

YANMAR 굴삭기

ViO17

PARTS CATALOG



0CS10-M51000EN

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) VI017 for korea.

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	000Y00S5100	Jul., 2007	
	Engine	000Y00B7530		

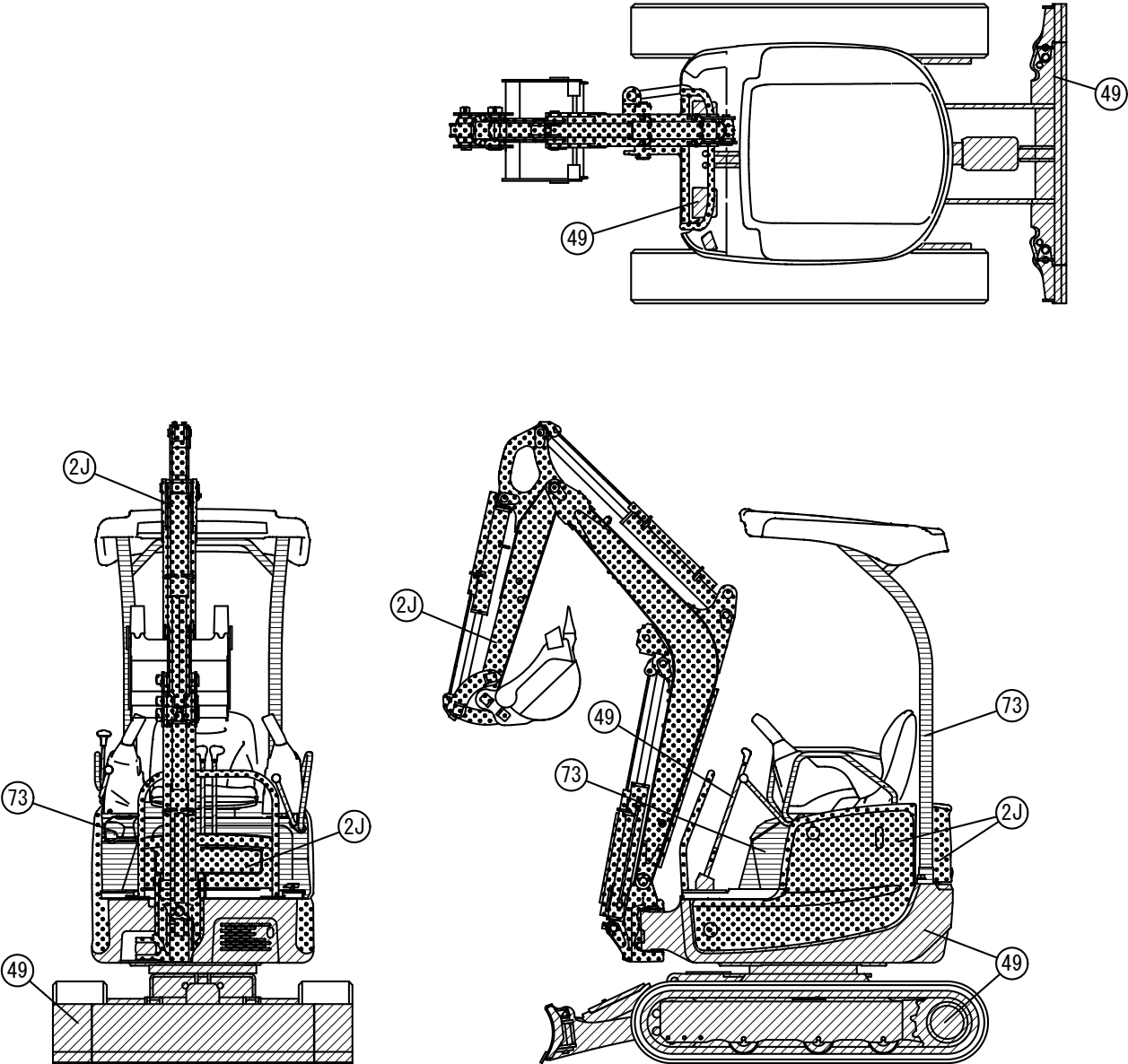
3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	VI017 P (KR)	00505	2007/07
II (Engine)	(A)	3TNV70-XBV	15876	2007/05

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

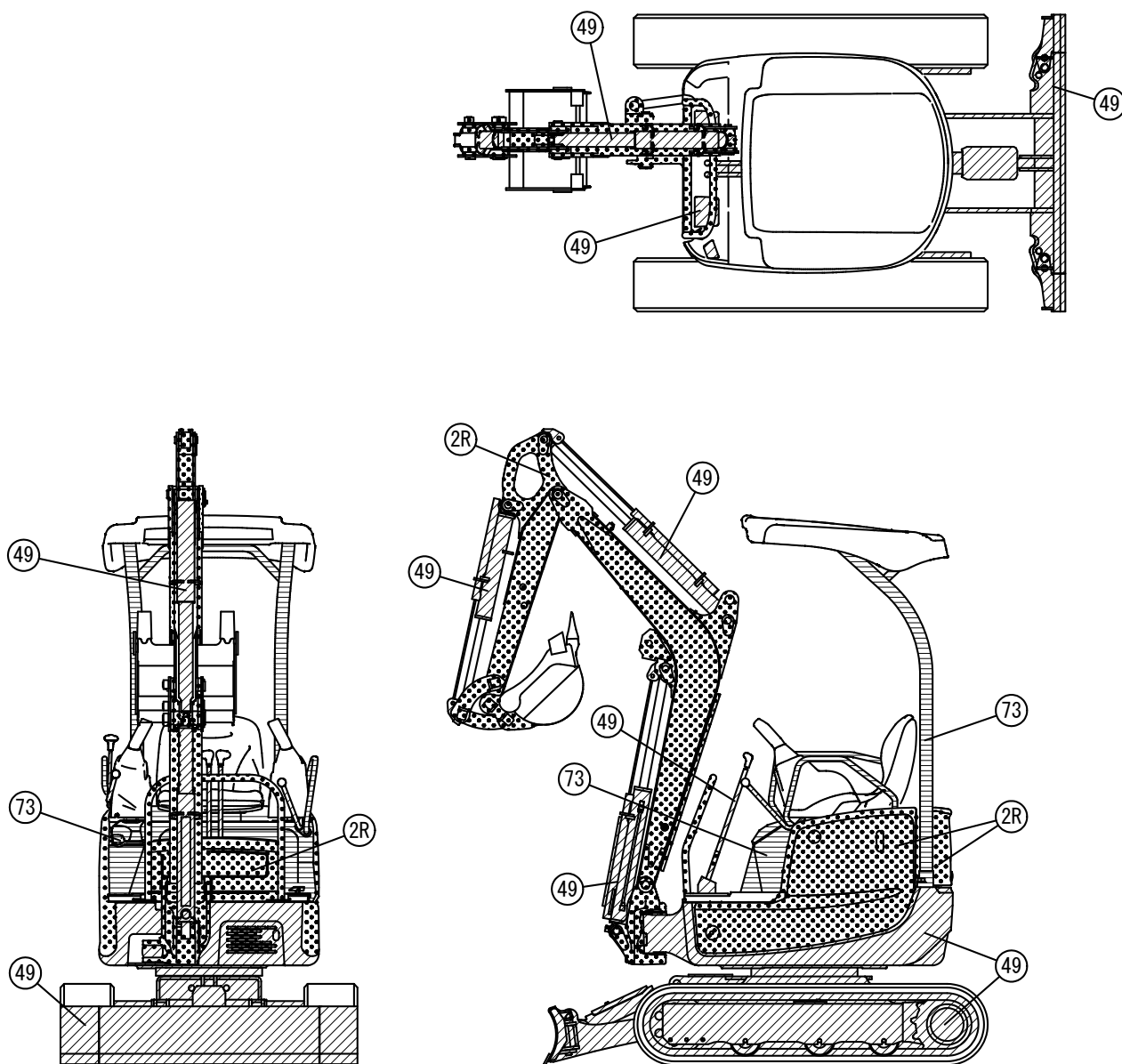
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR (TO M07000)



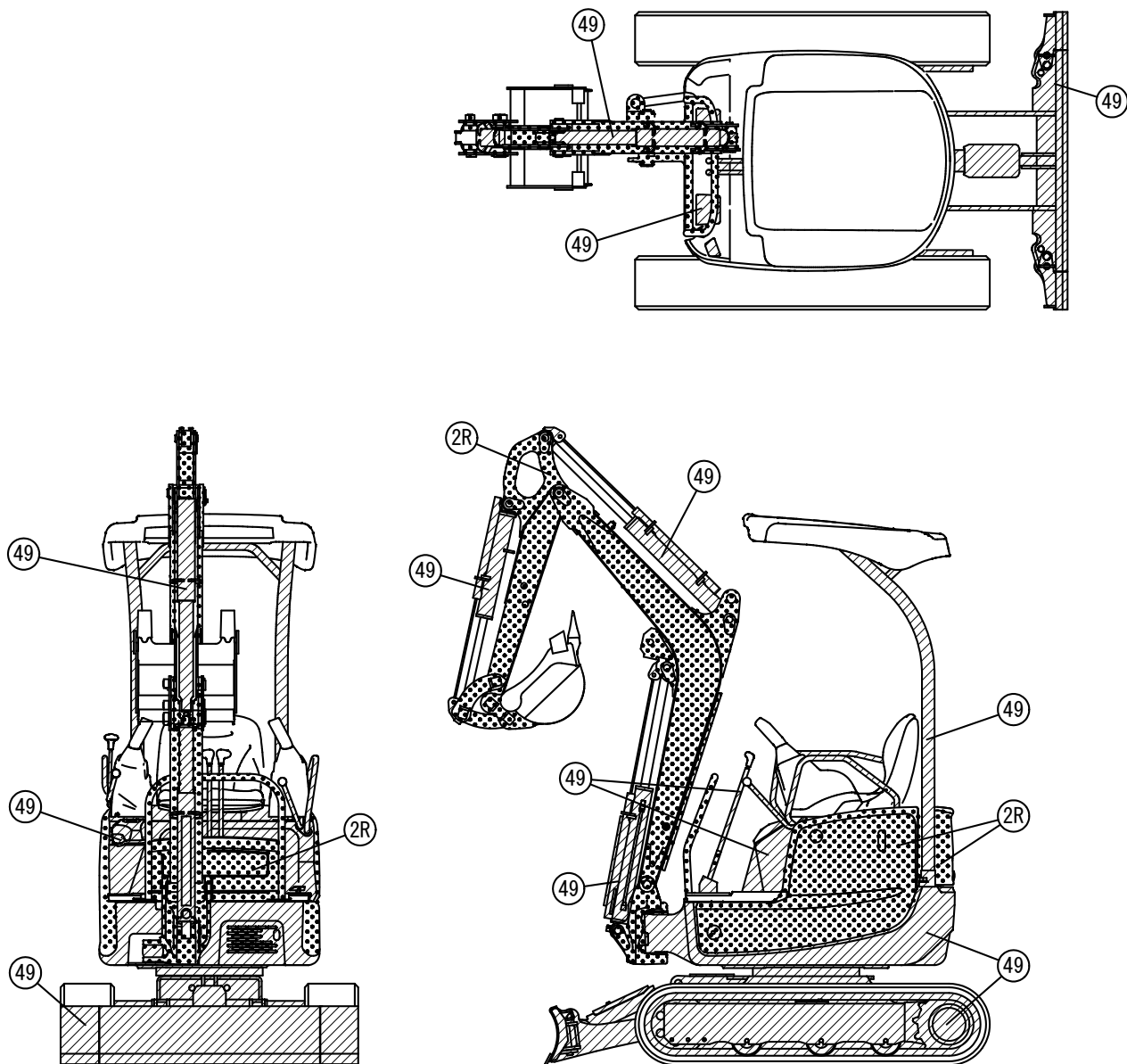
Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-90390002
2J		YANMAR New Permanent Yellow 2	981101-09520	977620-40871	977620-30872
73		YANMAR Warm Gray	-----	-----	TOR-90450003

VEHICLE PAINTED COLOR (FROM M07001 TO M0F000)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-90390002
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
73		YANMAR Warm Gray	-----	-----	TOR-90450003

VEHICLE PAINTED COLOR (FROM M0F001)



Color Code	Desc-ription	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-90390002
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002

PICTURESQUE INDEX (1) ■ ■ ■ MAIN PARTS

1. LABEL & ACCESSORY

Fig. 1, 2, 96, 97, 102, 103, 108, 109

14. OPTIONAL & KIT

Fig. 82~84

3. ELECTRICAL PARTS

Fig. 10~14

12. HYDRAULIC OIL PIPING

Fig. 63~75, 95

RIGHT



13. IMPLEMENT

Fig. 76~81

FRONT



11. HYDRAULIC OIL EQUIPMENT

Fig. 42~62, 86~94

REAR



10. CANOPY

Fig. 41, 100, 105

8. AROUND SEAT

Fig. 34, 36~39, 98, 99, 104

2. ENGINE RELATED

Fig. 3~9

9. BONNET

Fig. 40, 106

5. CONTROL EQUIPMENT

Fig. 18~27, 85

6. FRAME

Fig. 28, 29, 107

7. COVER

Fig. 30~33, 35

4. TRAVELING

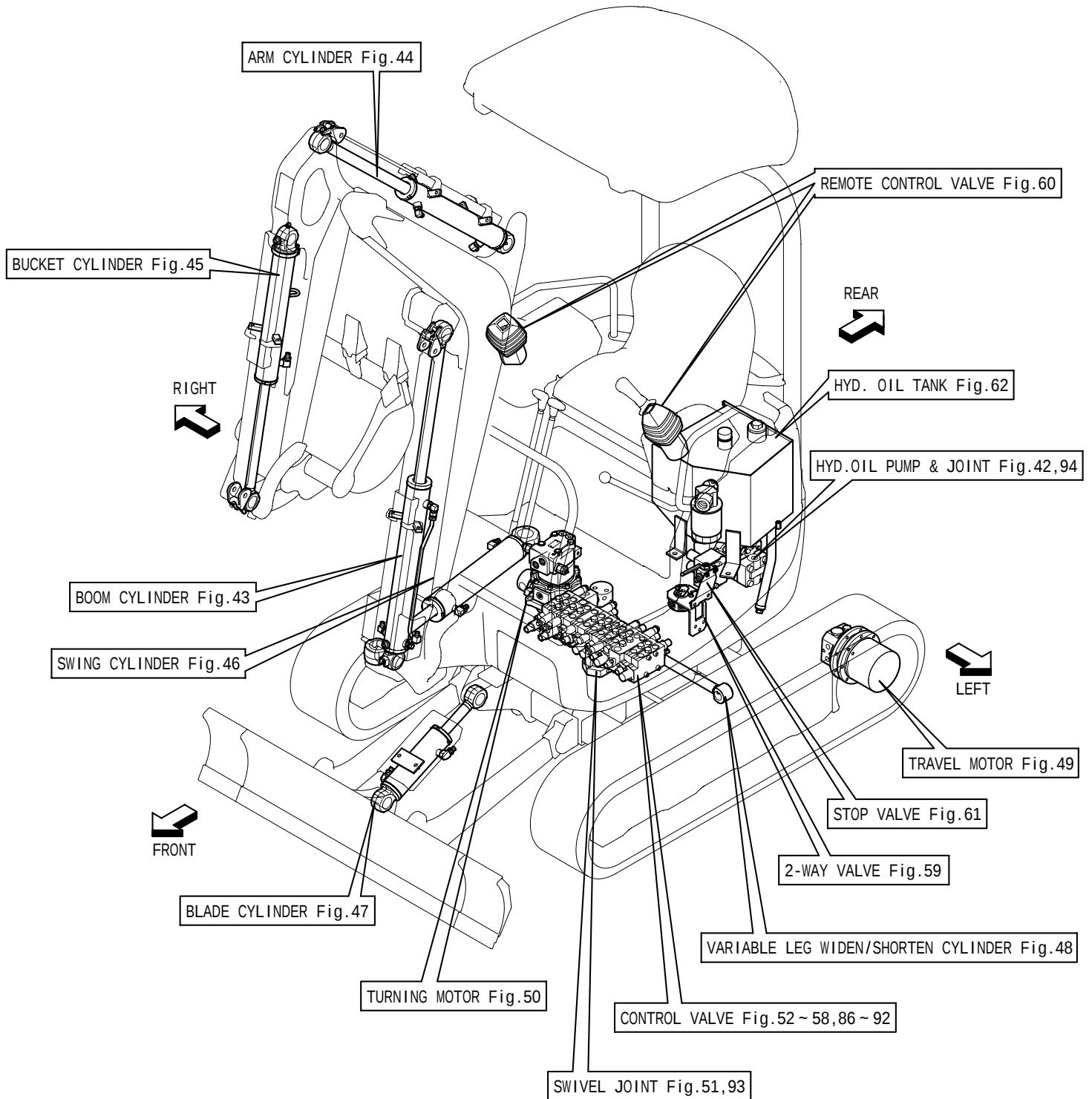
Fig. 15~17, 101

LEFT



PICTURESQUE INDEX(2) • • • HYDRAULIC SECTION

HYD.OIL PIPING Fig.63 ~ 72,95
CONTROL PIPING Fig.73,74



Contents

OCS10-M51000

Fig. No. Fig. Name

LABEL & ACCESSORY

1. LABEL(TO M0F000)
102. (1A)LABEL(FROM M0F001)
96. (1B)LABEL(4P CANOPY)(TO M0F000)
103. (1C)LABEL(4P CANOPY)(FROM M0F001)
108. (1D)LABEL(2P CANOPY)(ADDITIONAL WEIGHT SPEC.)
2. SAFETY LABEL
97. (2A)LABEL(SAFETY)(4P CANOPY)
109. (2B)LABEL(SAFETY)(2P CANOPY)(ADDITIONAL WEIGHT SPEC.)

ENGINE RELATED

3. SILENSER
4. AIR CLEANER
5. ACCELERATOR LEVER
6. ENGINE MOUNT
7. RADIATOR & MOUNT
8. FUEL TANK
9. FUEL LINE

ELECTRICAL PARTS

10. BATTERY
11. ELECTRIC PART(ENGIN)
12. ELECTRIC PART(SEAT MOUNT)
13. ELECTRIC PART(START SWITCH)
14. WORK LAMP

Fig. No. Fig. Name

TRAVELING

15. SPROCKET & TRACK ROLLER(Y SPEC.)
101. (15A)TRACK ROLLER(S SPEC.)
16. IDLER & ADJUST
17. CRAWLER

CONTROL EQUIPMENT

18. CONTROL EQUIPMENT(LOCK LEVER & STAMD)(RIGHT)
19. LOCK LEVER & STAND(LEFT)
20. CONTROL EQUIPMENT(TRAVEL LEVER)
21. CONTROL EQUIPMENT(OPERATION LEVER)
22. CONTROL EQUIPMENT(BLADE LEVER)
23. CONTROL EQUIPMENT(VARIABLE LEG LEVER)
24. CONTROL EQUIPMENT(SWING PEDAL)
25. CONTROL EQUIPMENT(LOW-HIGH PEDAL)
26. CONTROL EQUIPMENT(P.T.O. PEDAL)
27. CONTROL VALVE PLATE
85. ARM REST

FRAME

28. TRACK FRAME
29. TURNING FRAME & TURNING BEARING
107. (29A)ADDITIONAL WEIGHT

Contents

OCS10-M51000

Fig. No. Fig. Name

COVER

- 30. COVER(LOWER)
- 31. COVER(TURNING FRAME UNDER)
- 32. COVER(FRONT)
- 33. COVER(HOSE)
- 35. COVER(SIDE)

AROUND SEAT

- 34. COVER(SEAT MOUNT)
- 36. STEP
- 37. INSTRUMENT PANEL
- 38. SEAT
- 98. (38A)SEAT(4P CANOPY)
- 104. (38B)SEAT(INNER PARTS)
- 99. (38C)SEAT BELT
- 39. SEAT MOUNT

BONNET

- 40. BONNET
- 106. (40A)BONNET(ADDITIONAL WEIGHT SPEC.)

CANOPY

- 41. CANOPY
- 100. (41A)CANOPY(4P)
- 105. (41B)CANOPY(2P)(ADDITIONAL WEIGHT SPEC.)

Fig. No. Fig. Name

HYDRAULIC OIL EQUIPMENT

- 42. HYDRAULIC PUMP & JOINT(PUMP : K SPEC.)(TO M09713)
- 94. (42A)HYDRAULIC PUMP & JOINT(PUMP : F SPEC.)(FROM M09714)
- 43. BOOM CYLINDER
- 44. ARM CYLINDER
- 45. BUCKET CYLINDER
- 46. SWING CYLINDER
- 47. BLADE CYLINDER
- 48. VARIABLE LEG WIDEN/SHORTEN CYLINDER
- 49. TRAVEL MOTOR
- 50. TURNIG MOTOR
- 51. SWIVEL JOINT(Y SPEC.)(TO M08211)
- 93. (51A)SWIVEL JOINT(N SPEC.)(FROM M08212)
- 52. CONTROL VALVE(STANDARD : 1/7)(UP TO M04770)
- 53. CONTROL VALVE(STANDARD : 2/7)(UP TO M04770)
- 54. CONTROL VALVE(STANDARD : 3/7)(UP TO M04770)
- 55. CONTROL VALVE(STANDARD : 4/7)(UP TO M04770)
- 56. CONTROL VALVE(STANDARD : 5/7)(UP TO M04770)
- 57. CONTROL VALVE(STANDARD : 6/7)(UP TO M04770)
- 58. CONTROL VALVE(STANDARD : 7/7)(UP TO M04770)
- 86. (58A)CONTROL VALVE(CONNECT SPEC.: 1/7)(FROM M04771)
- 87. (58B)CONTROL VALVE(CONNECT SPEC.: 2/7)(FROM M04771)
- 88. (58C)CONTROL VALVE(CONNECT SPEC.: 3/7)(FROM M04771)
- 89. (58D)CONTROL VALVE(CONNECT SPEC. : 4/7)(FROM M04771)

Contents

OCS10-M51000

Fig. No. Fig. Name

- 90. (58E)CONTROL VALVE(CONNECT SPEC.: 5/7)(FROM M04771)
- 91. (58F)CONTROL VALVE(CONNECT SPEC.: 6/7)(FROM M04771)
- 92. (58G)CONTROL VALVE(CONNECT SPEC.: 7/7)(FROM M04771)
- 59. 2-WAY VALVE
- 60. REMOTE CONTROL VALVE
- 61. STOP VALVE
- 62. HYD.OIL TANK

HYDRAULIC OIL PIPING

- 63. HYD. OIL PIPING(PUMP)(PUMP : K SPEC.)(TO M09713)
- 95. (63A)HYD. OIL PIPING(PUMP)(PUMP : F SPEC.)(FROM M09714)
- 64. HYD. OIL PIPING(LOWER)
- 65. HYD. OIL PIPING(SWIVEL JOINT)
- 66. HYD.OIL PIPING(IMP)
- 67. HYD.OIL PIPING(TURNING MOTOR)
- 68. HYD.OIL PIPING(SWING CYLINDER)
- 69. HYD.OIL PIPING(RESERVER)
- 70. HYD.OIL PIPING(RETURN)
- 71. HYD.OIL PIPING(CONTROL VALVE)
- 72. HYD. OIL PIPING(P.T.O.)
- 73. CONTROL PIPING(1)
- 74. CONTROL PIPING(2)
- 75. GREASING

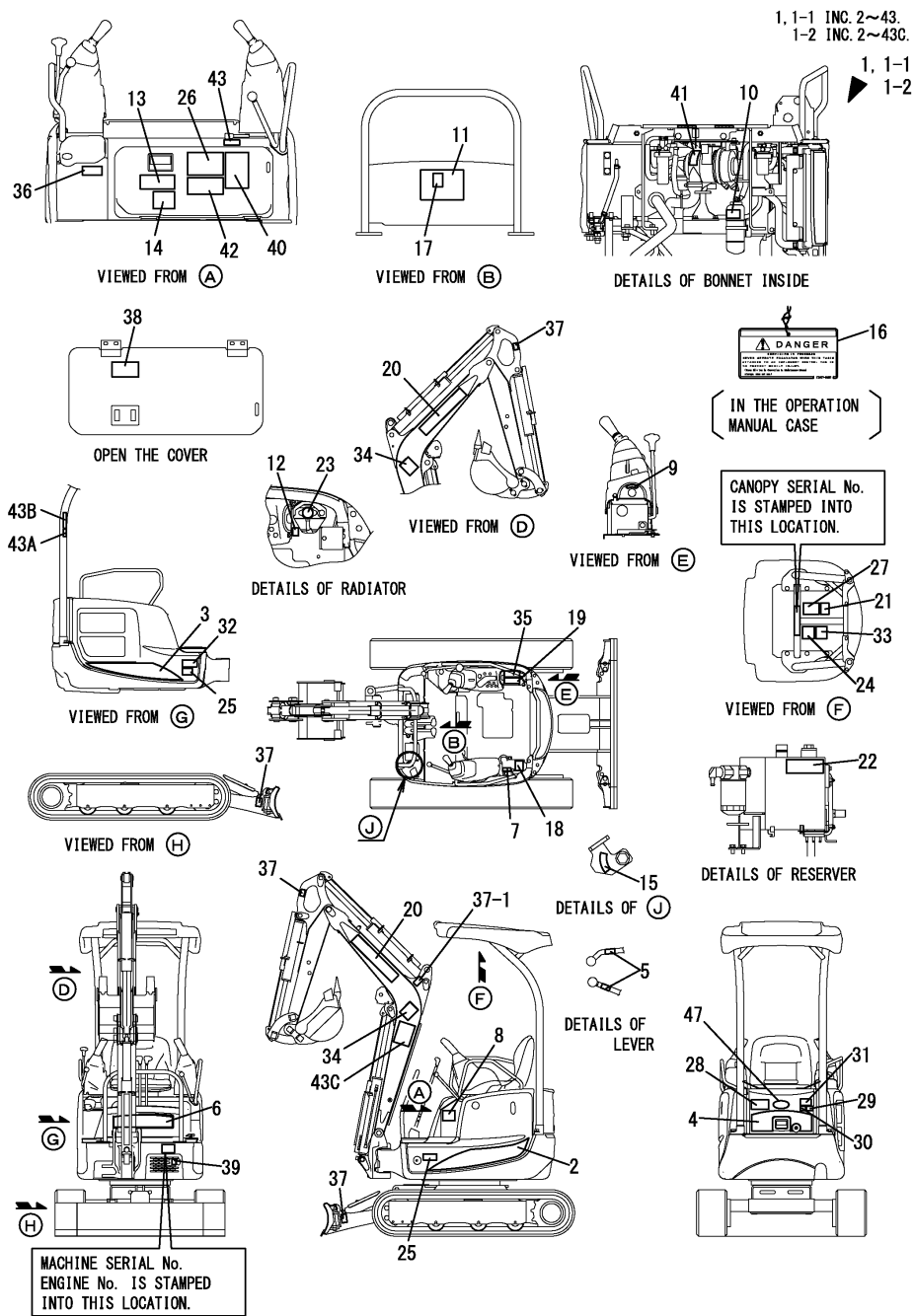
Fig. No. Fig. Name

IMPLEMENT

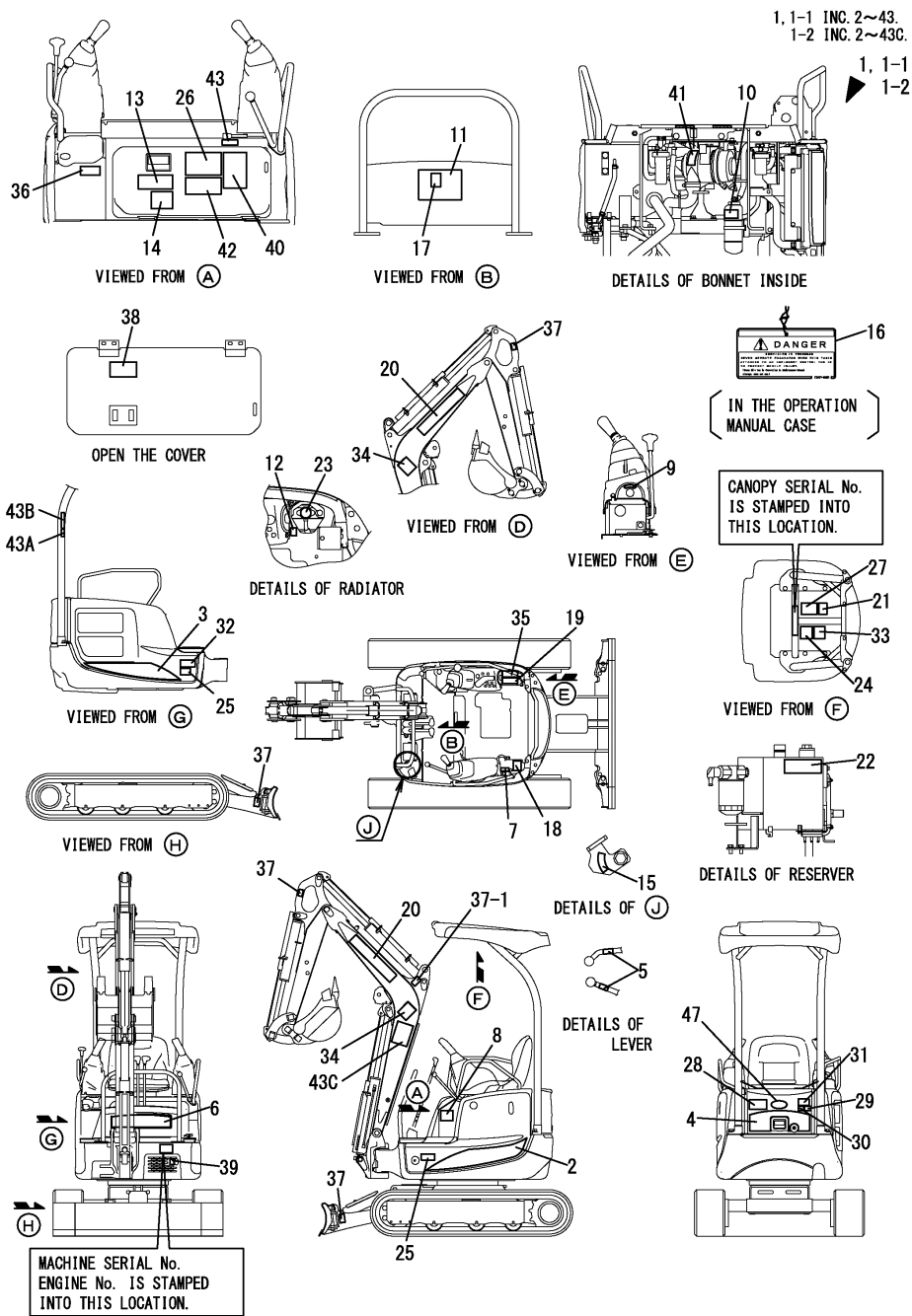
- 76. BOOM BRACKET
- 77. BOOM
- 78. ARM
- 79. BUCKET ARM & LINK
- 80. BUCKET PIN
- 81. BLADE

OPTIONAL & KIT

- 82. SEIVEL JOINT EXCHANGE KIT
- 83. SEIVEL JOINT HOSE EXCHANGE KIT
- 84. WEIGHT KIT(OPTIONAL)

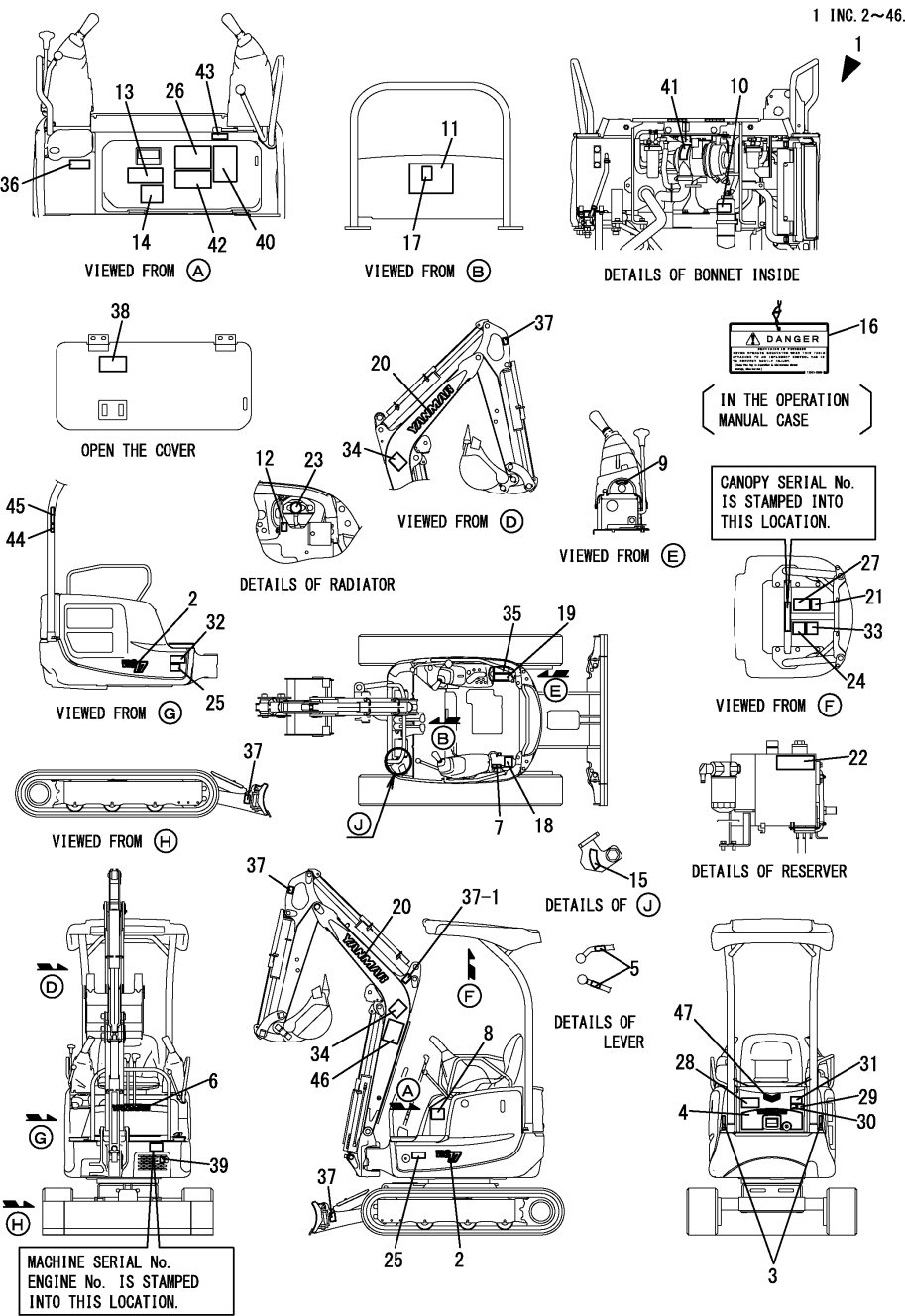


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08340	LABEL SET,VIO17(KR)	1							
1-1	1	172A64-08240	LABEL KIT,VIO17 KR	1						S	
(A=M07001)											
1-2	1	172A64-08241	LABEL KIT,VIO17 KR2P	1						S	
(A=M0E352)											
2	2	172A64-03130	LABEL,VIO17 LEFT	1							
2-1	2	172A64-03230	LABEL,MODEL L	1						N	
(A=M07001)											
3	2	172A64-03140	LABEL,VIO17 RIGHT	1							
3-1	2	172A64-03240	LABEL,MODEL R	1						N	
(A=M07001)											
4	2	172A64-03150	LABEL,VIO17 REAR	1							
5	2	172183-03280	LABEL, LOCK	2							
6	2	172A64-03120	LABEL,VIO17 FRONT	1							
7	2	172519-03150	LABEL, ACCEL	1							
8	2	172472-03160	LABEL,GREASE	1							
9	2	172157-03170	LABEL, KEY SWITCH	1							
9-1	2	172A64-03700	LABEL, START SWITCH	1						N	
(A=M/# 01110)											
10	2	172A38-03201	LABEL, SUB TANK	1							
11	2	172490-03200	LABEL, OPERATION	1							
12	2	172A38-03211	LABEL, ANTI-FREEZING	1							
13	2	172A64-03211	LABEL,SPECIFICATION	1							
13-1	2	172A64-03310	LABEL,SPEC KR	1						S	
(A=M0E352)											
14	2	172437-03242	LABEL, CRAWLER	1							
15	2	172458-03240	LABEL, LOCK	1							
16	2	172437-03252	TAG ASSY, CAUTION	1							
17	2	172496-03250	LABEL, PTO	1							
18	2	172463-03290	LABEL, HYD.OIL	1							
19	2	172437-03302	LABEL, MANUAL	1							
20	2	172A55-03310	LABEL, BRAND 450	2							
20-1	2	172A86-03310	LABEL,YANMAR	2						N	
(A=M07001)											
21	2	172437-03312	LABEL, SLOPE	1							
22	2	172437-03322	LABEL, RESEVOIR	1							
23	2	172462-03320	LABEL, RADIATOR	1							
24	2	172437-03343	LABEL, TRANSPORT	1							
25	2	172437-03352	LABEL, CYLINDER	2							
26	2	172437-03361	LABEL, BATTERY	1							
27	2	172437-03372	LABEL, NEUTRAL	1							
28	2	172A64-03380	LABEL,SWING AREA US	1							
29	2	172437-03391	LABEL, RADIATOR	1							
30	2	172437-03402	LABEL, ENGINE COVER	1							
31	2	172A36-03411	LABEL, ENGINE ROOM	1							
32	2	172437-03422	LABEL, MUFFLER	1							
33	2	172437-03432	LABEL, STEERING	1							
34	2	172437-03461	LABEL, BOOM	2							
35	2	172437-03471	LABEL, LEVER LOCK	1							
36	2	172437-03501	LABEL, FUEL	1							
37	2	172437-03511	LABEL, HOOK	4							



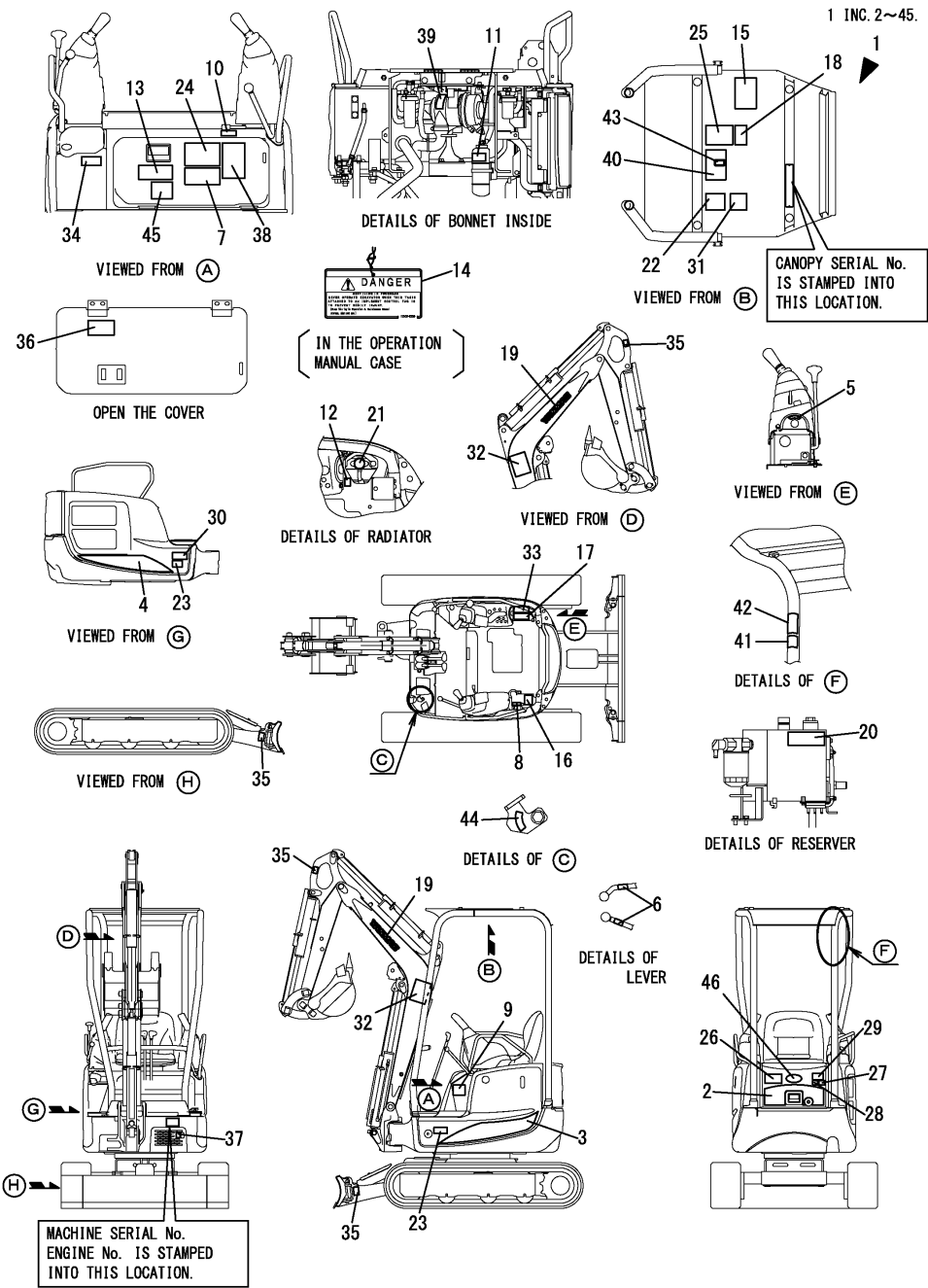
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
37-1	2	172437-03511	LABEL, HOOK	1							K
		(A=*2008.11.)									
38	2	172448-03540	LABEL,FUSE	1							
39	2	172A55-03590	LABEL, GREASE	1							
39-1	2	172A55-03591	LABEL, GREASE	1							N
		(A=M05392)									
40	2	172446-03652	LABEL, VARIABLE US	1							
41	2	172125-03951	LABEL, AIR CLEANER	1							
42	2	172A64-03270	LABEL,OIL & WATER	1							
43	2	172A64-03180	LABEL,W/S OPERATION	1							
43A	2	172499-03270	LABEL, TOPS	1							W
		(A=M0E352)									
43B	2	172437-03451	LABEL, SEAT BELT	1							W
		(A=M0E352)									
43C	2	172446-03621	LABEL,LIFT E	1							W
		(A=M0E352)									
47	1	172A64-03050	EMBLEM ASSY	1							W
		(A=M07001)									

