							
67	3	172458-73960	COLLAR	1							
68	2	172450-77220	BLOCK KIT, CYLINDER	1							
71	1	172458-74910	REPAIR KIT	1							

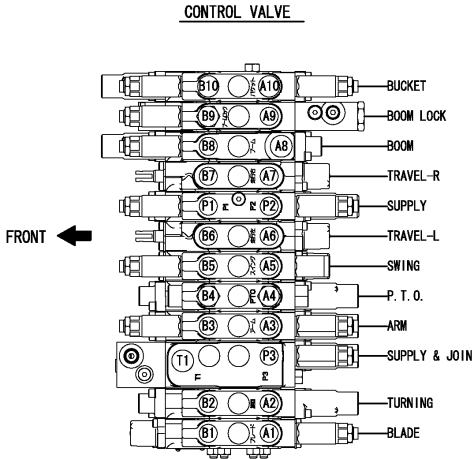


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-73800	JOINT ASSY, SWIVEL	1							
2	2	172B02-73810	SHAFT ASSY, SWIVEL	1							
3	2	172B02-73840	HUB, SWIVEL	1							
4	2	172B02-73850	FLANGE, SWIVEL	1							
5	2	172B02-73860	SPACER, SWIVEL	1							
6	2	172B02-73910	SEAL KIT, SWIVEL	1							
7	3	172B02-73880	RING, BACKUP T3 55	1							
8	3	172B02-73890	SEAL, SWIVEL	7							
9	3	24315-000560	O-RING, 1BP56.0	1							
10	3	24315-000750	O-RING, 1BP75.0	1							
11	3	24325-000700	O-RING, 1BG70.0	1							
12	2	22217-100000	WASHER, SPRING 10	3							
13	2	22242-000451	RING, 45	1							
14	2	23871-020000	PLUG, R02	7							
15	2	26076-100352	BOLT, 10.910X 35	3							
16	1	26013-100402	BOLT, M10X 40	4							

Fig.82. CONTROL VALVE(1/7)(P.T.O. LEVER SWITCH SPEC.)



CONTROL VALVE ASSY
Fig. 82 Ref. No. 1.
INC. Fig. 83~88.

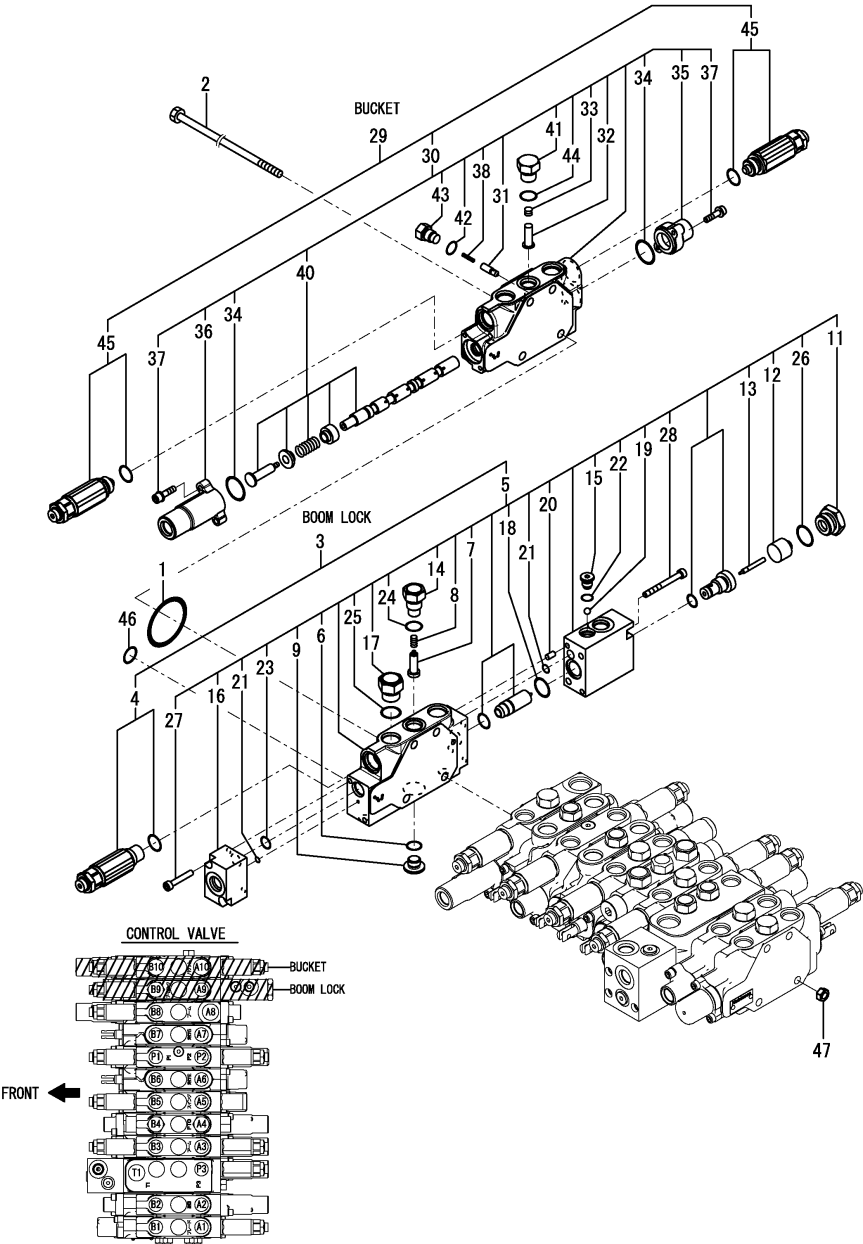


(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-74120	VALVE ASSY,CV EX	1							
2	1	26013-100162	BOLT, SPRING M10X 16	3							

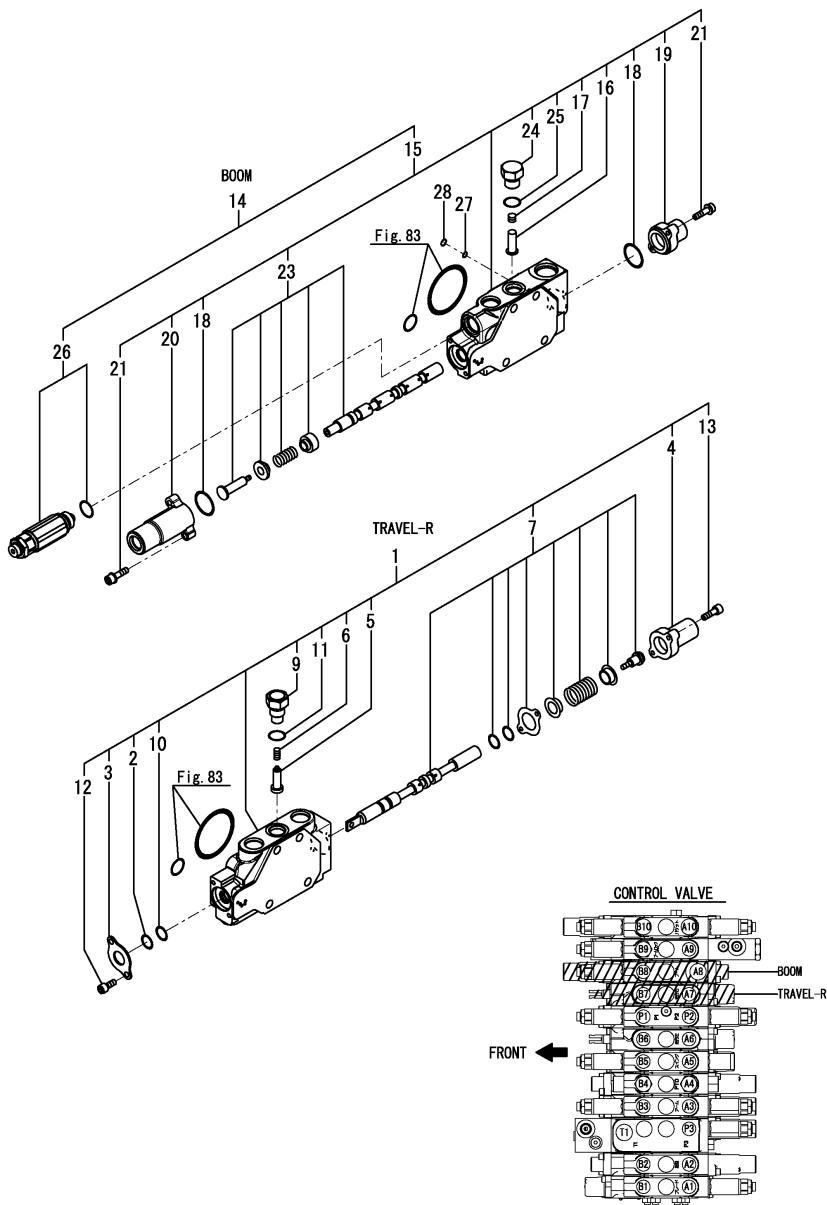
Fig.83. CONTROL VALVE(2/7)(P.T.O. LEVER SWITCH SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-74720	O-RING	11							
2	2	172458-74730	BOLT	4							
3	2	172B02-74890	VALVE ASSY, LOCK	1							
4	3	172456-74440	VALVE, RELIEF	1							
5	3	172B02-74450	SECTION ASSY, LOCK	1							
6	4	172A47-74270	O-RING	1							
7	4	172458-74290	VALVE, REVERSE	1							
8	4	172458-74360	SPRING, VALVE	1							
9	4	172A47-74460	PLUG	1							
11	4	172A47-74560	BUSH PF1/2X1/4	1							
12	4	172A47-74570	PISTON B	1							
13	4	172A47-74580	PISTON A1	1							
14	4	172458-74640	STAY, VALVE	1							
15	4	172A47-74920	HOLDER, BALL	1							
16	4	172A47-74930	BODY, DISCHARGE	1							
17	4	172A47-75620	STAY, VALVE	1							
18	4	172A47-75680	O-RING	1							
19	4	172A47-75690	BALL, STEEL	1							
20	4	22312-050100	PIN, PARALLEL M5X10	2							
21	4	24311-000060	O-RING, 1AP6.0	2							
22	4	24315-000080	O-RING, 1BP8.0	1							
23	4	24315-000100	O-RING, 1BP10.0	1							
24	4	24315-000110	O-RING, 1BP11.0	1							
25	4	24315-000140	O-RING, 1BP14.0	1							
26	4	24315-000180	O-RING, 1BP18.0	1							
27	4	26450-050302	BOLT, M5X 30	2							
28	4	26450-060652	BOLT, M6X 65	2							
29	2	172B02-74900	VALVE ASSY, BUCKET	1							
30	3	172B02-74470	SECTION ASSY, BUCKET	1							
31	4	172499-70180	VALVE ASSY, REVERSE	1							
32	4	172458-74150	VALVE, REVERSE	1							
33	4	172458-74160	SPRING, VALVE	1							
34	4	172458-74230	O-RING	2							
35	4	172458-74240	COVER, PILOT	1							
36	4	172458-74250	COVER, PILOT	1							
37	4	172458-74260	BOLT	4							
38	4	172173-74280	SPRING	1							
40	4	172B02-74490	SPOOL ASSY, BUCKET	1							
41	4	172458-74630	STAY, VALVE	1							
42	4	172A47-74950	O-RING	1							
43	4	172A47-74970	STAY, VALVE	1							
44	4	24315-000110	O-RING, 1BP11.0	1							
45	3	172458-74710	VALVE, RELIEF	2							
46	2	24311-000200	O-RING, 1AP20.0	11							
47	2	26716-080002	NUT, M8	4							

Remarks
* Control valve assy is shown in Fig.82.

Fig.84. CONTROL VALVE(3/7)(P.T.O. LEVER SWITCH SPEC.)



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

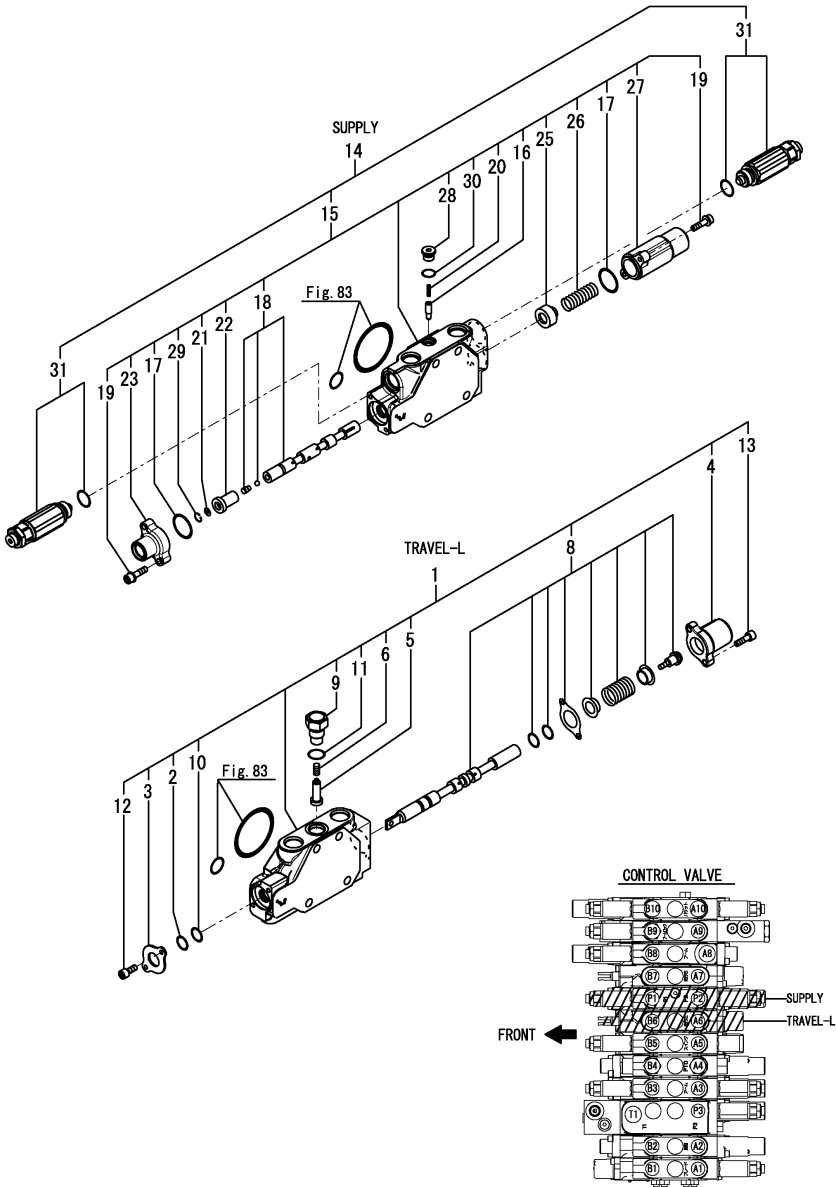
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74400	SECTION ASSY,TRAVEL2	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, VALVE	1							
7	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74880	VALVE ASSY, BOOM	1							
15	3	172B02-74420	SECTION ASSY, BOOM	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, VALVE	1							
18	4	172458-74230	O-RING	2							
19	4	172458-74240	COVER, PILOT	1							
20	4	172458-74250	COVER, PILOT	1							
21	4	172458-74260	BOLT	4							
23	4	172B02-74440	SPOOL ASSY, BOOM	1							
24	4	172458-74630	STAY, VALVE	1							
25	4	24315-000110	O-RING, 1BP11.0	1							
26	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
27	2	24315-000090	O-RING, 1BP9.0	1							
28	2	24315-000100	O-RING, 1BP10.0	1							

Remarks
* Control valve assy is shown in Fig.82.

Fig.85. CONTROL VALVE(4/7)(P.T.O. LEVER SWITCH SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



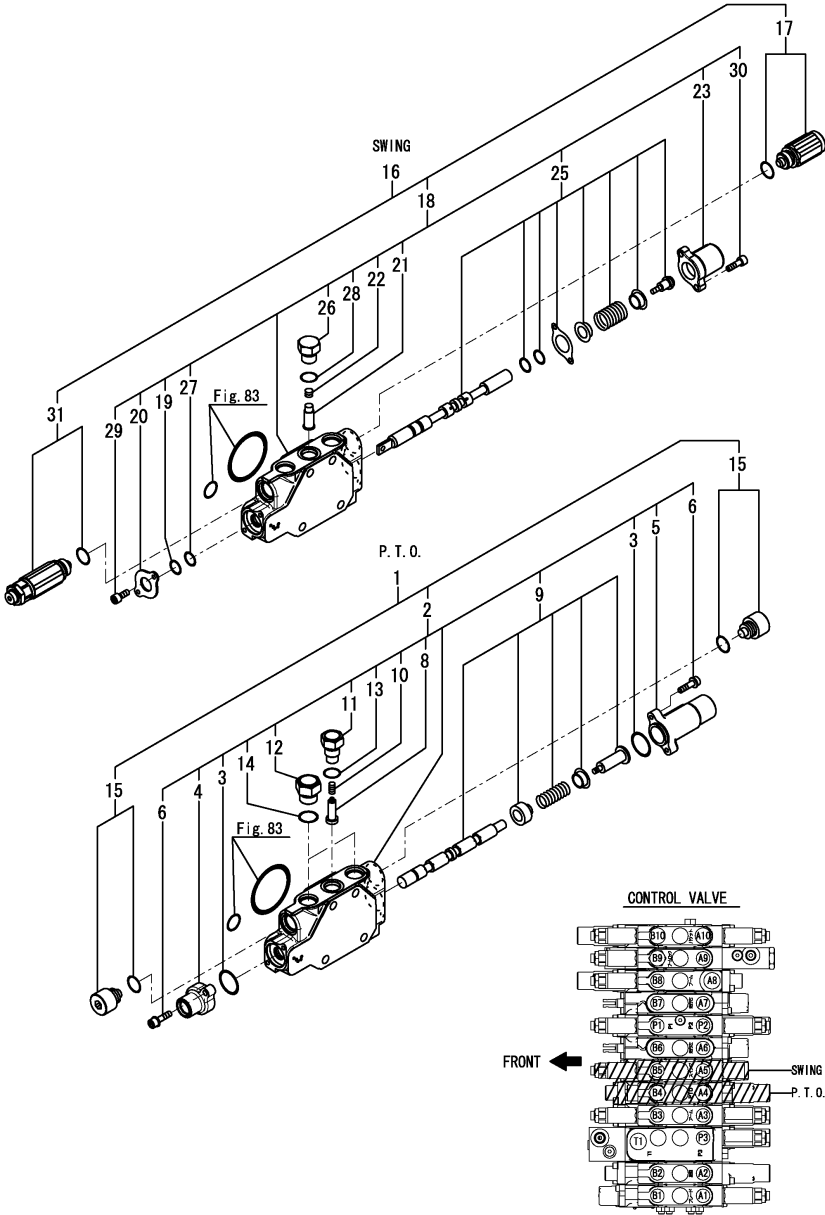
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74350	SECTION ASSY,TRAVEL1	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, CHECK VALVE	1							
8	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, CHECK VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74870	VALVE ASSY, INLET	1							
15	3	172B02-74380	SECTION ASSY, INLET	1							
16	4	172499-70180	VALVE ASSY, REVERSE	1							
17	4	172458-74230	O-RING, 1B S22	2							
18	4	172A46-74250	SPOOL ASSY, INLET	1							
19	4	172458-74260	BOLT, HEXAGON 5X20	4							
20	4	172173-74280	SPRING, CHECK	1							
21	4	172A47-74360	FILTER	1							
22	4	172A47-74370	PISTON	1							
23	4	172A47-74380	COVER, PILOT B5	1							
25	4	172458-74530	SEAT, SPRING	1							
26	4	172458-74540	SPRING, RETURN	1							
27	4	172458-74550	COVER, PILOT A2	1							
28	4	172458-74670	PLUG, PF1/8	1							
29	4	172A47-74980	CIRCLIP	1							
30	4	24315-000080	O-RING, 1BP8.0	1							
31	3	172B02-74710	RELIEF ASSY, 20.6	2							
31-1	3	172A85-74680	RELIEF, 210/30	2							R
(A=MAF014)											

Remarks
* Control valve assy is shown in Fig.82.

Fig.86. CONTROL VALVE(5/7)(P.T.O. LEVER SWITCH SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

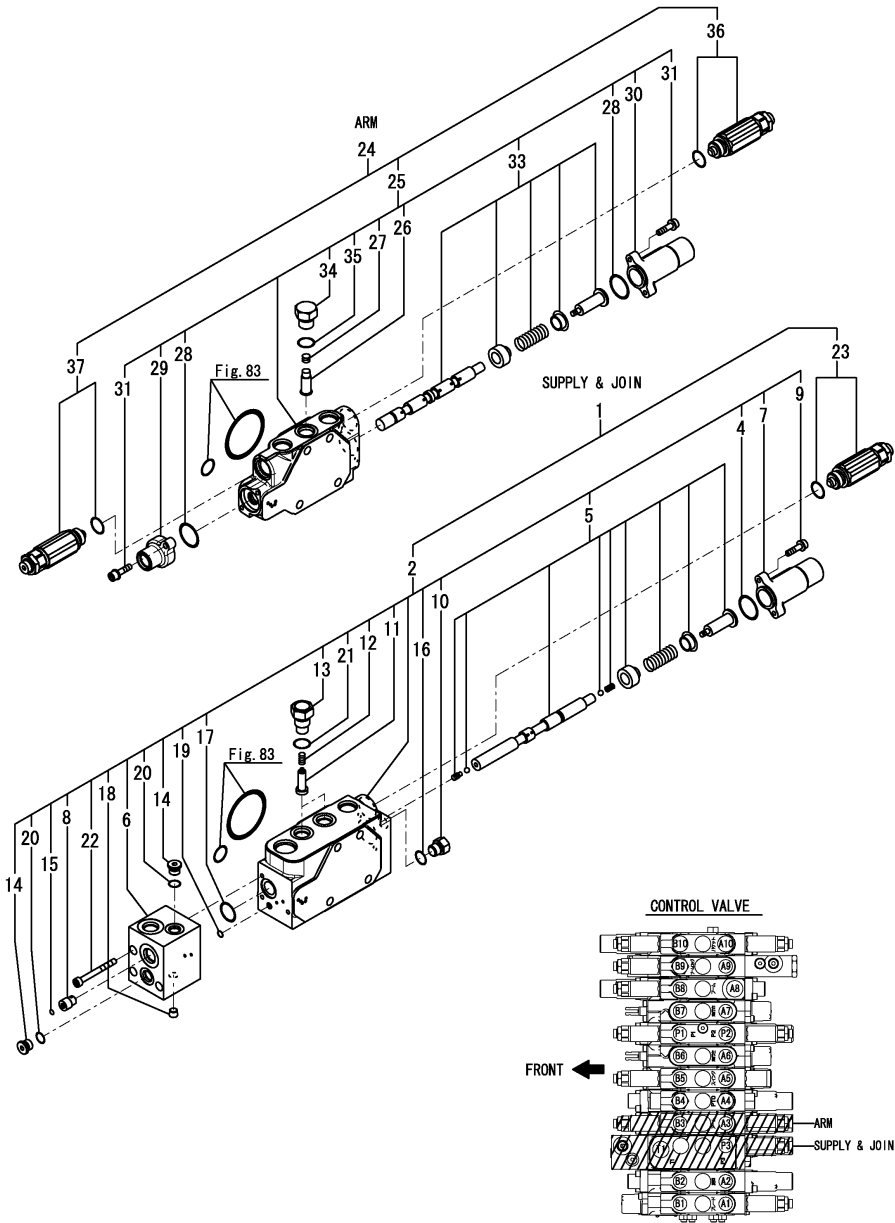
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74850	VALVE ASSY, PTO	1							
2	3	172B02-74290	SECTION ASSY, PTO	1							
3	4	172458-74230	O-RING	2							
4	4	172458-74240	COVER, PILOT	1							
5	4	172458-74250	COVER, PILOT	1							
6	4	172458-74260	BOLT	4							
8	4	172490-74310	VALVE, REVERSE	1							
9	4	172B02-74310	SPOOL ASSY, PTO	1							
10	4	172490-74320	SPRING, VALVE	1							
11	4	172490-74330	STAY, VALVE	1							
12	4	172A47-75620	STAY, VALVE	2							
13	4	24315-000110	O-RING, 1BP11.0	1							
14	4	24315-000140	O-RING, 1BP14.0	2							
15	3	172A47-75460	PLUG ASSY, VALVE	2							
16	2	172B02-74860	VALVE ASSY, B SWING	1							
17	3	172447-74230	ANTI-CAVITATION	1							
18	3	172B02-74320	SECTION ASSY,B SWING	1							
19	4	172458-74130	WIPER, DUST	1							
20	4	172458-74140	RETAINER, SEAL	1							
21	4	172458-74150	VALVE, REVERSE	1							
22	4	172458-74160	SPRING, VALVE	1							
23	4	172458-74170	CAP, SPRING	1							
25	4	172B02-74340	SPOOL ASSY, B SWING	1							
26	4	172458-74630	STAY, VALVE	1							
27	4	24311-000120	O-RING, 1AP12.0	1							
28	4	24315-000110	O-RING, 1BP11.0	1							
29	4	26450-050102	BOLT, M5X 10	2							
30	4	26450-050182	BOLT, M5X 18	2							
31	3	172458-74710	VALVE, RELIEF	1							

Remarks
* Control valve assy is shown in Fig.82.

Fig.87. CONTROL VALVE(6/7)(P.T.O. LEVER SWITCH SPEC.)



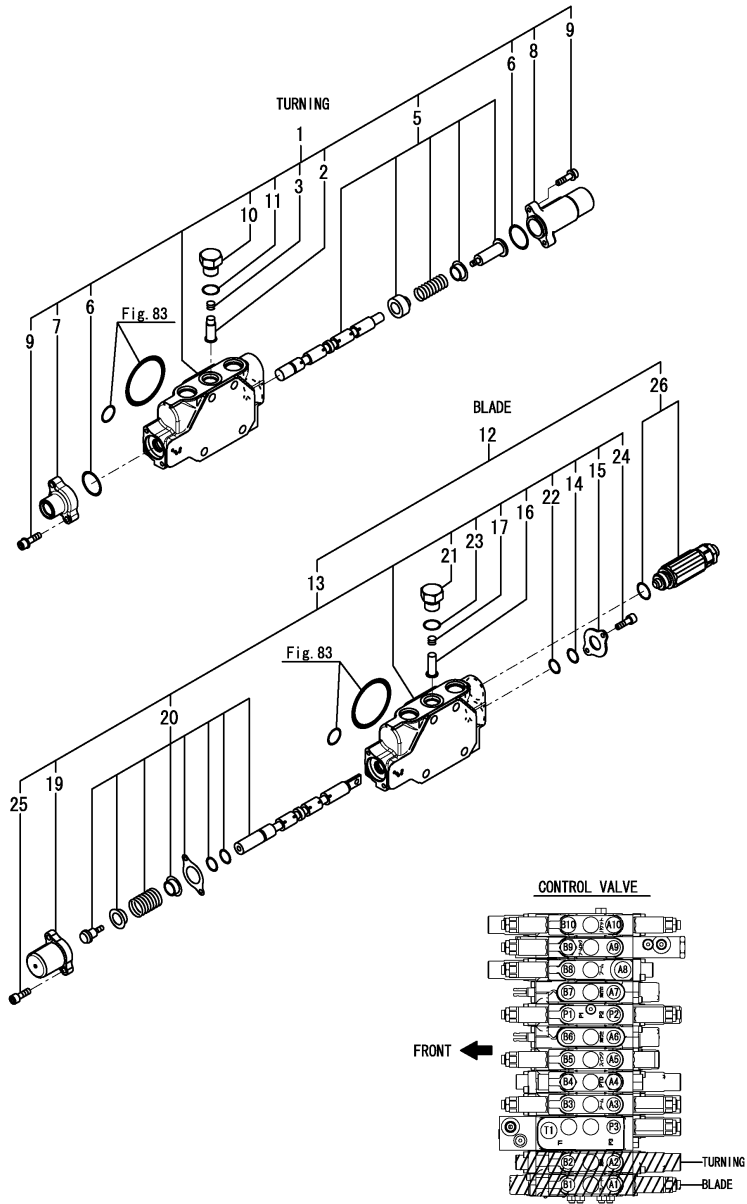
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74830	VALVE ASSY, CONFLUX	1							
2	3	172B02-74210	SECTION ASSY,CONFLUX	1							
4	4	172458-74230	O-RING	1							
5	4	172B02-74230	SPOOL ASSY, CONFLUX	1							
6	4	172B02-74240	BLOCK, PILOT	1							
7	4	172458-74250	COVER, PILOT	1							
8	4	172B02-74250	PLUG, THROTTLE	1							
9	4	172458-74260	BOLT	2							
10	4	172A47-74260	PLUG	1							
11	4	172458-74290	VALVE, REVERSE	2							
12	4	172458-74360	SPRING, VALVE	2							
13	4	172458-74640	STAY, VALVE	2							
14	4	172458-74670	PLUG	2							
15	4	172499-74860	FILTER	1							
16	4	172A47-74950	O-RING	1							
17	4	172A47-75680	O-RING	1							
18	4	172A47-75720	PLUG NPT1/16	1							
19	4	24315-000050	O-RING, 1BP5.0	2							
20	4	24315-000080	O-RING, 1BP8.0	2							
21	4	24315-000110	O-RING, 1BP11.0	2							
22	4	26450-050502	BOLT, M5X 50	3							
23	3	172B02-74720	RELIEF ASSY, 19.6	1							
24	2	172B02-74840	VALVE ASSY, ARM	1							
25	3	172B02-74260	SECTION ASSY, ARM	1							
26	4	172458-74150	VALVE, REVERSE	1							
27	4	172458-74160	SPRING, VALVE	1							
28	4	172458-74230	O-RING	2							
29	4	172458-74240	COVER, PILOT	1							
30	4	172458-74250	COVER, PILOT	1							
31	4	172458-74260	BOLT	4							
33	4	172B02-74280	SPOOL ASSY, ARM	1							
34	4	172458-74630	STAY, VALVE	1							
35	4	24315-000110	O-RING, 1BP11.0	1							
36	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
37	3	172B02-74750	RELIEF ASSY,ORV 25.5	1							

Remarks
* Control valve assy is shown in Fig.82.

Fig.88. CONTROL VALVE(7/7)(P.T.O. LEVER SWITCH SPEC.)



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74180	SECTION ASSY, SWING	1							
2	3	172458-74150	VALVE, REVERSE	1							
3	3	172458-74160	SPRING, VALVE	1							
5	3	172B02-74200	SPOOL ASSY, SWING	1							
6	3	172458-74230	O-RING	2							
7	3	172458-74240	COVER, PILOT	1							
8	3	172458-74250	COVER, PILOT	1							
9	3	172458-74260	BOLT	4							
10	3	172458-74630	STAY, VALVE	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	2	172B02-74820	VALVE ASSY, BLADE	1							
13	3	172B02-74150	SECTION ASSY, BLADE	1							
14	4	172458-74130	WIPER, DUST	1							
15	4	172458-74140	RETAINER, SEAL	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, VALVE	1							
19	4	172458-74170	CAP, SPRING	1							
20	4	172B02-74170	SPOOL ASSY, BLADE	1							
21	4	172458-74630	STAY, VALVE	1							
22	4	24311-000120	O-RING, 1AP12.0	1							
23	4	24315-000110	O-RING, 1BP11.0	1							
24	4	26450-050102	BOLT, M5X 10	2							
25	4	26450-050182	BOLT, M5X 18	2							
26	3	172B02-74730	RELIEF ASSY,ORV 9.8	1							

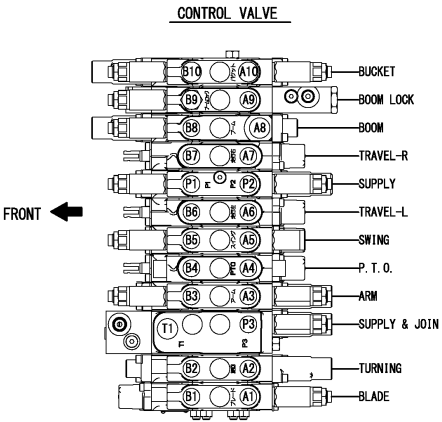
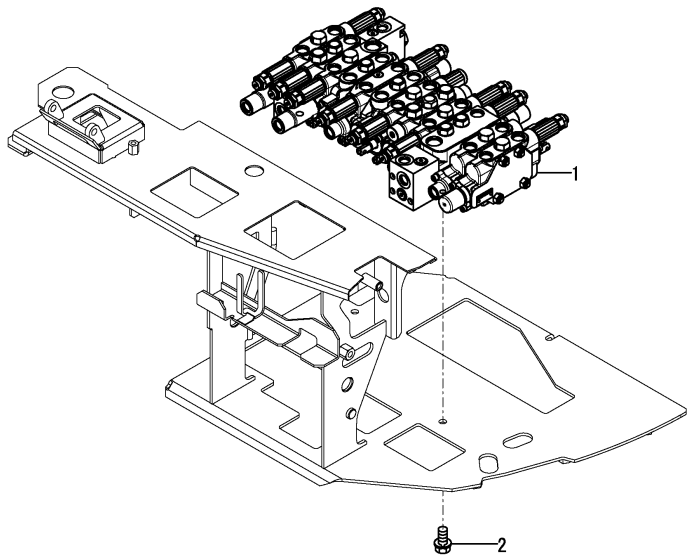
Remarks
* Control valve assy is shown in Fig.82.

Fig.141. (88A)CONTROL VALVE(1/7)(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-74110	VALVE ASSY,CV JP	1							1
2	1	26013-100162	BOLT, SPRING M10X 16	3							



Remarks
(1)Inner parts are shown in Fig.147 from Fig.142.

Fig.142. (88B)CONTROL VALVE(2/7)(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-74720	O-RING	11							
2	2	172458-74730	BOLT	4							
3	2	172B02-74890	VALVE ASSY, LOCK	1							
4	3	172456-74440	VALVE, RELIEF	1							
5	3	172B02-74450	SECTION ASSY, LOCK	1							
6	4	172A47-74270	O-RING	1							
7	4	172458-74290	VALVE, REVERSE	1							
8	4	172458-74360	SPRING, VALVE	1							
9	4	172A47-74460	PLUG	1							
11	4	172A47-74560	BUSH PF1/2X1/4	1							
12	4	172A47-74570	PISTON B	1							
13	4	172A47-74580	PISTON A1	1							
14	4	172458-74640	STAY, VALVE	1							
15	4	172A47-74920	HOLDER, BALL	1							
16	4	172A47-74930	BODY, DISCHARGE	1							
17	4	172A47-75620	STAY, VALVE	1							
18	4	172A47-75680	O-RING	1							
19	4	172A47-75690	BALL, STEEL	1							
20	4	22312-050100	PIN, PARALLEL M5X10	2							
21	4	24311-000060	O-RING, 1AP6.0	2							
22	4	24315-000080	O-RING, 1BP8.0	1							
23	4	24315-000100	O-RING, 1BP10.0	1							
24	4	24315-000110	O-RING, 1BP11.0	1							
25	4	24315-000140	O-RING, 1BP14.0	1							
26	4	24315-000180	O-RING, 1BP18.0	1							
27	4	26450-050302	BOLT, M5X 30	2							
28	4	26450-060652	BOLT, M6X 65	2							
29	2	172B02-74900	VALVE ASSY, BUCKET	1							
30	3	172B02-74470	SECTION ASSY, BUCKET	1							
31	4	172499-70180	VALVE ASSY, REVERSE	1							
32	4	172458-74150	VALVE, REVERSE	1							
33	4	172458-74160	SPRING, VALVE	1							
34	4	172458-74230	O-RING	2							
35	4	172458-74240	COVER, PILOT	1							
36	4	172458-74250	COVER, PILOT	1							
37	4	172458-74260	BOLT	4							
38	4	172173-74280	SPRING	1							
40	4	172B02-74490	SPOOL ASSY, BUCKET	1							
41	4	172458-74630	STAY, VALVE	1							
42	4	172A47-74950	O-RING	1							
43	4	172A47-74970	STAY, VALVE	1							
44	4	24315-000110	O-RING, 1BP11.0	1							
45	3	172458-74710	VALVE, RELIEF 260/5	2							
46	2	24311-000200	O-RING, 1AP20.0	11							
47	2	26716-080002	NUT, M8	4							

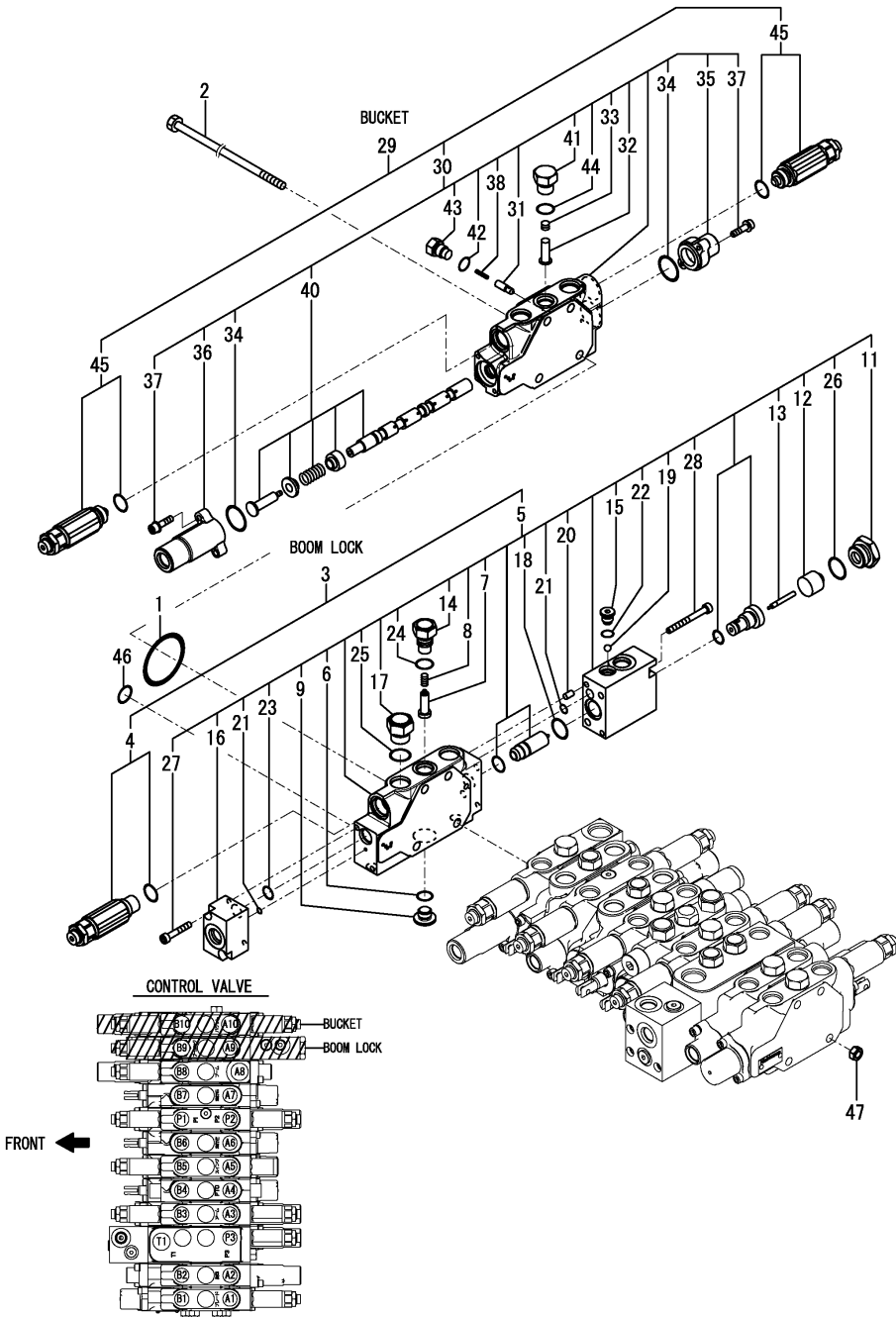


Fig.143. (88C)CONTROL VALVE(3/7)(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74400	SECTION ASSY,TRAVEL2	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, VALVE	1							
7	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74880	VALVE ASSY, BOOM	1							
15	3	172B02-74420	SECTION ASSY, BOOM	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, VALVE	1							
18	4	172458-74230	O-RING	2							
19	4	172458-74240	COVER, PILOT	1							
20	4	172458-74250	COVER, PILOT	1							
21	4	172458-74260	BOLT	4							
23	4	172B02-74440	SPOOL ASSY, BOOM	1							
24	4	172458-74630	STAY, VALVE	1							
25	4	24315-000110	O-RING, 1BP11.0	1							
26	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
27	2	24315-000090	O-RING, 1BP9.0	1							
28	2	24315-000100	O-RING, 1BP10.0	1							

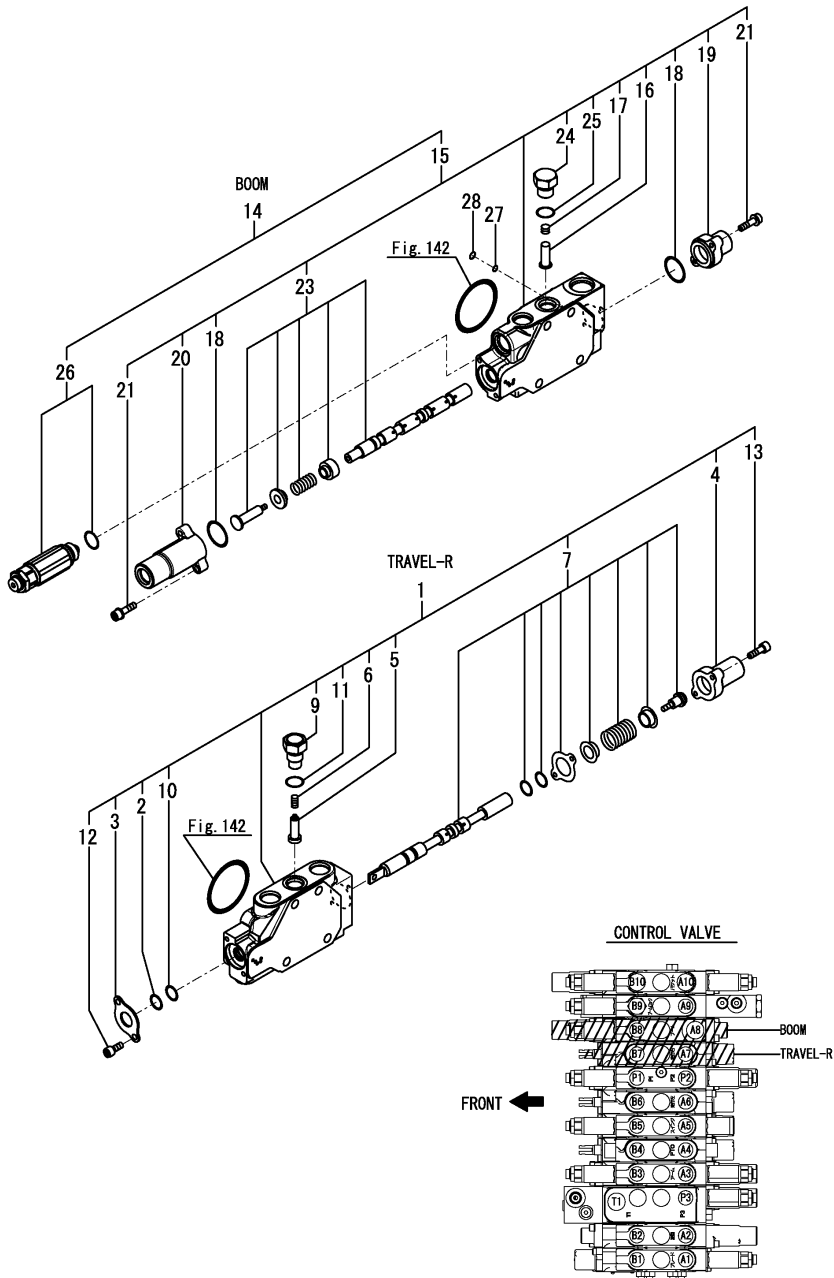
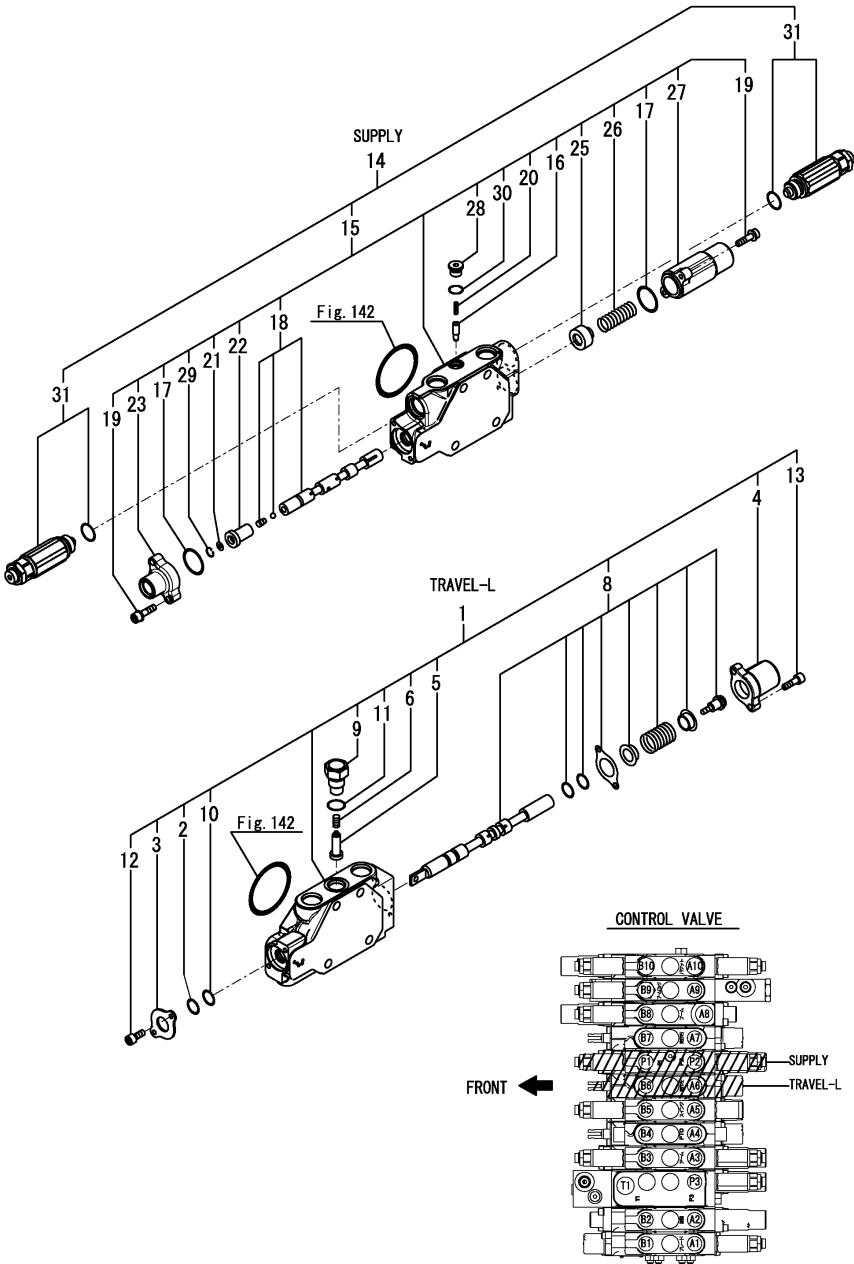


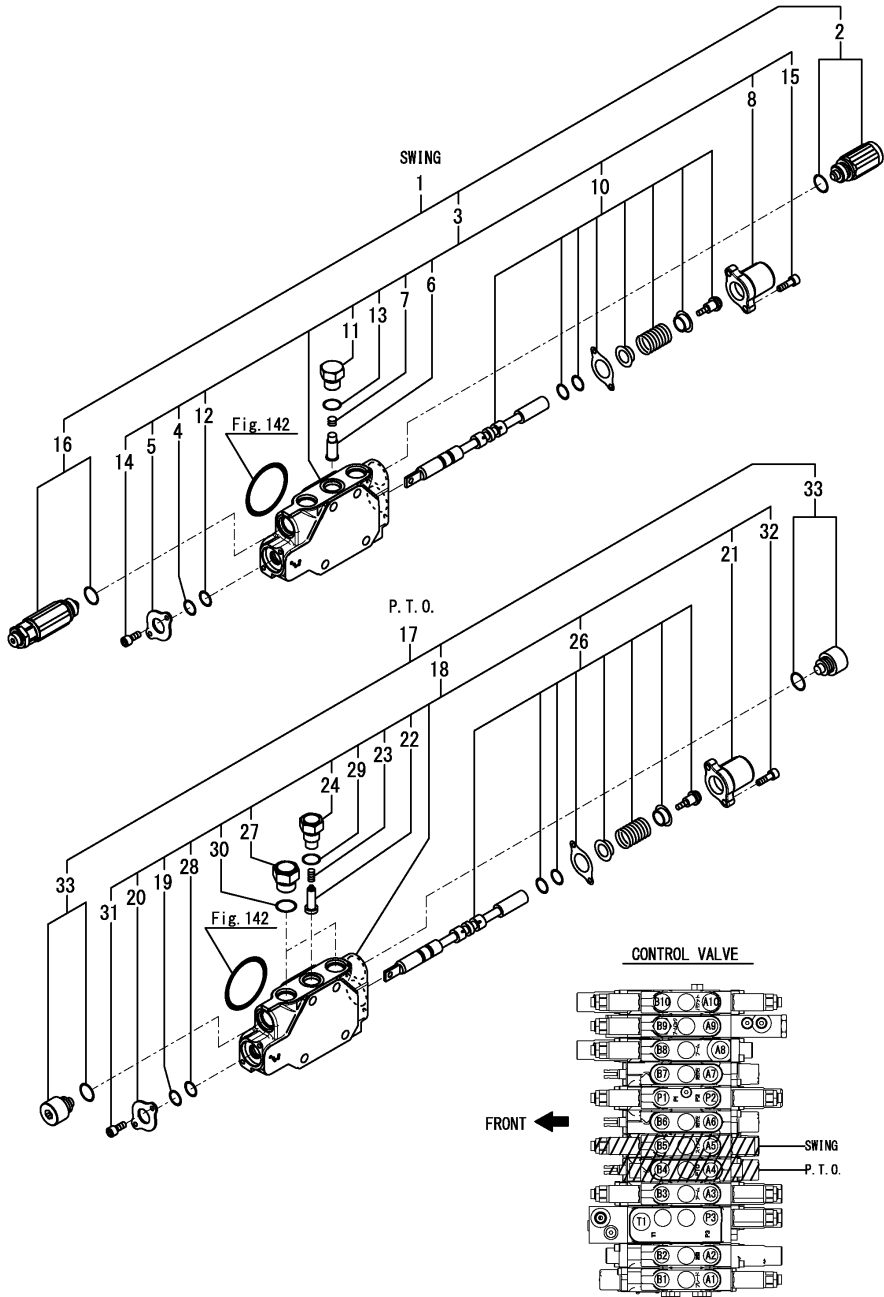
Fig.144. (88D)CONTROL VALVE(4/7)(P.T.O. FOOT PEDAL SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74350	SECTION ASSY,TRAVEL1	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, CHECK VALVE	1							
8	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, CHECK VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74870	VALVE ASSY, INLET	1							
15	3	172B02-74380	SECTION ASSY, INLET	1							
16	4	172499-70180	VALVE ASSY, REVERSE	1							
17	4	172458-74230	O-RING, 1B S22	2							
18	4	172A46-74250	SPOOL ASSY, INLET	1							
19	4	172458-74260	BOLT, HEXAGON 5X20	4							
20	4	172173-74280	SPRING, CHECK	1							
21	4	172A47-74360	FILTER	1							
22	4	172A47-74370	PISTON	1							
23	4	172A47-74380	COVER, PILOT B5	1							
25	4	172458-74530	SEAT, SPRING	1							
26	4	172458-74540	SPRING, RETURN	1							
27	4	172458-74550	COVER, PILOT A2	1							
28	4	172458-74670	PLUG, PF1/8	1							
29	4	172A47-74980	CIRCLIP	1							
30	4	24315-000080	O-RING, 1BP8.0	1							
31	3	172B02-74710	RELIEF ASSY, 20.6	2							
31-1	3	172A85-74680	RELIEF, 210/30	2							R

(A=MAF014)

Fig.145. (88E)CONTROL VALVE(5/7)(P.T.O. FOOT PEDAL SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74860	VALVE ASSY, B SWING	1							
2	3	172447-74230	ANTI-CAVITATION	1							
3	3	172B02-74320	SECTION ASSY,B SWING	1							
4	4	172458-74130	WIPER, DUST	1							
5	4	172458-74140	RETAINER, SEAL	1							
6	4	172458-74150	VALVE, REVERSE	1							
7	4	172458-74160	SPRING, VALVE	1							
8	4	172458-74170	CAP, SPRING	1							
10	4	172B02-74340	SPOOL ASSY, B SWING	1							
11	4	172458-74630	STAY, VALVE	1							
12	4	24311-000120	O-RING, 1AP12.0	1							
13	4	24315-000110	O-RING, 1BP11.0	1							
14	4	26450-050102	BOLT, M5X 10	2							
15	4	26450-050182	BOLT, M5X 18	2							
16	3	172458-74710	VALVE, RELIEF 260/5	1							
17	2	172B02-74910	VALVE ASSY, PTO M	1							
18	3	172B02-74500	SECTION ASSY, PTO M	1							
19	4	172458-74130	WIPER, DUST	1							
20	4	172458-74140	RETAINER, SEAL	1							
21	4	172458-74170	CAP, SPRING	1							
22	4	172490-74310	VALVE, REVERSE	1							
23	4	172490-74320	SPRING, VALVE	1							
24	4	172490-74330	STAY, VALVE	1							
26	4	172B02-74520	SPOOL ASSY, PTO M	1							
27	4	172A47-75620	STAY, VALVE	2							
28	4	24311-000120	O-RING, 1AP12.0	1							
29	4	24315-000110	O-RING, 1BP11.0	1							
30	4	24315-000140	O-RING, 1BP14.0	2							
31	4	26450-050102	BOLT, M5X 10	2							
32	4	26450-050182	BOLT, M5X 18	2							
33	3	172A47-75460	PLUG ASSY, VALVE	2							

Fig.146. (88F)CONTROL VALVE(6/7)(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74830	VALVE ASSY, CONFLUX	1							
2	3	172B02-74210	SECTION ASSY,CONFLUX	1							
4	4	172458-74230	O-RING	1							
5	4	172B02-74230	SPOOL ASSY, CONFLUX	1							
6	4	172B02-74240	BLOCK, PILOT	1							
7	4	172458-74250	COVER, PILOT	1							
8	4	172B02-74250	PLUG, THROTTLE	1							
9	4	172458-74260	BOLT	2							
10	4	172A47-74260	PLUG	1							
11	4	172458-74290	VALVE, REVERSE	2							
12	4	172458-74360	SPRING, VALVE	2							
13	4	172458-74640	STAY, VALVE	2							
14	4	172458-74670	PLUG	2							
15	4	172499-74860	FILTER	1							
16	4	172A47-74950	O-RING	1							
17	4	172A47-75680	O-RING	1							
18	4	172A47-75720	PLUG	1							
19	4	24315-000050	O-RING, 1BP5.0	2							
20	4	24315-000080	O-RING, 1BP8.0	2							
21	4	24315-000110	O-RING, 1BP11.0	2							
22	4	26450-050502	BOLT, M5X 50	3							
23	3	172B02-74720	RELIEF ASSY, 19.6	1							
24	2	172B02-74840	VALVE ASSY, ARM	1							
25	3	172B02-74260	SECTION ASSY, ARM	1							
26	4	172458-74150	VALVE, REVERSE	1							
27	4	172458-74160	SPRING, VALVE	1							
28	4	172458-74230	O-RING	2							
29	4	172458-74240	COVER, PILOT	1							
30	4	172458-74250	COVER, PILOT	1							
31	4	172458-74260	BOLT	4							
33	4	172B02-74280	SPOOL ASSY, ARM	1							
34	4	172458-74630	STAY, VALVE	1							
35	4	24315-000110	O-RING, 1BP11.0	1							
36	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
37	3	172B02-74750	RELIEF ASSY,ORV 25.5	1							

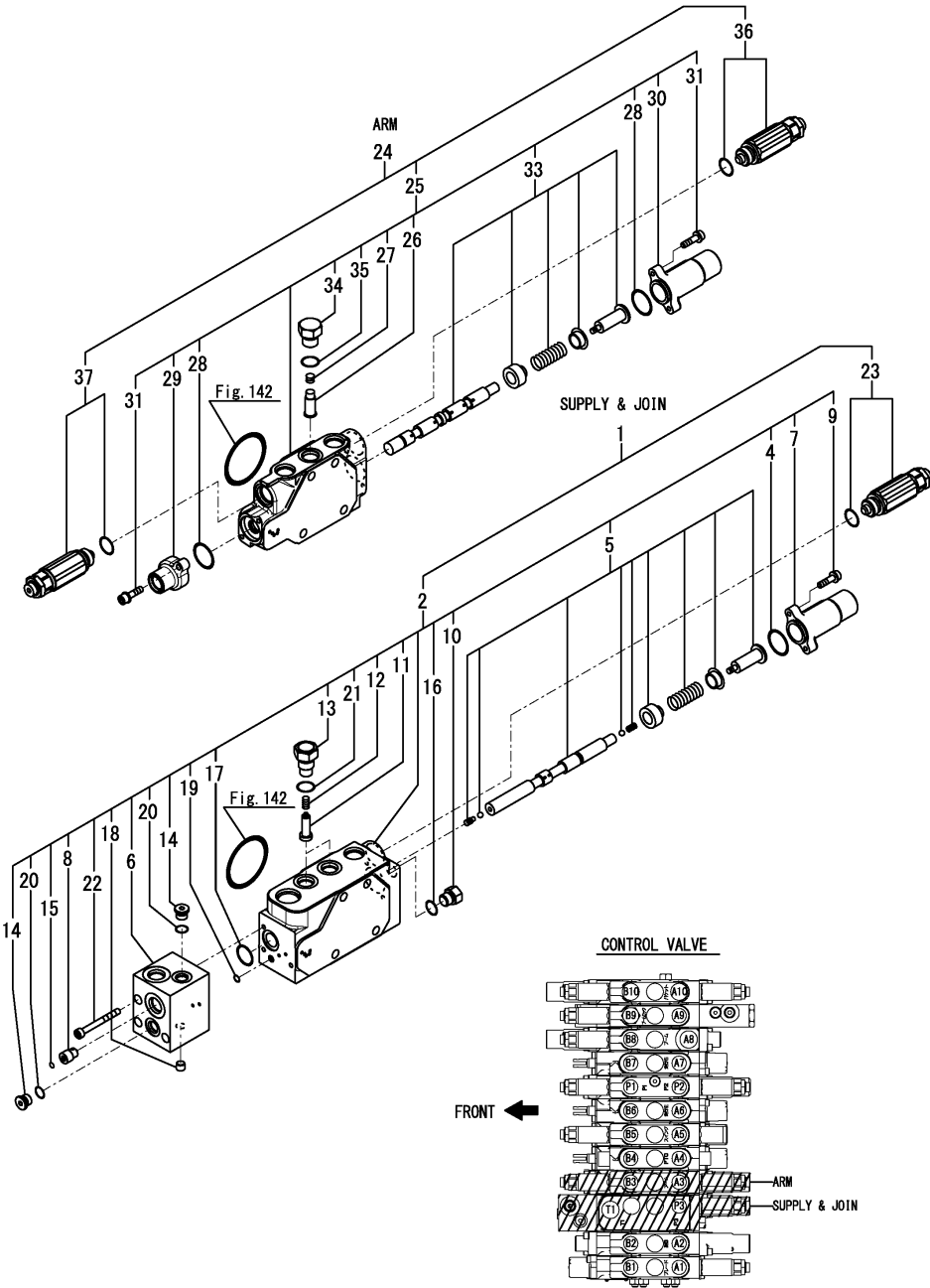


Fig.147. (88G)CONTROL VALVE(7/7)(P.T.O. FOOT PEDAL SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74180	SECTION ASSY, SWING	1							
2	3	172458-74150	VALVE, REVERSE	1							
3	3	172458-74160	SPRING, VALVE	1							
5	3	172B02-74200	SPOOL ASSY, SWING	1							
6	3	172458-74230	O-RING	2							
7	3	172458-74240	COVER, PILOT	1							
8	3	172458-74250	COVER, PILOT	1							
9	3	172458-74260	BOLT	4							
10	3	172458-74630	STAY, VALVE	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	2	172B02-74820	VALVE ASSY, BLADE	1							
13	3	172B02-74150	SECTION ASSY, BLADE	1							
14	4	172458-74130	WIPER, DUST	1							
15	4	172458-74140	RETAINER, SEAL	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, VALVE	1							
19	4	172458-74170	CAP, SPRING	1							
20	4	172B02-74170	SPOOL ASSY, BLADE	1							
21	4	172458-74630	STAY, VALVE	1							
22	4	24311-000120	O-RING, 1AP12.0	1							
23	4	24315-000110	O-RING, 1BP11.0	1							
24	4	26450-050102	BOLT, M5X 10	2							
25	4	26450-050182	BOLT, M5X 18	2							
26	3	172B02-74730	RELIEF ASSY,ORV 9.8	1							

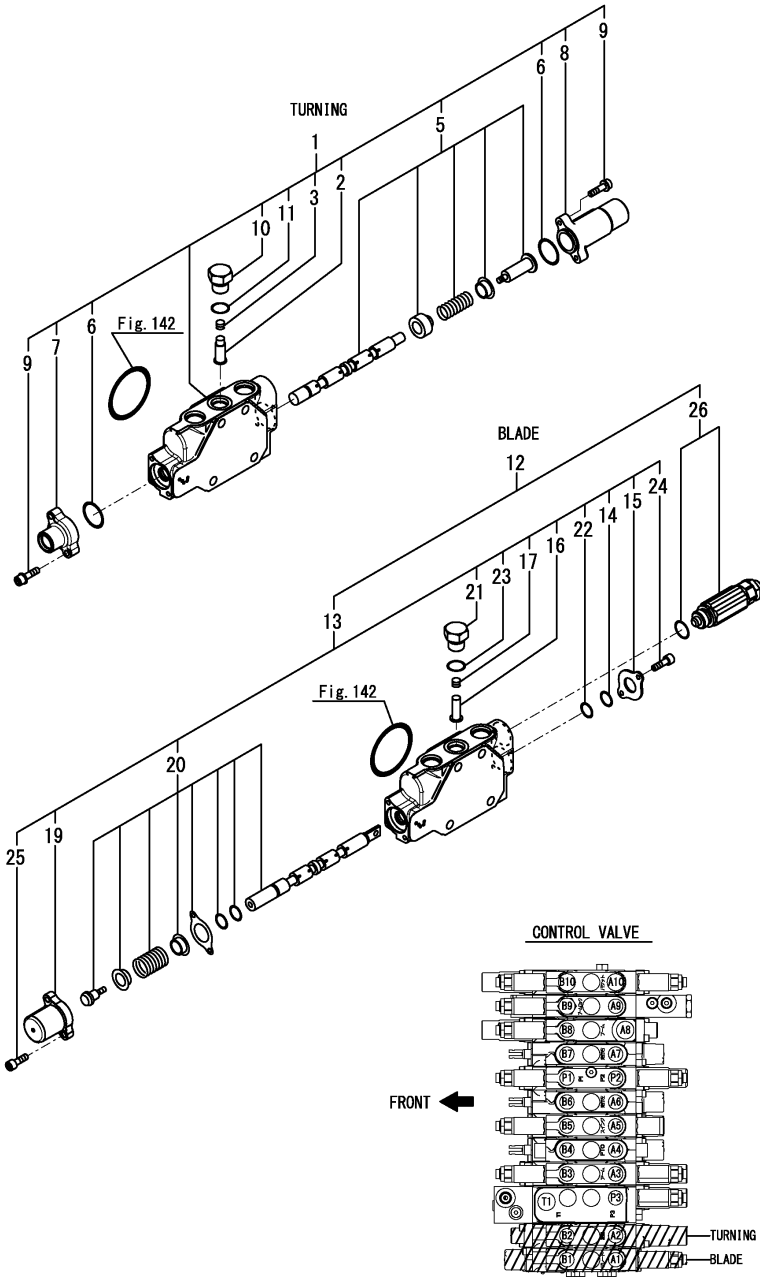
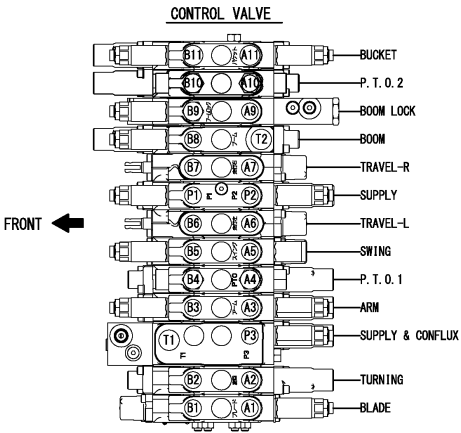
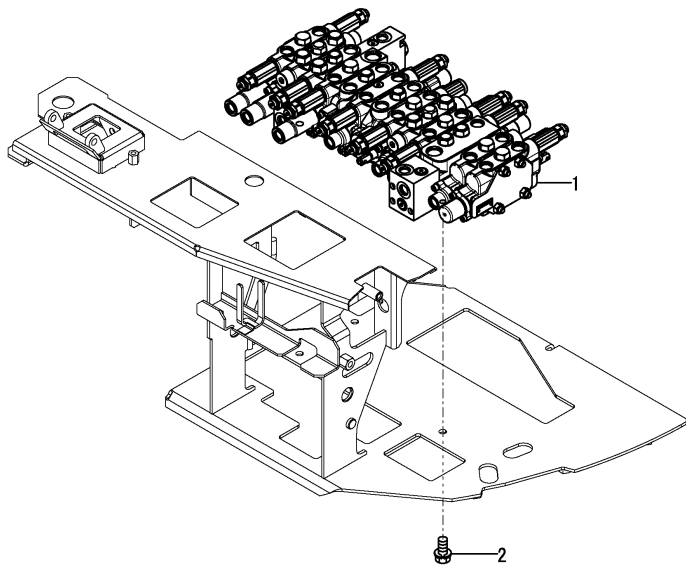


Fig.154. (88H)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(1/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B32-74100	VALVE ASSY,CV EU	1							1
2	1	26013-100162	BOLT, M10X 16	3							

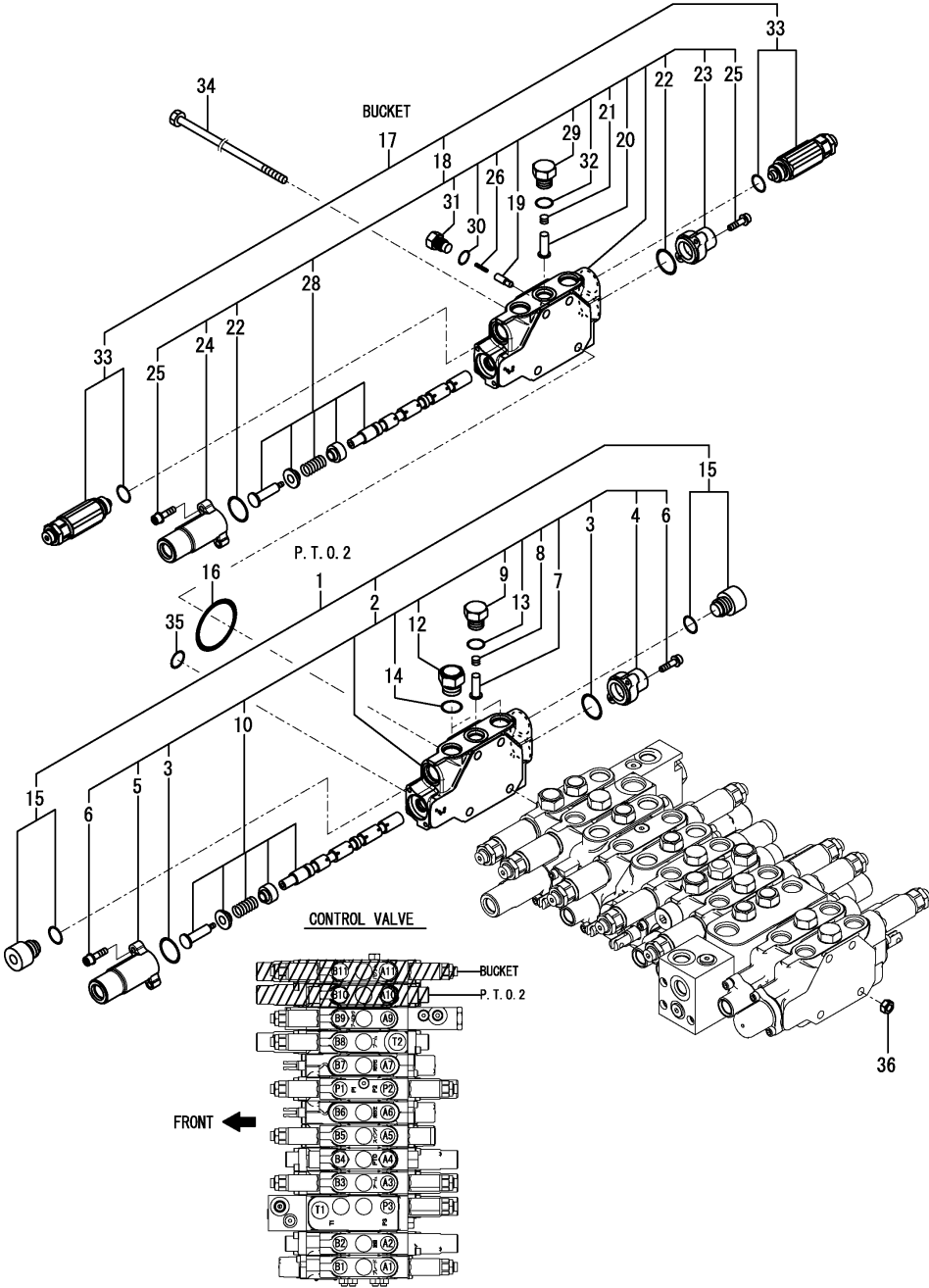


Remarks
(1)Inner parts are shown in Fig.161(88O) from Fig.155(88I).

Fig.155. (88I)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(2/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A78-74590	SECTION ASSY, PTO2	1							
2	3	172A78-74490	SECTION ASSY, PTO2	1							
3	4	172458-74230	O-RING, 1B S22	2							
4	4	172458-74240	COVER, PILOT B1	1							
5	4	172458-74250	COVER, PILOT A1	1							
6	4	172458-74260	BOLT, HEXAGON 5X20	4							
7	4	172490-74310	VALVE, REVERSE	1							
8	4	172490-74320	SPRING, CHECK VALVE	1							
9	4	172490-74330	STAY, CHECK VALVE	1							
10	4	172A78-74360	SPOOL ASSY, PTO	1							
12	4	172A47-75620	STAY, CHECK VALVE	2							
13	4	24315-000110	O-RING, 1BP11.0	1							
14	4	24315-000140	O-RING, 1BP14.0	2							
15	3	172A47-75460	PLUG ASSY, VALVE	2							
16	2	172458-74720	O-RING, 1BW G4	12							
17	2	172B02-74900	VALVE ASSY, BUCKET	1							
18	3	172B02-74470	SECTION ASSY, BUCKET	1							
19	4	172499-70180	VALVE ASSY, REVERSE	1							
20	4	172458-74150	VALVE, REVERSE	1							
21	4	172458-74160	SPRING, CHECK VALVE	1							
22	4	172458-74230	O-RING, 1B S22	2							
23	4	172458-74240	COVER, PILOT B1	1							
24	4	172458-74250	COVER, PILOT A1	1							
25	4	172458-74260	BOLT, HEXAGON 5X20	4							
26	4	172173-74280	SPRING, CHECK	1							
28	4	172B02-74490	SPOOL ASSY, BUCKET	1							
29	4	172458-74630	STAY, CHECK VALVE	1							
30	4	172A47-74950	O-RING, AS568-904	1							
31	4	172A47-74970	STAY, CHECK VALVE	1							
32	4	24315-000110	O-RING, 1BP11.0	1							
33	3	172458-74710	VALVE, RELIEF 260/5	2							
34	2	172A47-75450	BOLT, L=412	4							
35	2	24311-000200	O-RING, 1AP20.0	12							
36	2	26716-080002	NUT, M8	4							

Fig.156. (88J)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(3/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74890	VALVE ASSY, LOCK	1							
2	3	172456-74440	VALVE, RELIEF 300/5	1							
3	3	172B02-74450	SECTION ASSY, LOCK	1							
4	4	172A47-74270	O-RING, 1B S16	1							
5	4	172458-74290	VALVE, REVERSE	1							
6	4	172458-74360	SPRING, CHECK VALVE	1							
7	4	172A47-74460	PLUG, M12X1.25	1							
9	4	172A47-74560	BUSH, PF1/2X1/4	1							
10	4	172A47-74570	PISTON, B	1							
11	4	172A47-74580	PISTON, A1	1							
12	4	172458-74640	STAY, CHECK VALVE	1							
13	4	172A47-74920	HOLDER, BALL	1							
14	4	172A47-74930	BODY, DISCHARGE	1							
15	4	172A47-75620	STAY, CHECK VALVE	1							
16	4	172A47-75680	O-RING, AS 1B17	1							
17	4	172A47-75690	BALL, STEEL 7MM	1							
18	4	22312-050100	PIN, PARALLEL M5X10	2							
19	4	24311-000060	O-RING, 1AP6.0	2							
20	4	24315-000080	O-RING, 1BP8.0	1							
21	4	24315-000100	O-RING, 1BP10.0	1							
22	4	24315-000110	O-RING, 1BP11.0	1							
23	4	24315-000140	O-RING, 1BP14.0	1							
24	4	24315-000180	O-RING, 1BP18.0	1							
25	4	26450-050302	BOLT, M5X 30	2							
26	4	26450-060652	BOLT, M6X 65	2							

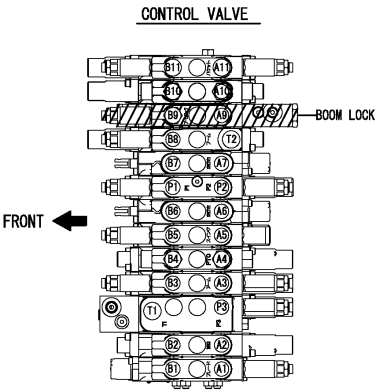
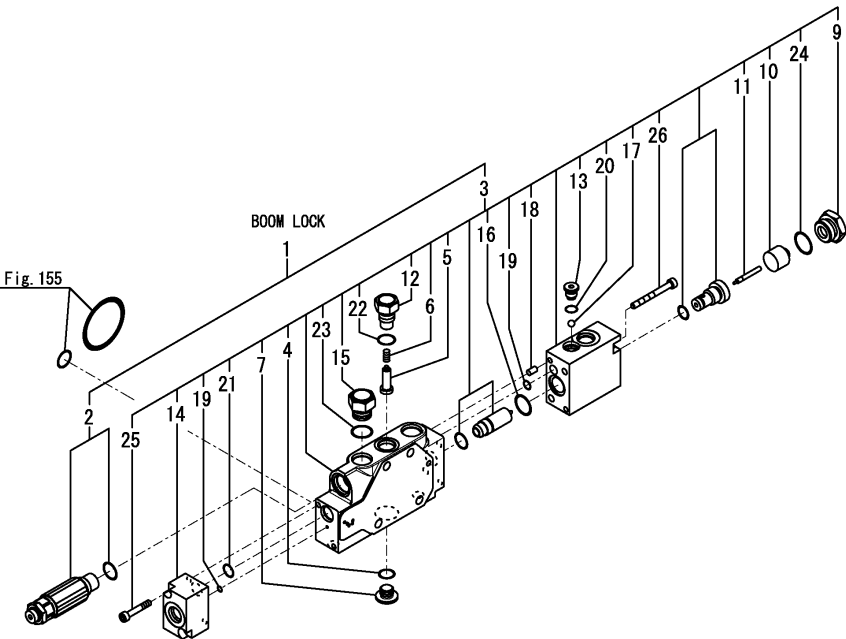


Fig.157. (88K)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(4/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74400	SECTION ASSY,TRAVEL2	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, CHECK VALVE	1							
7	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, CHECK VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74880	VALVE ASSY, BOOM	1							
15	3	172B02-74420	SECTION ASSY, BOOM	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, CHECK VALVE	1							
18	4	172458-74230	O-RING, 1B S22	2							
19	4	172458-74240	COVER, PILOT B1	1							
20	4	172458-74250	COVER, PILOT A1	1							
21	4	172458-74260	BOLT, HEXAGON 5X20	4							
23	4	172B02-74440	SPOOL ASSY, BOOM	1							
24	4	172458-74630	STAY, CHECK VALVE	1							
25	4	24315-000110	O-RING, 1BP11.0	1							
26	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
27	2	24315-000090	O-RING, 1BP9.0	1							
28	2	24315-000100	O-RING, 1BP10.0	1							

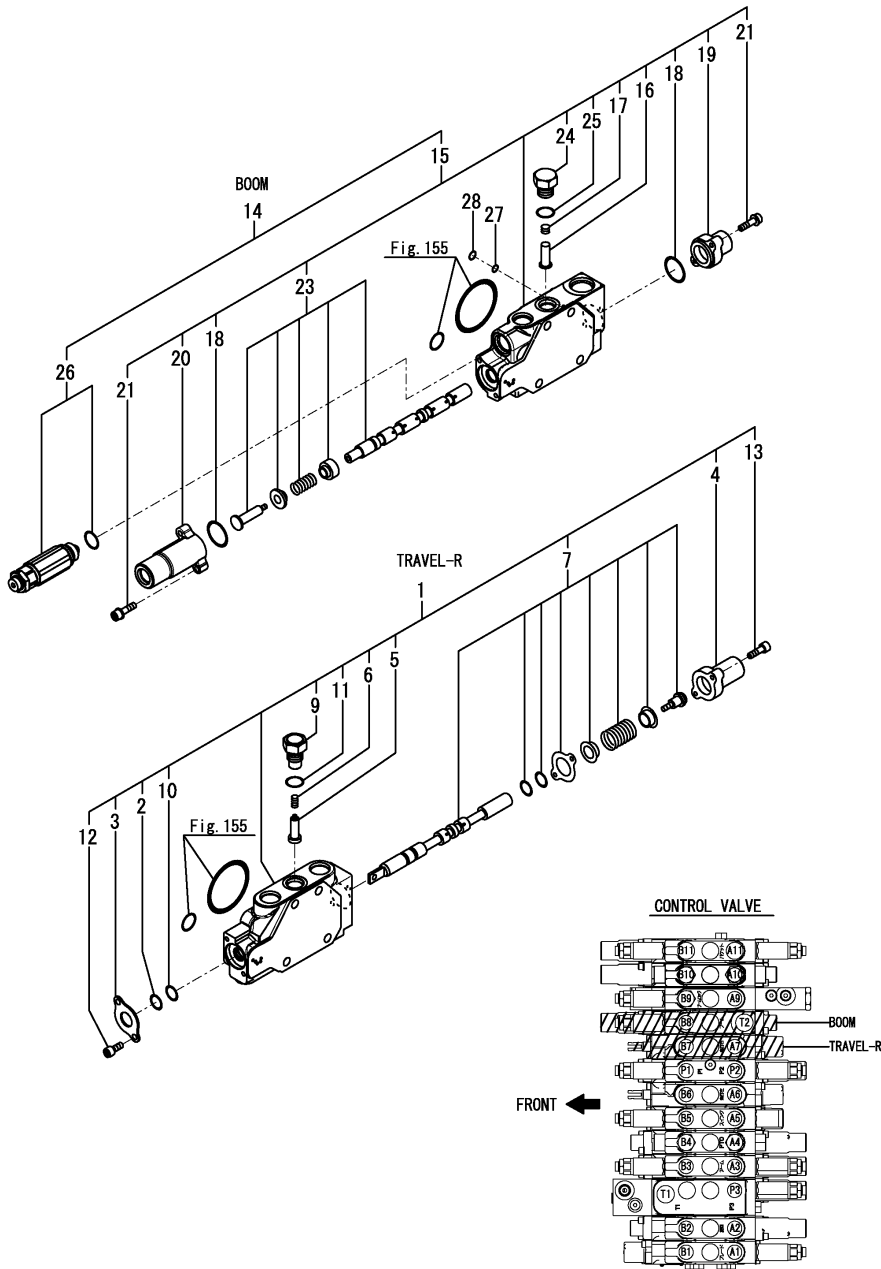
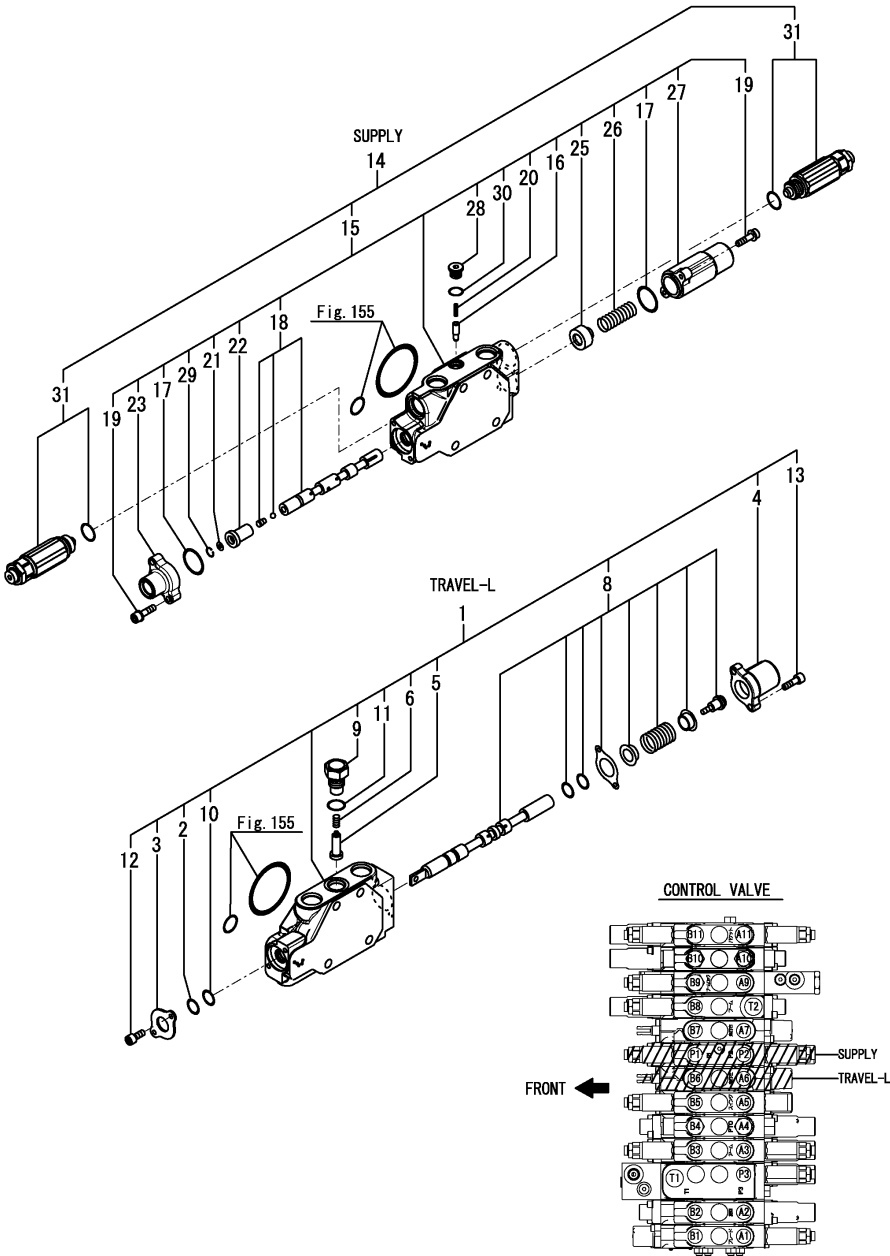


Fig.158. (88L)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(5/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



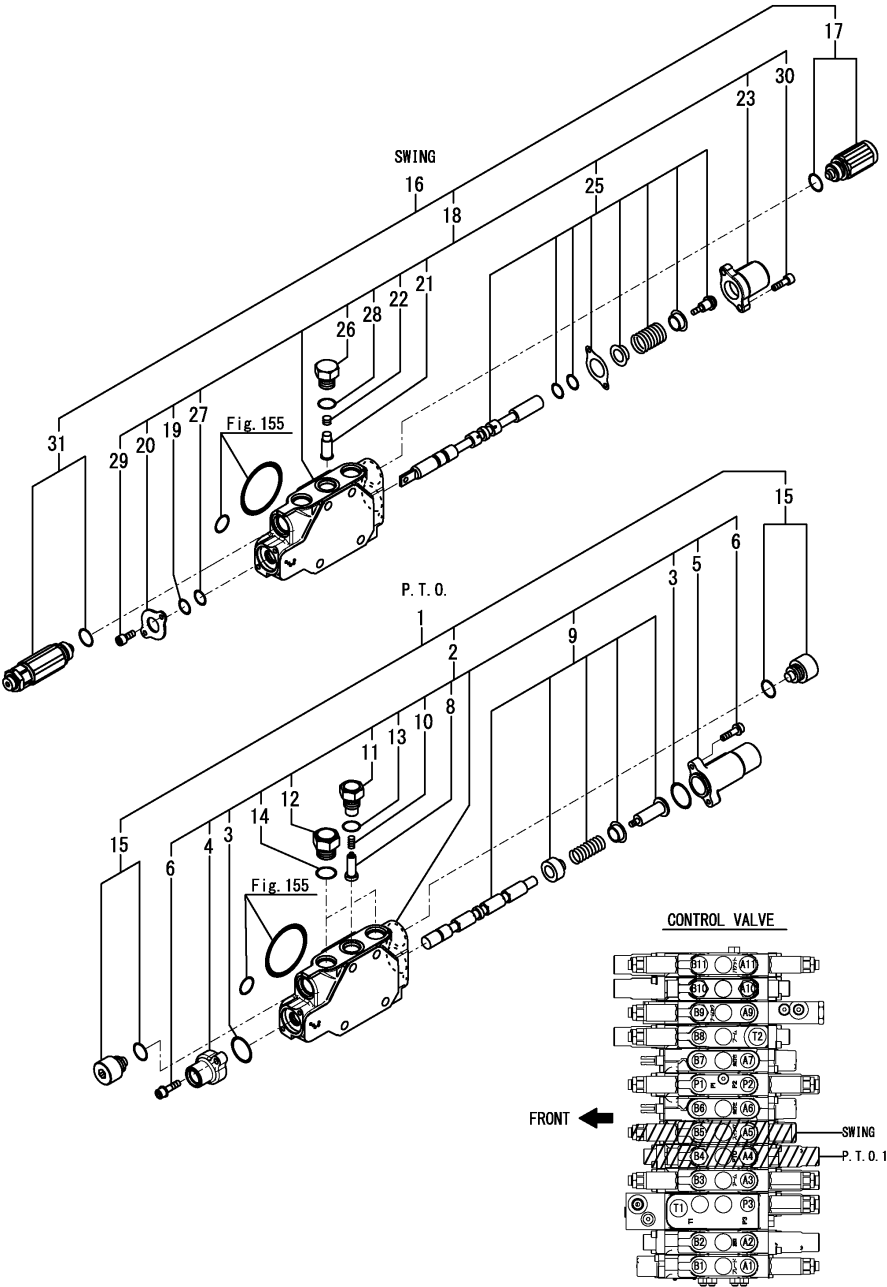
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74350	SECTION ASSY,TRAVEL1	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, CHECK VALVE	1							
8	3	172B02-74370	SPOOL ASSY, TRAVEL	1							
9	3	172458-74640	STAY, CHECK VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	3	26450-050102	BOLT, M5X 10	2							
13	3	26450-050182	BOLT, M5X 18	2							
14	2	172B02-74870	VALVE ASSY, INLET	1							
15	3	172B02-74380	SECTION ASSY, INLET	1							
16	4	172499-70180	VALVE ASSY, REVERSE	1							
17	4	172458-74230	O-RING, 1B S22	2							
18	4	172A46-74250	SPOOL ASSY, INLET	1							
19	4	172458-74260	BOLT, HEXAGON 5X20	4							
20	4	172173-74280	SPRING, CHECK	1							
21	4	172A47-74360	FILTER	1							
22	4	172A47-74370	PISTON	1							
23	4	172A47-74380	COVER, PILOT B5	1							
25	4	172458-74530	SEAT, SPRING	1							
26	4	172458-74540	SPRING, RETURN	1							
27	4	172458-74550	COVER, PILOT A2	1							
28	4	172458-74670	PLUG, PF1/8	1							
29	4	172A47-74980	CIRCLIP	1							
30	4	24315-000080	O-RING, 1BP8.0	1							
31	3	172B02-74710	RELIEF ASSY, 20.6	2							
31-1	3	172A85-74680	RELIEF, 210/30	2							R

(A)=MAF014)

Fig.159. (88M)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(6/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74850	VALVE ASSY, PTO	1							
2	3	172B02-74290	SECTION ASSY, PTO	1							
3	4	172458-74230	O-RING, 1B S22	2							
4	4	172458-74240	COVER, PILOT B1	1							
5	4	172458-74250	COVER, PILOT A1	1							
6	4	172458-74260	BOLT, HEXAGON 5X20	4							
8	4	172490-74310	VALVE, REVERSE	1							
9	4	172B02-74310	SPOOL ASSY, PTO	1							
10	4	172490-74320	SPRING, CHECK VALVE	1							
11	4	172490-74330	STAY, CHECK VALVE	1							
12	4	172A47-75620	STAY, CHECK VALVE	2							
13	4	24315-000110	O-RING, 1BP11.0	1							
14	4	24315-000140	O-RING, 1BP14.0	2							
15	3	172A47-75460	PLUG ASSY, VALVE	2							
16	2	172B02-74860	VALVE ASSY, SWING	1							
17	3	172447-74230	ANTI-CAVITATION ASSY	1							
18	3	172B02-74320	SECTION ASSY, SWING	1							
19	4	172458-74130	WIPER, DUST	1							
20	4	172458-74140	RETAINER, SEAL	1							
21	4	172458-74150	VALVE, REVERSE	1							
22	4	172458-74160	SPRING, CHECK VALVE	1							
23	4	172458-74170	CAP, SPRING	1							
25	4	172B02-74340	SPOOL ASSY, SWING	1							
26	4	172458-74630	STAY, CHECK VALVE	1							
27	4	24311-000120	O-RING, 1AP12.0	1							
28	4	24315-000110	O-RING, 1BP11.0	1							
29	4	26450-050102	BOLT, M5X 10	2							
30	4	26450-050182	BOLT, M5X 18	2							
31	3	172458-74710	VALVE, RELIEF 260/5	1							

Fig.160. (88N)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(7/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B32-74110	VALVE ASSY,CONFLUX	1							
2	3	172B32-74120	SECTION ASSY,CONFLUX	1							
4	4	172458-74230	O-RING, 1B S22	1							
5	4	172B02-74240	BLOCK, PILOT	1							
6	4	172458-74250	COVER, PILOT A1	1							
7	4	172B02-74250	PLUG, THROTTLE	1							
8	4	172458-74260	BOLT, HEXAGON 5X20	2							
9	4	172A47-74260	PLUG, SAE1/4	1							
10	4	172458-74290	VALVE, REVERSE	2							
11	4	172458-74360	SPRING, CHECK VALVE	2							
12	4	172B05-74480	SPOOL ASSY, CONFLUX	1							
13	4	172458-74640	STAY, CHECK VALVE	2							
14	4	172458-74670	PLUG, PF1/8	2							
15	4	172499-74860	FILTER, COIN	1							
16	4	172A47-74950	O-RING, AS568-904	1							
17	4	172A47-75680	O-RING, AS 1B17	1							
18	4	172A47-75720	PLUG, NPT1/16	1							
19	4	24315-000050	O-RING, 1BP5.0	2							
20	4	24315-000080	O-RING, 1BP8.0	2							
21	4	24315-000110	O-RING, 1BP11.0	2							
22	4	26450-050502	BOLT, M5X 50	3							
23	3	172B02-74720	RELIEF ASSY, 19.6	1							
24	2	172B02-74840	VALVE ASSY, ARM	1							
25	3	172B02-74260	SECTION ASSY, ARM	1							
26	4	172458-74150	VALVE, REVERSE	1							
27	4	172458-74160	SPRING, CHECK VALVE	1							
28	4	172458-74230	O-RING, 1B S22	2							
29	4	172458-74240	COVER, PILOT B1	1							
30	4	172458-74250	COVER, PILOT A1	1							
31	4	172458-74260	BOLT, HEXAGON 5X20	4							
33	4	172B02-74280	SPOOL ASSY, ARM	1							
34	4	172458-74630	STAY, CHECK VALVE	1							
35	4	24315-000110	O-RING, 1BP11.0	1							
36	3	172B02-74740	RELIEF ASSY,ORV 23.5	1							
37	3	172B02-74750	RELIEF ASSY,ORV 25.5	1							

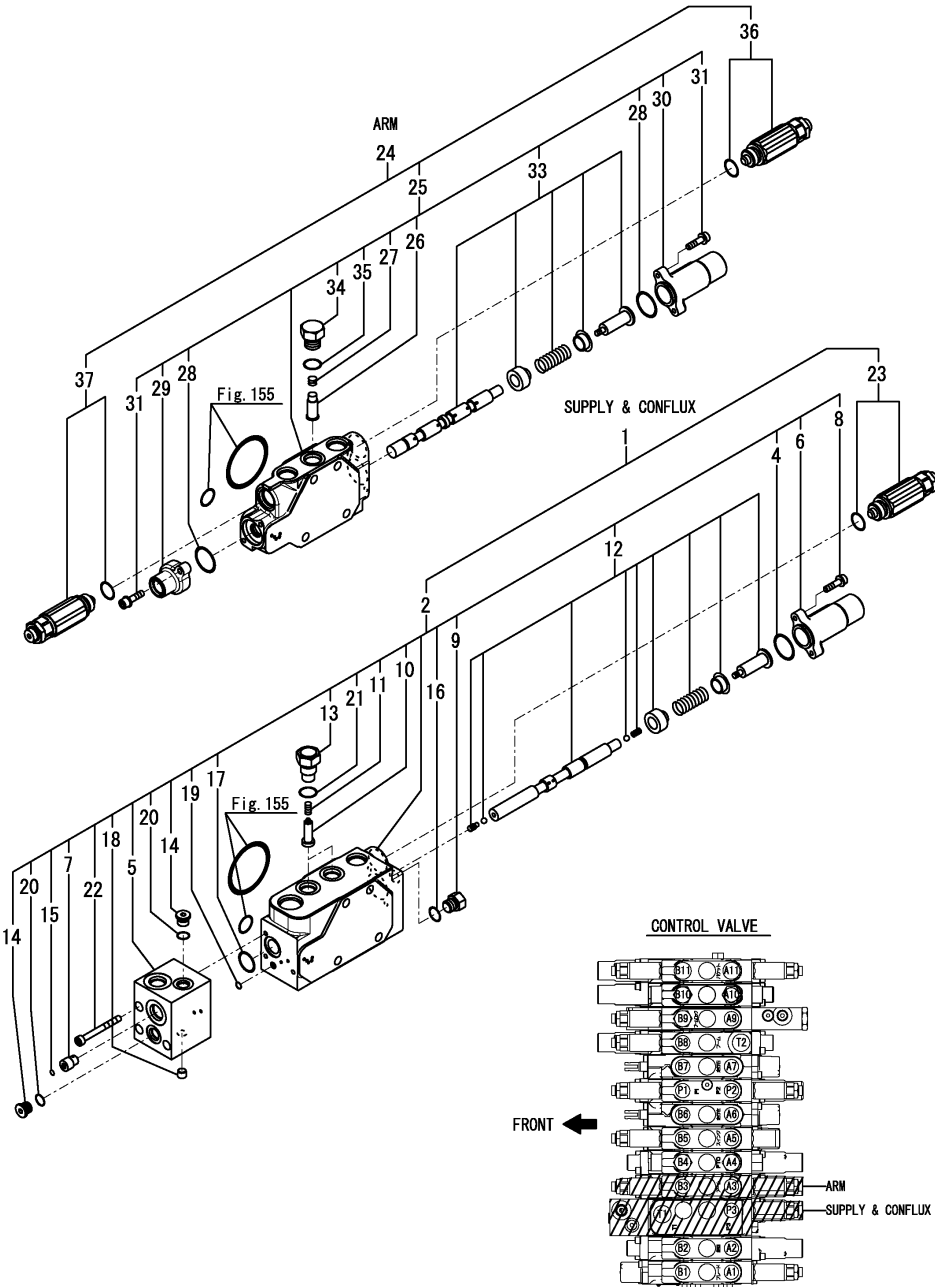
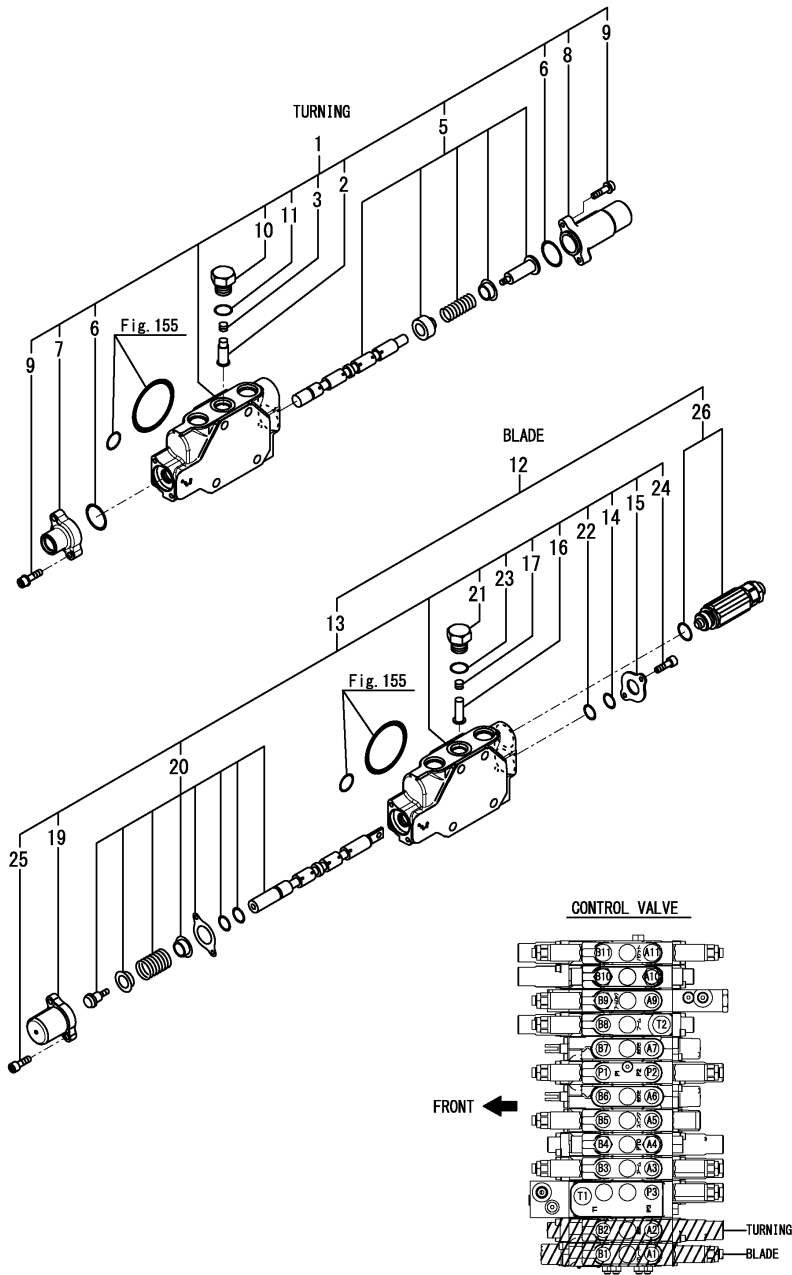


Fig.161. (88O)CONTROL VALVE(P.T.O. LEVER SWITCH SPEC.)(P.T.O.2 SPEC.)(8/8)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B02-74180	SECTION ASSY, SWING	1							
2	3	172458-74150	VALVE, REVERSE	1							
3	3	172458-74160	SPRING, CHECK VALVE	1							
5	3	172B02-74200	SPOOL ASSY, TURNING	1							
6	3	172458-74230	O-RING, 1B S22	2							
7	3	172458-74240	COVER, PILOT B1	1							
8	3	172458-74250	COVER, PILOT A1	1							
9	3	172458-74260	BOLT, HEXAGON 5X20	4							
10	3	172458-74630	STAY, CHECK VALVE	1							
11	3	24315-000110	O-RING, 1BP11.0	1							
12	2	172B02-74820	VALVE ASSY, BLADE	1							
13	3	172B02-74150	SECTION ASSY, BLADE	1							
14	4	172458-74130	WIPER, DUST	1							
15	4	172458-74140	RETAINER, SEAL	1							
16	4	172458-74150	VALVE, REVERSE	1							
17	4	172458-74160	SPRING, CHECK VALVE	1							
19	4	172458-74170	CAP, SPRING	1							
20	4	172B02-74170	SPOOL ASSY, BLADE	1							
21	4	172458-74630	STAY, CHECK VALVE	1							
22	4	24311-000120	O-RING, 1AP12.0	1							
23	4	24315-000110	O-RING, 1BP11.0	1							
24	4	26450-050102	BOLT, M5X 10	2							
25	4	26450-050182	BOLT, M5X 18	2							
26	3	172B02-74730	RELIEF ASSY, ORV 9.8	1							

Fig.89. REMOTE CONTROL VALVE(RIGHT)(P.T.O. LEVER SWITCH SPEC.)(TO MAF013)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74530	VALVE ASSY, R-PB	1							
2	2	172151-73400	PLUG	4							
3	2	172151-73420	SEAL	4							
4	2	172151-73450	WASHER	4							
5	2	172A64-74590	PLATE	1							
6	2	172B03-74590	LEVER	1							
7	2	172A64-74600	ROD, PUSH	4							
7-1	2	172A64-74601	ROD, PUSH	4							N
(A=MAF014)											
8	2	172A64-74610	SEAT, SPRING	4							
8-1	2	172A64-74611	SEAT, SPRING	4							N
(A=MAF014)											
9	2	172A64-74620	SPRING	4							
10	2	172A64-74630	SPRING	4							
11	2	172A64-74640	JOINT	1							
12	2	172A64-74650	PLATE, CIRCULAR	1							
13	2	172B03-74650	HANDLE ASSY, PB	1							
14	3	172B03-74660	COVER, SWITCH	1							
15	3	172A64-74670	BUSH	1							
16	3	22853-300161	SCREW, 3.0 X 16	3							
17	2	172A64-74660	NUT, ADJUST	1							
18	2	172A64-74680	BELLOWS	1							
19	2	172A64-74900	NUT, LOCK	1							
20	2	172A64-74930	PIN, SPRING	1							
21	2	24315-000200	O-RING, 1BP20.0	4							
22	1	172A78-74650	PLATE ASSY, VALVE	1							
23	1	26013-060302	BOLT, M6X 30	3							

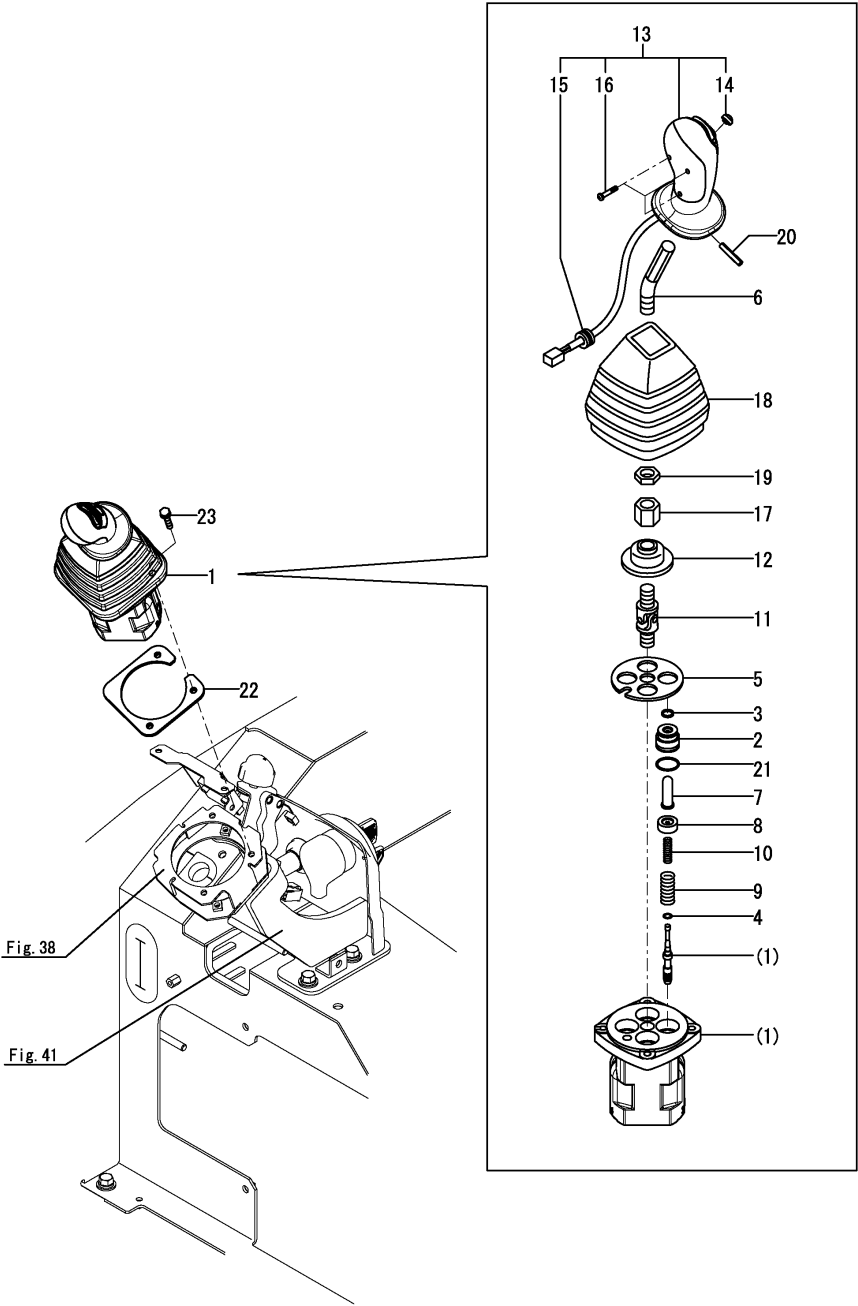
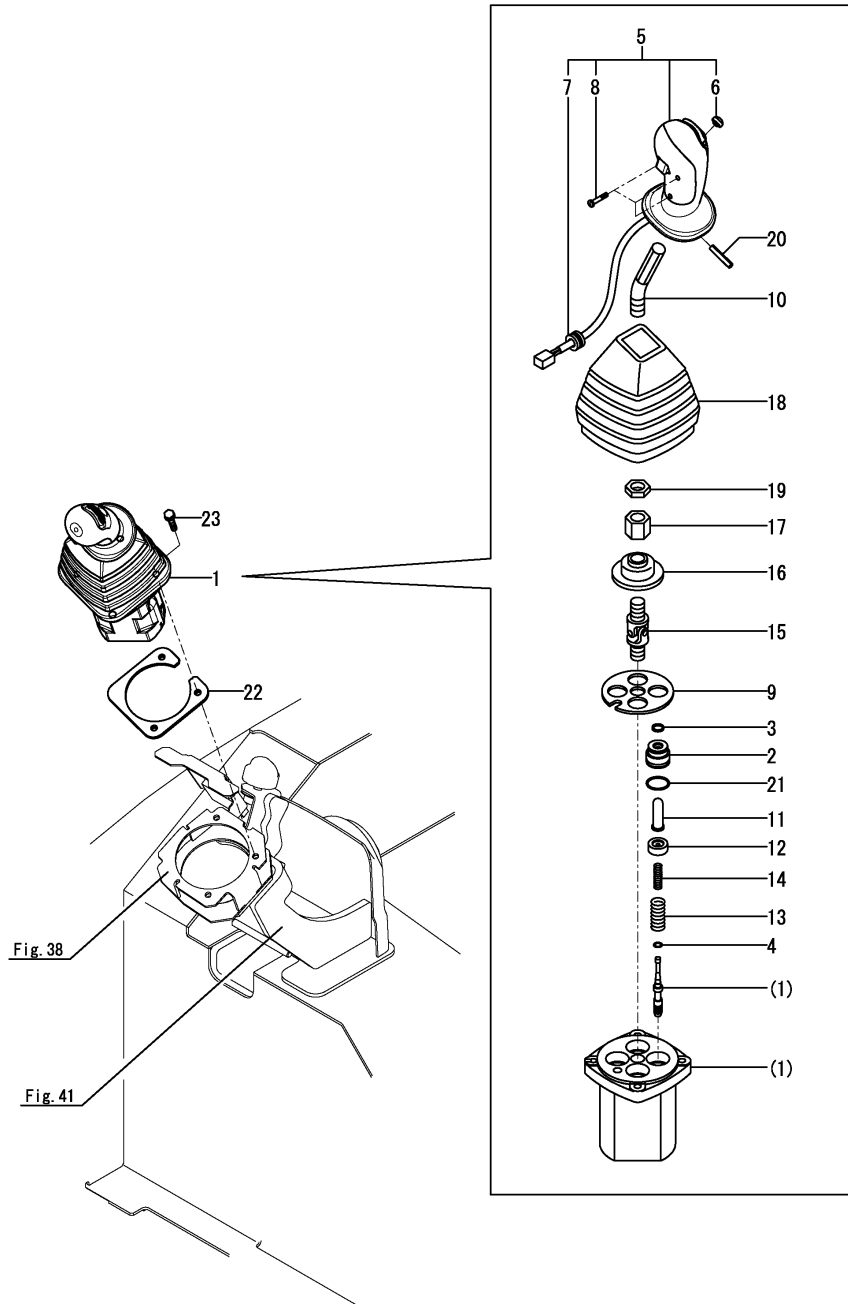


Fig.152. (89A)REMOTE CONTROL VALVE(RIGHT)(P.T.O. LEVER SWITCH SPEC.)(FROM MAF014)

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


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B16-74500	VALVE ASSY, R-PBH	1							
2	2	172151-73400	PLUG	4							
3	2	172151-73420	SEAL	4							
4	2	172151-73450	WASHER	4							
5	2	172B16-74510	HANDLE ASSY, PBH	1							
6	3	172B03-74660	COVER, SWITCH	1							
7	3	172A64-74670	BUSH	1							
8	3	22853-300161	SCREW, 3.0 X 16	3							
9	2	172A64-74590	PLATE	1							
10	2	172B03-74590	LEVER	1							
11	2	172A64-74600	ROD, PUSH	4							
11-1	2	172A64-74601	ROD, PUSH	4							N
(A=MAF014)											
12	2	172A64-74610	SEAT, SPRING	4							
12-1	2	172A64-74611	SEAT, SPRING	4							N
(A=MAF014)											
13	2	172A64-74620	SPRING	4							
14	2	172A64-74630	SPRING	4							
15	2	172A64-74640	JOINT	1							
16	2	172A64-74650	PLATE, CIRCULAR	1							
17	2	172A64-74660	NUT, ADJUST	1							
18	2	172A64-74680	BELLOWS	1							
19	2	172A64-74900	NUT, LOCK	1							
20	2	172A64-74930	PIN, SPRING	1							
21	2	24315-000200	O-RING, 1BP20.0	4							
22	1	172A78-74651	PLATE, VALVE	1							
23	1	26014-060352	BOLT, M6X 35	3							

(A)=VIO30-6A P(KR)

(B)=

(C)=

(D)=

(E)=

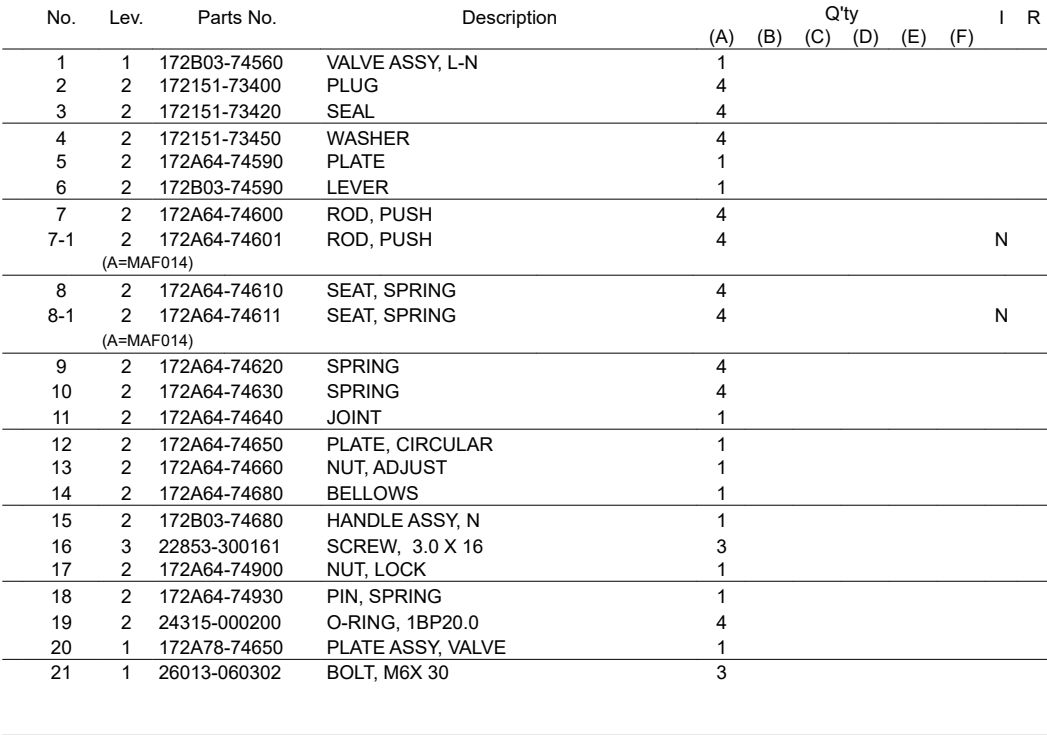
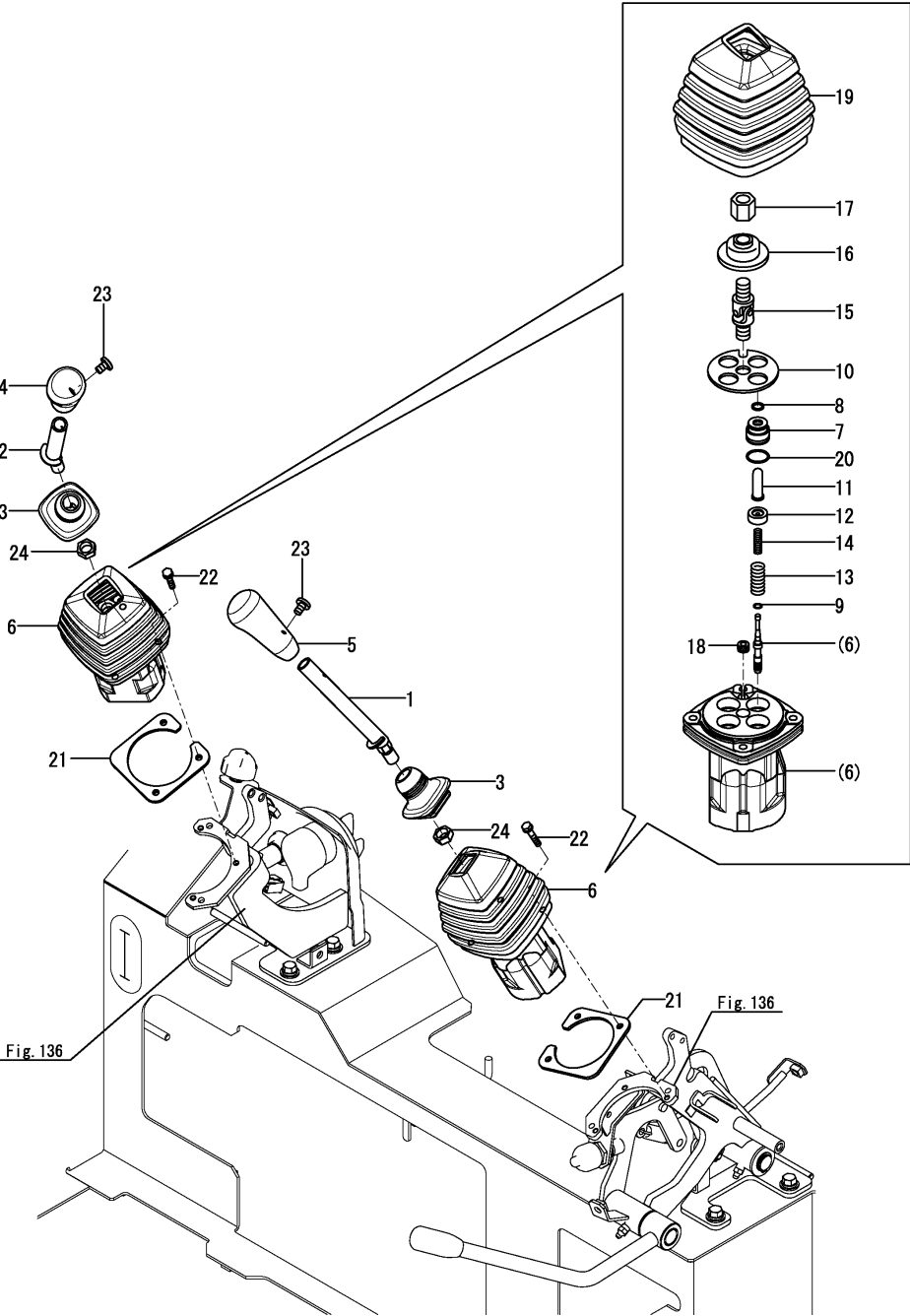
$$(F)=$$


Fig.148. (90A)REMOTE CONTROL VALVE(P.T.O. FOOT PEDAL SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-45010	LEVER ASSY, L	1							
2	1	172B03-45050	LEVER ASSY, R	1							
3	1	172B03-45070	BOOT, LEVER	2							
4	1	172A46-45500	KNOB ASSY, R	1							
5	1	172A46-45510	KNOB ASSY, L	1							
6	1	172B03-74500	VALVE ASSY, REMO-CON	2							
7	2	172151-73400	PLUG	8							
8	2	172151-73420	SEAL	8							
9	2	172151-73450	WASHER	8							
10	2	172A64-74590	PLATE	2							
11	2	172A64-74600	ROD, PUSH	8							
11-1	2	172A64-74601	ROD, PUSH	8							N
(A=MAF014)											
12	2	172A64-74610	SEAT, SPRING	8							
12-1	2	172A64-74611	SEAT, SPRING	8							N
(A=MAF014)											
13	2	172A64-74630	SPRING	8							
14	2	172B03-74630	SPRING	8							
15	2	172A64-74640	JOINT	2							
16	2	172A64-74650	PLATE, CIRCULAR	2							
17	2	172A64-74660	NUT, ADJUST	2							
18	2	172A64-74670	BUSH	2							
19	2	172A64-74680	BELLOWS	2							
20	2	24315-000200	O-RING, 1BP20.0	8							
21	1	172A78-74651	PLATE, VALVE	2							
22	1	26014-060352	BOLT, M6X 35	6							
23	1	26587-040062	SCREW, M4X 6	2							
24	1	26756-140002	NUT, LOCK M14	2							

Fig.162. (90B)REMOTE CONTROL VALVE(LEFT)(P.T.O.2 SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74570	VALVE ASSY,L-P	1							
2	2	172151-73400	PLUG	4							
3	2	172151-73420	SEAL	4							
4	2	172151-73450	WASHER	4							
5	2	172A64-74590	PLATE	1							
6	2	172B03-74590	LEVER	1							
7	2	172A64-74600	ROD, PUSH	4							
7-1	2	172A64-74601	ROD, PUSH	4							N
(A=MAF014)											
8	2	172A64-74610	SEAT, SPRING	4							
8-1	2	172A64-74611	SEAT, SPRING	4							N
(A=MAF014)											
9	2	172A64-74620	SPRING	4							
10	2	172A64-74630	SPRING	4							
11	2	172A64-74640	JOINT	1							
12	2	172B03-74640	HANDLE ASSY,P	1							
13	3	172A64-74670	BUSH	1							
14	3	22853-300161	SCREW, 3.0 X 16	3							
15	2	172A64-74650	PLATE, CIRCULAR	1							
16	2	172A64-74660	NUT, ADJUST	1							
17	2	172A64-74680	BELLOWS	1							
18	2	172A64-74900	NUT, LOCK	1							
19	2	172A64-74930	PIN, SPRING	1							
20	2	24315-000200	O-RING, 1BP20.0	4							
21	1	172A78-74651	PLATE, VALVE	1							
22	1	26014-060352	BOLT, M6X 35	3							

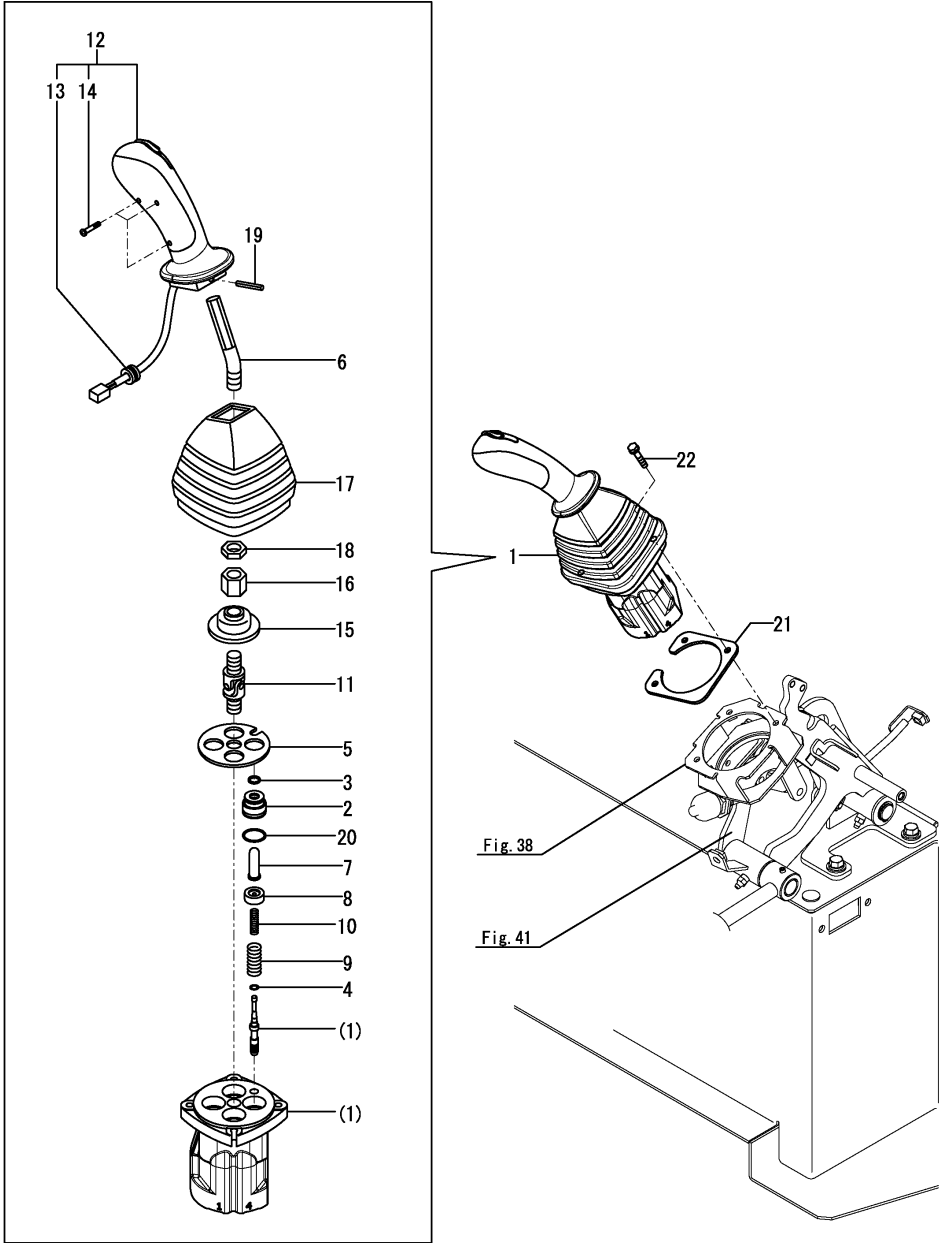
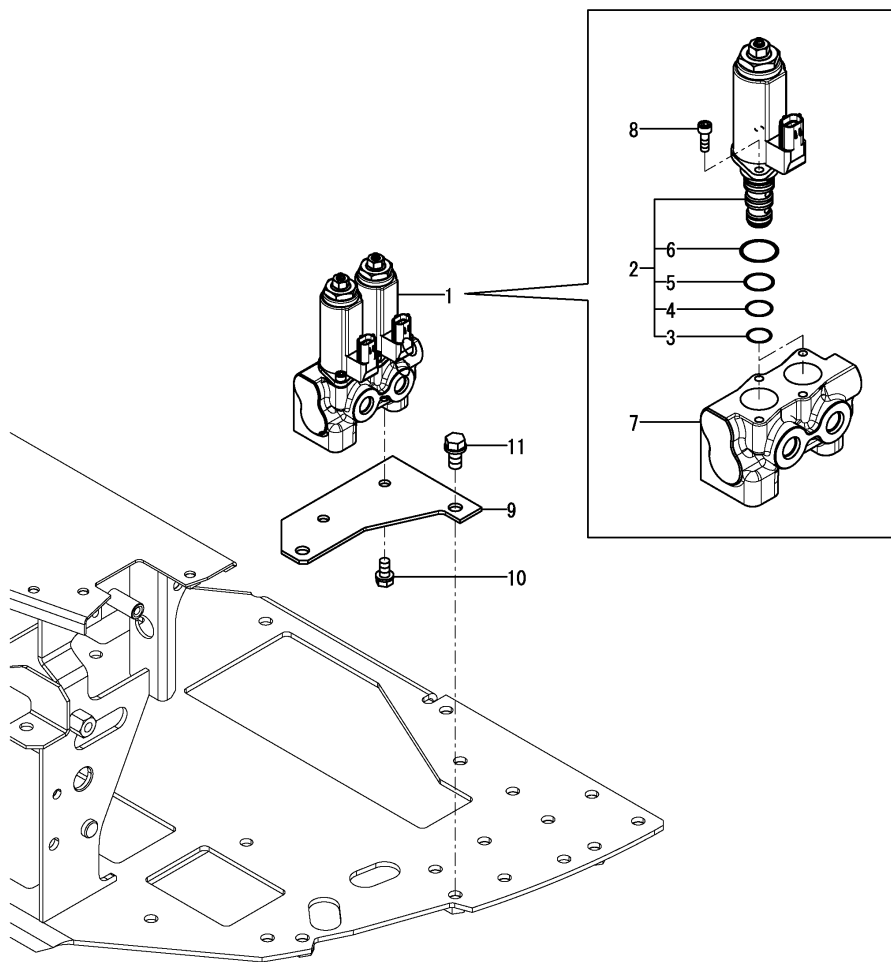
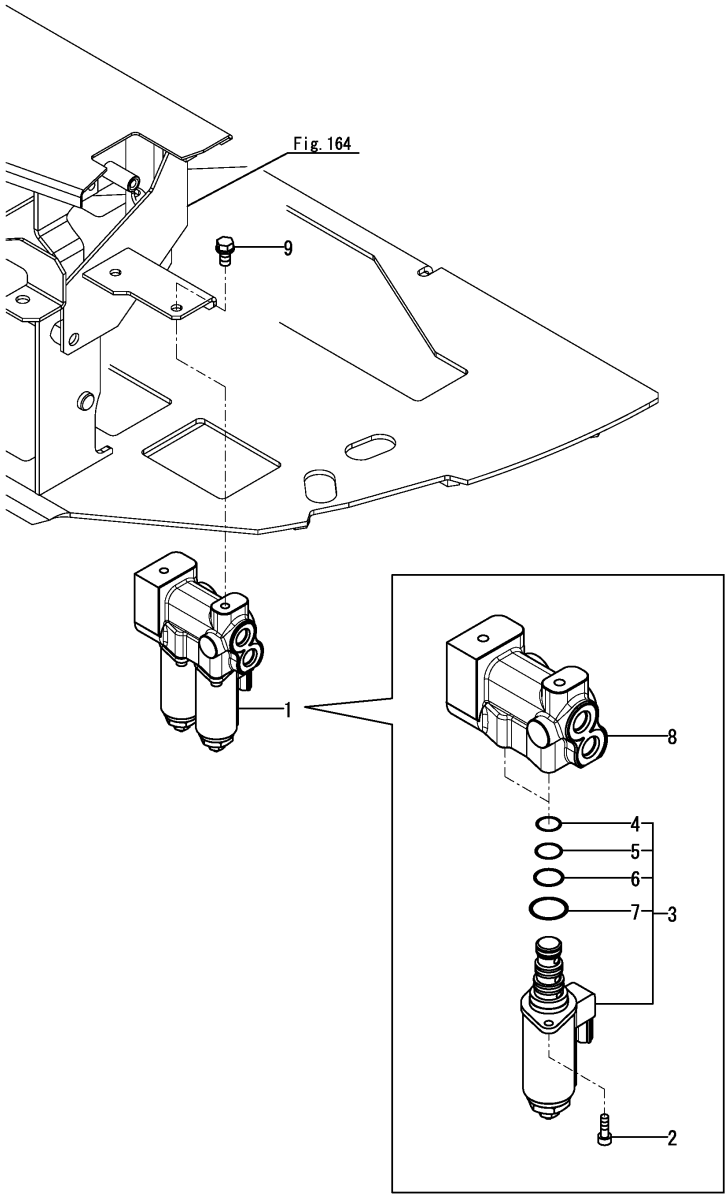


Fig.91. SOLENOID VALVE(P.T.O. LEVER SWITCH SPEC.)