Fig.102. (1A)LABEL(FROM M0F001)



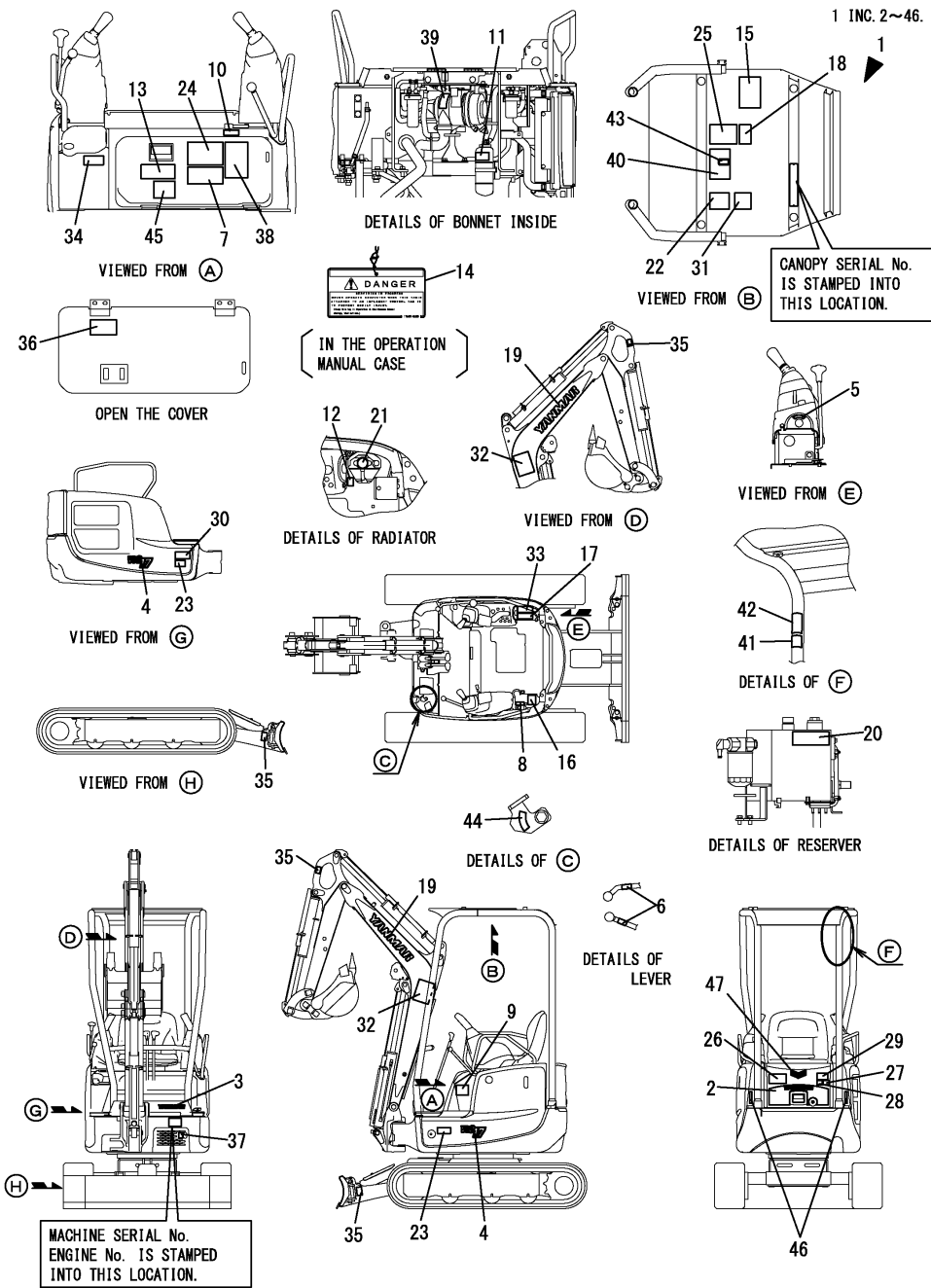
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08242	LABEL KIT,VIO17 KR2P	1							
2	2	172A64-03470	LABEL, MODEL VIO17	2							
3	2	172B04-03970	LABEL, REFLECTOR S	2							
4	2	172A64-03970	LABEL, SPEC. EX KB	1							
5	2	172183-03280	LABEL, LOCK	2							
6	2	172A86-03750	LABEL, YANMAR 280 B	1							
7	2	172519-03150	LABEL, ACCELERATOR	1							
8	2	172472-03160	LABEL, GREASING	1							
9	2	172A64-03700	LABEL, START SWITCH	1							
10	2	172A38-03201	LABEL, SUB TANK	1							
11	2	172490-03200	LABEL, OPERATION	1							
12	2	172A38-03211	LABEL, ANTI-FREEZING	1							
13	2	172A64-03310	LABEL,SPEC KR	1							
14	2	172437-03242	LABEL,ADJUST CRAWLER	1							
15	2	172458-03240	LABEL, LOCK	1							
16	2	172437-03252	TAG ASSY, CAUTION	1							
17	2	172496-03250	LABEL, PTO	1							
18	2	172463-03290	LABEL, OILING US	1							
19	2	172437-03302	LABEL, MANUAL	1							
20	2	172A86-03790	LABEL, YANMAR 450 B	2							
21	2	172437-03312	LABEL, SLOPE	1							
22	2	172437-03322	LABEL, RESERVOIR US	1							
23	2	172462-03320	LABEL, RADIATOR	1							
24	2	172437-03343	LABEL, TRANSPORT	1							
25	2	172437-03352	LABEL, GREASE CYL US	2							
26	2	172437-03361	LABEL, BATTERY	1							
27	2	172437-03372	LABEL, NEUTRAL	1							
28	2	172A64-03380	LABEL, SWING AREA US	1							
29	2	172437-03391	LABEL, RADIATOR	1							
30	2	172437-03402	LABEL, ENGINE COVER	1							
31	2	172A36-03411	LABEL, ENGINE ROOM	1							
32	2	172437-03422	LABEL, SILENCER	1							
33	2	172437-03432	LABEL, STEERING	1							
34	2	172437-03461	LABEL, BOOM	2							
35	2	172437-03471	LABEL, LEVER LOCK US	1							
36	2	172437-03501	LABEL, FUEL US	1							
37	2	172437-03511	LABEL, LIFTING	1							
37-1	2	172437-03512	LABEL,LIFTING	1							R
(A=M0U127)											
38	2	172448-03540	LABEL, FUSE US	1							
39	2	172A55-03591	LABEL, GREASE	1							
40	2	172446-03652	LABEL, VARIABLE US	1							
41	2	172125-03951	LABEL, AIR CLEANER	1							
42	2	172A64-03270	LABEL, OIL&WATER US	1							
43	2	172A64-03180	LABEL, W/S OPERATION	1							
44	2	172499-03270	LABEL, TOPS	1							
45	2	172437-03451	LABEL, SEAT BELT	1							
46	2	172446-03621	LABEL, LIFT E	1							
46-1	2	172446-03622	LABEL,LIFT E	1							N
(A=M0U127)											
47	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

Fig.96. (1B)LABEL(4P CANOPY)(TO M0F000)



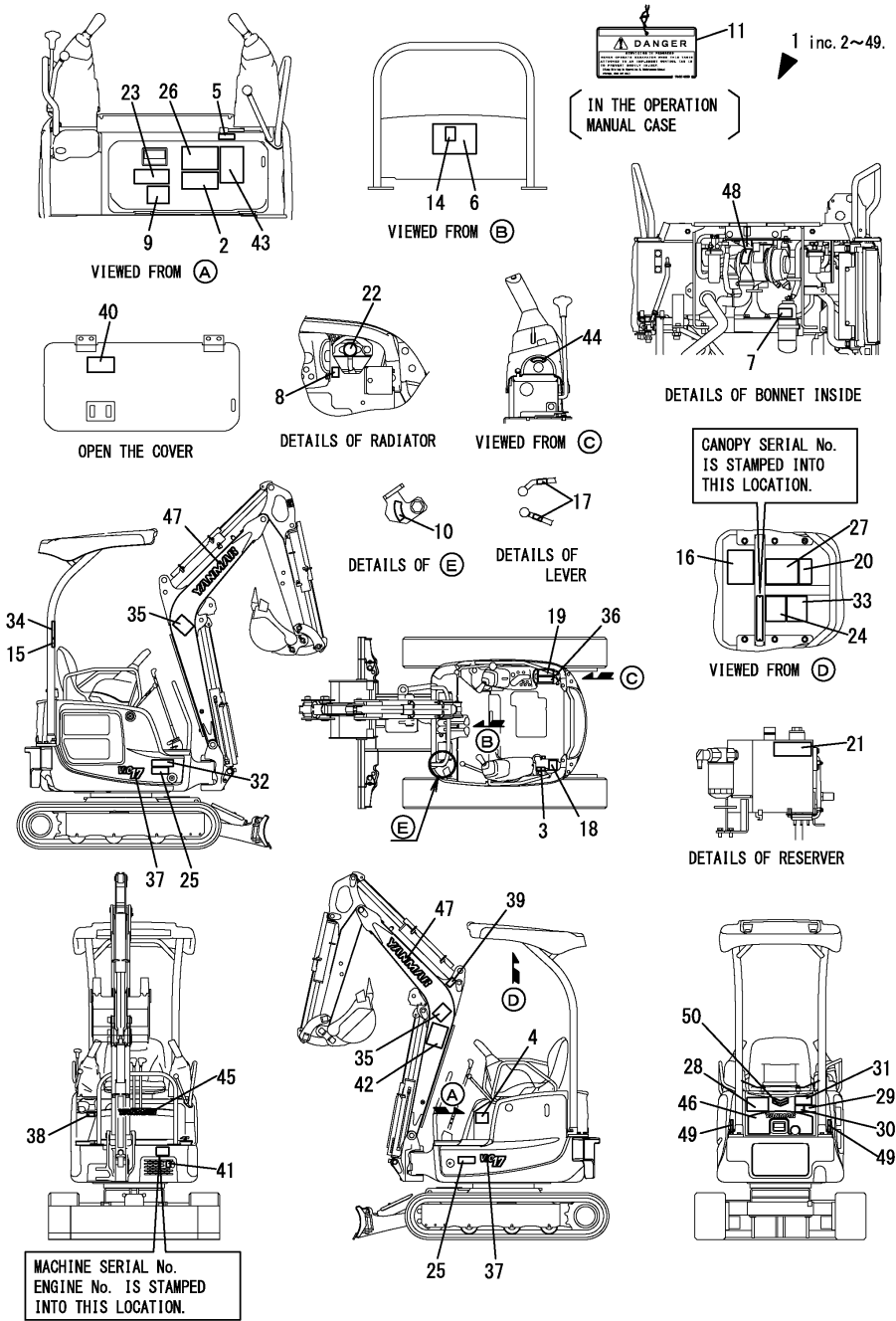
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08250	LABEL KIT,VIO17 KR4P	1							
2	2	172A64-03150	LABEL,VIO17 REAR	1							
3	2	172A64-03230	LABEL,MODEL L	1							
4	2	172A64-03240	LABEL,MODEL R	1							
5	2	172A64-03700	LABEL, START SWITCH	1							
6	2	172183-03280	LABEL, LOCK	2							
7	2	172472-03141	LABEL, SUPPORT	1							
8	2	172519-03150	LABEL, ACCEL	1							
9	2	172472-03160	LABEL,GREASE	1							
10	2	172A64-03180	LABEL,W/S OPERATION	1							
11	2	172A38-03201	LABEL, SUB TANK	1							
12	2	172A38-03211	LABEL, ANTI-FREEZING	1							
13	2	172A64-03211	LABEL,SPECIFICATION	1							
14	2	172437-03252	TAG ASSY, CAUTION	1							
15	2	172A64-03270	LABEL,OIL & WATER	1							
16	2	172463-03290	LABEL, HYD.OIL	1							
17	2	172437-03302	LABEL, MANUAL	1							
18	2	172437-03312	LABEL, SLOPE	1							
19	2	172A86-03310	LABEL,YANMAR	2							
20	2	172437-03322	LABEL, RESEVOIR	1							
21	2	172462-03320	LABEL, RADIATOR	1							
22	2	172437-03343	LABEL, TRANSPORT	1							
23	2	172437-03352	LABEL, CYLINDER	2							
24	2	172437-03361	LABEL, BATTERY	1							
25	2	172437-03372	LABEL, NEUTRAL	1							
26	2	172A64-03380	LABEL,SWING AREA US	1							
27	2	172437-03391	LABEL, RADIATOR	1							
28	2	172437-03402	LABEL, ENGINE COVER	1							
29	2	172A36-03411	LABEL, ENGINE ROOM	1							
30	2	172437-03422	LABEL, MUFFLER	1							
31	2	172437-03432	LABEL, STEERING	1							
32	2	172437-03461	LABEL, BOOM	2							
33	2	172437-03471	LABEL, LEVER LOCK	1							
34	2	172437-03501	LABEL, FUEL	1							
35	2	172437-03511	LABEL, HOOK	4							
36	2	172448-03540	LABEL,FUSE	1							
37	2	172A55-03591	LABEL, GREASE	1							
38	2	172446-03652	LABEL, VARIABLE US	1							
39	2	172125-03951	LABEL, AIR CLEANER	1							
40	2	172490-03200	LABEL, OPERATION	1							
41	2	172437-03441	LABEL, ROPS	1							
42	2	172437-03451	LABEL, SEAT BELT	1							
43	2	172496-03250	LABEL, PTO	1							
44	2	172458-03240	LABEL, LOCK	1							
45	2	172437-03242	LABEL, CRAWLER	1							
46	1	172A64-03050	EMBLEM ASSY	1							

Fig.103. (1C)LABEL(4P CANOPY)(FROM M0F001)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08251	LABEL KIT,VIO17KR4PD	1							
2	2	172A64-03790	LABEL, REAR	1							
3	2	172B16-03180	LABEL,BRAND LOGO 200	1							
4	2	172A64-03470	LABEL, MODEL VIO17	2							
5	2	172A64-03700	LABEL, START SWITCH	1							
6	2	172183-03280	LABEL, LOCK	2							
7	2	172472-03141	LABEL, SUPPORT	1							
8	2	172519-03150	LABEL, ACCELERATOR	1							
9	2	172472-03160	LABEL, GREASING	1							
10	2	172A64-03180	LABEL, W/S OPERATION	1							
11	2	172A38-03201	LABEL, SUB TANK	1							
12	2	172A38-03211	LABEL, ANTI-FREEZING	1							
13	2	172A64-03211	LABEL, SPEC. US	1							
14	2	172437-03252	TAG ASSY, CAUTION	1							
15	2	172A64-03270	LABEL, OIL&WATER US	1							
16	2	172463-03290	LABEL, OILING US	1							
17	2	172437-03302	LABEL, MANUAL	1							
18	2	172437-03312	LABEL, SLOPE	1							
19	2	172A86-03790	LABEL, YANMAR 450 B	2							
20	2	172437-03322	LABEL, RESERVOIR US	1							
21	2	172462-03320	LABEL, RADIATOR	1							
22	2	172437-03343	LABEL, TRANSPORT	1							
23	2	172437-03352	LABEL, GREASE CYL US	2							
24	2	172437-03361	LABEL, BATTERY	1							
25	2	172437-03372	LABEL, NEUTRAL	1							
26	2	172A64-03380	LABEL, SWING AREA US	1							
27	2	172437-03391	LABEL, RADIATOR	1							
28	2	172437-03402	LABEL, ENGINE COVER	1							
29	2	172A36-03411	LABEL, ENGINE ROOM	1							
30	2	172437-03422	LABEL, SILENCER	1							
31	2	172437-03432	LABEL, STEERING	1							
32	2	172437-03461	LABEL, BOOM	2							
33	2	172437-03471	LABEL, LEVER LOCK US	1							
34	2	172437-03501	LABEL, FUEL US	1							
35	2	172437-03511	LABEL, LIFTING	4							
35-1	2	172437-03512	LABEL,LIFTING	4							N
(A=M0U127)											
36	2	172448-03540	LABEL, FUSE US	1							
37	2	172A55-03591	LABEL, GREASE	1							
38	2	172446-03652	LABEL, VARIABLE US	1							
39	2	172125-03951	LABEL, AIR CLEANER	1							
40	2	172490-03200	LABEL, OPERATION	1							
41	2	172437-03441	LABEL, ROPS US	1							
42	2	172437-03451	LABEL, SEAT BELT	1							
43	2	172496-03250	LABEL, PTO	1							
44	2	172458-03240	LABEL, LOCK	1							
45	2	172437-03242	LABEL,ADJUST CRAWLER	1							
46	2	172B04-03970	LABEL, REFLECTOR S	2							
47	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

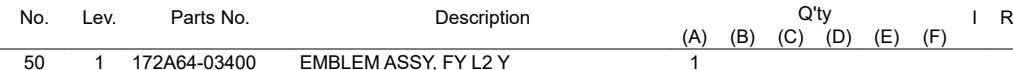
Fig.108. (1D)LABEL(2P CANOPY)(ADDITIONAL WEIGHT SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08260	LABEL KIT,VIO17 KRAW	1							
2	2	172472-03141	LABEL, SUPPORT	1							
3	2	172519-03150	LABEL, ACCELERATOR	1							
4	2	172472-03160	LABEL, GREASING	1							
5	2	172A64-03180	LABEL, W/S OPERATION	1							
6	2	172490-03200	LABEL, OPERATION	1							
7	2	172A38-03201	LABEL, SUB TANK	1							
8	2	172A38-03211	LABEL, ANTI-FREEZING	1							
9	2	172437-03242	LABEL,ADJUST CRAWLER	1							
10	2	172458-03240	LABEL, LOCK	1							
11	2	172437-03252	TAG ASSY, CAUTION	1							
14	2	172496-03250	LABEL, PTO	1							
15	2	172499-03270	LABEL, TOPS	1							
16	2	172A64-03270	LABEL, OIL&WATER US	1							
17	2	172183-03280	LABEL, LOCK	2							
18	2	172463-03290	LABEL, OILING US	1							
19	2	172437-03302	LABEL, MANUAL	1							
20	2	172437-03312	LABEL, SLOPE	1							
21	2	172437-03322	LABEL, RESERVOIR US	1							
22	2	172462-03320	LABEL, RADIATOR	1							
23	2	172A64-03320	LABEL,SPEC KR AW	1							
24	2	172437-03343	LABEL, TRANSPORT	1							
25	2	172437-03352	LABEL, GREASE CYL US	2							
26	2	172437-03361	LABEL, BATTERY	1							
27	2	172437-03372	LABEL, NEUTRAL	1							
28	2	172A64-03380	LABEL, SWING AREA US	1							
29	2	172437-03391	LABEL, RADIATOR	1							
30	2	172437-03402	LABEL, ENGINE COVER	1							
31	2	172A36-03411	LABEL, ENGINE ROOM	1							
32	2	172437-03422	LABEL, SILENCER	1							
33	2	172437-03432	LABEL, STEERING	1							
34	2	172437-03451	LABEL, SEAT BELT	1							
35	2	172437-03461	LABEL, BOOM	2							
36	2	172437-03471	LABEL, LEVER LOCK US	1							
37	2	172A64-03470	LABEL, MODEL VIO17	2							
38	2	172437-03501	LABEL, FUEL US	1							
39	2	172437-03511	LABEL, LIFTING	1							
39-1	2	172437-03512	LABEL,LIFTING	1							R
(A=M0U127)											
40	2	172448-03540	LABEL, FUSE US	1							
41	2	172A55-03591	LABEL, GREASE	1							
42	2	172446-03621	LABEL, LIFT E	1							
42-1	2	172446-03622	LABEL,LIFT E	1							N
(A=M0U127)											
43	2	172446-03652	LABEL, VARIABLE US	1							
44	2	172A64-03700	LABEL, START SWITCH	1							
45	2	172A86-03750	LABEL, YANMAR 280 B	1							
46	2	172A64-03790	LABEL, REAR	1							
47	2	172A86-03790	LABEL, YANMAR 450 B	2							
48	2	172125-03951	LABEL, AIR CLEANER	1							
49	2	172B04-03970	LABEL, REFLECTOR S	2							

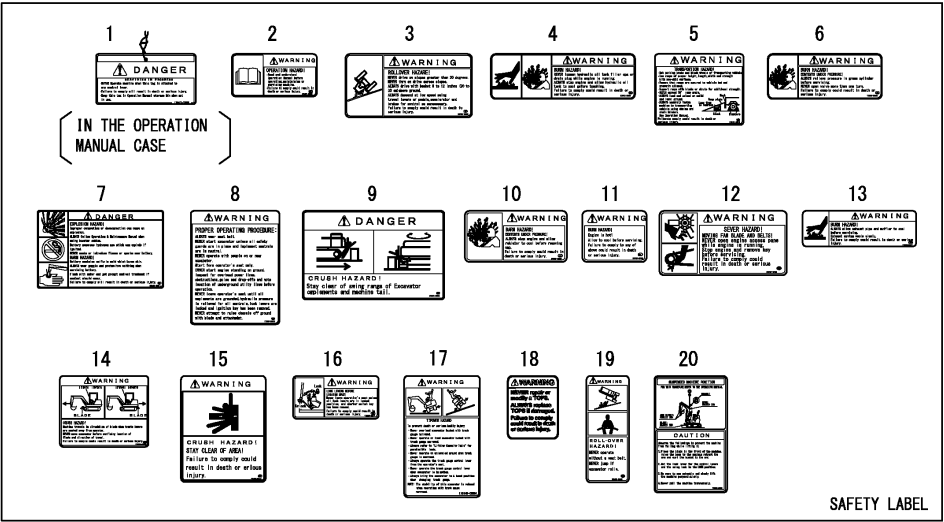
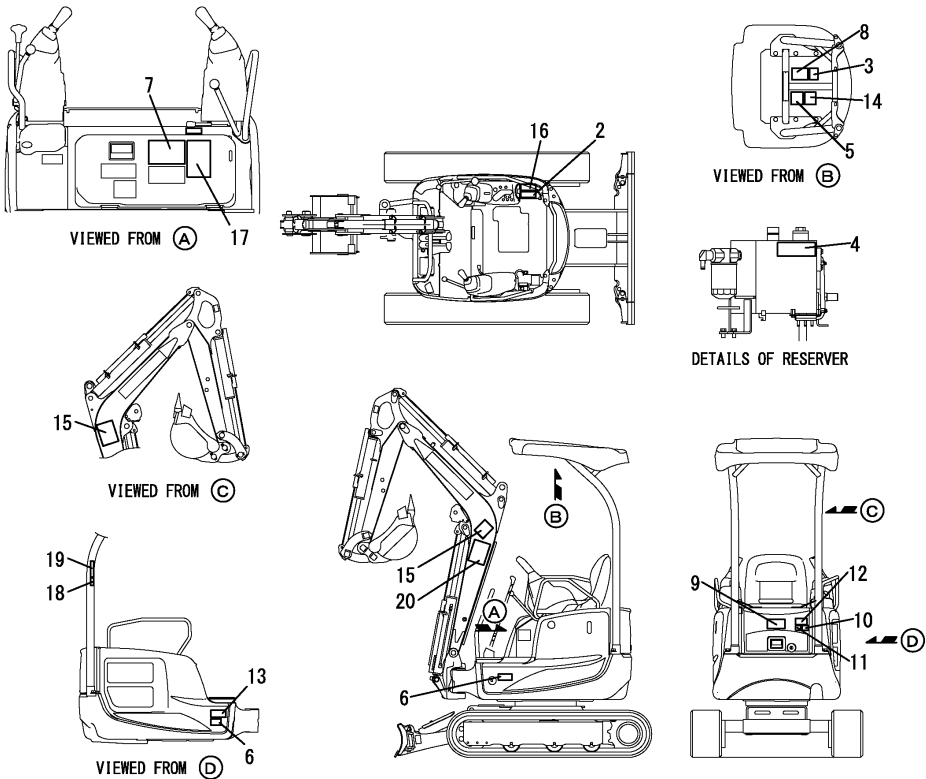
(A)=VIO17(KR)
(B)=
(C)=

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



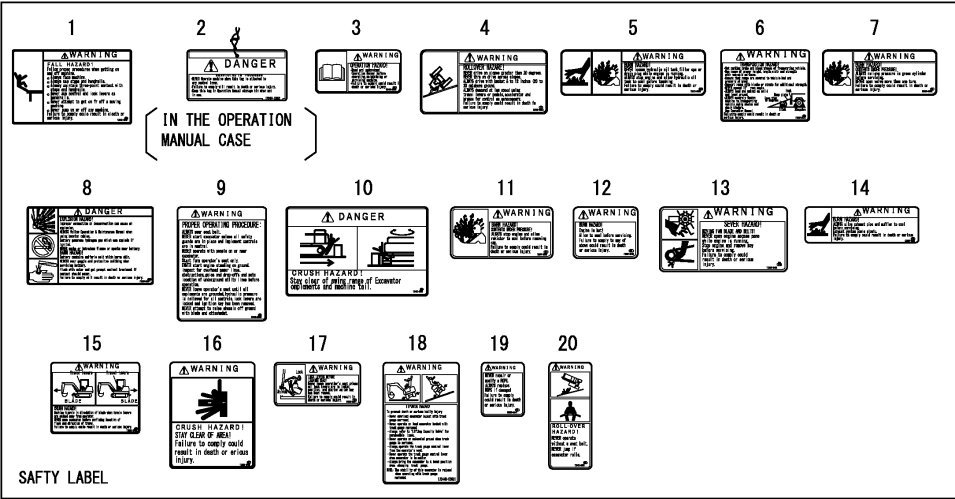
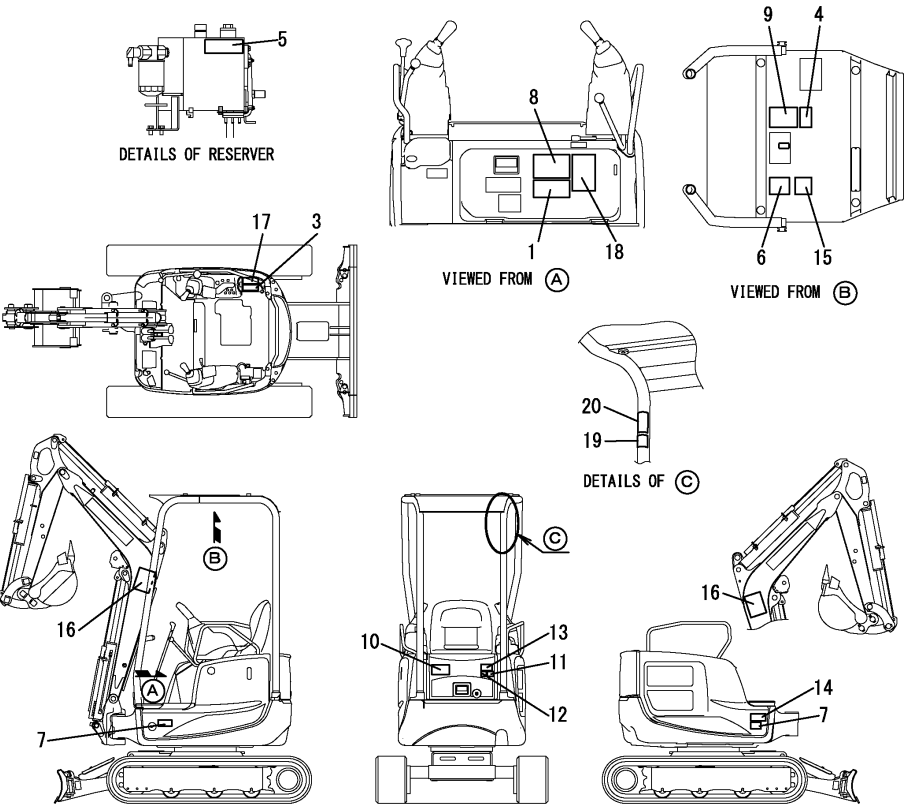
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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



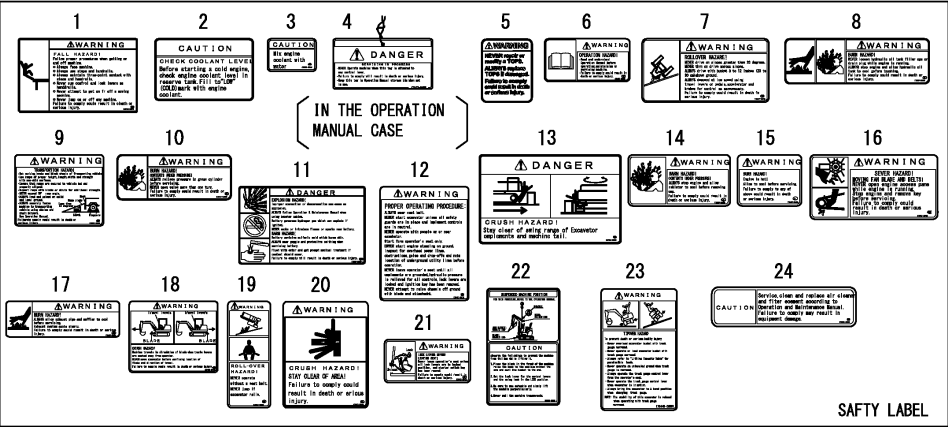
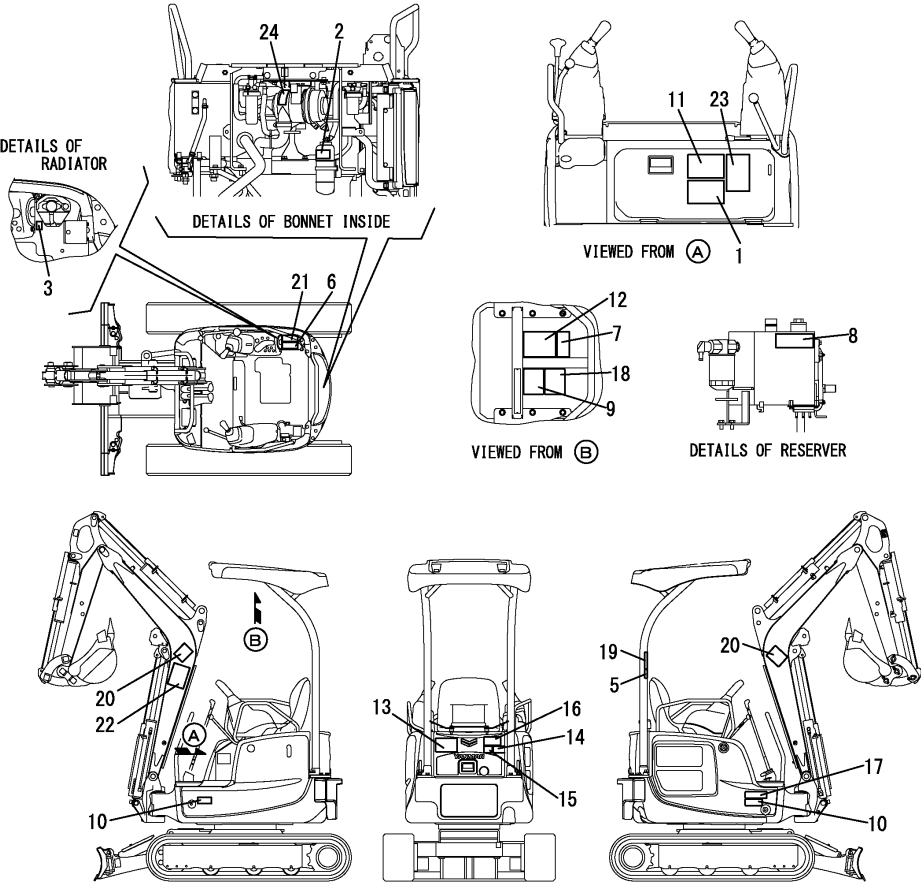
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172437-03252	TAG ASSY, CAUTION	1							
2	1	172437-03302	LABEL, MANUAL	1							
3	1	172437-03312	LABEL, SLOPE	1							
4	1	172437-03322	LABEL, RESERVOIR US	1							
5	1	172437-03343	LABEL, TRANSPORT	1							
6	1	172437-03352	LABEL, GREASE CYL US	2							
7	1	172437-03361	LABEL, BATTERY	1							
8	1	172437-03372	LABEL, NEUTRAL	1							
9	1	172A64-03380	LABEL, SWING AREA US	1							
10	1	172437-03391	LABEL, RADIATOR	1							
11	1	172437-03402	LABEL, ENGINE COVER	1							
12	1	172A36-03411	LABEL, ENGINE ROOM	1							
13	1	172437-03422	LABEL, SILENCER	1							
14	1	172437-03432	LABEL, STEERING	1							
15	1	172437-03461	LABEL, BOOM	2							
16	1	172437-03471	LABEL, LEVER LOCK US	1							
17	1	172446-03652	LABEL, VARIABLE US	1							
18	1	172499-03270	LABEL, TOPS	1							W
(A=M0E352)											
19	1	172437-03451	LABEL, SEAT BELT	1							W
(A=M0E352)											
20	1	172446-03621	LABEL, LIFT E	1							W
(A=M02063)											
20-1	1	172446-03622	LABEL,LIFT E	1							N
(A=*2021.12)											

Fig.97. (2A)LABEL(SAFETY)(4P CANOPY)



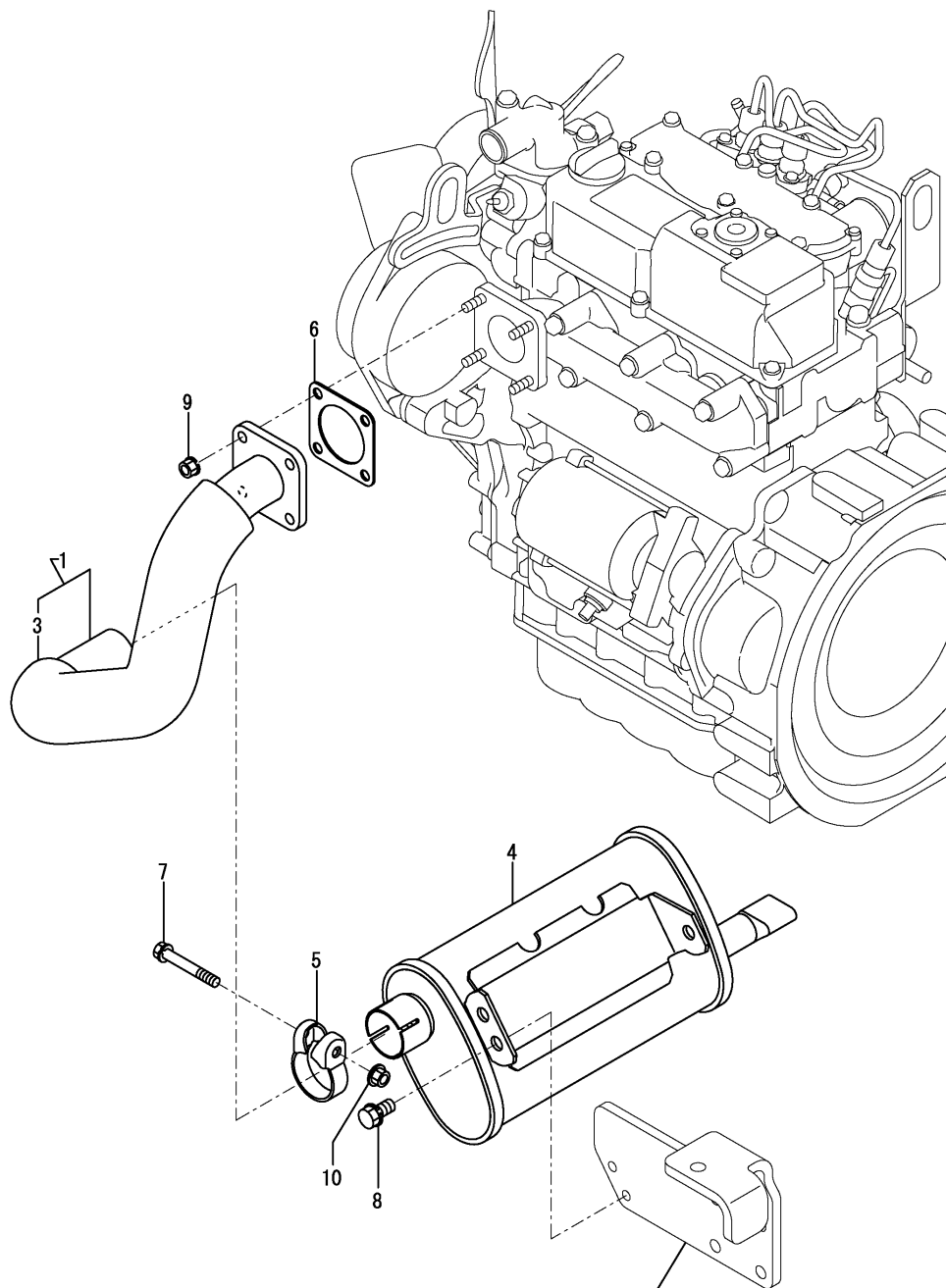
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03141	LABEL, SUPPORT	1							
2	1	172437-03252	TAG ASSY, CAUTION	1							
3	1	172437-03302	LABEL, MANUAL	1							
4	1	172437-03312	LABEL, SLOPE	1							
5	1	172437-03322	LABEL, RESEVOIR	1							
6	1	172437-03343	LABEL, TRANSPORT	1							
7	1	172437-03352	LABEL, CYLINDER	2							
8	1	172437-03361	LABEL, BATTERY	1							
9	1	172437-03372	LABEL, NEUTRAL	1							
10	1	172A64-03380	LABEL,SWING AREA US	1							
11	1	172437-03391	LABEL, RADIATOR	1							
12	1	172437-03402	LABEL, ENGINE COVER	1							
13	1	172A36-03411	LABEL, ENGINE ROOM	1							
14	1	172437-03422	LABEL, MUFFLER	1							
15	1	172437-03432	LABEL, STEERING	1							
16	1	172437-03461	LABEL, BOOM	2							
17	1	172437-03471	LABEL, LEVER LOCK	1							
18	1	172446-03652	LABEL, VARIABLE US	1							
19	1	172437-03441	LABEL, ROPS	1							
20	1	172437-03451	LABEL, SEAT BELT	1							

Fig.109. (2B)LABEL(SAFETY)(2P CANOPY)(ADDITIONAL WEIGHT SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03141	LABEL, SUPPORT	1							
2	1	172A38-03201	LABEL, SUB TANK	1							
3	1	172A38-03211	LABEL, ANTI-FREEZING	1							
4	1	172437-03252	TAG ASSY, CAUTION	1							
5	1	172499-03270	LABEL, TOPS	1							
6	1	172437-03302	LABEL, MANUAL	1							
7	1	172437-03312	LABEL, SLOPE	1							
8	1	172437-03322	LABEL, RESERVOIR US	1							
9	1	172437-03343	LABEL, TRANSPORT	1							
10	1	172437-03352	LABEL, GREASE CYL US	2							
11	1	172437-03361	LABEL, BATTERY	1							
12	1	172437-03372	LABEL, NEUTRAL	1							
13	1	172A64-03380	LABEL, SWING AREA US	1							
14	1	172437-03391	LABEL, RADIATOR	1							
15	1	172437-03402	LABEL, ENGINE COVER	1							
16	1	172A36-03411	LABEL, ENGINE ROOM	1							
17	1	172437-03422	LABEL, SILENCER	1							
18	1	172437-03432	LABEL, STEERING	1							
19	1	172437-03451	LABEL, SEAT BELT	1							
20	1	172437-03461	LABEL, BOOM	2							
21	1	172437-03471	LABEL, LEVER LOCK US	1							
22	1	172446-03621	LABEL, LIFT E	1							
22-1	1	172446-03622	LABEL, LIFT E	1							N
(A=*2021.12)											
23	1	172446-03652	LABEL, VARIABLE US	1							
24	1	172125-03951	LABEL, AIR CLEANER	1							