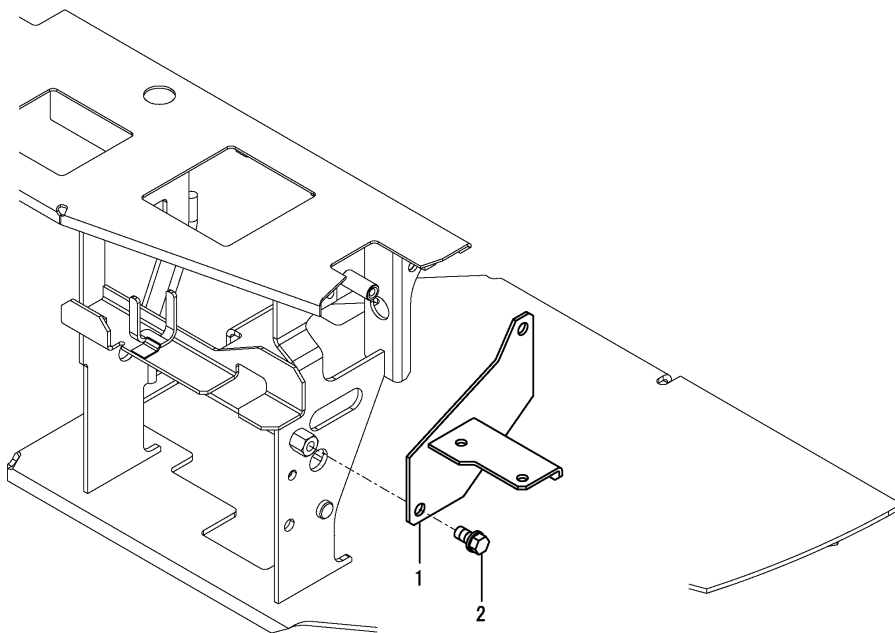
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172B03-74720	VALVE ASSY,PP	1						
2	2	172B03-74750	CARTRIDGE ASSY,P1.6A	2						
3	3	172B03-74860	O-RING, 1B AS 013	2						
4	3	172B03-74870	O-RING, 1B AS 014	2						
5	3	172B03-74880	O-RING, 1B AS 015	2						
6	3	24315-000200	O-RING, 1BP20.0	2						
7	2	172B03-74770	BLOCK, 2	1						
8	2	172B03-74790	BOLT, 10.9 M5X12	4						
8-1	2	172B05-74730	BOLT, SOCKET M5X12	4						N
(A)=*2016.06.)										
9	1	172B03-74930	STAY , SOL 2 K	1						
10	1	26013-080162	BOLT, SPRING M8X 16	2						
11	1	26013-100202	BOLT, SPRING M10X 20	2						

Fig.163. (91A)SOLENOID VALVE(P.T.O.2)(P.T.O.2 SPEC.)



												0CK50-M00290		Fig.163	
												(A)=VIO30-6A P(KR)		(D)=	
												(B)=		(E)=	
												(C)=		(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R				
				(A)	(B)	(C)	(D)	(E)	(F)						
1	1	172B03-74720	VALVE ASSY, PP	1											
2	2	172B05-74730	BOLT, SOCKET M5X12	4											
3	2	172B03-74750	CARTRIDGE ASSY,P1.6A	2											
4	3	172B03-74860	O-RING, 1B AS 013	2											
5	3	172B03-74870	O-RING, 1B AS 014	2											
6	3	172B03-74880	O-RING, 1B AS 015	2											
7	3	24315-000200	O-RING, 1BP20.0	2											
8	2	172B03-74770	BLOCK, 2	1											
9	1	26013-080162	BOLT, M8X 16	2											

Fig.164. (91B)SOLENOID VALVE BRACKET(P.T.O.2)(P.T.O.2 SPEC.)

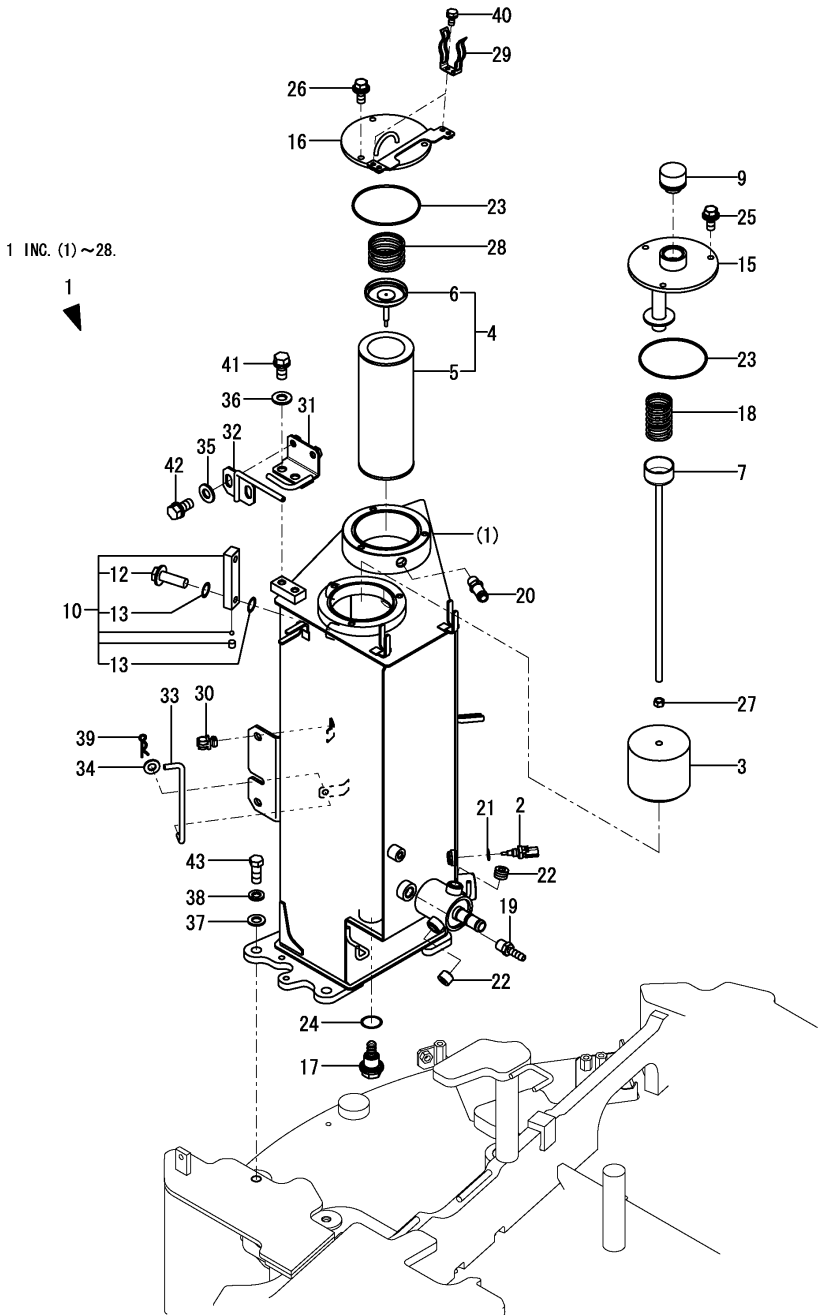


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74460	BRACKET ASSY, PTO2	1							
2	1	26013-100202	BOLT, M10X 20	2							

Fig.92. HYD. OIL TANK

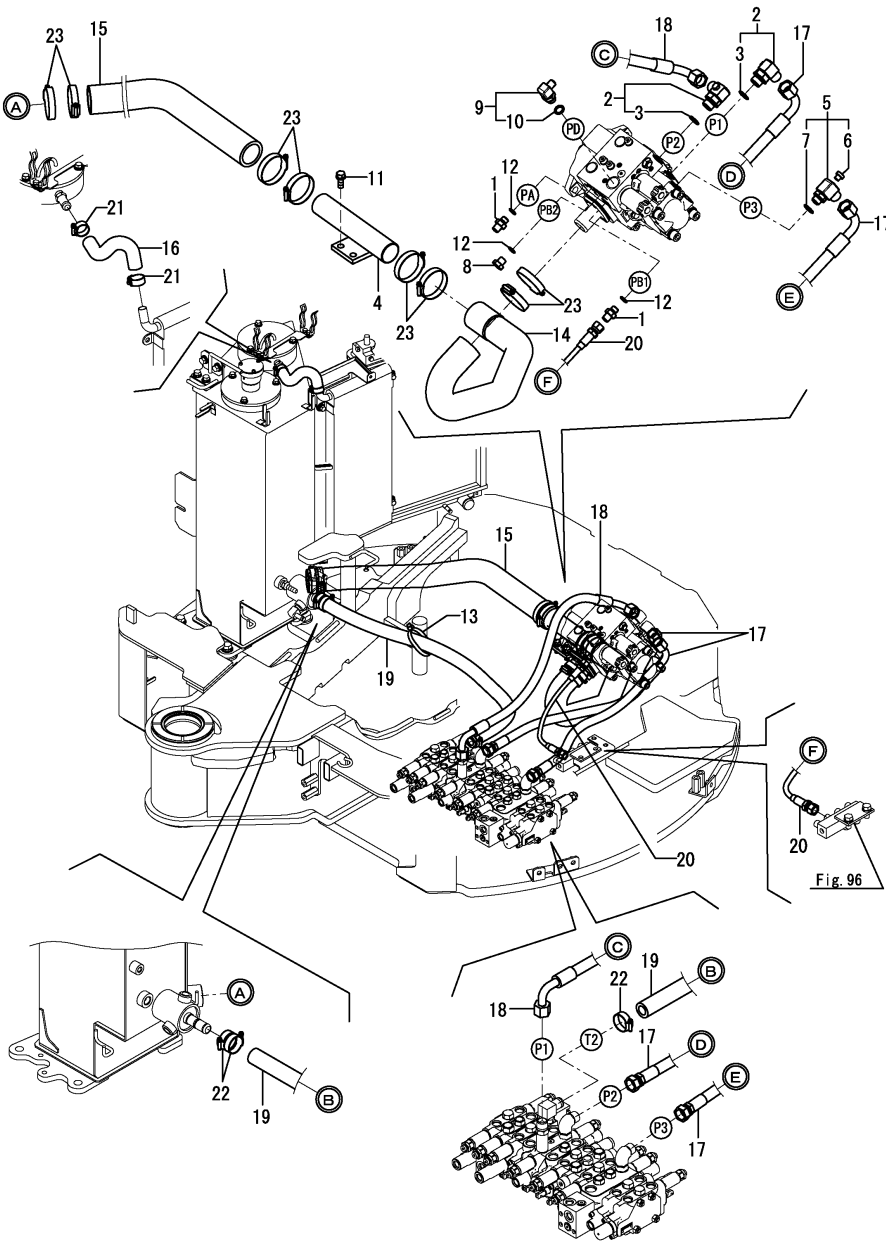
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08381	RESERVOIR KIT	1							
2	2	129927-44900	SENSOR, WATER TEMP.	1							
3	2	172137-73700	FILTER, SUCTION	1							
4	2	172175-73700	FILTER ASSY, RETURN	1							
5	3	172175-73710	ELEMENT, FILTER	1							
6	3	172141-73770	VALVE ASSY, BY-PASS	1							
7	2	172187-73711	ROD ASSY, FILTER	1							
9	2	172446-75250	CAP, RESERVER	1							
10	2	172455-75270	GAUGE ASSY, OIL	1							
12	3	172455-75290	BOLT	2							
13	3	172455-75300	O-RING	4							
15	2	172B03-75400	COVER ASSY	1							
16	2	172B03-75450	COVER ASSY	1							
17	2	172187-75500	PLUG	1							
18	2	172112-75780	SPRING, FILTER	1							
19	2	172137-76110	NIPPLE	1							
20	2	172637-76110	ADAPTER, DRAIN	1							
21	2	22190-120002	WASHER, SEAL 12	1							
22	2	23871-030000	PLUG, R03	2							
23	2	24321-001050	O-RING, 1AG105.0	2							
24	2	24341-000300	O-RING, 1AS30.0	1							
25	2	26014-080202	BOLT, M8X 20	3							
26	2	26014-080202	BOLT, M8X 20	3							
27	2	26716-100002	NUT, M10	1							
28	2	933152-02710	SPRING, CLUTCH	1							
29	1	172122-55061	BRACKET, PUMP	2							
30	1	1A7400-61250	HOLDER, ROD 8	1							
31	1	172B03-61851	LOCK ASSY,CV B KEY	1							
32	1	172B03-61870	CATCH ASSY, COVER	1							
33	1	172B03-65780	HOOK, BONNET R	1							
34	1	22137-080000	WASHER, 8	1							
35	1	22137-100000	WASHER, 10	2							
36	1	22137-100000	WASHER, 10	2							
37	1	22137-140000	WASHER, 14	3							
38	1	22217-140000	WASHER, SPRING 14	3							
39	1	22372-080000	PIN, SNAP 8	1							
40	1	26013-060122	BOLT, SPRING M6X 12	4							
41	1	26013-100162	BOLT, SPRING M10X 16	2							
42	1	26013-100202	BOLT, SPRING M10X 20	2							
43	1	26116-140352	BOLT, M14X 35 PLATED	3							

Fig.93. TANK - PUMP & CONTROL VALVE



(A)=VIO30-6A P(KR)
(B)=
(C)=

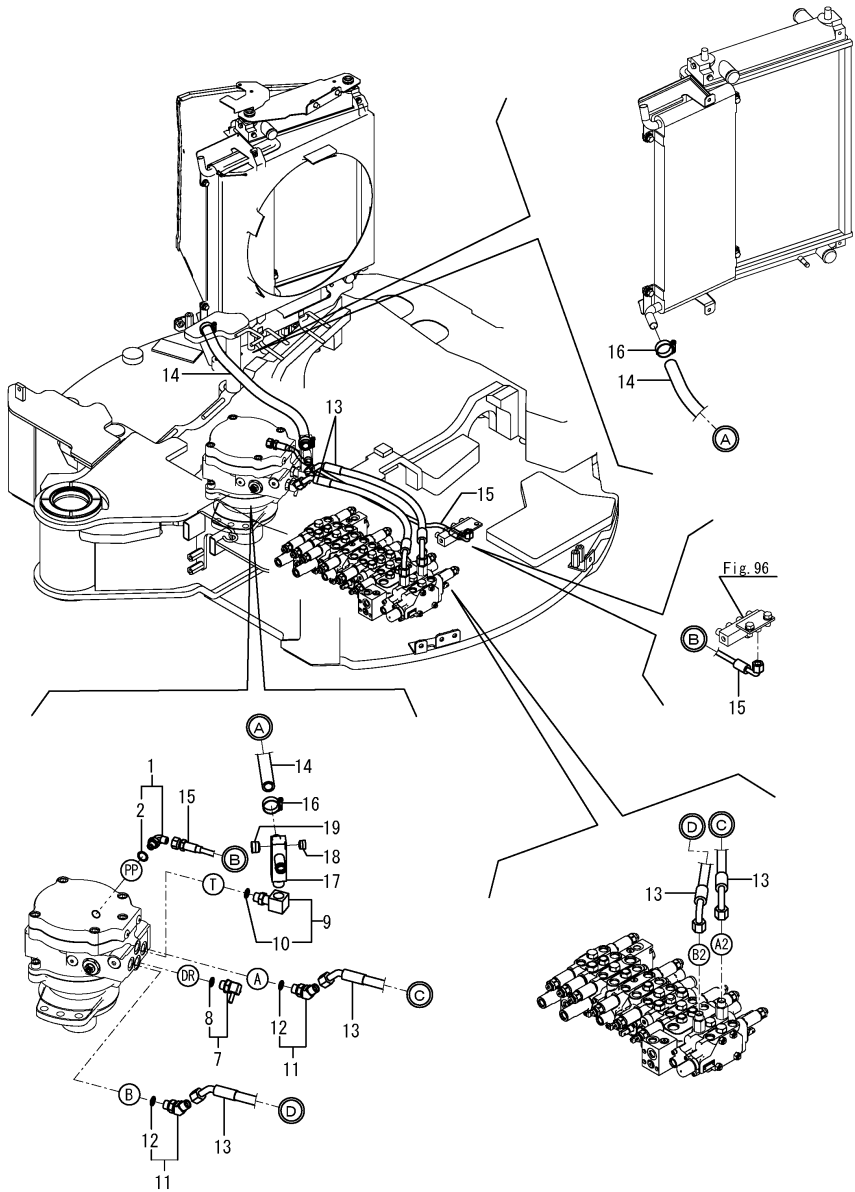
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2							
2	1	172A47-76151	ELBOW	2							
3	2	41851-000180	O-RING	2							
4	1	172444-76400	TUBE ASSY, SUCTION	1							
5	1	172A25-76570	CONNECTOR ASSY	1							
6	2	172460-76570	PLUG, SCREW	1							
7	2	24315-000140	O-RING, 1BP14.0	1							
8	1	172165-76590	PLUG	1							
9	1	172141-76920	CONNECTOR ASSY	1							
10	2	24315-000140	O-RING, 1BP14.0	1							
11	1	26013-100252	BOLT, M10X 25	2							
12	1	41851-000110	O-RING	3							
13	1	172126-11510	BAND	1							
14	1	172B02-78100	HOSE,SUCTION A	1							
15	1	172B03-78110	HOSE,SUCTION B	1							
16	1	172B03-78120	HOSE,15.9X25.9	1							
17	1	172B03-78130	HOSE, H208BC057S	2							
18	1	172B02-78140	HOSE, H208CC065S	1							
19	1	172B03-78310	HOSE, G612YY090S	1							
20	1	172B03-78600	HOSE, F403BB042S	1							
21	1	23001-025000	CLAMP, HOSE 25	2							
22	1	23001-035000	CLAMP, HOSE 35	3							
23	1	23001-060000	CLAMP, HOSE 60	8							

Remarks

* Fitting(control valve) is shown in Fig.95 & 96.

Fig.94. CONTROL VALVE - TURNING MOTOR



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

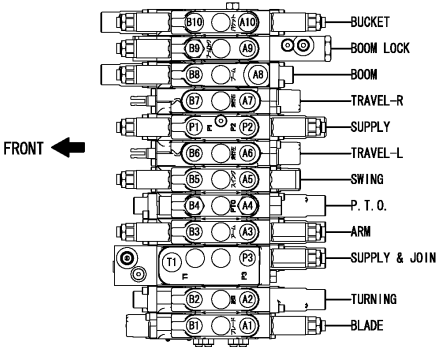
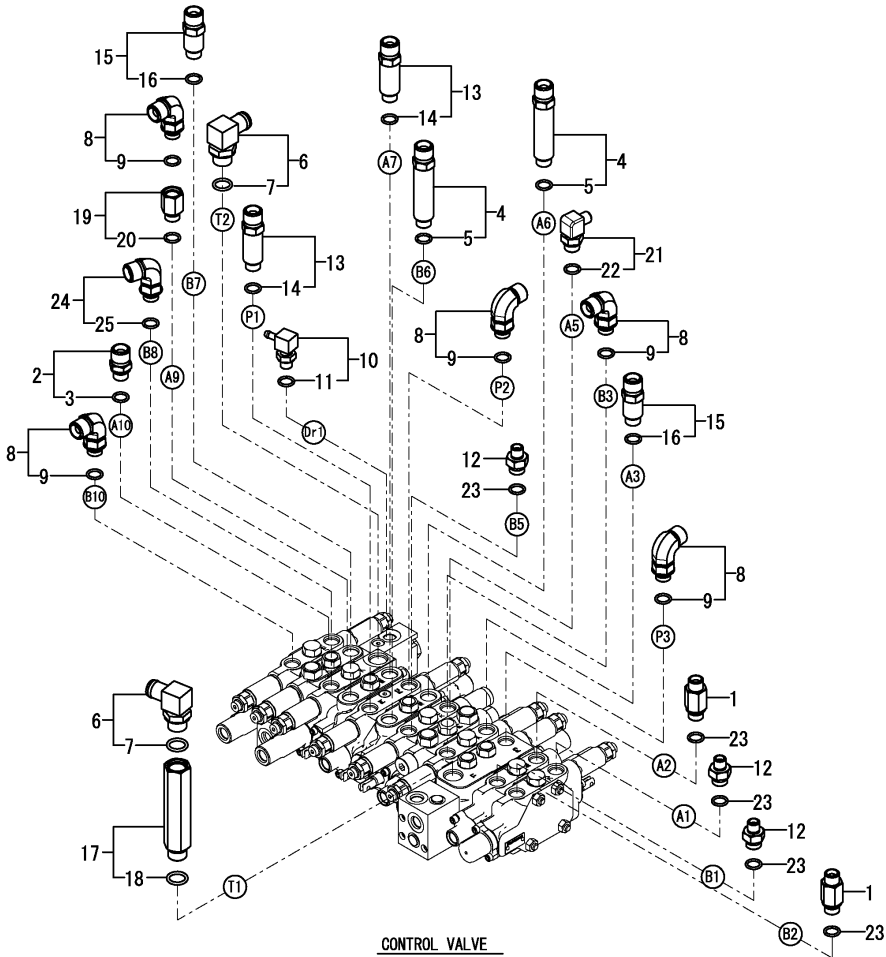
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	1							
2	2	41851-000110	O-RING, P11.0 HNBR	1							
7	1	172A52-76110	NIPPLE, TEE G3/8	1							
8	2	24315-000140	O-RING, 1BP14.0	1							
9	1	172458-76160	ELBOW, PF3/8-PT1/2	1							
10	2	24315-000140	O-RING, 1BP14.0	1							
11	1	172644-76161	ELBOW, ADJUST 45	2							
12	2	24315-000140	O-RING, 1BP14.0	2							
13	1	172B02-78260	HOSE, F206CE052	2							
14	1	172B03-78510	HOSE, G610YY057S	1							
15	1	172B03-78610	HOSE, F403BC070S	1							
16	1	23001-035000	CLAMP, HOSE 35	2							
17	1	172B03-76100	CONNECTOR, T R1/2	1							
18	1	23871-030000	PLUG, R03	1							1
19	1	23871-040000	PLUG, R04	1							1

Remarks
* Fitting(control valve) is shown in Fig.95 & 96.
(1)Not applied for P.T.O. specification.

Fig.95. CONTROL VALVE(FITTING)(1)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



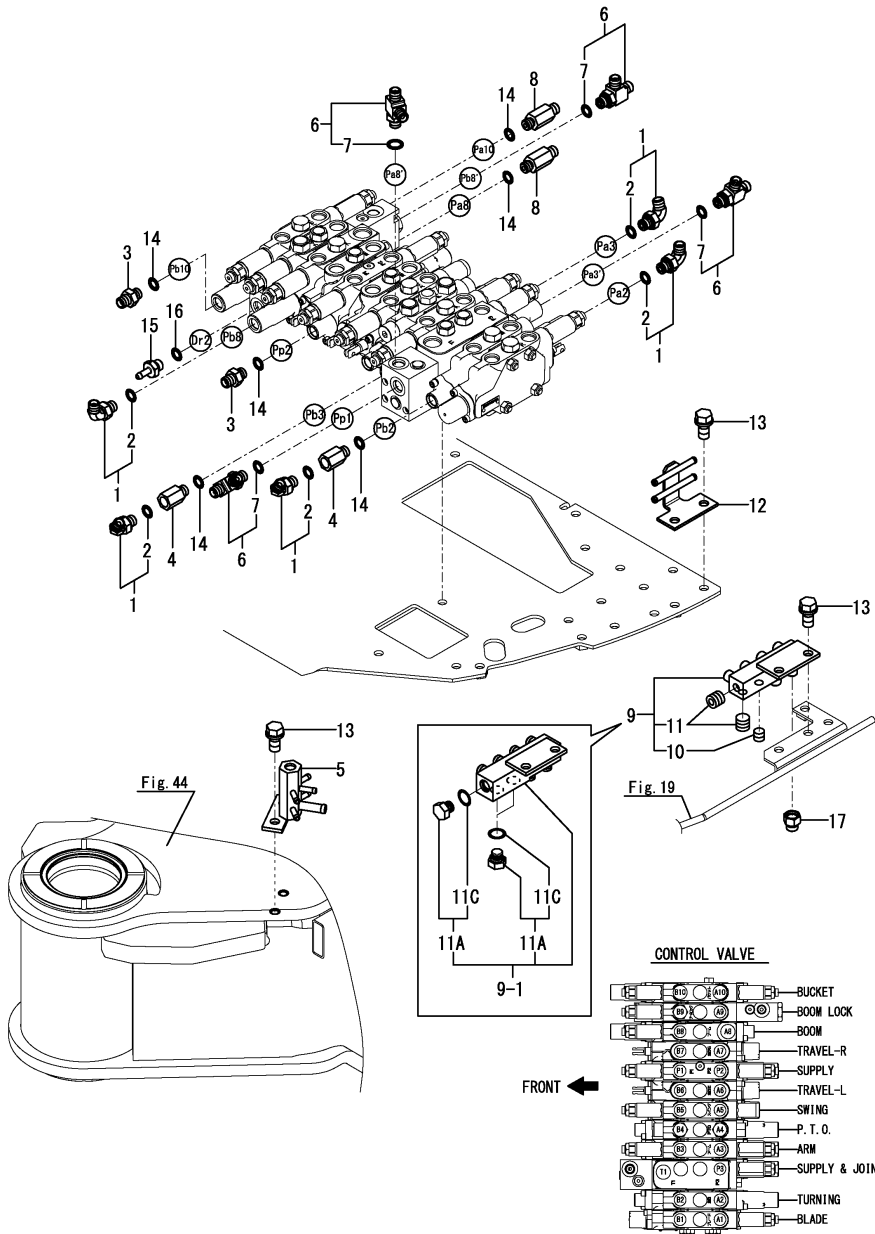
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76070	CONNECTOR, G3/8X3/8	2							
2	1	172B03-76110	CONNECTOR, G1/2X3/8	1							
3	2	41851-000140	O-RING	1							
4	1	172B03-76120	CONNECTOR, G1/2X3/8L	2							
5	2	41851-000140	O-RING	2							
6	1	172164-76131	ELBOW	2							
7	2	24315-000180	O-RING, 1BP18.0	2							
8	1	172B03-76130	ELBOW	5							
9	2	41851-000140	O-RING	5							
10	1	172458-76150	NIPPLE, ELBOW	1							
11	2	24315-000110	O-RING, 1BP11.0	1							
12	1	172124-76160	CONNECTOR	3							
13	1	172B03-76160	CONNECTOR, G1/2X3/8M	2							
14	2	41851-000140	O-RING	2							
15	1	172B03-76170	CONNECTOR, G1/2X3/8S	2							
16	2	41851-000140	O-RING	2							
17	1	172B03-76190	ADAPTER	1							
18	2	41851-000180	O-RING	1							
19	1	172B03-76630	ADAPTER	1							
20	2	41851-000140	O-RING	1							
21	1	172141-76920	CONNECTOR ASSY	1							
22	2	24315-000140	O-RING, 1BP14.0	1							
23	1	41851-000140	O-RING	5							
24	1	172B03-76130	ELBOW	1							
25	2	41851-000140	O-RING	1							

Fig.96. CONTROL VALVE(FITTING)(2)

(A)=VIO30-6A P(KR)
(B)=
(C)=

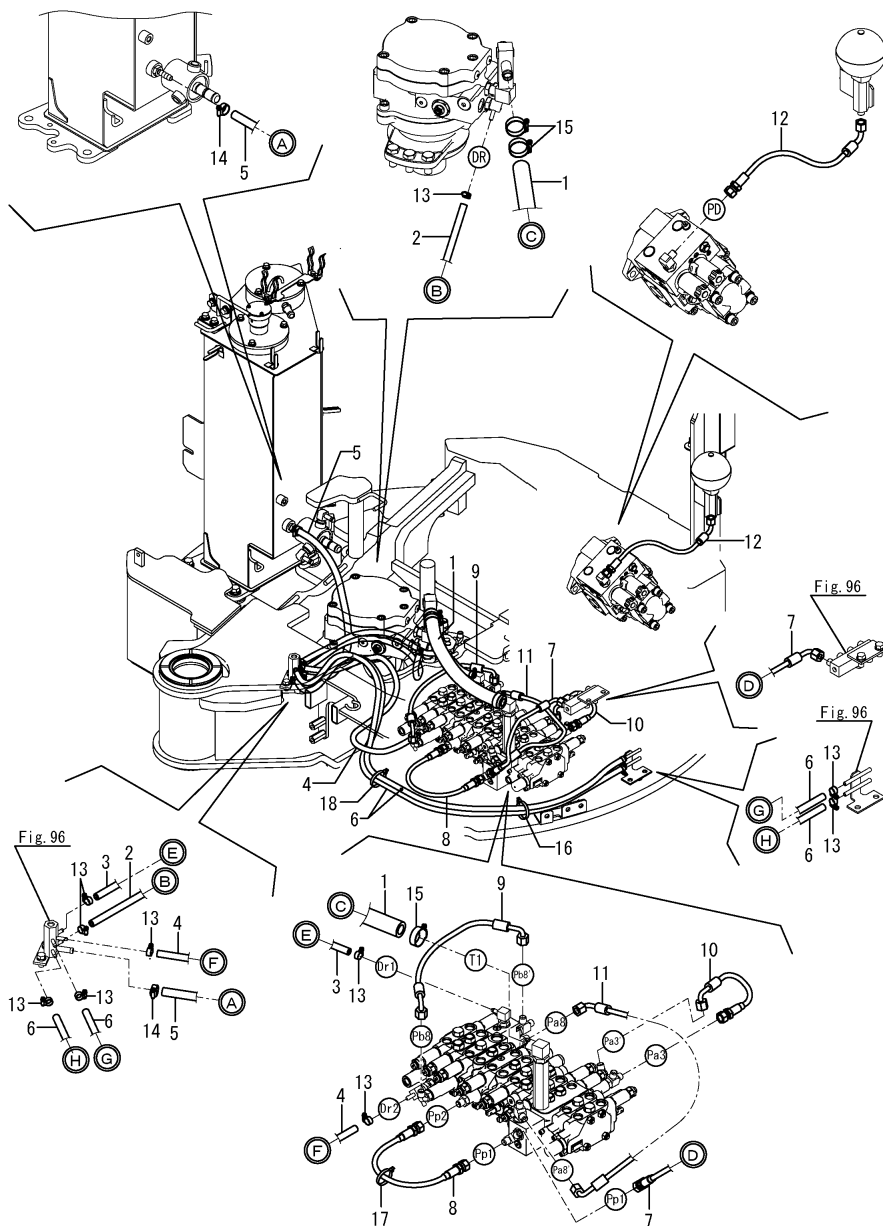
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	5							
2	2	41851-000110	O-RING, P11.0 HNBR	5							
3	1	172123-76121	ADAPTER, M/M PF1/4	2							
4	1	172422-76140	CONNECTOR, PF1/4	2							
5	1	172445-76153	BLOCK, DRAIN	1							
6	1	172162-76181	JOINT, 3-1/4	4							
7	2	41851-000110	O-RING, P11.0 HNBR	4							
8	1	172183-76200	CONNECTOR, 1/4-1/4	2							
9	1	172A47-76310	BLOCK, PILOT	1							
9-1	1	172A47-76340	CONNECTOR ASSY,PILOT	1							S
(A=*2022.03)											
10	2	23871-010000	PLUG, R01	1							Z
(A=*2022.03)											
11	2	23871-020000	PLUG, R02	2							Z
(A=*2022.03)											
11A	2	172165-76591	PLUG, PF1/4	3							W
(A=*2022.03)											
11C	3	24319-000110	PACKING,HNBR-90 P 11	3							W
(A=*2022.03)											
12	1	172B03-76310	CONNECTOR ASSY	1							
13	1	26013-100202	BOLT, M10X 20	6							
14	1	41851-000110	O-RING, P11.0 HNBR	6							
15	1	172B03-76080	NIPPLE, G1/4	1							
16	1	41851-000110	O-RING, P11.0 HNBR	1							
17	1	1E3030-78370	CAP, SCREW	1							1



Remarks
(1)P.T.O.(Foot pedal) specification.

Fig.97. CONTROL VALVE - RETURN & DRAIN



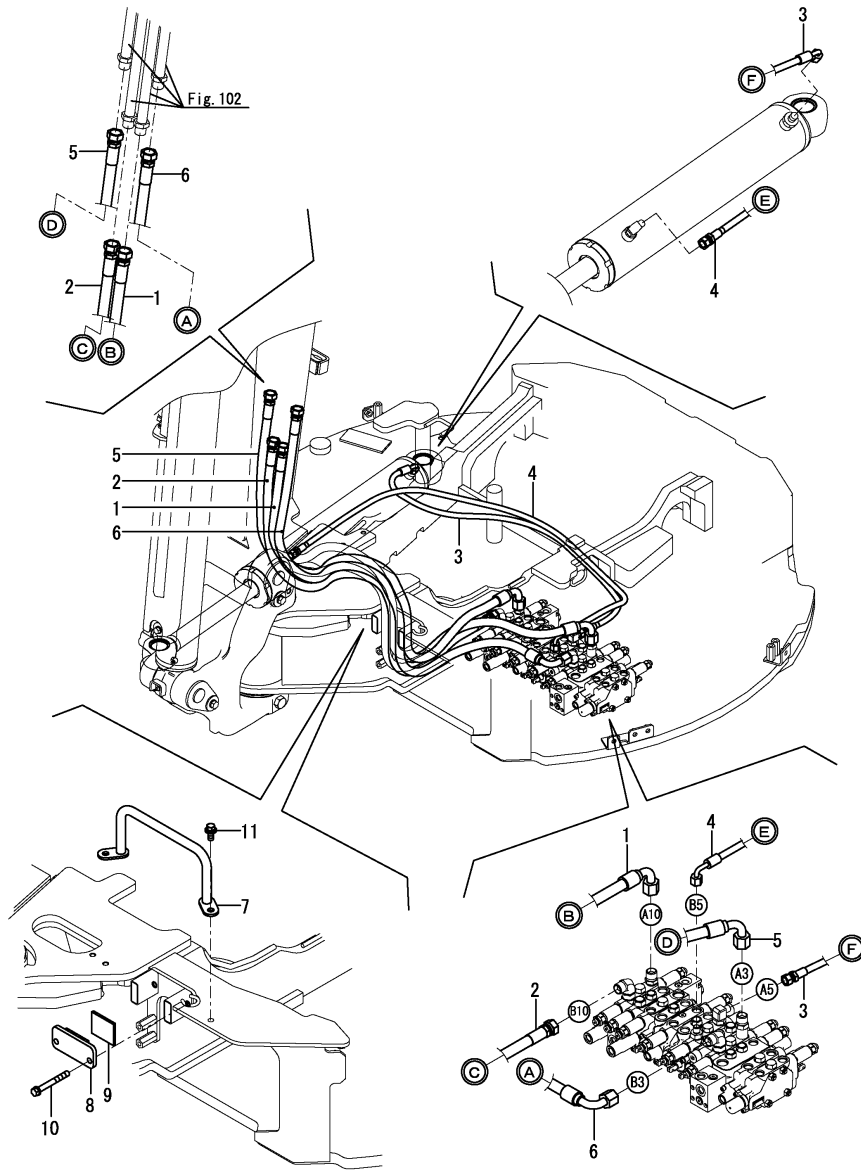
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-78300	HOSE, G612YY045	1							
2	1	172B03-78530	HOSE, G804YY061S	1							
3	1	172B03-78540	HOSE, G804YY058S	1							
4	1	172B03-78550	HOSE, G804YY071S	1							
5	1	172B03-78560	HOSE, G806YY060S	1							
6	1	172B03-78570	HOSE, G804YY143S	2							
7	1	172B03-78620	HOSE, F403BC032S	1							
8	1	172B03-78640	HOSE, F403BB041S	1							
9	1	172B03-78650	HOSE, F403CC040S	1							
10	1	172B03-78701	HOSE, H603BC023S	1							
11	1	172B03-78720	HOSE, F403CC056	1							
12	1	172B03-78760	HOSE, F403BC035	1							
13	1	23000-013000	CLAMP, 13	10							
14	1	23001-019000	CLAMP, HOSE 19	2							
15	1	23001-035000	CLAMP, HOSE 35	3							
16	1	194202-56460	BAND, BINDING 200	1							W
16-1	1	172126-11510	BAND, BINDING 300	1							N
17	1	172126-11510	BAND, BINDING 300	1							W
18	1	172126-11510	BAND, BINDING 300	1							W

* Fitting(control valve) is shown in Fig.95 & 96.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

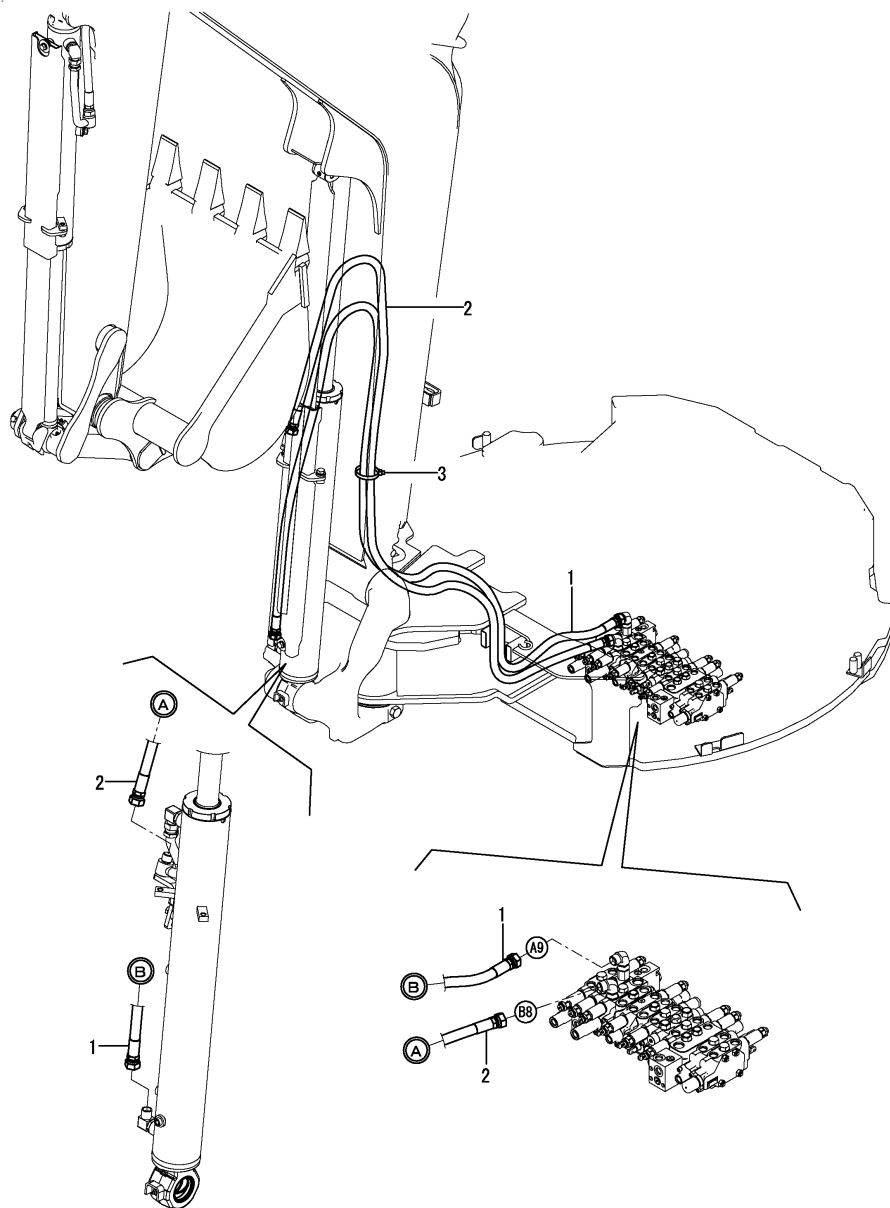
Fig.98. CONTROL VALVE - BOOM BULKHEAD & SWING



				(A)=VIO30-6A P(KR)					(D)=			
				(B)=					(E)=			
				(C)=					(F)=			
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B03-78160	HOSE, H208BC135K	1								
2	1	172B03-78170	HOSE, H208BB130K	1								
3	1	172B03-78220	HOSE, F204BC105S	1								
4	1	172B03-78230	HOSE, F204BC137S	1								
5	1	172B03-78240	HOSE, H208BC158K	1								
6	1	172B03-78250	HOSE, H208BC155K	1								
7	1	172B03-79720	GUIDE ASSY, HOSE	1								
8	1	172B03-79950	PLATE ASSY, HOSE	1								
9	1	172B03-79970	CLAMP, HOSE	1								
10	1	26013-100852	BOLT, M10X 85	2								
11	1	26014-100252	BOLT, M10X 25	2								

* Fitting(control valve) is shown in Fig.95 & 96.

N:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \text{Yes} \\ \text{Yes} \end{matrix}$ New, S:Old $\begin{matrix} \text{No} \\ \text{No} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

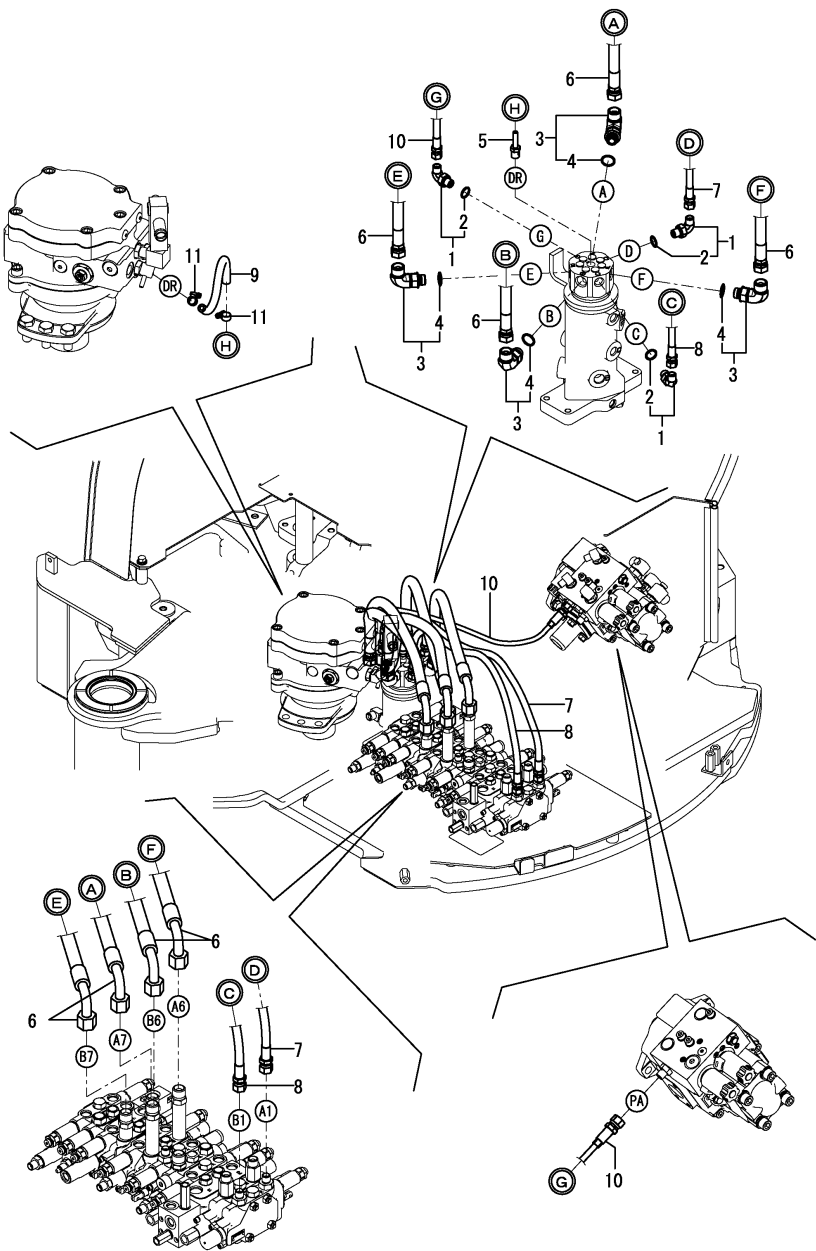


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-78180	HOSE, H208BB296K	1							
1-1	1	172B03-78181	HOSE, H208BB296K	1							R
		(A=*2019.04.)									
1-2	1	172B03-78182	HOSE, H208BB296K	1							N
		(A=*2025.01)									
2	1	172B03-78190	HOSE, H208BB251K	1							
3	1	172122-79890	CLAMP, HOSE 350	1							

* Fitting(control valve) is shown in Fig.95 & 96.

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
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

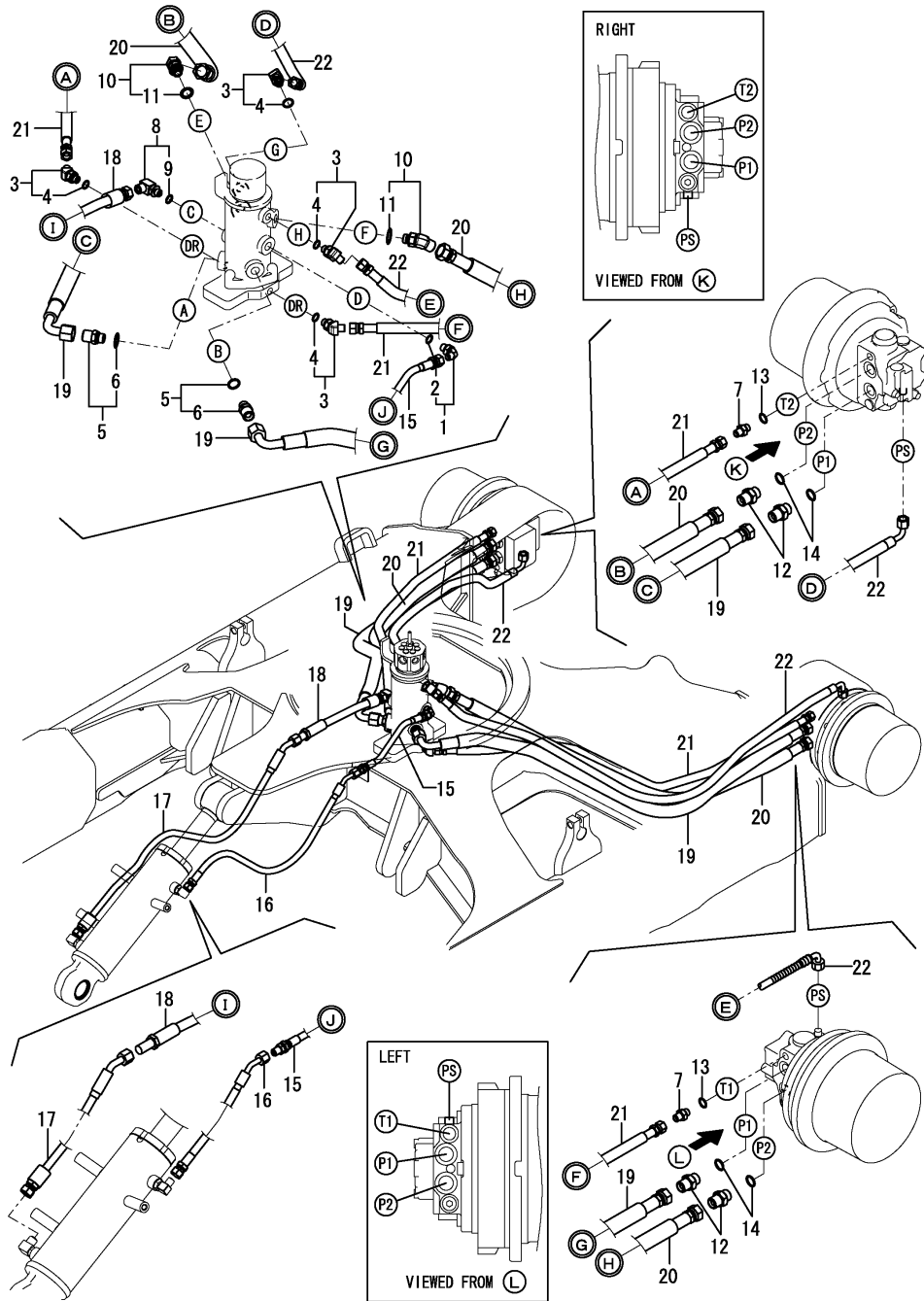
Fig.100. CONTROL VALVE - SWIVEL JOINT



(A)=VIO30-6A P(KR)
(B)=
(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							
2	2	41851-000110	O-RING	3							
3	1	172B03-76130	ELBOW	4							
4	2	41851-000140	O-RING	4							
5	1	172141-76220	NIPPLE, 02	1							
6	1	172B03-78200	HOSE, F208BC059S	4							
7	1	172B03-78280	HOSE, F204BB085S	1							
8	1	172B03-78290	HOSE, F204BB082S	1							
9	1	172B03-78520	HOSE, G804YY022S	1							
10	1	172B03-78630	HOSE, F403BB070S	1							
11	1	23000-013000	CLAMP, 13	2							

Remarks
* Fitting(control valve) is shown in Fig.95 & 96.