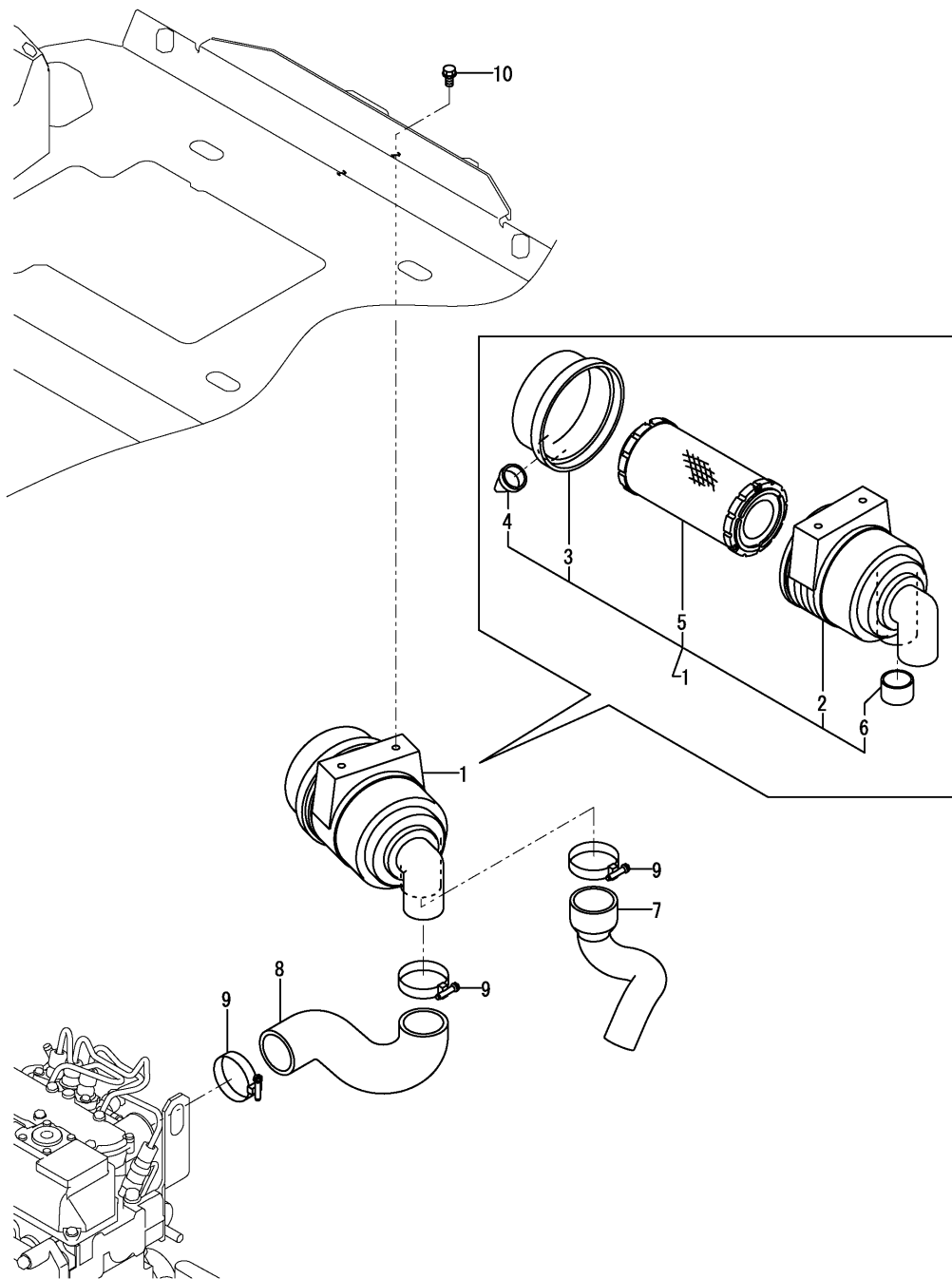
Fig.3. SILENSER



REFER TO Fig. 6-

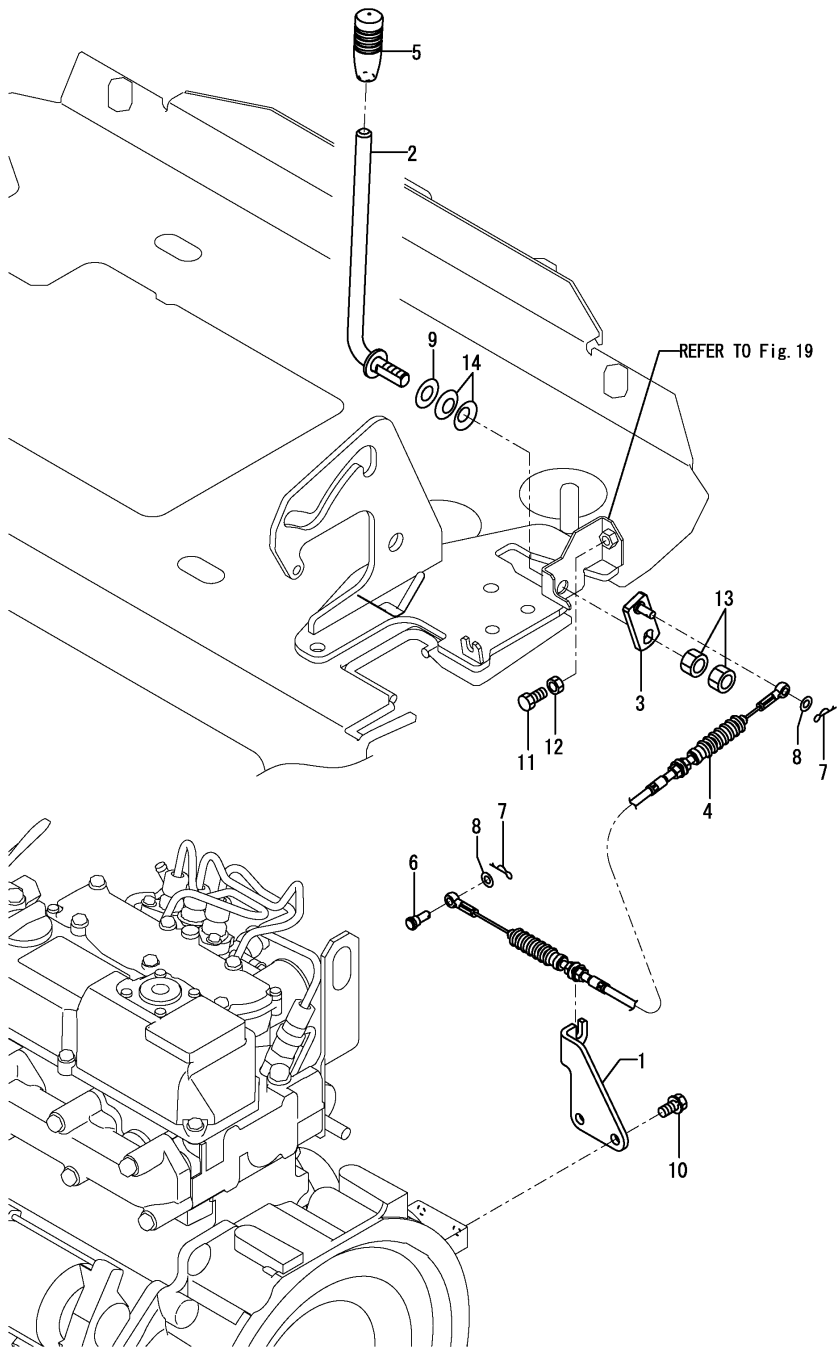
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-11310	PIPE ASSY, INLET	1							
1-1	1	172A64-11311 (A=*2025.08.)	PIPE ASSY, INLET	1							N
3	2	172183-11400 (A=*2025.08.)	HEAT INSULATOR	1							Z
4	1	172A64-11330	SILENCER ASSY	1							
5	1	172A64-11340	CLAMP	1							
6	1	124701-11911	GASKET, SILENCER	1							
7	1	26013-080552	BOLT, M8X 55	1							
8	1	26013-100162	BOLT, M10X 16	3							
9	1	26051-080002	NUT, M8	4							
10	1	26366-080002	NUT, M8	1							

Fig.4. AIR CLEANER



No.	Lev.	Parts No.	Description	(A)=VIO17(KR)						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-11500	CLEANER ASSY, AIR	1							
2	2	172448-11510	BODY	1							
3	2	119258-12530	COVER ASSY.	1							
4	2	119808-12540	VALVE, UNLOADER	1							
5	2	119655-12560	ELEMENT	1							
6	2	105027-12580	RING	1							
7	1	172A64-11520	HOSE, AIR CLEANER	1							
8	1	172A64-11530	HOSE, AIR CLEANER	1							
9	1	23000-060000	CLAMP, 60	3							
10	1	26013-080162	BOLT, M8X 16	2							

Fig.5. ACCELERATOR LEVER



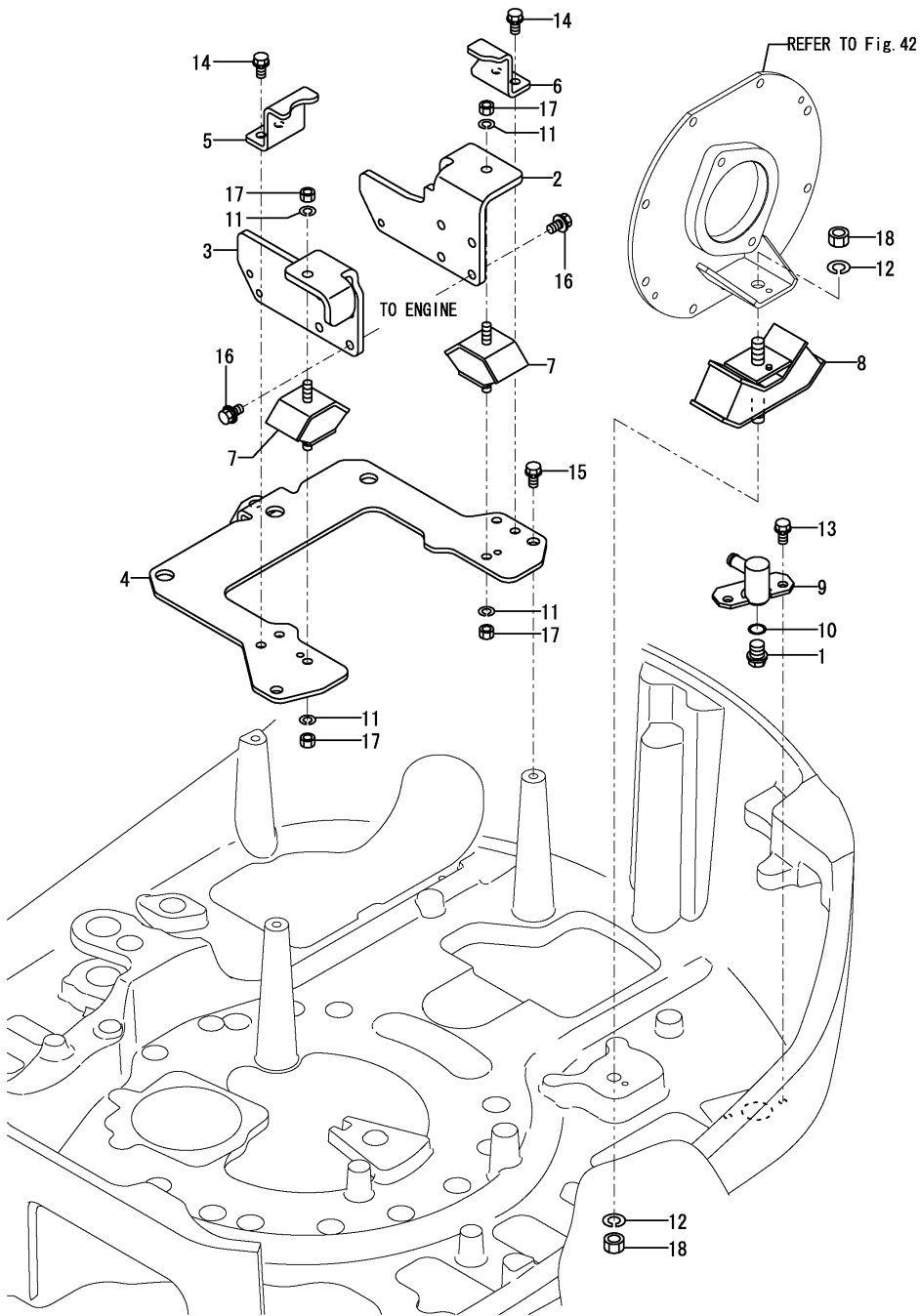
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty	(D)	(E)	(F)	I	R
1	1	172A64-12100	BRACKET,WIRE	1								
2	1	172A64-12140	LEVER ASSY,ACCEL	1								
3	1	172A64-12180	ARM ASSY	1								
3-1	1	172A64-12181	ARM ASSY	1							N	
		(A=MZZZZZ)										
4	1	172A64-12200	CABLE, ACCELERATOR	1								
5	1	172498-12250	GRIP, ACCELERATOR	1								
6	1	172113-12522	PIN	1								
7	1	1C6281-52310	PIN, SNAP 6	2								
8	1	22137-060000	WASHER, 6	2								
9	1	22137-120000	WASHER, 12	1								
9-1	1	172653-73200	WASHER, 12.5X26	1							N	
		(A=MZZZZZ)										
10	1	26013-080162	BOLT, M8X 16	2								
11	1	26116-080252	BOLT, M8X 25 PLATED	1								
12	1	26716-080002	NUT, M8	1								
13	1	26756-120002	NUT, LOCK M12	2								
14	1	933170-01490	SPRING	2								

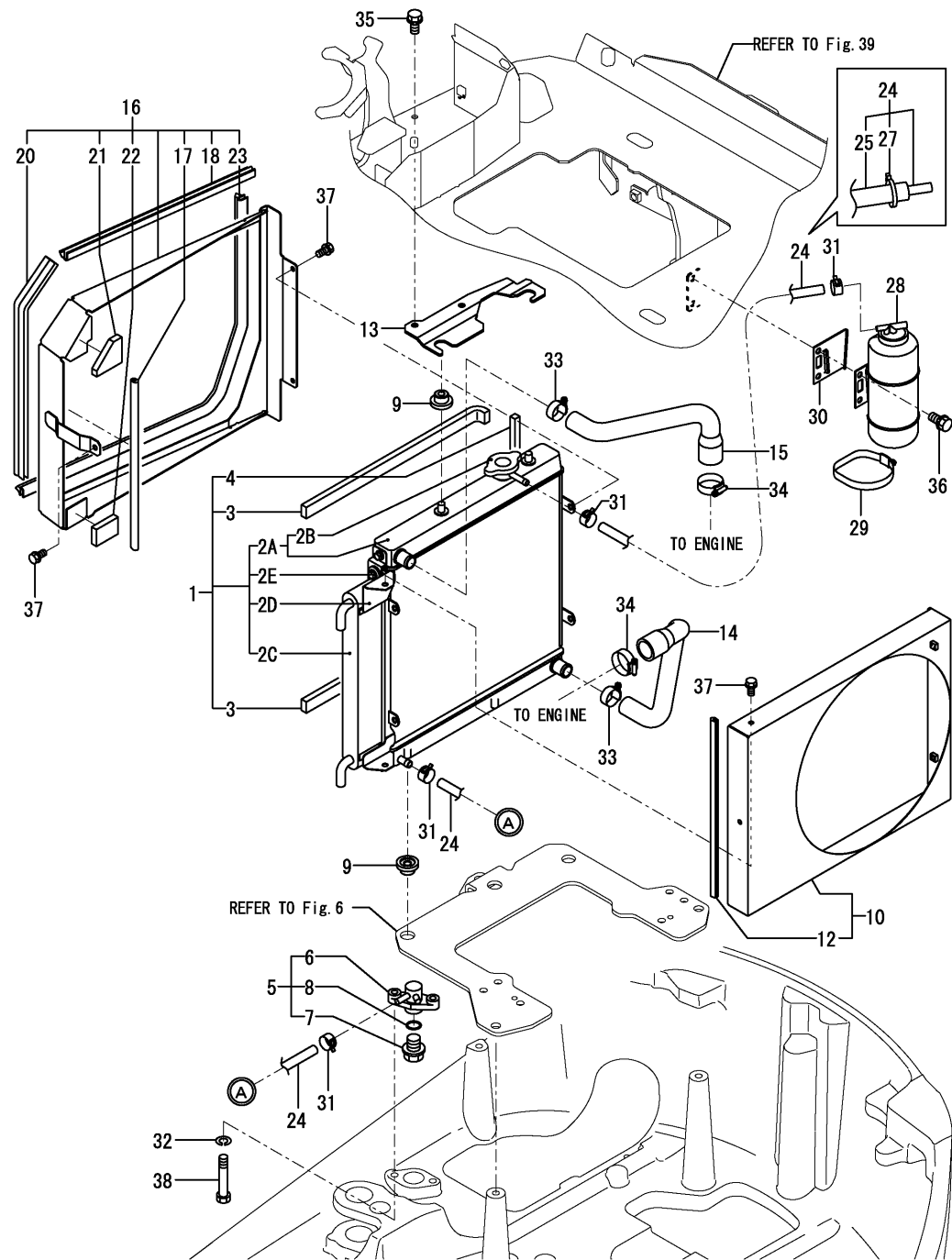
(A)=VIO17(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105425-01690	PLUG, M16	1							
2	1	172A64-13100	MOUNT FL,ENGINE	1							
3	1	172A64-13110	MOUNT FR,ENGINE	1							
4	1	172A64-13120	MOUNT ASSY,ENGINE	1							
5	1	172A64-13150	STOPPER	1							
6	1	172A64-13160	STOPPER	1							
7	1	172179-13211	RUBBER, ANTI VIBRAT.	2							
8	1	172447-13260	ABSOBER,SHOCK 290K	1							
9	1	172A55-13700	BLOCK ASSY, DRAIN	1							
10	1	22190-160002	WASHER, SEAL 16	1							
11	1	22217-100000	WASHER, SPRING 10	4							
12	1	22217-140000	WASHER, SPRING 14	2							
13	1	26013-100202	BOLT, SPRING M10X 20	2							
14	1	26013-100252	BOLT, SPRING M10X 25	4							
15	1	26013-120302	BOLT, M12X 30	3							
16	1	26014-100252	BOLT, M10X 25	8							
17	1	26716-100002	NUT, M10	4							
18	1	26736-140002	NUT, M14	2							

Fig.7. RADIATOR & MOUNT

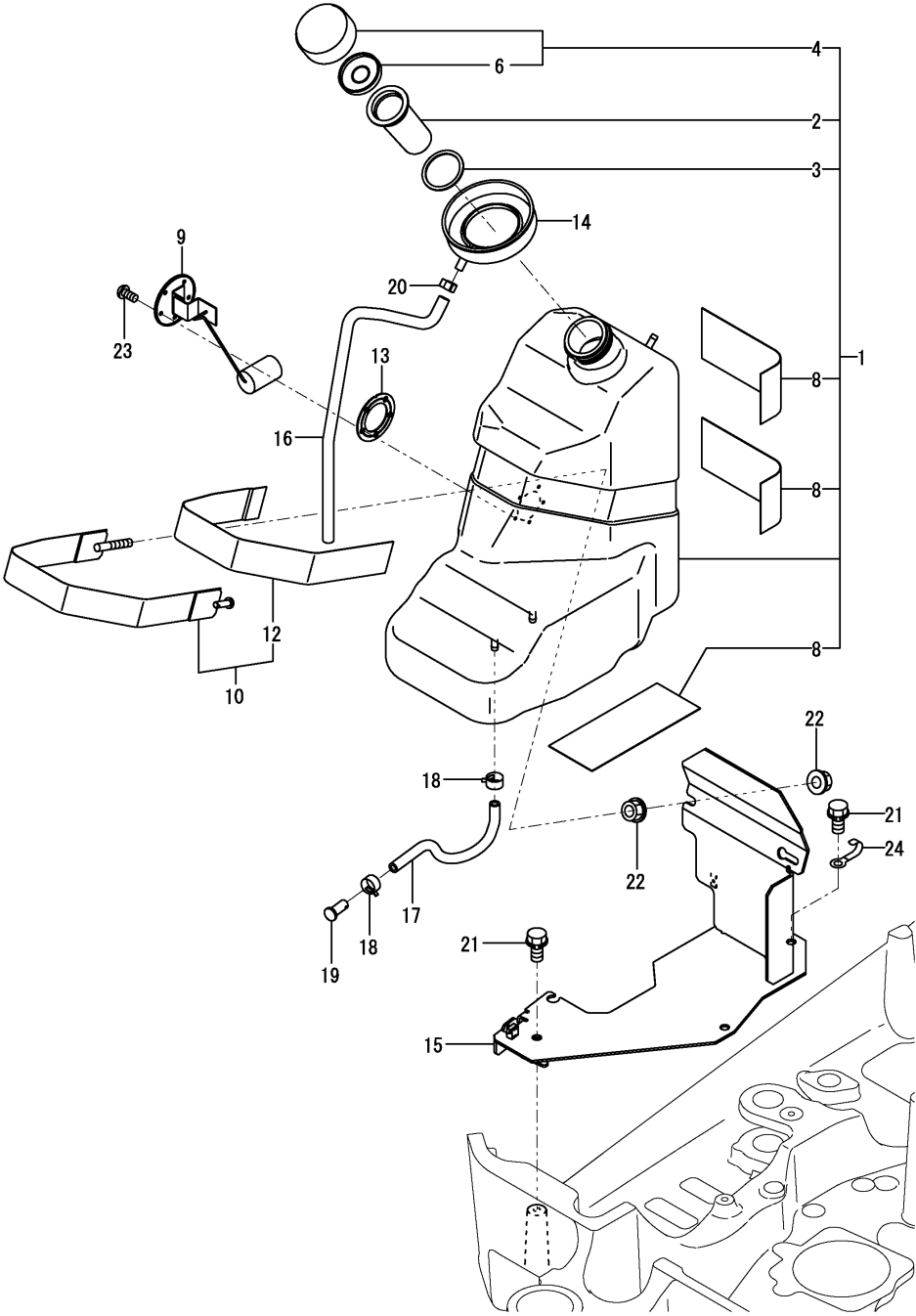


OCS10-M51000 Fig.7												
(A)=VIO17(KR)												
(D)=												
(E)=												
(F)=												
Q'ty												
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
1	1	172A64-13190	RADIATOR ASSY	1								
2A	3	172A64-13210	RADIATOR ASSY	1							W	
(A=MXXXXX)												
2B	4	172446-13450	CAP, PRESSURE	1							W	
(A=MXXXXX)												
2C	3	172A64-13220	COOLER ASSY, OIL	1							W	
(A=MXXXXX)												
2D	3	172A64-13230	SUPPORT ASSY	1							W	
(A=MXXXXX)												
2E	3	26014-060122	BOLT, M6X 12	5							W	
(A=MXXXXX)												
3	2	172A64-13310	SEAL	2								
4	2	172A64-13320	SEAL	1								
5	1	172444-13210	COCK ASSY, 2-WAY	1								
6	2	172444-13220	BODY	1								
7	2	121250-49121	PLUG, DRAIN	1								
8	2	24311-000160	O-RING, 1AP16.0	1								
9	1	172446-13330	ABSOBER,SHOCK	4								
10	1	172A64-13360	SHROUD ASSY	1								
12	2	172456-13480	TRIM	1								
13	1	172A64-13400	BRACKET ASSY,UP	1								
14	1	172A64-13510	PIPE, WATER	1								
15	1	172A64-13520	PIPE, WATER	1								
16	1	172A64-13700	DUCT ASSY	1								
17	2	172638-06710	RUBBER, CUSHION 300	1								
18	2	172A64-13680	SEAL	1								
20	2	172A64-13760	SEAL	1								
21	2	172A64-13770	SEAL	1								
22	2	172A64-13780	SEAL	1								
23	2	172A64-13790	SEAL	1								
24	1	172186-13810	HOSE ASSY	2								
25	2	172186-13820	TUBE, CORRUGATED	2								
27	2	933168-55770	BAND 146	4								
28	1	119813-44510	TANK ASSY	1								
29	1	124450-44550	BAND	1								
30	1	121256-44600	BRACKET, SUB TANK	1								
31	1	124766-59050	CLIP, HOSE 12	4								
32	1	22217-080000	WASHER, SPRING 8	2								
33	1	23001-025000	CLAMP, HOSE 25	2								
34	1	23001-041000	CLAMP, HOSE 41	2								
35	1	26013-080162	BOLT, M8X 16	2								
36	1	26013-080162	BOLT, M8X 16	2								
37	1	26014-060122	BOLT, M6X 12	5								
38	1	26116-080452	BOLT, M8X 45 PLATED	2								

Fig.8. FUEL TANK

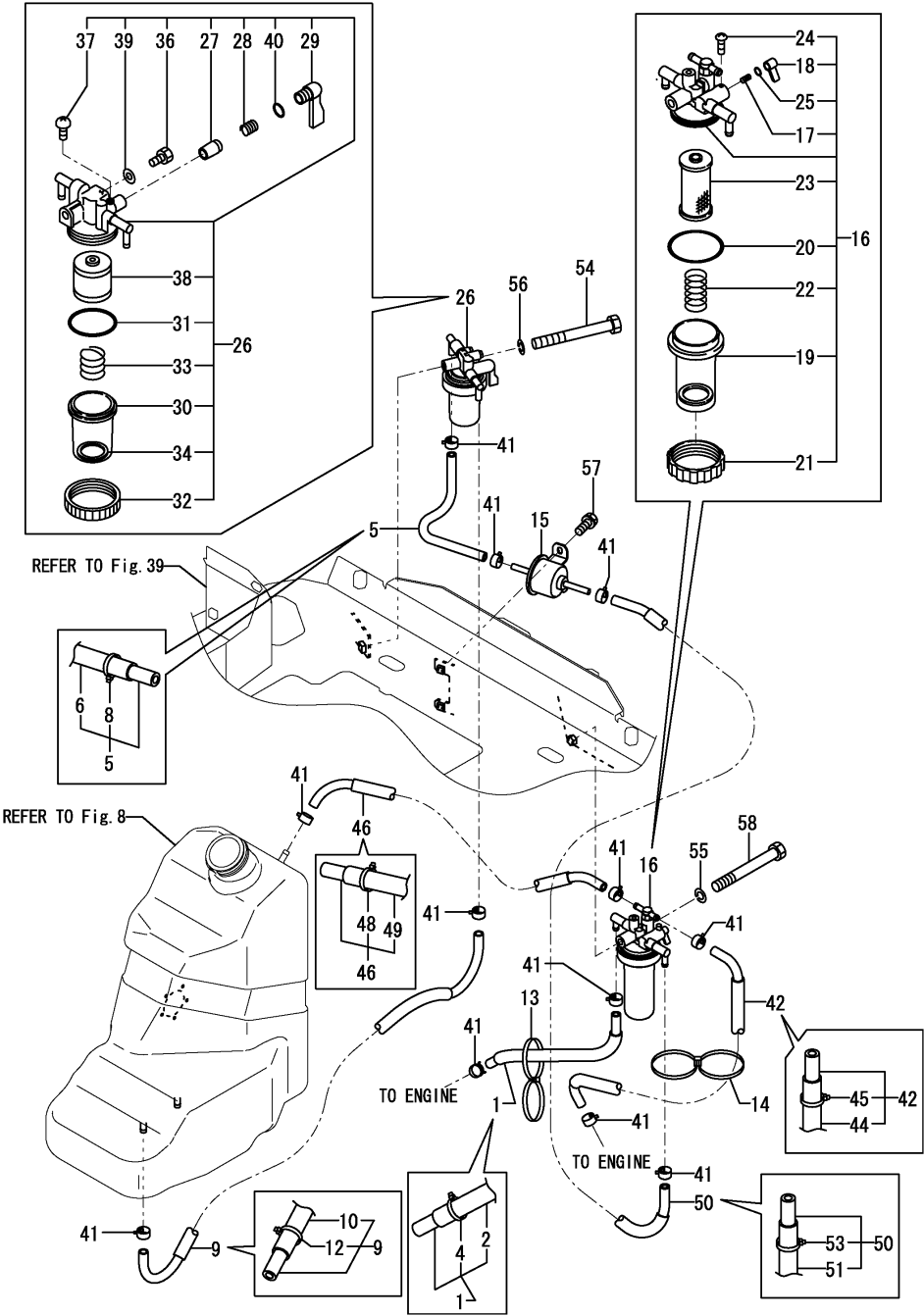
(A)=VIO17(KR)
(B)=
(C)=

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

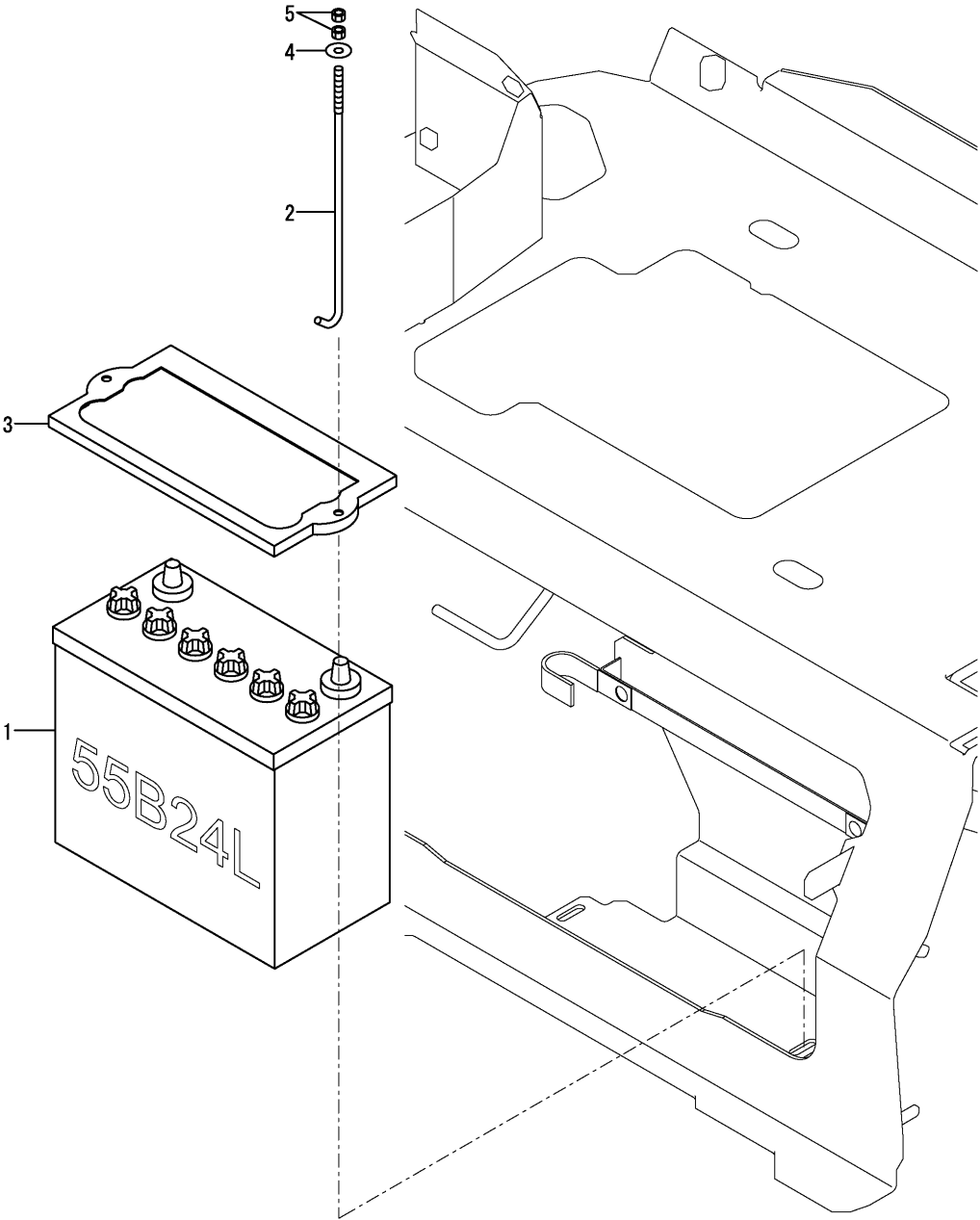


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-14110	TANK ASSY, FUEL	1							
2	2	194151-04141	STRAINER, FUEL TANK	1							
3	2	194151-04150	GASKET, STRAINER	1							
4	2	194250-04301	CAP ASSY, FUEL TANK	1							
6	3	194250-04321	VALVE, VENT	1							
8	2	172A29-62900	PLATE, RUBBER A	3							
9	1	172456-14151	GAUGE, FUEL	1							
10	1	172A64-14200	CLAMP ASSY, FUEL	1							
12	2	172A64-14230	PLATE, RUBBER	1							
13	1	172162-14200	GASKET	1							
14	1	172458-14370	SUMP, FUEL	1							
15	1	172A64-14410	MOUNT ASSY,FUEL TANK	1							
16	1	172455-14470	HOSE, 9.5X600	1							
17	1	172171-14610	HOSE, FUEL 260	1							
17-1	1	172B04-15960	HOSE, FO 260	1							N
(A=*2020.06)											
18	1	124766-59050	CLAMP, HOSE 11.5	2							
18-1	1	106990-44660	CLAMP, HOSE 12.5	2							N
(A=*2020.06)											
19	1	22487-080160	PIN, H 8X 16	1							
20	1	23080-013000	CLAMP, 13	1							
21	1	26013-100202	BOLT, M10X 20	3							
22	1	26367-100002	NUT, M10	2							
23	1	26557-050122	SCREW, M5X12	5							
23-1	1	26022-050122	SCREW, M5X12	5							N
(A=M00501)											
24	1	172126-16540	CLAMP, 10X70	1							

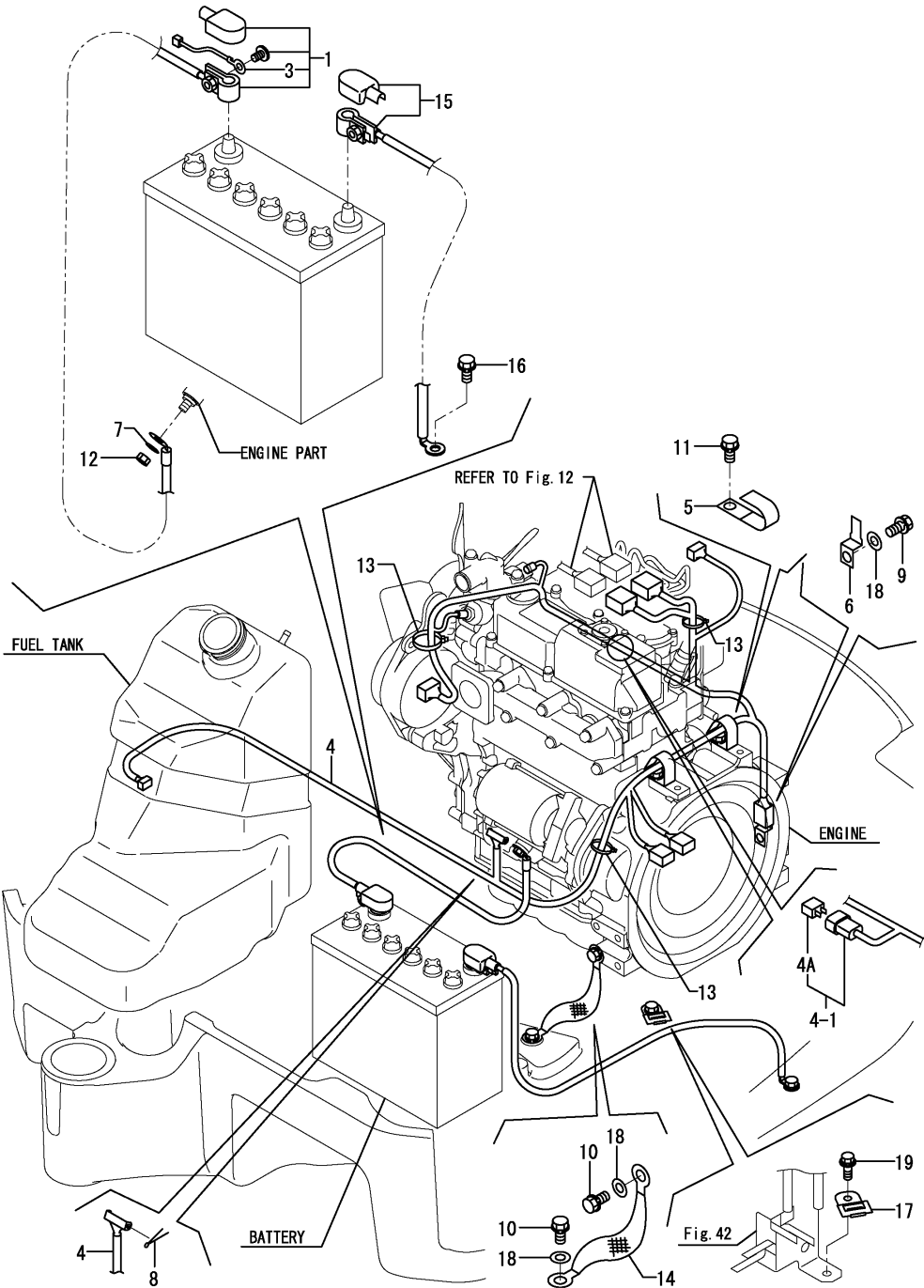
Fig.9. FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-13810	HOSE ASSY	1							
2	2	172186-13820	TUBE, CORRUGATED	1							
4	2	933168-55770	BAND 146	2							
5	1	172A64-14250	HOSE, FUEL OIL	1							
6	2	172A64-14260	TUBE, CORRUGATED	1							
8	2	933168-55770	BAND 146	2							
9	1	172456-14610	HOSE, FUEL OIL	1							
10	2	172456-14620	TUBE, CORRUGATED	1							
12	2	933168-55770	BAND 146	2							
13	1	172137-16560	BAND	1							
14	1	172137-16560	BAND	2							
15	1	129612-52100	PUMP ASSY, FUEL FEED	1							
16	1	119833-55620	FILTER ASSY, FUEL	1							
17	2	104200-55330	SPRING, VALVE	1							
18	2	119810-55340	LEVER	1							
19	2	121254-55510	COVER	1							
20	2	102103-55520	O-RING	1							
21	2	110250-55610	RING, RETAINING	1							
22	2	121250-55620	SPRING	1							
23	2	119810-55650	ELEMENT	1							
24	2	104200-55750	SCREW, M4	1							
25	2	24311-240100	O-RING, 1AP10A	1							
26	1	129335-55700	SEPARATOR ASSY, WATER	1							
27	2	104200-55321	VALVE, TAPER	1							
28	2	104200-55330	SPRING, VALVE	1							
29	2	104200-55341	HANDLE	1							
30	2	124064-55510	COVER	1							
31	2	102103-55520	O-RING	1							
32	2	110250-55610	RING, RETAINING	1							
33	2	121257-55720	SPRING	1							
34	2	121257-55731	FLOAT	1							
36	2	101720-55750	PLUG, 6	2							
37	2	104200-55750	SCREW, M4	1							
38	2	171081-55910	SCREEN	1							
39	2	23418-060000	GASKET, 6X1.0	2							
40	2	24311-240100	O-RING, 1AP10A	1							
41	1	124766-59050	CLIP, HOSE 12	12							
42	1	184015-59130	HOSE	1							
44	2	184015-59140	TUBE, CORRUGATED	1							
45	2	933168-55770	BAND 146	2							
46	1	184015-59250	HOSE	1							
48	2	184015-59260	TUBE, CORRUGATED	1							
49	2	933168-55770	BAND 146	2							
50	1	184014-59650	HOSE	1							
51	2	184014-59510	TUBE, CORRUGATED	1							
53	2	933168-55770	BAND 146	2							
54	1	26116-080652	BOLT, M8X 65 PLATED	1							
55	1	22217-080000	WASHER, SPRING 8	1							
56	1	22217-080000	WASHER, SPRING 8	1							
57	1	26014-060162	BOLT, M6X 16	2							
58	1	26116-080652	BOLT, M8X 65 PLATED	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-16110	BATTERY	1							
1-1	1	172458-16111	BATTERY,65B24L	1						N	
(A=M0U921)											
2	1	172725-16160	ROD, BATTERY CLAMP	2							
3	1	194940-64750	CLAMP, BATTERY	1							
3-1	1	194940-64751	CLAMP, BATTERY	1						R	
(A=*2025.10)											
4	1	22157-060000	WASHER, 6	2							
5	1	26716-060002	NUT, M6	4							

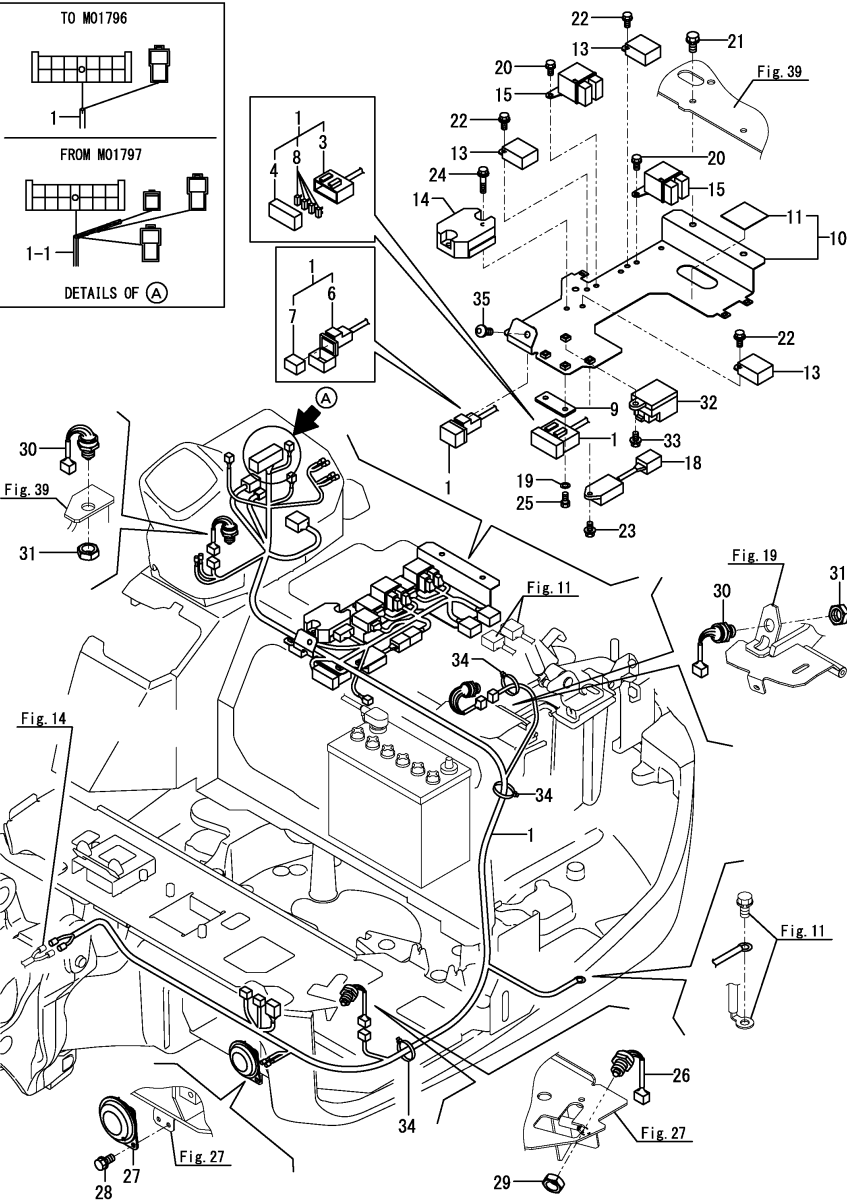


(A)=VIO17(KR)
(B)=
(C)=

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

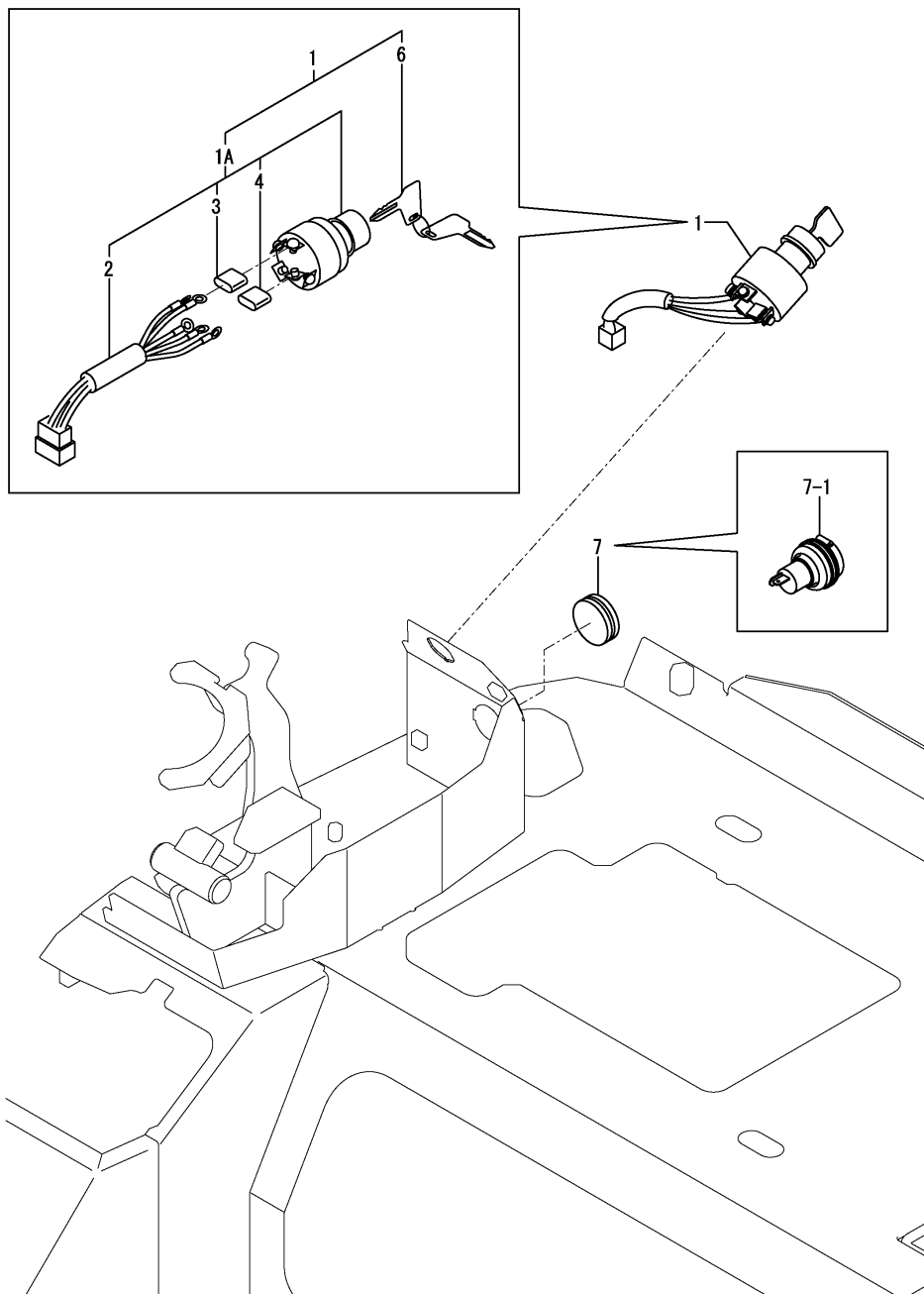
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-16101	CORD ASSY,BATTERY (+	1							
3	2	172458-16140	HARNESS C	1							
3-1	2	172A64-16120	HARNESS, F	1						N	
(A=M/#01843)											
4	1	172A64-16501	HARNESS ASSY, A	1							
4-1	1	172A64-16502	HARNESS ASSY, A	1						N	
(A=M02841)											
4A	2	1A7130-51130	DIODE, 1.5A	1							W
(A=MZZZZZ)											
5	1	172112-16650	CLAMP	2							
6	1	172460-16700	STAY	1							
7	1	22137-080000	WASHER, 8	1							
8	1	22417-200250	PIN, COTTER 2.0X25	1							
9	1	26013-100162	BOLT, M10X 16	1							
10	1	26013-100162	BOLT, M10X 16	2							
11	1	26013-100162	BOLT, M10X 16	2							
12	1	26716-080002	NUT, M8	1							
13	1	933168-55770	BAND 146	3							
14	1	933171-15801	CORD, ENGINE EARTH	1							
15	1	172A64-16131	HARNESS, BAT. MINUS	1							
16	1	26013-100202	BOLT, M10X 20	1							
17	1	1A7347-51200	CLIP, METAL DTM	2							W
(A=M02841)											
18	1	22137-100000	WASHER, 10	3							W
(A=M02841)											
19	1	26014-080202	BOLT, M8X 20	1							W
(A=M02841)											

Fig.12. ELECTRIC PART(SEAT MOUNT)



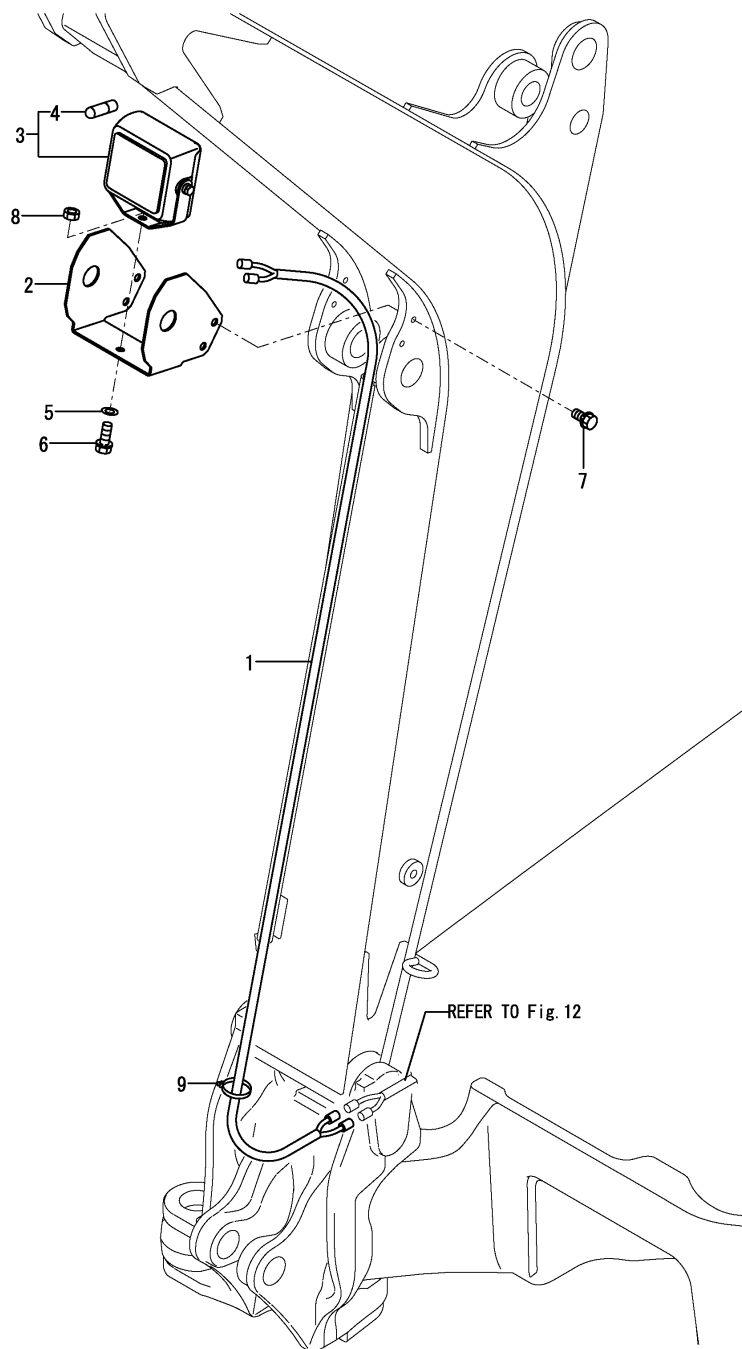
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1,32,33,
FIG.37 REF.NO.23.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-16551	HARNESS ASSY, B	1							
1-1	1	172A64-16552	HARNESS ASSY, B	1						S	1
(A=M01797)											
1-2	1	172A64-16530	HARNESS ASSY,B EX	1							N
(A=M09308)											
3	2	172183-16580	BODY,FUSER	1							
4	2	172183-16590	COVER	1							
6	2	172447-17140	HOUSING	1							
7	2	172447-17150	FUSE 40A	1							
8	2	29420-150000	FUSE, B 15A	4							
9	1	172183-16550	BRACKET,FUSE	1							
10	1	172A64-17120	BRACKET ASSY,ELC	1							
10-1	1	172A64-17121	BRACKET ASSY,ELC	1							N
(A=M/# 01435)											
11	2	172446-14250	PLATE, RUBBER	1							
13	1	119247-77100	RELAY, POWER	3							
14	1	119653-77710	CURRENT LIMITER	1							
15	1	119650-77910	RELAY ASSY, GLOW	2							
18	1	129211-77920	TIMER	1							
19	1	22137-060000	WASHER, 6	2							
20	1	26013-060122	BOLT, SPRING M6X 12	4							
21	1	26013-080162	BOLT, SPRING M8X 16	3							
21-1	1	26013-080162	BOLT, M8X 16	2							K
(A=M0C285)											
22	1	26014-060122	BOLT, M6X 12	3							
23	1	26014-060162	BOLT, M6X 16	1							
24	1	26014-060252	BOLT, M6X 25	2							
25	1	26116-060162	BOLT, M6X 16 PLATED	2							
26	1	194464-52190	SWITCH, START	1							
27	1	194151-57100	HORN	1							
28	1	26014-060162	BOLT, M6X 16	2							
29	1	26776-180002	NUT, LOCK M18	1							
30	1	194464-52190	SWITCH, START	2							
31	1	26776-180002	NUT, LOCK M18	2							
32	1	124970-77920	TIMER	1							W 1
(A=M01797)											
33	1	26014-060202	BOLT, M6X 20	1							W 1
(A=M01797)											
34	1	933168-55770	BAND	3							W
(A=MZZZZZ)											
35	1	172958-83320	BOLT	1							W
(A=M0C285)											



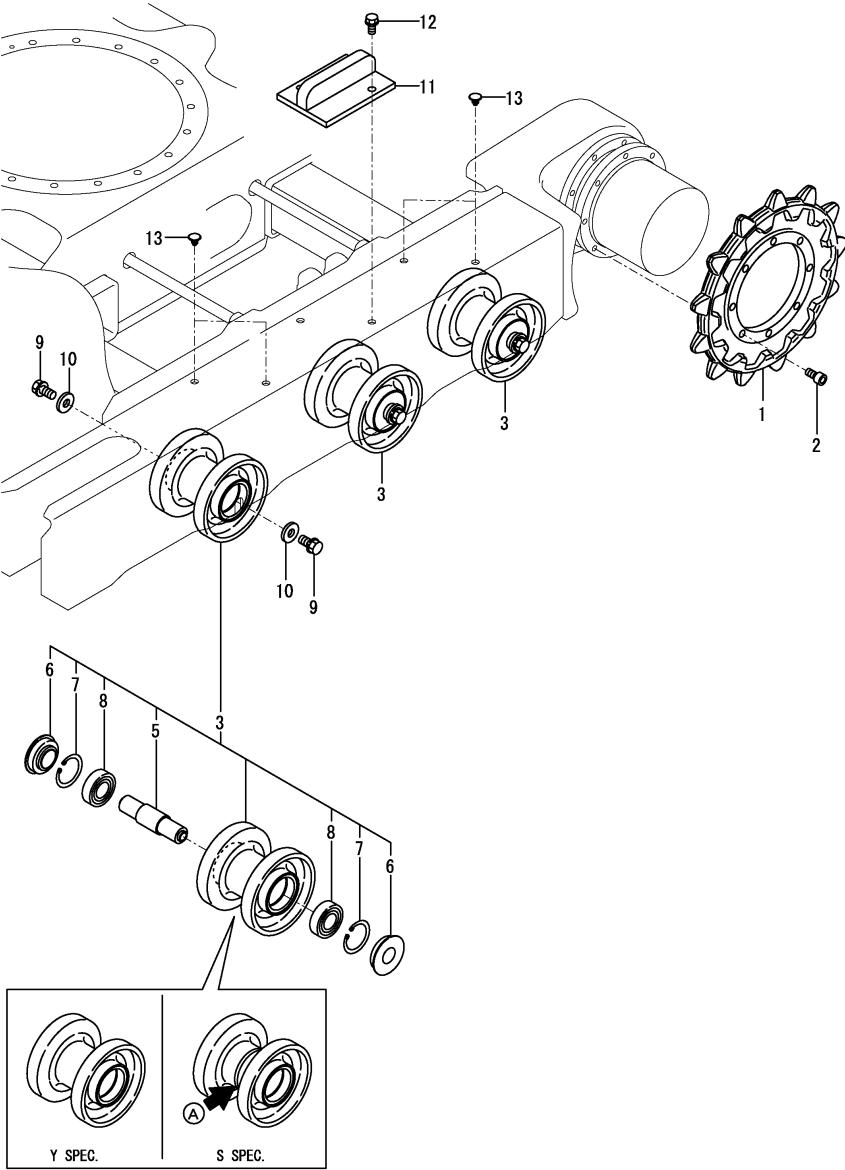
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1							
1-1	1	172187-17101 (A=M07323)	SWITCH ASSY, STARTER	1							N
1-2	1	172527-17101 (A=M0M155)	SWITCH ASSY, STARTER	1							R
1A	2	172A47-17210 (A=M03201)	CYLINDER ASSY, KEY	1							W
1A-1	2	172A47-17211 (A=M07323)	CYLINDER ASSY, KEY	1							N
2	3	172187-17070	CORD ASSY	1							
3	3	172187-17080	COVER	3							
4	3	172187-17090	COVER	2							
6	2	933110-00301	KEY ASSY	1							
6-1	2	172524-17330 (A=M0M155)	KEY ASSY, E	1							R
7	1	172151-62240 (A=M00501)	GROMMET	1							Z
7-1	1	172A64-17250 (A=M00501)	SOCKET ASSY	1							W

Fig.14. WORK LAMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-16550	HARNESS,BOOM LAMP	1							
2	1	172A64-17210-1	BRACKET,WORK LAMP(2J								
2-1	1	172A64-17210-Y	BRACKET,WORK LAMP	1							S
		(A=M07001)									
3	1	172156-17401	LAMP, WORK	1							
4	2	172156-17420	BULB, 12V 27W	1							
5	1	22117-080000	WASHER, 8	1							
6	1	26013-080162	BOLT, M8X 16	1							
7	1	26014-080162	BOLT, M8X 16	4							
8	1	26716-080002	NUT, M8	1							
9	1	933168-55770	BAND	1							

Fig.15. SPROCKET & TRACK ROLLER(Y SPEC.)



(A)=VIO17(KR)
(B)=
(C)=

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

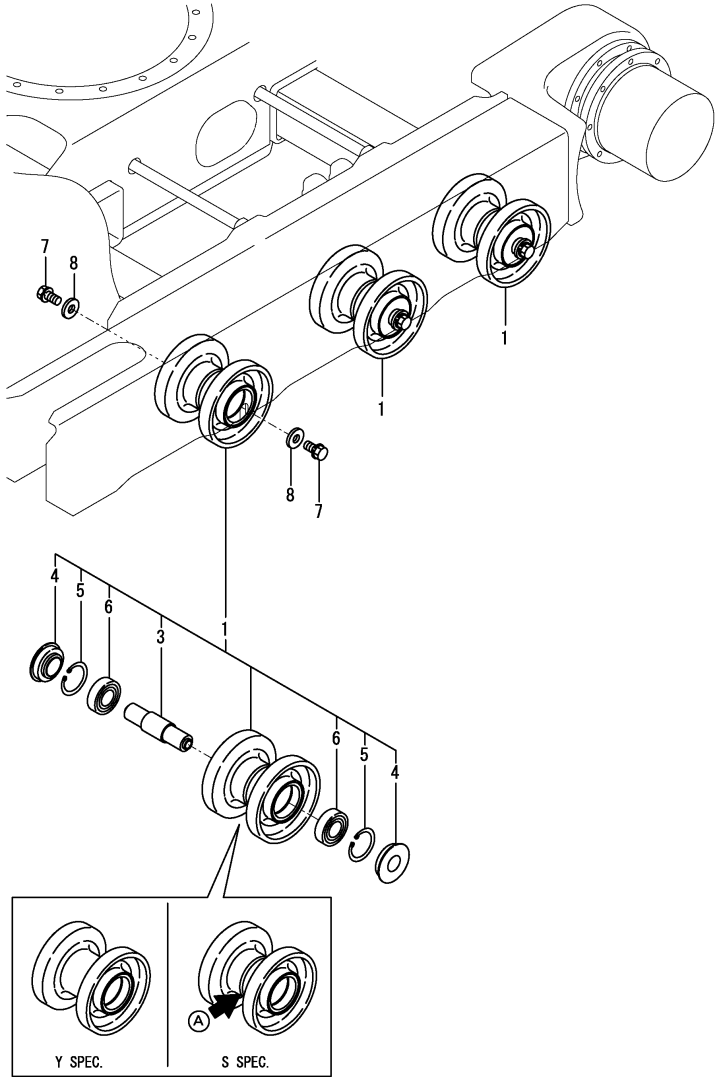
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-29100	SPROCKET, T13	2							
2	1	26450-100252	BOLT, M10X 25	16							
3	1	772A64-37300-2	ROLLER ASSY, TRUCK	6						Z	1
(A=M0D137)											
5	2	172448-37310	SHAFT, ROLLER	6							
6	2	1E6140-73420	SEAL, OIL 25X52X18	12							
7	2	22252-000520	RING, 52	12							
8	2	24101-062054	BEARING, BALL 6205	12							
9	1	26013-120252	BOLT, M12X 25	12							
10	1	933152-03700	WASHER, CLUTCH CAM	12							
11	1	172A64-37500	PLATE ASSY, SLIDE	2							
11-1	1	172A64-37850	PLATE ASSY, SLIDE	2							N
(A=M00497)											
12	1	26013-100252	BOLT, M10X 25	4							
13	1	172122-17190	CLIP, TREE	8							W
(A=M00501)											

Remarks
(1)Compatibility by assembly exchange with parts of Fig.101(15A) No.1.
The inner parts are not compatible.
A : There is no welding in the Y specifications, and there is welding in the S specifications.

Fig.101. (15A)TRACK ROLLER(S SPEC.)

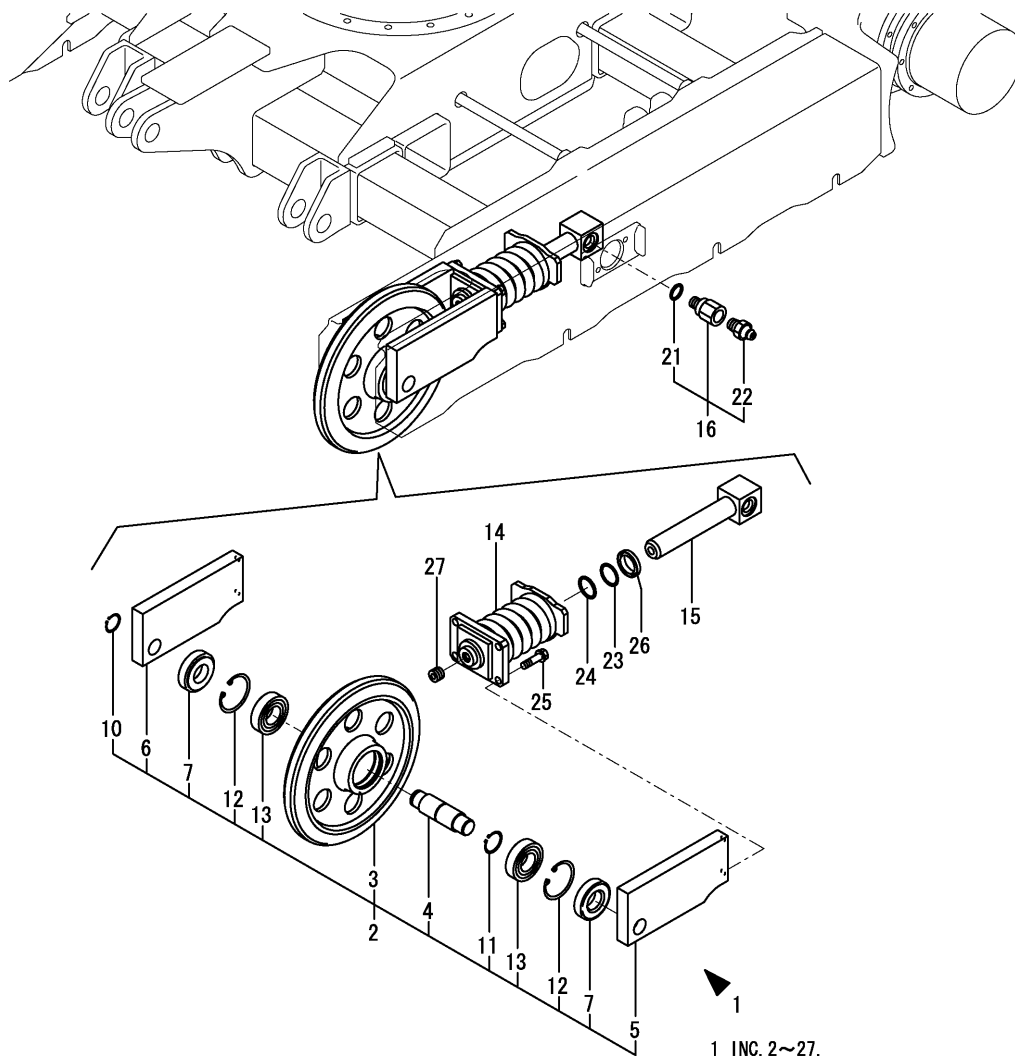
(A)=VIO17(KR)
(B)=
(C)=

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

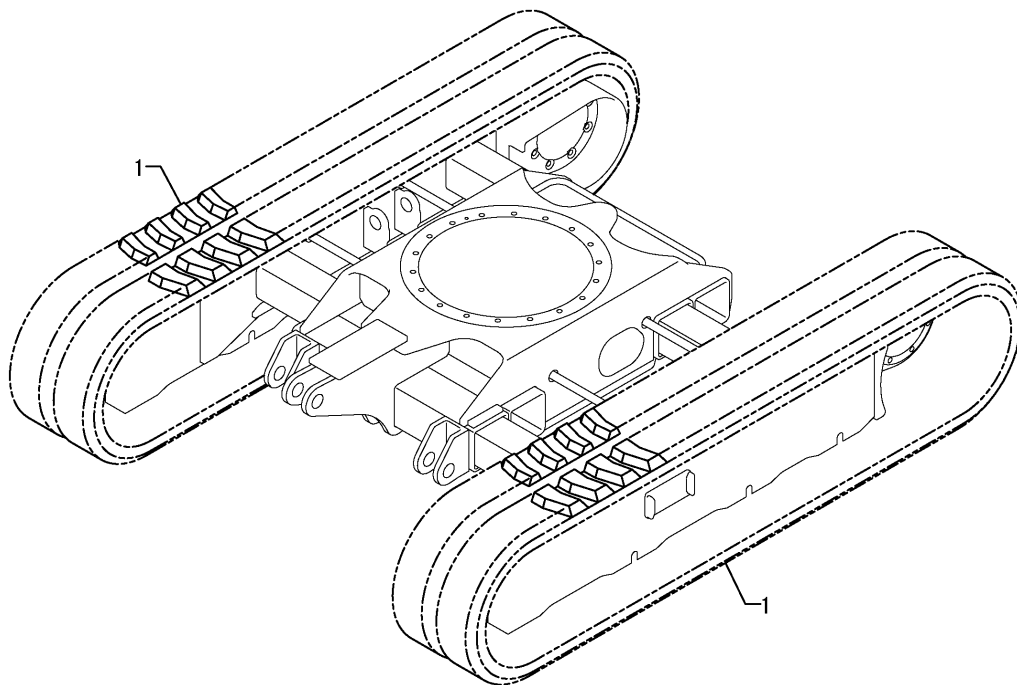


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-37400 (A=M0D137)	ROLLER ASSY, LOWER	6							W
1-1	1	172A64-37401 (A=*2026.03)	ROLLER ASSY, LOWER	6							R
3	2	172A64-37420	SHAFT	6							
4	2	1E6140-73420	SEAL, OIL 25X52X18	12							
5	2	22252-000520	RING, 52	12							
6	2	24101-062054	BEARING, BALL 6205	12							
7	1	26013-120252	BOLT, M12X 25	12							
8	1	933152-03700	WASHER, CLUTCH CAM	12							

Remarks
* A : There is no welding in the Y specifications, and there is welding in the S specifications.
* Track roller (Y specification) are shown in Fig.15.
The inner parts are not compatible.

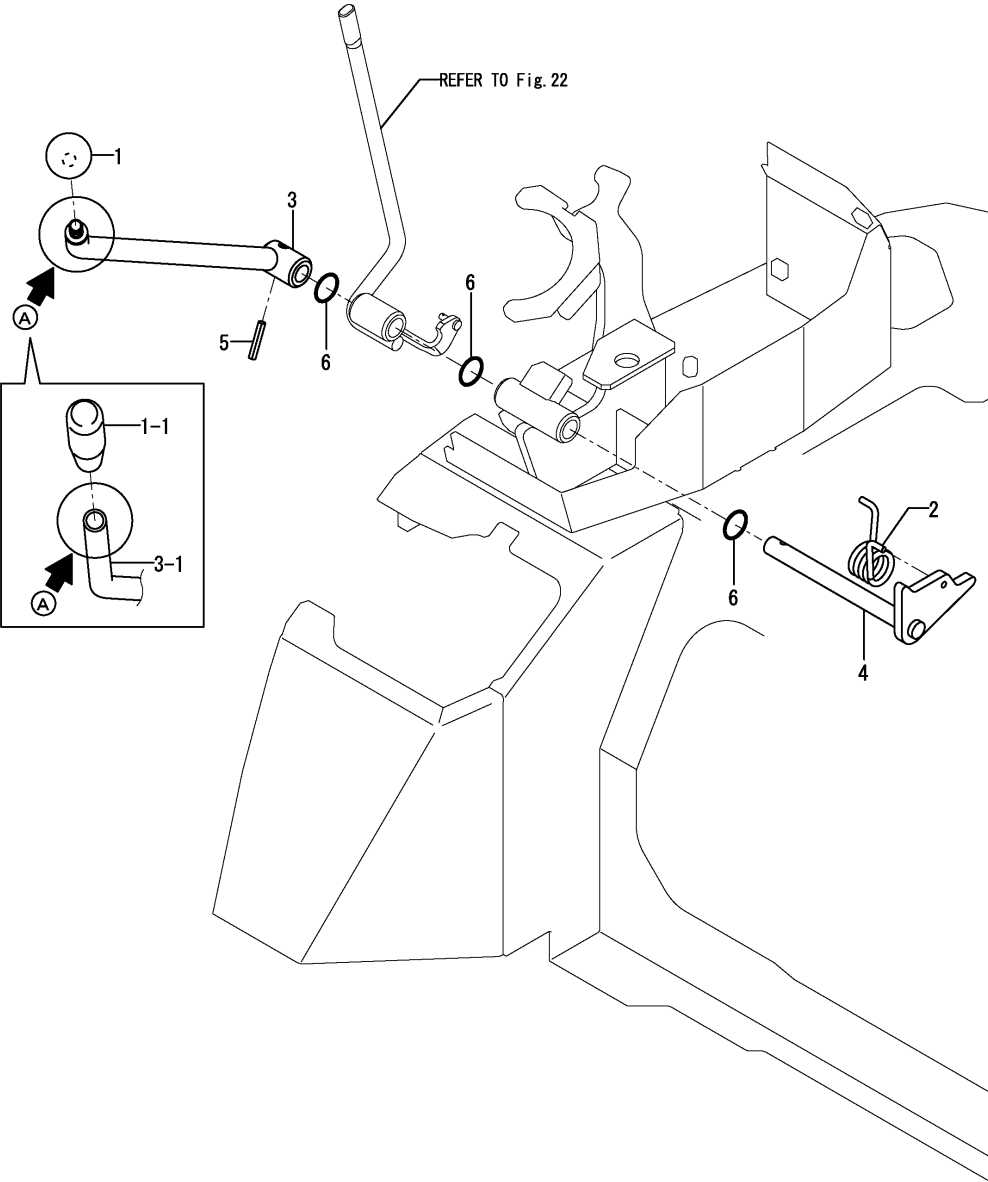


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-37200	FORK ASSY, IDLER	2							
1-1	1	172A64-37010	FORK ASSY, IDLER	2							N
		(A=M00497)									
2	2	172A64-37210	IDLER ASSY, RUBBER	2							
2-1	2	172A64-37020	IDLER ASSY	2							R
		(A=M00497)									
3	3	172A64-37100	IDLER, 270	2							
3-1	3	172A64-37150	IDLER, 270 FCD	2							N
		(A=M00497)									
4	3	172A64-37120	SHAFT, IDLER	2							
5	3	172A64-37130	FORK, IDLER L	2							
5-1	3	172A64-37720	FORK, IDLER L	2							N
		(A=M00497)									
6	3	172A64-37140	FORK, IDLER R	2							
6-1	3	172A64-37730	FORK, IDLER R	2							N
		(A=M00497)									
7	3	1A1060-48300	SEAL, QLN306213.2	4							
10	3	22242-000250	RING, 25	2							
11	3	22242-000300	RING, 30	2							
12	3	22252-000620	RING, 62	4							
13	3	24101-062064	BEARING, BALL 6206	4							
14	2	172448-37712	SPRING ASSY, CRAWLER	2							
15	2	172448-37800	TUBE ASSY, ADJUST	2							
16	2	172122-37844	VALVE ASSY, NIPPLE	2							
21	3	24315-000140	O-RING, 1BP14.0	2							
22	3	24761-020000	NIPPLE, GREASE PT1/8	2							
23	2	172137-37850	RING, BACKUP P30	2							
24	2	24315-000300	O-RING, 1BP30.0	2							
25	2	26013-100352	BOLT, M10X 35	8							
26	2	933126-38600	SEAL, DUST DKB	2							
27	2	933171-13691	PLUG, PT1/8	2							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A64-38600	CRAWLER, RUBBER	2							
1-1	1	172A64-38601 (A=MOD007)	CRAWLER, RUBBER 230	2							R
1-2	1	172A64-38602 (A=MOU890)	CRAWLER,RUBBER230	2							N

Fig.18. CONTROL EQUIPMENT(LOCK LEVER & STAMD)(RIGHT)

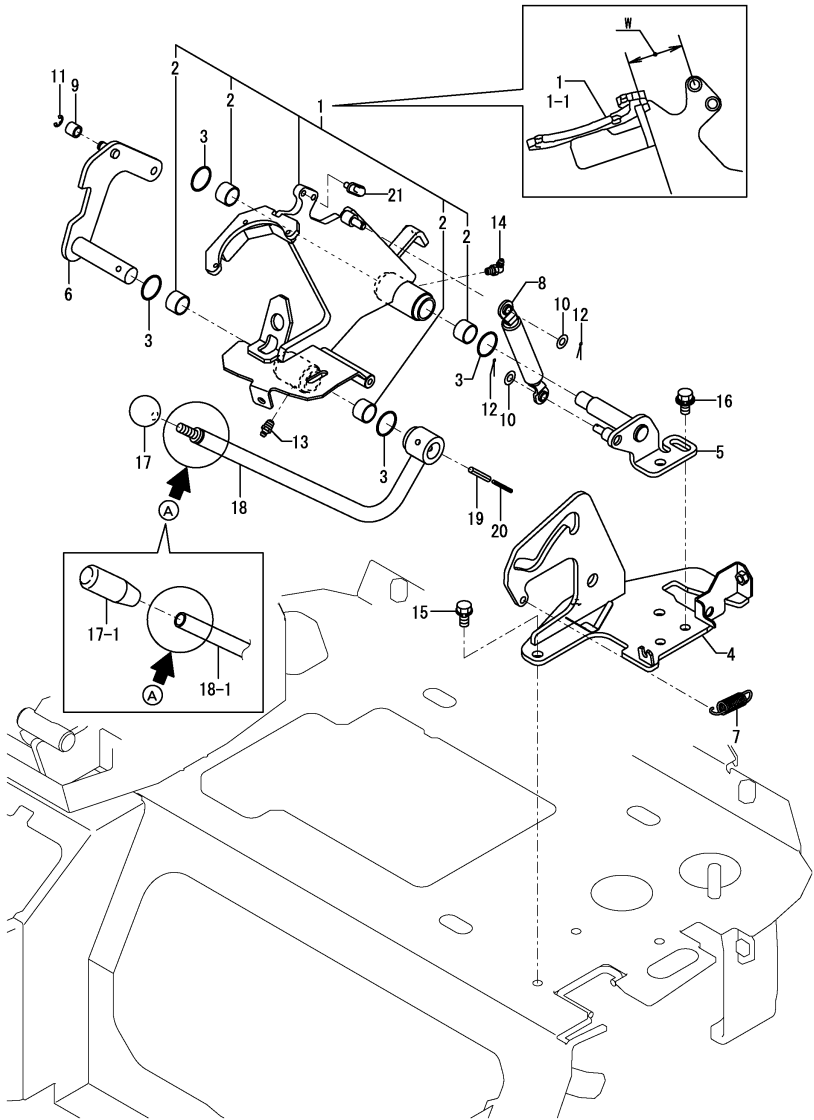


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP	1							
1-1	1	172A77-46050	GRIP	1							S
(A=MZZZZZ)											
2	1	172165-45970	SPRING	1							
3	1	172A64-46450	LOCK LEVER ASSY,R(49	1							
3-1	1	172A64-46451	LOCK LEVER ASSY,R	1						F	1
(A=MZZZZZ)											
4	1	172A64-46470	SHAFT ASSY, LEVER	1							
5	1	22351-050032	PIN, SPRING 5.0X32	1							
6	1	24311-000210	O-RING, 1AP21.0	3							

Remarks
(1)A=REF.NO.3 M10 SCREW,
NO.3-1 NO SCREW.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH RE.NO.1-1.

OCS10-M51000 CONTROL EQUIPMENT

Fig.19. LOCK LEVER & STAND(LEFT)



Remarks

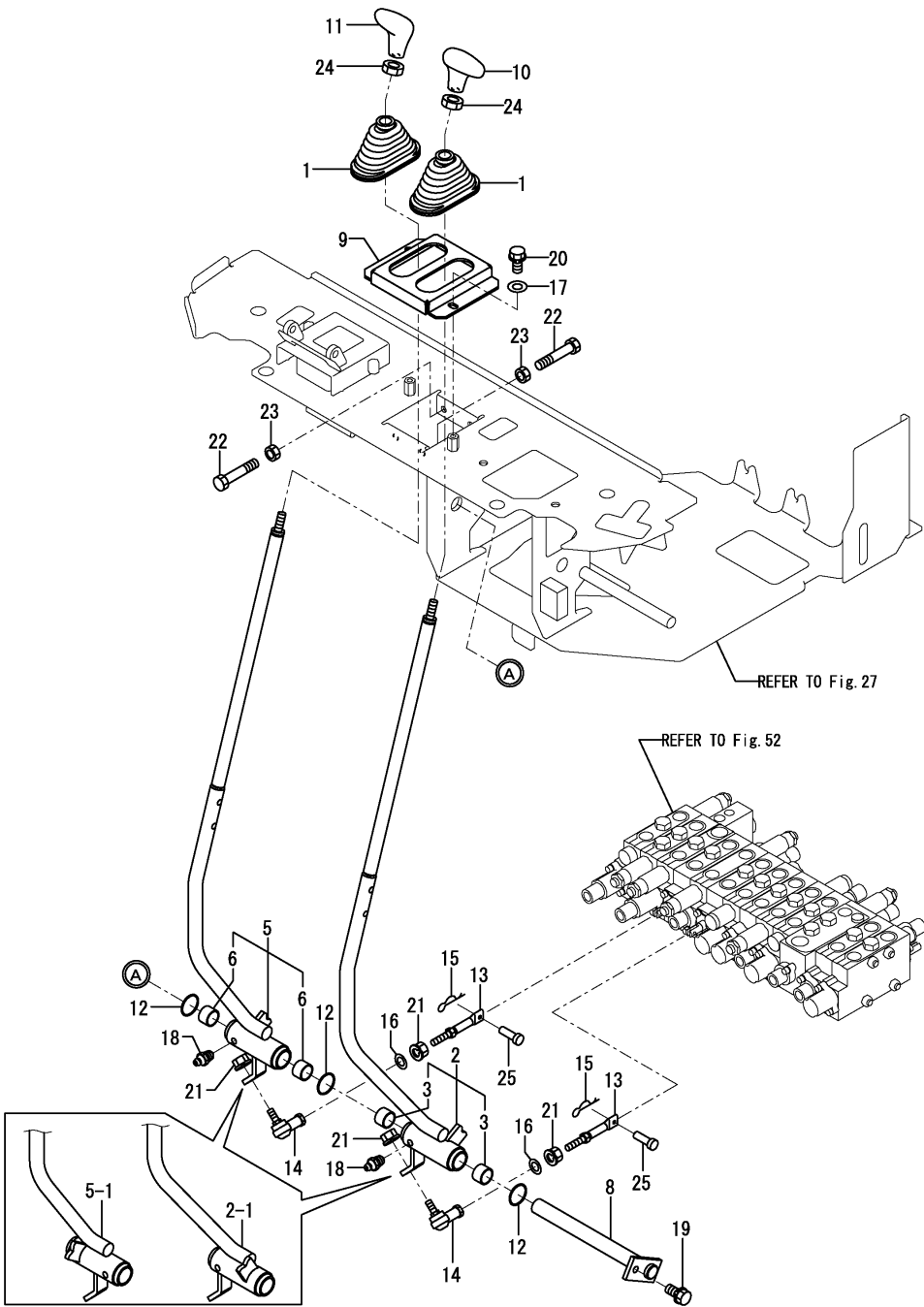
(1)WHEN FIG.85 IS INSTALLED,IT IS UNNECESSARY.

(2)A=REF.NO.18 M10 SCREW, NO.18-1 NO SCREW.
INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH RE.NO.17-1.

(3)REF.NO.1 W=41MM,REF.NO.1-1 W=45MM.