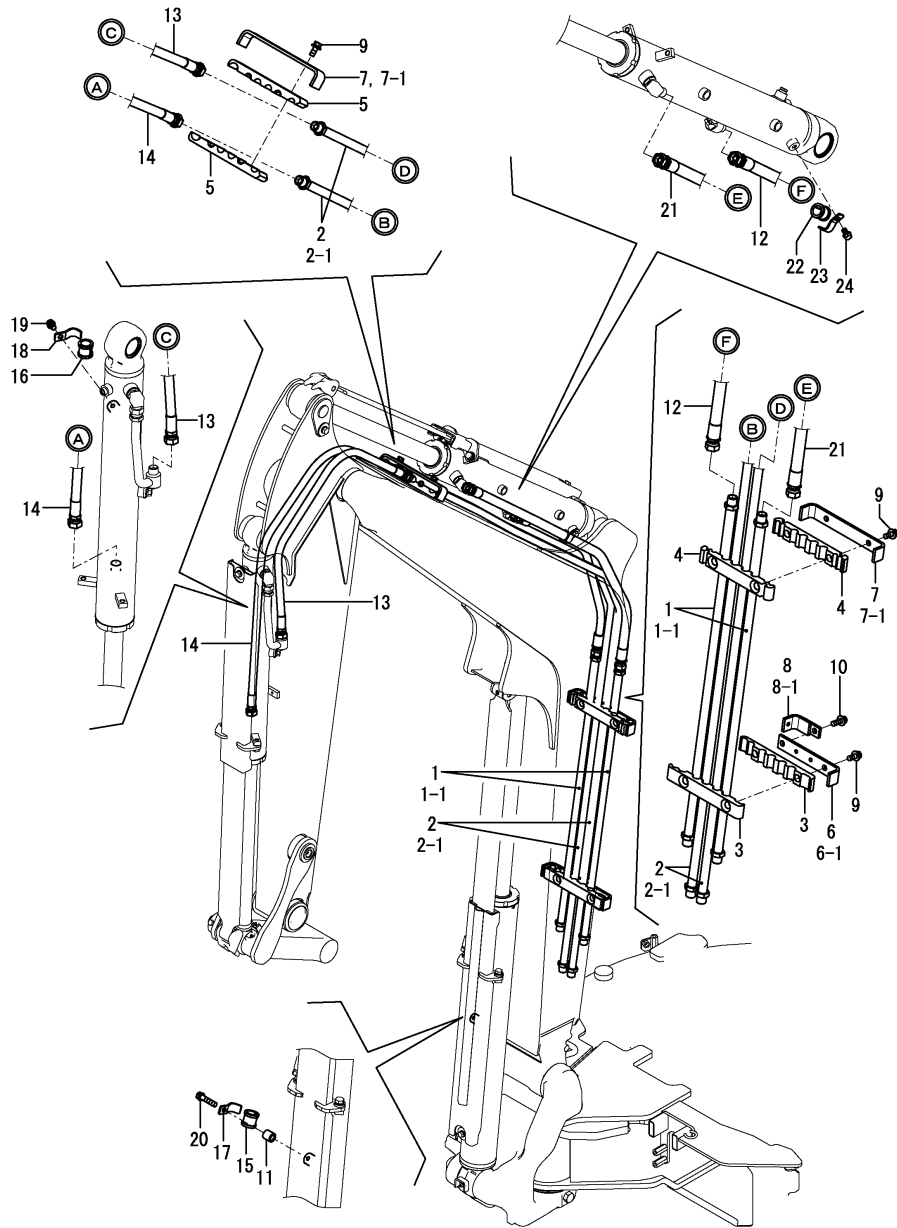


(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1							
2	2	41851-000110	O-RING	1							
3	1	172173-76102	CONNECTOR ASSY	4							
4	2	41851-000110	O-RING	4							
5	1	172B03-76110	CONNECTOR, G1/2X3/8	2							
6	2	41851-000140	O-RING	2							
7	1	172123-76121	ADAPTER	2							
8	1	172173-76121	CONNECTOR ASSY	1							
9	2	24315-000110	O-RING, 1BP11.0	1							
10	1	172B03-76150	ELBOW	2							
11	2	41851-000140	O-RING	2							
12	1	172112-77361	CONNECTOR	4							
13	1	41851-000110	O-RING	2							
14	1	41851-000180	O-RING	4							
15	1	172B03-78320	HOSE, H204BX027	1							
16	1	172B03-78330	HOSE, F204BE063W	1							
17	1	172B03-78340	HOSE, F206BE087W	1							
18	1	172B03-78350	HOSE, H206BX027	1							
19	1	172B03-78360	HOSE, F208BC106W	2							
20	1	172B03-78370	HOSE, F208BB103W	2							
21	1	172B03-78380	HOSE, F204BB105W	2							
22	1	172B03-78390	HOSE, F204BC116W	2							

Fig.102. ARM CYLINDER & BUCKET CYLINDER



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

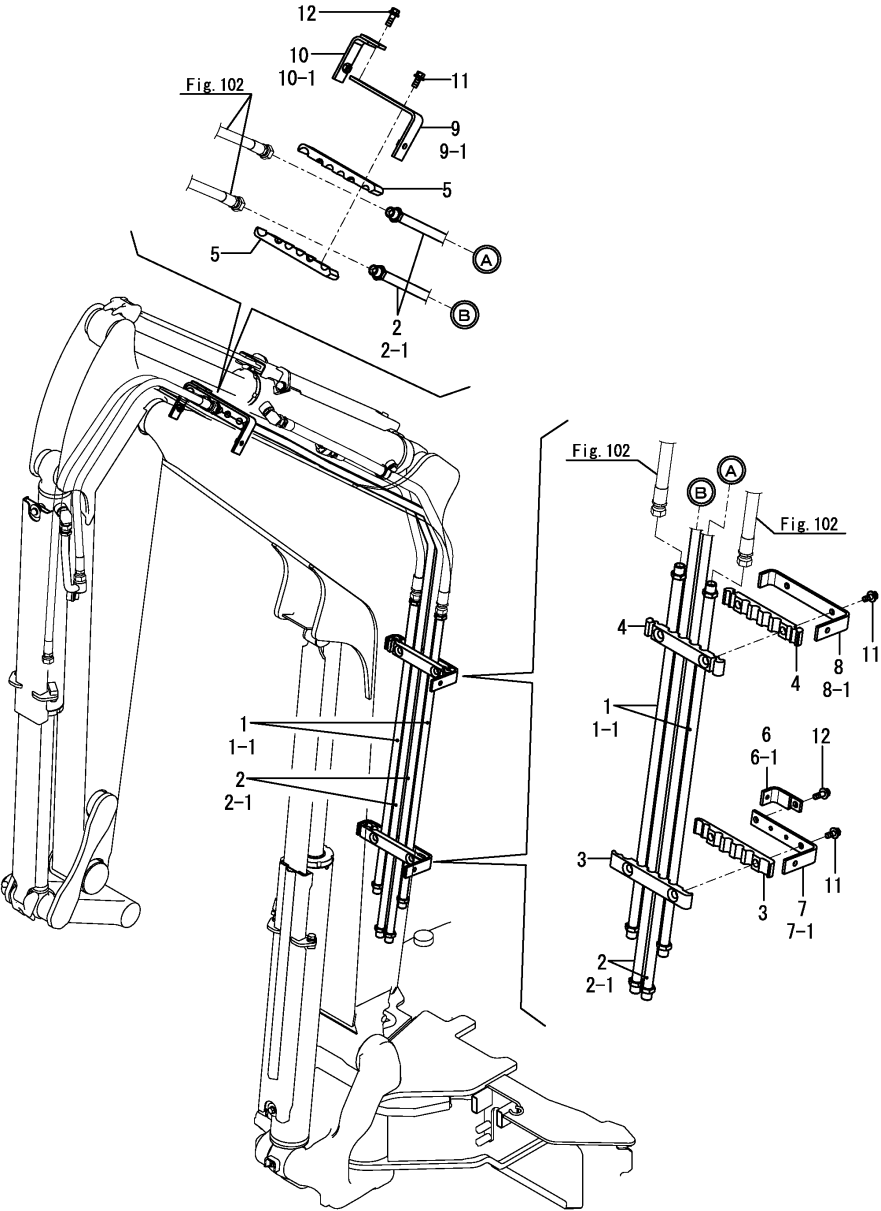
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76220	TUBE ASSY, ARM	2							1
1-1	1	172B03-76220-1	TUBE ASSY, ARM	2						S	1
(A=M6N952)											
2	1	172B02-76270	TUBE ASSY, BUCKET	2							1
2-1	1	172B02-76270-1	TUBE ASSY, BUCKET	2						S	1
(A=M6N952)											
3	1	172B03-76400	RUBBER, CLAMP A	2							1
4	1	172B03-76410	RUBBER, CLAMP B	2							1
5	1	172B03-76420	RUBBER, CLAMP C	2							1
6	1	172B03-76440	CLAMP, TUBE A	1							1
6-1	1	172B03-76440-N	CLAMP, TUBE A	1						S	1
(A=M6N952)											
7	1	172B03-76450	CLAMP, TUBE B	2							1
7-1	1	172B03-76450-N	CLAMP, TUBE B	2						S	1
(A=M6N952)											
8	1	172B03-76470	CLAMP ASSY, BOOM	1							1
8-1	1	172B03-76470-N	CLAMP ASSY, BOOM	1						S	1
(A=M6N952)											
9	1	26014-100252	BOLT, M10X 25	5							1
10	1	26014-100302	BOLT, M10X 30	1							1
11	1	172A47-76460	COLLAR, 12.2X20X20	1							
12	1	172B02-78400	HOSE, H208BB069K	1							
13	1	172B02-78420	HOSE, H206BB075K	1							
14	1	172B02-78430	HOSE, H206BB107K	1							
15	1	172B03-79861	RUBBER, HOSE CLAMP	1							
16	1	172B03-79861	RUBBER, HOSE CLAMP	1							
17	1	172B03-79871	CLAMP, HOSE	1							
18	1	172B03-79871	CLAMP, HOSE	1							
19	1	26013-100162	BOLT, M10X 16	1							
20	1	26013-100452	BOLT, M10X 45	1							
21	1	172B02-78410	HOSE, H208BB112K	1							
22	1	172B03-79861	RUBBER, HOSE CLAMP	1							
23	1	172B03-79871	CLAMP, HOSE	1							
24	1	26013-100162	BOLT, M10X 16	1							

Remarks
(1)Not applied for P.T.O.2 specification.

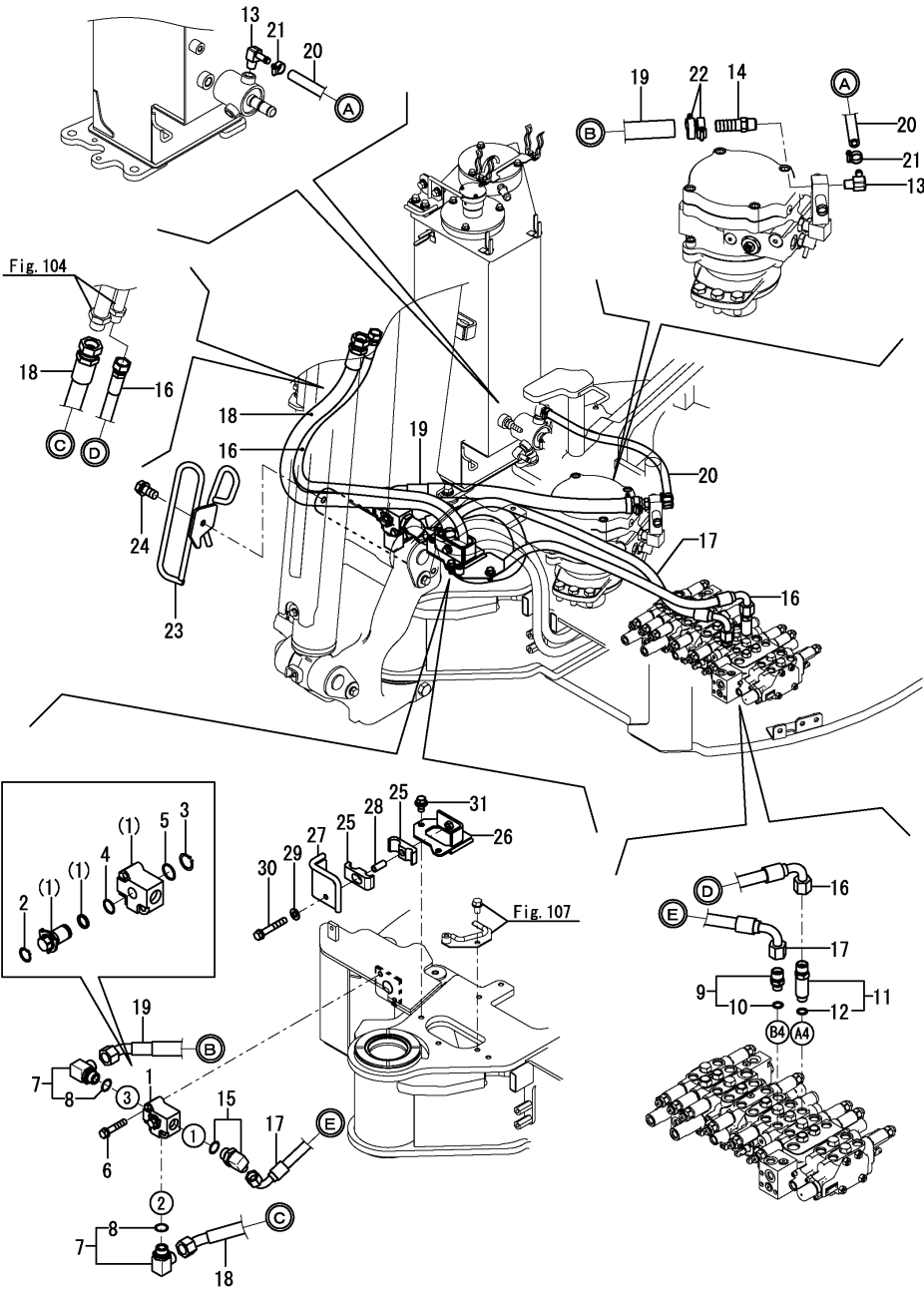
Fig.165. (102A)ARM CYLINDER & BUCKET CYLINDER(TUBE)(P.T.O.2 SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



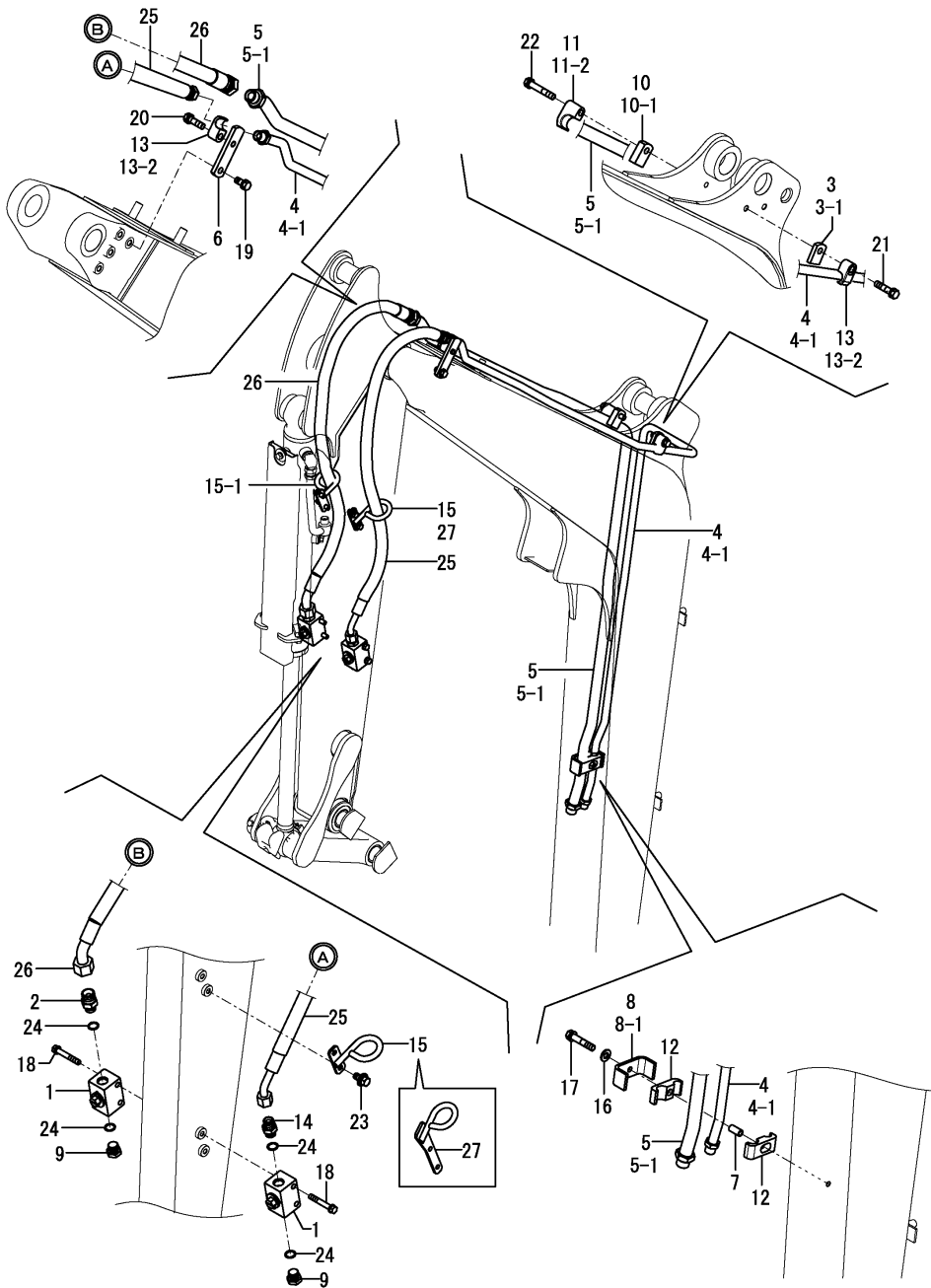
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76220	TUBE ASSY, ARM	2							
1-1	1	172B03-76220-1	TUBE ASSY, ARM	2							S
(A=M6N952)											
2	1	172B02-76270	TUBE ASSY, BUCKET	2							
2-1	1	172B02-76270-1	TUBE ASSY, BUCKET	2							S
(A=M6N952)											
3	1	172B03-76400	RUBBER, CLAMP A	2							
4	1	172B03-76410	RUBBER, CLAMP B	2							
5	1	172B03-76420	RUBBER, CLAMP C	2							
6	1	172B03-76470	CLAMP ASSY, BOOM	1							
6-1	1	172B03-76470-N	CLAMP ASSY, BOOM	1							S
(A=M6N952)											
7	1	172B33-76900	CLAMP ASSY, TUBE A	1							
7-1	1	172B33-76900-N	CLAMP ASSY, TUBE A	1							S
(A=M6N952)											
8	1	172B33-76920	CLAMP ASSY, TUBE B	1							
8-1	1	172B33-76920-N	CLAMP ASSY, TUBE B	1							S
(A=M6N952)											
9	1	172B33-76950	CLAMP ASSY, TUBE C	1							
9-1	1	172B33-76950-N	CLAMP ASSY, TUBE C	1							S
(A=M6N952)											
10	1	172B33-76970	CLAMP ASSY, TUBE D	1							
10-1	1	172B33-76970-N	CLAMP ASSY, TUBE D	1							S
(A=M6N952)											
11	1	26014-100252	BOLT, M10X 25	4							
12	1	26014-100302	BOLT, M10X 30	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-74121	VALVE ASSY, SELECTOR	1							
2	2	22242-000210	RING, 21	1							
3	2	22242-000250	RING, 25	1							
4	2	24315-000210	O-RING, 1BP21.0	1							
5	2	24315-000250	O-RING, 1BP25.0	1							
6	1	26013-100552	BOLT, M10X 55	2							
7	1	172141-76090	CONNECTOR ASSY	2							
8	2	24315-000240	O-RING, 1BP24.0	2							
9	1	172B03-76110	CONNECTOR, G1/2X3/8	1							
10	2	41851-000140	O-RING, P 14.0 HNBR	1							
11	1	172B03-76160	CONNECTOR, G1/2X3/8 M	1							
12	2	41851-000140	O-RING, P 14.0 HNBR	1							
13	1	172168-76370	ELBOW, 90 3/8-1/2	2							
14	1	172438-76460	NIPPLE, HOSE 80	1							
15	1	172534-76760	ELBOW, G3/4-G1/2	1							
16	1	172B03-79110	HOSE, H208BC170K	1							
17	1	172B03-79120	HOSE, H208CC088S	1							
17-1	1	172B03-79121	HOSE, H208CC088S	1							R
(A=*2019.04.)											
17-2	1	172B03-79122	HOSE, H208CC088S	1							N
(A=*2025.01)											
18	1	172B03-79130	HOSE, G112BE155K	1							
19	1	172B03-79140	HOSE, G612EY062S	1							
20	1	172B03-79150	HOSE, G606YY050S	1							
21	1	23001-019000	CLAMP, HOSE 19	2							
22	1	23001-035000	CLAMP, HOSE 35	2							
23	1	172B03-79811	GUIDE ASSY, HOSE PTO	1							
24	1	26013-120252	BOLT, M12X 25	1							
25	1	172187-76940	RUBBER, CLAMP B	2							
26	1	172B03-77610	CLAMP ASSY, HOSE	1							
27	1	172B03-77661	CLAMP ASSY, HOSE PTO	1							
28	1	172455-79140	COLLAR, CLAMP	1							
29	1	22137-100000	WASHER, 10	1							
30	1	26013-100652	BOLT, M10X 65	1							
31	1	26014-100202	BOLT, M10X 20	2							

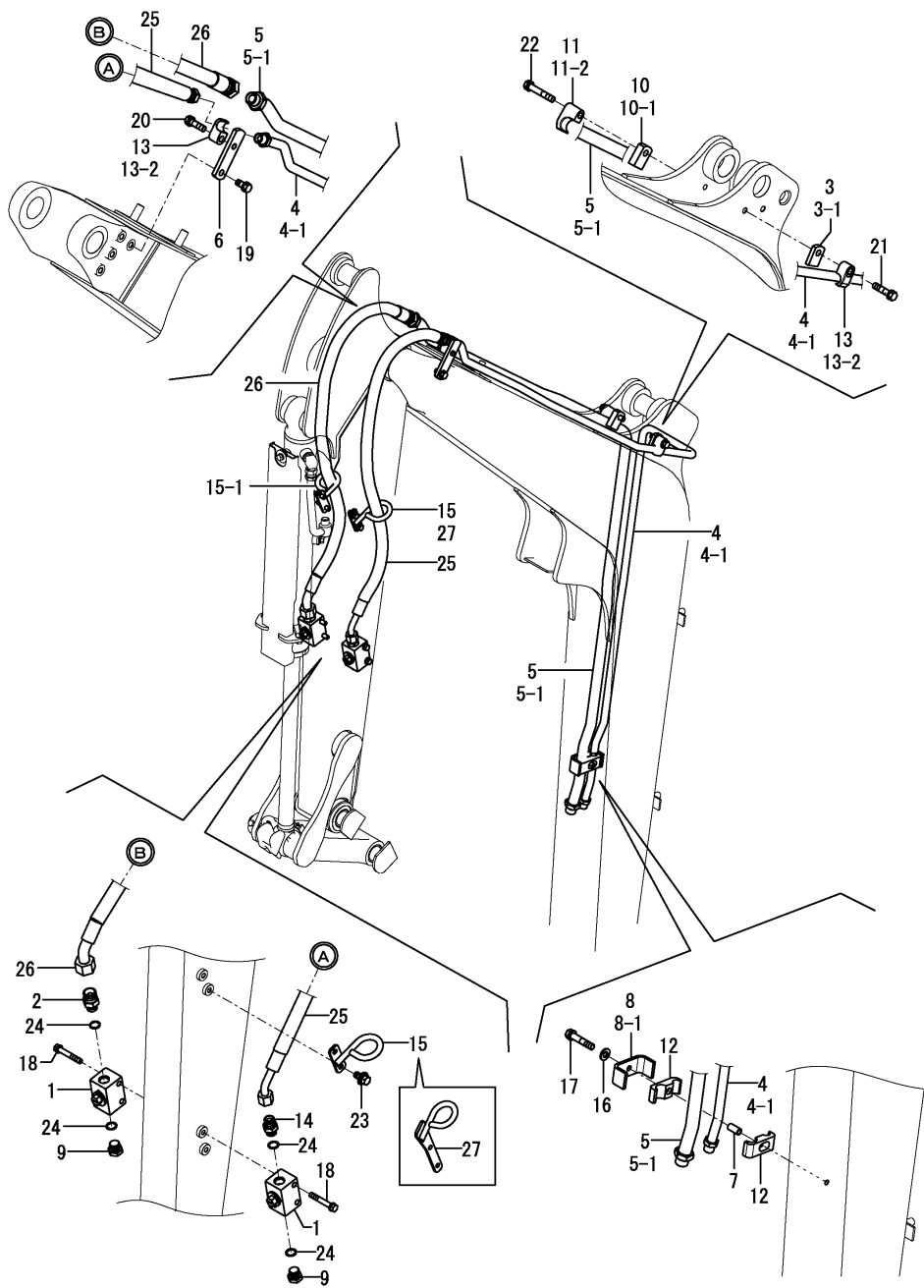
(A)=VIO30-6A P(KR)
(B)=
(C)=

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



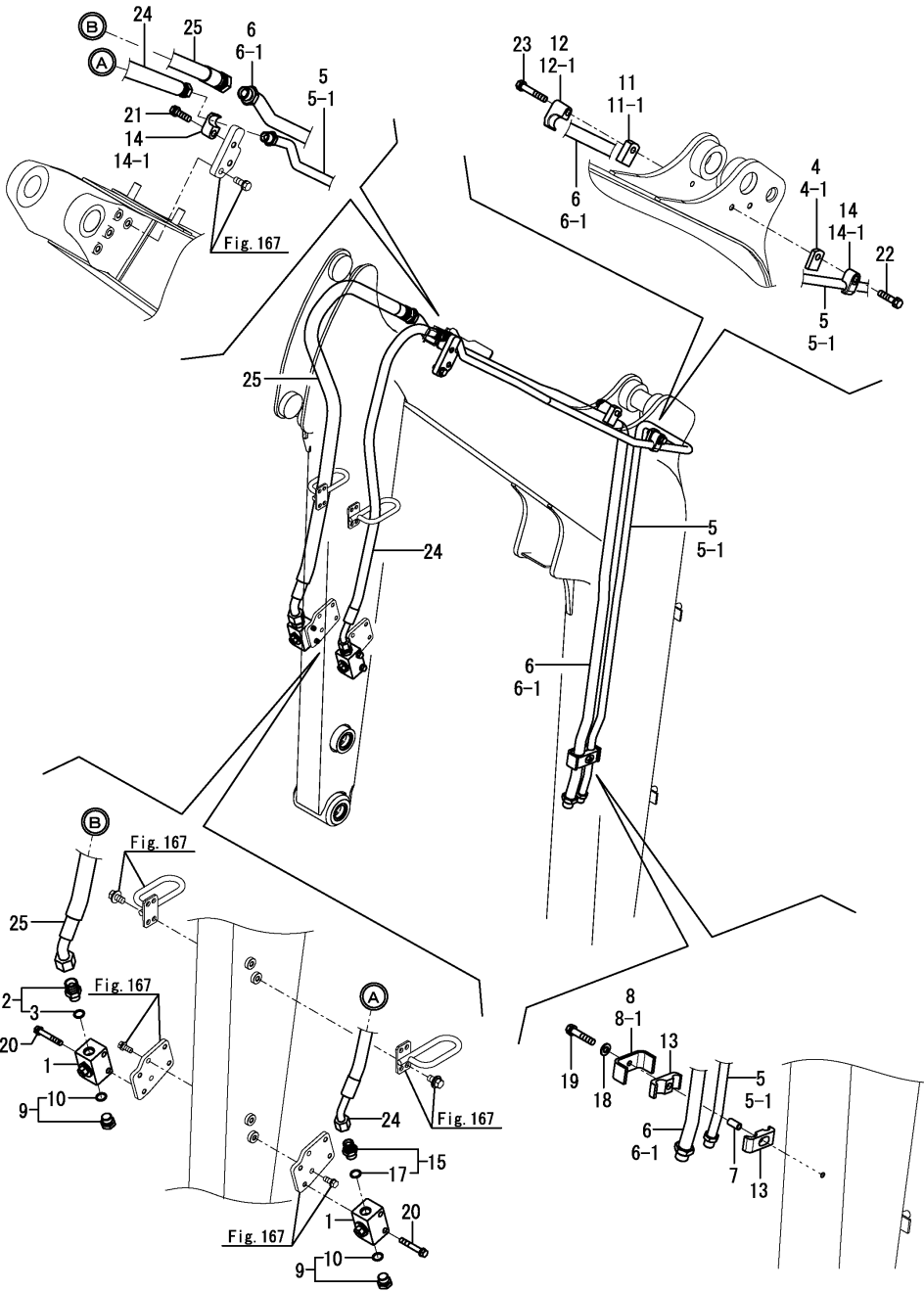
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74900	VALVE ASSY,STOP G1/2	2							
2	1	172187-76200	ADAPTER, 1/2-3/4	1							
3	1	172183-76250-Y	PLATE, SPACER	1							
3-1	1	172183-76250-3 (A=M6N952)	PLATE, SPACER	1							S
4	1	172B02-76350	TUBE ASSY, PTO L	1							
4-1	1	172B02-76350-1 (A=M6N952)	TUBE ASSY, PTO L	1							S
5	1	172B02-76370	TUBE ASSY, PTO R	1							
5-1	1	172B02-76370-1 (A=M6N952)	TUBE ASSY, PTO R	1							S
6	1	172B03-76511	STAY, CLAMP PTO	1							
7	1	172187-76520	COLLAR, CLAMP	1							
8	1	172187-76530-Y	CLAMP, TUBE	1							
8-1	1	172187-76530-3 (A=M6N952)	CLAMP, TUBE	1							S
9	1	172165-76580	PLUG, HEXAGON PF1/2	2							
10	1	172187-76690-Y	PLATE, SPACER T16	1							
10-1	1	172187-76690-N (A=M6N952)	PLATE, SPACER T16	1							S
11	1	172142-76940-Y	CLAMP, 3/4	1							
11-1	1	172142-76941 (A=M60537)	CLAMP, 3/4	1							N
11-2	1	172142-76941-N (A=M6N952)	CLAMP, 3/4	1							S
12	1	172187-76940	RUBBER, CLAMP B	2							
13	1	172142-76950-Y	CLAMP, 1/2	2							
13-1	1	172142-76951 (A=M60537)	CLAMP, 1/2	2							N
13-2	1	172142-76951-N (A=M6N952)	CLAMP, 1/2	2							S
14	1	172112-77361 (A=M6N952)	CONNECTOR, PF1/2-1/2	1							
15	1	172B03-77900	GUIDE ASSY, HOSE PTO	2							
15-1	1	172B03-77900 (A=MAF014)	GUIDE ASSY, HOSE PTO	1							K
16	1	22137-100000 (A=*2020.03.)	WASHER, 10	1							Z
17	1	26013-100502	BOLT, M10X 50	1							
17-1	1	26014-100502 (A=*2020.03.)	BOLT, M10X 50	1							N
18	1	26013-100652	BOLT, M10X 65	4							
19	1	26013-120252	BOLT, M12X 25	1							
20	1	26013-120402	BOLT, M12X 40	1							
20-1	1	26014-120402 (A=*2016.05.)	BOLT, 12 X 40	1							N
21	1	26013-120502	BOLT, M12X 50	1							
21-1	1	26014-120502 (A=*2016.05.)	BOLT, 12 X 50	1							N
22	1	26013-120702	BOLT, M12X 70	1							
22-1	1	26014-120702 (A=*2016.05.)	BOLT, 12 X 70	1							N

Fig.104. P.T.O.(BOOM - ARM END)



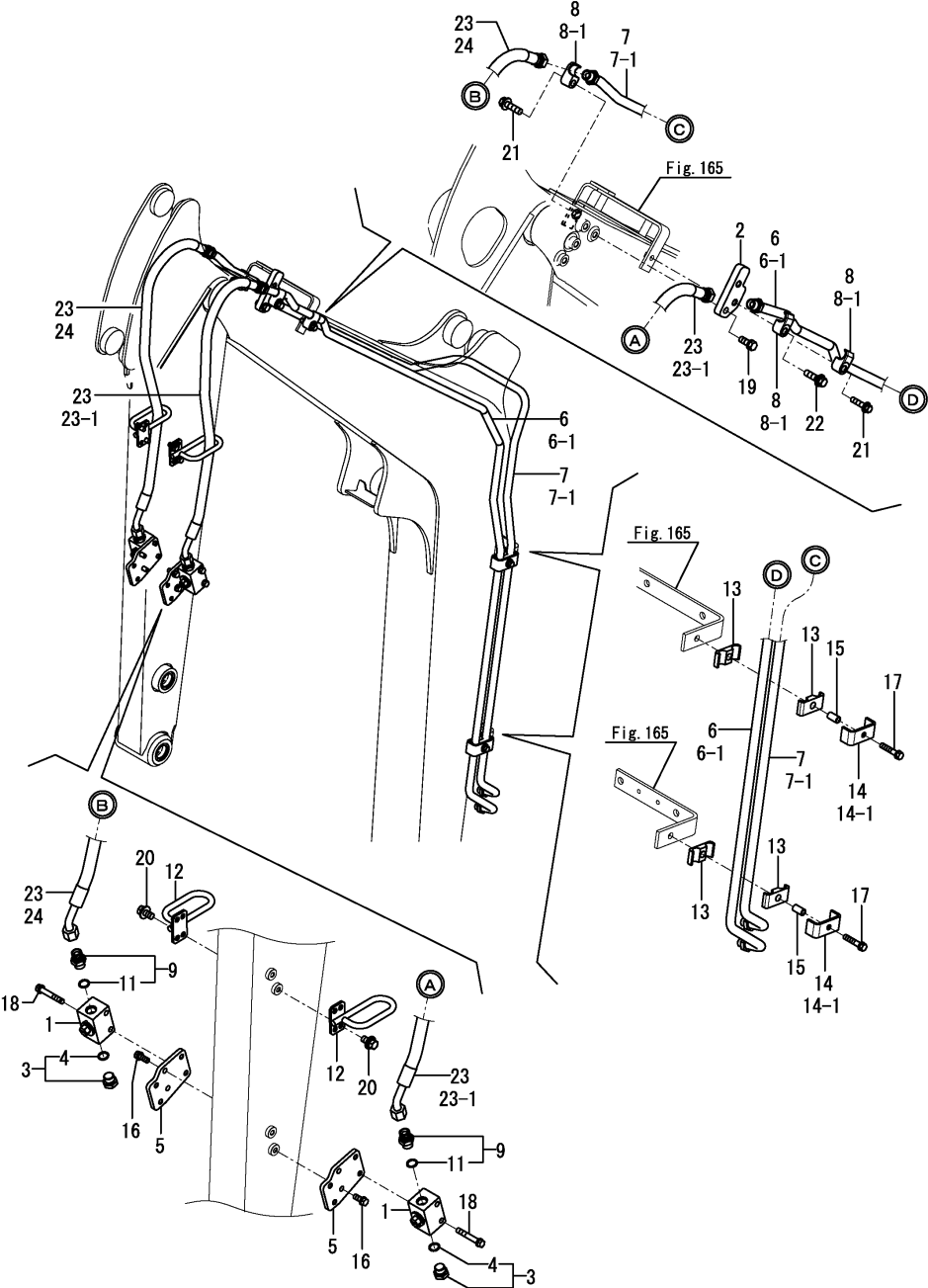
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
23	1	26014-100202	BOLT, M10X 20	4							
24	1	41851-000180	O-RING, P 18.0 HNBR	4							
25	1	172B02-79160	HOSE, H208BE094W	1							
26	1	172B02-79170	HOSE, H112BE113W	1							
27	1	172B02-77900	GUIDE ASSY,HOSE PTOL	1							W

Fig.166. (104A)P.T.O.(BOOM - ARM END)(P.T.O.2 SPEC.)



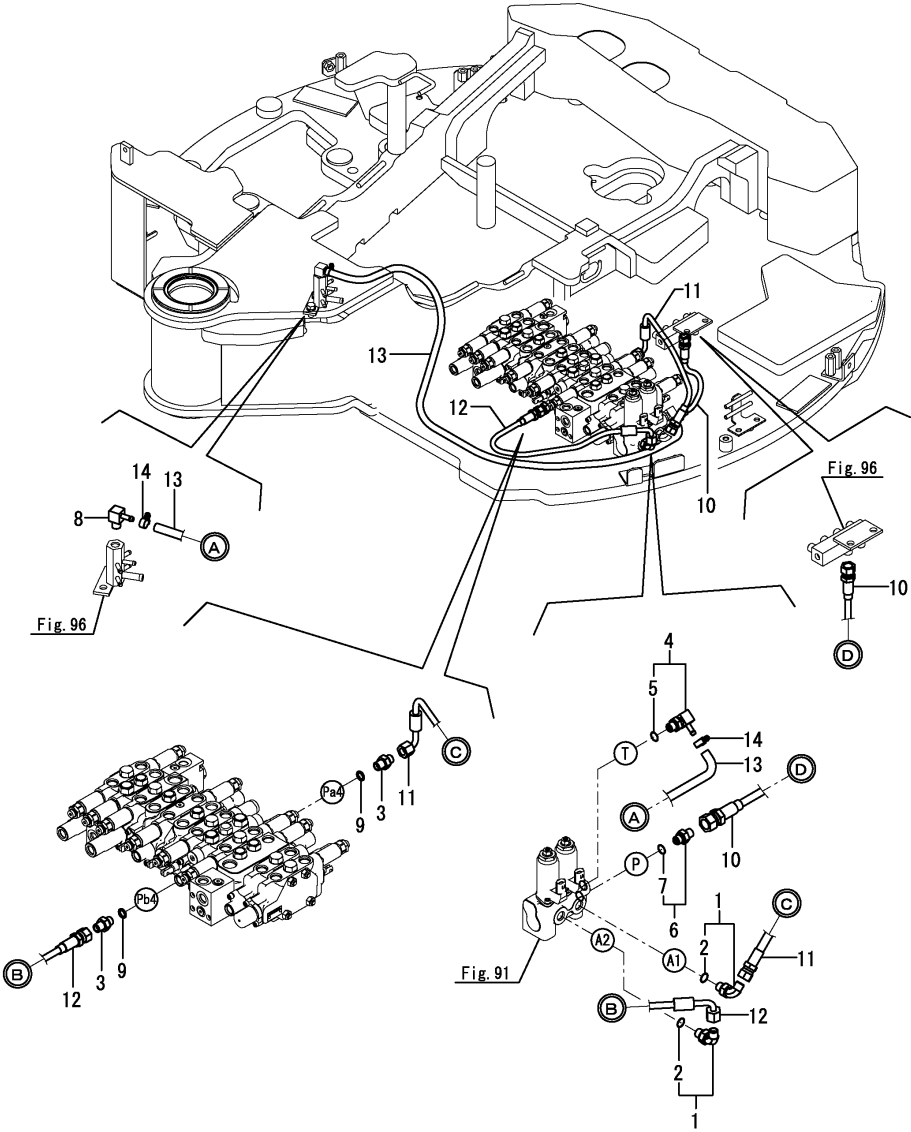
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74900	VALVE ASSY,STOP G1/2	2							
2	1	172187-76201	ADAPTER,1/2-3/4	1							
3	2	24319-000180	PACKING,HNBR-90 P 18	1							
4	1	172183-76250-Y	PLATE, SPACER	1							
4-1	1	172183-76250-3	PLATE, SPACER	1							S
(A=M6N952)											
5	1	172B02-76350	TUBE ASSY, PTO L	1							
5-1	1	172B02-76350-1	TUBE ASSY, PTO L	1							S
(A=M6N952)											
6	1	172B02-76370	TUBE ASSY, PTO R	1							
6-1	1	172B02-76370-1	TUBE ASSY, PTO R	1							S
(A=M6N952)											
7	1	172187-76520	COLLAR, CLAMP	1							
8	1	172187-76530-Y	CLAMP, TUBE	1							
8-1	1	172187-76530-3	CLAMP, TUBE	1							S
(A=M6N952)											
9	1	172165-76581	PLUG, PF1/2,HEX.	2							
10	2	24319-000180	PACKING,HNBR-90 P 18	2							
11	1	172187-76690-Y	PLATE, SPACER T16	1							
11-1	1	172187-76690-N	PLATE, SPACER T16	1							S
(A=M6N952)											
12	1	172142-76941	CLAMP, 3/4	1							
12-1	1	172142-76941-N	CLAMP, 3/4	1							S
(A=M6N952)											
13	1	172187-76940	RUBBER, CLAMP B	2							
14	1	172142-76951	CLAMP, 1/2	2							
14-1	1	172142-76951-N	CLAMP, 1/2	2							S
(A=M6N952)											
15	1	172112-77362	CONNECTOR, PF1/2-1/2	1							
17	2	24319-000180	PACKING,HNBR-90 P 18	1							
18	1	22137-100000	WASHER, 10	1							Z
(A=*2020.03.)											
19	1	26013-100502	BOLT, M10X 50	1							
19-1	1	26014-100502	BOLT, M10X 50	1							N
(A=*2020.03.)											
20	1	26013-100652	BOLT, M10X 65	4							
21	1	26014-120402	BOLT, 12 X 40	1							
22	1	26014-120502	BOLT, 12 X 50	1							
23	1	26014-120702	BOLT, 12 X 70	1							
24	1	172B02-79160	HOSE, H208BE094W	1							
25	1	172B02-79170	HOSE, H112BE113W	1							

Fig.167. (104B)P.T.O.2(BOOM - ARM END)(P.T.O.2 SPEC.)



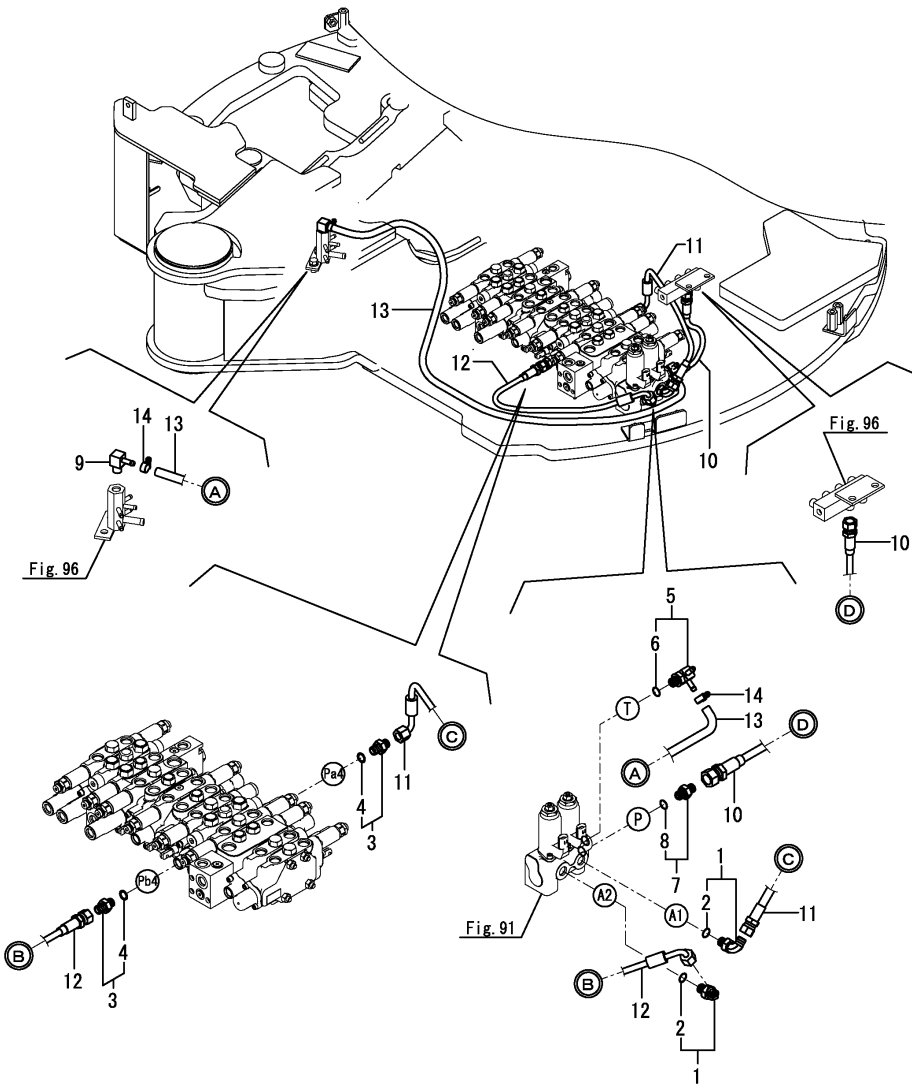
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74900	VALVE ASSY,STOP G1/2	2							
2	1	172B33-76520	STAY, CLAMP T16	1							
3	1	172165-76581	PLUG, PF1/2,HEX.	2							
4	2	24319-000180	PACKING,HNBR-90 P 18	2							
5	1	172B03-76840	PLATE, S-VALVE	2							
6	1	172B32-76850	TUBE ASSY,PTO2 L	1							
6-1	1	172B32-76850-1	TUBE ASSY,PTO2 L	1							S
(A=M6N952)											
7	1	172B32-76870	TUBE ASSY,PTO2 R	1							
7-1	1	172B32-76870-1	TUBE ASSY,PTO2 R	1							S
(A=M6N952)											
8	1	172142-76951	CLAMP, 1/2	3							
8-1	1	172142-76951-N	CLAMP, 1/2	3							S
(A=M6N952)											
9	1	172112-77362	CONNECTOR, PF1/2-1/2	2							
11	2	24319-000180	PACKING,HNBR-90 P 18	2							
12	1	172B05-77930	GUIDE ASSY,HOSE	2							
13	1	172445-78950	SUPPORT, HOSE C	4							
14	1	172445-78960-1	CLAMP, HOSE	2							
14-1	1	172445-78960-N	CLAMP, HOSE	2							S
(A=M6N952)											
15	1	172445-78980	COLLAR, CLAMP	2							
16	1	26013-100252	BOLT, M10X 25	4							
17	1	26013-100502	BOLT, M10X 50	2							
17-1	1	26014-100502	BOLT, M10X 50	2							N
(A=*2020.03.)											
18	1	26013-100652	BOLT, M10X 65	4							
19	1	26013-120302	BOLT, M12X 30	1							
20	1	26014-100202	BOLT, M10X 20	4							
21	1	26014-100452	BOLT, M10X 45	2							
22	1	26014-120402	BOLT, 12 X 40	1							
23	1	172B02-78970	HOSE, H208BE085W	2							
23-1	1	172B02-78970	HOSE, H208BE085W	1							K
(A=MAF013)											
24	1	172B02-78980	HOSE, H208BE095W	1							W
(A=MAF013)											

Fig.105. P.T.O.(SOLENOID VALVE)(P.T.O. LEVER SWITCH SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	2							
2	2	41851-000110	O-RING	2							
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	172B03-79230	HOSE, F403BC041S	1							
12	1	172B03-79241	HOSE, F403BC050S	1							
13	1	172B03-79250	HOSE, G804YY134S	1							
14	1	23000-013000	CLAMP, 13	2							

Fig.168. (105A)P.T.O.(SOLENOID VALVE)(P.T.O.2 SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	2							
2	2	41851-000110	O-RING, P11.0 HNBR	2							
3	1	172123-76122	ADAPTER PF1/2	2							
4	2	24319-000110	PACKING, HNBR-90 P 11	2							
5	1	172A79-76140	NIPPLE, TEE G1/4	1							
6	2	41851-000110	O-RING, P11.0 HNBR	1							
7	1	172B03-76180	CONNECTOR, G1/4	1							
8	2	41851-000110	O-RING, P11.0 HNBR	1							
9	1	172186-76390	NIPPLE, ELBOW 1/4	1							
10	1	172B03-79211	HOSE, H603BB029S	1							
11	1	172B03-79230	HOSE, F403BC041S	1							
12	1	172B03-79241	HOSE, F403BC050S	1							
13	1	172B03-79250	HOSE, G804YY134S	1							
14	1	23000-013000	CLAMP, 13	2							

Fig.169. (105B)P.T.O.2(SOLENOID VALVE)(P.T.O.2 SPEC.)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	1							
2	2	41851-000110	O-RING, P11.0 HNBR	1							
3	1	172137-76100	ELBOW, PT PF1/4	1							
5	2	24315-000110	O-RING, 1BP11.0	1							
6	1	172123-76122	ADAPTER PF1/2	1							
7	2	24319-000110	PACKING,HNBR-90 P 11	1							
8	1	172141-76220	NIPPLE, 02	1							
9	1	172B03-76240	ELBOW,90FILTER G1/4	1							
10	1	172B03-76071	CONNECTOR, G3/8-3/8	1							
11	2	24319-000140	PACKING,HNBR-90 P 14	1							
12	1	172123-76122	ADAPTER PF1/2	1							
13	2	24319-000110	PACKING,HNBR-90 P 11	1							
14	1	172162-76132	ADAPTER, MALE/MALE	1							
15	2	24319-000140	PACKING,HNBR-90 P 14	1							
16	1	172183-76201	CONNECTOR 1/4-1/4	1							
17	2	24319-000110	PACKING,HNBR-90 P 11	1							
18	1	172B03-76630	ADAPTER, G3/8	1							
19	2	41851-000140	O-RING, P 14.0 HNBR	1							
20	1	23391-020000	JOINT, RGI-1/4	1							
20-1	1	172123-76122	ADAPTER PF1/2	1							S
(A=*2022.03)											
20A	2	24319-000110	PACKING,HNBR-90 P 11	1							W
(A=*2022.03)											
21	1	172845-78140	HOSE,F403BB076S	1							
22	1	172845-78150	HOSE,F403BB069S	1							
23	1	172B03-79280	HOSE, F403BC026S	1							
24	1	172B03-79290	HOSE, G804YY034S	1							
25	1	23000-013000	CLAMP, 13	2							
26	1	172B32-79440	HOSE, H106BC163K	1							
27	1	172B32-79450	HOSE, H106BC163K	1							
28	1	172122-79890	CLAMP, HOSE 350	2							

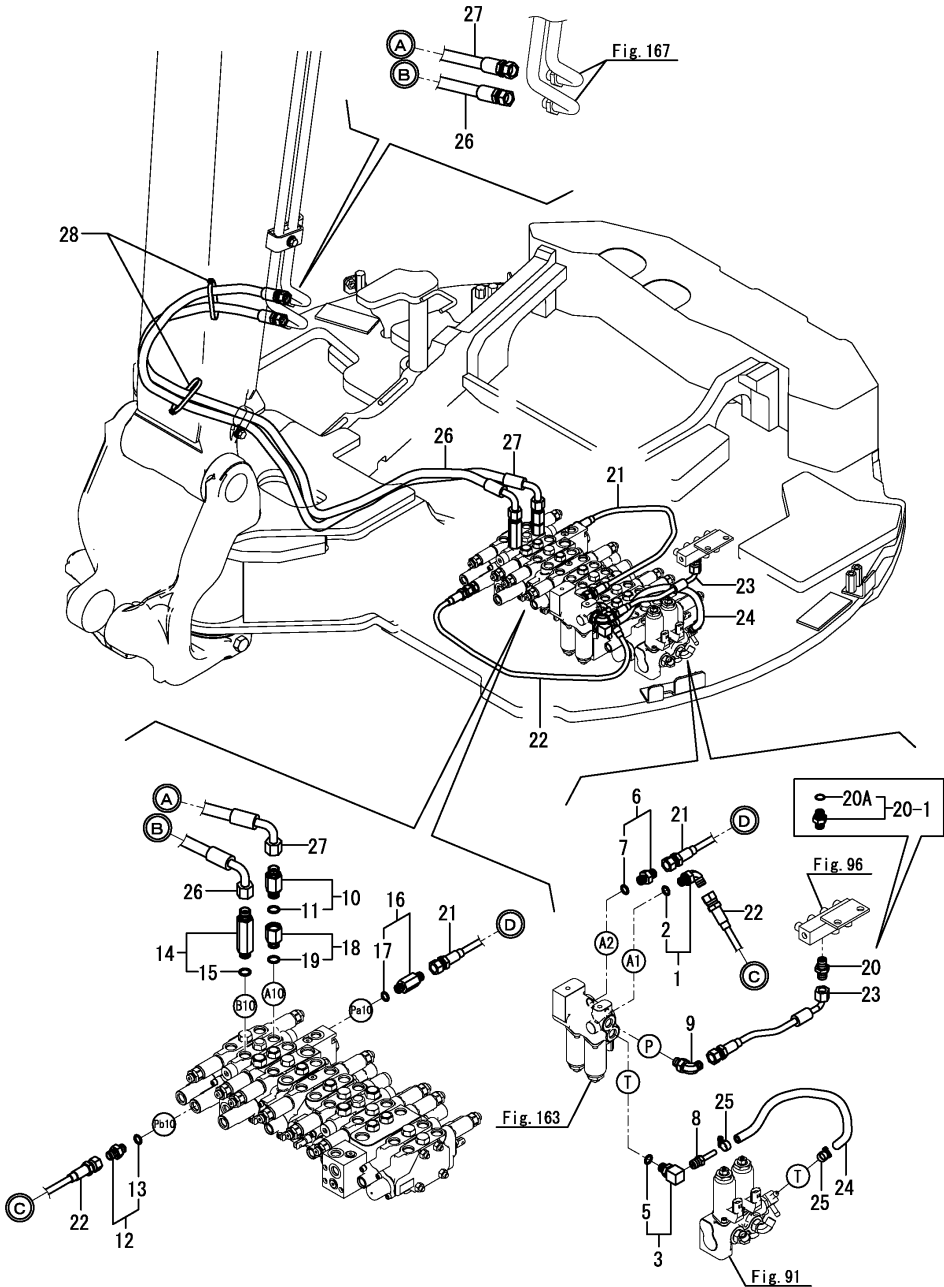
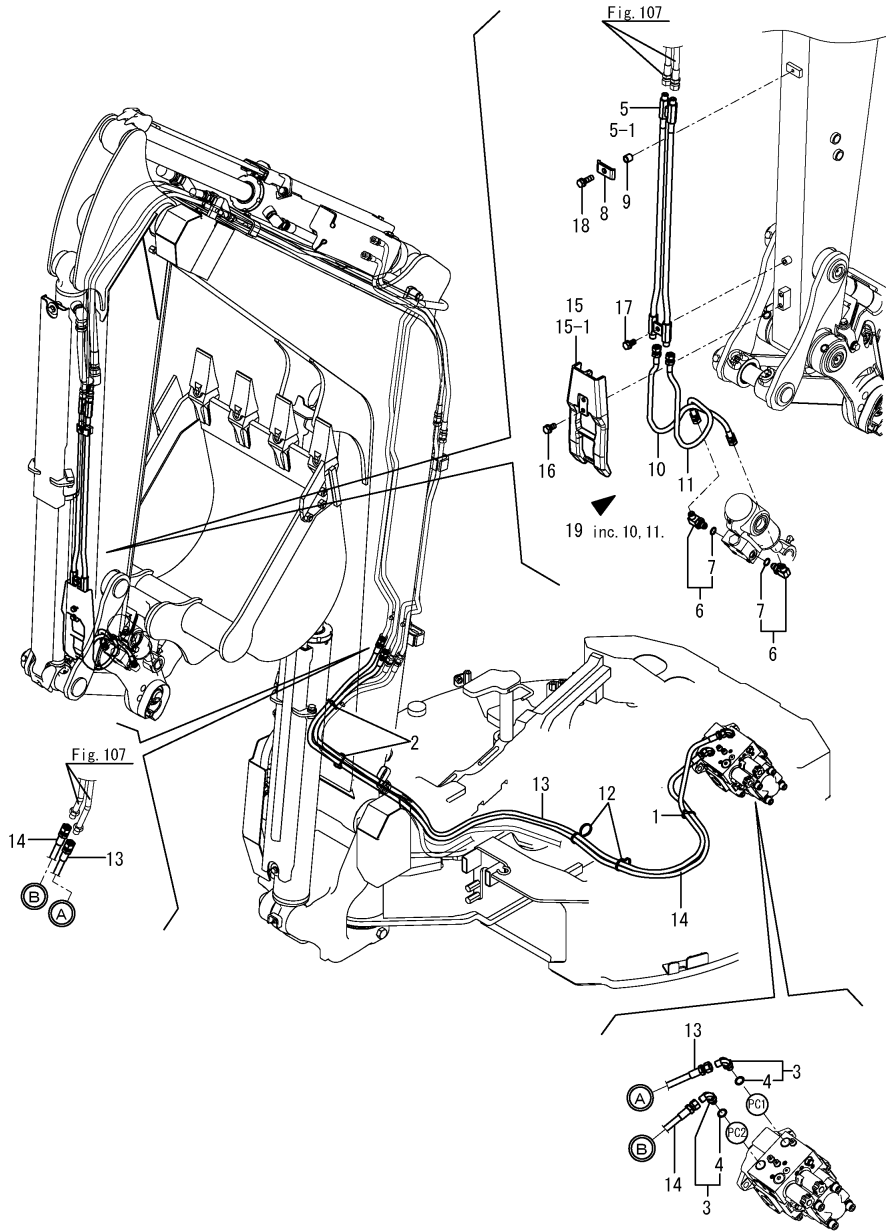


Fig.106. QUICK COUPLER(HYD. OIL PIPING)(1)



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194202-56460	BAND, BINDING 200	1							
2	1	194202-56460	BAND, BINDING 200	2							
3	1	172B03-76010	ELBOW, G1/4	2							
4	2	41851-000110	O-RING, P11.0 HNBR	2							
5	1	172958-76102-Y	TUBE, HITCH	1							
5-1	1	172958-76102-N	TUBE, HITCH	1							S
(A=M6N952)											
6	1	172958-76130	ELBOW, PF-1/4-PF1/4	2							
7	2	24315-000110	O-RING, 1BP11.0	2							
8	1	172110-76170	PLATE	1							
9	1	172137-76580	COLLAR, 9X11	1							
10	1	172958-78200	HOSE, F102BB050W	1							
11	1	172958-78210	HOSE, F102BB052W	1							
12	1	172187-78580	BAND, BINDING W 397	2							
13	1	172B03-79010	HOSE, H604BB238K	1							
14	1	172B03-79020	HOSE, H604BB238K	1							
15	1	172958-81904-Y	COVER, ARM	1							
15-1	1	172958-81904-3	COVER, ARM	1							S
(A=M6N952)											
16	1	26013-080162	BOLT, M8X 16	2							
17	1	26013-080162	BOLT, M8X 16	1							
18	1	26013-080252	BOLT, M8X 25	1							
19	1	172B02-08950	HOSE,QH KIT	1							1

Remarks
(1)Spare parts.

Fig.107. QUICK COUPLER(HYD. OIL PIPING)(2)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170	PLATE	1							
2	1	172B02-76550	TUBE ASSY, L QH	1							
2-1	1	172B02-76550-1	TUBE ASSY, L QH	1							S
(A=M6N952)											
3	1	172B02-76570	TUBE ASSY, R QH	1							
3-1	1	172B02-76570-1	TUBE ASSY, R QH	1							S
(A=M6N952)											
4	1	172137-76580	COLLAR, 9X11	1							
5	1	26014-080252	BOLT, M8X 25	1							
6	1	172B02-79030	HOSE, H604BB089K	2							
7	1	172B03-77710	GUIDE ASSY, HOSE Q-K	1							
8	1	26014-100202	BOLT, M10X 20	1							
8-1	1	26014-100252	BOLT, M10X 25	1							N
(A=*2020.05)											
9	1	172110-76170	PLATE	1							W
(A=*2021.04)											
10	1	172B04-77400	CLAMP ASSY, TUBE	1							W
(A=*2021.04)											
11	1	26014-080162	BOLT, M8X 16	1							W
(A=*2021.04)											

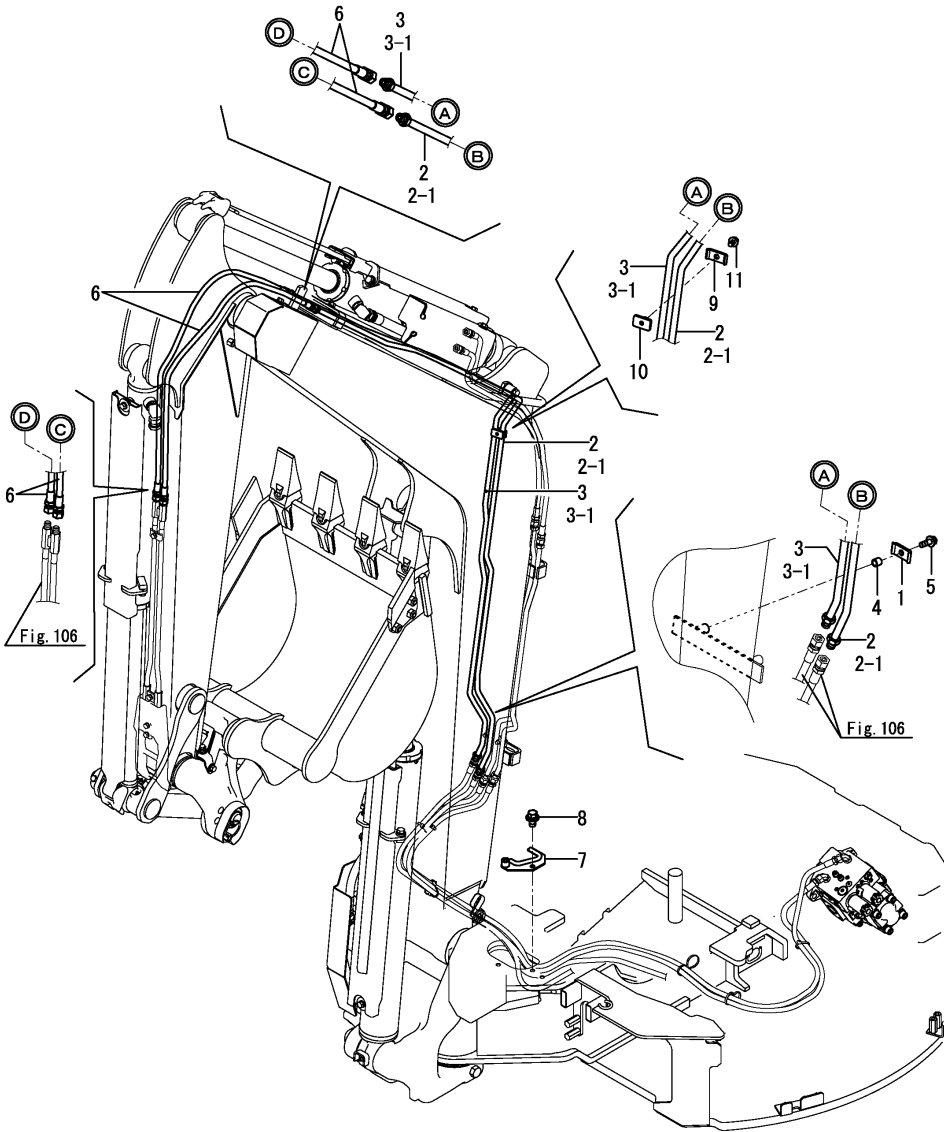
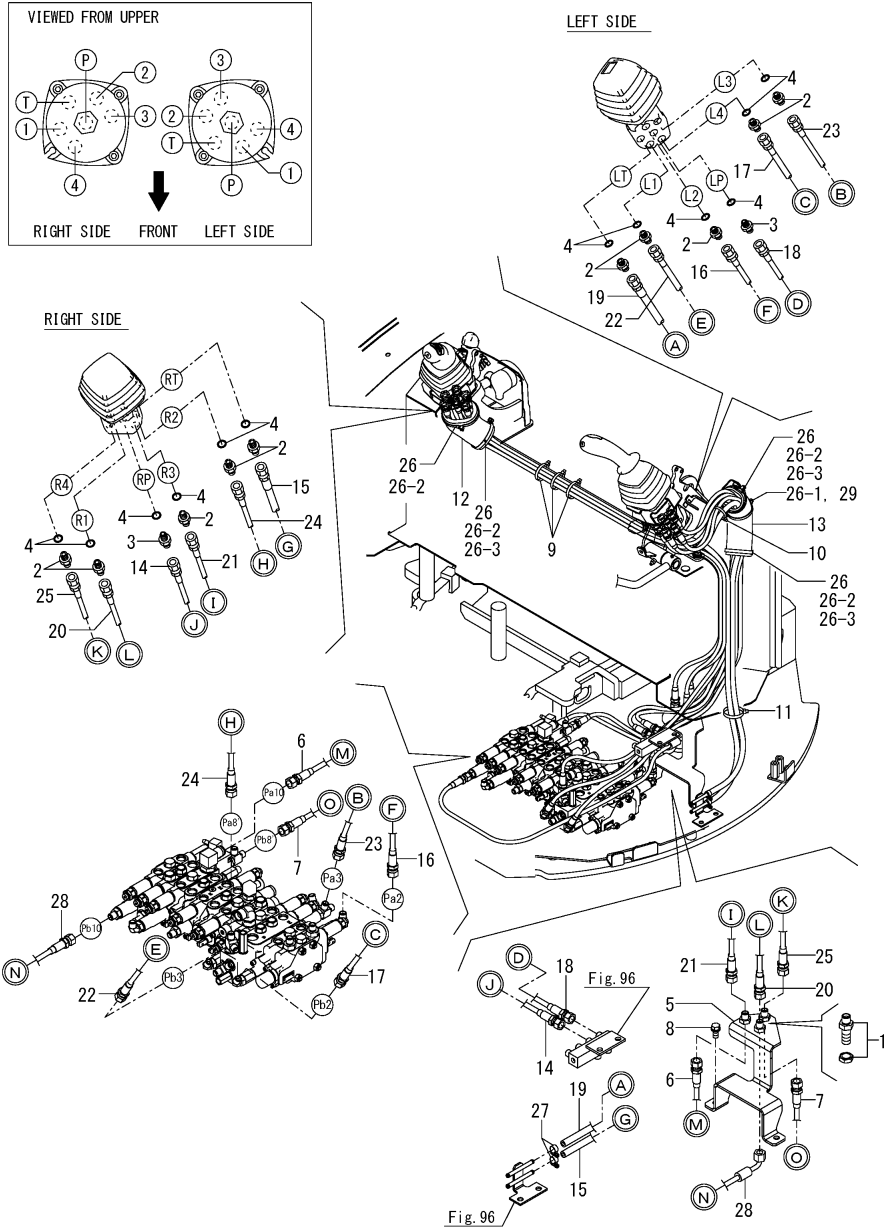


Fig.108. CONTROL PIPING(P.T.O. LEVER SWITCH SPEC.)