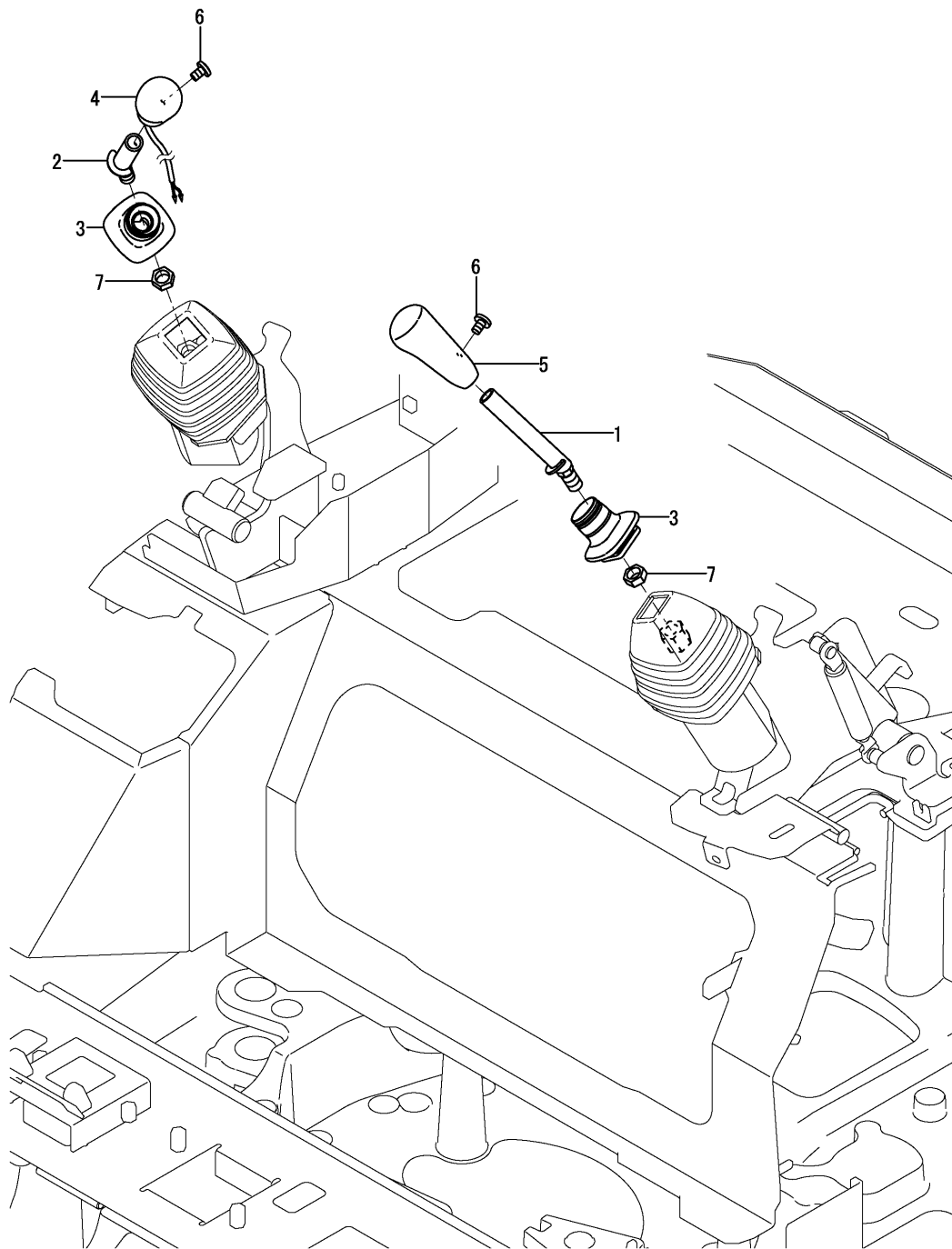
OCS10-M51000 Fig.19													
(A)=VIO17(KR) (B)= (C)=													
(D)= (E)= (F)=													
No.	Lev.	Parts No.	Description	Q'ty						I	R		
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172A64-46100	STAND ASSY, LEVER	1									
1-1	1	172A64-46101	STAND ASSY, LEVER	1						S	3		
(A=M03318)													
1-2	1	172A78-46101-1	STAND ASSY, LEVER	1						R			
(A=M03945)													
1-3	1	172A78-46101	STAND ASSY, LEVER	1						S			
(A=M0F001)													
2	2	172141-41370	BUSH	4									
3	1	172124-46200	O-RING	4									
4	1	172A64-46210	BASE ASSY, LEVER	1									
4-1	1	172A64-46210-N	BASE ASSY, LEVER	1						S			
(A=M0F001)													
5	1	172A47-46230	PLATE ASSY, BASE	1									
6	1	172A47-46310	ROD ASSY, SPRING	1									
7	1	172162-46690	SPRING	1									
7-1	1	172A69-46270	SPRING	1						N			
(A=M02357)													
8	1	172455-46890	SPRING, GAS	1									
9	1	172165-47550	BUSH	1									
10	1	22137-080000	WASHER, 8	2									
11	1	22272-000070	RING, E- 7	1									
12	1	22417-200200	PIN, COTTER 2.0X20	2									
13	1	24761-020000	NIPPLE, GREASE PT1/8	1									
14	1	24761-050000	NIPPLE, GREASE C	1									
15	1	26013-100202	BOLT, SPRING M10X 20	3									
16	1	26014-100252	BOLT, M10X 25	2									
17	1	1D4070-23580	GRIP, ROUND 10	1									
17-1	1	172A77-46050	GRIP	1						S			
(A=M03816)													
18	1	172A47-46343	LEVER ASSY, LOCK	1									
18-1	1	172A47-46344	LEVER ASSY, LOCK	1						F	2		
(A=M03816)													
19	1	22351-035040	PIN, SPRING 3.5X40	1									
20	1	22351-060040	PIN, SPRING 6.0X40	1									
21	1	172A64-46150	PLUG	1						Z	1		
(A=M/#00977)													

Fig.20. CONTROL EQUIPMENT(TRAVEL LEVER)



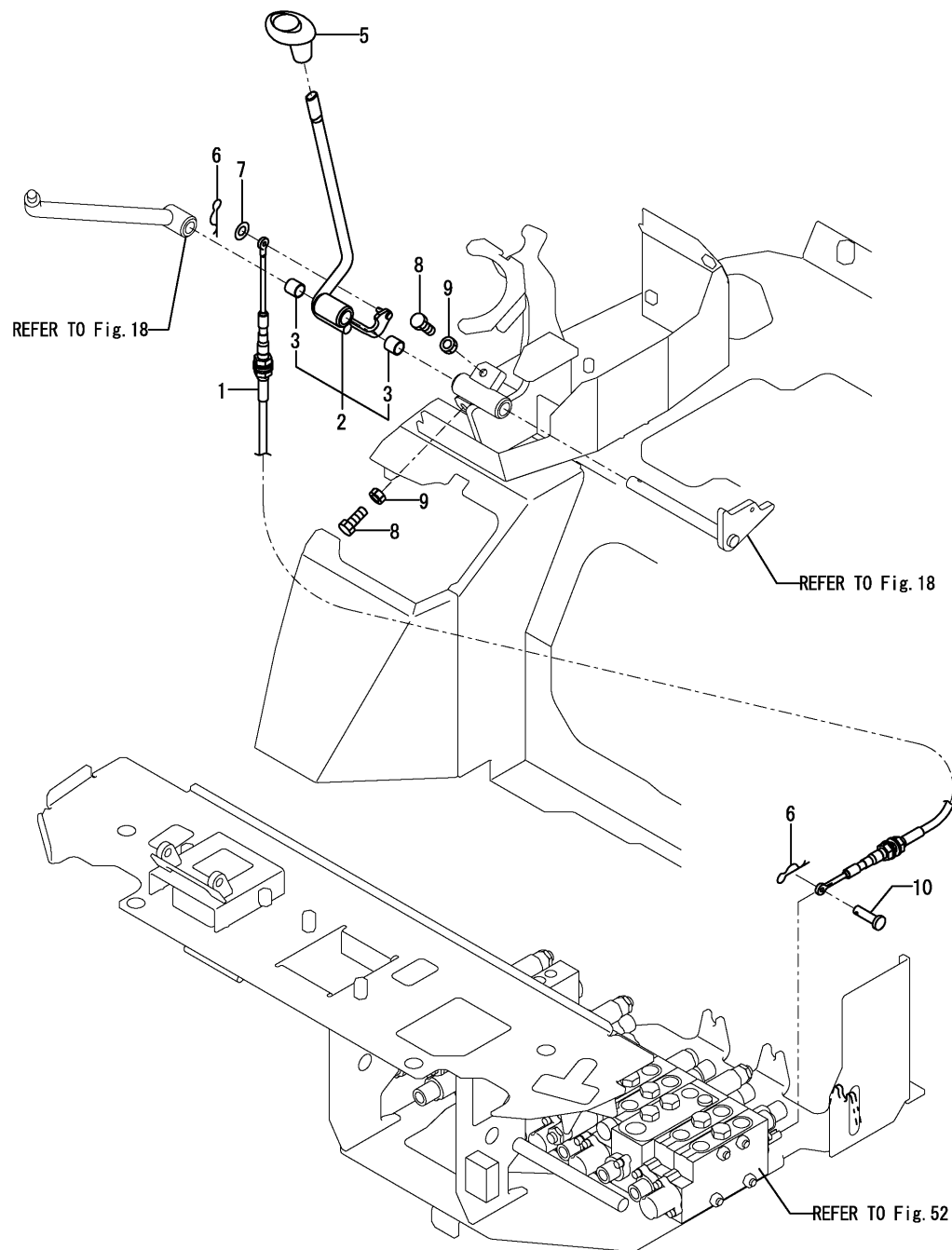
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOTS	2							
2	1	172A64-45100	LEVER L,TRACK (49)	1							
2-1	1	172A64-45101	LEVER L ASSY,TRACK	1							S
(A=MZZZZZ)											
3	2	172141-41370	BUSH 2015	2							
5	1	172A64-45130	LEVER R,TRACK (49)	1							
5-1	1	172A64-45131	LEVER R ASSY,TRACK	1							S
(A=MZZZZZ)											
6	2	172141-41370	BUSH 2015	2							
8	1	172A64-45200	SHAFT ASSY	1							
9	1	172458-45510-1	BRACKET,BOOT(GRAY:49	1							
10	1	172164-45951	GRIP, DRIVE	1							
11	1	172164-45961	GRIP, DRIVE	1							
12	1	172124-46200	O-RING	3							
13	1	172124-46340	ROD (A), SPOOL	2							
14	1	172122-46590	ELBOW	2							
15	1	1C6281-52310	PIN, SNAP 6	2							
16	1	22117-080000	WASHER, 8	2							
17	1	22137-080000	WASHER, 8	2							
18	1	24761-020000	NIPPLE, GREASE PT1/8	2							
19	1	26013-080162	BOLT, M8X 16	1							
20	1	26013-080162	BOLT, M8X 16	2							
21	1	26051-080002	NUT, M8	4							
22	1	26116-080404	BOLT, M8X 40 PLATED	4							
23	1	26756-080002	NUT, LOCK M8	4							
24	1	26756-100002	NUT, LOCK M10	2							
25	1	933110-54100	PIN 4.75X14	2							

Fig.21. CONTROL EQUIPMENT(OPERATION LEVER)



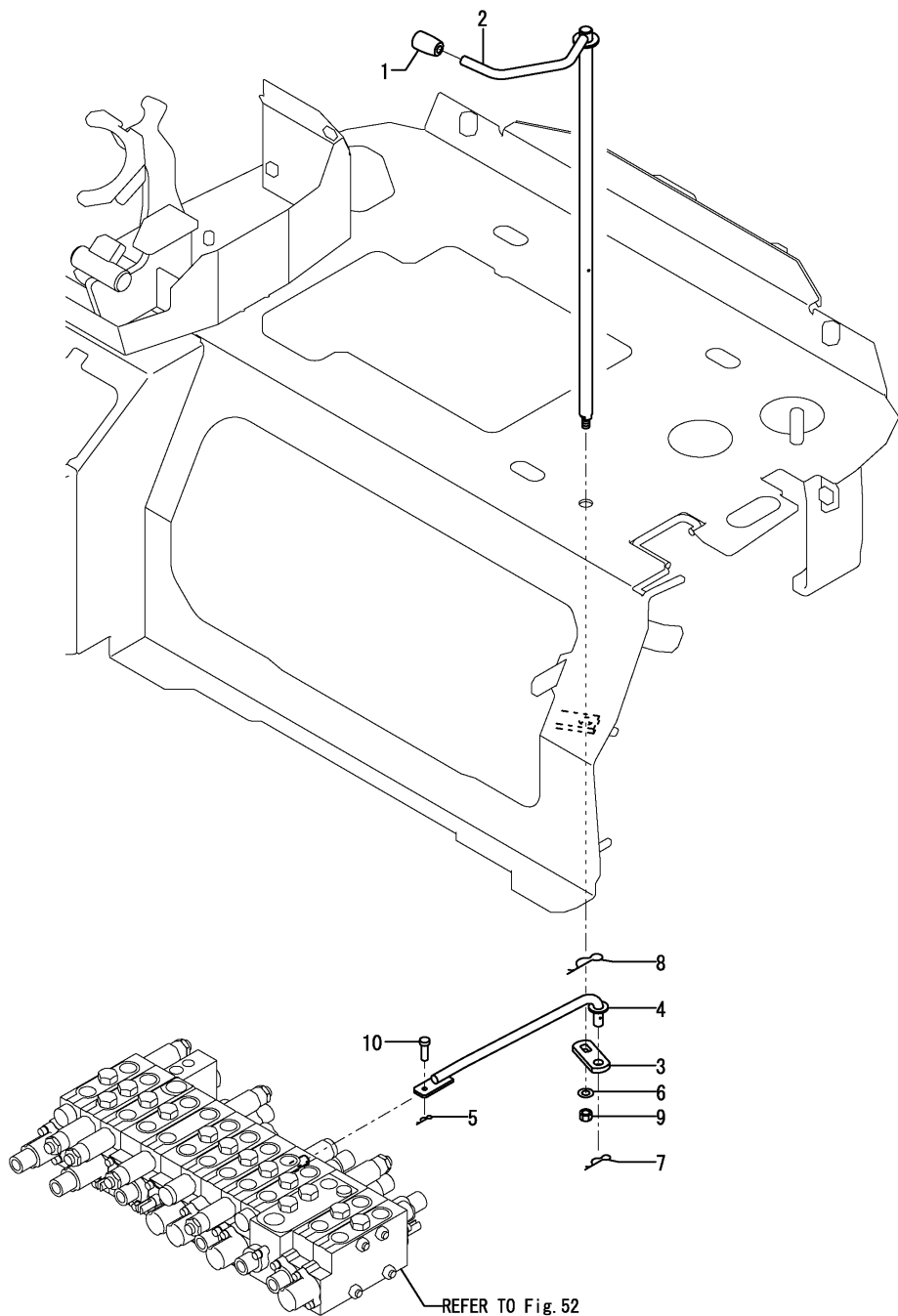
No.	Lev.	Parts No.	Description	(A)=VIO17(KR)	(D)=	Q'ty	(D)	(E)	(F)	I	R
				(B)=	(E)=						
				(C)=							
1	1	172A64-45010	LEVER L CMP			1					
2	1	172A64-45040	LEVER R CMP			1					
3	1	172A64-45070	RUBBER BOOT			2					
4	1	172A46-45500	KNOB ASSY			1					
5	1	172A46-45510	KNOB ASSY			1					
6	1	26587-040062	SCREW, M4X 6			2					
7	1	26756-140002	NUT, LOCK M14			2					

Fig.22. CONTROL EQUIPMENT(BLADE LEVER)



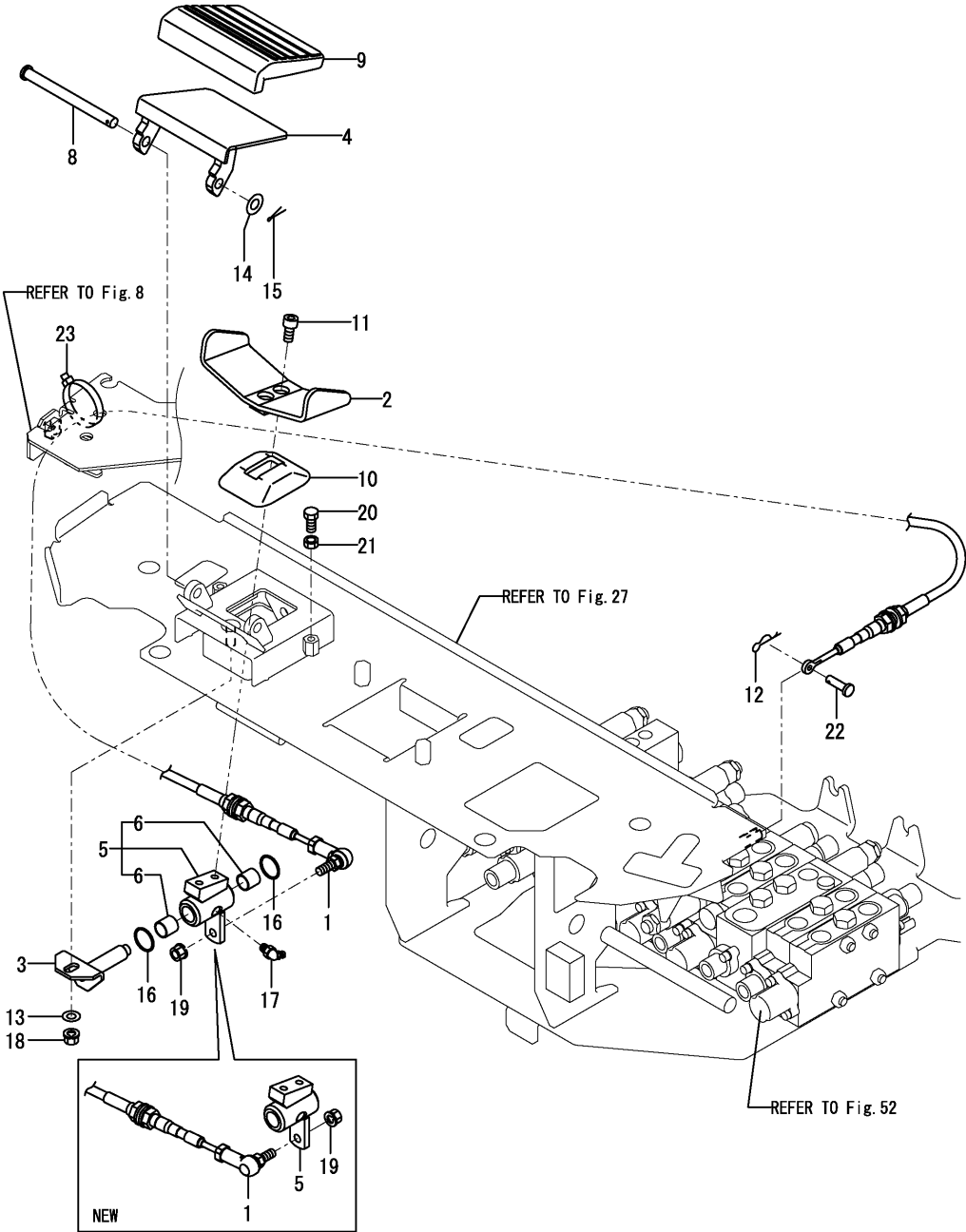
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45690	CABLE, BLADE	1							
2	1	172A64-45700	BLADE LEVER ASSY(49)	1							
3	2	172141-41360	BUSH 1415	2							
5	1	172164-45970	GRIP, BLADE	1							
6	1	1C6281-52310	PIN, SNAP 6	2							
7	1	22137-050000	WASHER, 5	1							
8	1	26116-080254	BOLT, M8X 25 PLATED	2							
9	1	26756-080002	NUT, LOCK M8	2							
10	1	933110-54100	PIN 4.75X14	2							

Fig.23. CONTROL EQUIPMENT(VARIABLE LEG LEVER)



				(A)=VIO17(KR)			(D)=				
				(B)=			(E)=				
				(C)=			(F)=				
No.	Lev.	Parts No.	Description			Q'ty		I R			
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194150-01190	KNOB, LEVER	1							
2	1	172A64-45800	LEVER ASSY, W-N	1							
3	1	172A64-45840	PLATE, LINK	1							
4	1	172A64-45850	ARM ASSY, LINK	1							
5	1	1C6281-52310	PIN, SNAP 6	1							
6	1	22137-080000	WASHER, 8	1							
7	1	22372-100000	PIN, SNAP 10	1							
8	1	22372-140000	PIN, SNAP 14	1							
9	1	26347-080002	NUT, M8	1							
10	1	933110-54100	PIN 4.75X14	1							

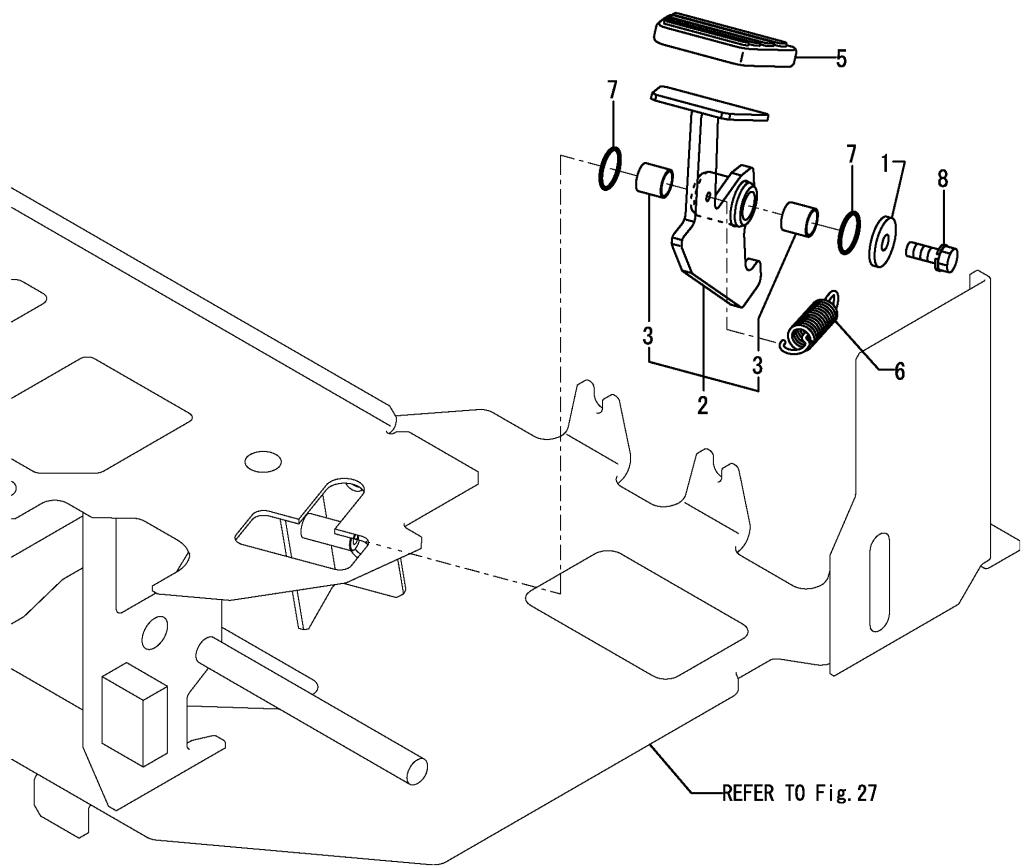
Fig.24. CONTROL EQUIPMENT(SWING PEDAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45280	CABLE, SWING	1							
2	1	172458-45521-1	PEDAL, SWING (GRAY:49)	1							
3	1	172187-45530	SHAFT ASSY	1							
4	1	172458-45540-1	COVER, PEDAL	1							
5	1	172A64-45650	LINK, ASSY	1							
6	2	172141-41360	BUSH 1415	2							
8	1	172187-45651	SHAFT	1							
9	1	172187-45760	COVER PAD	1							
10	1	172157-45990	BOOTS, PEDAL	1							
11	1	172165-46340	BOLT	2							
12	1	1C6281-52310	PIN, SNAP 6	1							
13	1	22137-080000	WASHER, 8	1							
14	1	22137-100000	WASHER, 10	1							
15	1	22417-250200	PIN, COTTER 2.5X20	1							
16	1	24311-000210	O-RING, 1AP21.0	2							
17	1	24761-040000	NIPPLE, GREASE B	1							
18	1	26051-080002	NUT, M8	1							
19	1	26051-080002	NUT, M8	1							
20	1	26116-080254	BOLT, M8X 25 PLATED	2							
21	1	26716-080002	NUT, M8	2							
22	1	933110-54100	PIN 4.75X14	1							
23	1	172614-16520	BAND 100	1							W

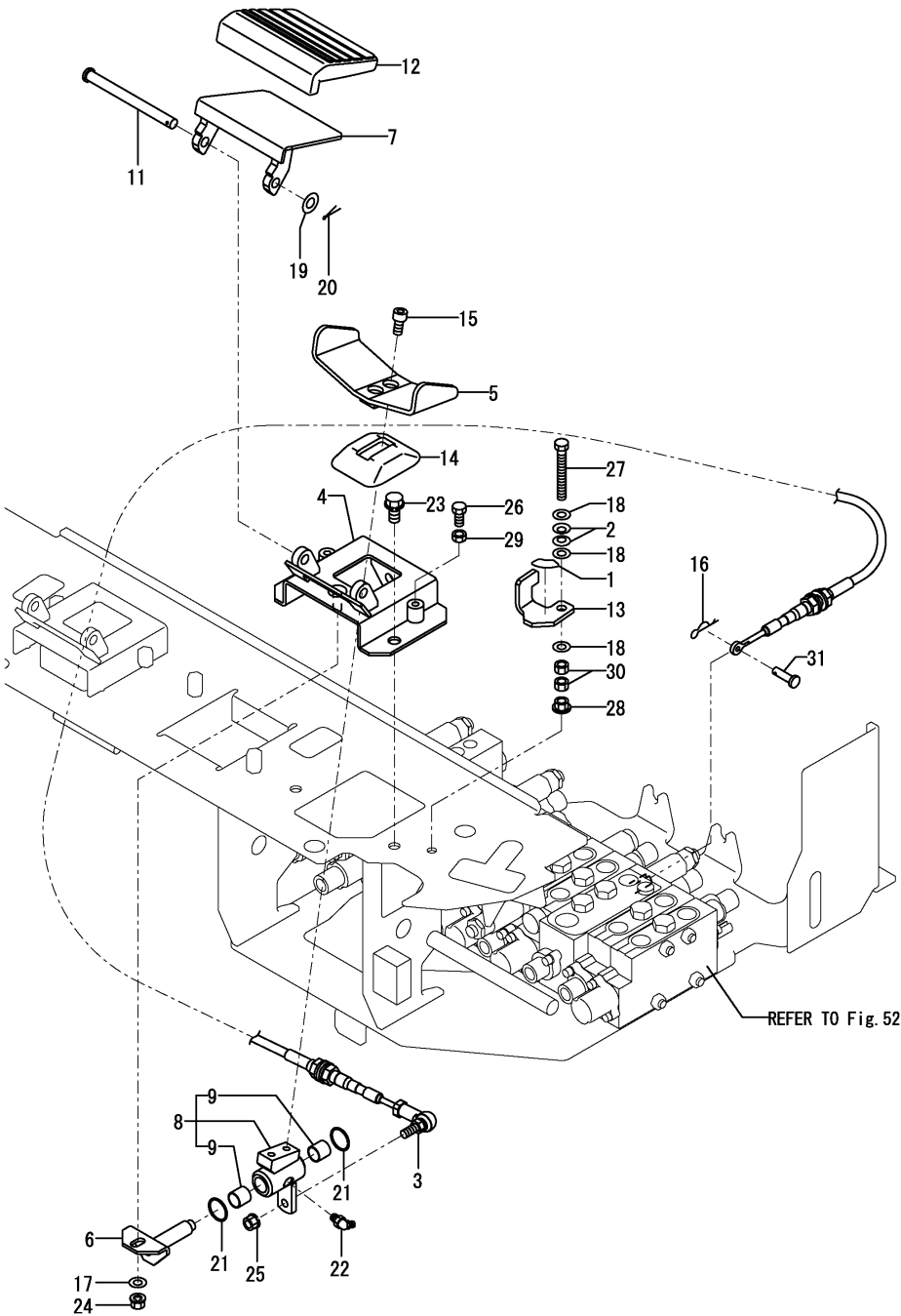
(A=M/#XXXXXX)

Fig.25. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

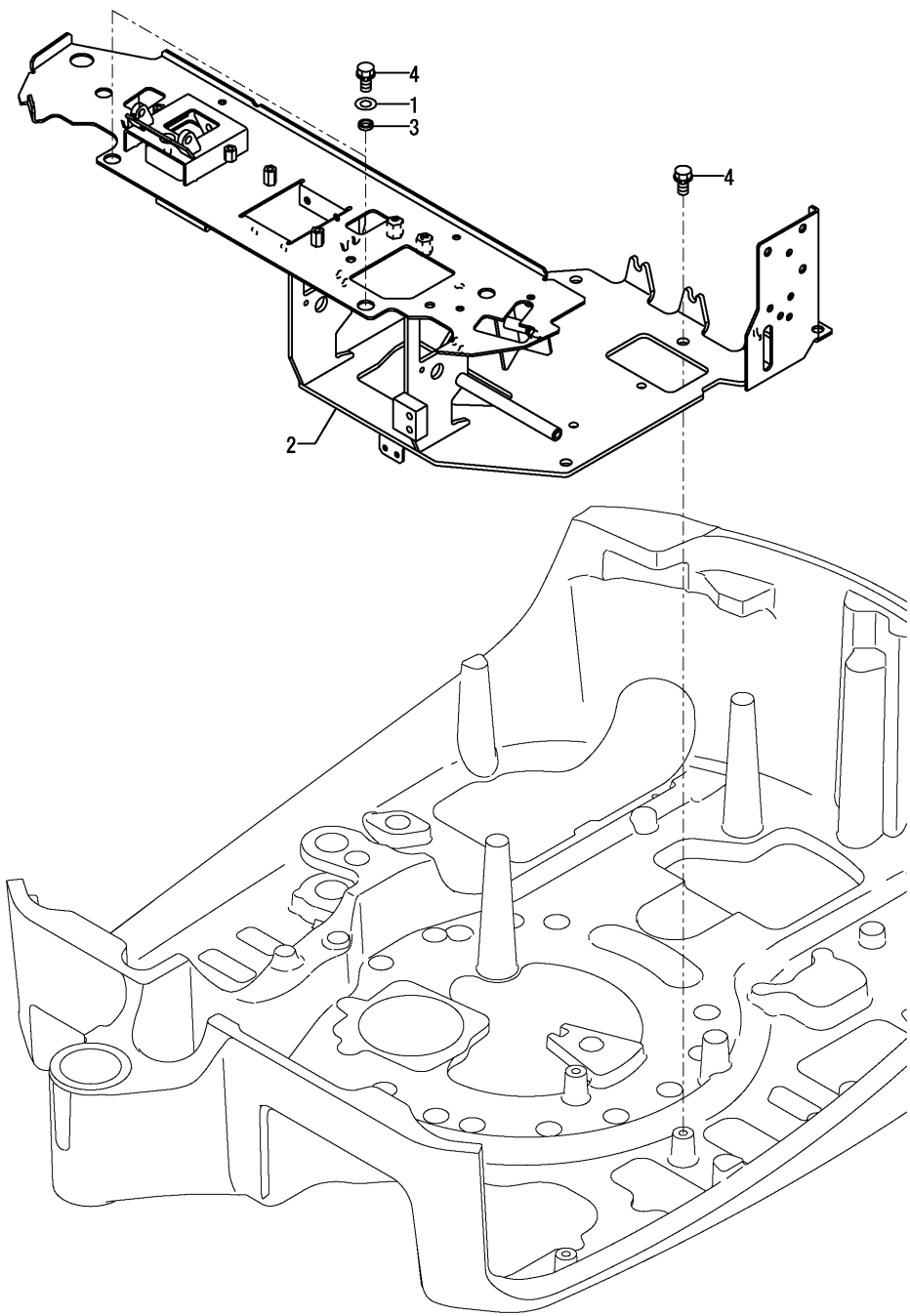


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1040-43900	WASHER, SPRING	1							
2	1	172A64-45900	PEDAL ASSY (GRAY:49)	1							
3	2	172141-41360	BUSH 1415	2							
5	1	172458-45950	PAD,PEDAL	1							
6	1	172162-46690	SPRING	1							
7	1	24311-000210	O-RING, 1AP21.0	2							
8	1	26013-080162	BOLT, M8X 16	1							

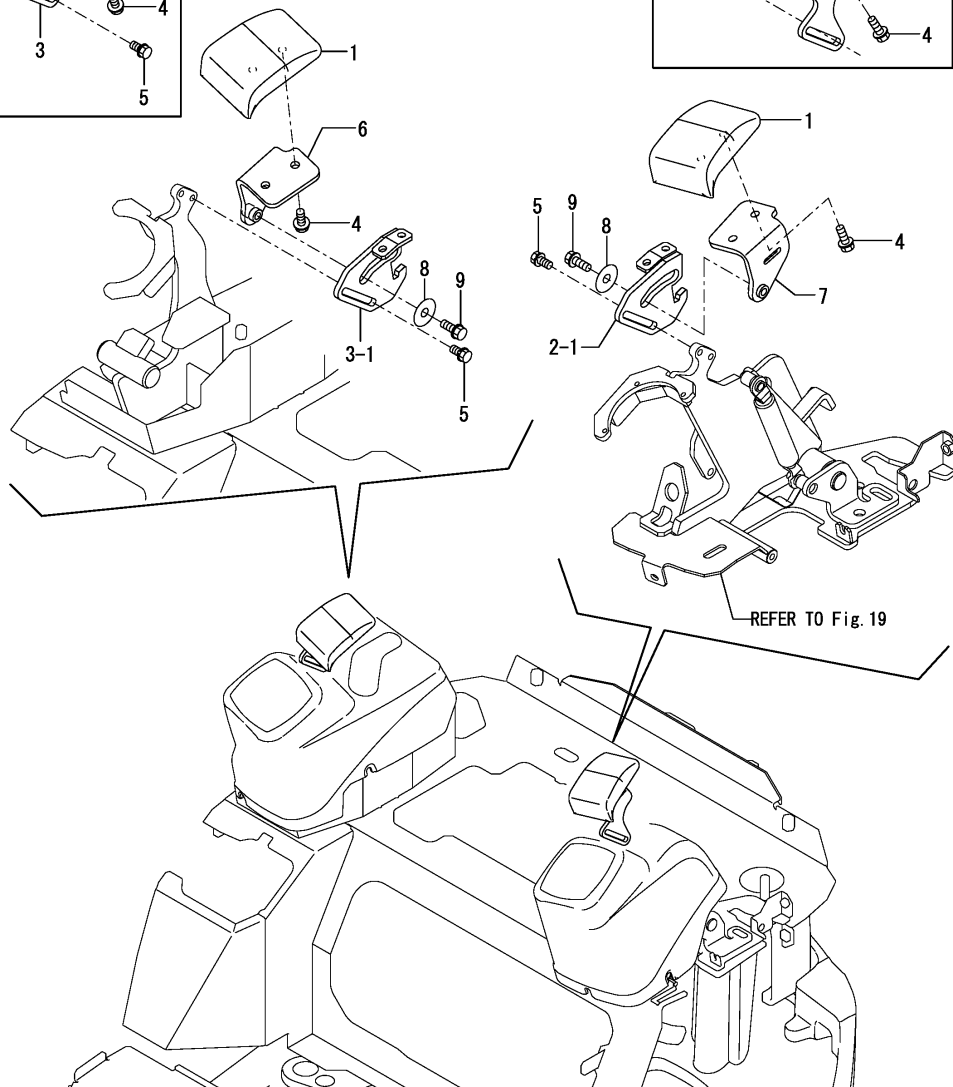
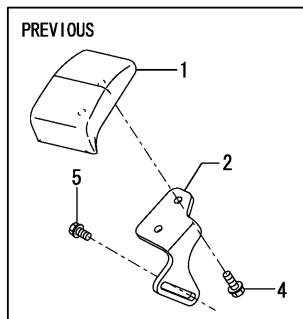
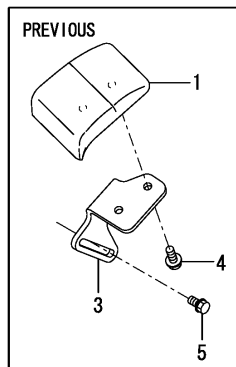
Fig.26. CONTROL EQUIPMENT(P.T.O. PEDAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-03240	LABEL, LOCK	1							
2	1	172068-28490	SPRING, SCREW 8	2							
3	1	172A64-45290	CABLE, PTO	1							
4	1	172448-45380-1	BRACKET, PTO	1							
5	1	172458-45521-1	PEDALL ASSY, SWING	1							
6	1	172187-45530	SHAFT ASSY	1							
7	1	172458-45540-1	COVER ASSY, PEDAL	1							
8	1	172A64-45650	LINK ASSY	1							
9	2	172141-41360	BUSH	2							
11	1	172187-45651	SHAFT, PEDAL COVER	1							
12	1	172187-45760	PAD	1							
13	1	172448-45800-3	PLATE, PTO LOCK	1							
14	1	172157-45990	BOOT, PEDAL	1							
15	1	172165-46340	BOLT, HEX SOCKET M8	2							
16	1	1C6281-52310	PIN, SNAP 6	1							
17	1	22137-080000	WASHER, 8	1							
18	1	22137-080000	WASHER, 8	3							
19	1	22137-100000	WASHER, 10	1							
20	1	22417-250200	PIN, COTTER 2.5X20	1							
21	1	24311-000210	O-RING, 1AP21.0	2							
22	1	24761-040000	NIPPLE, GREASE B	1							
23	1	26013-100202	BOLT, M10X 20	2							
24	1	26051-080002	NUT, M8	1							
25	1	26051-080002	NUT, M8	1							
26	1	26116-080254	BOLT, M8X 25 PLATED	2							
27	1	26116-080604	BOLT, M8X 60 PLATED	1							
28	1	26366-080002	NUT, M8	1							
29	1	26716-080002	NUT, M8	2							
30	1	26757-080002	NUT, LOCK M8	2							
30-1	1	26756-080002	NUT, LOCK M8	2							R
(A=*2023.02.)											
31	1	933110-54100	PIN, 4.75X14	1							

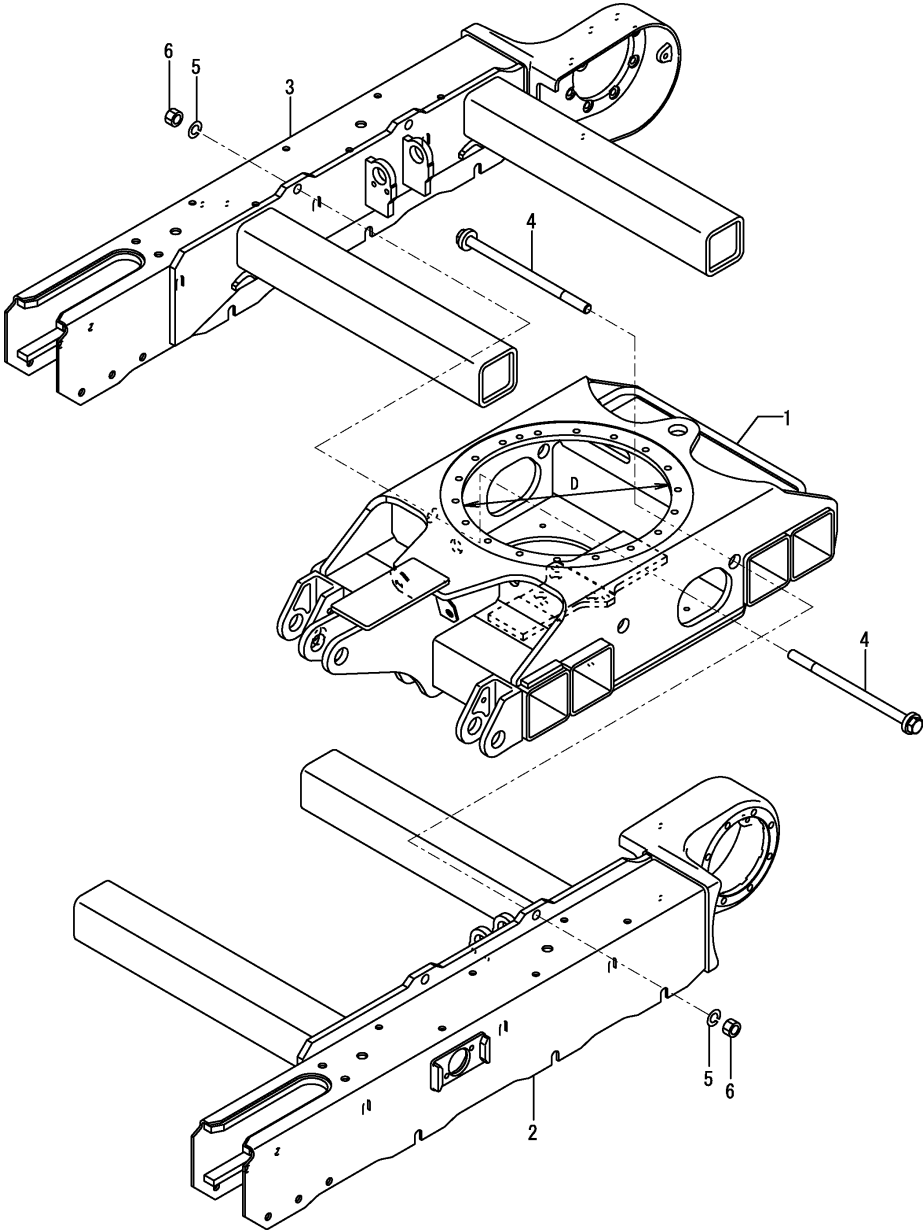


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER	2							
2	1	172A64-45420	STAND ASSY, VALVE	1							
2-1	1	172A64-45421	STAND ASSY, VALVE	1							N
(A=M/# 00977)											
2-2	1	172A64-45422	VALVE STAND ASSY	1							N
(A=M0D121)											
3	1	172A64-45580	COLLAR	2							
4	1	26013-120252	BOLT, SPRING M12X 25	6							