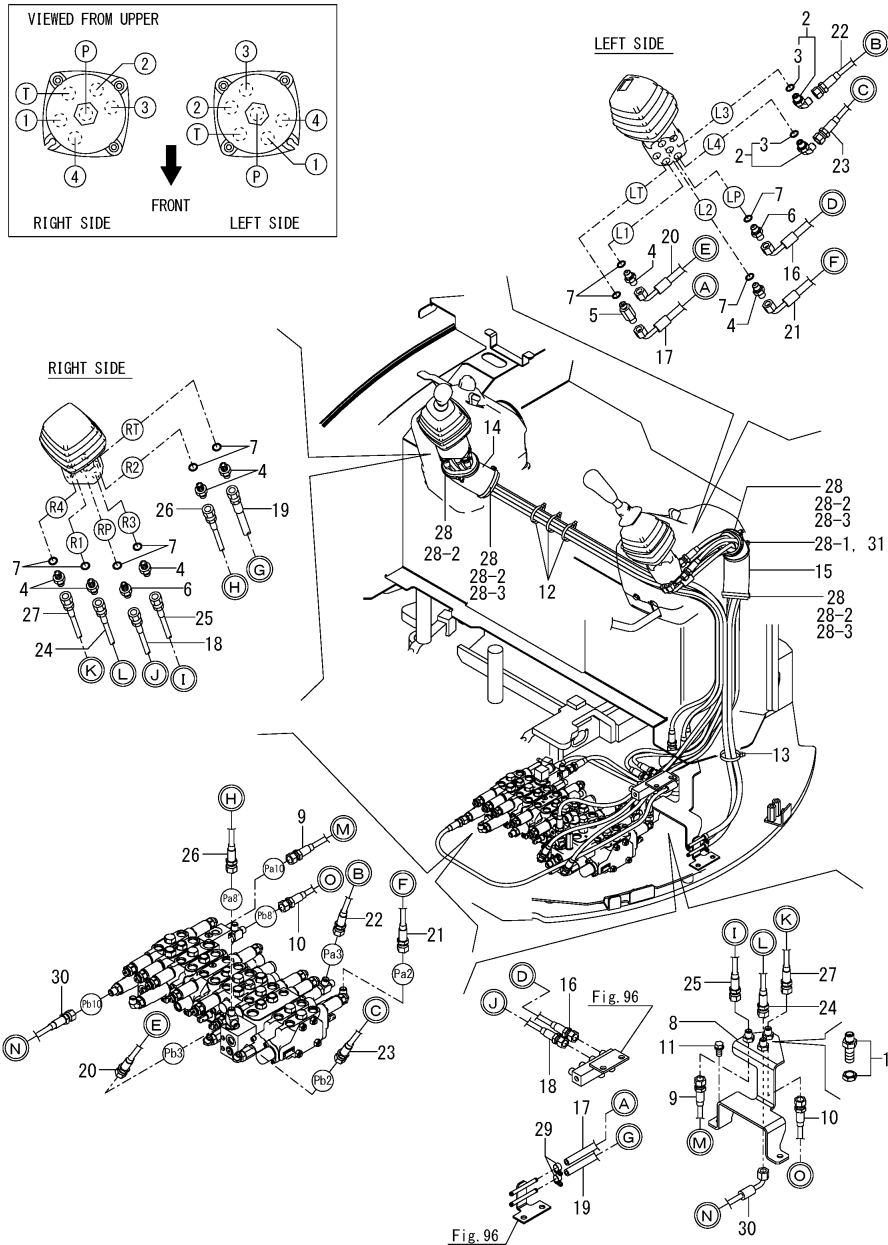
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-76050	JOINT	3							
2	1	172123-76121	ADAPTER, M/M PF1/4	10							
3	1	172455-76220	CONNECTOR, PF1/4	2							
4	1	41851-000110	O-RING, P11.0 HNBR	12							
5	1	172B03-74490	BRACKET, NO MULTI	1							
6	1	172B03-79550	HOSE, F403BB050S	1							
7	1	172B03-79570	HOSE, F403BB047S	1							
8	1	26013-100202	BOLT, M10X 20	2							
9	1	172126-11510	BAND, BINDING 300	3							
10	1	172126-11510	BAND, BINDING 300	1							
11	1	172183-16560	CLIP, HOSE 400	1							
12	1	172458-63641	SPONGE, HOSE 120	1							
13	1	172458-78571	SPONGE, HOSE	1							
14	1	172B03-78910	HOSE, F403BB165S	1							
15	1	172B03-78920	HOSE, G804BY165S	1							
16	1	172B03-79620	HOSE, F403BB113S	1							
17	1	172B03-79640	HOSE, F403BB138S	1							
18	1	172B03-79650	HOSE, F403BB110S	1							
19	1	172B03-79660	HOSE, G804BY115S	1							
20	1	172B03-79670	HOSE, F403BB140S	1							
21	1	172B03-79690	HOSE, F403BB136S	1							
22	1	172B03-79750	HOSE, F403BB165S	1							
23	1	172B03-79760	HOSE, F403BB112S	1							
24	1	172B03-79770	HOSE, F403BB185S	1							
25	1	172B03-79780	HOSE, F403BB140S	1							
26	1	172122-79930	CLAMP, HOSE B	4							
26-1	1	172122-79890	CLAMP, HOSE 350	5							N
(A=*2021.06)											
26-2	1	172122-79890	CLAMP, HOSE 350	4							K
(A=*2023.05.)											
26-3	1	172122-79890	CLAMP, HOSE 350	3							K
(A=*2025.10)											
27	1	23000-013000	CLAMP, 13	2							
28	1	172B03-79560	HOSE, F403BC111S	1							
29	1	172122-79930	CLAMP, HOSE B	1							W
(A=*2023.05.)											

Remarks
* Fitting(control valve) is shown in Fig.95 & 96.

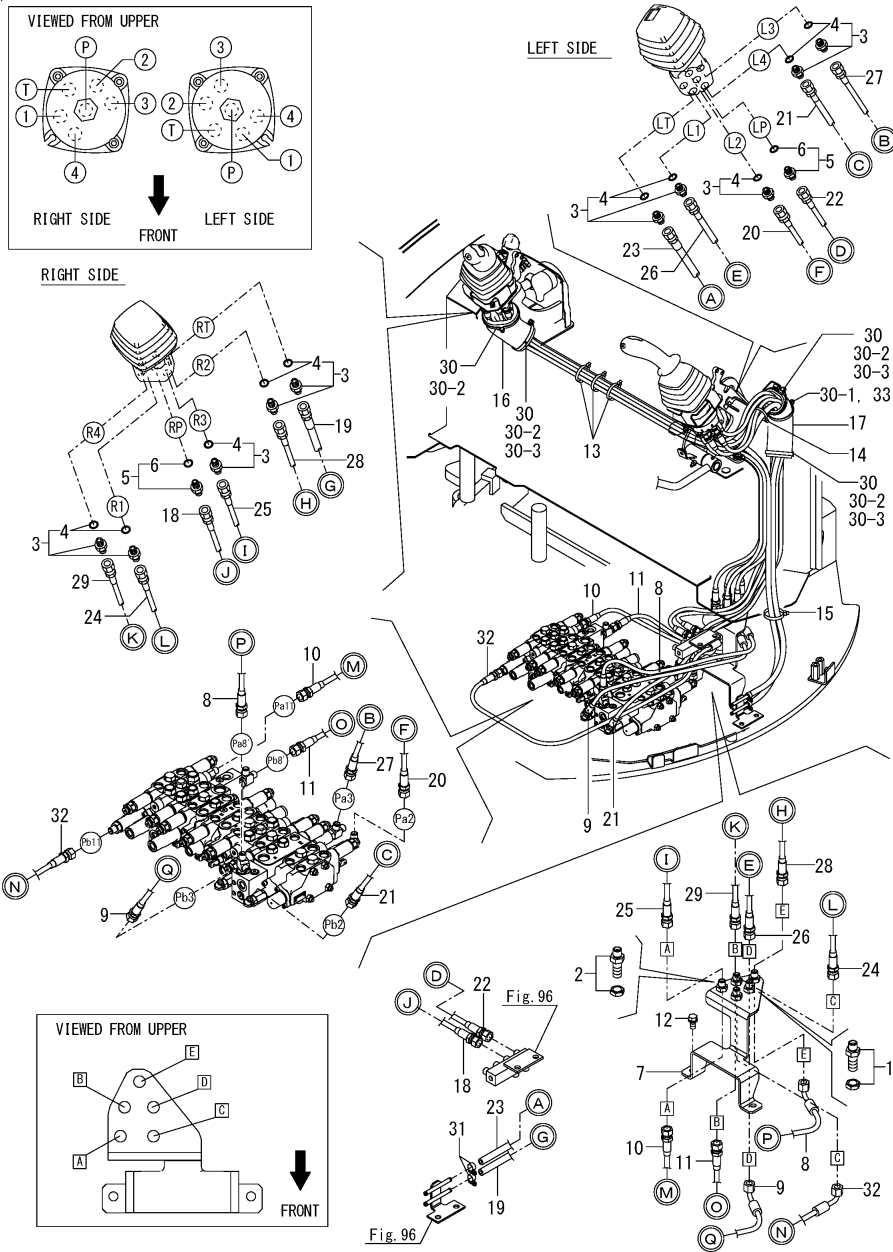
Fig.149. (108A)CONTROL PIPING(P.T.O. FOOT PEDAL SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-76050	JOINT	3							
2	1	172B03-76010	ELBOW, G1/4	2							
3	2	41851-000110	O-RING, P11.0 HNBR	2							
4	1	172123-76121	ADAPTER, M/M PF1/4	7							
5	1	172183-76200	CONNECTOR, 1/4-1/4	1							
6	1	172455-76220	CONNECTOR, PF1/4	2							
7	1	41851-000110	O-RING, P11.0 HNBR	10							
8	1	172B03-74490	BRACKET, NO MULTI	1							
9	1	172B03-79550	HOSE, F403BB050S	1							
10	1	172B03-79570	HOSE, F403BB047S	1							
11	1	26013-100202	BOLT, M10X 20	2							
12	1	172126-11510	BAND, BINDING 300	3							
13	1	172183-16560	CLIP, HOSE 400	1							
14	1	172458-63641	SPONGE, HOSE 120	1							
15	1	172458-78571	SPONGE, HOSE	1							
16	1	172B03-78850	HOSE, F403BC115S	1							
17	1	172B03-78860	HOSE, G804CY115S	1							
18	1	172B03-78910	HOSE, F403BB165S	1							
19	1	172B03-78920	HOSE, G804BY165S	1							
20	1	172B03-78930	HOSE, F403BC158S	1							
21	1	172B03-78940	HOSE, F403BC106S	1							
22	1	172B03-78950	HOSE, F403BB105S	1							
23	1	172B03-78960	HOSE, F403BB131S	1							
24	1	172B03-79670	HOSE, F403BB140S	1							
25	1	172B03-79690	HOSE, F403BB136S	1							
26	1	172B03-79770	HOSE, F403BB185S	1							
27	1	172B03-79780	HOSE, F403BB140S	1							
28	1	172122-79930	CLAMP, HOSE B	4							
28-1	1	172122-79890	CLAMP, HOSE 350	5							N
(A=*2021.06)											
28-2	1	172122-79890	CLAMP, HOSE 350	4							K
(A=*2023.05.)											
28-3	1	172122-79890	CLAMP, HOSE 350	3							K
(A=*2025.10)											
29	1	23000-013000	CLAMP, 13	2							
30	1	172B03-79560	HOSE, F403BC111S	1							
31	1	172122-79930	CLAMP, HOSE B	1							W
(A=*2023.05.)											

Remarks
* Fitting(control valve) is shown in Fig.95 & 96.

Fig.170. (108B)CONTROL PIPING(P.T.O.2 SPEC.)



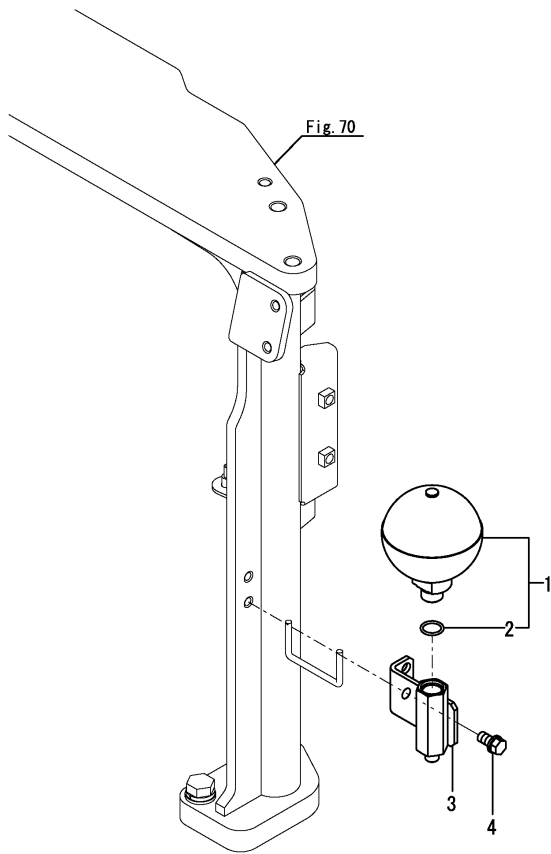
(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-76050	JOINT	2							
2	1	172151-76050	JOINT	3							
3	1	172123-76122	ADAPTER PF1/2	10							
4	2	24319-000110	PACKING,HNBR-90 P 11	10							
5	1	172455-76221	CONNECTOR PF1/4	2							
6	2	24319-000110	PACKING,HNBR-90 P 11	2							
7	1	172845-74370	BRACKET, NO MULTI G	1							
8	1	172B03-78690	HOSE, F403BC068S	1							
9	1	172B03-78710	HOSE, F403BC068S	1							
10	1	172B03-79550	HOSE, F403BB050S	1							
11	1	172B03-79570	HOSE, F403BB047S	1							
12	1	26013-100202	BOLT, M10X 20	2							
13	1	172126-11510	BAND, BINDING 300	3							
14	1	172126-11510	BAND, BINDING 300	1							
15	1	172183-16560	CLIP, HOSE 400	1							
16	1	172458-63641	SPONGE, HOSE 120	1							
17	1	172458-78571	SPONGE, HOSE	1							
18	1	172B03-78910	HOSE, F403BB165S	1							
19	1	172B03-78920	HOSE, G804BY165S	1							
20	1	172B03-79620	HOSE, F403BB113S	1							
21	1	172B03-79640	HOSE, F403BB138S	1							
22	1	172B03-79650	HOSE, F403BB110S	1							
23	1	172B03-79660	HOSE, G804BY115S	1							
24	1	172B03-79670	HOSE, F403BB140S	1							
25	1	172B03-79690	HOSE, F403BB136S	1							
26	1	172845-79750	HOSE, F403BB085S	1							
27	1	172B03-79760	HOSE, F403BB112S	1							
28	1	172845-79770	HOSE, F403BB135S	1							
29	1	172B03-79780	HOSE, F403BB140S	1							
30	1	172122-79930	CLAMP, HOSE B	4							
30-1	1	172122-79890	CLAMP, HOSE 350	5							N
(A=*2021.06)											
30-2	1	172122-79890	CLAMP, HOSE 350	4							K
(A=*2023.05.)											
30-3	1	172122-79890	CLAMP, HOSE 350	3							K
(A=*2025.10)											
31	1	23000-013000	CLAMP, 13	2							
32	1	172B03-79560	HOSE, F403BC111S	1							
33	1	172122-79930	CLAMP, HOSE B	1							W
(A=*2023.05.)											

Remarks
* Fitting(control valve) is shown in Fig.95 & 96.

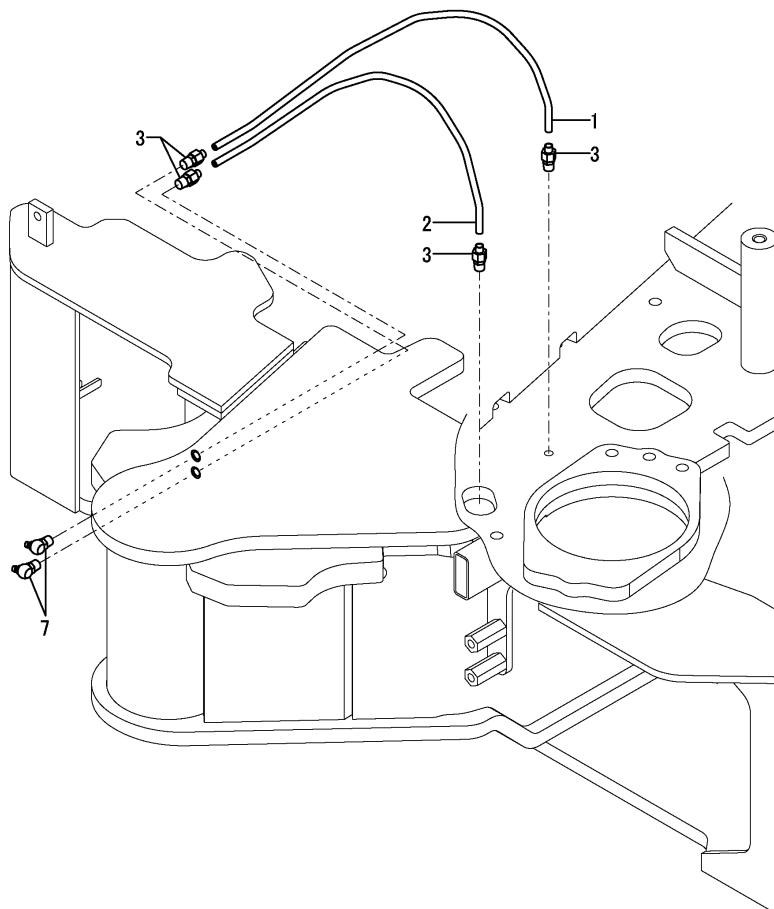
Fig.109. ACCUMULATOR

[illegible]

(D)=

$$(E)=$$
$$(F)=$$

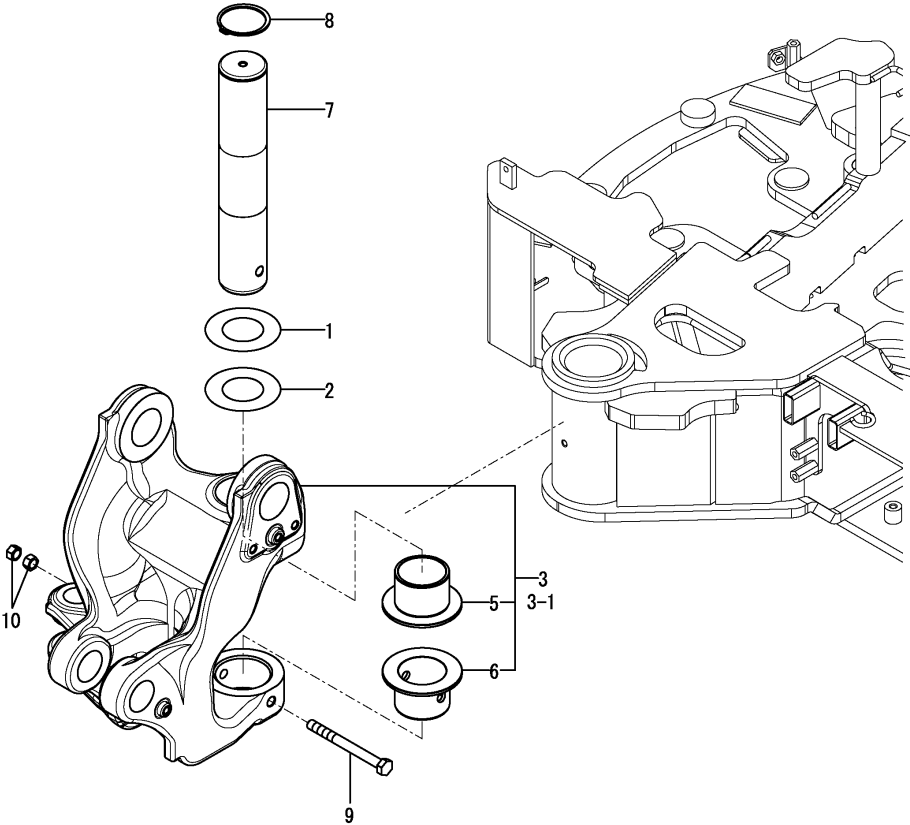
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172A46-77800	HOSE	1					
2	1	172A89-77800	HOSE P602YY045	1					
3	1	172A47-77820	JOINT, GREASE	4					
7	1	24761-040000	NIPPLE, GREASE B	2					



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

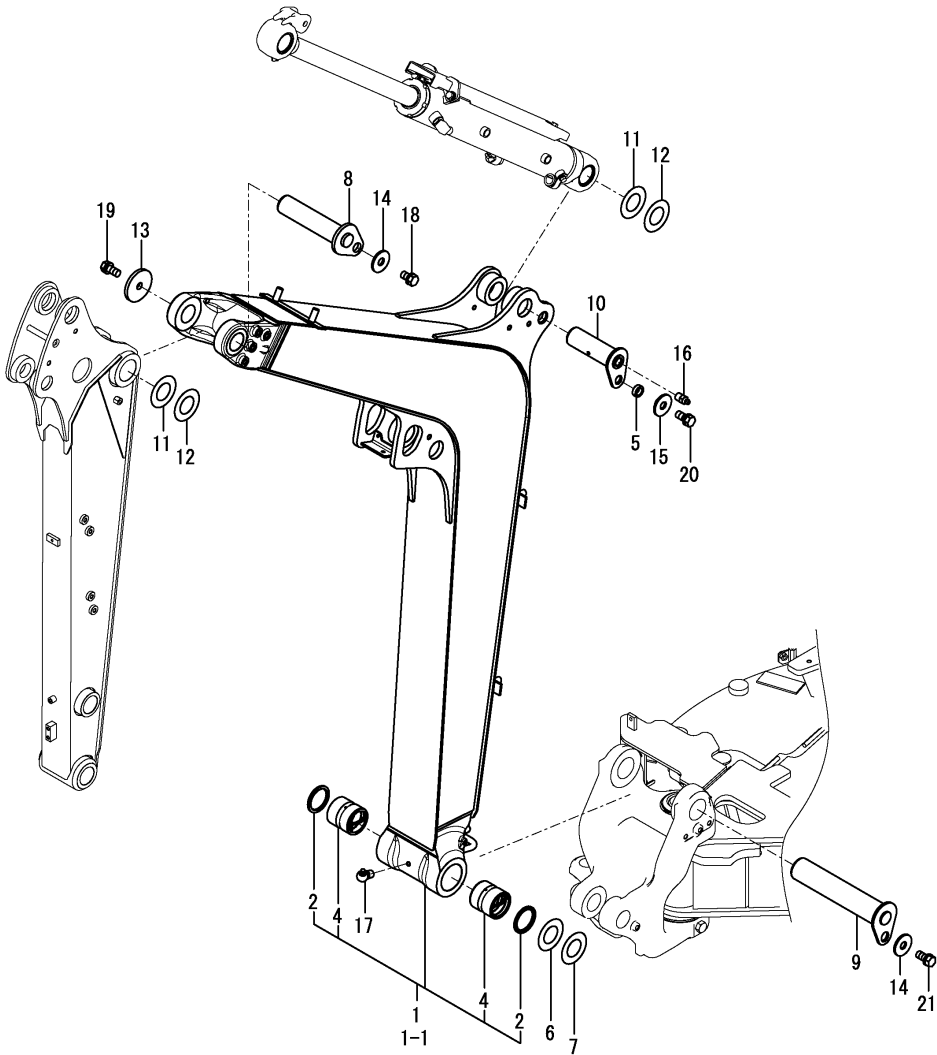
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-81700	SHIM, 70X120X0.8	1							
2	1	172176-81710	SHIM, 70X120X0.5	1							
3	1	172B02-82300	BRACKET ASSY, BOOM	1							
3-1	1	172B02-82300-1 (A=M6N952)	BRACKET ASSY, BOOM	1							S
5	2	172148-82320	BUSH, 70X60	1							
6	2	172459-82320	BUSH, 80X70	1							
7	1	172B02-82350	PIN, 70X345	1							
8	1	22242-000700	RING, 70	1							
9	1	26206-141502	BOLT, M14X150 PLATED	1							
10	1	26716-140002	NUT, M14	2							



(A)=VIO30-6A P(KR)
(B)=
(C)=

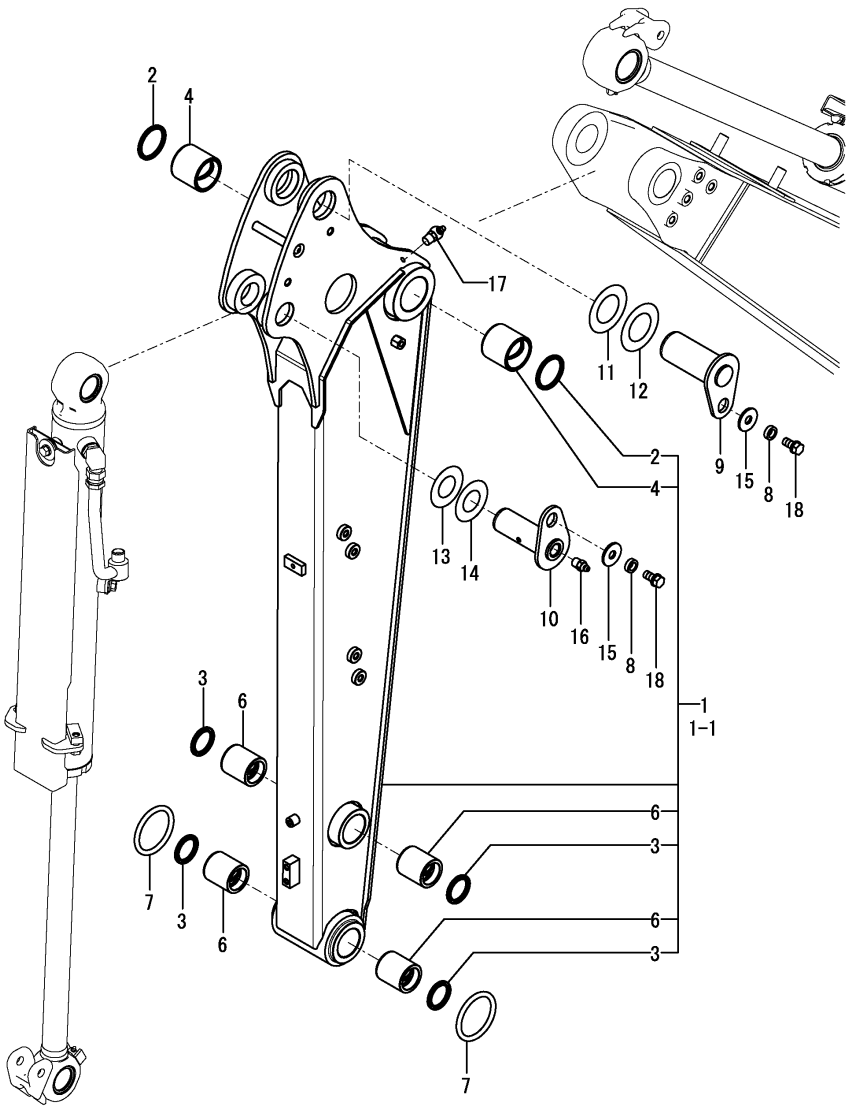
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-81100	BOOM ASSY	1							
1-1	1	172B02-81100-1	BOOM ASSY	1							S
(A=M6N952)											
2	2	172020-10620	SEAL, DUST 60X75X5	2							
4	2	172460-81400	BUSH, 60X75	2							
5	1	172164-81670	SPACER	1							
6	1	172175-81700	SHIM, 60X110X0.8	1							
7	1	172175-81710	SHIM, 60X110X0.5	1							
8	1	172B03-81780	PIN ASSY, 50X219	1							
9	1	172B03-81800	PIN ASSY, 60X310	1							
10	1	172B03-81820	PIN ASSY, 50X158 A	1							
11	1	172165-82520	SHIM, 50X90X0.5	2							
12	1	172165-82530	SHIM, 50X90X1.2	2							
13	1	172146-82910	SPACER	1							
14	1	22157-120000	WASHER, 12	2							
15	1	22157-120000	WASHER, 12	1							
16	1	24761-020000	NIPPLE, GREASE PT1/8	1							
17	1	24761-040000	NIPPLE, GREASE B	1							
18	1	26013-120202	BOLT, M12X 20	1							
19	1	26013-120252	BOLT, M12X 25	1							
20	1	26013-120252	BOLT, M12X 25	1							
21	1	26013-120252	BOLT, M12X 25	1							



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

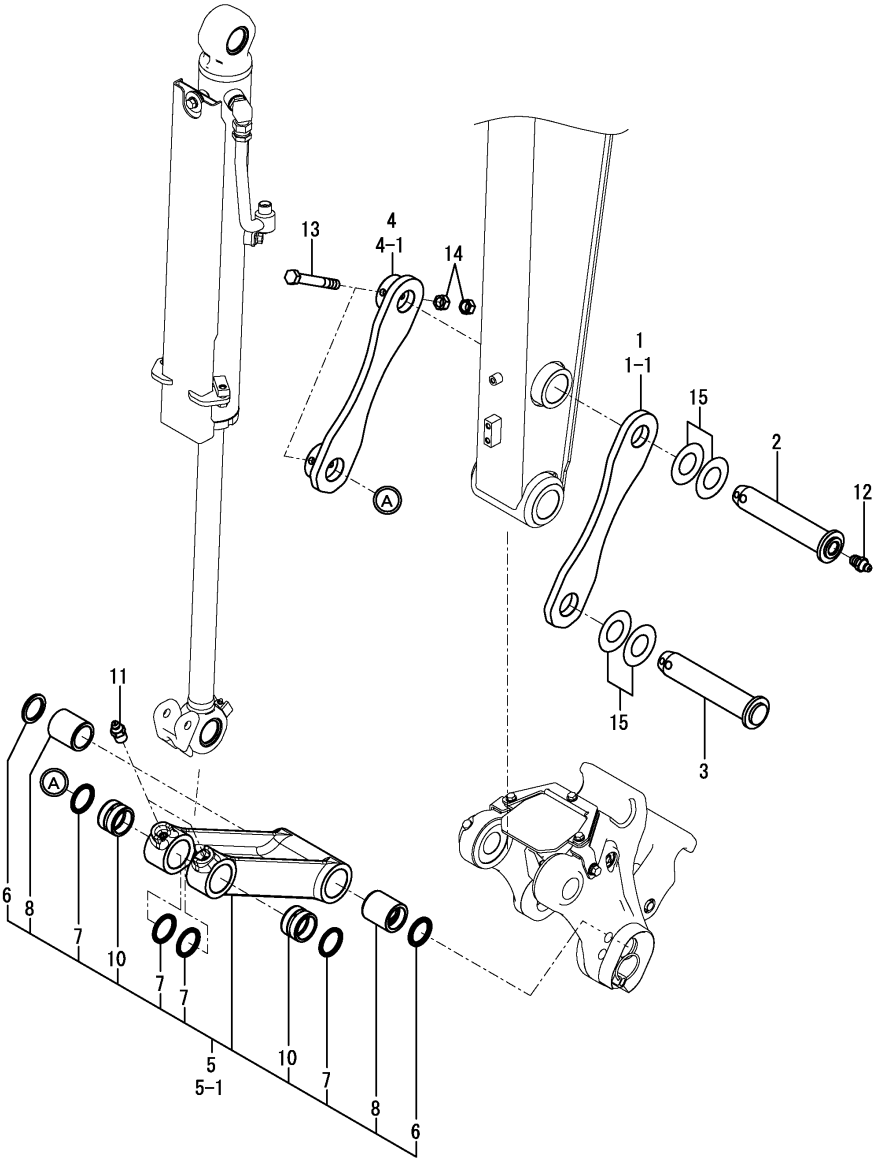


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-81500	ARM ASSY, 1220	1							
1-1	1	172B02-81500-1	ARM ASSY, 1220	1							S
(A=M6N952)											
2	2	172448-54120	SEAL, DUST 50X60X4	2							
3	2	172168-81270	SEAL, DUST 38X50X4	4							
4	2	172444-81310	BUSH, PIN 50X55	2							
6	2	172458-81630	BUSH, 38-55	4							
7	1	172142-81620	O-RING, 71	2							
8	1	172164-81670	SPACER	2							
9	1	172B03-81871	PIN ASSY, 50X114	1							
10	1	172B03-81920	PIN ASSY, 40X114	1							
11	1	172165-82520	SHIM, 50X90X0.5	1							
12	1	172165-82530	SHIM, 50X90X1.2	1							
13	1	172165-82580	SHIM, 40X75X0.5	1							
14	1	172165-82590	SHIM, 40X75X1.2	1							
15	1	22157-120000	WASHER, 12	2							
16	1	24761-020000	NIPPLE, GREASE PT1/8	1							
17	1	24761-040000	NIPPLE, GREASE B	1							
18	1	26013-120252	BOLT, M12X 25	2							

Fig.114. BUCKET ARM & LINK(TO DEC. 2024)

(A)=VIO30-6A P(KR)
(B)=
(C)=

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

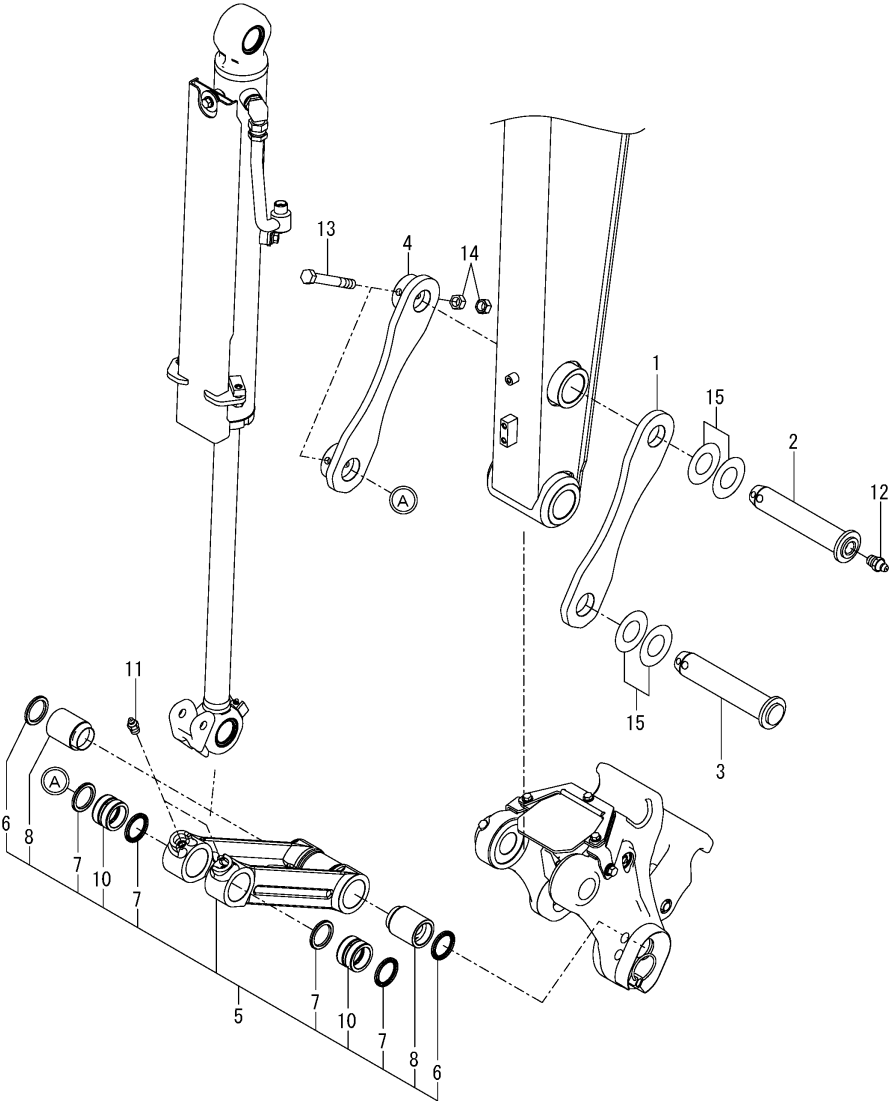


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81820-Y	ARM, BUCKET	1							
1-1	1	172164-81820-2	ARM, BUCKET	1							S
(A=M6N952)											
2	1	172B03-81851	PIN ASSY, 38X182 P	1							
3	1	172B03-81902	PIN ASSY, 38X182 P A	1							
4	1	172458-82600-Y	ARM ASSY, BUCKET R	1							
4-1	1	172458-82600-3	ARM ASSY, BUCKET R	1							S
(A=M6N952)											
5	1	172B03-82601	LINK ASSY, BUCKET	1							
5-1	1	172B03-82601-4	LINK ASSY, BUCKET	1							S
(A=M6N952)											
6	2	172168-81270	SEAL, DUST 38X50X4	2							
7	2	172168-81270	SEAL, DUST 38X50X4	4							
8	2	172458-81630	BUSH, 38-55	2							
10	2	172B03-82621	BUSH, 38X50X33.5	2							
11	1	24761-020000	NIPPLE, GREASE PT1/8	2							
12	1	24761-020000	NIPPLE, GREASE PT1/8	1							
13	1	26116-100752	BOLT, M10X 75 PLATED	2							
14	1	26716-100002	NUT, M10	4							
15	1	933171-29751	SHIM ASSY, PIN 38	2							

Fig.183. (114A)BUCKET ARM & LINK(FROM JUN. 2025)

(A)=VIO30-6A P(KR)
(B)=
(C)=

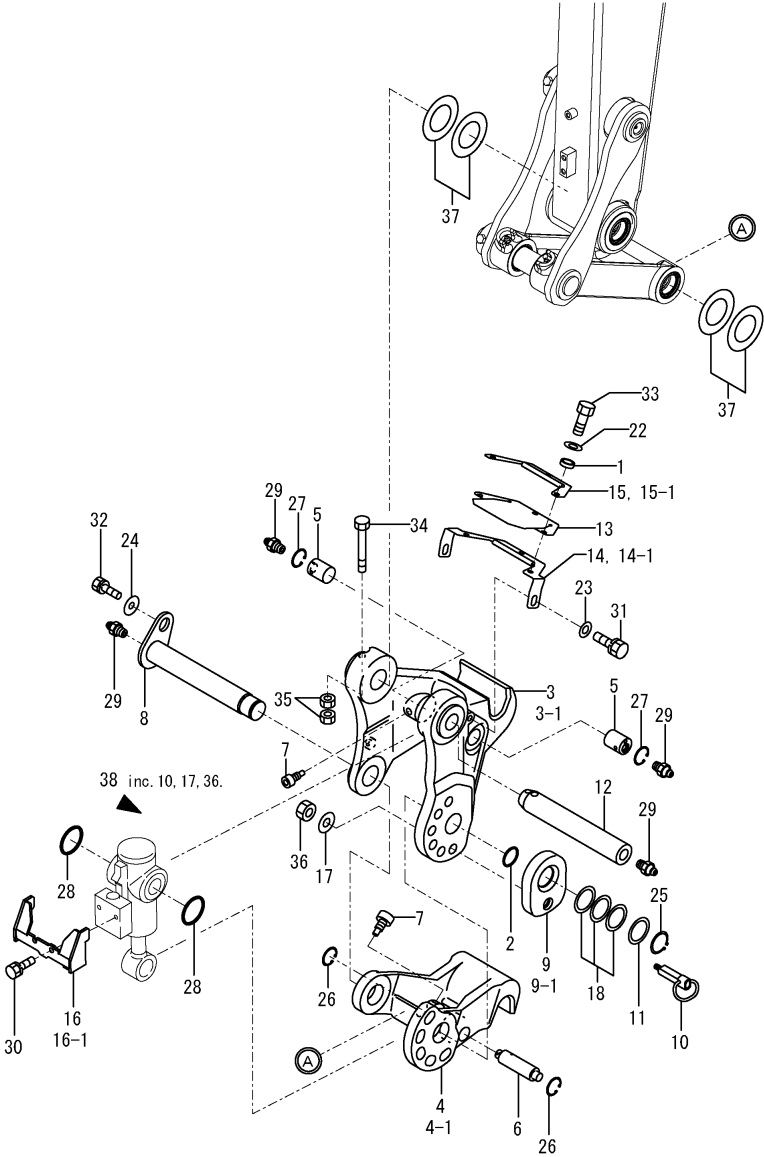
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81820-2	ARM, BUCKET	1							
2	1	172B03-81851	PIN ASSY, 38X182 P	1							
3	1	172B03-81902	PIN ASSY, 38X182 P A	1							
4	1	172458-82600-3	ARM ASSY, BUCKET R	1							
5	1	172B82-82600-1	LINK ASSY, BUCKET	1							
6	2	172168-81270	SEAL, DUST 38X50X4	2							
7	2	172168-81270	SEAL, DUST 38X50X4	4							
8	2	172458-81630	BUSH, 38-55	2							
10	2	172B03-82621	BUSH, 38X50X33.5	2							
11	1	24761-020000	NIPPLE, GREASE PT1/8	2							
12	1	24761-020000	NIPPLE, GREASE PT1/8	1							
13	1	26116-100752	BOLT, M10X 75 PLATED	2							
14	1	26716-100002	NUT, M10	4							
15	1	933171-29751	SHIM ASSY, PIN 38	2							

(A)=VIO30-6A P(KR)
(B)=
(C)=

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



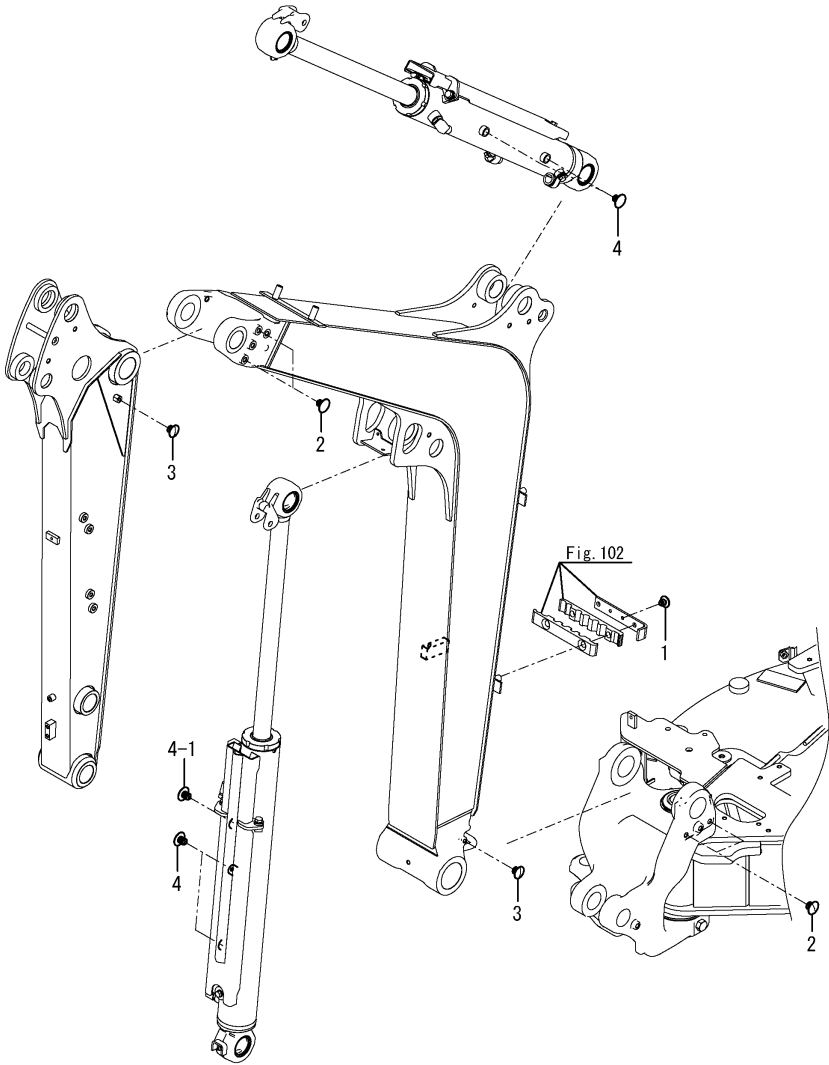
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17121	COLLAR, 9X4	3							
2	1	172124-46200	O-RING, 27.6X5.7	1							
3	1	172958-83102-Y	BRACKET, A	1							
3-1	1	172958-83102-N (A=M6N952)	BRACKET,A	1							S
4	1	172958-83111-Y	BRACKET, B	1							
4-1	1	172958-83111-N (A=M6N952)	BRACKET,B	1							S
5	1	172958-83121	PIN, 30X37	2							
6	1	172958-83131	PIN, 25X86	1							
7	1	172958-83140	BOLT, HEX SOCKET	3							
8	1	172958-83151	PIN ASSY, 38X237	1							
9	1	172958-83171-Y	PLATE, LOCK	1							
9-1	1	172958-83171-N (A=M6N952)	PLATE, LOCK	1							S
10	1	172958-83183	PIN ASSY, LOCK	1							
11	1	172960-83210	COLLAR, 35.5X55X1.6	1							
12	1	172958-83221	PIN, 38X242	1							
13	1	172958-83252	PLATE, RUBBER	1							
14	1	172958-83271-Y	GUARD ASSY	1							
14-1	1	172958-83271-N (A=M6N952)	GUARD ASSY	1							S
15	1	172958-83281-Y	GUARD ASSY	1							
15-1	1	172958-83281-N (A=M6N952)	GUARD ASSY	1							S
16	1	172958-83292-Y	COVER, HITCH	1							
16-1	1	172958-83292-N (A=M6N952)	COVER, HITCH	1							S
17	1	172958-83330	WASHER, 6.4X15.5X1.5	1							
18	1	172141-84601	SHIM ASSY, 35	1							
22	1	22137-080000	WASHER, 8	3							
23	1	22137-100000	WASHER, 10	2							
24	1	22157-120000	WASHER, 12	1							
25	1	22242-000350	RING, 35	1							
26	1	22252-000250	RING, 25	2							
27	1	22252-000300	RING, 30	2							
28	1	24311-000480	O-RING, 1AP48.0	2							
29	1	24761-020000	NIPPLE, GREASE PT1/8	4							
30	1	26013-080162	BOLT, M8X 16	2							
31	1	26013-100202	BOLT, M10X 20	2							
32	1	26013-120302	BOLT, M12X 30	1							
33	1	26116-080252	BOLT, M8X 25 PLATED	3							
34	1	26116-100802	BOLT, M10X 80 PLATED	1							
35	1	26716-100002	NUT, M10	2							
36	1	26756-060002	NUT, LOCK M6	1							
37	1	933171-29751	SHIM ASSY, PIN 38	2							
38	1	172B02-08960	LOCK,PIN QH KIT	1							1

Remarks
(1)Spare parts.

(A)=VIO30-6A P(KR)
(B)=
(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 8	2							
1-1	1	172B11-76900	CLIP, TREE 8	2							N
(A=MAF014)											
2	1	172176-68210	CLIP, TREE D25XL15	4							
3	1	172183-81160	CLIP, TREE 9.5	2							
4	1	172183-81160	CLIP, TREE 9.5	4							
4-1	1	172183-81160	CLIP, TREE 9.5	5							K
(A=*2024.06)											



(A)=VIO30-6A P(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	SPACER	2							
2	1	172112-87860	SHIM	2							
3	1	172B02-94100	BLADE ASSY	1							
4	2	172168-72240	BUSH	2							
5	2	172168-81270	SEAL, DUST	4							
7	1	172422-94210	PIN	2							
8	1	172142-94242	PIN ASSY, 40X103	2							
9	1	172124-94310-5	PLATE, LOCK	2							
10	1	22157-120000	WASHER, 12	2							
11	1	24761-020000	NIPPLE, GREASE PT1/8	2							
12	1	24761-040000	NIPPLE, GREASE B	2							
13	1	26013-100252	BOLT, M10X 25	4							
14	1	26013-120302	BOLT, M12X 30	2							
15	1	933171-29751	SHIM SET	2							

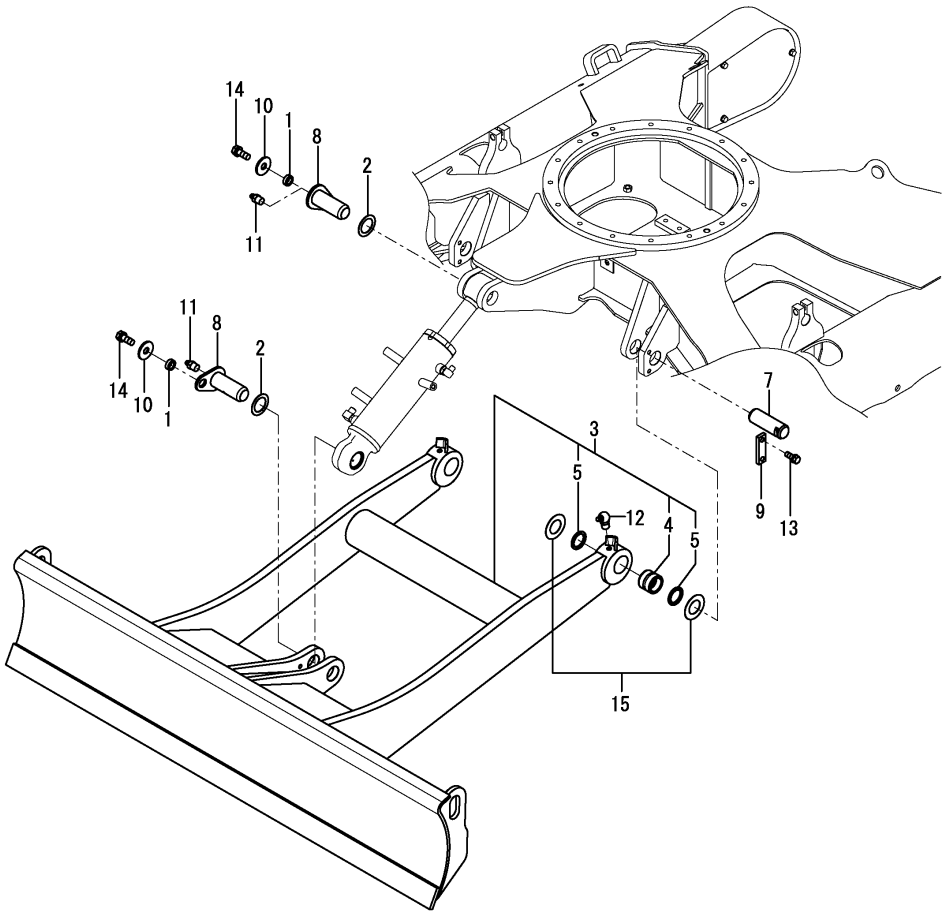
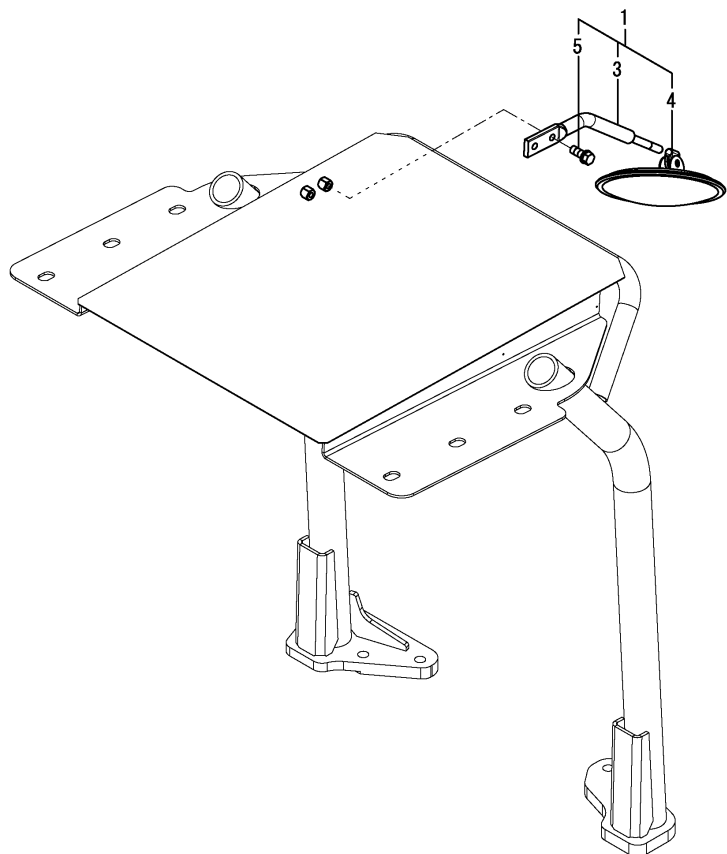


Fig.119. REARVIEW MIRROR KIT(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08550	MIRROR KIT,REARVIEWP	1							
3	3	172B03-67410	BRACKET ASSY, MIR P	1							
4	3	172A25-68500	MIRROR, REARVIEW	1							
5	3	26013-100252	BOLT. M10X 25	2							

Fig.120. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)

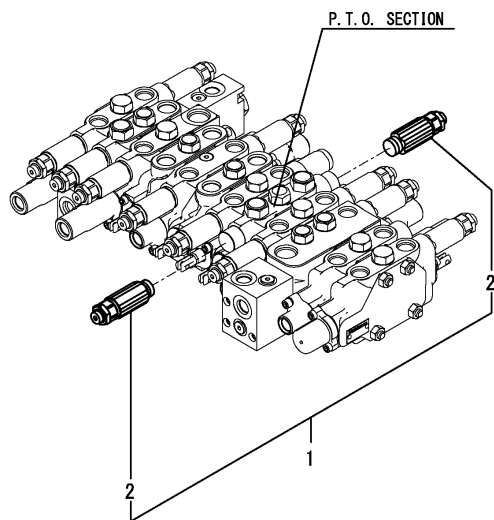
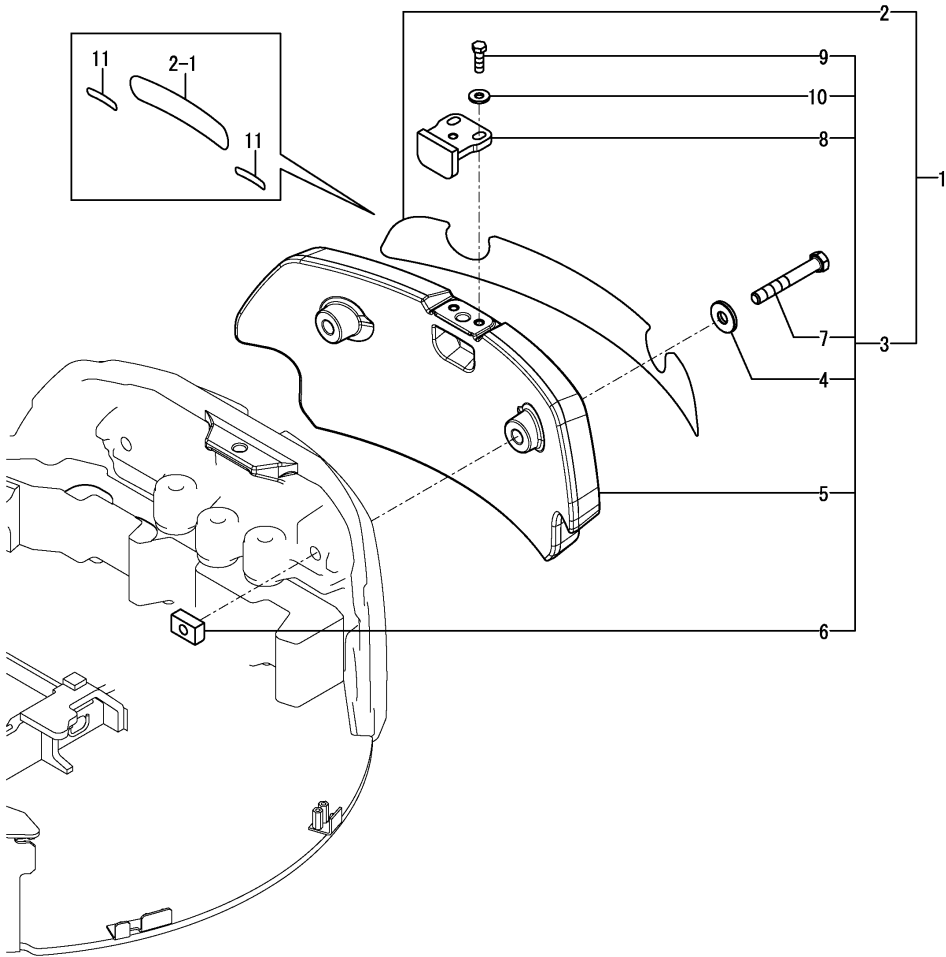
[illegible]

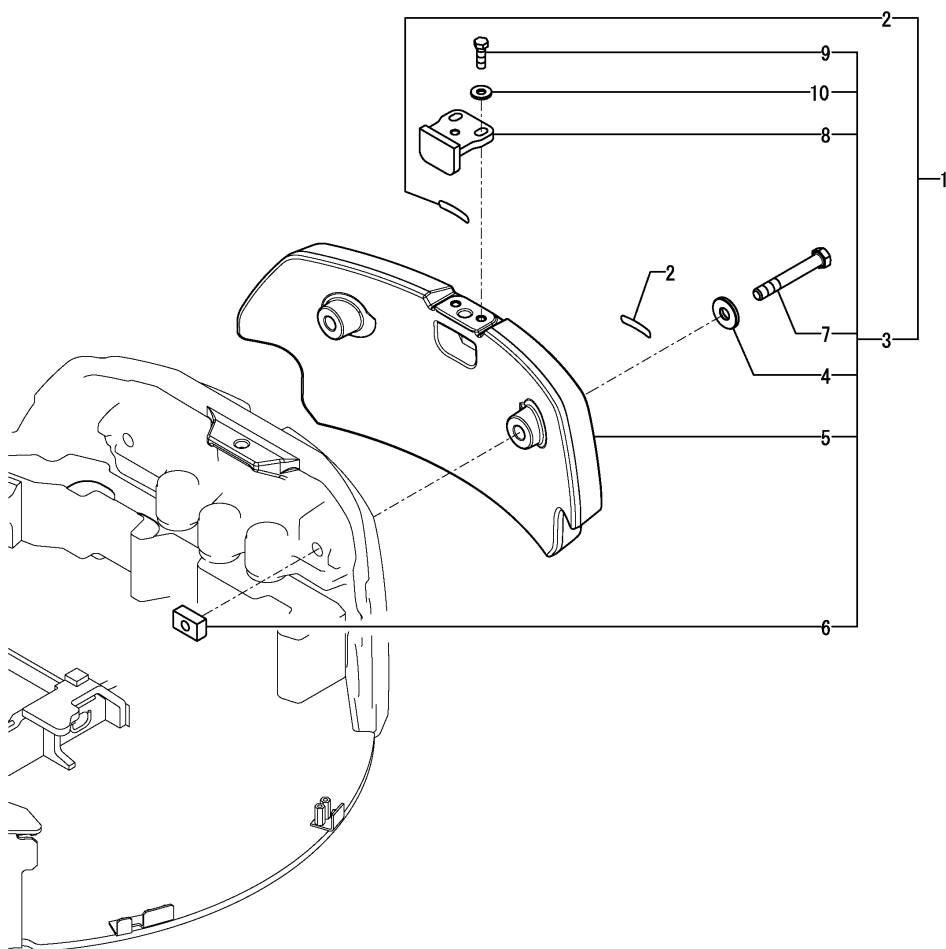
Fig.121. ADDITIONAL WEIGHT KIT(OPTIONAL)



(A)=VIO30-6A P(KR)
(B)=
(C)=
(D)=
(E)=
(F)=

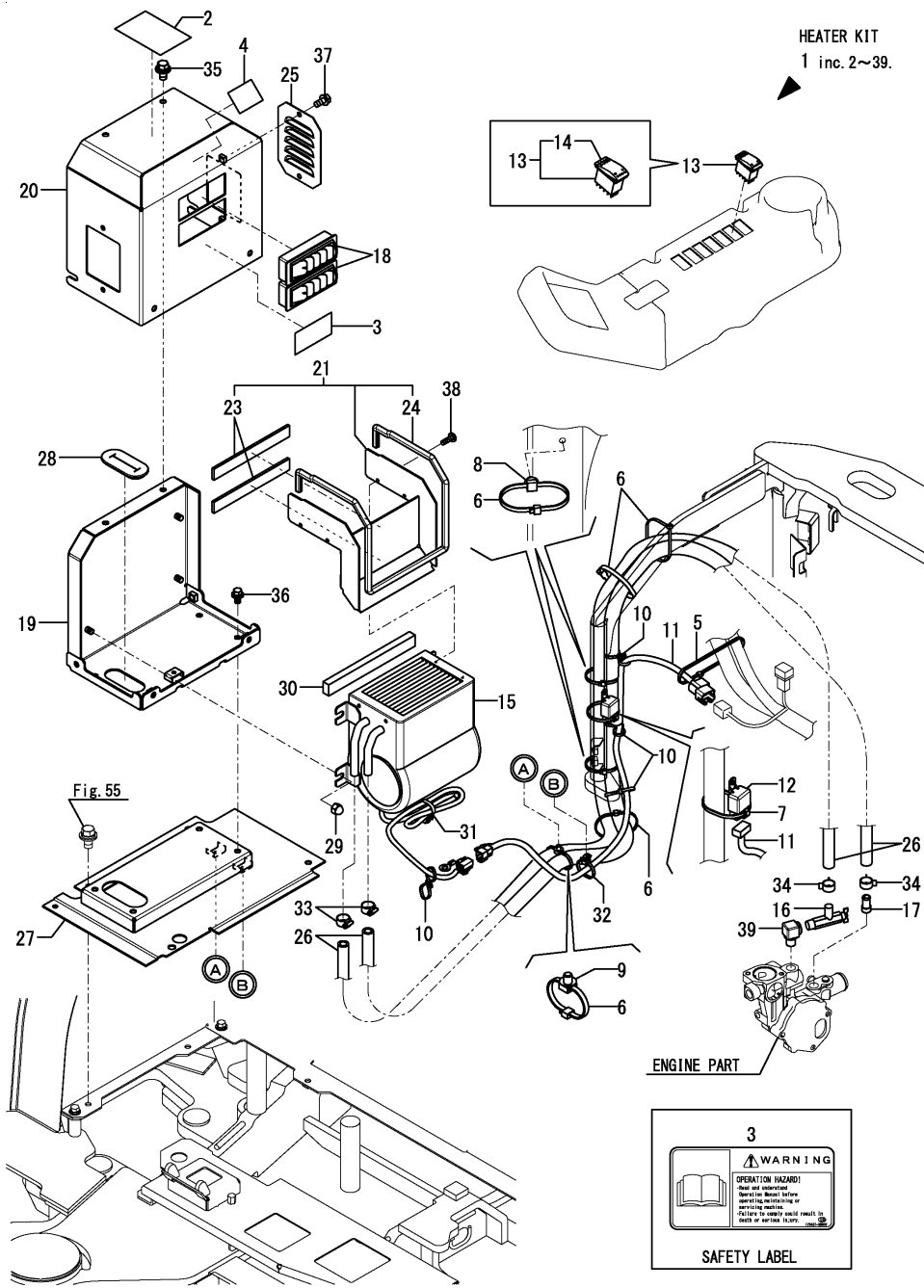
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08680	WEIGHT KIT,ADD	1							
1-1	1	172B03-08681	WEIGHT KIT,ADD D	1						S	
(A=MAF001)											
1-2	1	172B03-08681	WEIGHT KIT,ADD D	1						Z	
(A=*2017.08.)											
2	2	172B03-03160	LABEL,REAR	1							
2-1	2	172B03-04790	LABEL,REAR 30	1						S	
(A=MAF001)											
3	2	172B03-09200	WEIGHT ASSY, ADD	1							
4	3	172187-53321	WASHER	2							
5	3	172B03-53320	WEIGHT, ADD 150	1							
6	3	172A46-53360	NUT	2							
7	3	172A48-53371	BOLT	2							
8	3	172B03-53410	BRACKET ASSY,WEIGHT	1							
9	3	26116-160502	BOLT, M16X 50 PLATED	2							
10	3	933147-08501	WASHER	2							
11	2	172B04-03980	LABEL, REFLECTOR M	2						W	
(A=MAF001)											

Fig.150. (121A)ADDITIONAL WEIGHT KIT(OPTIONAL)



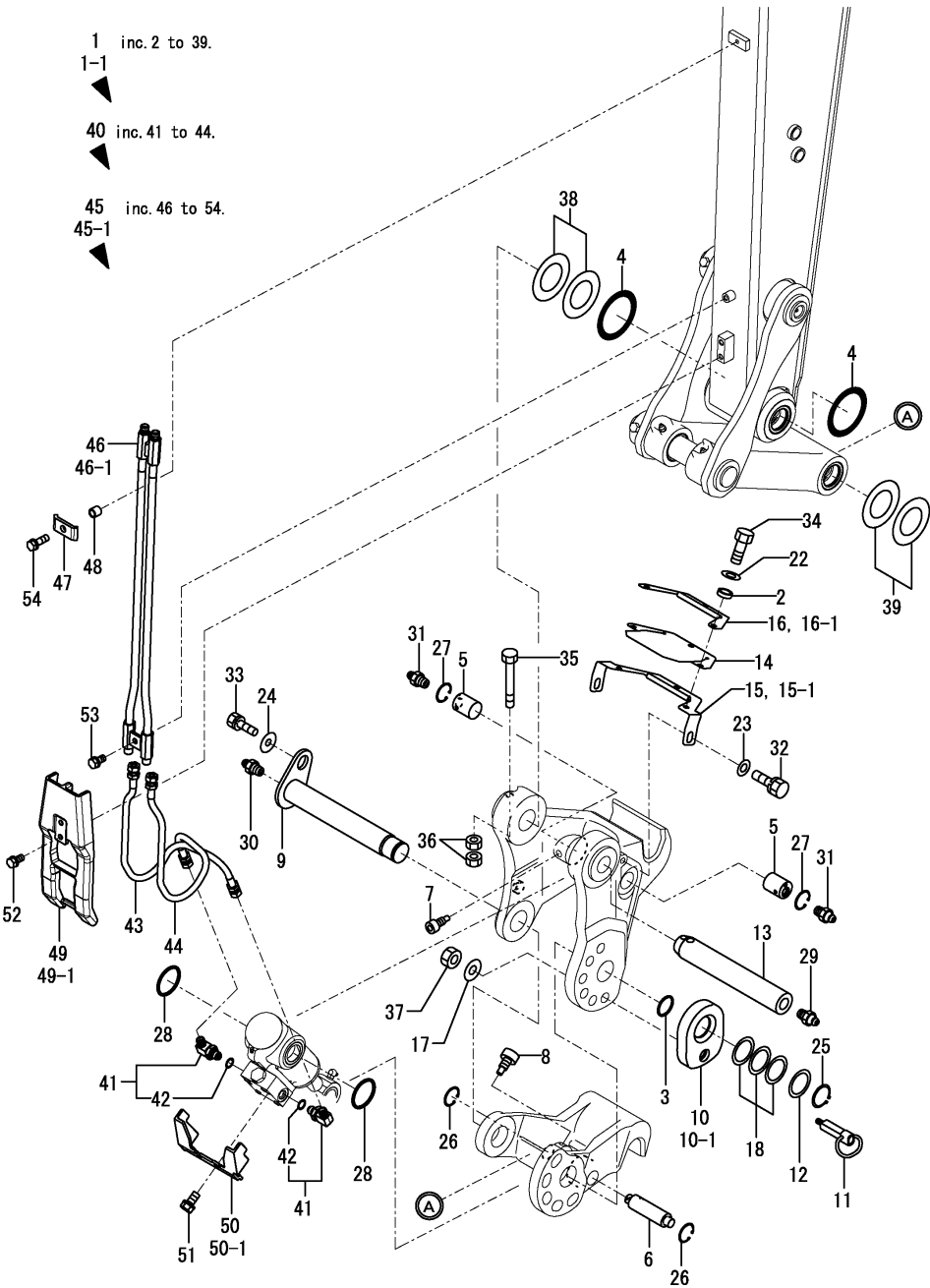
No.	Lev.	Parts No.	Description	(A)=VIO30-6A P(KR)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172B03-08880	WEIGHT KIT,ADD EX D	1							W
		(A=*2017.08.)									
2	2	172B04-03980	LABEL, REFLECTOR M	2							
3	2	172B03-09200	WEIGHT ASSY, ADD	1							
4	3	172187-53321	WASHER, 24.5X65X8	2							
5	3	172B03-53320	WEIGHT, ADD 150	1							
6	3	172A46-53360	NUT, M24	2							
7	3	172A48-53371	BOLT, M24X170	2							
8	3	172B03-53410	BRACKET ASSY,WEIGHT	1							
9	3	26116-160502	BOLT, M16X 50 PLATED	2							
10	3	933147-08501	WASHER, WHEEL SHAFT	2							

Fig.130. HEATER KIT(CANOPY)(OPTIONAL)



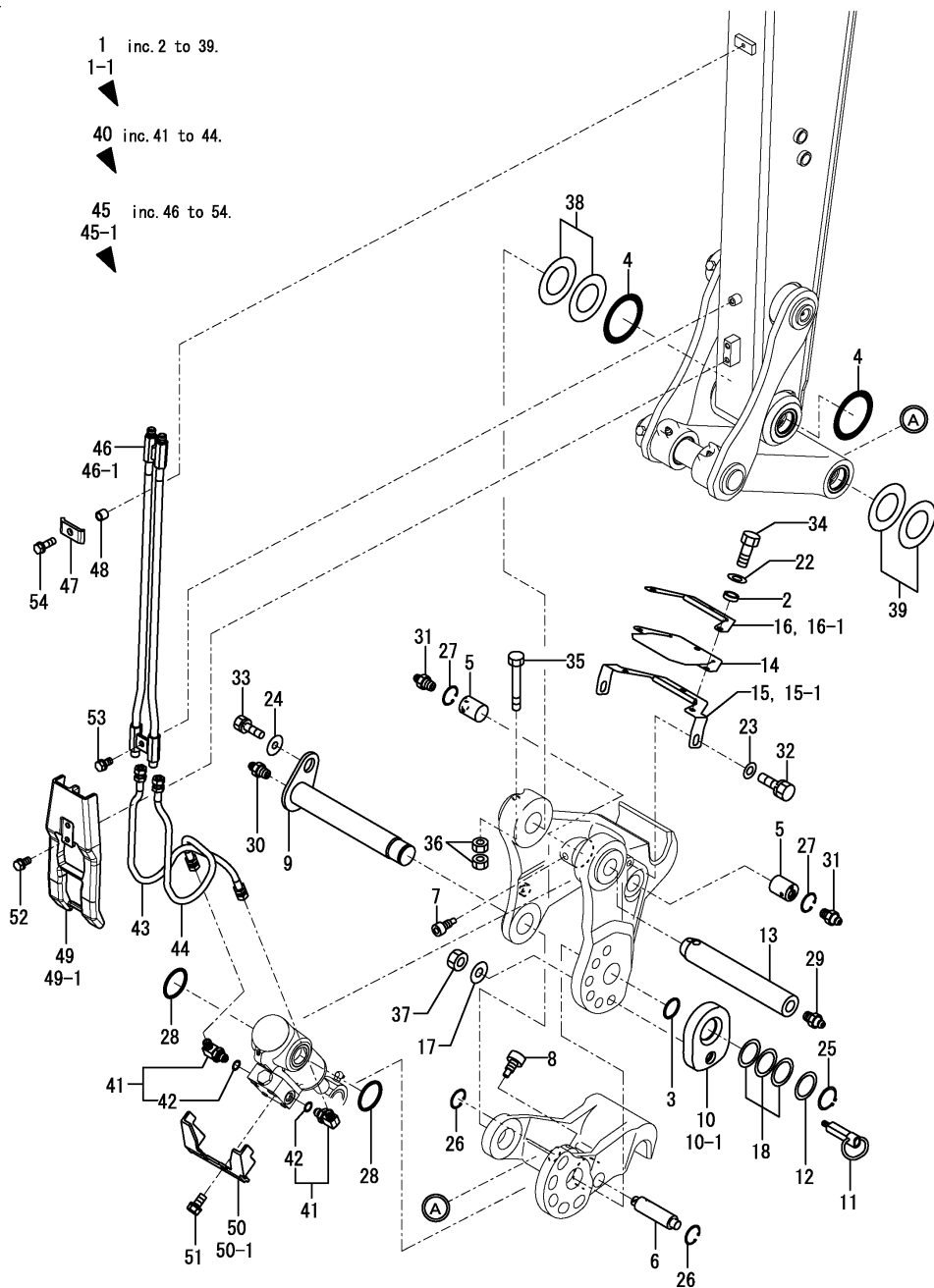
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08050	HEATER KIT,P EX	1							
2	2	172490-03200	LABEL, OPERATION	1							
3	2	172437-03302	LABEL, MANUAL	1							
4	2	172B03-04200	LABEL, HEATER 2P	1							
5	2	172126-11510	BAND, BINDING 300	1							
6	2	172126-11510	BAND, BINDING 300	6							
7	2	172126-11510	BAND, BINDING 300	1							
8	2	172B04-13040	CLIP, TREE	2							
9	2	172B04-13040	CLIP, TREE	1							
10	2	172137-16560	BAND, BINDING W	4							
11	2	172B03-16680	HARNES,HEATER P	1							
12	2	172B02-17150	RELAY, CA TYPE C	1							
13	2	172B03-17341	SWITCH, HEATER	1							
14	3	172B03-17390	COVER,SWITCH HEATER	1							
15	2	172458-17551	HEATER, 33RB	1							
16	2	172425-17630	VALVE, HEATER	1							
17	2	172124-17640	JOINT, PIPE 3/8	1							
18	2	172458-17700	GRILLE	2							
19	2	172B03-18110	BASE ASSY, HEATER P	1							
20	2	172B03-18220	COVER ASSY, HEATERP	1							
21	2	172B03-18260	DUCT ASSY, HEATER P	1							
23	3	172544-53410	SEAL, 197	2							
24	3	172445-63450	RUBBER	1							
25	2	172B11-18780	LOUVER	2							
26	2	172B03-19610	HOSE ASSY,HEATER1700	2							
27	2	172B03-62400	STEP ASSY, R CNP H	1							
28	2	172B03-63450	GROMMET, CABLE	1							
29	2	172458-63470	NUT, CAP M10	3							
30	2	172A50-68810	SEAL, CABIN A	1							
31	2	1E8490-84130	CLAMP, BAND	1							
32	2	1E8490-84130	CLAMP, BAND	1							
33	2	23001-022000	CLAMP, HOSE 22	2							
34	2	23080-018000	CLAMP, 18	2							
35	2	26014-100202	BOLT, M10X 20	4							
36	2	26014-100202	BOLT, M10X 20	6							
37	2	26106-080162	BOLT, M8X 16 PLATED	4							
38	2	26587-040122	SCREW, M4X12	4							
38-1	2	22877-400120	SCREW, 4.0 X 12	4							N
(A)=*2019.09)											
39	2	933166-24240	ELBOW, SWIVEL JOINT	1							

Fig.171. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)



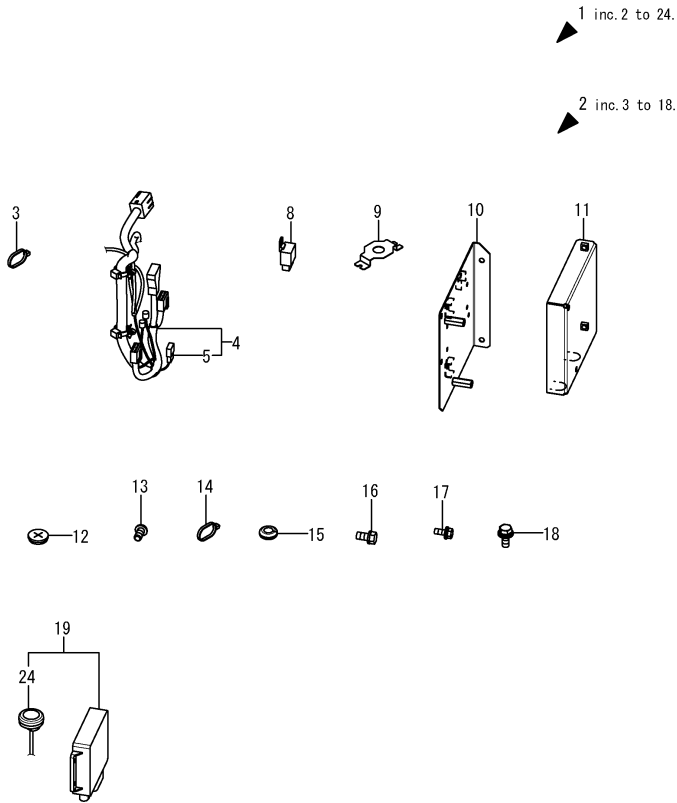
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-08730	OVERHAUL KIT, QH 3T	1							
1-1	1	172958-08730-1	OVERHAUL KIT, QH 3T	1							S
(A=M6N952)											
2	2	172958-17121	COLLAR, 9X4	3							
3	2	172124-46200	O-RING, 27.6X5.7	1							
4	2	172142-81620	O-RING, 71	2							
5	2	172958-83121	PIN, 30X37	2							
6	2	172958-83131	PIN, 25X86	1							
7	2	172958-83140	BOLT, HEX SOCKET	2							
8	2	172958-83140	BOLT, HEX SOCKET	1							
9	2	172958-83151	PIN ASSY, 38X237	1							
10	2	172958-83171-Y	PLATE, LOCK	1							
10-1	2	172958-83171-N	PLATE, LOCK	1							S
(A=M6N952)											
11	2	172958-83183	PIN ASSY, LOCK	1							
12	2	172960-83210	COLLAR, 35.5X55X1.6	1							
13	2	172958-83221	PIN, 38X242	1							
14	2	172958-83252	PLATE, RUBBER	1							
15	2	172958-83271-Y	GUARD ASSY	1							
15-1	2	172958-83271-N	GUARD ASSY	1							S
(A=M6N952)											
16	2	172958-83281-Y	GUARD ASSY	1							
16-1	2	172958-83281-N	GUARD ASSY	1							S
(A=M6N952)											
17	2	172958-83330	WASHER, 6.4X15.5X1.5	1							
18	2	172141-84601	SHIM ASSY, 35	1							
22	2	22137-080000	WASHER, 8	3							
23	2	22137-100000	WASHER, 10	2							
24	2	22157-120000	WASHER, 12	1							
25	2	22242-000350	RING, 35	1							
26	2	22252-000250	RING, 25	2							
27	2	22252-000300	RING, 30	2							
28	2	24311-000480	O-RING, 1AP48.0	2							
29	2	24761-020000	NIPPLE, GREASE PT1/8	1							
30	2	24761-020000	NIPPLE, GREASE PT1/8	1							
31	2	24761-020000	NIPPLE, GREASE PT1/8	2							
32	2	26013-100202	BOLT, M10X 20	2							
33	2	26013-120302	BOLT, M12X 30	1							
34	2	26116-080252	BOLT, M8X 25 PLATED	3							
35	2	26116-100802	BOLT, M10X 80 PLATED	1							
36	2	26716-100002	NUT, M10	2							
37	2	26756-060002	NUT, LOCK M6	1							
38	2	933171-29751	SHIM ASSY, PIN 38	1							
39	2	933171-29751	SHIM ASSY, PIN 38	1							
40	1	172958-08740	HOSE KIT, HYD QH 3T	1							
41	2	172958-76130	ELBOW, PF-1/4-PF1/4	2							
42	3	24315-000110	O-RING, 1BP11.0	2							
43	2	172958-78200	HOSE, F102BB050W	1							
44	2	172958-78210	HOSE, F102BB052W	1							
45	1	172958-08750	COVER KIT, HYD QH 3T	1							
45-1	1	172958-08750-1	COVER KIT, HYD QH 3T	1							S

Fig.171. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M6N952)									
46	2	172958-76102-Y	TUBE, HITCH	1							
46-1	2	172958-76102-N	TUBE, HITCH	1							S
		(A=M6N952)									
47	2	172110-76170	PLATE	1							
48	2	172137-76580	COLLAR, 9X11	1							
49	2	172958-81904-Y	COVER, ARM	1							
49-1	2	172958-81904-3	COVER, ARM	1							S
		(A=M6N952)									
50	2	172958-83292-Y	COVER, HITCH	1							
50-1	2	172958-83292-N	COVER, HITCH	1							S
		(A=M6N952)									
51	2	26013-080162	BOLT, M8X 16	2							
52	2	26013-080162	BOLT, M8X 16	2							
53	2	26013-080162	BOLT, M8X 16	1							
54	2	26013-080252	BOLT, M8X 25	1							

Fig.179. REMOTE CONTROLLER KIT(1.5G)(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08301	CONTROLLER KIT,RM	1							1
2	2	172B03-16010	PARTS ASSY, GPS	1							
3	3	172126-11510	BAND, BINDING 300	1							
4	3	172B03-16620	HARNESS ASSY, GPS	1							
5	4	172648-16600	DIODE, 1.5-2P	1							
8	3	172B02-17150	RELAY, CA TYPE C	2							
9	3	172B03-17650	PLATE, ANTENNA	1							
10	3	172B03-17831	BRACKET ASSY, GPS	1							
11	3	172B03-17851	COVER ASSY, GPS	1							
12	3	1A6260-27270	GROMMET, 35	1							
13	3	172186-45840	BOLT, BUTTON 8X16	4							
14	3	194202-56460	BAND, BINDING 200	2							
15	3	172137-62970	GROMMET, 16	2							
16	3	26013-080162	BOLT, M8X 16	3							
17	3	26014-060162	BOLT, M6X 16	6							
18	3	26014-060162	BOLT, M6X 16	2							
19	2	1RF001-93550	SA-R KIT,3G	1							1
19-1	2	1RF001-93551	SA-R KIT,3G	1							R 1
(A=MAF001)											
19-2	2	1RF001-93552	SA-R KIT,3G	1							R 1
(A=MAF003)											
19-3	2	1RF001-93553	SA-R KIT,3G	1							R 1
(A=MAF012)											
19-4	2	1RF001-93554	SA-R KIT,3G	1							N 1
(A=*2019.10)											
19-5	2	1RF001-93555	SA-R KIT,3G	1							N 1
(A=*2020.01)											
19-6	2	1RF001-93556	SA-R KIT,3G	1							N 1
(A=*2022.02)											
24	3	1RF001-93010	ANTENNA, MOBILE	1							

Remarks

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

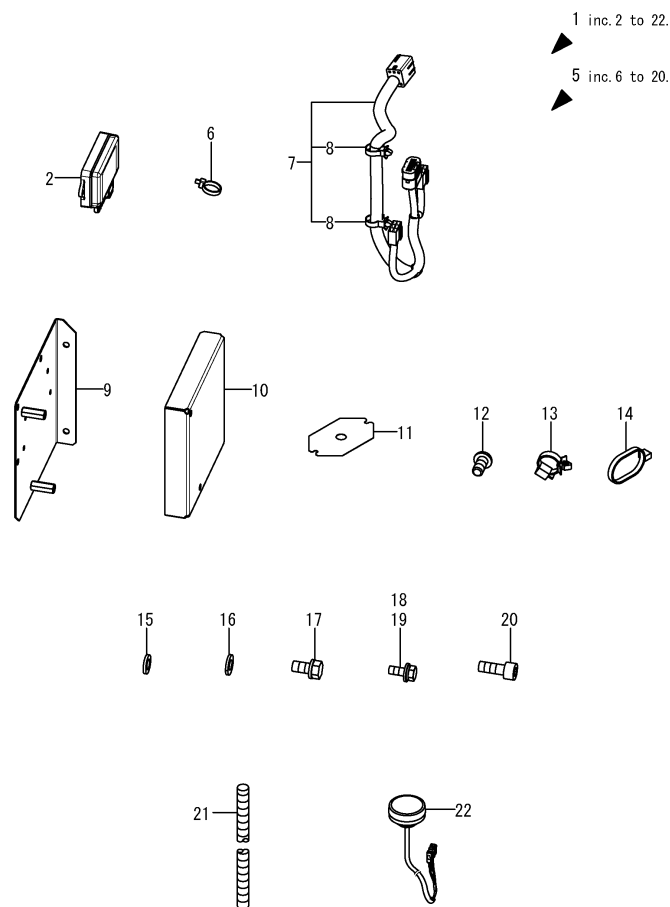
Note : Carrier registration is required when replacing this part.

* 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.182. REMOTE CONTROLLER KIT(3.0G)(OPTIONAL)



No.	Lev.	Parts No.	Description	(A)=VIO30-6A P(KR)		(D)=		I	R
				(B)=	(C)=	(E)=	(F)=		
				Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B03-07030	CONTROLLER KIT,GPS3	1					
2	2	1RF001-00652	CONTROLLER,SA-R3IBKR	1					N 1
(A="2023.12)									
2-1	2	1RF001-00660	CONTROLLER,SAR3IBOKR	1					N 1
(A="2024.06)									
2-2	2	1RF001-00661	CONTROLLER,SAR3IBOKR	1					N 1
(A="2024.12)									
2-3	2	1RF001-00662	CONTROLLER,SAR3IBOKR	1					N 1
(A="2025.09)									
5	2	172B03-16040	PARTS ASSY, GPS3C	1					
6	3	172126-11510	BAND, BINDING 300	1					
7	3	172B03-16490	HARNESS ASSY,REMOTE3	1					
8	4	1E8490-84130	CLAMP, BAND	2					
9	3	172B02-17680	BRACKET ASSY,GPS3	1					
10	3	172B03-17851	COVER ASSY, GPS	1					
11	3	172B03-17970	PLATE, ANTENNA3	1					
12	3	172186-45840	BOLT, BUTTON 8X16	4					
13	3	194680-51670	BAND, CLIP	2					
14	3	194202-56460	BAND, BINDING 200	2					
15	3	22117-060000	WASHER, 6	2					
16	3	22217-060000	WASHER, SPRING 6	2					
17	3	26013-080162	BOLT, M8X 16	3					
18	3	26014-060162	BOLT, M6X 16	2					
19	3	26014-060162	BOLT, M6X 16	2					
20	3	26450-060162	BOLT, M6X 16	2					
21	2	172B11-16540	TUBE, PROTECTOR 7	1					
22	2	1RF001-93600	ANTENNA,SA-R3	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.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
106990-44660	13	27
119802-55710	14	23
121120-13580	6	15
121250-49121	11	6
121256-44600	11	16
124450-44550	11	15
124766-59050	11	19
		20
	13	28
	14	28
		29
		30
		31
		32
		33
129004-55612	14	20
129100-55690	14	22
129263-44510	11	14
129612-52100	14	19
129907-55810	14	27
129927-44900	92	2
129927-77920	15	23
172020-10620	112	2
172068-28490	122	2
		10
	137	1
172110-45050	122	6
		14
	137	21
172110-76170	106	8
	107	1
		9
	171	47
172112-75780	92	18
172112-77361	101	12
	104	14
172112-77362	166	15
	167	9
172112-87860	117	2
172122-13381	11	8
172122-17190	69	10
172122-46590	34	13
	35	20
	137	13
172122-55061	92	29
172122-57620	45	5
172122-70350	79	25
172122-70460	79	5
172122-70630	80	15
172122-73430	79	38

Parts No.	Fig. No.	Ref. No.
172122-73470	79	48
	80	16
172122-79890	99	3
	108	26 -1
		26 -2
		26 -3
	149	28 -1
		28 -2
		28 -3
	169	28
	170	30 -1
		30 -2
		30 -3
172122-79930	108	26
		29
	149	28
		31
	170	30
		33
172122-79940	64	4
172123-76121	76	24
	93	1
	96	3
	101	7
	105	3
	108	2
	149	4
172123-76122	168	3
	169	6
		12
		20 -1
	170	3
	176	23
172124-13230-5	9	7
172124-17640	125	3
	130	17
172124-46200	34	11
	35	18
	115	2
	137	7
		8
	171	3
172124-46340	34	12
172124-70380	80	9
172124-70390	80	10
		11
172124-76160	95	12
172124-94310-5	117	9
172125-03951	2	9
172126-11510	7	1

Parts No.	Fig. No.	Ref. No.
172126-11510	21	1
		2
		40
	93	13
	97	16 -1
		17
		18
	108	9
		10
	125	1
	126	1
		7
		8
		10
		11
	127	1
	130	5
		6
		7
	149	12
	153	2
	170	13
		14
	178	5
	179	3
	180	2
	182	6
172137-16560	25	3
	126	3
	130	10
	132	1
172137-46210	24	17
	57	2
		3
		4
	64	2
172137-62970	178	15
	179	15
	180	14
	181	17
172137-66230	47	11
		16
172137-73700	92	3
172137-76100	169	3
172137-76110	92	19
172137-76580	106	9
	107	4
	171	48
172141-17150	26	2
172141-29112	27	1

Parts No.	Fig. No.	Ref. No.
172141-37320	29	3
172141-41340	34	1
172141-41360	35	9
	39	2
		7
172141-41370	34	3
		6
	35	3
	41	3
	136	3
	137	11
		15
172141-70020	79	19
172141-70030	79	20
172141-70041	79	21
172141-70100	79	22
172141-70110	79	23
172141-70230	79	24
172141-73770	92	6
172141-76090	103	7
172141-76181	177	13
172141-76220	100	5
	169	8
172141-76900	73	29
	74	33
	75	27
	173	30
	174	32
	175	25
172141-76920	93	9
	95	21
172141-84601	115	18
	171	18
172142-62301	5	5
	12	10
172142-76940-Y	104	11
172142-76941	104	11 -1
	166	12
172142-76941-N	104	11 -2
	166	12 -1
172142-76950-Y	104	13
172142-76951	104	13 -1
	166	14
	167	8
172142-76951-N	104	13 -2
	166	14 -1
	167	8 -1
172142-81620	113	7
	171	4
172142-94242	117	8

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172146-82910	112	13
172147-70280	80	6
172147-70331	80	8
172147-70390	80	12
172147-70500	79	6
		27
	80	13
172148-70301	79	3
	80	7
172148-70340	79	4
172148-82320	111	5
172151-73400	89	2
	90	2
	148	7
	152	2
	162	2
172151-73420	89	3
	90	3
	148	8
	152	3
	162	3
172151-73450	89	4
	90	4
	148	9
	152	4
	162	4
172151-76050	108	1
	149	1
	170	1
		2
172156-72400	78	2
172156-72770	78	4
172157-45990	35	17
172162-14200	13	4
172162-61850	23	9
172162-68370	40	4 -1
	56	7
	140	7
172162-76132	169	14
172162-76181	96	6
172164-66480	58	9
172164-66640	58	10
172164-76131	95	6
172164-81670	73	41
	112	5
	113	8
	117	1
	173	42
172164-81820-2	114	1 -1
	183	1

Parts No.	Fig. No.	Ref. No.
172164-81820-Y	114	1
172165-46340	35	19
172165-47550	41	12
	136	12
172165-62800	21	22
		23
172165-62810	62	6
172165-62830	62	2
		5
172165-71200	71	4
172165-76580	104	9
172165-76581	166	9
	167	3
172165-76590	93	8
172165-76591	96	11 A
172165-81770	44	4
172165-82520	73	44
	112	11
	113	11
	173	45
172165-82530	73	45
	112	12
	113	12
	173	46
172165-82580	76	31
	113	13
	176	30
172165-82590	76	32
	113	14
	176	31
172168-71101-4	71	1
172168-71951	79	7
172168-72240	117	4
172168-76370	103	13
172168-81270	75	26 -1
	113	3
	114	6
		7
	117	5
	175	27
	183	6
		7
172169-54750	44	3
172173-74280	83	38
	85	20
	142	38
	144	20
	155	26
	158	20
172173-76102	101	3

Parts No.	Fig. No.	Ref. No.
172173-76121	101	8
	177	2
172175-13110-1	9	4
172175-73700	92	4
172175-73710	92	5
172175-81700	112	6
172175-81710	112	7
172176-68210	116	2
172176-81700	111	1
172176-81710	111	2
172183-03280	3	10
	124	10
172183-16560	108	11
	149	13
	170	15
172183-73670	79	73
172183-76200	96	8
	149	5
172183-76201	169	16
172183-76250-3	104	3 -1
	166	4 -1
172183-76250-Y	104	3
	166	4
172183-81160	116	3
		4
		4 -1
172186-45840	178	12
	179	13
	180	12
	181	15
	182	12
172186-76390	105	8
	168	9
172187-16110	16	1
172187-45651	35	13
172187-45760	35	14
	37	1
	137	3
172187-45870	34	9
172187-45880	34	10
172187-46190	137	6
172187-46400-1	137	9
172187-53321	43	2
	118	1
	121	4
	150	4
172187-61421	48	1
	59	2
172187-64900	24	18
	58	7

Parts No.	Fig. No.	Ref. No.
172187-73711	92	7
172187-75500	92	17
172187-76200	104	2
172187-76201	166	2
172187-76520	104	7
	166	7
172187-76530-3	104	8 -1
	166	8 -1
172187-76530-Y	104	8
	166	8
172187-76690-N	104	10 -1
	166	11 -1
172187-76690-Y	104	10
	166	11
172187-76940	103	25
	104	12
	166	13
172187-78580	21	36
		37
	106	12
172312-74790	79	75
		76
172422-73140	72	2
172422-73160	72	3
172422-73170	72	4
172422-73220	72	7
172422-73280	72	8
172422-73290	72	9
172422-73500	72	10
172422-73510	72	11
172422-73520	72	29
172422-73530	72	30
		31
172422-73540	72	32
172422-73550	72	33
172422-73560	72	35
172422-73570	72	37
172422-73580	72	39
172422-73590	72	41
172422-73610	72	42
172422-73700	72	72
172422-76100	72	67
172422-76140	96	4
172422-94210	117	7
172423-73530	80	18
172425-17630	125	2
	130	16
172434-61170	51	3
172434-61200	5	4
	68	2

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172437-03242	3	3
	124	3
172437-03252	3	9
	124	9
172437-03302	3	11
	124	11
	130	3
172437-03312	3	12
	124	12
172437-03322	1	6
	123	6
	172	4
172437-03343	3	13
	124	13
172437-03352	1	7
	123	7
	172	5
172437-03361	2	7
172437-03372	3	14
	124	14
172437-03381	1	8
	123	8
172437-03391	3	16
	124	16
172437-03402	1	9
	123	9
	172	7
172437-03432	3	18
	124	18
172437-03451	3	21
	124	21
172437-03461	1	11
	123	11
	172	9
172437-03471	3	22
	124	22
172437-03501	1	13
	123	13
	172	11
172437-03511	1	14
		14 -1
	123	14
		14 -1
172437-03512	123	14 -2
	172	12
172438-76460	103	14
172441-44320	40	1
172444-13210	11	4
172444-13220	11	5
172444-14130	13	17

Parts No.	Fig. No.	Ref. No.
172444-14200	13	5
172444-14410	13	25
172444-14450	13	6
172444-14460	13	7
172444-14470	13	8
172444-14480	13	9
172444-14490	13	10
172444-17620	52	2
172444-17660	57	1
	62	1
	116	1
172444-65190	48	17
172444-76400	93	4
172444-81310	113	4
172445-63450	127	9
	130	24
172445-76153	96	5
172445-78950	167	13
172445-78960-1	167	14
172445-78960-N	167	14 -1
172445-78980	167	15
172446-62910	58	3
172446-75250	92	9
172447-14160	13	3
172447-17150	15	16
172447-74230	86	17
	145	2
	159	17
172448-14670	14	15
172448-54120	113	2
172448-65490	47	21
		22
	65	14
172450-73120	72	61
172450-73130	72	62
172450-73330	79	28
172450-73350	79	29
172450-73360	79	30
172450-73370	79	31
172450-73380	79	32
172450-73390	79	33
172450-73400	79	34
172450-73410	79	35
172450-73420	79	36
172450-73430	79	39
172450-73440	79	40
172450-73450	79	41
172450-73460	79	42
172450-73470	79	43
172450-73501	79	65

Parts No.	Fig. No.	Ref. No.
172450-73510	79	66
172450-73751	80	54
172450-73830	80	21
172450-73850	80	22
172450-73860	80	23
172450-73870	80	24
172450-77050	80	33
172450-77070	80	34
172450-77080	80	35
172450-77090	80	36
172450-77110	80	37
172450-77120	80	38
172450-77130	80	39
172450-77140	80	40
172450-77170	80	41
172450-77190	80	42
172450-77220	80	68
172455-29140	80	1
172455-46890	41	11
	136	11
172455-53331	43	3
172455-61710	60	1
172455-75270	92	10
172455-75290	92	12
172455-75300	92	13
172455-76220	108	3
	149	6
172455-76221	170	5
172455-79140	103	28
172456-53700	23	6
	43	4
172456-74440	83	4
	142	4
	156	2
172458-03240	4	4
172458-13120-1	9	6
172458-14203	13	11
172458-14340	13	24
172458-14370	13	14
172458-16550	15	14
172458-17551	126	6
	130	15
172458-17700	127	3
	130	18
172458-37102	28	3
172458-37120	28	6
172458-37131	28	7
172458-37151	28	10
172458-37200	28	3 -1
172458-37500-2	30	1

Parts No.	Fig. No.	Ref. No.
172458-37570	30	3
172458-37580	30	4
172458-37590	30	5
172458-37700	28	15
172458-45230-1	35	5
172458-45510-1	36	1
	134	1
172458-45521-1	35	11
172458-45540-1	35	12
172458-45950	133	4
172458-50480-2	42	2
172458-57601-2	45	1 -1
172458-63470	127	12
	130	29
172458-63641	108	12
	149	14
	170	16
172458-65070	59	8
172458-72740	76	6
172458-72741	76	6 -1
172458-73510	72	52
172458-73550	72	34
172458-73560	72	36
172458-73570	72	38
172458-73580	72	40
172458-73660	72	43
172458-73680	72	22
172458-73690	72	23
172458-73712	80	2
172458-73770	79	74
172458-73790	72	24
172458-73960	80	67
172458-73970	80	25
172458-73980	80	26
172458-73990	80	27
172458-74130	84	2
	85	2
	86	19
	88	14
	143	2
	144	2
	145	4
		19
	147	14
	157	2
	158	2
	159	19
	161	14
172458-74140	84	3
	85	3

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-74140	86	20
	88	15
	143	3
	144	3
	145	5
		20
	147	15
	157	3
	158	3
	159	20
172458-74150	161	15
	83	32
	84	16
	86	21
	87	26
	88	2
		16
	142	32
	143	16
	145	6
172458-74160	146	26
	147	2
		16
	155	20
	157	16
	159	21
	160	26
	161	2
		16
	83	33
172458-74170	84	17
	86	22
	87	27
	88	3
		17
	142	33
	143	17
	145	7
	146	27
	147	3
172458-74170		17
	155	21
	157	17
	159	22
	160	27
	161	3
		17
	84	4
	85	4
	86	23

Parts No.	Fig. No.	Ref. No.
172458-74170	88	19
	143	4
	144	4
	145	8
		21
	147	19
	157	4
	158	4
	159	23
	161	19
172458-74230	83	34
	84	18
	85	17
	86	3
	87	4
		28
	88	6
	142	34
	143	18
	144	17
172458-74240	146	4
		28
	147	6
	155	3
		22
	157	18
	158	17
	159	3
	160	4
		28
172458-74250	161	6
	83	35
	84	19
	86	4
	87	29
	88	7
	142	35
	143	19
	146	29
	147	7
172458-74250	155	4
		23
	157	19
	159	4
	160	29
	161	7
	83	36
	84	20
	86	5
	87	7

Parts No.	Fig. No.	Ref. No.
172458-74250	87	30
	88	8
	142	36
	143	20
	146	7
		30
	147	8
	155	5
		24
	157	20
172458-74260	159	5
	160	6
		30
	161	8
	83	37
	84	21
	85	19
	86	6
	87	9
		31
172458-74290	88	9
	142	37
	143	21
	144	19
	146	9
		31
	147	9
	155	6
		25
	157	21
172458-74310	158	19
	159	6
	160	8
		31
	161	9
	83	7
	84	5
	85	5
	87	11
	142	7
172458-74320	143	5
	144	5
	146	11
	156	5
	157	5
	158	5
	160	10
	80	28
	80	29
	80	30

Parts No.	Fig. No.	Ref. No.
172458-74340	80	31
	83	8
	84	6
	85	6
	87	12
	142	8
	143	6
	144	6
	146	12
	156	6
172458-74360	157	6
	158	6
	160	11
	85	25
	144	25
	158	25
	85	26
	144	26
	158	26
	85	27
172458-74530	144	27
	158	27
	83	41
	84	24
	86	26
	87	34
	88	10
		21
	142	41
	143	24
172458-74550	145	11
	146	34
	147	10
		21
	155	29
	157	24
	159	26
	160	34
	161	10
		21
172458-74630	83	14
	84	9
	85	9
	87	13
	142	14
	143	9
	144	9
	146	13
	156	12
	157	9

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-74640	158	9
	160	13
172458-74670	85	28
	87	14
	144	28
	146	14
	158	28
	160	14
172458-74710	83	45
	86	31
	142	45
	145	16
	155	33
	159	31
172458-74720	83	1
	142	1
	155	16
172458-74730	83	2
	142	2
172458-74910	80	71
172458-76150	95	10
	105	4
172458-76160	94	9
172458-78571	108	13
	149	15
	170	17
172458-81630	113	6
	114	8
	183	8
172458-82600-3	114	4 -1
	183	4
172458-82600-Y	114	4
172459-73740	80	20
172459-82320	111	6
172460-37750	28	16
172460-73570	79	72
172460-76570	93	6
172460-81400	112	4
172462-03320	2	6
172463-03290	1	5
	123	5
	172	3
172472-03141	3	6
	124	6
172472-03230	4	3
172472-03241	4	5
172472-03261	4	6
172472-03290	24	2
172472-03300	24	3
172472-03330	4	7

Parts No.	Fig. No.	Ref. No.
172478-17201	22	1
172490-03200	124	27
	130	2
172490-13112-1	9	5
172490-37320	29	10
172490-74310	86	8
	145	22
	155	7
	159	8
172490-74320	86	10
	145	23
	155	8
	159	10
172490-74330	86	11
	145	24
	155	9
	159	11
172499-03270	3	4
	124	4
172499-70180	83	31
	85	16
	142	31
	144	16
	155	19
	158	16
172499-74860	87	15
	146	15
	160	15
172519-63240	21	24
	40	4
		5
	56	4
		4 -1
		5
	140	1
		1 -1
		2
172534-76760	103	15
172538-17100	26	1
		1 -1
172538-65320	58	8
172544-03171	123	4
172544-53410	127	8
	130	23
172631-16350	15	10
172637-76110	92	20
172638-73330	79	12
172638-73470	80	17
172644-76161	94	11
172648-16600	179	5

Parts No.	Fig. No.	Ref. No.
172648-16600	180	4
172653-16100	15	2
172653-16101	15	2 -1
172663-03520	172	13
172730-05250	69	1
172823-45940	35	16
172845-74370	170	7
172845-78140	169	21
172845-78150	169	22
172845-79750	170	26
172845-79770	170	28
172958-03160	4	2
172958-08730	171	1
172958-08730-1	171	1 -1
172958-08740	171	40
172958-08750	171	45
172958-08750-1	171	45 -1
172958-17102	24	4
172958-17111	24	1
172958-17121	115	1
	171	2
172958-17140	24	7
172958-17150	24	8
172958-17160	24	9
172958-17170	24	10
172958-17180	24	11
172958-17190	24	12
172958-17200	24	13
172958-17210	24	14
172958-17220	24	15
172958-17230	24	14 -1
172958-17400	24	4 -1
172958-17410	24	1 -1
172958-72750	78	3
172958-72760	78	6
172958-72770	78	11
172958-72801-N	78	1
172958-72811-N	78	14
172958-72860	78	17
172958-72890	78	20
172958-72950	78	21
172958-72960	78	22
172958-72970	78	16
172958-72983-N	78	23
172958-73511	72	12
172958-73512	72	12 -1
172958-76102-N	106	5 -1
	171	46 -1
172958-76102-Y	106	5
	171	46

Parts No.	Fig. No.	Ref. No.
172958-76130	106	6
	171	41
172958-78200	106	10
	171	43
172958-78210	106	11
	171	44
172958-81904-3	106	15 -1
	171	49 -1
172958-81904-Y	106	15
	171	49
172958-83102-N	115	3 -1
172958-83102-Y	115	3
172958-83111-N	115	4 -1
172958-83111-Y	115	4
172958-83121	115	5
	171	5
172958-83131	115	6
	171	6
172958-83140	115	7
	171	7
		8
172958-83151	115	8
	171	9
172958-83171-N	115	9 -1
	171	10 -1
172958-83171-Y	115	9
	171	10
172958-83183	115	10
	171	11
172958-83221	115	12
	171	13
172958-83252	115	13
	171	14
172958-83271-N	115	14 -1
	171	15 -1
172958-83271-Y	115	14
	171	15
172958-83281-N	115	15 -1
	171	16 -1
172958-83281-Y	115	15
	171	16
172958-83292-N	115	16 -1
	171	50 -1
172958-83292-Y	115	16
	171	50
172958-83330	115	17
	171	17
172960-83210	115	11
	171	12
172964-12140	135	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A07-03160	2	2
172A21-13100	9	2
172A23-72043	73	33
	74	38
	75	32
	173	34
	174	38
	175	31
172A23-72052	73	34
	74	39
	75	33
	173	35
	174	39
	175	32
172A23-72081	73	36
	74	41
	75	35
	173	37
	174	41
	175	34
172A25-68500	119	4
172A25-76570	93	5
172A25-81900	76	27
	176	26
172A36-03411	1	10
	123	10
	172	8
172A38-03201	2	3
172A38-03211	2	4
172A45-73720	80	53
172A45-73730	80	19
172A46-03220	124	28
172A46-03270	123	19
172A46-14601	14	7
172A46-45500	148	4
172A46-45510	148	5
172A46-46500	40	2
172A46-46530	40	3
172A46-53360	118	3
	121	6
	150	6
172A46-57610	45	4
172A46-57611	45	4 -1
172A46-61460	50	2
172A46-61940	48	5
172A46-72070	73	35
	74	40
	75	34
	173	36
	174	40

Parts No.	Fig. No.	Ref. No.
172A46-72070	175	33
172A46-73520	79	67
172A46-73530	79	68
172A46-73540	79	69
172A46-73560	79	71
172A46-74250	85	18
	144	18
	158	18
172A46-77800	110	1
172A46-81901	76	28
	176	27
172A47-03371	3	24
	124	24
172A47-14520	13	26
172A47-45580	133	6
172A47-65550	66	2
	151	4
172A47-72840	73	39
	74	45
	75	39
	173	40
	174	45
	175	38
172A47-72881-N	73	40
	173	41
172A47-73320	79	9
172A47-74121	103	1
172A47-74260	87	10
	146	10
	160	9
172A47-74270	83	6
	142	6
	156	4
172A47-74360	85	21
	144	21
	158	21
172A47-74370	85	22
	144	22
	158	22
172A47-74380	85	23
	144	23
	158	23
172A47-74460	83	9
	142	9
	156	7
172A47-74560	83	11
	142	11
	156	9
172A47-74570	83	12
	142	12

Parts No.	Fig. No.	Ref. No.
172A47-74570	156	10
172A47-74580	83	13
	142	13
	156	11
172A47-74920	83	15
	142	15
	156	13
172A47-74930	83	16
	142	16
	156	14
172A47-74950	83	42
	87	16
	142	42
	146	16
	155	30
	160	16
172A47-74970	83	43
	142	43
	155	31
172A47-74980	85	29
	144	29
	158	29
172A47-75450	155	34
172A47-75460	86	15
	145	33
	155	15
	159	15
172A47-75480	120	2
172A47-75620	83	17
	86	12
	142	17
	145	27
	155	12
	156	15
	159	12
172A47-75680	83	18
	87	17
	142	18
	146	17
	156	16
	160	17
172A47-75690	83	19
	142	19
	156	17
172A47-75720	87	18
	146	18
	160	18
172A47-76111	22	2
172A47-76151	93	2
172A47-76310	96	9

Parts No.	Fig. No.	Ref. No.
172A47-76340	96	9 -1
172A47-76460	102	11
172A47-77820	110	3
172A47-81980	76	30
	176	29
172A48-53371	118	4
	121	7
	150	7
172A50-68810	127	13
	130	30
172A52-70650	174	27
172A52-76110	94	7
172A64-03380	123	8 -1
	172	6
172A64-13760	12	6
172A64-14250	14	1
172A64-17250	21	16
172A64-73280	72	25
172A64-74590	89	5
	90	5
	148	10
	152	9
	162	5
172A64-74600	89	7
	90	7
	148	11
	152	11
	162	7
172A64-74601	89	7 -1
	90	7 -1
	148	11 -1
	152	11 -1
	162	7 -1
172A64-74610	89	8
	90	8
	148	12
	152	12
	162	8
172A64-74611	89	8 -1
	90	8 -1
	148	12 -1
	152	12 -1
	162	8 -1
172A64-74620	89	9
	90	9
	152	13
	162	9
172A64-74630	89	10
	90	10
	148	13

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A64-74630	152	14
	162	10
172A64-74640	89	11
	90	11
	148	15
	152	15
	162	11
172A64-74650	89	12
	90	12
	148	16
	152	16
	162	15
172A64-74660	89	17
	90	13
	148	17
	152	17
	162	16
172A64-74670	89	15
	148	18
	152	7
	162	13
172A64-74680	89	18
	90	14
	148	19
	152	18
	162	17
172A64-74900	89	19
	90	17
	152	19
	162	18
172A64-74930	89	20
	90	18
	152	20
	162	19
172A65-03230	1	4
172A65-16550	15	15
172A65-64840	12	8
	67	2
172A66-72140	74	31
172A69-03220	3	8
	124	8
172A69-12100	8	1
172A69-12120	8	7
172A69-14230	13	21
172A69-17260	21	17
172A69-19270	10	7
	12	7
172A69-46270	41	7
	136	7
172A77-37370	28	5

Parts No.	Fig. No.	Ref. No.
172A77-46050	41	1
	136	1
172A77-57600	45	1
172A77-57620	45	3
172A78-74360	155	10
172A78-74490	155	2
172A78-74590	155	1
172A78-74650	89	22
	90	20
172A78-74651	148	21
	152	22
	162	21
172A79-03150	3	23
	124	23
172A79-03160	1	15
	123	15
	172	2
172A79-72570	9	11
	73	38
	74	43
	75	37
	173	39
	174	43
	175	36
172A79-76110	22	4
172A79-76140	168	5
172A85-74680	85	31 -1
	144	31 -1
	158	31 -1
172A86-03750	124	2
172A86-03790	123	3 -1
172A86-04390	172	17
172A89-17180	21	15
172A89-64740	61	11
172A89-64780	61	12
172A89-64790	61	13
172A89-64800	61	14
		14 -2
172A89-64810	61	15
		15 -2
172A89-64820	61	16
172A89-64830	61	17
172A89-64840	61	18
172A89-64850	61	19
172A89-64860	61	20
172A89-64870	61	21
172A89-64880	61	22
172A89-64890	61	23
172A89-64900	61	24
172A89-64910	61	25

Parts No.	Fig. No.	Ref. No.
172A89-64920	61	26
172A89-64950	61	5
172A89-77800	110	2
172B02-03061	3	5
	124	5
172B02-03151	1	2
172B02-03300	123	18
172B02-03350	172	20
172B02-04470	123	16
	172	18
172B02-04480	123	17
	172	19
172B02-08040	172	1
172B02-08140	1	1
172B02-08141	123	1
172B02-08142	123	1 -1
172B02-08450	3	1
172B02-08451	124	1
172B02-08950	106	19
172B02-08960	115	38
172B02-16900	17	7
172B02-17150	21	14
	126	9
	130	12
	178	8
	179	8
	180	7
	181	10
172B02-17600	181	11
172B02-17630	181	12
172B02-17680	178	9
	182	9
172B02-53310	43	1
172B02-54092	44	1
172B02-61420	49	3
172B02-61430	49	4
172B02-64210	61	2
172B02-64250	61	9
172B02-64260	61	10
172B02-64270	61	2 A
172B02-64800	60	3
	61	1
172B02-64801	60	3 -1
	61	1 -1
172B02-64900	61	14 -1
172B02-64910	61	15 -1
172B02-65100	65	2 -1
172B02-65100-1	65	2 -2
172B02-65350	65	12
172B02-69040	48	1 -1

Parts No.	Fig. No.	Ref. No.
172B02-69040	59	2 -1
172B02-70330	74	2
172B02-70331	174	2
172B02-70360	74	4
	174	4
172B02-70370	74	5
	174	5
172B02-70380	74	9
172B02-70390	74	12
172B02-70900	74	1
172B02-70901	174	1
172B02-70910	74	30
172B02-70960	174	19
172B02-70970	174	20
172B02-73110	72	1
172B02-73180	72	5
172B02-73190	72	6
172B02-73200	72	60
172B02-73800	81	1
172B02-73810	81	2
172B02-73840	81	3
172B02-73850	81	4
172B02-73860	81	5
172B02-73880	81	7
172B02-73890	81	8
172B02-73910	81	6
172B02-74110	141	1
172B02-74120	82	1
172B02-74150	88	13
	147	13
	161	13
172B02-74170	88	20
	147	20
	161	20
172B02-74180	88	1
	147	1
	161	1
172B02-74200	88	5
	147	5
	161	5
172B02-74210	87	2
	146	2
172B02-74230	87	5
	146	5
172B02-74240	87	6
	146	6
	160	5
172B02-74250	87	8
	146	8
	160	7

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B02-74260	87	25
	146	25
	160	25
172B02-74280	87	33
	146	33
	160	33
172B02-74290	86	2
	159	2
172B02-74310	86	9
	159	9
172B02-74320	86	18
	145	3
	159	18
172B02-74340	86	25
	145	10
	159	25
172B02-74350	85	1
	144	1
	158	1
172B02-74370	84	7
	85	8
	143	7
	144	8
	157	7
172B02-74380	158	8
	85	15
	144	15
	158	15
172B02-74400	84	1
	143	1
	157	1
172B02-74420	84	15
	143	15
	157	15
172B02-74440	84	23
	143	23
	157	23
172B02-74450	83	5
	142	5
	156	3
172B02-74470	83	30
	142	30
	155	18
172B02-74490	83	40
	142	40
	155	28
172B02-74500	145	18
	145	26
172B02-74710	85	31
	144	31

Parts No.	Fig. No.	Ref. No.
172B02-74710	158	31
	87	23
	146	23
172B02-74720	146	23
	160	23
	147	26
172B02-74730	161	26
	84	26
	87	36
172B02-74740	143	26
	146	36
	157	26
172B02-74750	160	36
	87	37
	146	37
172B02-74820	160	37
	88	12
	147	12
172B02-74830	161	12
	87	1
	146	1
172B02-74840	87	24
	146	24
	160	24
172B02-74850	86	1
	159	1
	86	16
172B02-74860	145	1
	159	16
	85	14
172B02-74870	144	14
	158	14
	84	14
172B02-74880	143	14
	157	14
	83	3
172B02-74890	142	3
	156	1
	83	29
172B02-74900	142	29
	155	17
	145	17
172B02-74910	102	2
	165	2
	102	2 -1
172B02-76270	165	2 -1
	104	4
	166	5
172B02-76350	104	4 -1
	104	5 -1
	166	5 -1

Parts No.	Fig. No.	Ref. No.
172B02-76370	104	5
	166	6
	104	5 -1
172B02-76370-1	166	6 -1
	107	2
	107	2 -1
172B02-76550	107	3
	107	3 -1
	104	27
172B02-76550-1	93	14
	93	18
	94	13
172B02-76570	102	12
	102	21
	102	13
172B02-76570-1	102	14
	167	23
		23 -1
172B02-77900	167	24
	107	6
	104	25
172B02-78100	166	24
	104	26
	166	25
172B02-78140	112	1
	112	1 -1
	113	1
172B02-78260	113	1 -1
	111	3
	111	3 -1
172B02-78400	111	7
	117	3
	3	2
172B02-78410	1	3
	121	2
	3	7
172B02-78420	124	7
	3	25
	124	25
172B02-78430	2	5
	124	29
	3	15
172B02-78430-1	124	15
	2	8
	3	17
172B02-78970	124	17
	3	19
	124	19
172B03-03140	3	20
	124	20
	124	20

Parts No.	Fig. No.	Ref. No.
172B03-03460	1	12
	123	12
	172	10
172B03-03730	124	23 -1
	1	17
	123	17 A
172B03-03930	172	14
	1	18
	123	17 B
172B03-03940	172	15
	124	26
	130	4
172B03-04200	4	8
	4	9
	121	2 -1
172B03-04400	123	3
	12	1
	5	1
172B03-04410	5	2
	151	1
	151	2
172B03-04790	151	3
	182	1
	130	1
172B03-05250	2	1
	4	1
	179	1
172B03-05310	92	1
	13	1
	119	1
172B03-05360	120	1
	121	1
	121	1 -1
172B03-05400	1	-2
	150	1
	121	3
172B03-05500	150	3
	6	1
	6	2
172B03-05600	15	1
	7	2
	7	3
172B03-07030	7	4
	7	6
	7	7
172B03-08050	7	8
	6	3
	6	5
172B03-08160	6	6
	6	6
	6	8
172B03-08200	6	3
	6	5
	6	6
172B03-08301	6	6
	6	6
	6	8
172B03-08381	6	3
	6	5
	6	6
172B03-08390	6	6
	6	6
	6	8
172B03-08550	6	3
	6	5
	6	6
172B03-08590	6	6
	6	6
	6	8
172B03-08680	6	3
	6	5
	6	6
172B03-08681	6	6
	6	6
	6	8

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B03-11690	6	9
172B03-11700	6	10
172B03-11730	6	12
172B03-11740	6	13
172B03-11851	6	14
172B03-13100	9	3
172B03-13160	11	3
172B03-13180	7	9
172B03-13230	9	8
172B03-13280	9	9
172B03-13290	9	10
172B03-13351	10	1
172B03-13400	10	2
172B03-13401	10	2 -1
172B03-13551	11	9
172B03-13560	11	10
172B03-13570	11	11
172B03-13580	11	12
172B03-13600	12	2
172B03-13700	12	4
172B03-13710	12	5
172B03-13800	11	13
172B03-13900	10	3
172B03-13970	10	5
172B03-13980	10	6
172B03-14150	13	18
172B03-14200	13	20
172B03-14220	13	12
172B03-14230	13	22
172B03-14250	13	13
172B03-14270	13	23
172B03-14300	14	5
172B03-14350	14	6
172B03-14610	14	11
172B03-14770	13	29 -1
172B03-15000	26	3 -4
172B03-15001	26	3 -5
172B03-16010	179	2
	180	1
172B03-16020	181	7
172B03-16030	178	4
172B03-16040	182	5
172B03-16100	15	3
172B03-16120	15	5
172B03-16130	25	1
		9
172B03-16160	15	6
172B03-16170	15	7
172B03-16181	15	8
172B03-16300	15	9

Parts No.	Fig. No.	Ref. No.
172B03-16301	15	9 -1
172B03-16440	15	11
172B03-16490	178	6
	182	7
172B03-16501	15	12
172B03-16502	15	12 -1
172B03-16540	181	8
172B03-16541	181	8 -1
172B03-16550	25	2
172B03-16560	23	1
172B03-16570	23	2
172B03-16580	21	3
172B03-16581	21	3 -1
172B03-16582	21	3 -2
172B03-16620	179	4
	180	3
172B03-16670	132	2
172B03-16680	126	4
	130	11
172B03-16740	23	3
172B03-16741	23	3 -1
172B03-16760	23	4
172B03-16761	23	4 -1
172B03-16880	21	35
172B03-16890	23	5
172B03-16950	19	1
172B03-17000	21	11
172B03-17051	21	12
172B03-17110	21	13
172B03-17255	26	3
172B03-17256	26	3 -1
172B03-17257	26	3 -2
172B03-17259	26	3 -3
172B03-17261	26	4
172B03-17262	26	4 -1
172B03-17290	26	11 -1
172B03-17301	26	5
172B03-17310	26	6
172B03-17320	26	7
172B03-17341	26	12
	126	5
	130	13
172B03-17350	26	5 A
172B03-17360	26	6 A
172B03-17370	26	7 A
172B03-17390	26	13
	130	14
172B03-17460	25	4
172B03-17470	25	5
172B03-17500	39	27