No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172441-44320	ARMREST	2						
2	1	172A46-46500-1	GUIDE ASSY	1						
2-1	1	172A46-46602-1	PLATE,ARMREST L ASSY	1						S
(A=M/# 00977)										
3	1	172A46-46530-1	PLATE,GUIDE R (73)	1						
3-1	1	172A46-46702-1	PLATE,GUIDE R (73)	1						S
(A=M/# 00977)										
4	1	172519-63240	BOLT	4						
5	1	172519-63240	BOLT	4						
6	1	172A46-46731-1	PLATE,GUIDE L ASSY	1						W
(A=M/# 00977)										
7	1	172A46-46631-1	PLATE,GUIDE R ASSY	1						W
(A=M/# 00977)										
8	1	22157-080000	WASHER, 8	2						W
(A=M/# 00977)										
9	1	26013-080202	BOLT, M8X 20	2						W
(A=M/# 00977)										

OCS10-M51000 FRAME
Fig.28. TRACK FRAME



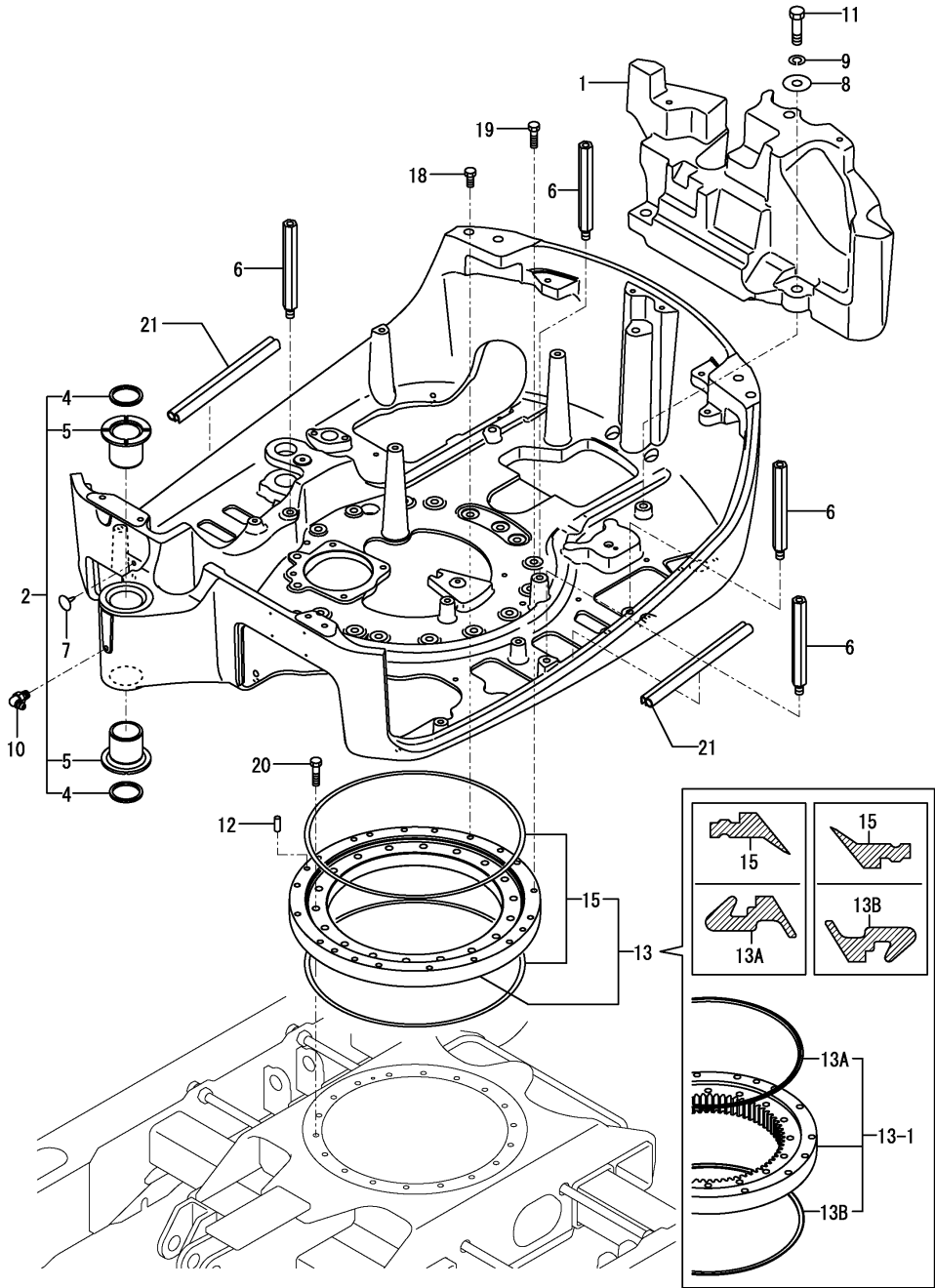
(A)=VIO17(KR)
(B)=
(C)=

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

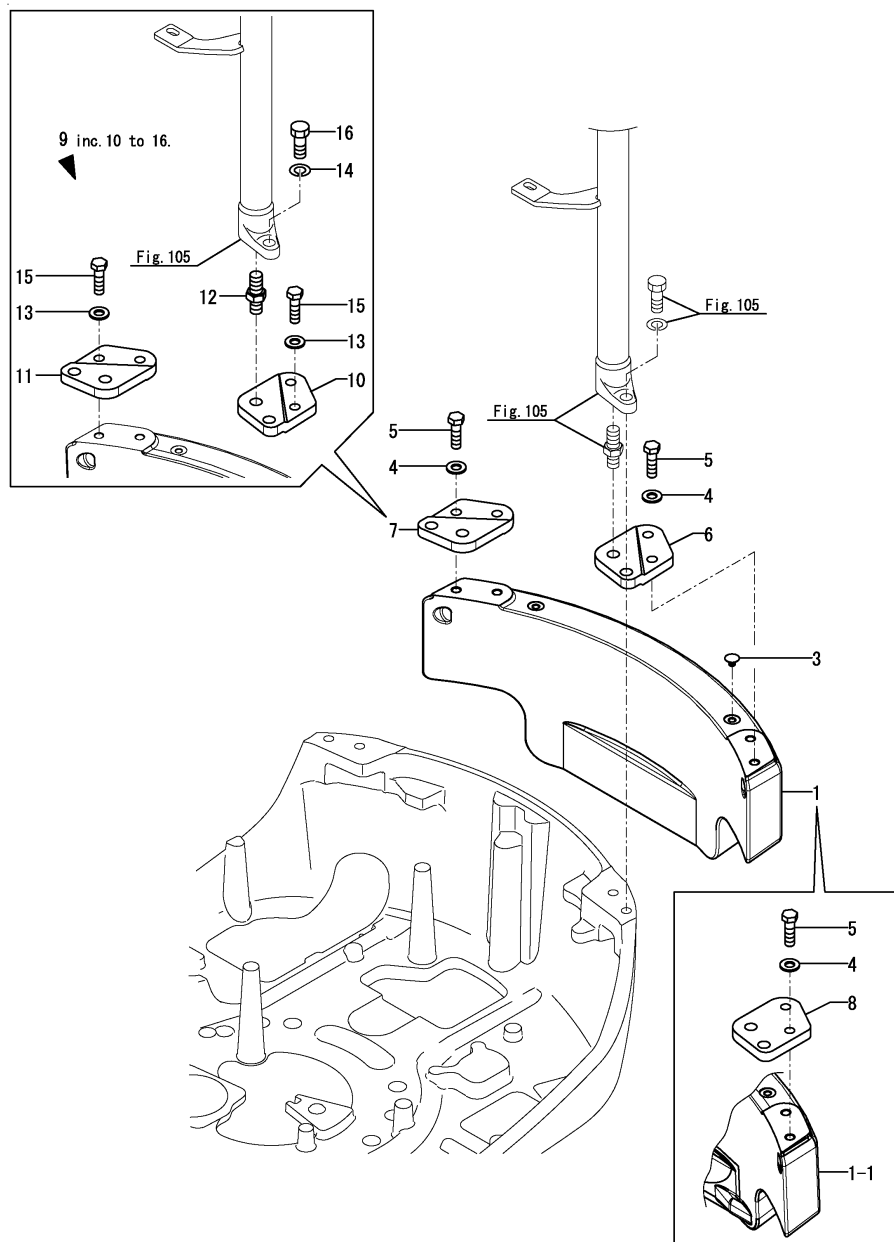
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-50200	FRAME,L-CENTER (49)	1							
1-1	1	172A64-50201	FRAME ASSY,L-CENTER	1						S	1
(A=M/#XXXXX)											
2	1	172A64-50400	FRAME,CRAWLER L(49)	1							
2-1	1	172A64-50401	FRAME,CRAWLER L(49)	1							N
(A=MZZZZZ)											
2-2	1	172A64-50402	FRAME,CRAWLER L(49)	1							N
(A=MZZZZZ)											
3	1	172A64-50410	FRAME,CRAWLER R(49)	1							
3-1	1	172A64-50411	FRAME,CRAWLER R(49)	1							N
(A=MZZZZZ)											
3-2	1	172A64-50412	FRAME,CRAWLER R(49)	1							N
(A=MZZZZZ)											
4	1	172A64-50700	BOLT ASSY, STOPPER	4							
4-1	1	172A64-50701	BOLT ASSY, STOPPER	4							R
(A=M/#01272)											
5	1	22212-160000	SPRING WAHER 16	4							
6	1	26716-160002	NUT, M16	8							

Remarks
(1)REF.NO.1 D=340MM,
REF.NO.1-1 D= 330MM.

Fig.29. TURNING FRAME & TURNING BEARING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-53300	WEIGHT	1							
2	1	172A64-54100	FRAME ASSY, TURNING	1							
4	2	172448-54120	SEAL, DUST	2							
5	2	172171-54750	BUSH 50X65	2							
6	1	172A64-54230	SUPPORT, STAND	4							
7	1	172176-68210	CLIP, TREE	2							
8	1	22157-140000	WASHER, 14	3							
9	1	22212-160000	SPRING WAHER 16	3							
10	1	24761-050000	NIPPLE, GREASE C	1							
11	1	26116-160602	BOLT, M16X 60 PLATED	3							
12	1	194940-24350	PIN, PARALLEL 10X28	3							
13	1	172447-57600	BEARING,TURNING	1							
13-1	1	172447-57601	BEARING, TURNING	1							R
(A=M0N539)											
13A	2	172A64-57620	SEAL, A	1							W
(A=M0N539)											
13B	2	172A64-57630	SEAL, B	1							W
(A=M0N539)											
15	2	172149-57610	SEAL SET	1							Z
(A=M0N539)											
18	1	26076-120252	BOLT, 10.912X 25	3							
19	1	26076-120402	BOLT, 10.912X 40	14							
20	1	26076-120452	BOLT, 10.912X 45	18							
21	1	172444-54920	SEAL, WEIGHT	2							

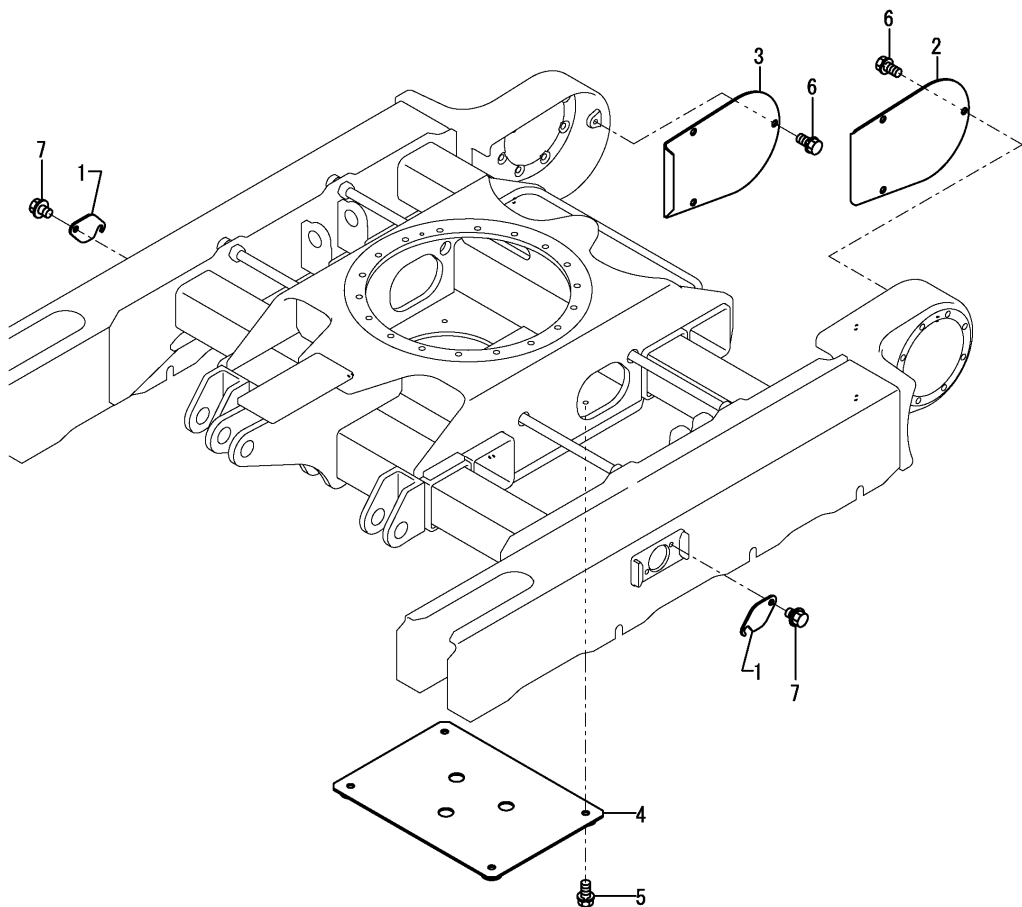


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-53510	WEIGHT,KR	1							
1-1	1	172A64-53511	WEIGHT,KR	1						F	1
(A=*2022.03)											
3	1	172176-68210	CLIP, TREE D25XL15	2							
4	1	22217-160000	WASHER, SPRING 16	4							
5	1	26076-160552	BOLT, 10.916X 55	4							
6	1	172C02-53520	BRACKET,WEIGHT L	1						Z	
(A=*2022.06)											
7	1	172C02-53530	BRACKET,WEIGHT R	1						Z	
(A=*2022.06)											
8	1	172A64-53520	BRACKET,WEIGHT	2						W	
(A=*2022.06)											
9	1	172C02-53990	BRACKET KIT, KR W.	1							
10	2	172C02-53520	BRACKET,WEIGHT L	1							
11	2	172C02-53530	BRACKET,WEIGHT R	1							
12	2	172A64-68290	JOINT, 21-M20X48	2							
13	2	22217-160000	WASHER, SPRING 16	4							
14	2	22217-200000	WASHER, SPRING 20	2							
15	2	26076-160552	BOLT, 10.916X 55	4							
16	2	26076-200702	BOLT, 10.920X 70	2							

(1) Interchangeable with a set of No.8.

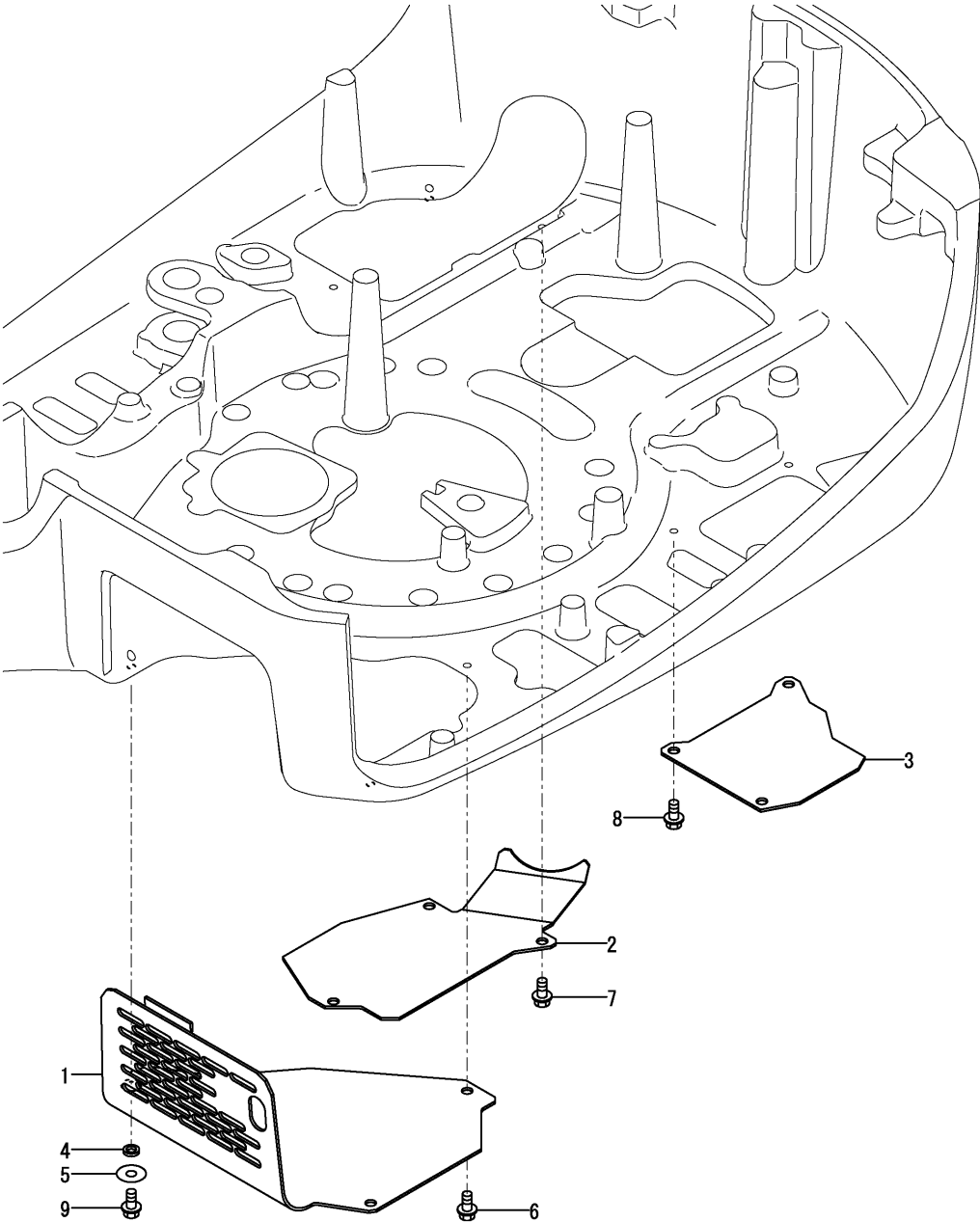
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) YANMAR GLOBAL CS CO., LTD. All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

Fig.30. COVER(LOWER)



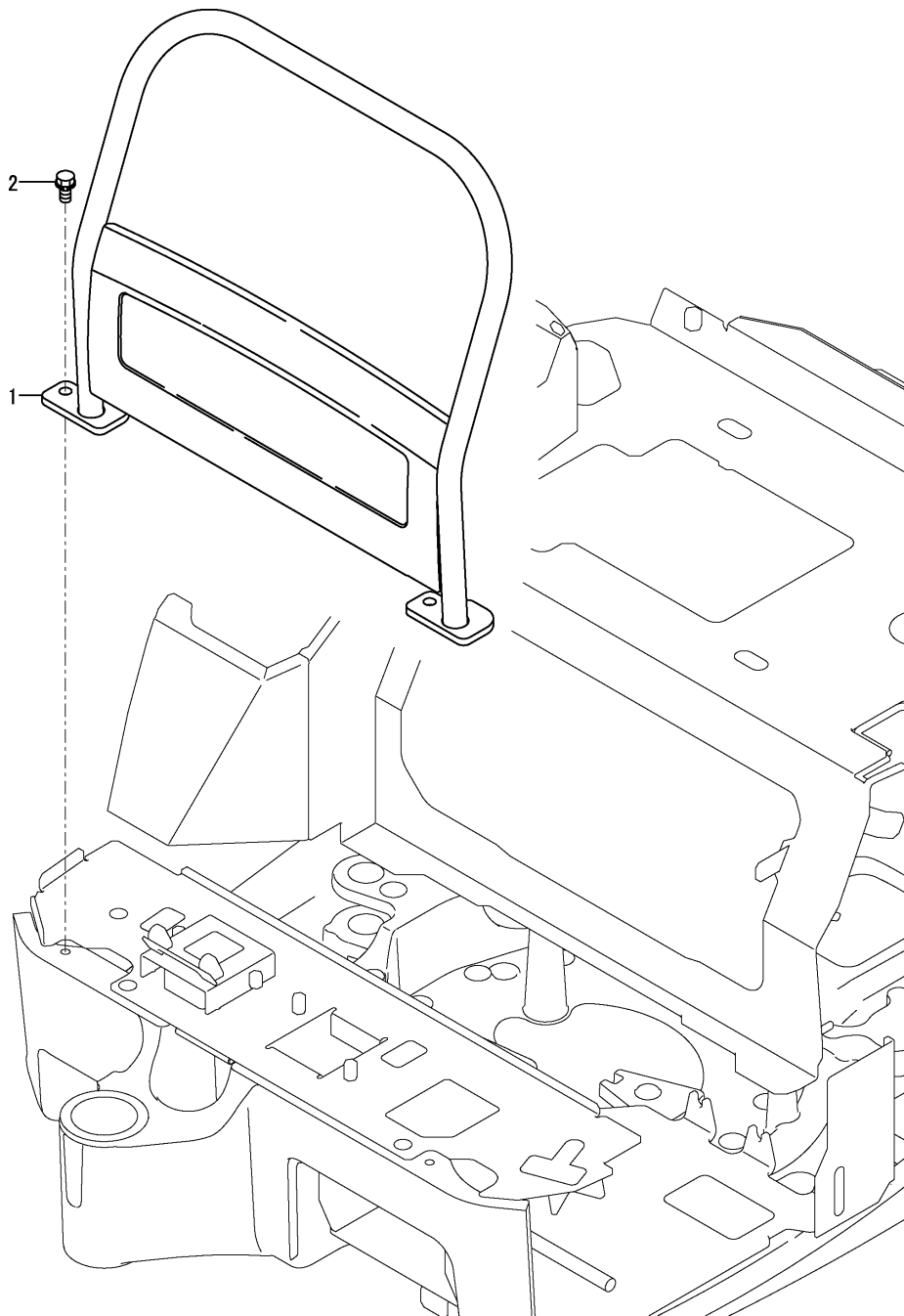
No.	Lev.	Parts No.	Description	(A)=VIO17(KR)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172458-50480-2	COVER, FRAME			2					
2	1	172A64-61500	COVER, MOTOR			1					
3	1	172A64-61510	COVER, MOTOR			1					
4	1	172A64-61520	COVER ASSY			1					
5	1	26013-100202	BOLT, M10X 20			4					
6	1	26014-100202	BOLT, M10X 20			6					
7	1	26106-100122	BOLT, M10X 12 PLATED			4					

Fig.31. COVER(TURNING FRAME UNDER)



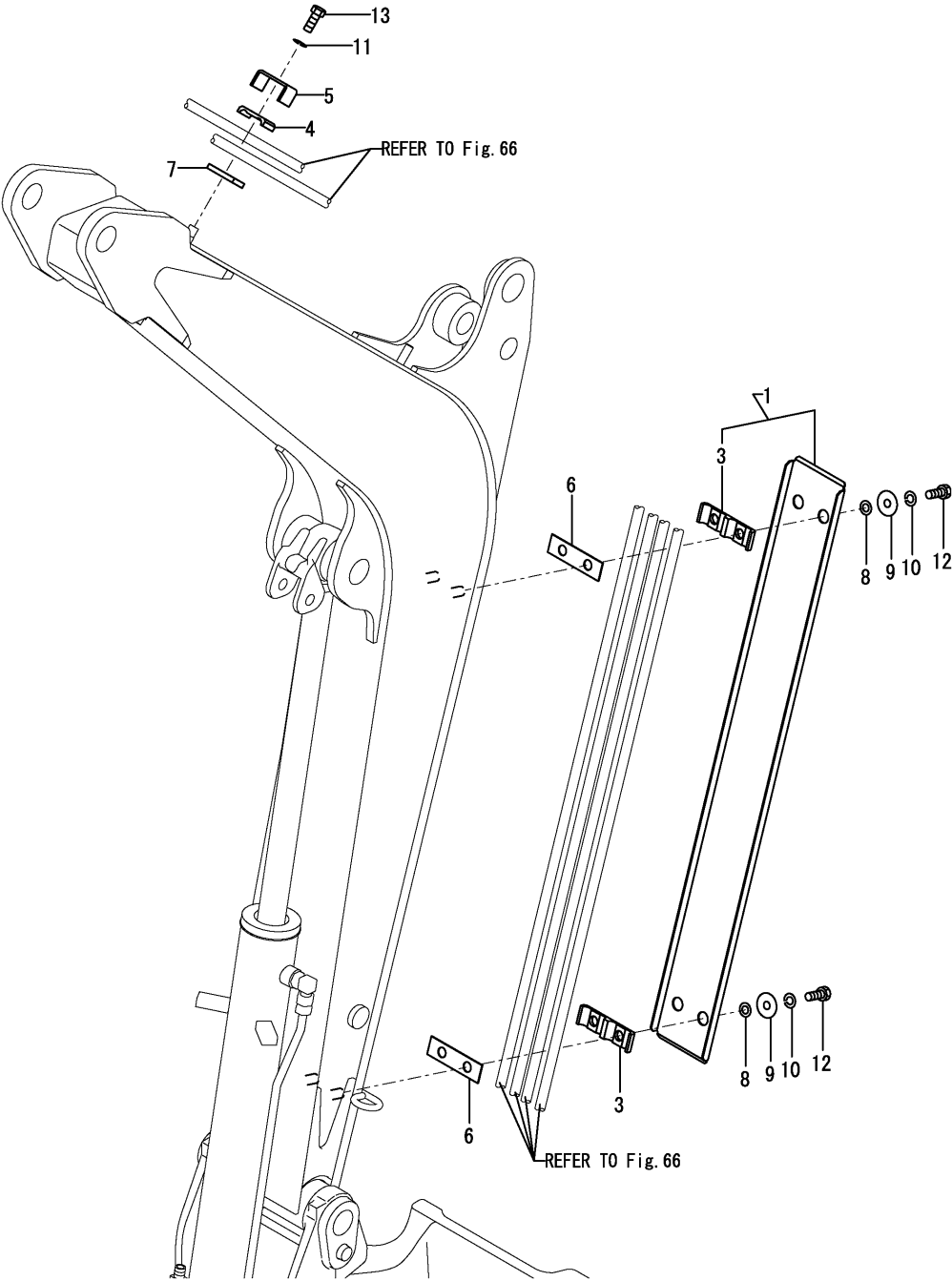
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61310	COVER ASSY	1							
2	1	172A64-61340	COVER	1							
3	1	172A64-61350	COVER, PUMP	1							
4	1	172A64-61360	COLLAR	1							
5	1	22157-100000	WASHER, 10	1							
6	1	26106-100162	BOLT, M10X 16 PLATED	2							
7	1	26106-100162	BOLT, M10X 16 PLATED	3							
8	1	26106-100162	BOLT, M10X 16 PLATED	3							
9	1	26106-100202	BOLT, M10X 20 PLATED	1							

Fig.32. COVER(FRONT)

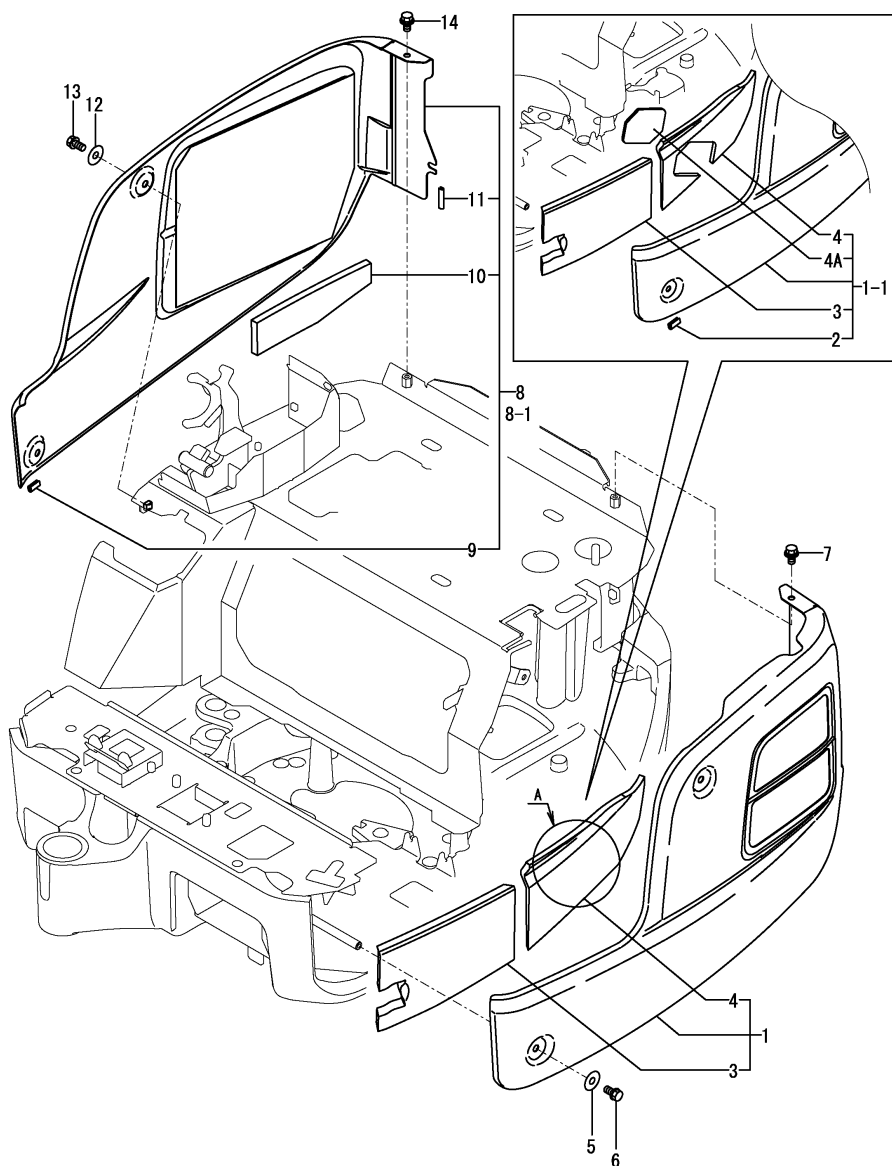


No.	Lev.	Parts No.	Description	(A)=VIO17(KR)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172A64-61100-1	COVER ASSY			1					
1-1	1	172A64-61100-Y	COVER ASSY			1					S
		(A=M07001)									
2	1	26013-120302	BOLT, M12X 30			2					

0CS10-M51000 COVER
Fig.33. COVER(HOSE)



0CS10-M51000 Fig.33												
(A)=VIO17(KR)												
(B)=												
(C)=												
(D)=												
(E)=												
(F)=												
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty	(D)	(E)	(F)	I	R
1	1	172A64-61550-1	COVER ASSY, HOSE	1								
1-1	1	172A64-61550-Y	COVER ASSY, HOSE	1							S	
(A=M07001)												
3	2	172156-78510	SUPPORT, HOSE	2								
4	1	172156-78520	SUPPORT, HOSE	1								
5	1	172446-78750-2	CLAMP, HOSE	1								
5-1	1	172446-78750-Y	CLAMP, HOSE	1							S	
(A=M07001)												
6	1	172446-78760	RUBBER PLATE A	2								
7	1	172446-78770	RUBBER PLATE B	1								
8	1	22117-080000	WASHER, 8	4								
9	1	22157-080000	WASHER, 8	4								
10	1	22217-080000	WASHER, SPRING 8	4								
11	1	22217-080000	WASHER, SPRING 8	1								
12	1	26116-080162	BOLT, M8X 16 PLATED	4								
13	1	26116-080162	BOLT, M8X 16 PLATED	1								

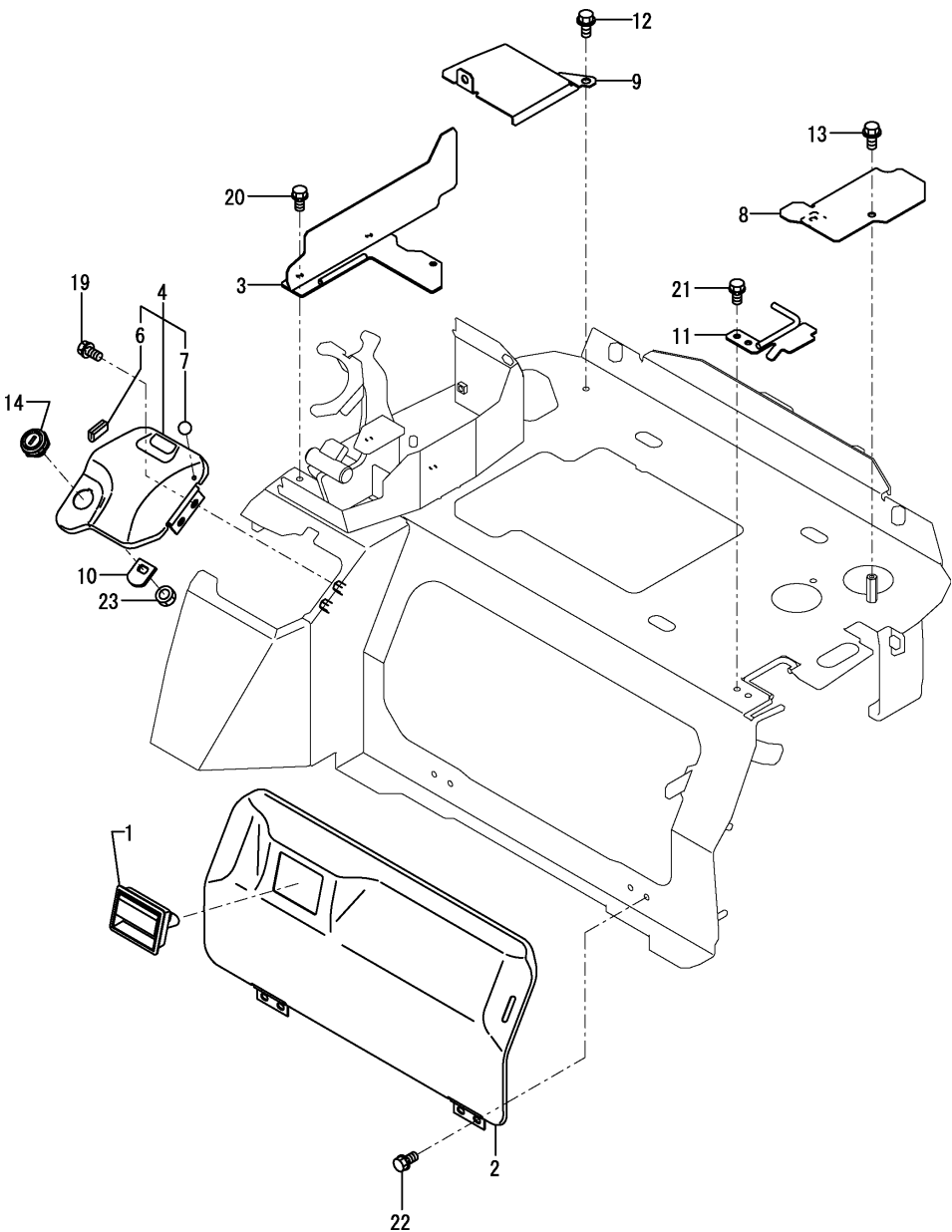


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61400-1	COVER ASSY, L	1							
1-1	1	172A64-61400-Y	COVER ASSY, L	1							S
		(A=M07001)									
1-2	1	172A64-61401-Y	COVER ASSY, L	1							N
		(A=M0T330)									
2	2	172478-65220	RUBBER, EDGE 20	1							W
		(A=M0B630)									
3	2	172A64-61450	PAD, COVER A L	1							
4	2	172A64-61460	PAD, COVER B L	1							1
4A	2	172A64-61490	SPONGE, COVER C L	1							W
		(A=M09714)									
5	1	22157-100000	WASHER, 10	2							
6	1	26013-100202	BOLT, M10X 20	2							
7	1	26014-100202	BOLT, M10X 20	2							
8	1	172A64-61260	COVER ASSY, R OC	1							
8-1	1	172A64-61260-Y	COVER ASSY, R OC	1							S
		(A=M07001)									
9	2	172478-65220	RUBBER, EDGE 20	1							W
		(A=M0B630)									
10	2	172A64-61470	PAD, COVER A R	1							
11	2	172445-62010	RUBBER, EDGE 45	1							
12	1	22157-100000	WASHER, 10	2							
13	1	26013-100202	BOLT, M10X 20	2							
14	1	26014-100202	BOLT, M10X 20	2							

(1)A part, no notch : Interchangeable by simultaneous replacement with Ref.No.4A.

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

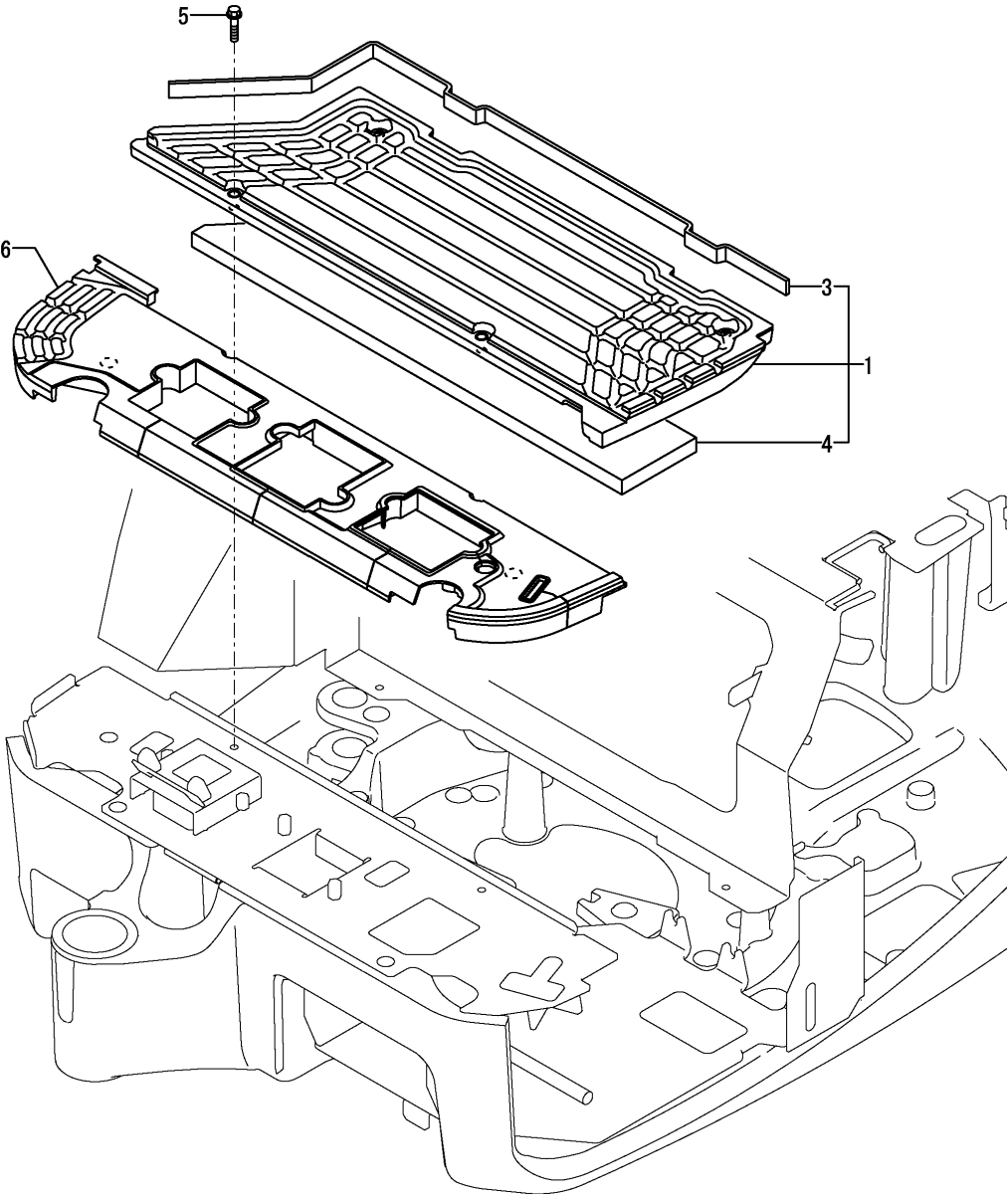
OCS10-M51000 AROUND SEAT
Fig.34. COVER(SEAT MOUNT)



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

										OCS10-M51000		Fig.3/4	
										(A)=VIO17(KR)		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
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	172B02-69040	HANDLE,LOCK BLACK	1					S				
(A=M0F001)													
2	1	172A64-61610	COVER ASSY, BATTERY	1									
2-1	1	172A64-61610-N	COVER ASSY, BATTERY	1					S				
(A=M0F001)													
3	1	172A64-61630	PLATE ASSY, COVER	1									
3-1	1	172A64-61630-N	PLATE ASSY, COVER	1					S				
(A=M0F001)													
4	1	172A64-61660	COVER ASSY, FUEL	1									
4-1	1	172A64-61660-N	COVER ASSY, FUEL	1					S				
(A=M0F001)													
6	2	172478-65220	TRIM	1									
7	2	172176-67790	PLUG	1									
8	1	172A64-61700	COVER, RESERVOIR CAP	1									
8-1	1	172A64-61700-N	COVER, RESERVOIR CAP	1					S				
(A=M0F001)													
9	1	172A64-61710	COVER, RADIATOR CAP	1									
9-1	1	172A64-61710-N	COVER, RADIATOR CAP	1					S				
(A=M0F001)													
10	1	172A64-61820	LOCK PLATE,FO	1									
11	1	172A64-61850	PLATE ASSY, COVER	1									
11-1	1	172A64-61850-N	PLATE ASSY, COVER	1					S				
(A=M0F001)													
12	1	26014-080162	BOLT, M8X 16	2									
13	1	26014-080162	BOLT, M8X 16	2									
14	1	172164-66170	KEY ASSY, CYLINDER	1									
19	1	26014-080162	BOLT, M8X 16	2									
20	1	26014-080162	BOLT, M8X 16	4									
21	1	26014-080162	BOLT, M8X 16	2									
22	1	26014-080202	BOLT, M8X 20	4									
23	1	26347-100002	NUT, M10	1									

Fig.36. STEP



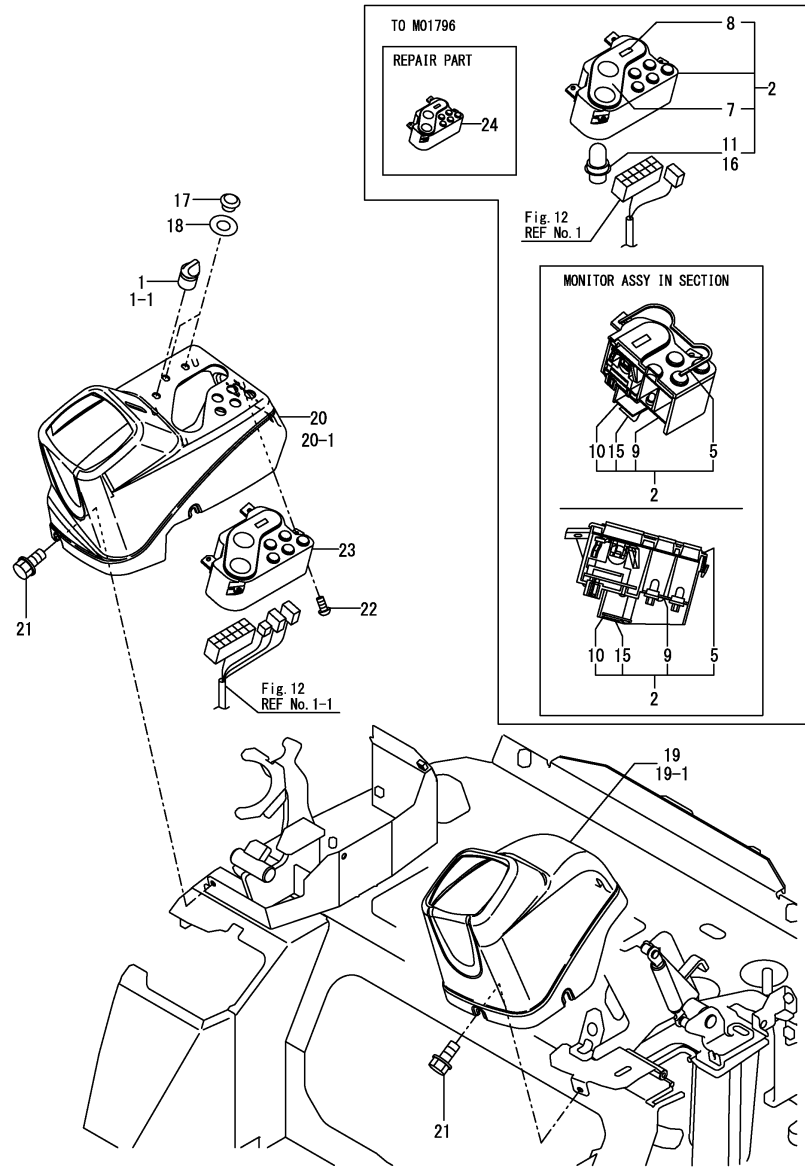
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.23,FIG.12
REF.NO.1-1,32,33.

0CS10-M51000 Fig.36												
				(A)=VIO17(KR)	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172A64-62100	STEP ASSY	1								
3	2	172A64-62120	SEAL, STEP	1								
4	2	172A64-62130	SPONGE	1								
5	1	172448-62400	BOLT, M8X35	4								
6	1	172A64-62270	FLOORMAT,PTO	1								
</												

OCS10-M51000 AROUND SEAT
Fig.37. INSTRUMENT PANEL

(A)=VIO17(KR)
(B)=
(C)=

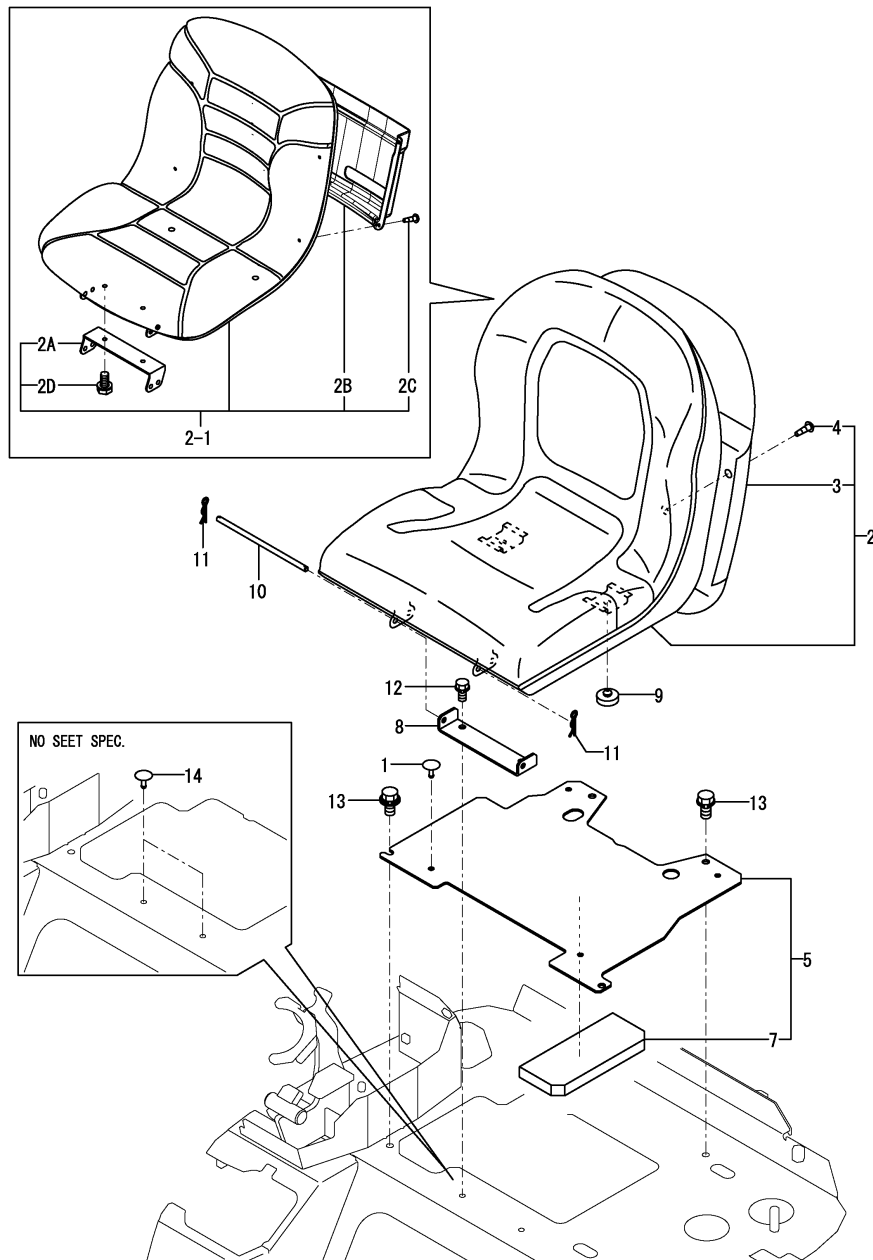
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17280	SWITCH ASSY, LIGHT	1							3
1-1	1	172187-17760	SWITCH ASSY, LAMP D	1						S	4
(A=M0F001)											
1-2	1	172187-17761	SWITCH ASSY, LAMP D	1						R	4
(A=*2024.07.)											
1-3	1	172187-17762	SWITCH ASSY, LAMP D	1						N	4
(A=*2024.12)											
2	1	172472-17501	MONITOR ASSY	1						Z	1
(A=M01797)											
5	2	172187-17320	PACKING	1							
7	2	172187-17341	GAUGE ASSY	1							
8	2	172187-17350	METER ASSY, HOUR	1							
9	2	172187-17360	PRINT, CIRCUIT	1							
10	2	172187-17371	CIRCUIT ASSY	1							
11	2	172187-17380	BULB ASSY	4							
15	2	172187-17470	PLATE	1							
16	2	172187-17480	BULB ASSY	2							
17	1	172187-17560	CAP, STEERING WHEEL	2							
18	1	172187-17570	GASKET	2							
19	1	172A47-63110	PANEL, INSTRUMENT L	1							3
19-1	1	172A47-63610	COVER, LEVER L D	1						S	
(A=M0F001)											
20	1	172A47-63121	PANEL, INSTRUMENT R	1							3
20-1	1	172A47-63620	COVER, LEVER R D	1						S	
(A=M0F001)											
21	1	172519-63240	BOLT, M8X16	6							
22	1	22857-500121	SCREW 5X12	4							
23	1	172A77-17250	MONITOR ASSY	1							W
(A=M01797)											
23-1	1	172A77-17251	MONITOR ASSY	1						N	
(A=M0U897)											
24	1	172A77-17500	MONITOR ASSY	1							W 2
(A=*2008.03.)											
24-1	1	172A77-17501	MONITOR ASSY	1						N	2
(A=*2024.07.)											

Remarks
(1)Hour meter = analog type.
Copes in No.24.
(2)Hour meter = L.C.D. type.
(3)Color = DARK OLIVE GRAY.
(4)Color = PANTONE 425C.

Fig.38. SEAT



Remarks
(1)No seet spec.

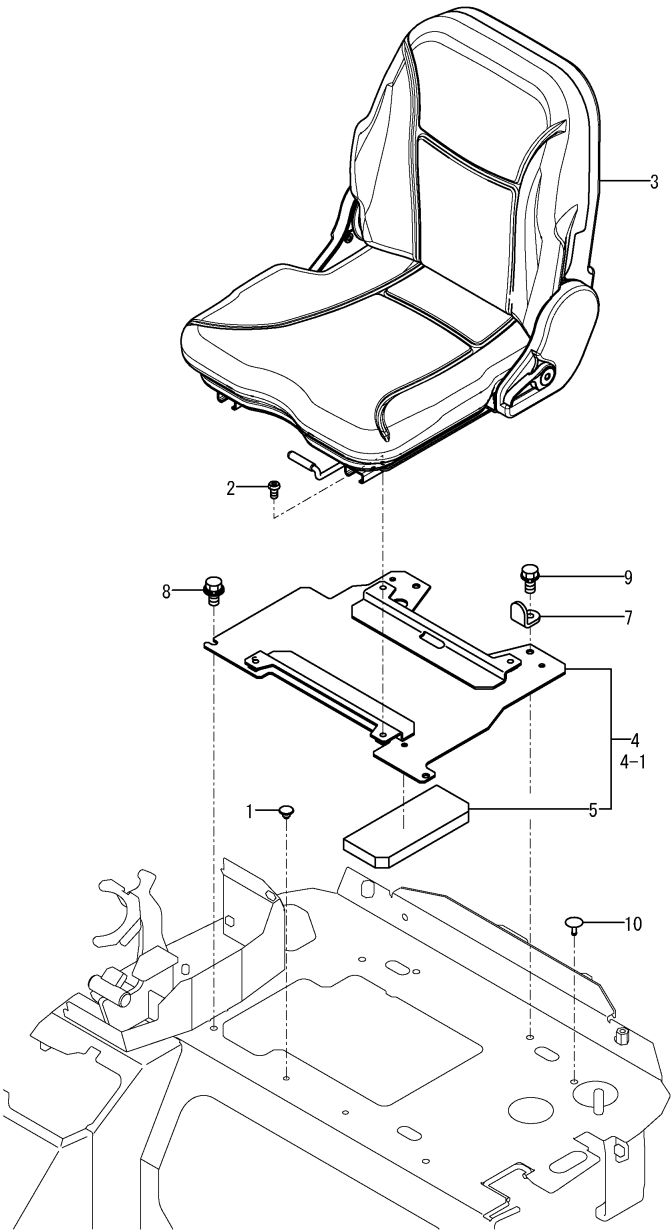
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	4							
2	1	172A54-64100	SEAT ASSY, OPERATOR	1							
2-1	1	172A64-64010	SEATASSY, OPERATOR	1							N
2-2	1	172A64-64011	SEAT ASSY	1							R
2-3	1	172A64-64012	SEAT ASSY	1							N
2A	2	172A64-64020	STAY, SEAT	1							W
2B	2	172A64-64030	CASE, LETTER	1							W
2C	2	172A64-64050	SCREW,TAPPING 6.0X16	4							W
2D	2	26013-080202	BOLT, M8X 20	2							W
2D-1	2	26106-080202	BOLT, M8X 20 PLATED	2							R
3	2	172A54-64110	COVER, REAR	1							Z
4	2	172A54-64120	SCREW, TAPPING 5X16	4							Z
5	1	172A64-64100	PLATE ASSY	1							
5-1	1	172A64-64100-N	PLATE ASSY (GRAY:73)	1							S
7	2	172A64-64120	PAD, SEAT BASE	1							
8	1	172446-64200-5	BRACKET, SEAT	1							
8-1	1	172446-64200-N	BRACKET, SEAT	1							S
9	1	172141-64370	CUSHION, SEAT	2							
10	1	172156-64420	PIN, 8-195	1							
11	1	22372-080000	PIN, SNAP 8	2							
12	1	26014-080202	BOLT, M8X 20	2							
13	1	26014-100202	BOLT, M10X 20	4							
14	1	172444-17660	CLIP, TREE 8	2							W 1

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

OCS10-M51000 AROUND SEAT
Fig.98. (38A)SEAT(4P CANOPY)



OCS10-M51000 Fig.98													
(A)=VIO17(KR)													
(D)=													
(B)=													
(E)=													
(C)=													
(F)=													
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty	(D)	(E)	(F)	I	R	
1	1	172444-17660	CLIP, TREE 8	2									
2	1	172455-61710	BOLT, BUTTON 8X16	4									
3	1	172A64-64070	SEAT ASSY, RECLINING	1									1
3-1	1	172A64-64071	SEAT ASSY, RECLINING	1							N		1
(A=*2022.08)													
4	1	172A64-64850	PLATE ASSY,KR	1									
4-1	1	172A64-64850-N	PLATE ASSY,KR	1								S	
(A=M0F001)													
5	2	172A64-64120	PAD, SEAT BASE	1									
7	1	172A64-64970	STOPPER,RAIL	1									
8	1	26014-100202	BOLT, M10X 20	3									
9	1	26014-100252	BOLT, M10X 25	1									
10	1	172122-17190	CLIP, TREE	4								Z	
(A=M0E352)													

Remarks
(1)Inner parts are shown in Fig.104(38B).

Fig.104. (38B)SEAT(INNER PARTS)

(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-64070	SEAT ASSY, RECLINING	1							
1-1	1	172A64-64071	SEAT ASSY, RECLINING	1							N
(A=*2022.08)											
2	2	172A64-64040	HINGE ASSY	1							
3	2	172A64-64060	COVER	1							
4	2	172A64-64080	HINGE ASSY	1							
5	2	172A64-64090	COVER	1							
6	2	172B02-64210	SEAT ASSY, BACK	1							
7	3	172B02-64270	BOX ASSY,MANUAL	1							
10	4	172A89-64950	BAND	1							
13	3	22859-500200	SCREW, 5.0 X 20	4							
13-1	3	22857-500200	SCREW 5X20	4							R
(A=M0U909)											
14	2	172B02-64230	BRACKET ASSY, SEAT	1							
15	2	172A89-64780	SEAT, CUSHION	1							
16	2	172A89-64800	RAIL ASSY, TL	1							
16-1	2	172B02-64900	RAIL ASSY, L	1							S
(A=*2022.08)											
16-2	2	172A89-64800	RAIL ASSY, TL	1							S
(A=*2023.02)											
17	2	172A89-64810	RAIL ASSY, TR	1							
17-1	2	172B02-64910	RAIL ASSY, R	1							S
(A=*2022.08)											
17-2	2	172A89-64810	RAIL ASSY, TR	1							S
(A=*2023.02)											
18	2	172A89-64870	COVER	2							
19	2	172A89-64880	LEVER	1							
20	2	26106-080252	BOLT, M8X 25 PLATED	4							
21	2	26106-100162	BOLT, M10X 16 PLATED	6							
22	2	26106-100252	BOLT, M10X 25 PLATED	2							
23	2	26559-050202	SCREW, M5X20	1							
23-1	2	26557-050202	SCREW, M5X20	1							R
(A=M0U909)											

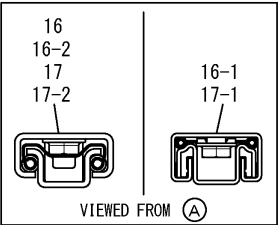
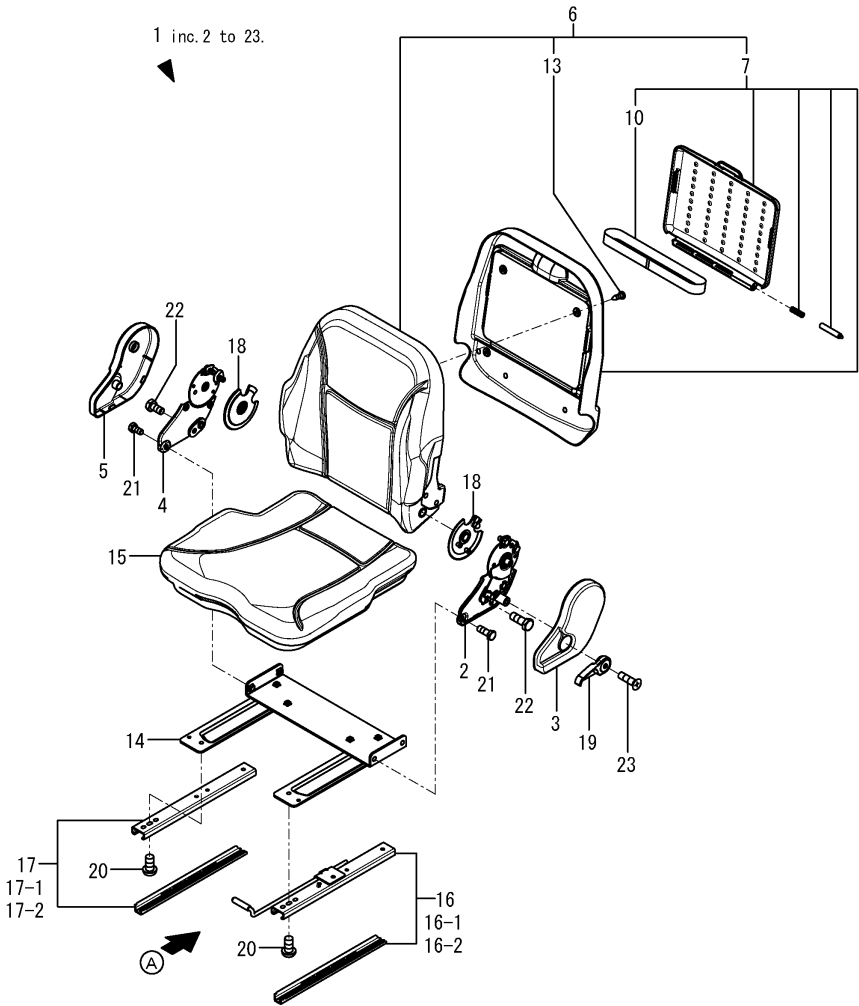
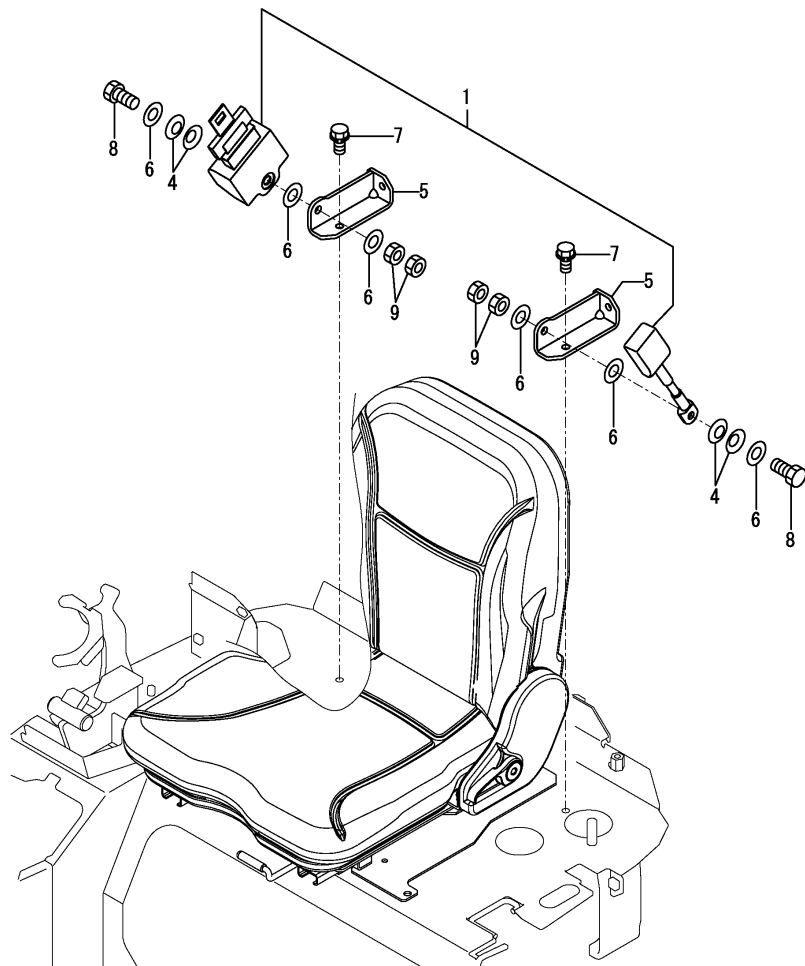


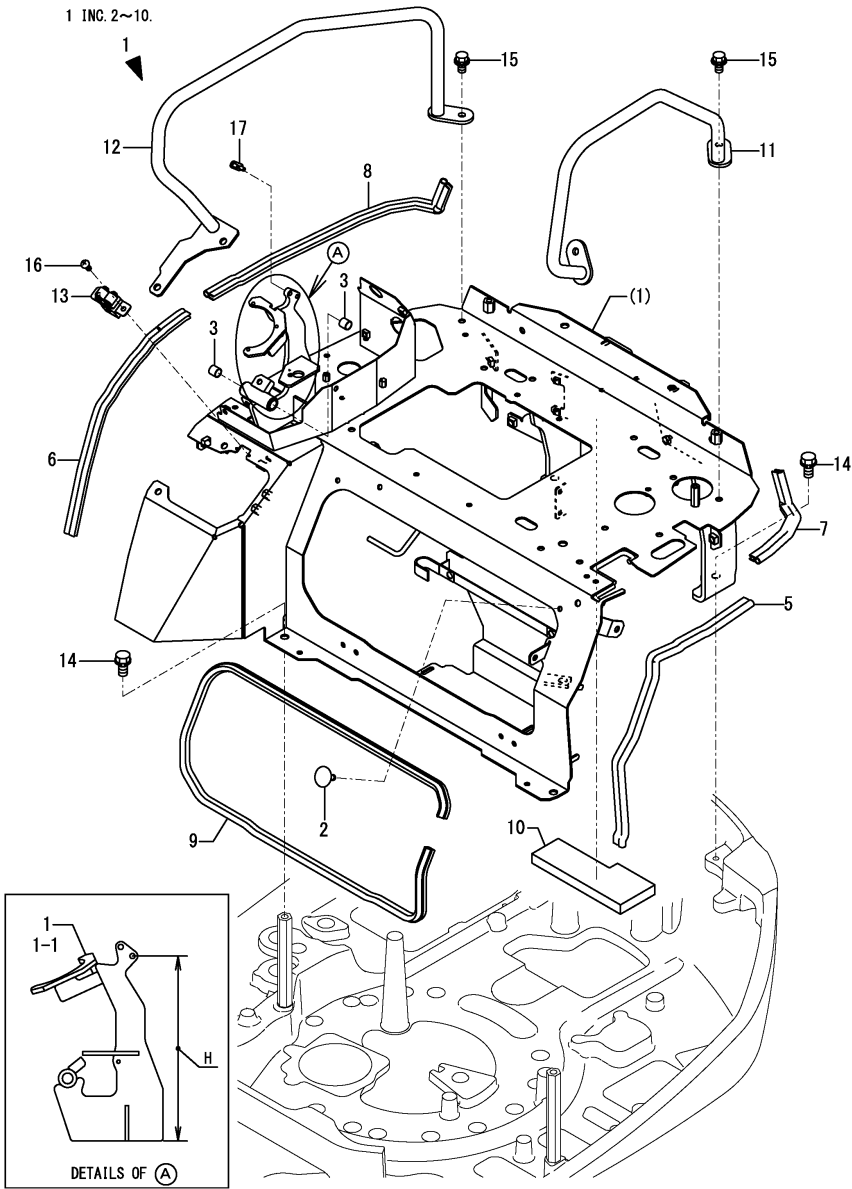
Fig.99. (38C)SEAT BELT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8160-63401	SEATBELT ASSY	1							
4	1	172A77-64270	SPRING	4							
5	1	172A64-64800	BRACKET,SEAT BELT(73	2							
5-1	1	172A64-64800-N	BRACKET,SEAT BELT	2							S
		(A=M0F001)									
6	1	22137-100000	WASHER, 10	6							
7	1	26014-100252	BOLT, M10X 25	4							
8	1	26116-100352	BOLT, M10X 35 PLATED	2							
9	1	26716-100002	NUT, M10	4							

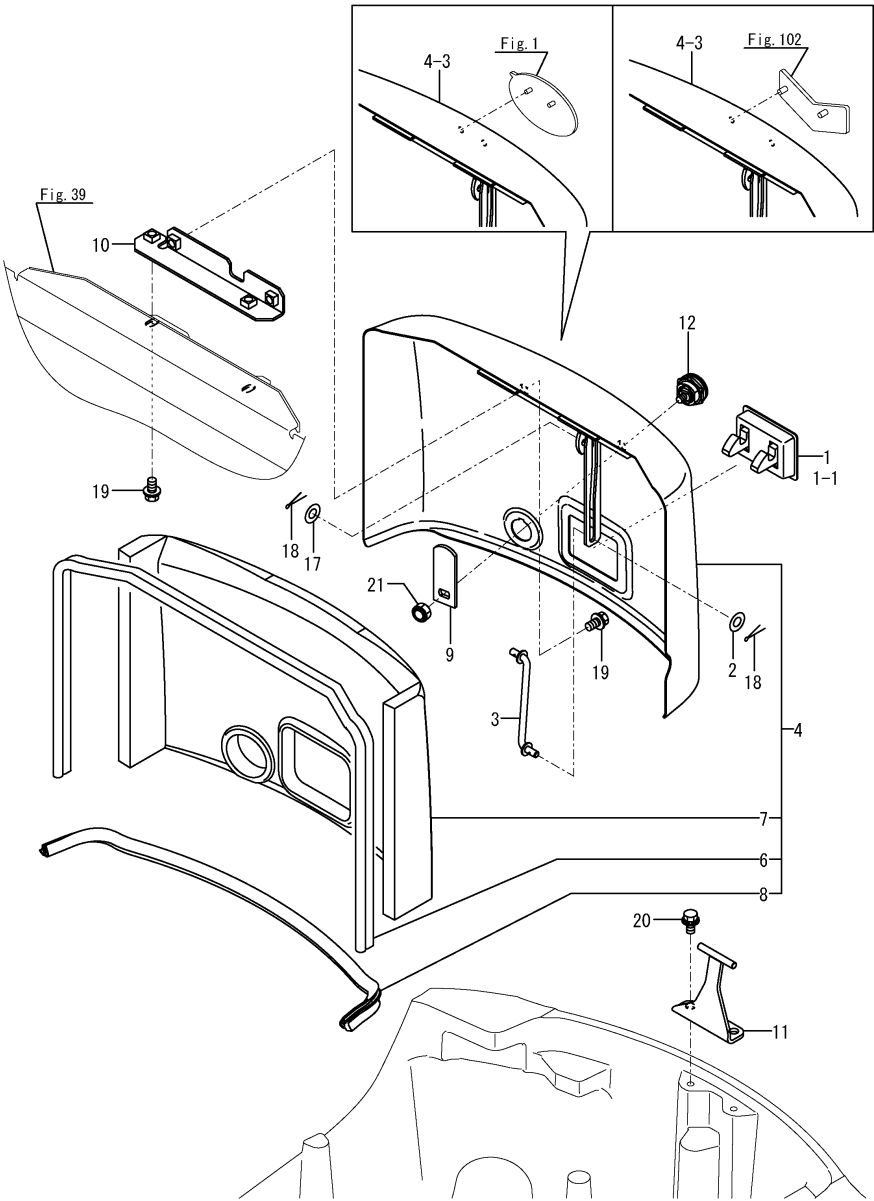
(A)=VIO17(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-64200	MOUNT ASSY, SEAT	1							
1-1	1	172A64-64201	MOUNT ASSY, SEAT	1						S	2
(A=M03318)											
1-2	1	172A64-64202	MOUNT ASSY, SEAT	1							N
(A=M0D121)											
1-3	1	172A64-64202-N	MOUNT ASSY, SEAT	1							S
(A=M0F001)											
2	2	172122-17190	CLIP, TREE	2							
3	2	172141-41360	BUSH	2							
5	2	172A64-64910	SEAL, 600	1							
6	2	172A64-64920	SEAL, 480	1							
7	2	172A64-64930	SEAL, 240	1							
8	2	172A64-64940	SEAL, 560	1							
8-1	2	172A64-64910	SEAL, 600	1							N
(A=*2009.12.)											
9	2	172A64-64950	SEAL, 1500	1							
10	2	172A64-64960	SPONGE	1							
11	1	172A64-64710	PIPE, HAND HOLD	1							
11-1	1	172A64-64710-N	PIPE, HAND HOLD	1							S
(A=M0F001)											
12	1	172A64-64730	PIPE, HAND HOLD	1							
12-1	1	172A64-64730-N	PIPE, HAND HOLD	1							S
(A=M0F001)											
13	1	172448-65680	CATCH, ROLLER	1							
14	1	26013-120302	BOLT, SPRING M12X 30	4							
15	1	26014-100202	BOLT, M10X 20	5							
16	1	26557-040082	SCREW, M4X 8	2							
17	1	172A64-46150	PLUG	1							Z 1
(A=M/# 00977)											

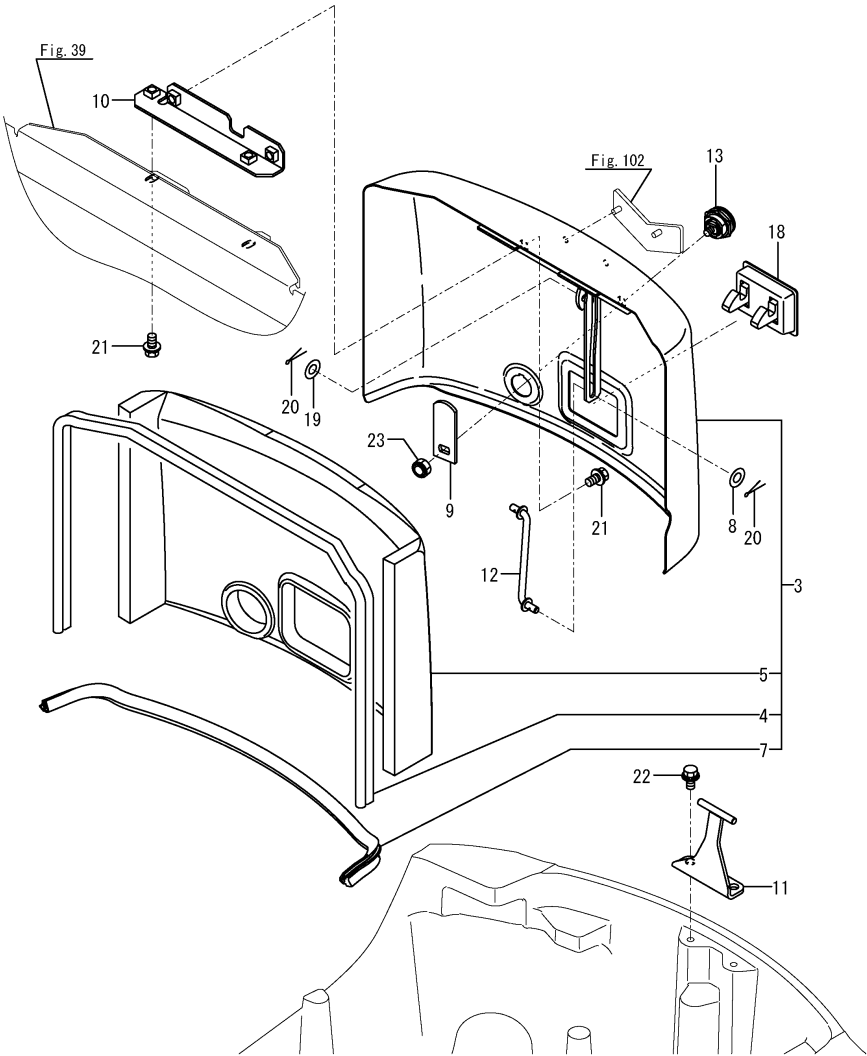
Remarks
(1)WHEN FIG.85 IS INSTALLED,IT IS UNNECESSARY.
(2)REF.NO.1 H=260MM, REF.NO.1-1 H=263MM.



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

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=M0F001)											
2	1	1A1380-62160	WASHER, BELT COVER	1							
3	1	172444-64730	ROD ASSY, STOPPER	1							
4	1	172A64-65100-1	BONNET ASSY	1							
4-3	1	172A64-65600	BONNET ASSY	1						S	
(A=M07001)											
6	2	172A64-65160	SEAL, 1170	1							
6-1	2	172C02-65160	SEAL, 1150	1						N	
(A=*2022.12)											
7	2	172A64-65170	PAD, BONNET	1							
8	2	172649-65770	RUBBER, SEAL C	1							
9	1	172A64-65180	PLATE, LOCK	1							
10	1	172A64-65200	MOUNT ASSY, BONNET	1							
11	1	172A64-65250	LOCK ASSY	1							
12	1	172164-66170	KEY ASSY, CYLINDER	1							
17	1	22137-080000	WASHER, 8	1							
18	1	22417-200200	PIN, COTTER 2.0X20	2							
19	1	26014-100202	BOLT, M10X 20	4							
20	1	26014-100202	BOLT, M10X 20	2							
21	1	26347-100002	NUT, M10	1							

Fig.106. (40A)BONNET(ADDITIONAL WEIGHT SPEC.)