Parts No.	Fig. No.	Ref. No.
172B03-17650	179	9
	180	8
	181	13
172B03-17831	179	10
	180	9
172B03-17851	178	10
	179	11
	180	10
	182	10
172B03-17970	178	11
	182	11
172B03-17990	64	1
172B03-18110	127	4
	130	19
172B03-18220	127	5
	130	20
172B03-18260	127	6
	130	21
172B03-18600	125	4
172B03-18640	125	5
172B03-19570	125	6
172B03-19600	125	7
172B03-19610	130	26
172B03-19710	125	8
172B03-19860	125	9
172B03-19870	125	10
172B03-36300	79	85 -1
172B03-36350	27	2 -1
172B03-37100	28	1
172B03-37110	28	2
172B03-37150	28	1 -1
172B03-37170	28	2 -1
172B03-37300	29	1
172B03-37320	29	4
172B03-37700	28	14
172B03-37780	28	17
172B03-37840	28	18
172B03-37850	28	19
172B03-38600	31	1
172B03-44201	32	1
172B03-44231	32	2
172B03-44600	122	1
172B03-44610	122	3
172B03-44650	122	4
172B03-44700	122	9
172B03-44710	122	11
172B03-44750	122	12
172B03-45010	148	1
172B03-45050	148	2
172B03-45070	148	3

Parts No.	Fig. No.	Ref. No.
172B03-45100	34	2
172B03-45150	34	5
172B03-45200	35	2
172B03-45250	35	6
172B03-45300	35	7
172B03-45320	35	8
172B03-45350	135	2
172B03-45400	34	8
172B03-45450	39	1
172B03-45500	133	2
172B03-45550	134	2
172B03-45580	36	2
172B03-45602	33	1
172B03-45800	39	4
	135	5
172B03-45850	39	5
	135	6
172B03-45900	39	6
	135	7
172B03-45950	39	9
	135	10
172B03-45990	39	10
	135	11
172B03-46010	38	1
172B03-46060	38	2
172B03-46100	41	2
172B03-46200	41	6
	136	6
172B03-46310	41	8
	136	8
172B03-46350	41	9
	136	9
172B03-46400	41	10
172B03-46550	137	10
172B03-46600	137	14
172B03-46630	137	17
172B03-46650	137	18
172B03-46670	137	19
172B03-46750	137	20
172B03-46790	137	24
172B03-46800	137	25
172B03-46810	37	2
172B03-46900	137	26
172B03-50100	42	1
172B03-50101	42	1 -1
172B03-50760	50	1
172B03-53320	118	2
	121	5
	150	5
172B03-53410	118	5

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B03-53410	121	8
	150	8
172B03-54800	44	5
172B03-57630	45	3 A
172B03-57640	45	3 B
172B03-61010	51	1
172B03-61050	47	1
172B03-61070	47	2
172B03-61090	47	3
172B03-61110	52	1
172B03-61200	47	4
172B03-61200-1	47	4 -1
172B03-61230	47	8
172B03-61230-1	47	8 -1
172B03-61260	47	12
172B03-61260-1	47	12 -1
172B03-61320	53	1
172B03-61380	54	1
172B03-61400	49	1
172B03-61410	49	2
172B03-61440	49	5
172B03-61450	47	6
172B03-61460	47	10
172B03-61470	47	14
172B03-61480	47	7
172B03-61490	47	15
172B03-61540	47	19
		20
172B03-61540-1	47	19 -1
		20 -1
172B03-61610	46	1
172B03-61610-1	46	1 -1
172B03-61810	48	2
172B03-61820	48	3
172B03-61830	48	4
172B03-61851	92	31
172B03-61870	92	32
172B03-61950	48	6
172B03-61960	48	7
172B03-62050	55	1
	129	1
	138	1
	139	1
172B03-62100	55	2
	138	2
172B03-62110	138	3
172B03-62120	55	3
172B03-62200	55	4
	138	4
172B03-62400	129	2

Parts No.	Fig. No.	Ref. No.
172B03-62400	130	27
	139	2
172B03-62500	55	5
	129	3
	138	5
	139	3
172B03-62700	55	6
	129	4
	138	6
	139	4
172B03-62800	129	5
	139	5
172B03-62810	139	6
172B03-62820	129	6
172B03-62860	62	7
172B03-63050	57	6
172B03-63110	56	1
172B03-63120	56	2
172B03-63130	56	3
172B03-63210	57	7
172B03-63220	57	8
172B03-63270	57	9
172B03-63400	58	1
172B03-63450	58	4
	127	11
	130	28
172B03-63500	57	10
172B03-63501	57	10 -1
172B03-63610	56	1 -1
172B03-63620	56	2 -1
	140	4
172B03-63630	56	3 -1
172B03-63710	57	7 -1
172B03-63720	57	8 -1
172B03-63770	57	9 -1
172B03-64010	60	6
172B03-64020	60	7
172B03-64030	60	8
172B03-64040	60	9
172B03-64070	59	4
172B03-64080	59	5
172B03-64090	60	6 -1
172B03-64100	60	7 -1
172B03-64190	58	5
172B03-64200	58	2
172B03-64201	58	2 -1
172B03-64202	58	2 -2
172B03-64203	58	2 -3
172B03-64450	58	11
172B03-64500	59	3

Parts No.	Fig. No.	Ref. No.
172B03-64510	59	6
172B03-64570	59	7
172B03-64601	59	10
172B03-64650	59	11
172B03-64670	59	13
172B03-64700	63	1
172B03-64780	64	3
172B03-64831	60	4
172B03-64832	60	4 -1
172B03-64850	60	5
172B03-64960	60	11
172B03-64990	62	3
172B03-65100	65	2
172B03-65170	65	7
172B03-65200	65	8
172B03-65250	65	9
172B03-65290	65	10
172B03-65310	65	11
172B03-65320	65	4
172B03-65330	65	5
172B03-65340	65	6
172B03-65350	70	1
	128	1
172B03-65391	65	13
172B03-65410	66	1
172B03-65600	67	1
172B03-65600-1	67	1 -1
172B03-65660	67	4
172B03-65670	67	5
172B03-65680	67	6
172B03-65780	92	33
172B03-65800	68	1
172B03-65800-1	68	1 -1
172B03-65820	68	5
172B03-65820-1	68	5 -1
172B03-65870	68	4
172B03-65880	68	7
172B03-65890	68	8
172B03-65900	68	10
172B03-65920	70	2
	128	2
172B03-65940	68	9
172B03-65950	68	11
172B03-66170	48	8
	65	15
172B03-67000	69	2 -1
172B03-67100	69	2
172B03-67150	69	3
172B03-67151	69	3 -1
172B03-67360	69	4

Parts No.	Fig. No.	Ref. No.
172B03-67410	119	3
172B03-67510	70	3
	128	3
172B03-67511	70	3 -1
	128	3 -1
172B03-67760	69	11
172B03-67810	70	4
172B03-67910	128	4
172B03-68720	17	8
		8 -1
172B03-70100	73	1
172B03-70101	173	1
172B03-70130	73	11
		14
	173	11
		14
172B03-70140	73	2
172B03-70150	73	3
	173	3
172B03-70160	73	4
	173	4
172B03-70170	73	5
172B03-70171	173	5
172B03-70180	73	6
	173	6
172B03-70240	73	7
	173	7
172B03-70250	73	8
	173	8
172B03-70260	73	9
	173	9
172B03-70270	73	12
	173	12
172B03-70280	73	15
172B03-70290	73	18
172B03-70320	74	7
		29
	174	7
		18
172B03-70340	74	3
	174	3
172B03-70370	74	8
	174	8
172B03-70420	74	20
	174	9
172B03-70430	74	21
	174	10
172B03-70440	74	22
	174	11
172B03-70450	74	23

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B03-70450	174	12
172B03-70460	74	24
	174	13
172B03-70470	74	25
	174	14
172B03-70480	74	26
	174	15
172B03-70490	74	27
	174	16
172B03-70500	75	1
172B03-70530	75	2
172B03-70540	75	3
172B03-70620	75	4
	175	2
172B03-70630	75	5
	175	3
172B03-70640	75	8
172B03-70650	75	11
172B03-70660	75	14
172B03-70700	76	1
172B03-70701	176	1
172B03-70730	76	2
172B03-70731	176	2
172B03-70740	76	3
172B03-70760	76	4
	176	4
172B03-70770	76	7
	176	7
172B03-70780	76	10
172B03-70790	76	13
172B03-70800	77	1
172B03-70801	77	1 -1
		1 -2
172B03-70802	177	1
172B03-70840	77	2
172B03-70850	77	3
172B03-70860	77	6
172B03-70861	77	6 -1
172B03-70870	76	6 -2
	176	6
172B03-71100	71	1 -1
172B03-71330	176	10
172B03-71340	176	13
172B03-71360	175	7
172B03-71370	176	3
172B03-71380	175	8
172B03-71410	173	2
172B03-71430	173	15
172B03-71440	173	18
172B03-71600	75	1 -1

Parts No.	Fig. No.	Ref. No.
172B03-71600	75	1 -2
172B03-71601	175	1
172B03-71620	75	2 -1
	175	15
172B03-71630	75	31 A
	175	16
172B03-71640	75	8 -1
	175	17
172B03-72240	73	37
	173	38
172B03-72340	74	42
	75	36
	174	42
	175	35
172B03-72670	74	44
	75	38
	174	44
	175	37
172B03-72900	77	24
	177	27
172B03-73300	79	1
172B03-73320	79	8
172B03-73330	79	13
172B03-73340	79	14
172B03-73350	79	15
172B03-73360	79	16
172B03-73370	79	17
172B03-73410	79	18
172B03-73420	79	37
172B03-73450	79	86
172B03-73460	79	47
172B03-73470	79	49
172B03-73471	79	49 -1
172B03-73480	79	59
172B03-73600	109	1
172B03-74460	164	1
172B03-74490	108	5
	149	8
172B03-74500	148	6
172B03-74530	89	1
172B03-74560	90	1
172B03-74570	162	1
172B03-74590	89	6
	90	6
	152	10
	162	6
172B03-74630	148	14
172B03-74640	162	12
172B03-74650	89	13
172B03-74660	89	14

Parts No.	Fig. No.	Ref. No.
172B03-74660	152	6
172B03-74680	90	15
172B03-74720	91	1
	163	1
172B03-74750	91	2
	163	3
172B03-74770	91	7
	163	8
172B03-74790	91	8
172B03-74800	11	21
172B03-74860	91	3
	163	4
172B03-74870	91	4
	163	5
172B03-74880	91	5
	163	6
172B03-74900	104	1
	166	1
	167	1
172B03-74930	91	9
172B03-75400	92	15
172B03-75450	92	16
172B03-76010	94	1
	96	1
	100	1
	101	1
	105	1
	106	3
	149	2
	168	1
	169	1
172B03-76030	109	3
172B03-76070	95	1
172B03-76071	169	10
172B03-76080	96	15
172B03-76100	94	17
172B03-76110	95	2
	101	5
	103	9
	95	4
172B03-76120	95	8
172B03-76130	95	24
	100	3
172B03-76150	101	10
172B03-76160	95	13
	103	11
172B03-76170	95	15
172B03-76180	105	6
	168	7
172B03-76190	95	17

Parts No.	Fig. No.	Ref. No.
172B03-76220	102	1
	165	1
172B03-76220-1	102	1 -1
	165	1 -1
172B03-76240	169	9
172B03-76310	96	12
172B03-76400	102	3
	165	3
172B03-76410	102	4
	165	4
172B03-76420	102	5
	165	5
172B03-76440	102	6
172B03-76440-N	102	6 -1
172B03-76450	102	7
172B03-76450-N	102	7 -1
172B03-76470	102	8
	165	6
172B03-76470-N	102	8 -1
	165	6 -1
172B03-76511	104	6
172B03-76630	95	19
	169	18
172B03-76840	167	5
172B03-77610	103	26
172B03-77661	103	27
172B03-77710	107	7
172B03-77900	104	15
		15 -1
172B03-78050	58	12
172B03-78110	93	15
172B03-78120	93	16
172B03-78130	93	17
172B03-78160	98	1
172B03-78170	98	2
172B03-78180	99	1
172B03-78181	99	1 -1
172B03-78182	99	1 -2
172B03-78190	99	2
172B03-78200	100	6
172B03-78220	98	3
172B03-78230	98	4
172B03-78240	98	5
172B03-78250	98	6
172B03-78280	100	7
172B03-78290	100	8
172B03-78300	97	1
172B03-78310	93	19
172B03-78320	101	15
172B03-78330	101	16

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B03-78340	101	17
172B03-78350	101	18
172B03-78360	101	19
172B03-78370	101	20
172B03-78380	101	21
172B03-78390	101	22
172B03-78510	94	14
172B03-78520	100	9
172B03-78530	97	2
172B03-78540	97	3
172B03-78550	97	4
172B03-78560	97	5
172B03-78570	97	6
172B03-78600	93	20
172B03-78610	94	15
172B03-78620	97	7
172B03-78630	100	10
172B03-78640	97	8
172B03-78650	97	9
172B03-78690	170	8
172B03-78701	97	10
172B03-78710	170	9
172B03-78720	97	11
172B03-78760	97	12
172B03-78850	149	16
172B03-78860	149	17
172B03-78910	108	14
	149	18
	170	18
172B03-78920	108	15
	149	19
	170	19
172B03-78930	149	20
172B03-78940	149	21
172B03-78950	149	22
172B03-78960	149	23
172B03-79010	106	13
172B03-79020	106	14
172B03-79110	103	16
172B03-79120	103	17
172B03-79121	103	17 -1
172B03-79122	103	17 -2
172B03-79130	103	18
172B03-79140	103	19
172B03-79150	103	20
172B03-79211	105	10
	168	10
172B03-79230	105	11
	168	11
172B03-79241	105	12

Parts No.	Fig. No.	Ref. No.
172B03-79241	168	12
172B03-79250	105	13
	168	13
172B03-79280	169	23
172B03-79290	169	24
172B03-79550	108	6
	149	9
	170	10
172B03-79560	108	28
	149	30
	170	32
172B03-79570	108	7
	149	10
	170	11
172B03-79620	108	16
	170	20
172B03-79640	108	17
	170	21
172B03-79650	108	18
	170	22
172B03-79660	108	19
	170	23
172B03-79670	108	20
	149	24
	170	24
172B03-79690	108	21
	149	25
	170	25
172B03-79720	98	7
172B03-79750	108	22
172B03-79760	108	23
	170	27
172B03-79770	108	24
	149	26
172B03-79780	108	25
	149	27
	170	29
172B03-79811	103	23
172B03-79861	102	15
		16
		22
172B03-79871	102	17
		18
		23
172B03-79950	98	8
172B03-79970	98	9
172B03-81760	73	42
	173	43
172B03-81780	112	8
172B03-81800	112	9

Parts No.	Fig. No.	Ref. No.
172B03-81820	73	43
	112	10
	173	44
172B03-81851	114	2
	183	2
172B03-81871	113	9
172B03-81902	114	3
	183	3
172B03-81920	113	10
172B03-81950	76	29
	176	28
172B03-82601	114	5
172B03-82601-4	114	5 -1
172B03-82621	114	10
	183	10
172B04-03980	121	11
	123	2
	150	2
	172	16
172B04-08790	21	39
172B04-13040	126	2
	127	2
	130	8
		9
172B04-16781	153	3
172B04-16800	21	41
172B04-17920	17	1
172B04-17931	17	1 -1
172B04-46100	136	2
172B04-46400	136	10
172B04-63610	140	3
172B04-63630	140	5
172B04-77400	107	10
172B05-16610	153	1
172B05-74480	160	12
172B05-74730	91	8 -1
	163	2
172B05-77930	167	12
172B11-16540	178	22
	182	21
172B11-18780	127	10
	130	25
172B11-72560	73	28
	74	32
	173	29
	174	28
172B11-76900	116	1 -1
172B16-17170	23	9 -1
172B16-71200	75	22
	76	20

Parts No.	Fig. No.	Ref. No.
172B16-71200	77	11
	175	6
	176	19
	177	12
172B16-71210	77	12
172B16-72090	75	23
	76	21
	176	20
172B16-72140	75	24
	76	22
	77	13
	175	20
	176	21
	177	16
172B16-72150	75	25
	76	23
	77	14
	175	21
	176	22
	177	17
172B16-72340	175	22
172B16-72400	75	10
	175	19
172B16-72430	77	15
	177	18
172B16-72460	73	26
	173	27
172B16-72470	73	27
	173	28
172B16-72540	75	26
172B16-72750	77	16
	177	19
172B16-72760	77	19
	177	22
172B16-72770	174	29
	177	4
172B16-72781	177	7
172B16-72850	177	23
172B16-72860	75	7
	76	9
	77	18
		21
	175	5
	176	9
	177	21
172B16-72870	77	22
	177	25
172B16-72880	77	23
172B16-72881	177	26
172B16-74500	152	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172B16-74510	152	5
172B32-74100	154	1
172B32-74110	160	1
172B32-74120	160	2
172B32-76850	167	6
172B32-76850-1	167	6 -1
172B32-76870	167	7
172B32-76870-1	167	7 -1
172B32-79440	169	26
172B32-79450	169	27
172B33-76520	167	2
172B33-76900	165	7
172B33-76900-N	165	7 -1
172B33-76920	165	8
172B33-76920-N	165	8 -1
172B33-76950	165	9
172B33-76950-N	165	9 -1
172B33-76970	165	10
172B33-76970-N	165	10 -1
172B57-16600	25	12
172B57-17351	17	2 -1
	25	4 -1
172B57-17360	17	2 -1A
	25	4 -1A
172B57-17370	17	2 -1C
	25	4 -1C
172B71-62620	55	1 -1
	129	1 -1
	138	1 -1
	139	1 -1
172B82-65310	65	11 -1
172B82-73310	79	84 A
172B82-82600-1	183	5
184012-59100	14	34
184014-59640	13	29
184015-44680	11	17
184016-55701	14	21
184016-55710	14	24
184016-59300	14	38
194151-57100	18	1
194200-37780	35	1
	137	2
194202-56460	15	21
		22
		40
	23	7
	97	16
	106	1
		2
	131	2

Parts No.	Fig. No.	Ref. No.
194202-56460	132	4
	178	14
	179	14
	180	13
	181	16
	182	14
194440-51620	21	19
194630-42120	28	11
	30	6
194680-51670	11	18
	15	19
		20
	21	20
	132	3
	178	13
	182	13
196420-02310	9	1
198071-57110	23	8
198071-61890	57	5
198153-51700	15	17
198220-61480	47	17
		18
198360-52160	20	4
198535-52110	21	6
198535-52120	21	7
198535-52130	21	8
198535-52170	21	9
1A1030-48250	29	5
1A1040-43900	133	1
1A1040-45890	35	15
	137	4
		5
1A1380-62160	48	16
1A1686-57850	21	19 -1
		21
1A6240-37360	79	2
	80	3
		4
1A6260-27270	179	12
	180	11
	181	14
1A7130-51130	21	5
		5 -1
1A7180-52111	20	1
1A7400-61250	12	9
	92	30
1A7610-62250	60	2
1A7611-86251	17	2
1A7611-86270	17	4
1A8060-84280	56	6 -1

Parts No.	Fig. No.	Ref. No.
1A8060-84280	140	6
1A8110-84210	56	6
1A8240-05110	7	5
1A8275-51670	21	38
1C6281-52310	34	14
	35	21
	39	11
		12
		13
	65	1
	135	12
		13
		14
	137	27
1C6281-52320	137	28
1C7100-99650	5	11
	151	7
1D4103-18300	131	1
1D4103-18301	21	18
1D4105-11950	11	1
1D4105-11990	11	2
1E3030-78370	96	17
1E6740-64200	35	22
	137	29
1E8235-84910	15	18
	21	10 A
1E8490-84130	126	1 -1
		12
	130	31
		32
	178	7
	181	9
	182	8
1E8915-84120	25	6
1E9570-83900	21	10
1N1730-61190	59	1
1RF001-00212	181	1 -1
1RF001-00222	181	1
1RF001-00223	181	1 -2
1RF001-00224	181	1 -3
1RF001-00225	181	1 -4
1RF001-00226	181	1 -5
1RF001-00311	181	4
1RF001-00312	181	4 -1
1RF001-00313	181	4 -2
1RF001-00314	181	4 -3
1RF001-00600	178	1
1RF001-00601	178	1 -1
1RF001-00650	178	1 -2
1RF001-00652	182	2

Parts No.	Fig. No.	Ref. No.
1RF001-00660	182	2 -1
1RF001-00661	182	2 -2
1RF001-00662	182	2 -3
1RF001-93010	179	24
	180	23
1RF001-93410	181	6
1RF001-93550	179	19
	180	18
1RF001-93551	179	19 -1
	180	18 -1
1RF001-93552	179	19 -2
	180	18 -2
1RF001-93553	179	19 -3
	180	18 -3
1RF001-93554	179	19 -4
	180	18 -4
1RF001-93555	179	19 -5
	180	18 -5
1RF001-93556	179	19 -6
	180	18 -6
1RF001-93600	178	23
	182	22
22117-040000	34	15
22117-060000	65	19
	178	16
	182	15
22117-080000	34	16
	35	23
	137	30
		31
22117-100000	5	6
	6	16
	12	11
	72	68
	137	32
22137-050000	26	8
	39	14
		15
		16
	135	15
		16
		17
22137-060000	11	22
	14	42
22137-080000	6	17
	36	3
		4
	41	13
	48	18
	55	7

Parts No. Index

Parts No.	Fig. No.	Ref. No.
22137-080000	59	14
	92	34
	115	22
	122	7
		15
	129	7
	134	3
		4
	136	13
	137	33
	138	7
	139	7
	171	22
22137-100000	5	7
	6	18
	9	12
	10	8
	13	33
	15	24
		25
		26
	17	5
	21	25
	25	7
		10
	35	24
	58	13
	60	12
	70	5
	73	31
	74	35
	75	29
	92	35
		36
	103	29
	104	16
	115	23
	128	5
	166	18
	171	23
	173	32
	174	35
	175	28
22137-120000	50	3
	69	5
	70	6
22137-140000	128	6
	39	17
	92	37
	135	18

Parts No.	Fig. No.	Ref. No.
22137-160000	70	7
	128	7
22137-200000	41	14
	136	14
22157-060000	15	27
	65	20
22157-080000	21	26
	39	18
22157-100000	135	19
	33	2
22157-120000	51	4
	52	4
	55	8
	60	13
	66	3
	129	8
	138	8
	139	8
	73	46
	76	33
	112	14
		15
	113	15
	115	24
	117	10
22157-160000	171	24
	173	47
	176	32
	63	2
	92	21
	72	44
	26	9
	15	28
	178	17
	182	16
	14	43
	15	29
	35	25
	59	15
	137	34
22217-080000	6	19
	9	13
	35	26
	70	8
	73	47
	74	46
		47
		47
	75	40
		41
		41
		12
22217-100000	81	12

Parts No.	Fig. No.	Ref. No.
22217-100000	128	8
	137	35
	173	48
	174	46
		47
22217-120000	175	39
		40
	9	14
		15
		3
22217-140000	27	9
	70	100
	79	9
	128	9
	30	12
22217-160000	92	38
	29	11
	63	3
	69	6
		6 -1
22242-000140	70	10
	128	10
	39	19
	135	20
	41	15
22242-000200	136	15
	103	2
	30	7
	72	45
	103	3
22242-000300	28	12
	79	44
	115	25
	171	25
	81	13
22242-000451	111	8
	115	26
	171	26
	115	27
	171	27
22242-000700	72	46
	30	8
	29	6
	29	7
	41	16
22252-000250	47	23
		24
	65	21
	136	16
	83	20
22252-000300	142	20
22252-000520		
22252-000521		
22252-000620		
22252-000750		
22272-000070		
22312-050100		

Parts No.	Fig. No.	Ref. No.
22312-050100	156	18
	24	16
	41	17
	136	17
22351-030028	72	47
	41	18
	136	18
	92	39
	41	19
22351-035040	48	19
	60	14
	136	19
	5	8
	35	27
22351-060016	137	36
	12	12
	137	37
	89	16
	90	16
22351-060040	152	8
	162	14
	61	8 -2
	65	22
	61	8
22372-080000	61	8 -1
	127	17 -1
	130	38 -1
	13	15
	97	13
22417-200200	100	11
	105	14
	108	27
	149	29
	168	14
22417-250200	169	25
	170	31
	7	10
		11
	97	14
22417-320200	103	21
	127	18 -1
	130	33
	93	21
	93	22
22487-100600	94	16
	97	15
	103	22
	11	23
		24
22853-300161		25
22857-500200		
22859-500160		
22859-500200		
22877-400120		
23000-013000		
23000-070000		
23001-019000		
23001-022000		
23001-025000		
23001-035000		
23001-041000		

Parts No. Index

Parts No.	Fig. No.	Ref. No.
23001-048000	11	26
23001-060000	93	23
23061-050300	14	44
23080-013000	13	34
23080-018000	125	11
	127	18
	130	34
23391-020000	169	20
23871-005000	78	31
23871-010000	96	10
23871-020000	81	14
	96	11
23871-030000	92	22
	94	18
23871-040000	94	19
24101-060024	79	77
24101-060044	79	78
24101-062054	30	9
24101-062064	29	8
24102-062054	30	10
24311-000060	83	21
	142	21
	156	19
24311-000120	84	10
	85	10
	86	27
	88	22
	143	10
	144	10
	145	12
		28
	147	22
	157	10
	158	10
	159	27
	161	22
24311-000160	11	7
	14	25
24311-000180	109	2
24311-000200	83	46
	142	46
	155	35
24311-000210	35	28
	39	20
	133	7
	135	21
	137	38
24311-000480	115	28
	171	28
24315-000050	87	19

Parts No.	Fig. No.	Ref. No.
24315-000050	146	19
	160	19
24315-000070	72	64
24315-000080	22	3
		5
	72	65
	83	22
	85	30
	87	20
	142	22
	144	30
	146	20
	156	20
	158	30
	160	20
24315-000090	84	27
	143	27
	157	27
24315-000100	72	26
	83	23
	84	28
	142	23
	143	28
	156	21
	157	28
24315-000110	72	48
		49
	83	24
		44
	84	11
		25
	85	11
	86	13
		28
	87	21
		35
	88	11
		23
	95	11
	101	9
	105	5
	106	7
	142	24
		44
	143	11
		25
	144	11
	145	13
		29
	146	21

Parts No.	Fig. No.	Ref. No.
24315-000110	146	35
	147	11
		23
	155	13
		32
	156	22
	157	11
		25
	158	11
	159	13
		28
	160	21
		35
	161	11
		23
	169	5
	171	42
	177	3
24315-000120	72	50
	79	10
24315-000140	79	11
	83	25
	86	14
	93	7
		10
	94	8
		10
	95	22
	142	25
	145	30
	155	14
	156	23
	159	14
24315-000180	73	30
	74	34
	75	28
	83	26
	95	7
	142	26
	156	24
	173	31
	174	34
	175	26
24315-000200	89	21
	90	19
	91	6
	148	20
	152	21
	162	20

Parts No.	Fig. No.	Ref. No.
24315-000200	163	7
24315-000210	103	4
24315-000240	103	8
24315-000250	103	5
24315-000560	81	9
24315-000750	81	10
24319-000110	96	11 C
	168	4
	169	7
		13
		17
		20 A
	170	4
		6
	176	24
24319-000140	169	11
		15
24319-000180	166	3
		10
		17
	167	4
		11
24321-000300	28	13
24321-000400	72	69
24321-000650	14	26
24321-001050	92	23
24325-000400	28	21
24325-000550	72	66
24325-000700	81	11
24341-000300	92	24
24550-014150	133	5
	135	4
		9
	137	23
24550-025150	78	19
24761-020000	28	20
	34	17
	35	29
	41	5
	73	32
		48
	112	16
	113	16
	114	11
		12
	115	29
	117	11
	136	5
	137	39
	171	29

Parts No. Index

Parts No.	Fig. No.	Ref. No.
24761-020000	171	30
		31
	173	33
		49
	183	11
24761-040000		12
	35	30
	74	36
	75	30
	110	7
	112	17
	113	17
	117	12
	174	36
	175	29
24761-050000	76	25
	78	32
	176	25
26013-060122	10	9
	11	27
		28
	18	2
	21	27
26013-060162		28
	59	9
	92	40
	11	29
	14	45
26013-060202	21	29
26013-060302	89	23
	90	21
26013-080122	48	12
		13
26013-080162	6	20
	11	30
	12	13
	13	35
	14	46
	15	30
		31
	21	30
	35	31
	36	5
		6
	37	3
	39	21
	55	9
	58	14
		15
	60	15

Parts No.	Fig. No.	Ref. No.
26013-080162	91	10
	106	16
		17
	115	30
	129	9
	133	8
	134	5
		6
	135	22
	137	40
		41
	138	9
	139	9
	163	9
	171	51
26013-080202		52
		53
	178	18
	179	16
	180	15
	181	18
	182	17
	34	18
	21	31
	106	18
26013-080252	171	54
	11	31
	10	10
	25	8
		11
26013-080302	82	2
	92	41
	102	19
		24
	141	2
26013-100162	154	2
	5	9
	6	21
	13	36
	14	47
	15	32
		33
		34
		35
	17	6
	19	2
	21	32
	33	3
	35	32
	39	22
26013-100202		2
		4
		11
		16
		16
		22
		40
		41
		9
		9
		9
		12
		16
		17
		51

Parts No.	Fig. No.	Ref. No.
26013-100202	47	25
	50	4
	57	11
	60	16
	91	11
	92	42
	96	13
	108	8
	109	4
	115	31
	135	23
	149	11
	164	2
	170	12
	171	32
26013-100252	9	16
	19	3
	33	4
	51	5
	52	5
	66	4
	68	12
	76	34
	93	11
	117	13
	119	5
	167	16
	176	33
	9	17
	55	10
26013-100302	71	2
	72	70
	129	10
	138	10
	139	10
	7	12
	28	24
	81	16
	10	11
	102	20
	71	3
	104	17
	166	19
	167	17
	103	6
26013-100552	103	30
	104	18
	166	20
	167	18
	58	16
26013-100702		

Parts No.	Fig. No.	Ref. No.
26013-100852	10	12
	98	10
	112	18
	50	5
	73	49
26013-120202	103	24
	104	19
	112	19
		20
		21
	113	18
	173	50
	69	7
		8
	76	35
26013-120252	79	85
	115	32
	117	14
	167	19
	171	33
26013-120302	176	34
	27	2
	46	2
	72	71
	44	6
26013-120352	104	20
	104	21
	104	22
	6	22
	21	33
26013-120402	23	10
	21	34
	23	11
	26	10
	62	4
	178	19
		20
	179	17
		18
	180	16
		17
	181	19
		20
	182	18
		19
26014-060122	38	3
		4
	148	22
	152	23
	162	22
26014-060162		
26014-060202		
26014-060352		

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26014-080162	11	32
	23	12
	59	16
	107	11
	125	12
26014-080202	23	13
	39	23
	92	25
		26
	125	13
26014-080252		14
	135	24
	7	13
	107	5
	47	26
26014-100202		27
	48	14
	55	11
	58	17
	65	23
	103	31
	104	23
	107	8
	127	14
		15
	129	11
	130	35
		36
	138	11
	139	11
26014-100252	167	20
	17	6 -1
		6 -2
	41	20
		21
	47	28
		29
		30
		31
	48	20
	53	2
	54	2
	58	18
	59	17
	60	17
	63	4
	64	5
	65	24
		25
	67	7

Parts No.	Fig. No.	Ref. No.
26014-100252	68	13
		14
		15
		16
	70	11
		12
	98	11
	102	9
	107	8 -1
	128	11
		12
	136	20
		21
	151	5
	165	11
26014-100302	102	10
	165	12
26014-100452	167	21
26014-100502	104	17 -1
	166	19 -1
	167	17 -1
26014-120402	104	20 -1
	166	21
	167	22
26014-120502	104	21 -1
	166	22
26014-120702	104	22 -1
	166	23
26022-050122	13	16
26023-050102	47	32
		33
26051-080002	34	19
	35	33
	137	42
26076-100162	74	37
	75	31
	174	37
	175	30
26076-100252	73	50
	74	48
	75	42
	173	51
	174	48
	175	41
26076-100302	70	13
	128	13
26076-100352	70	13 -1
	81	15
	128	13 -1
26076-120352	9	18

Parts No.	Fig. No.	Ref. No.
26076-120452	70	14
	128	14
26076-160552	69	9
		9 -1
	70	15
26106-080162	128	15
	61	27
		28
	127	16
	130	37
26106-080302	14	48
	32	3
	122	17
26106-100122	42	3
	77	25
	177	28
26106-100162	49	6
		7
		8
		9
		10
	61	29
26106-100252	61	30
26106-100652	6	23
26116-050202	26	11
26116-080204	137	43
26116-080252	39	24
	115	33
	135	25
	171	34
26116-080254	35	34
	39	24 -1
	135	25 -1
	137	44
26116-080304	34	20
26116-080702	14	49
26116-100162	73	51
	74	49
	75	43
	173	52
	174	49
	175	42
26116-100202	35	35
	137	45
26116-100752	114	13
	183	13
26116-100802	115	34
	171	35
26116-140352	92	43
26116-140652	30	13

Parts No.	Fig. No.	Ref. No.
26116-160352	63	5
26116-160502	118	6
	121	9
	150	9
26206-141502	111	9
26347-080002	122	8
		16
26347-100002	48	15
	65	26
26367-100002	13	37
26450-050102	84	12
	85	12
	86	29
	88	24
	143	12
	144	12
	145	14
		31
	147	24
	157	12
	158	12
	159	29
	161	24
26450-050182	84	13
	85	13
	86	30
	88	25
	143	13
	144	13
	145	15
		32
	147	25
	157	13
	158	13
	159	30
	161	25
26450-050302	83	27
	142	27
	156	25
26450-050502	87	22
	146	22
	160	22
26450-060162	178	21
	182	20
26450-060302	78	33
26450-060652	83	28
	142	28
	156	26
26450-120402	71	5
26476-050142	57	12

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26557-050122	68	17
26557-050202	61	31 -1
26559-050202	61	31
26587-040062	39	28
	148	23
26587-040122	34	21
	127	17
	130	38
26657-080002	59	18
26706-100002	6	24
26711-080002	72	51
26716-060002	15	36
		37
26716-080002	15	38
	34	22
	35	36
	83	47
	137	46
	142	47
	155	36
26716-100002	92	27
	114	14
	115	35
	171	36
	183	14
26716-120002	9	19
26716-140002	30	14
	111	10
26756-060002	115	36
	171	37
26756-080002	39	25
	135	26
	137	47
26756-140002	148	24
27260-520000	30	11
41800-210040	1	16
41851-000110	76	26
	93	12
	94	2
	96	2
		7
		14
		16
	100	2
	101	2
		4
		13
	105	2
		7
		9

Parts No.	Fig. No.	Ref. No.
41851-000110	106	4
	108	4
	149	3
		7
	168	2
		6
		8
	169	2
	177	15
41851-000140	95	3
		5
		9
		14
		16
		20
		23
		25
	100	4
	101	6
		11
	103	10
		12
	169	19
41851-000180	93	3
	95	18
	101	14
	104	24
933110-54100	34	23
	35	37
	39	26
	135	27
	137	48
933111-23600	28	22
933147-03400	73	52
	74	50
	75	44
	173	53
	174	50
	175	43
933147-08501	118	7
	121	10
	150	10
933152-02710	92	28
933166-24240	125	15
	130	39
933168-14170	73	53
	74	51
	75	45
	173	54
	174	51

Parts No.	Fig. No.	Ref. No.
933168-14170	175	44
933171-13691	28	23
	29	9
933171-15801	15	39
933171-18750	68	18
933171-29751	114	15
	115	37
	117	15
	171	38
		39
	183	15

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

0CB10-M80500EN

Precautions

1. Some of the illustrations in this parts catalog are simplified.
2. Depending on the specifications of your product, the actual product and parts catalog may not match.
3. Please use genuine parts when repairing the product.
4. When ordering spare parts, please confirm the specifications (model name, serial number, part number, quantity, etc.) and confirm with your distributors or dealers.
5. Please refer to the user manual or service manual for information on how to replace parts, technical information, and other related details.
6. If you are using a booklet or PDF parts catalog, you must verify the latest information via the online parts catalog.

Disclaimer

1. Our company will not assume any responsibility for the matters stipulated in each of the following items.

- 1) The contents provided in this parts catalog may not correspond with the latest products due to changes in regulations, product specifications, or other amendments.
- 2) The illustrations of the products listed in this parts catalog (including 3D images) are for image purposes only and may differ from the actual product and specifications.
- 3) This parts catalog does not guarantee conformity to the customer's requirements.
- 4) In addition to the previous items, we do not guarantee the accuracy, completeness, assurance, applicability, usefulness, availability, safety or reliability of this parts catalog.

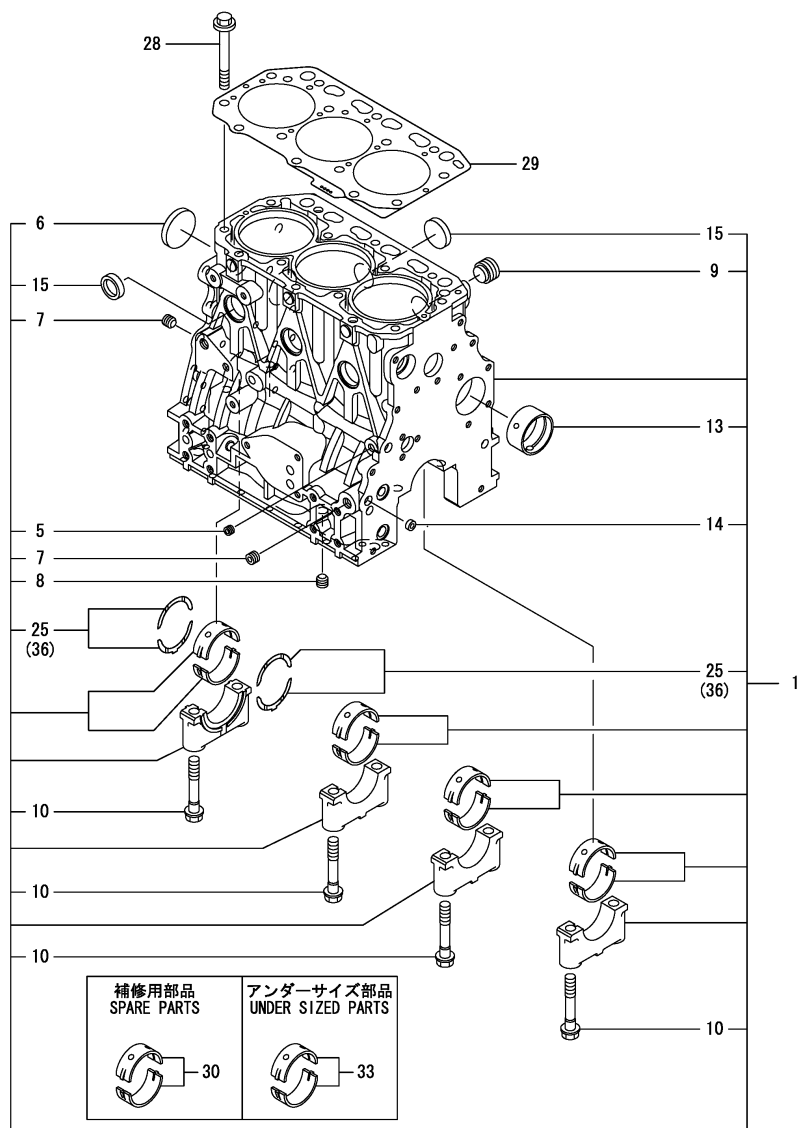
2. Our company assumes no responsibility whatsoever for any damage or disadvantage suffered by customers or others due to the addition, modification, suspension, cancellation, or discontinuation, etc., of the contents of this parts catalog. ("Damages" includes, but is not limited to, loss of opportunities for use of this parts catalog, as well as consequential damages, indirect damages, special damages, future damages and any loss of profits or any other disadvantages or damages.)

3. Customers are requested to use this parts catalog at their own risk. Our company assumes no responsibility whatsoever for any damages incurred by customers or other companies as a result of using or not using this parts catalog.

4. When using this parts catalog, you must comply with the laws and regulations applicable in the country or region in which you use it. Our company assumes no responsibility for any violations of laws and regulations by the customer.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD & SILENCER		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB. OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
13.	FUEL INJECTION VALVE		
14.	STARTER MOTOR		
15.	GENERATOR		
16.	ELECTRONIC CONTROL UNIT(ECU)		
17.	GASKET SET		



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
5	2	124060-01050	PLUG, PT1/8	1							
6	2	129001-01250	PLUG, DISH TYPE 50	1							
7	2	124160-01910	PLUG, PT1/4	2							
8	2	124160-01910	PLUG, PT1/4	1							
9	2	171051-01921	PLUG, NPTF1	1							
10	2	129150-02020	BOLT, METAL CAP	8							
13	2	129795-02412	BUSH, CAMSHAFT	1							
14	2	27241-120000	PLUG, 12	2							
15	2	27241-300000	PLUG 30	6							
25	2	129150-02931	BEARING ASSY, THRUST	2							
28	1	129150-01200	BOLT, CYLINDER HEAD	14							
29	1	129001-01340	GASKET, HEAD	1							
30	1	129001-02931	BEARING ASSY, MAIN	4							1
33	1	129150-02871	BEARING ASSY, MAIN	4							2
36	1	129150-02941	BEARING, THRUST 0.25	1							

Remarks
(1) Spare parts.
(2) Under-sized (U.S.=0.25) parts.
(3) Over-sized (O.S.=0.25) parts.

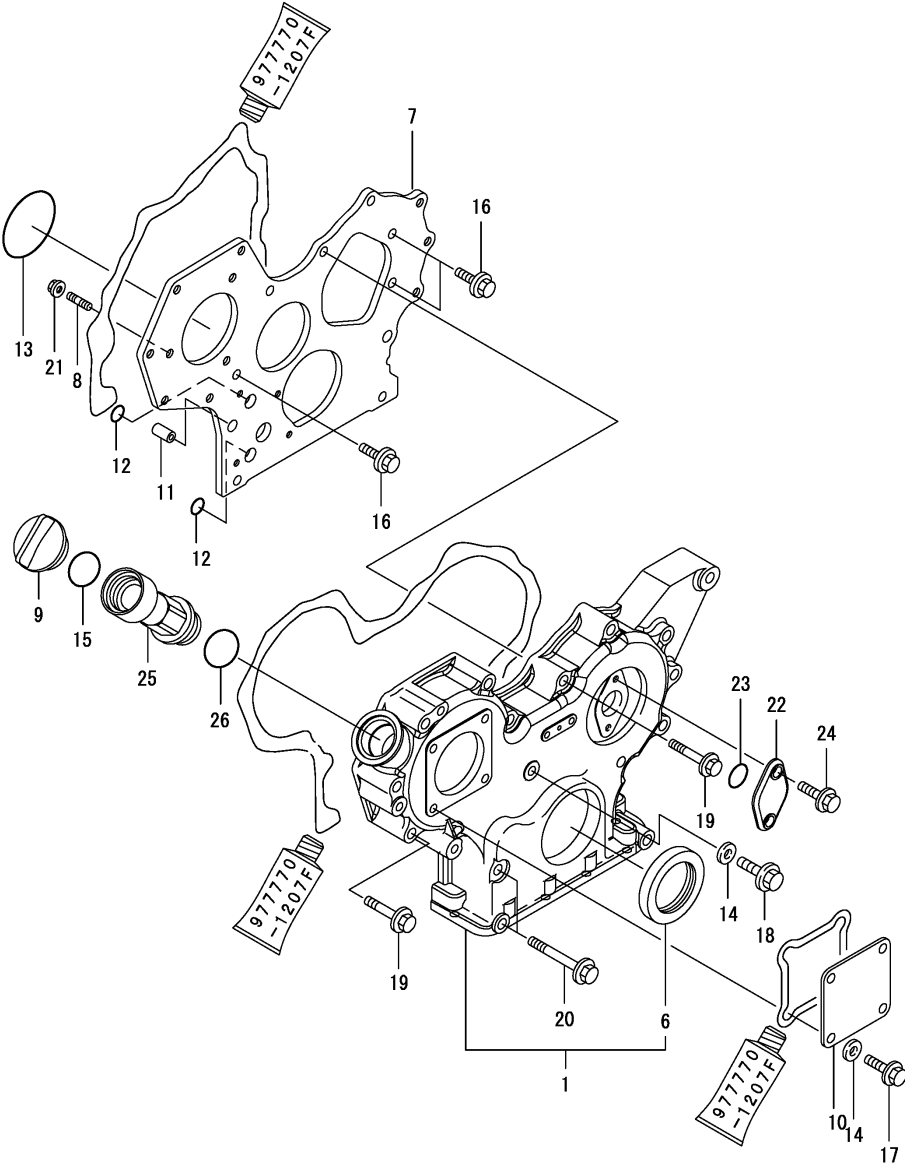
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

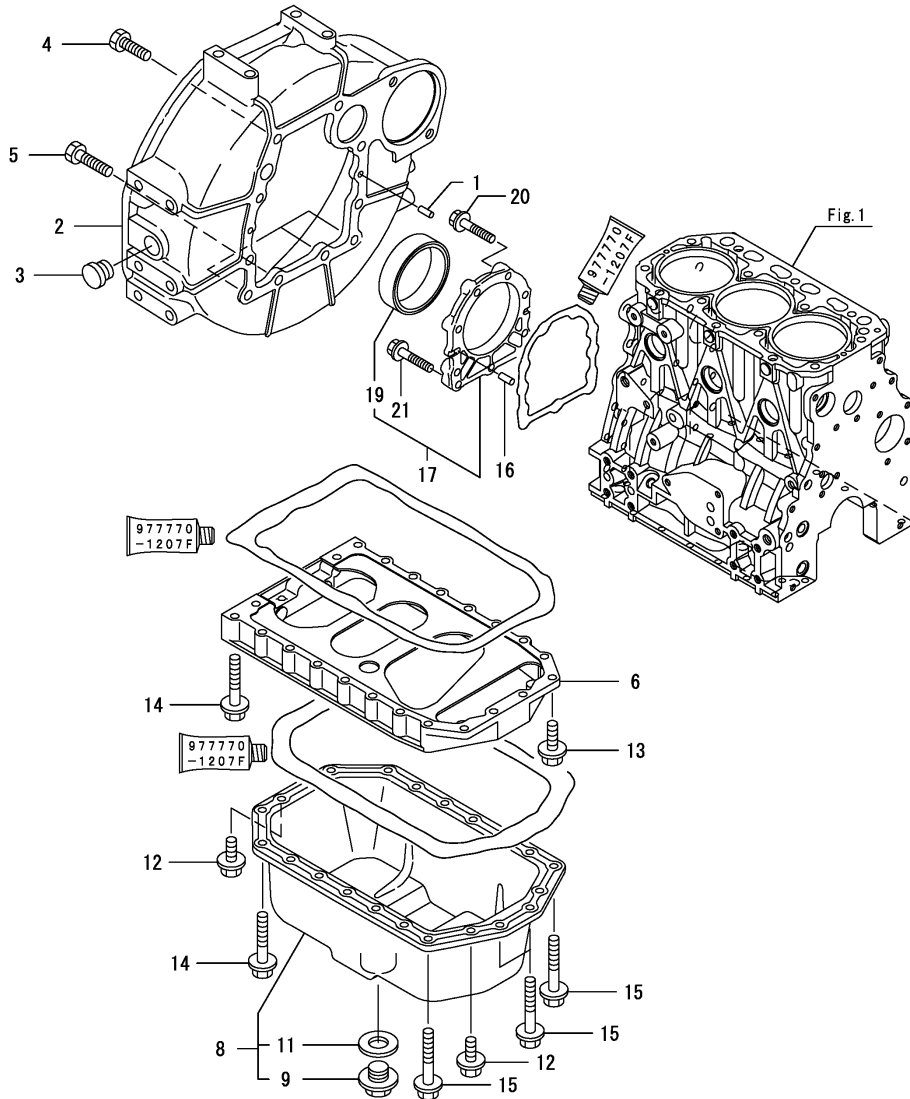
Fig.2. GEAR HOUSING

(A)=3TNV88F-ESBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729630-01500	CASE ASSY, GEAR	1							
6	2	119934-01800	SEAL, OIL	1							
7	1	119803-01520	FLANGE, GEAR CASE	1							
8	1	119802-01561	BOLT, STUD M8X25	3							
9	1	124160-01751	CAP, FILLER	1							
10	1	124240-01871	COVER, PUMP	1							
11	1	129795-01950	PIPE, DOWEL L=18	2							
12	1	119609-32040	O-RING, P16	2							
13	1	121850-51960	O-RING	1							
14	1	22190-080002	WASHER, SEAL 6	5							
15	1	24311-000320	O-RING, 1AP32.0	1							
16	1	26106-080162	BOLT, M8X 16 PLATED	3							
17	1	26106-080162	BOLT, M8X 16 PLATED	4							
18	1	26106-080302	BOLT, M8X 30 PLATED	1							
19	1	26106-080552	BOLT, M8X 55 PLATED	12							
20	1	26106-080852	BOLT, M8X 85 PLATED	3							
21	1	26306-080002	NUT, M8	3							
22	1	121023-01551	COVER	1							
23	1	24341-000240	O-RING, 1AS24.0	1							
24	1	26106-060162	BOLT, M6X 16 PLATED	2							
25	1	171031-11741	PIPE	1							
26	1	24311-000320	O-RING, 1AP32.0	1							





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL-PAN	1							
8	1	129136-01780	OIL PAN ASSY	1							
9	2	119640-01640	PLUG, DRAIN M22	1							
11	2	22190-220002	WASHER, SEAL 22	1							
12	1	26106-080162	BOLT, M8X 16 PLATED	4							
13	1	26106-080252	BOLT, M8X 25 PLATED	2							
14	1	26106-080452	BOLT, M8X 45 PLATED	16							
15	1	26106-080502	BOLT, M8X 50 PLATED	4							
16	1	129100-01580	PIN, PARALLEL 8X16	2							
17	1	129100-01640	CASE ASSY, OIL SEAL	1							
19	2	129795-01780	SEAL, OIL	1							
20	1	129486-01670	BOLT, M8X30	6							
21	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET

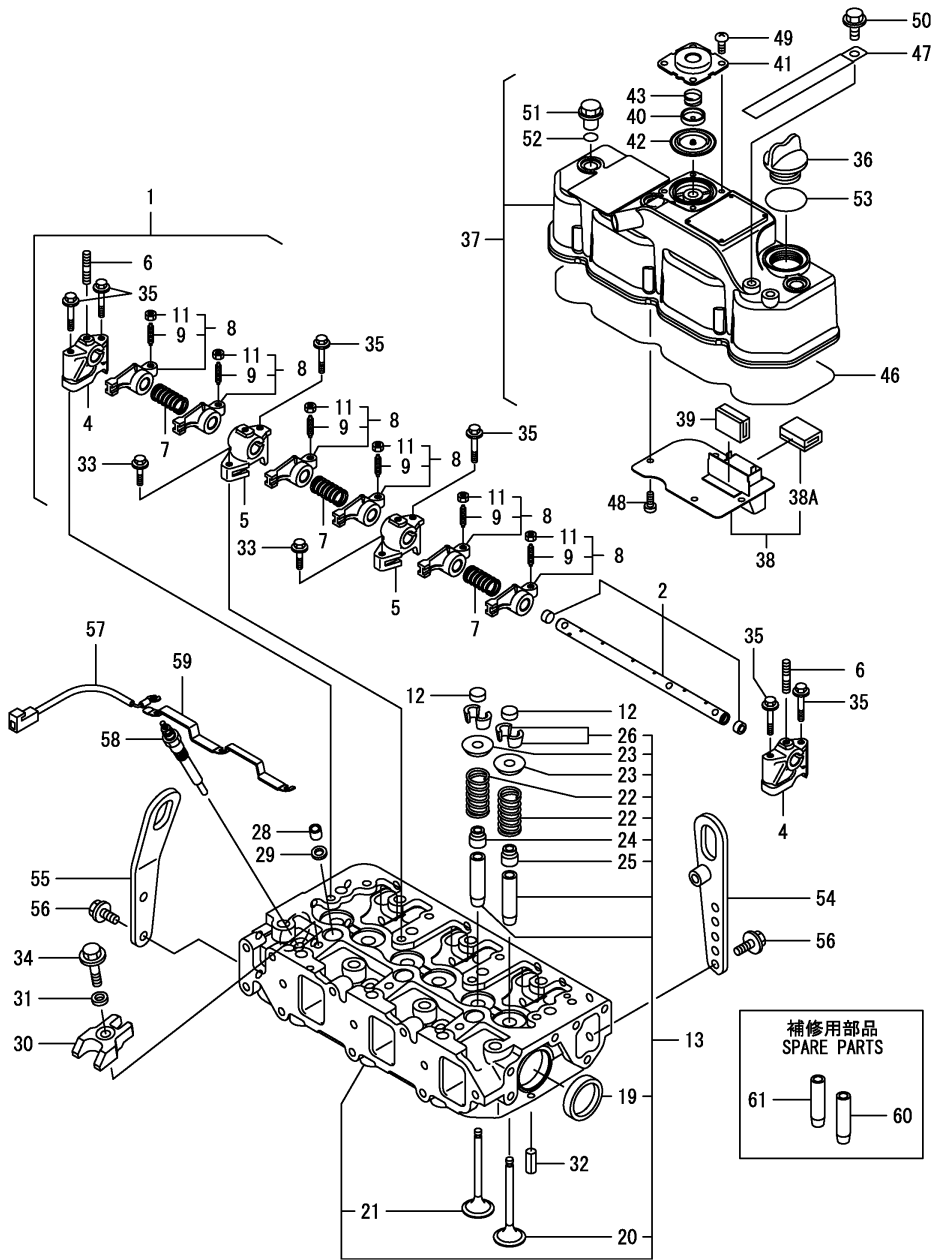
(A)=3TNV88F-ESBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-11241	SHAFT ASSY, ROCKER	1							
2	2	129004-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	26226-080182	STUD, M8X 18	3							
7	2	129150-11280	SPRING, SHAFT	3							
8	2	129004-11650	ARM ASSY, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8XP1.0	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129017-11700	HEAD ASSY, CYLINDER	1							
19	2	27241-400000	PLUG, 40	2							
20	2	129005-11100	VALVE, INTAKE	3							
21	2	129100-11112	VALVE, EXHAUST	3							
22	2	129795-11120	SPRING, VALVE	6							
23	2	129795-11180	RETAINER, SPRING	6							
24	2	121400-11340	SEAL, VALVE STEM	3							
25	2	124460-11340	SEAL, VALVE STEM	3							
26	2	27310-080001	COTTER, 8	6							
28	1	119802-11870	PROTECTOR, NOZZLE	3							
29	1	119625-11880	SEAT, NOZZLE	3							
30	1	129004-11900	RETAINER, NOZZLE	3							
31	1	120270-54410	WASHER, INJECTOR	3							
32	1	22351-060012	PIN, SPRING 6.0X12	2							
33	1	26106-080252	BOLT, M8X 25 PLATED	2							
34	1	26106-080352	BOLT, M8X 35 PLATED	3							
35	1	26106-080502	BOLT, M8X 50 PLATED	6							
36	1	124160-01751	CAP, FILLER	1							
37	1	129017-11350	BONNET ASSY, HEAD	1							
38	2	129004-03010	PLATE, BAFFLE	1							
38A	3	119802-03070	BAFFLE, BREATHER	1							
39	2	129150-03070	BAFFLE, BREATHER	1							
40	2	119802-03110	PLATE, DIAPHRAGM	1							
41	2	119802-03121	COVER, DIAPHRAGM	1							
42	2	119802-03130	DIAPHRAGM, BREATHER	1							
43	2	119802-03141	SPRING, DIAPHRAGM	1							
46	2	129004-11310	GASKET, BONNET	1							
47	2	129928-79700	CLAMP, 150-M8	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	26106-080102	BOLT, M8X 10 PLATED	1							
51	1	124160-11360	KNOB, BONNET	3							
52	1	24311-000120	O-RING, 1AP12.0	3							
53	1	24311-000320	O-RING, 1AP32.0	1							
54	1	129648-07900	LIFTER, ENGINE	1							
55	1	129930-07910	LIFTER, ENGINE	1							
55-1	1	129017-07910	LIFTER, ENGINE	1							N
(A=2012.11)											
56	1	26106-080162	BOLT, M8X 16 PLATED	4							
57	1	119803-77830	HARNESS, WIRE	1							
58	1	129008-77800	PLUG, GLOW	3							

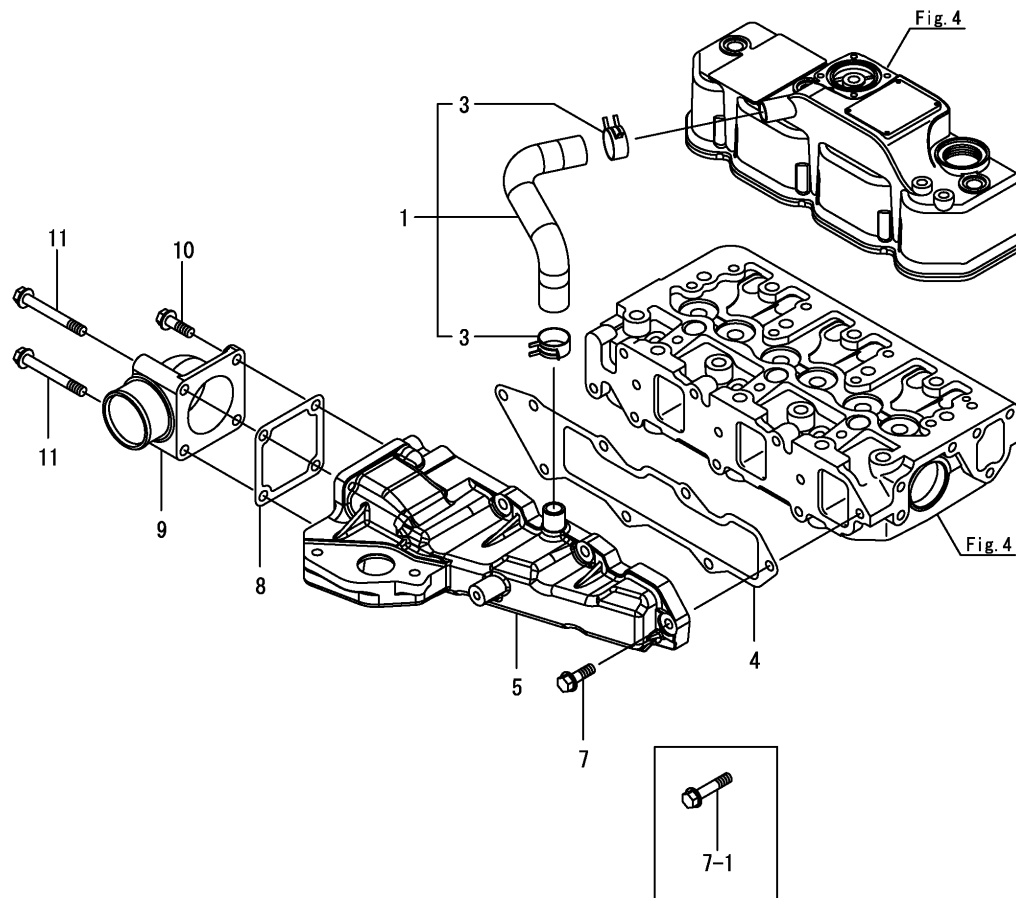
Remarks
(1)Spare parts.

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

				OCB10-M80500 Fig.4							
				(A)=3TNV88F-ESBV	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
						Q'ty					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
59	1	129008-77820	CONNECTOR, GLOW PLUG	1							
60	1	120130-11860	GUIDE, VALVE	3							1
61	1	129150-11810	GUIDE, VALVE	3							1

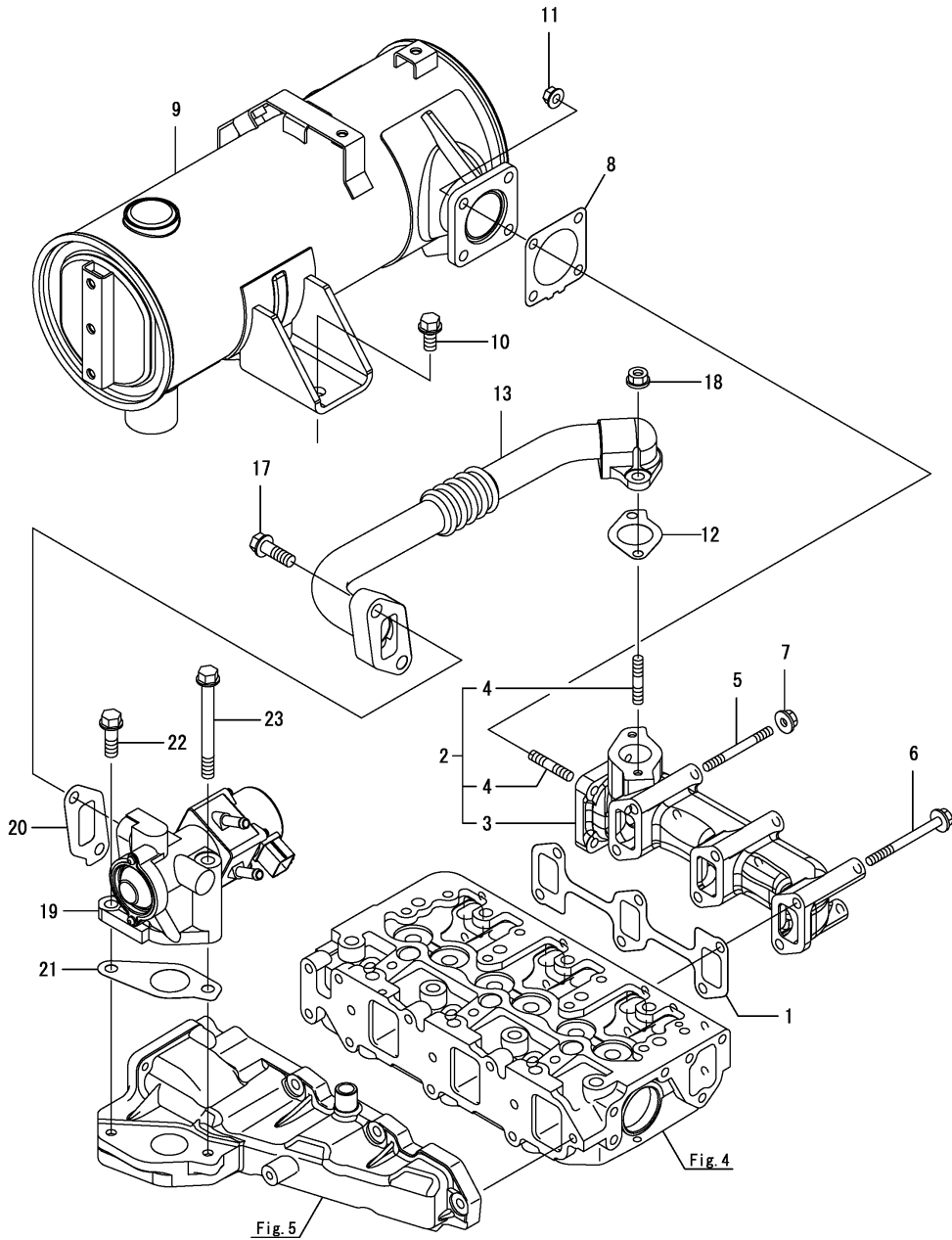


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129017-03120	PIPE ASSY, BREATHER	1							
3	2	129410-03990	CLAMP, HOSE 22	2							
4	1	129017-12110	GASKET, MANIFOLD	1							
5	1	129017-12170	MANIFOLD, INTAKE	1							
7	1	26106-080202	BOLT, M8X 20 PLATED	7							
7-1	1	26106-080252	BOLT, M8X 25 PLATED	7							S
(A="2012.11)											
8	1	129150-77511	GASKET, AIR HEATER	1							
9	1	171340-77520	BEND, AIR HEATER	1							
10	1	26106-080252	BOLT, M8X 25 PLATED	2							
11	1	26106-080652	BOLT, M8X 65 PLATED	2							

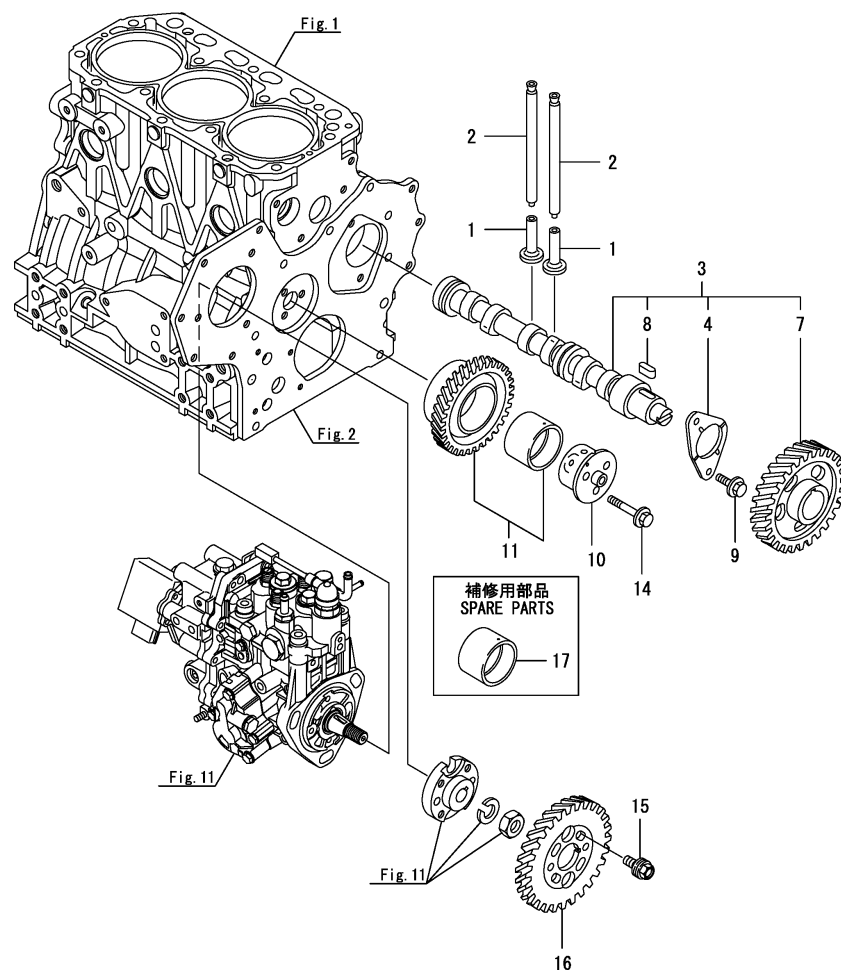
Fig.6. EXHAUST MANIFOLD & SILENCER

(A)=3TNV88F-ESBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-13110	GASKET, EXH.MANIFOLD	1							
2	1	129017-13150	MANIFOLD ASSY,EXH	1							
3	2	129017-13100	MANIFOLD, EXHAUST	1							
4	2	129418-18320	BOLT, STUD M8X20	6							
5	1	123900-13610	BOLT, STUD M8X80	2							
6	1	123900-13630	BOLT, M8X80	4							
7	1	26306-080002	NUT, M8	2							
8	1	129004-13200	GASKET, SILENCER	1							
9	1	129237-13500	SILENCER	1							
10	1	26106-100202	BOLT, M10X 20 PLATED	2							
11	1	26306-080002	NUT, M8	4							
12	1	129927-13810	GASKET	1							
13	1	129017-13880	PIPE ASSY, EGR	1							
17	1	26106-100302	BOLT, M10X 30 PLATED	2							
18	1	26306-080002	NUT, M8	2							
19	1	129017-13900	VALVE, EGR	1							
20	1	129927-13910	GASKET, EGR	1							
21	1	129927-13920	GASKET, EGR	1							
22	1	26106-100302	BOLT, M10X 30 PLATED	1							
23	1	26106-100952	BOLT, M10X 95 PLATED	1							

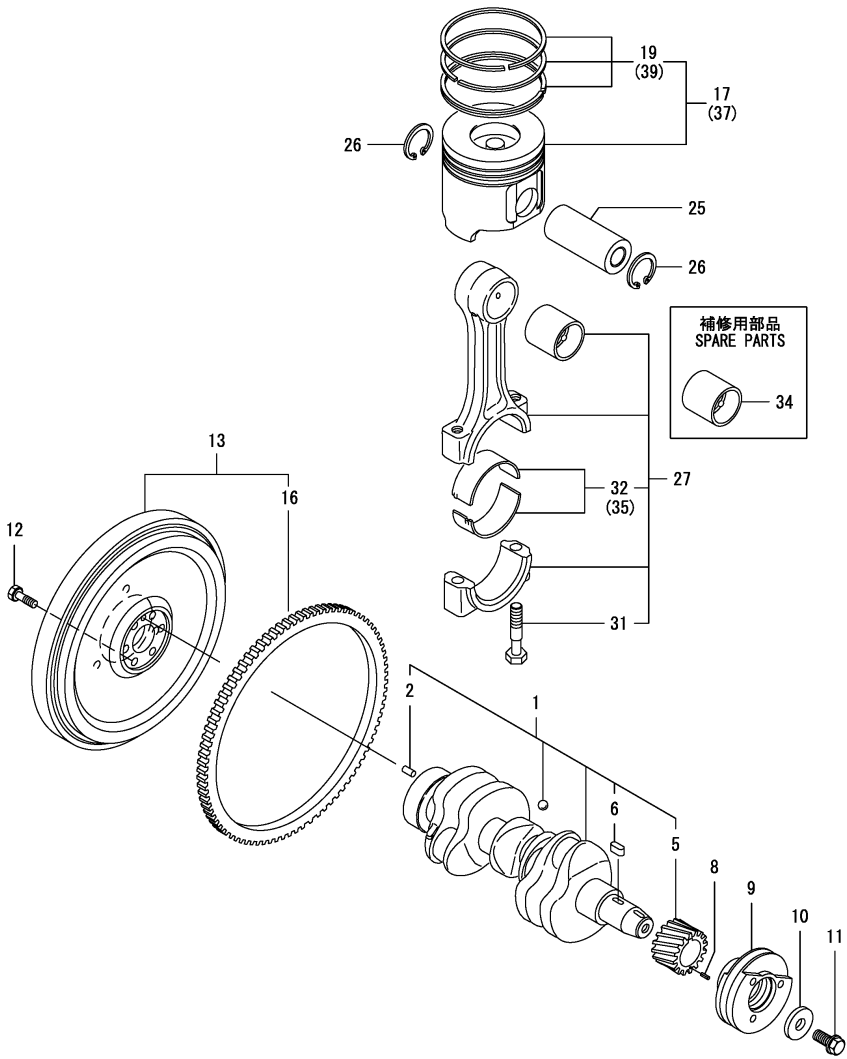


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	PUSH-ROD, L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	26106-080142	BOLT, M8X 14 PLATED	2							
10	1	119803-25050	SHAFT, IDLE	1							
11	1	119802-25101	GEAR ASSY, IDLE	1							
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	129150-25301	BOLT	4							
16	1	119802-25901	GEAR, PUMP	1							
17	1	119802-25071	BUSH, IDLE GEAR	1							1

Remarks
(1) Spare parts.

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
Copyright (C) YANMAR GLOBAL CS CO., LTD. All RightsReserved.

Fig.8. CRANKSHAFT & PISTON

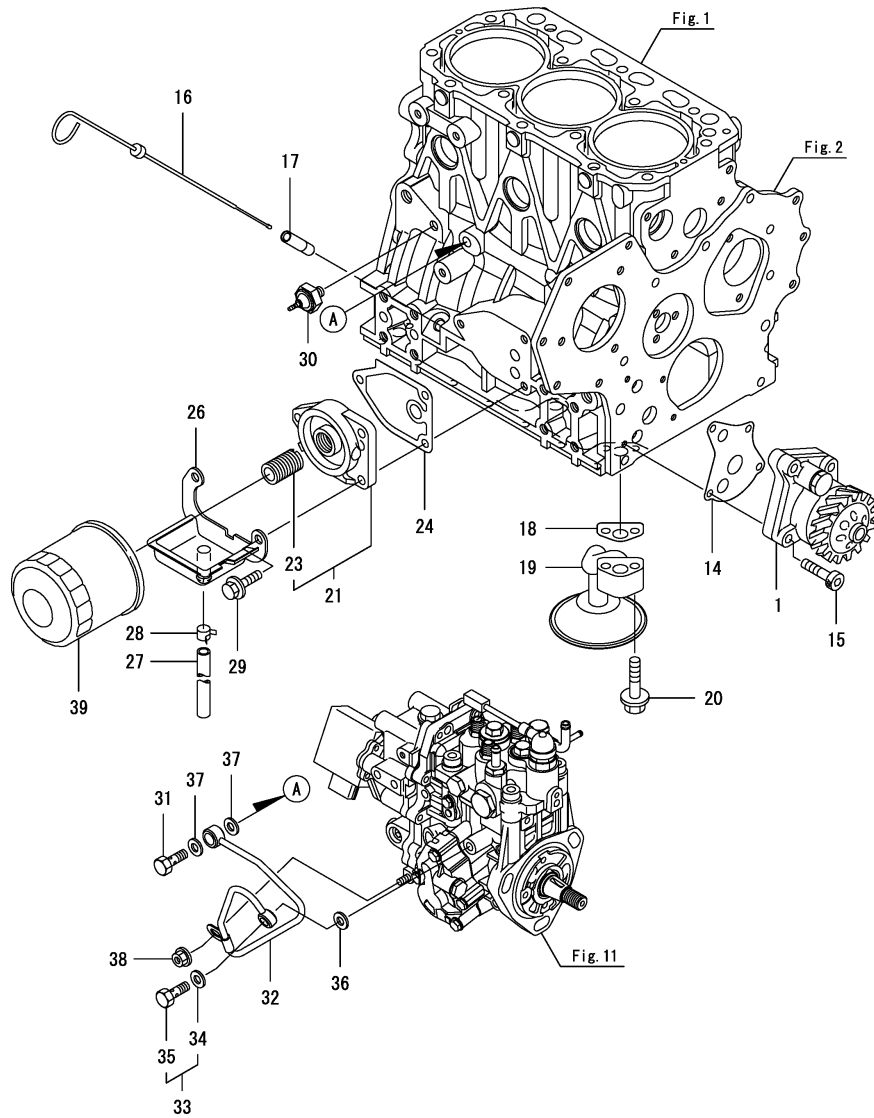


Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV88F-ESBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
5	2	119803-21200	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-030010	PIN, SPRING 3.0X10	1							
9	1	129004-21650	V-PULLEY, CRANK 110	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	129128-21590	FLYWHEEL ASSY	1							
16	2	119865-21600	GEAR, RING Z=116	1							
17	1	129005-22080	PISTON ASSY	3							
19	2	129005-22500	RING SET, PISTON	3							
25	1	129202-22300	PIN, PISTON D26 L70	3							
26	1	22252-000260	RING, 26	6							
27	1	729402-23100	ROD ASSY, CONNECTING	3							
31	2	121550-23200	BOLT, CONNECTING ROD	6							
32	2	129150-23601	BEARING, CRANK PIN	3							
34	1	129100-23910	BEARING, PISTON PIN	3							1
35	1	129150-23611	BEARING, 0.25 US	3							2
37	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
39	2	129005-22950	RING SET, 0.25 OS	3							3



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	129004-34802	DIPSTICK	1							
17	1	121520-34810	GUIDE, DIPSTICK	1							
18	1	129150-35042	GASKET	1							
19	1	129100-35301	PIPE ASSY, OIL INLET	1							
20	1	26106-080352	BOLT, M8X 35 PLATED	2							
21	1	119802-35100	BRACKET ASSY, FILTER	1							
23	2	129100-35140	BOLT, STUD	1							
24	1	129150-35111	GASKET	1							
26	1	129240-35800	SUMP, OIL	1							
27	1	23065-120230	PIPE, 12X 230	1							
28	1	23080-014000	CLAMP, 14	1							
29	1	26106-080202	BOLT, M8X 20 PLATED	3							
30	1	114250-39450	SWITCH, HYDRAULIC	1							
31	1	124160-39140	BOLT, PIPE JOINT M10	1							
32	1	119802-39450	PIPE ASSY, OIL	1							
33	1	129005-59830	BOLT ASSY, JOINT M8	1							
34	2	22190-080002	WASHER, SEAL 6	1							
35	2	23857-030000	BOLT, JOINT 3	1							
36	1	22190-080002	WASHER, SEAL 6	1							
37	1	22190-100002	WASHER, SEAL 10	2							
38	1	26366-060002	NUT, M6	1							
39	1	129150-35170	FILTER,LO	1							

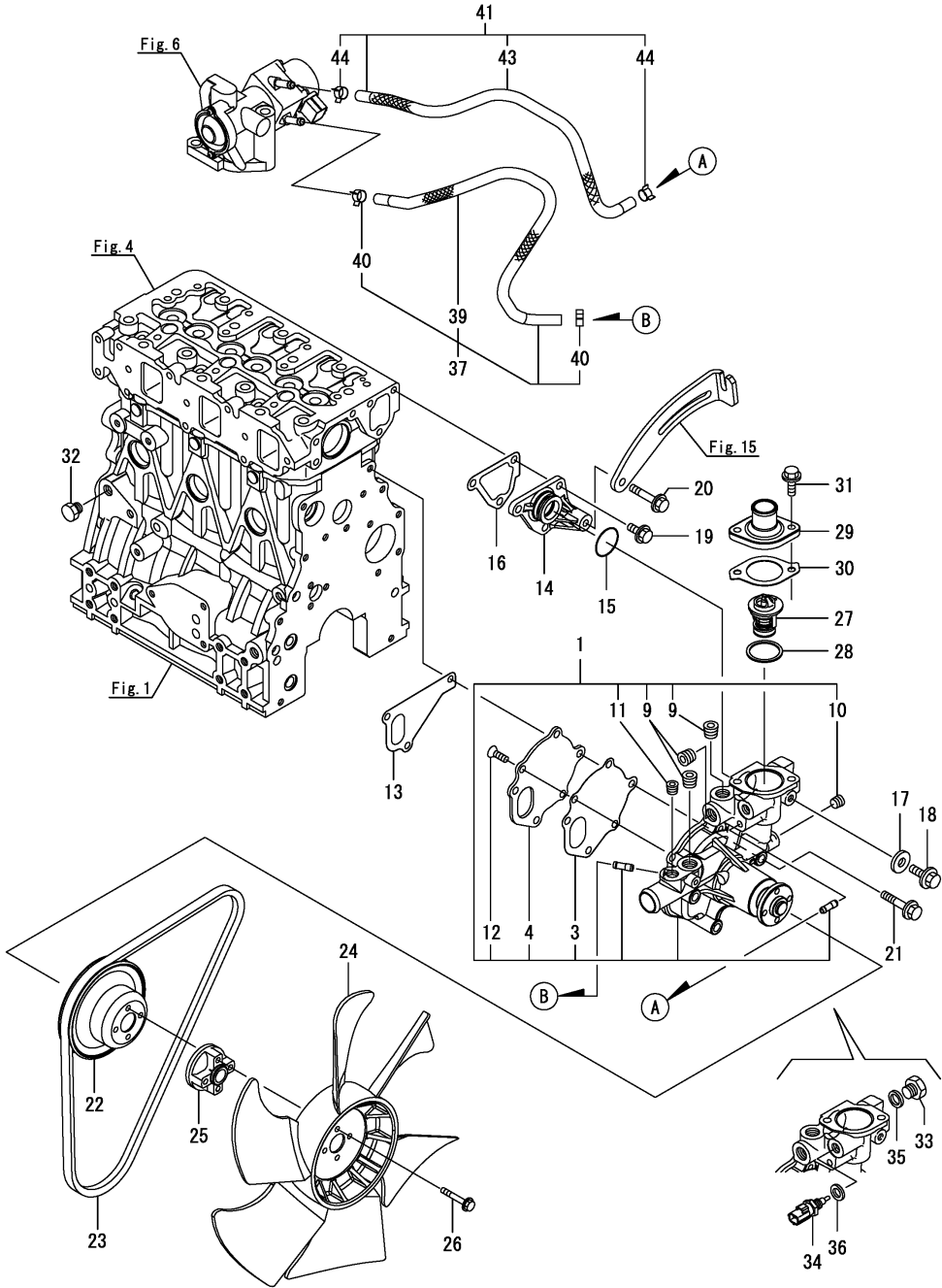
Remarks
(1) Spare parts.

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

Fig.10. COOLING WATER SYSTEM

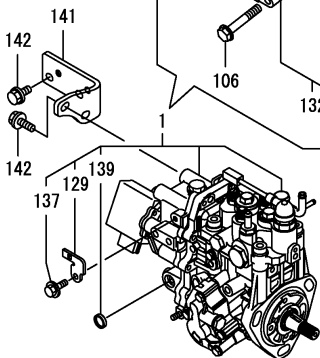
(A)=3TNV88F-ESBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129017-42000	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE, PUMP	1							
9	2	129916-49740	PLUG, R3/8	3							
10	2	23876-010000	PLUG, R01	1							
11	2	23876-020000	PLUG, R02	1							
11-1	2	23875-020000	PLUG, R02	1						N	
(A=*2013.03)											
12	2	26577-060142	SCREW M 6X 14	3							
13	1	129486-42021	GASKET, WATER PUMP	1							
14	1	129004-42040	JOINT, WATER PIPE	1							
15	1	129486-42140	O-RING, G30	1							
16	1	124395-49840	GASKET, THERMOSTAT	1							
17	1	23414-080000	GASKET, 8X1.0	1							
18	1	26106-080122	BOLT, M8X 12 PLATED	1							
19	1	26106-080162	BOLT, M8X 16 PLATED	3							
20	1	26106-080452	BOLT, M8X 45 PLATED	1							
21	1	26106-080602	BOLT, M8X 60 PLATED	3							
22	1	129550-42350	V-PULLEY, PUMP	1							
23	1	129612-42350	V-BELT, A38	1							
24	1	129030-44740	FAN, COOLING D360XUG	1							
25	1	171353-44760	SPACER, FAN 25MM	1							
26	1	26106-060402	BOLT, M6X 40 PLATED	4							
27	1	129155-49801	THERMOSTAT, 71C	1							
28	1	129150-49811	GASKET, THERMOSTAT	1							
29	1	129350-49530-1	COVER, THERMOSTAT	1							
30	1	129795-49551	GASKET, COVER	1							
31	1	26106-080222	BOLT, M8X 22 PLATED	2							
32	1	171056-49120	PLUG, DRAIN R1/4	1							
33	1	121450-42450	PLUG, M16	1							
34	1	129927-44900	SENSOR, TEMPERATURE	1							
35	1	124465-44950	GASKET, 16	1							
36	1	22190-120002	WASHER, SEAL 12	1							
37	1	129017-49650	PIPE ASSY, WATER	1							
39	2	129931-59560	PROTECTOR, MESH	1							
40	2	23080-012000	CLAMP, 12	2							
41	1	129017-49660	PIPE ASSY, WATER	1							
43	2	129931-59560	PROTECTOR, MESH	1							
44	2	23080-012000	CLAMP, 12	2							

Fig.11. FUEL INJECTION PUMP



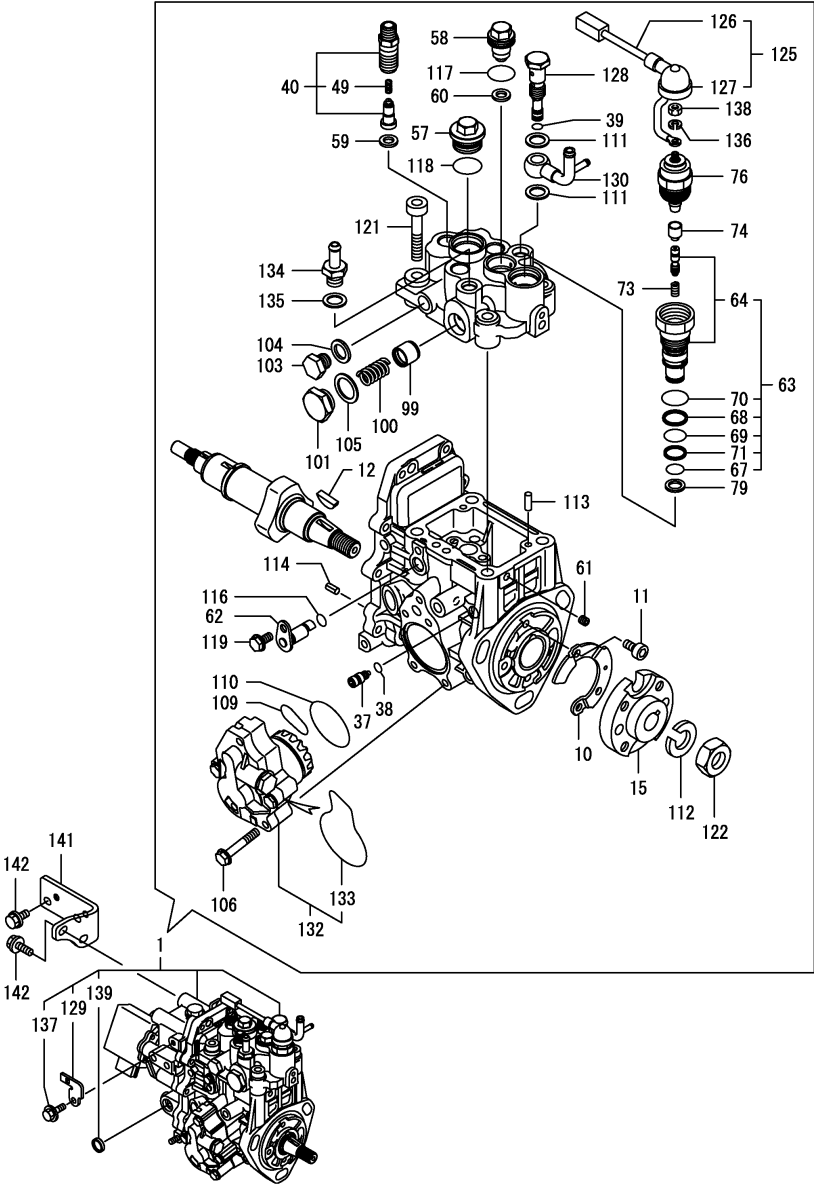
Failing to do so will result in engine malfunction.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
 Copyright (C) YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.11. FUEL INJECTION PUMP

(A)=3TNV88F-ESBV
(B)=
(C)=

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

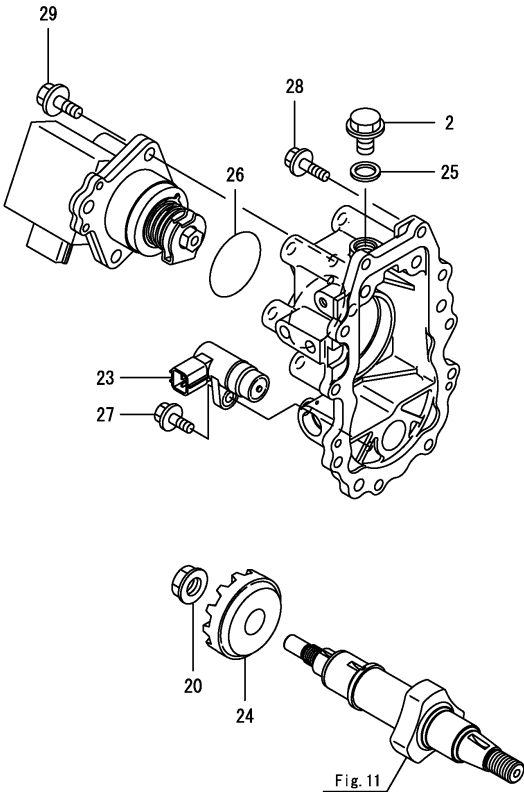


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
130	2	158552-51670	JOINT, OVERFLOW	1							
132	2	158552-52100	PUMP ASSY, FUEL FEED	1							
133	3	158552-52500	O-RING, PUMP INNER	1							
134	2	119934-59910	JOINT, PIPE	1							
135	2	22190-120002	WASHER, SEAL 12	1							
136	2	22217-050000	WASHER, SPRING 5	1							
137	2	26106-060142	BOLT, M6X 14 PLATED	1							
138	2	26716-050002	NUT, M5	1							
139	2	27241-160000	PLUG, 16	1							
141	1	129263-51251	RETAINER, FUEL PUMP	1							
142	1	26106-080162	BOLT, M8X 16 PLATED	4							

Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).
(1)Eco pump
Make sure to update the engines ECU information when replacing the Eco pump.
Failing to do so will result in engine malfunction.

(A)=3TNV88F-ESBV
(B)=
(C)=

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

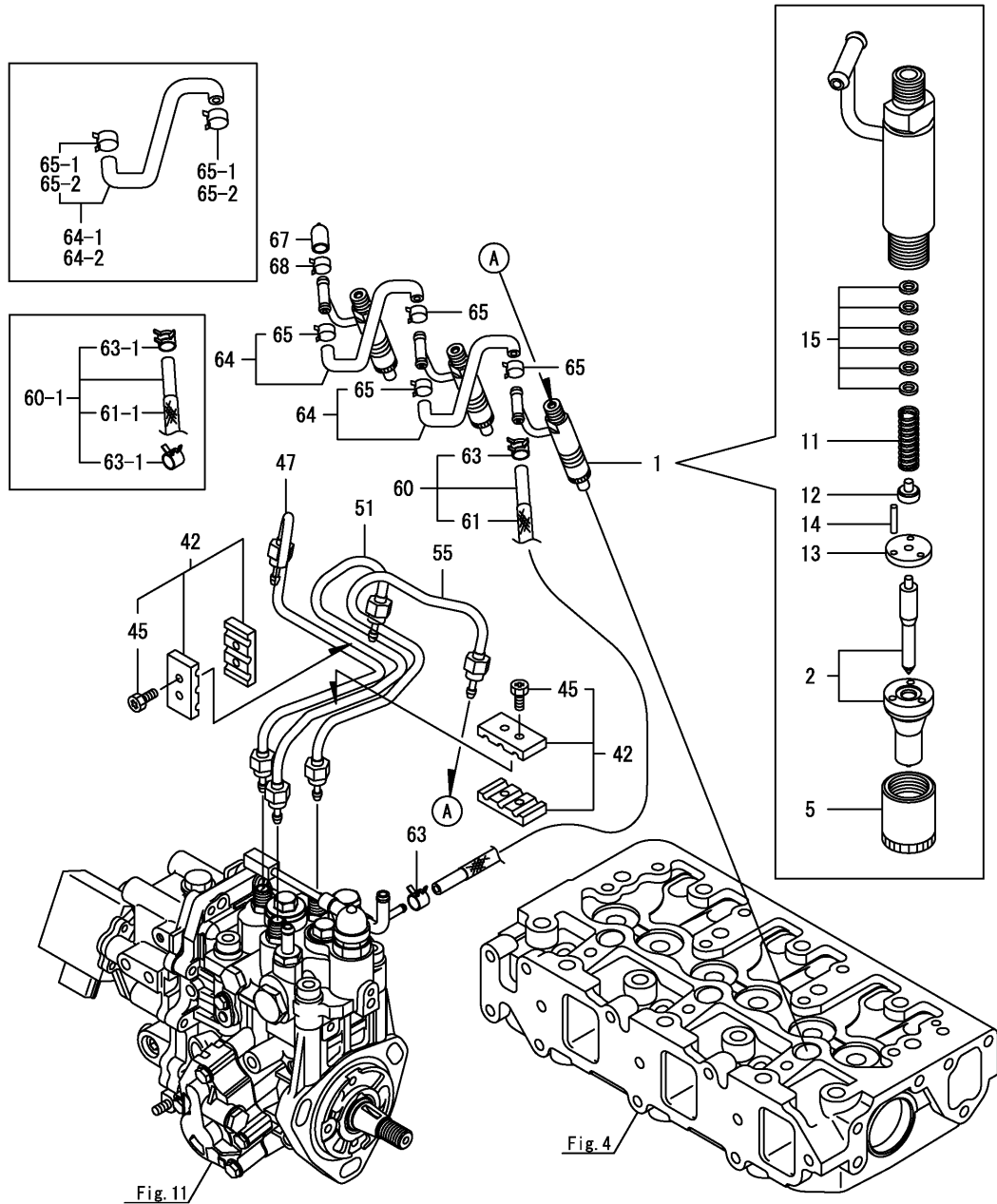


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158553-51930	PLUG, M12	1							
20	2	129008-61301	NUT, SUPPORT	1							
23	2	158557-61720	SENSOR, ROTATION	1							
24	2	158553-61780	GEAR, SENSOR	1							
25	2	22190-120002	WASHER, SEAL 12	1							
26	2	24341-000480	O-RING, 1AS48.0	1							
27	2	26106-060162	BOLT, M6X 16 PLATED	1							
28	2	26106-060202	BOLT, M6X 20 PLATED	10							
29	2	26106-080252	BOLT, M8X 25 PLATED	3							
29-1	2	26106-080222	BOLT, M8X 22 PLATED	3							R
(A=*2022.06)											

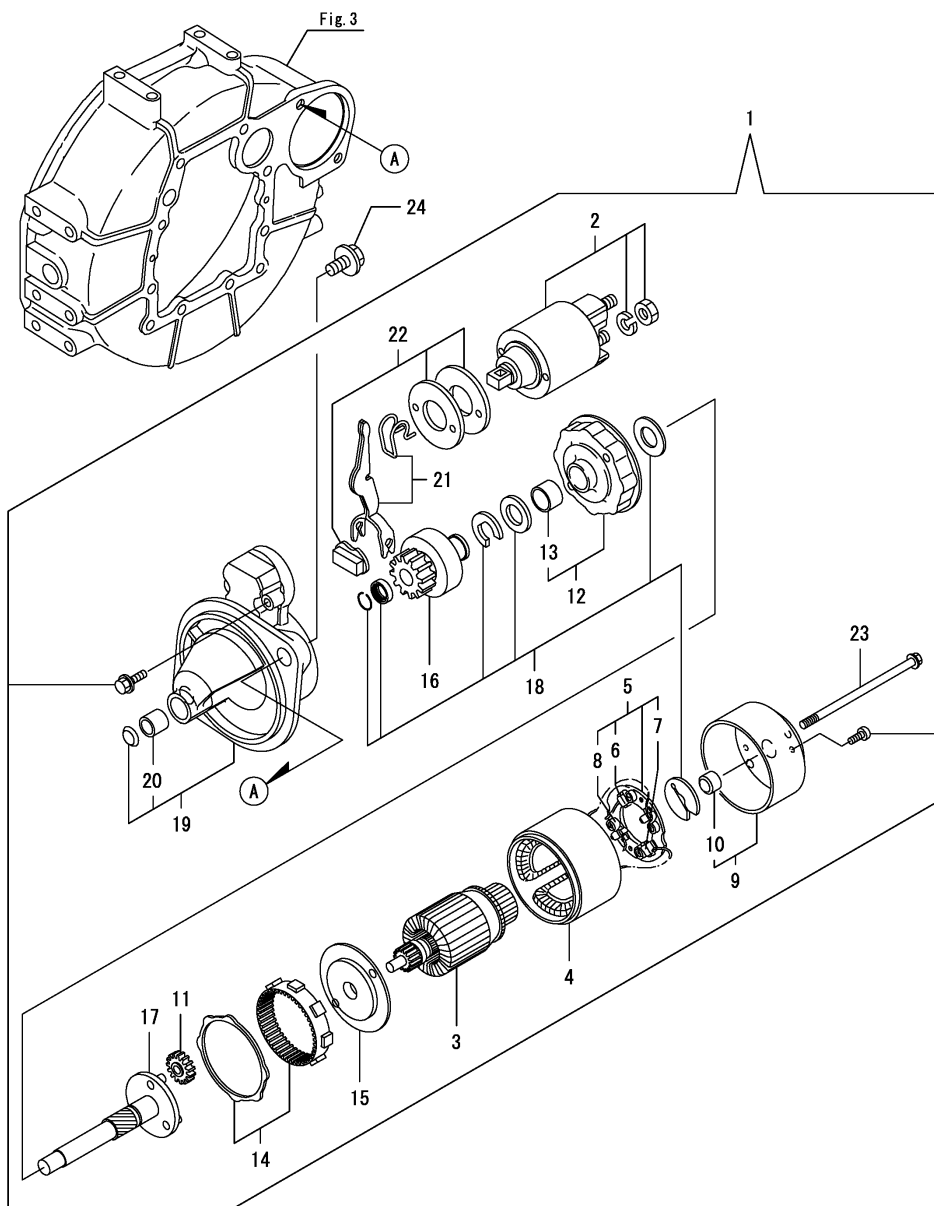
Remarks

* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.11).

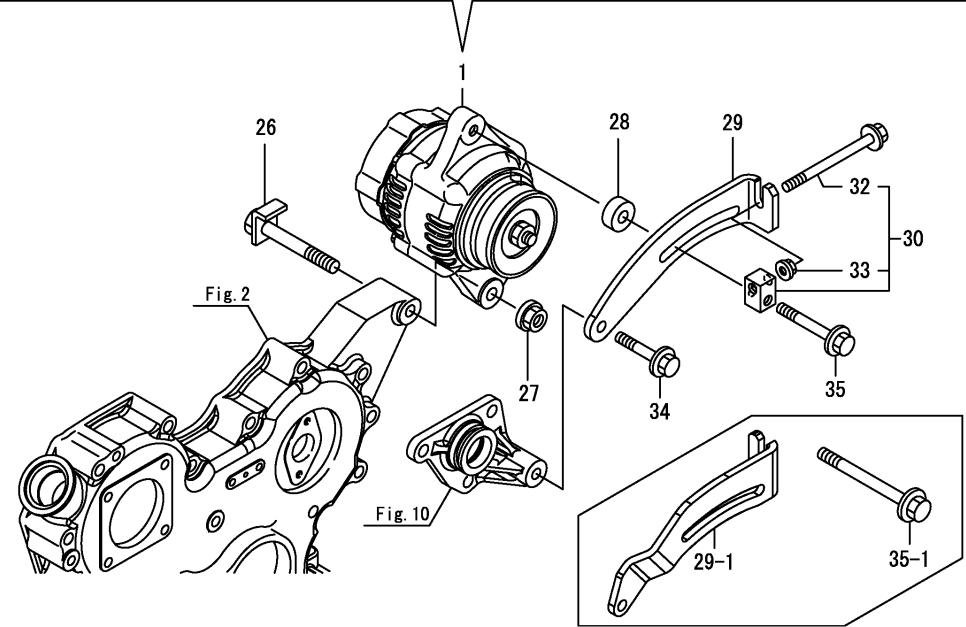
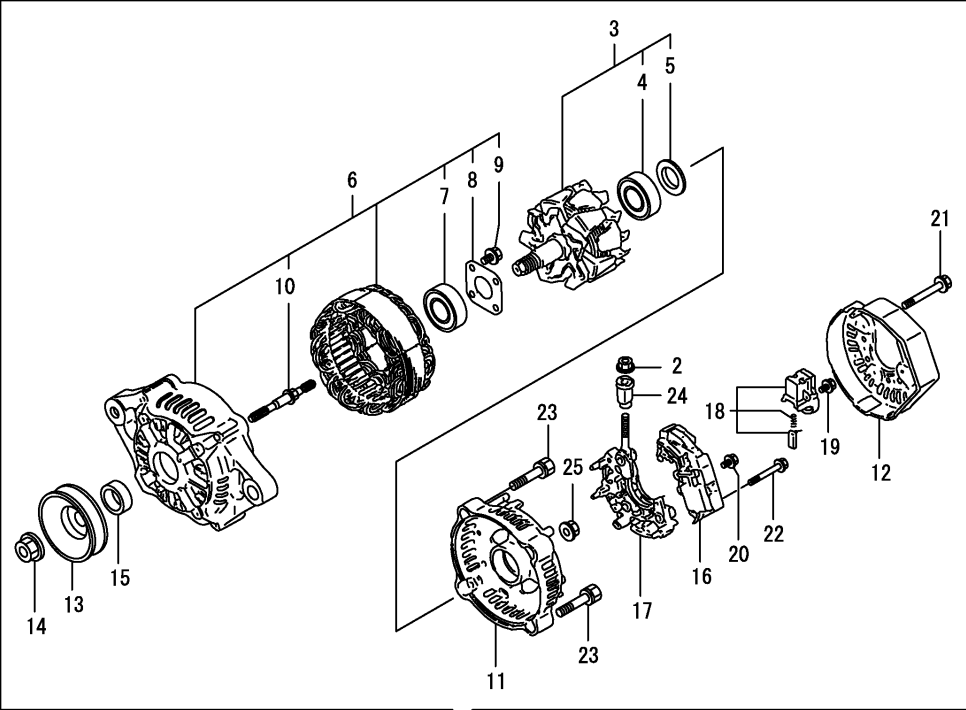
Fig.13. FUEL INJECTION VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729017-53100	VALVE ASSY,INJECTION	3							
2	2	129017-53000	NOZZLE ASSY	3							
5	2	114250-53080	NUT, NOZZLE	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	SPACER, VALVE STOP	3							
14	2	114250-53210	PIN, POSITIONING	6							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129017-59810	PIPE, INJECTION NO.1	1							
51	1	129017-59820	PIPE, INJECTION NO.2	1							
55	1	129017-59830	PIPE, INJECTION NO.3	1							
60	1	129268-59551	PIPE ASSY, RETURN	1							
60-1	1	129268-59552	PIPE ASSY, FO RETURN	1							N
(A=61978)											
61	2	129237-59120	PROTECTOR, MESH	1							
61-1	2	129931-59710	PROTECTOR, MESH	1							S
(A=62010)											
63	2	124060-77680	CLAMP, HOSE 10	2							
63-1	2	124066-59100	CLAMP, HOSE 8	2							S
(A=61978)											
64	1	129486-59551	HOSE ASSY, RETURN	2							
64-1	1	129486-59581	HOSE, FUEL RETURN	2							F
(A=00130)											
64-2	1	129486-59582	PIPE ASSY, FO RETURN	2							N
(A=61978)											
65	2	124722-59050	CLAMP, HOSE 9	4							
65-1	2	124060-77680	CLAMP, HOSE 10	4							S
(A=00130)											
65-2	2	124066-59100	CLAMP, HOSE 8	4							S
(A=61978)											
67	1	119593-59581	CAP, RETURN PIPE	1							
68	1	124060-77680	CLAMP, HOSE 10	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER ASSY	1							
2	2	129698-77020	SWITCH ASSY, MAGNET	1							
3	2	129242-77100	ARMATURE ASSY	1							
4	2	129242-77110	YOKE ASSY	1							
5	2	129242-77120	HOLDER ASSY, BRUSH	1							
6	3	129242-77130	BRUSH	2							
7	3	129242-77140	BRUSH SET	1							
8	3	129242-77150	SPRING, BRUSH	4							
9	2	129242-77160	COVER ASSY	1							
10	3	129242-77170	BEARING, COVER	1							
11	2	118400-77170	GEAR, PLANETARY	3							
12	2	129242-77180	BRACKET, CENTER	1							
13	3	129698-77190	BRACKET, CENTER	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	BRACKET, CENTER	1							
16	2	129698-77220	PINION ASSY	1							
17	2	129698-77230	SHAFT, PINION	1							
18	2	129698-77250	WASHER SET	1							
19	2	129242-77260	CASE ASSY, GEAR	1							
20	3	X2114535200	BEARING, STARTER	1							
21	2	129242-77270	LEVER SET	1							
22	2	129242-77280	COVER KIT, DUST	1							
23	2	124195-77770	BOLT, THROUGH	2							
24	1	26106-120252	BOLT. M12X 25 PLATED	2							

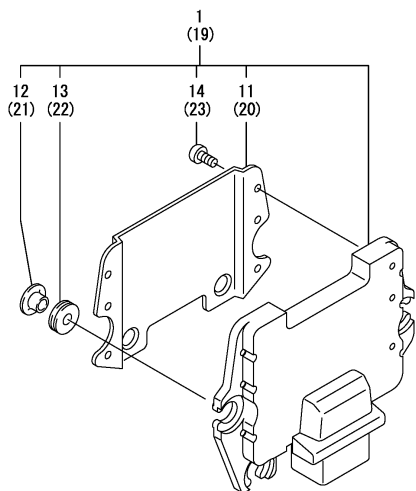


(A)=3TNV88F-ESBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119626-77210	ALTERNATOR, 12V-55A	1							
2	2	X9490561001	NUT	1							
2-1	2	129240-79310	NUT	1							N
(A=*2024.03)											
3	2	129052-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER, BEARING	1							
6	2	129052-77422	FRAME ASSY	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	128401-77440	COVER, END	1							
11-1	2	124645-77440	FRAME, END	1							N
(A=*2024.03)											
12	2	119626-77450	COVER, END	1							
13	2	119620-77461	PULLEY, GENERATOR	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	129052-79260	HOLDER ASSY	1							
18	2	129052-79270	HOLDER ASSY, BRUSH	1							
19	2	119620-79290	SCREW	6							
20	2	119620-79300	SCREW	1							
21	2	119620-79310	BOLT	3							
22	2	119620-79320	SCREW, W/WASHER	2							
23	2	119620-79330	BOLT	2							
24	2	119620-79340	BUSH, INSULATION	1							
25	2	119620-79350	NUT	2							
26	1	119740-77251	BOLT, M10X80	1							
27	1	26306-100002	NUT, M10	1							
28	1	119940-77270	SPACER, GENERATOR	1							Z
(A=*2012.11)											
29	1	119940-77310	ADJUSTER, BELT	1							
29-1	1	129017-77320	ADJUSTER, BELT	1							S
(A=*2012.11)											
30	1	119624-77351	BLOCK ASSY, ADJUSTER	1							
32	2	26106-081004	BOLT, M8X100 PLATED	1							
33	2	26306-080002	NUT, M8	1							
34	1	26106-080452	BOLT, M8X 45 PLATED	1							
35	1	26106-080552	BOLT, M8X 55 PLATED	1							
35-1	1	129972-77341	BOLT, ADJUSTER L=50	1							S
(A=*2012.11)											

Fig.16. ELECTRONIC CONTROL UNIT(ECU)



No.	Lev.	Parts No.	Description	(A)=3TNV88F-ESBV		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)=		
1	1	129017-75020	ECU ASSY			1					1
11	2	129927-77600	SHIELD, ECU			1					
12	2	129927-77680	COLLAR, CONTROL			3					
13	2	119578-91351	ABSORBER			3					
14	2	22877-500080	SCREW, 5X 8			6					
19	1	129927-75900	ECU ASSY, SERVICE			1					2
20	2	129927-77600	SHIELD, ECU			1					
21	2	129927-77680	COLLAR, CONTROL			3					
22	2	119578-91351	ABSORBER			3					
23	2	22877-500080	SCREW, 5X 8			6					

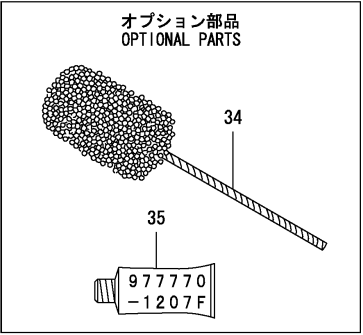
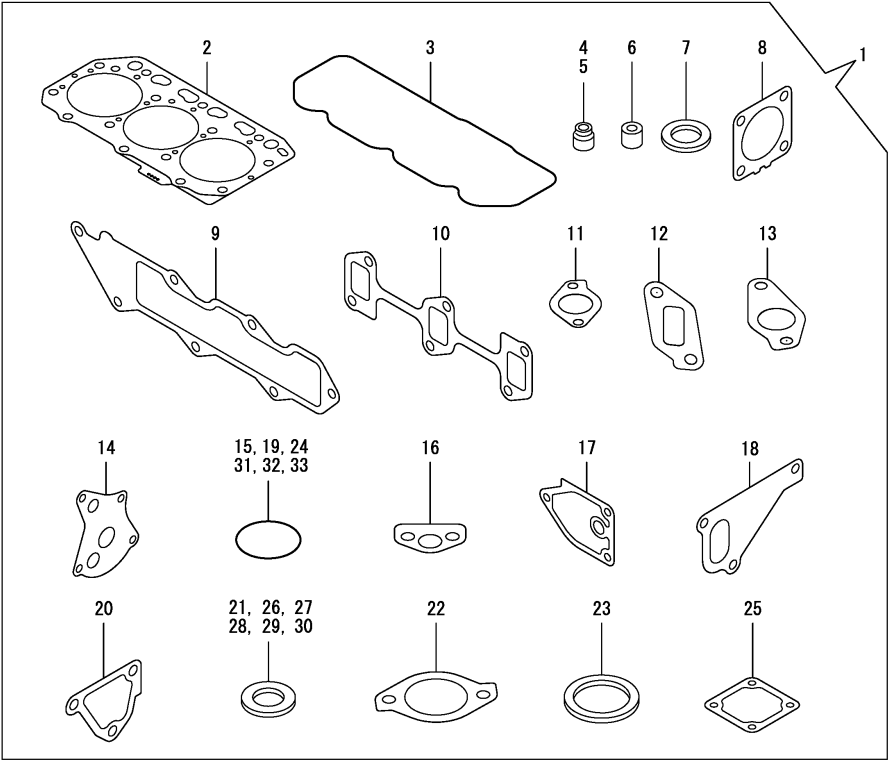
Remarks
(1)Eco ECU
This part cannot be ordered.
Replace the part using a Service ECU with the proper engine information installed.
(2)Service ECU
If the proper information is not installed, the engine will not operate.
To install proper information, go to an authorized distributor.

Fig.17. GASKET SET

(A)=3TNV88F-ESBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129017-92610	PACKING	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	129004-11310	GASKET, BONNET	1							
4	2	121400-11340	SEAL, VALVE STEM	3							
5	2	124460-11340	SEAL, VALVE STEM	3							
6	2	119802-11870	PROTECTOR, NOZZLE	3							
7	2	119625-11880	SEAT, NOZZLE	3							
8	2	129004-13200	GASKET, SILENCER	1							
9	2	129017-12110	GASKET,INT.MANIFOLD	1							
10	2	129150-13110	GASKET, EXH.MANIFOLD	1							
11	2	129927-13810	GASKET	1							
12	2	129927-13910	GASKET, EGR	1							
13	2	129927-13920	GASKET, EGR	1							
14	2	129150-32020	GASKET, PUMP	1							
15	2	119609-32040	O-RING, P16	2							
16	2	129150-35042	GASKET	1							
17	2	129150-35111	GASKET	1							
18	2	129486-42021	GASKET, WATER PUMP	1							
19	2	129486-42140	O-RING, G30	1							
20	2	124395-49840	GASKET, THERMOSTAT	1							
21	2	124465-44950	GASKET, 16	1							
22	2	129795-49551	GASKET	1							
23	2	129150-49811	GASKET, THERMOSTAT	1							
24	2	121850-51960	O-RING	1							
25	2	129150-77511	GASKET, AIR HEATER	1							
26	2	22190-080002	WASHER, SEAL 6	7							
27	2	22190-100002	WASHER, SEAL 10	2							
28	2	22190-120002	WASHER, SEAL 12	1							
29	2	22190-220002	WASHER, SEAL 22	1							
30	2	23414-080000	GASKET, 8X1.0	1							
31	2	24311-000120	O-RING, 1AP12.0	3							
32	2	24311-000320	O-RING, 1AP32.0	3							
33	2	24341-000240	O-RING, 1AS24.0	1							
34	1	129400-92430	HONE, FLEX	1							1
35	1	977770-1207F	GASKET.LIQUID	1							1



Remarks
(1)Optional parts.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
114250-39450	9	30
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
118400-77170	14	11
119578-91351	16	13
		22
119593-59581	13	67
119609-32040	2	12
	17	15
119620-01750	3	3
119620-77461	15	13
119620-77471	15	14
119620-77490	15	15
119620-79200	15	7
119620-79210	15	8
119620-79220	15	9
119620-79230	15	10
119620-79250	15	5
119620-79290	15	19
119620-79300	15	20
119620-79310	15	21
119620-79320	15	22
119620-79330	15	23
119620-79340	15	24
119620-79350	15	25
119624-77351	15	30
119625-11880	4	29
	17	7
119626-77210	15	1
119626-77450	15	12
119640-01640	3	9
119740-77251	15	26
119802-01561	2	8
119802-03070	4	38 A
119802-03110	4	40
119802-03121	4	41
119802-03130	4	42
119802-03141	4	43
119802-11260	4	4
119802-11270	4	5
119802-11870	4	28
	17	6
119802-25071	7	17
119802-25101	7	11
119802-25901	7	16
119802-35100	9	21
119802-39450	9	32

Parts No.	Fig. No.	Ref. No.
119802-51090	11	12
119802-51560	11	58
119802-51680	11	68
119802-51690	11	69
119803-01520	2	7
119803-21200	8	5
119803-25050	7	10
119803-53400	13	15
119803-77830	4	57
119852-51630	11	73
119852-51640	11	74
119852-51650	11	76
119865-21600	8	16
119934-01800	2	6
119934-59910	11	134
119940-77270	15	28
119940-77310	15	29
120130-11860	4	60
120270-54410	4	31
121023-01551	2	22
121111-21501	8	12
121400-11340	4	24
	17	4
121450-42450	10	33
121520-34810	9	17
121550-23200	8	31
121850-21680	8	11
121850-51960	2	13
	17	24
123501-79240	15	4
123900-13610	6	5
123900-13630	6	6
124060-01050	1	5
124060-77680	13	63
		65 -1
		68
124066-59100	13	63 -1
		65 -2
124160-01751	2	9
	4	36
124160-01910	1	7
		8
124160-11360	4	51
124160-39140	9	31
124195-77770	14	23
124240-01871	2	10
124395-49840	10	16
	17	20
124460-11340	4	25
	17	5

Parts No.	Fig. No.	Ref. No.
124465-44950	10	35
	17	21
124645-77440	15	11 -1
124722-59050	13	65
128401-77440	15	11
129001-01250	1	6
129001-01340	1	29
	17	2
129001-02931	1	30
129001-32001	9	1
129004-03010	4	38
129004-11241	4	1
129004-11251	4	2
129004-11310	4	46
	17	3
129004-11650	4	8
129004-11900	4	30
129004-13200	6	8
	17	8
129004-21650	8	9
129004-34802	9	16
129004-42040	10	14
129005-11100	4	20
129005-22080	8	17
129005-22500	8	19
129005-22900	8	37
129005-22950	8	39
129005-59830	9	33
129008-21000	8	1
129008-51390	11	40
129008-51900	11	10
129008-51920	11	11
129008-61301	12	20
129008-77800	4	58
129008-77820	4	59
129017-03120	5	1
129017-07910	4	55 -1
129017-11350	4	37
129017-11700	4	13
129017-12110	5	4
	17	9
129017-12170	5	5
129017-13100	6	3
129017-13150	6	2
129017-13880	6	13
129017-13900	6	19
129017-42000	10	1
129017-49650	10	37
129017-49660	10	41
129017-53000	13	2

Parts No.	Fig. No.	Ref. No.
129017-59810	13	47
129017-59820	13	51
129017-59830	13	55
129017-75020	16	1
129017-77320	15	29 -1
129017-92610	17	1
129030-44740	10	24
129052-77380	15	3
129052-77422	15	6
129052-79260	15	17
129052-79270	15	18
129100-01580	3	1
		16
	8	2
129100-01640	3	17
129100-01730	3	6
129100-11112	4	21
129100-23910	8	34
129100-35140	9	23
129100-35301	9	19
129100-42051	10	3
129100-42121	10	4
129128-21590	8	13
129129-14580	7	3
129136-01780	3	8
129150-01200	1	28
129150-02020	1	10
129150-02450	7	4
129150-02871	1	33
129150-02931	1	25
129150-02941	1	36
129150-03070	4	39
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	61
129150-13110	6	1
	17	10
129150-14101	7	7
129150-14200	7	1
129150-14400	7	2
129150-23601	8	32
129150-23611	8	35
129150-25301	7	15
129150-32020	9	14
	17	14
129150-35042	9	18
	17	16
129150-35111	9	24

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129150-35111	17	17
129150-35170	9	39
129150-49811	10	28
	17	23
129150-59120	13	42
129150-59131	13	45
129150-77511	5	8
	17	25
129155-49801	10	27
129202-22300	8	25
129237-13500	6	9
129237-59120	13	61
129240-35800	9	26
129240-79310	15	2 -1
129242-77010	14	1
129242-77100	14	3
129242-77110	14	4
129242-77120	14	5
129242-77130	14	6
129242-77140	14	7
129242-77150	14	8
129242-77160	14	9
129242-77170	14	10
129242-77180	14	12
129242-77210	14	15
129242-77260	14	19
129242-77270	14	21
129242-77280	14	22
129263-51251	11	141
129263-77941	11	127
129268-59551	13	60
129268-59552	13	60 -1
129350-49530-1	10	29
129400-92430	17	34
129410-03990	5	3
129418-18320	6	4
129423-77710	15	16
129486-01670	3	20
129486-42021	10	13
	17	18
129486-42140	10	15
	17	19
129486-59551	13	64
129486-59581	13	64 -1
129486-59582	13	64 -2
129550-42350	10	22
129612-01600	3	2
129612-42350	10	23
129648-07900	4	54
129657-51590	11	63

Parts No.	Fig. No.	Ref. No.
129657-51600	11	64
129698-77020	14	2
129698-77190	14	13
129698-77200	14	14
129698-77220	14	16
129698-77230	14	17
129698-77250	14	18
129795-01780	3	19
129795-01950	2	11
129795-02412	1	13
129795-11120	4	22
129795-11180	4	23
129795-21661	8	10
129795-49551	10	30
	17	22
129916-49740	10	9
129927-13810	6	12
	17	11
129927-13910	6	20
	17	12
129927-13920	6	21
	17	13
129927-44900	10	34
129927-51650	11	125
129927-51660	11	126
129927-51670	11	129
129927-75900	16	19
129927-77600	16	11
		20
129927-77680	16	12
		21
129928-79700	4	47
129930-07910	4	55
129931-59560	10	39
		43
129931-59710	13	61 -1
129972-77341	15	35 -1
158552-51151	11	15
158552-51571	11	59
		60
158552-51580	11	62
158552-51670	11	130
158552-51781	11	100
158552-52100	11	132
158552-52311	11	109
158552-52400	11	110
158552-52500	11	133
158553-51670	11	67
158553-51680	11	79
158553-51770	11	106

Parts No.	Fig. No.	Ref. No.
158553-51930	11	103
	12	2
158553-61780	12	24
158557-51570	11	61
158557-61720	12	23
158563-51281	11	38
		39
158563-51330	11	49
158600-51270	11	37
158601-51550	11	57
158601-51650	11	128
158601-51770	11	99
158601-51790	11	101
171031-11741	2	25
171051-01921	1	9
171056-49120	10	32
171340-77520	5	9
171353-44760	10	25
22190-080002	2	14
	9	34
		36
	17	26
22190-100002	9	37
	17	27
22190-120002	10	36
	11	104
		111
		135
	12	25
	17	28
22190-180002	11	105
22190-220002	3	11
	17	29
22217-050000	11	136
22217-140000	11	112
22252-000260	8	26
22312-050140	11	113
22351-030010	8	8
22351-050010	11	114
22351-060012	4	32
22512-070140	7	8
	8	6
22857-500100	4	48
		49
22877-500080	16	14
		23
23065-120230	9	27
23080-012000	10	40
		44
23080-014000	9	28

Parts No.	Fig. No.	Ref. No.
23414-080000	10	17
	17	30
23857-030000	9	35
23875-020000	10	11 -1
23876-010000	10	10
23876-020000	10	11
24311-000070	11	116
24311-000120	4	52
	17	31
24311-000320	2	15
		26
	4	53
	17	32
24341-000240	2	23
	17	33
24341-000480	12	26
24356-190180	11	117
24356-190200	11	70
		118
24372-000150	11	71
26106-060102	11	119
26106-060142	11	137
26106-060162	2	24
	12	27
26106-060202	12	28
26106-060402	10	26
26106-080102	4	50
26106-080122	10	18
26106-080142	7	9
26106-080162	2	16
		17
	3	12
	4	56
	10	19
	11	142
26106-080202	5	7
	9	29
26106-080222	10	31
	12	29 -1
26106-080252	3	13
	4	33
	5	7 -1
		10
	12	29
26106-080302	2	18
26106-080352	3	21
	4	34
	9	20
26106-080402	7	14
26106-080452	3	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26106-080452	10	20
	15	34
26106-080502	3	15
	4	35
26106-080552	2	19
	15	35
26106-080602	10	21
26106-080652	5	11
26106-080852	2	20
26106-081004	15	32
26106-100202	6	10
26106-100302	6	17
		22
26106-100952	6	23
26106-120252	14	24
26206-100252	3	4
26206-100302	3	5
26226-080182	4	6
26306-080002	2	21
	6	7
		11
		18
	15	33
26306-100002	15	27
26366-060002	9	38
26450-060252	9	15
26450-080452	11	121
26577-060142	10	12
26716-050002	11	138
26776-140002	11	122
27241-120000	1	14
27241-160000	11	139
27241-300000	1	15
27241-400000	4	19
27310-080001	4	26
729005-01560	1	1
729017-51310	11	1
729017-53100	13	1
729402-23100	8	27
729630-01500	2	1
977770-1207F	17	35
X2114535200	14	20
X9490561001	15	2

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

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

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