(A)=VIO17(KR)
(B)=
(C)=

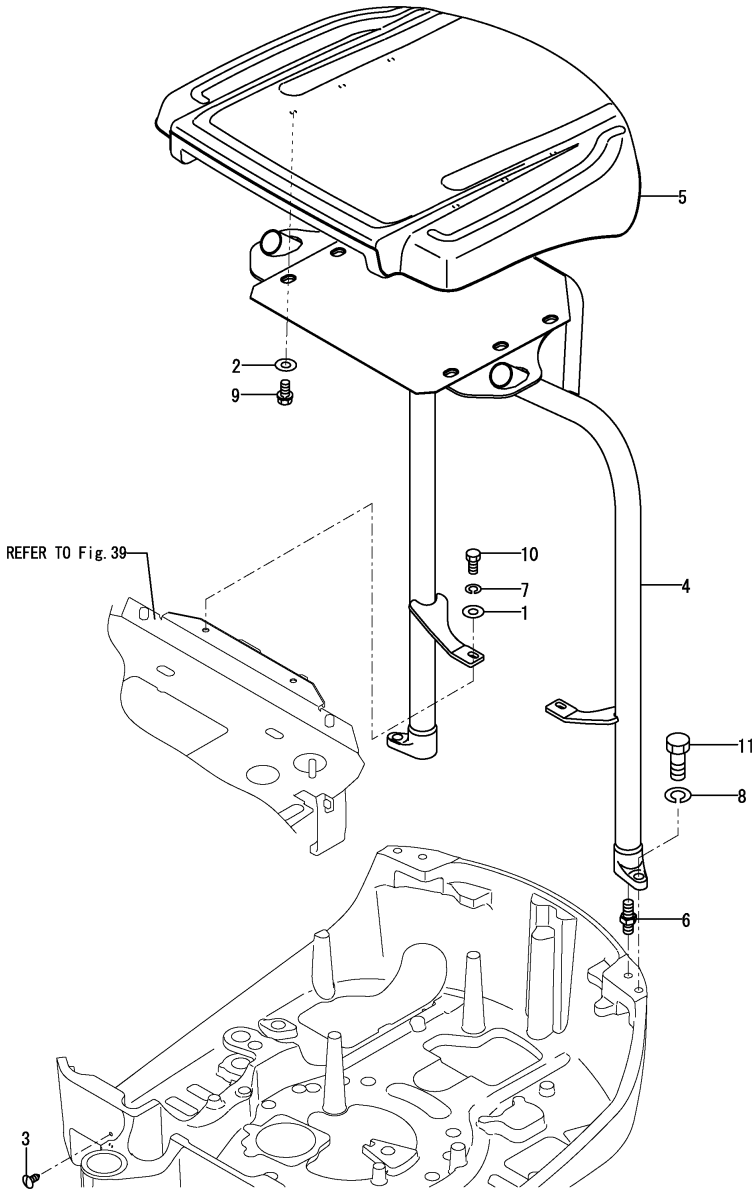
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	1	172A64-65600	BONNET ASSY	1							
4	2	172A64-65160	SEAL, 1170	1							
4-1	2	172C02-65160	SEAL, 1150	1							N
(A=*2022.12)											
5	2	172A64-65170	PAD, BONNET	1							
7	2	172649-65770	RUBBER, SEAL C	1							
8	1	1A1380-62160	WASHER, BELT COVER	1							
9	1	172A64-65180	PLATE, LOCK	1							
10	1	172A64-65200-1	MOUNT ASSY,BONNET	1							
11	1	172A64-65250	LOCK ASSY	1							
12	1	172A64-65300	ROD ASSY, STOPPER	1							
13	1	172164-66170	KEY ASSY, CYLINDER	1							
18	1	172B02-69040	HANDLE, LOCK BLACK	1							
19	1	22137-080000	WASHER, 8	1							
20	1	22417-200200	PIN, COTTER 2.0X20	2							
21	1	26014-100202	BOLT, M10X 20	4							
22	1	26014-100202	BOLT, M10X 20	2							
23	1	26347-100002	NUT, M10	1							

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

(A)=VIO17(KR)
(B)=
(C)=

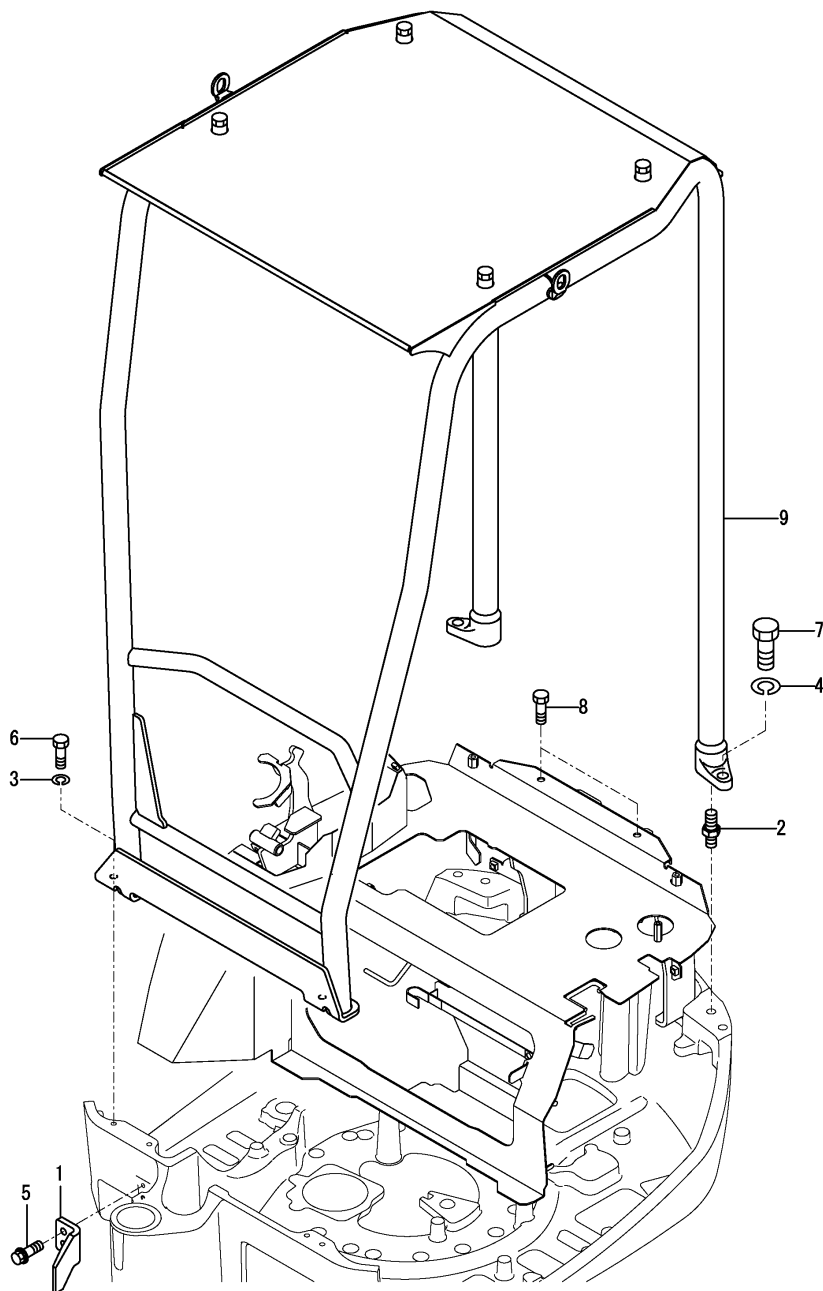
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER	2							
2	1	172730-05250	WASHER	6							
3	1	172122-17190	CLIP, TREE	2							
4	1	172A64-68110	CANOPY, HEAD GUARD	1							
4-1	1	172A64-68111	CANOPY ASSY, TOPS HG	1						N	
(A=M0E352)											
4-2	1	172A64-68111-N	CANOPY ASSY, TOPS HG	1						S	
(A=M0F001)											
5	1	172A64-68200	ROOF ASSY,CANOPY	1							1
5-1	1	172A64-67000	ROOF ASSY,CANOPY D	1						S	2
(A=M0F001)											
6	1	172A64-68250	JOINT, 21-M20X28	2							
7	1	22217-120000	WASHER, SPRING 12	2							
8	1	22217-200000	WASHER, SPRING 20	2							
9	1	26013-120302	BOLT, SPRING M12X 30	6							
10	1	26076-120402	BOLT, 10.912X 40	2							
11	1	26076-200502	BOLT, 10.920X 50	2							

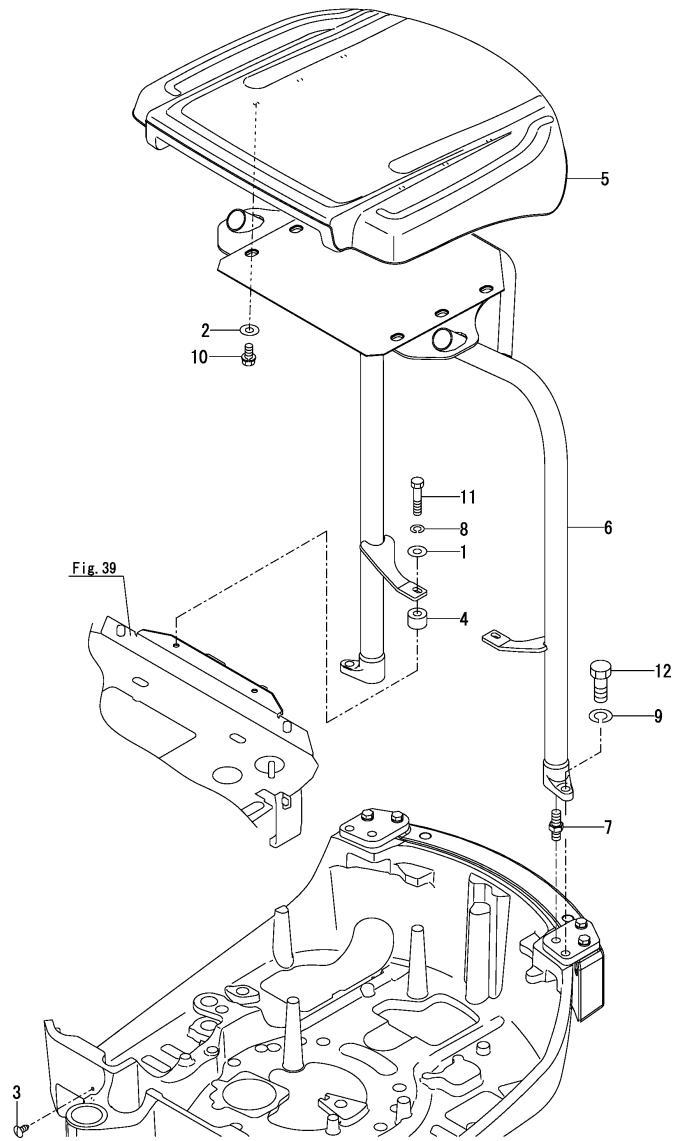
Remarks
* For changing from CANOPY(head-guard) to CANOPY(TOPS),
the seatbelt indicated in Fig.99(38B) and labels(Fig.2 No.18 & 19) are required.
(1)Color = NATURAL WHITE.
(2)Color = NAVY GRAY.

Fig.100. (41A)CANOPY(4P)



No.	Lev.	Parts No.	Description	(A)=VIO17(KR)		(D)=		I	R
				(B)=	(C)=	(E)=	(F)=		
				(A)	(B)	Q'ty			
				(C)	(D)	(E)	(F)		
1	1	172A64-54150	STOPPER, BRACKET	1					
2	1	172A64-68250	JOINT, 21-M20X28	2					
3	1	22217-120000	WASHER, SPRING 12	2					
4	1	22217-200000	WASHER, SPRING 20	2					
5	1	26014-100302	BOLT, M10X 30	2					
6	1	26076-120352	BOLT, 10.912X 35	2					
7	1	26076-200502	BOLT, 10.920X 50	2					
8	1	26116-120252	BOLT, M12X 25 PLATED	2					
9	1	172A64-66280	CANOPY ASSY, ROPS	1					
9-1	1	172A64-66290	CANOPY ASSY	1					N
	(A=M0E341)								
9-2	1	172A64-66290-N	CANOPY ASSY,ROPS	1					S
	(A=M0F001)								

Fig.105. (41B)CANOPY(2P)(ADDITIONAL WEIGHT SPEC.)



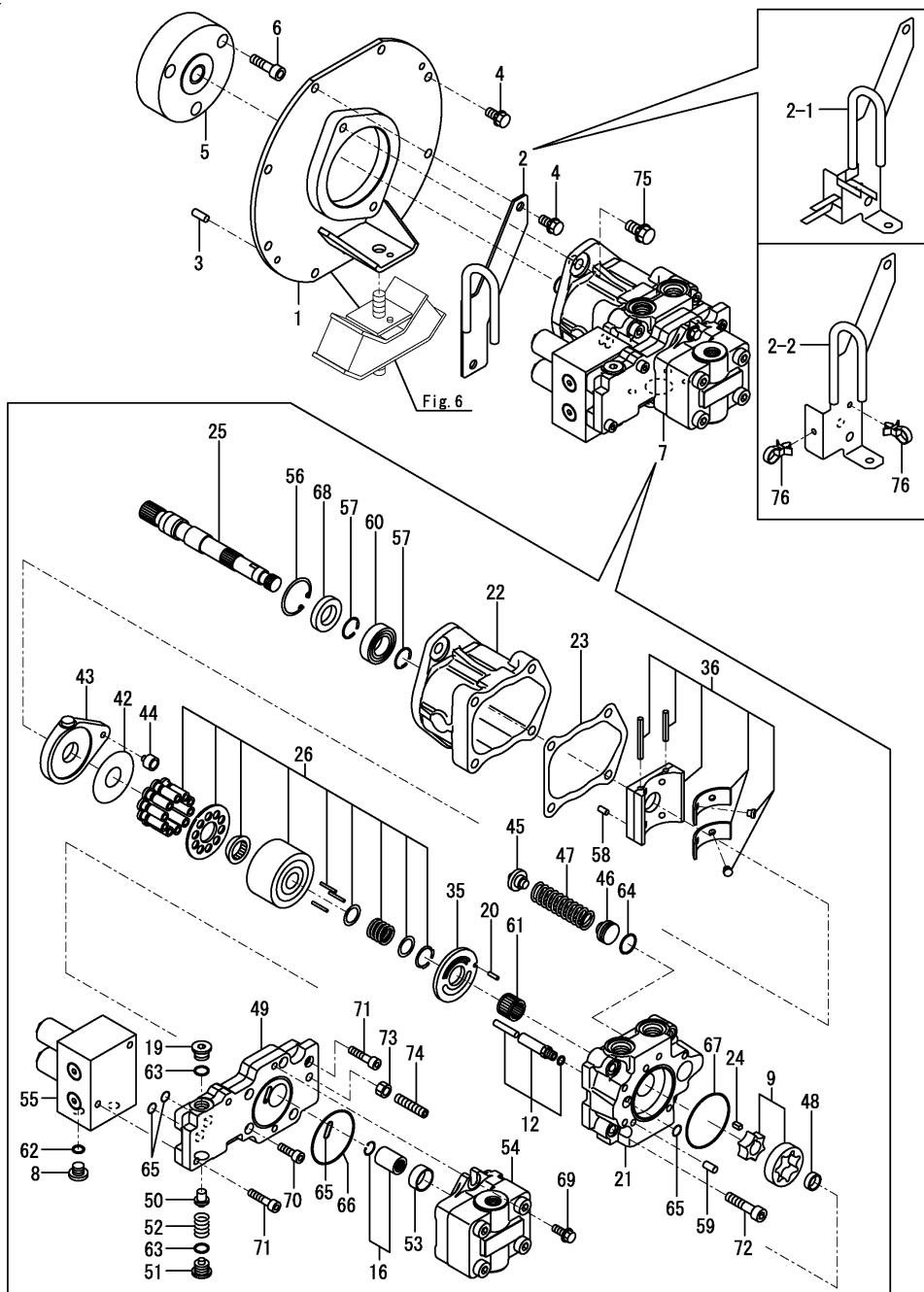
Remarks
* For changing from CANOPY(head-guard) to CANOPY(TOPS),
the seatbelt indicated in Fig.99(38B) and labels(Fig.2 No.18 & 19) are required.
(1)Color = NATURAL WHITE.
(2)Color = NAVY GRAY.

(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER 12	2							
2	1	172730-05250	WASHER 12	6							
3	1	172122-17190	CLIP, TREE	2							
4	1	172A64-53450	SPACER, R	2							
5	1	172A64-67000	ROOF ASSY, CANOPY D	1							
6	1	172A64-68111	CANOPY ASSY, TOPS HG	1							
7	1	172A64-68290	JOINT, 21-M20X48	2							
8	1	22217-120000	WASHER, SPRING 12	2							
9	1	22217-200000	WASHER, SPRING 20	2							
10	1	26013-120302	BOLT, M12X 30	6							
11	1	26076-120552	BOLT, 10.912X 55	2							
12	1	26076-200702	BOLT, 10.920X 70	2							

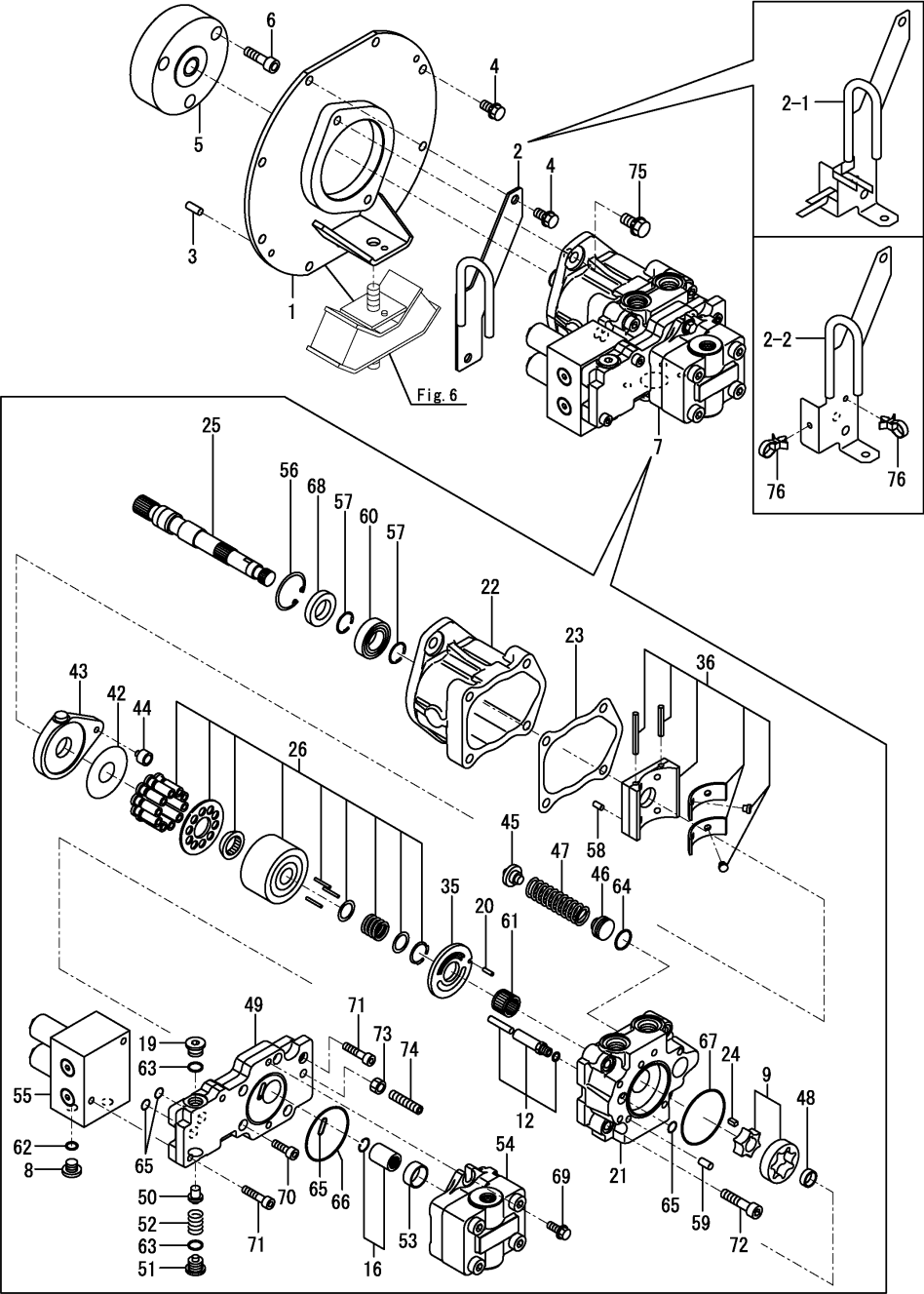
Fig.42. HYDRAULIC PUMP & JOINT(PUMP : K SPEC.)(TO M09713)



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	172A64-71100	MOUNT ASSY, PUMP	1						
1-1	1	172A64-71101 (A=M09294)	MOUNT ASSY, PUMP	1						N
2	1	172A64-71210	GUIDE ASSY, HOSE	1						
2-1	1	172A64-71211 (A=M02841)	GUIDE ASSY, HOSE	1						S
2-2	1	172A64-71212 (A=M09459)	GUIDE ASSY,HOSE	1						N
3	1	22312-080200	PIN, PARALLEL M8X20	2						
4	1	26013-100252	BOLT, M10X 25	8						
5	1	172448-71200	COUPLING	1						
6	1	26450-100352	BOLT, M10X 35	3						
7	1	172A64-73100	PUMP ASSY, HYDRAULIC	1						
8	2	178076-12400	PLUG, G1/4	2						
9	2	1E1271-27620	ROTOR SET, 13	1						
12	2	168PA0-29010	POWER PISTON SET	1						
16	2	168PA0-29020	COUPLING SET	1						
19	2	1A6750-29850	PLUG, G3/8	1						
20	2	158802-85040	PIN, PARALLEL 4X14	1						
21	2	168PA0-86010	BLOCK, PORT	1						
22	2	168PA0-86020	HOUSING	1						
23	2	168PA0-86030	PACKING	1						
24	2	168PA0-86050	KEY	1						
25	2	168PA0-86060	SHAFT	1						
26	2	168PA0-86140	BLOCK ASSY, PLUNGER	1						
35	2	168PA0-86210	PLATE, VALVE	1						
36	2	168PA0-86290	HOLDER ASSY, CRADLE	1						
42	2	168PA0-86330	PLATE, THRUST	1						
43	2	168PA0-86340	CRADLE	1						
44	2	158842-86360	RETAINER, SPRING	1						
45	2	158842-86610	RETAINER, SPRING A	1						
46	2	158842-86620	RETAINER, SPRING B	1						
47	2	168PA0-86650	SPRING, CRADLE	1						
48	2	168PA0-86720	BUSH, 17X8	1						
49	2	168PA0-86730	BLOCK, CONTROL	1						
50	2	168PA0-86740	VALVE, RELIEF	1						
51	2	168PA0-86750	PLUG, RELIEF VALVE	1						
52	2	168PA0-86760	SPRING, RELIEF VALVE	1						
53	2	168PA0-86830	COLLAR, PUMP	1						
54	2	168PA0-87010	GEAR PUMP ASSY	1						
55	2	168PA0-87020	VALVE ASSY, SOLENOID	1						
56	2	22252-000420	RING, 42	1						
57	2	22292-000250	RING, S-25	2						
58	2	22312-060120	PIN, PARALLEL M6X12	3						
59	2	22312-080160	PIN, PARALLEL M8X16	2						
60	2	24101-060054	BEARING, BALL 6005	1						
61	2	24162-202620	BEARING, 202620	1						
62	2	24311-000110	O-RING, 1AP11.0	2						
62-1	2	24315-000110 (A=M/#00977)	O-RING, 1BP11.0	2						N
63	2	24311-000140	O-RING, 1AP14.0	2						

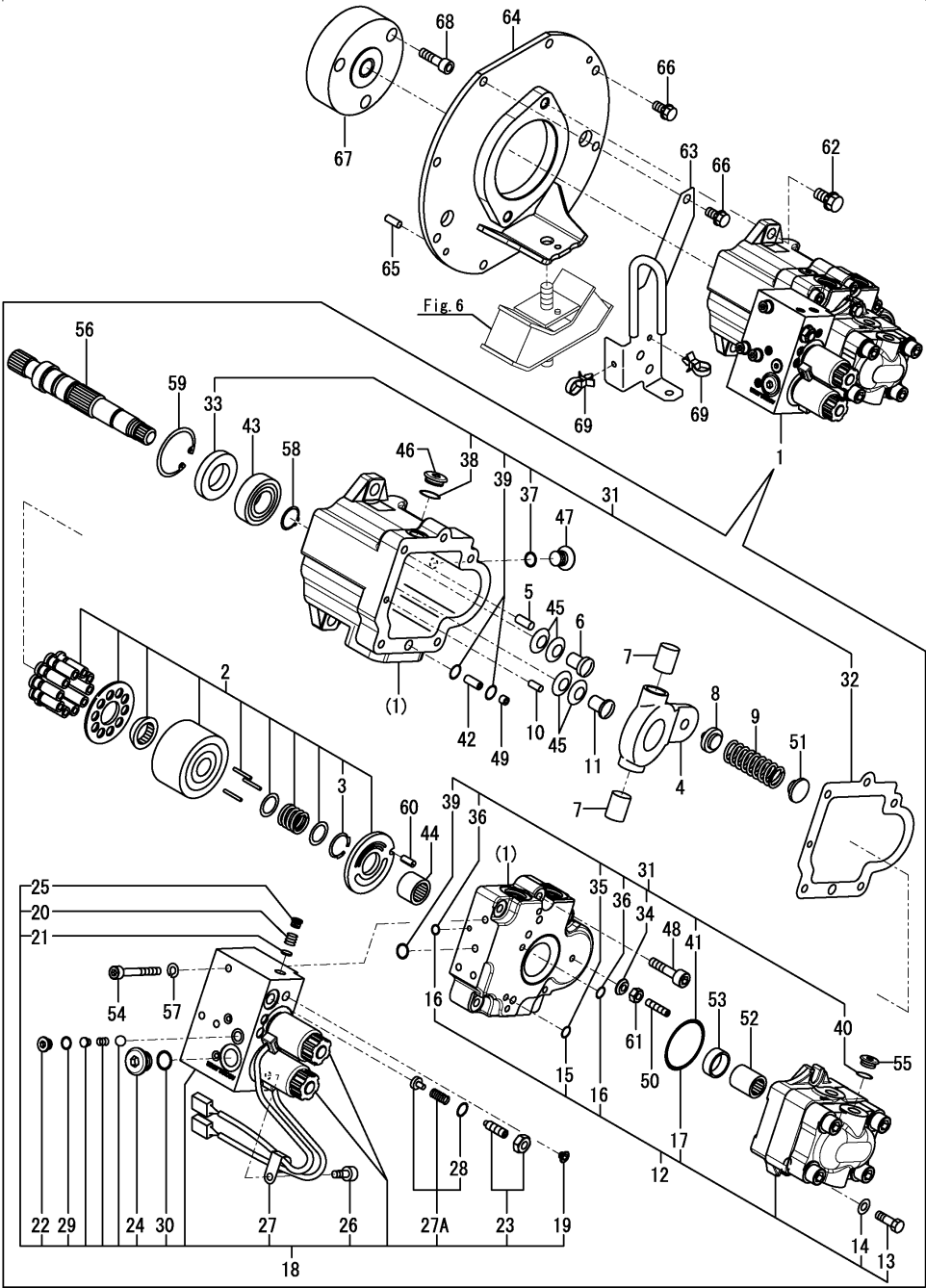
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++ Copyright (C)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

Fig.42. HYDRAULIC PUMP & JOINT(PUMP : K SPEC.)(TO M09713)



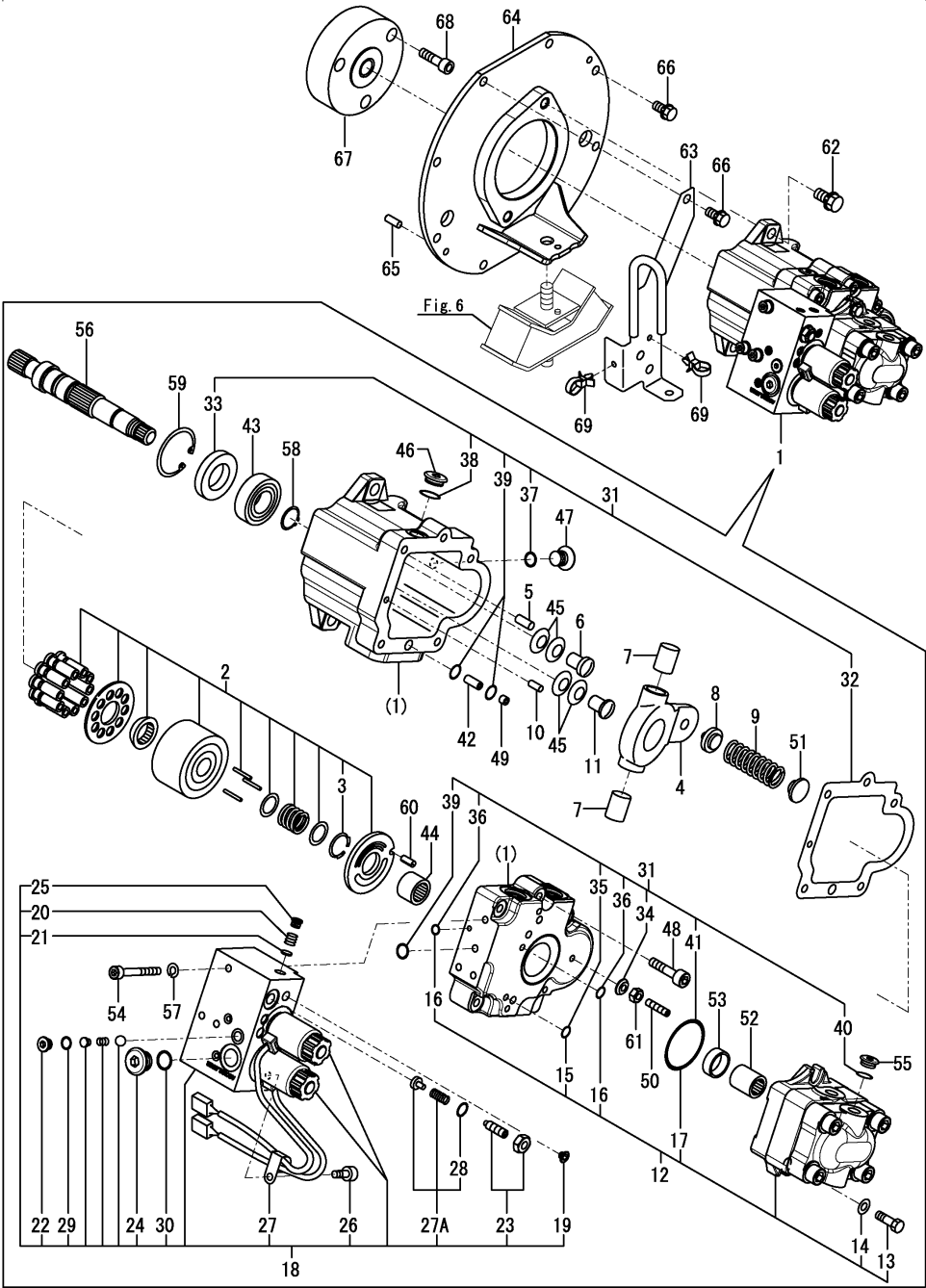
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
63-1	2	24315-000140 (A=M/#00977)	O-RING, 1BP14.0	2							N
64	2	24311-000220	O-RING, 1AP22.0	1							
64-1	2	24315-000220 (A=M/#00977)	O-RING, 1BP22.0	1							N
65	2	24341-000140	O-RING, 1AS14.0	4							
65-1	2	194327-45640 (A=M/#00977)	O-RING, 1AS14.0	4							N
66	2	24341-000630	O-RING, 1AS63.0	1							
67	2	24341-000670	O-RING, 1AS67.0	1							
68	2	24421-254208	SEAL, OIL TC254208	1							
69	2	26106-080202	BOLT, M8X 20 PLATED	2							
70	2	26450-080252	BOLT, M8X 25	4							
71	2	26450-080352	BOLT, M8X 35	3							
72	2	26450-100452	BOLT, M10X 45	4							
73	2	26716-100002	NUT, M10	1							
74	2	26979-100452	SCREW, M10X45	1							
75	1	26013-120352	BOLT, M12X 35	2							
76	1	1E8775-84120 (A=M09459)	CLAMP, BAND B	2							W

Fig.94. (42A)HYDRAULIC PUMP & JOINT(PUMP : F SPEC.)(FROM M09714)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73200	PUMP ASSY, PVD	1							
2	2	172A23-73110	BARREL KIT, CYLINDER	1							
3	3	172448-73190	SNAP RING	1							
4	2	172422-73140	PLATE, SWASH	1							
5	2	172B16-73140	ROD, G	2							
6	2	172B16-73150	PIN, STOPPER A	1							
7	2	172422-73160	PIN, SWING	2							
8	2	172422-73200	HOLDER	1							
9	2	172A64-73210	SPRING, T1 PVD	1							
10	2	172422-73220	PIN	1							
11	2	172A64-73220	PIN, STOPPER B PVD	1							
12	2	172A64-73230	PUMP KIT, GEAR PVD	1							
13	3	172450-73120	BOLT, HEXAGON 8X25	2							
14	3	172450-73130	WASHER	2							
15	3	24315-000070	O-RING, 1BP7.0	1							
16	3	24315-000080	O-RING, 1BP8.0	2							
17	3	24325-000550	O-RING, 1BG55.0	1							
18	2	172A64-73240	VALVE KIT,SOL PVD	1							
18-1	2	172A64-73241	VALVE KIT, SOL PVD	1							N
(A=M0B239)											
18-2	2	172A64-73242	VALVE KIT,SOL PVD	1							N
(A=M0R980)											
19	3	172422-73550	PLUG	7							
20	3	172422-73620	SPRING	1							
21	3	172422-73630	FILTER, COIN	1							
22	3	172458-73630	PLUG	1							
23	3	172422-73640	ADJUSTER KIT	1							
24	3	172458-73640	PLUG	1							
25	3	172422-73650	PLUG	2							
26	3	172422-73660	BOLT, HEX SOCKET	1							
27	3	172422-73670	BAND, BANDING	1							
27A	3	172A64-73280	RELIEF KIT	1							
28	4	24315-000100	O-RING, 1BP10.0	1							
29	3	24315-000080	O-RING, 1BP8.0	1							
30	3	24315-000140	O-RING, 1BP14.0	1							
31	2	172A64-73260	SEAL KIT, PVD	1							
32	3	172422-73170	GASKET	1							
33	3	172422-73510	SEAL, OIL	1							
34	3	172422-73570	WASHER, SEAL	1							
35	3	24315-000070	O-RING, 1BP7.0	1							
36	3	24315-000080	O-RING, 1BP8.0	2							
37	3	24315-000110	O-RING, 1BP11.0	1							
38	3	24315-000110	O-RING, 1BP11.0	1							
39	3	24315-000120	O-RING, 1BP12.0	3							
40	3	24315-000140	O-RING, 1BP14.0	1							
41	3	24325-000550	O-RING, 1BG55.0	1							
42	2	172422-73280	PIN	1							
43	2	172422-73290	BEARING, BALL	1							
44	2	172422-73500	BEARING, NEEDLE	1							
45	2	172422-73520	SPRING	4							
46	2	172422-73530	PLUG	1							

Fig.94. (42A)HYDRAULIC PUMP & JOINT(PUMP : F SPEC.)(FROM M09714)

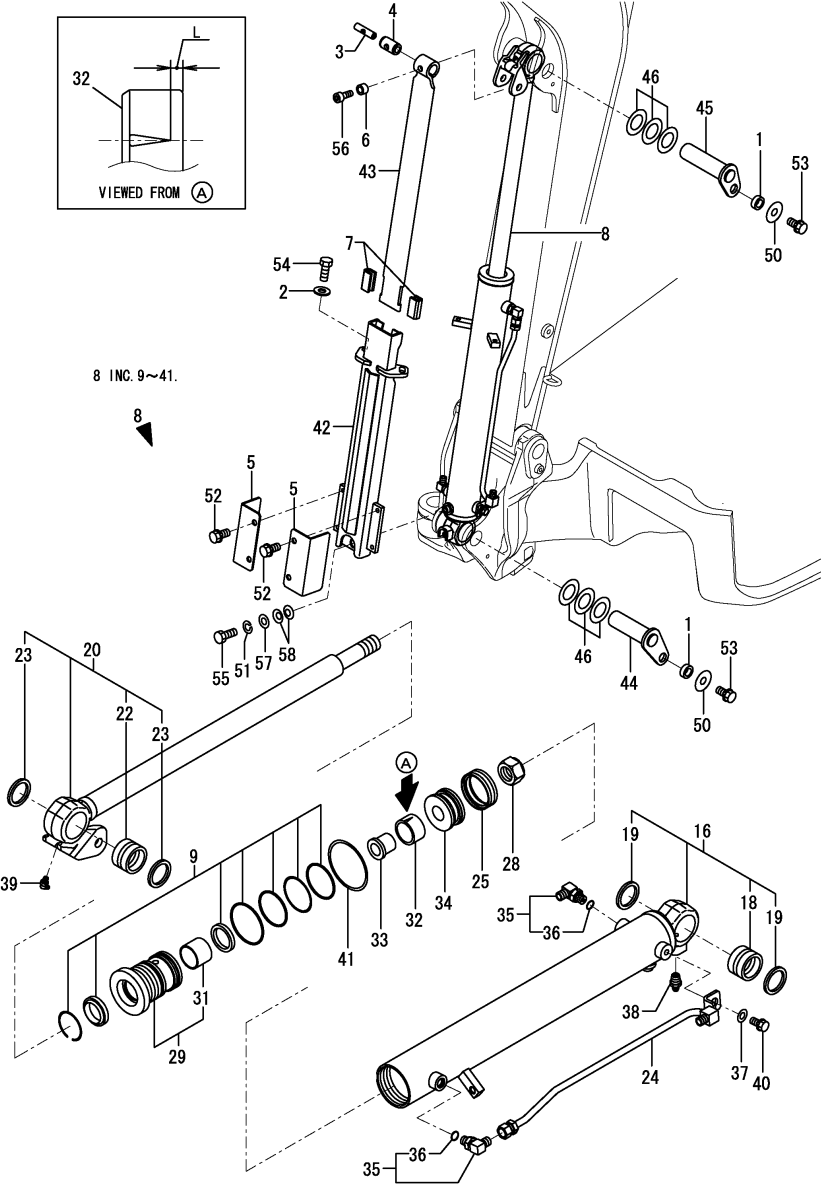


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	2	172422-73530	PLUG	1							
48	2	172422-73540	BOLT, HEX SOCKET	5							
49	2	172422-73550	PLUG	5							
50	2	172422-73560	SCREW, HEX. SOCKET	1							
51	2	172458-73570	GUIDE, SPRING	1							
52	2	172422-73580	COUPLING	1							
53	2	172422-73590	COLLAR	1							
54	2	172422-73610	BOLT, HEX SOCKET	3							
55	2	172458-73640	PLUG	1							
56	2	172458-73660	SHAFT	1							
57	2	22212-080000	WASHER 8	3							
58	2	22242-000250	RING, 25	1							
59	2	22252-000520	RING, 52	1							
60	2	22351-060016	PIN, SPRING 6.0X16	1							
61	2	26711-080002	NUT, M8	1							
62	1	26013-120352	BOLT, M12X 35	2							
63	1	172A64-71212	GUIDE ASSY,HOSE	1							
64	1	172A64-71300	MOUNT ASSY, PUMP	1							
65	1	22312-080200	PIN, PARALLEL M8X20	2							
66	1	26013-100252	BOLT, M10X 25	8							
67	1	172448-71200	COUPLING	1							
68	1	26450-100352	BOLT, M10X 35	3							
69	1	1E8775-84120	CLAMP, BAND B	2							

Fig.43. BOOM CYLINDER

(A)=VIO17(KR)
(B)=
(C)=

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



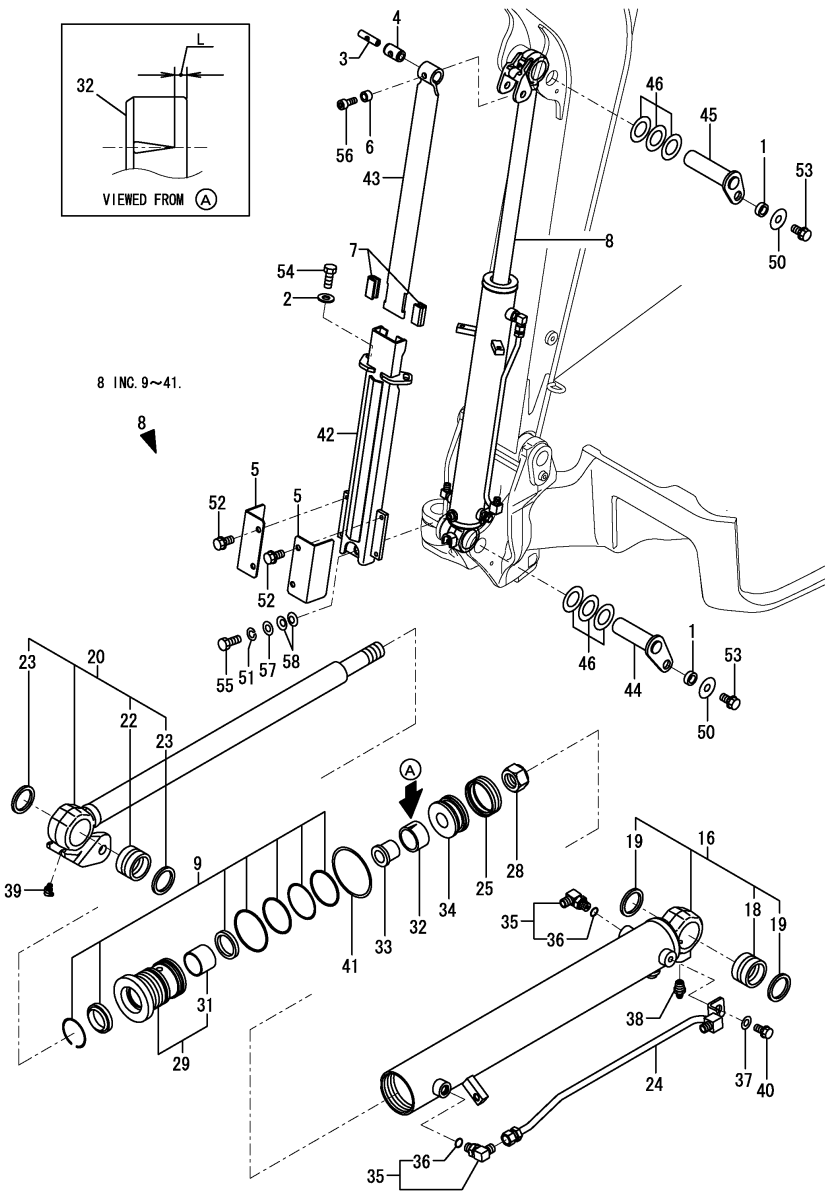
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2							
2	1	172137-46042	SEAT, SPRING	2							
3	1	172A23-72043	SHAFT	1							
4	1	172A23-72052	GROMMET	1							
5	1	172A64-72050-1	COVER, CYLINDER	2							
5-1	1	172A64-72051-1	COVER, CYLINDER	2							N
(A=M/## 01769)											
5-2	1	172A64-72051-N	COVER, CYLINDER	2							S
(A=M07001)											
6	1	172A46-72070	SPACER	1							
7	1	172A23-72081	GUIDE, SLIDE	2							
8	1	172A64-72100-1	CYLINDER ASSY, BOOM	1							
8-1	1	172A64-72100-N	CYLINDER ASSY, BOOM	1							S
(A=M07001)											
9	2	172A64-72030	SEAL SET, HEAD 60 35	1							
16	2	172A64-72110-1	TUBE ASSY, BOOM	1							
16-1	2	172A64-72110-N	TUBE ASSY, BOOM	1							S
(A=M07001)											
18	3	172A64-72190	BUSH,35-45-30	1							
19	3	172448-81610	SEAL, DUST 35X45X4	2							
20	2	172A64-72150	ROD ASSY, BOOM	1							
22	3	172A64-72190	BUSH,35-45-30	1							
23	3	172448-81610	SEAL, DUST 35X45X4	2							
24	2	172A64-72200-1	TUBE ASSY, BOOM	1							
24-1	2	172A64-72200-N	TUBE ASSY, BOOM	1							S
(A=M07001)											
25	2	172638-72200	PACKING	1							
28	2	172A64-72230	NUT, M24X1.5	1							
29	2	172149-72241	HEAD 6035 COMPL.	1							
29-1	2	172149-72242	HEAD ASSY, 60 35	1							N
(A=M0A761)											
31	3	24550-035300	BUSH, 35X30	1							
32	2	172448-72270	PLUNGER, CUSHION 41	1							
32-1	2	172A64-72240	PLUNGER, CUSHION 41	1							S 2
(A=M0A761)											
33	2	172449-72350	COLLAR, 41	1							
34	2	172A20-72430	PISTON 60,24-28	1							
35	2	172141-76180	CONNECTOR ASSY	2							
35-1	2	172141-76181	CONNECTOR ASSY, 02FF	2							N
(A=*2007.12.)											
35-2	2	172A64-76180	ELBOW,G1/4-1/4	2							N
(A=*2016.02.)											
36	3	24315-000110	O-RING, 1BP11.0	2							
36-1	3	41851-000110	O-RING	2							N
(A=*2016.02.)											
37	2	22137-100000	WASHER, 10	1							
38	2	24761-020000	NIPPLE, GREASE PT1/8	1							
39	2	24761-040000	NIPPLE, GREASE B	1							
40	2	26013-100202	BOLT, SPRING M10X 20	1							
41	2	933125-59600	WASHER 60 B, LOCK	1							
42	1	172A64-72250-1	GUIDE ASSY	1							

Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.5-1.
(2)L=No.32 : 2mm, No.32-1 : 5mm.
Interchangeable by simultaneous replacement with No.29-1.

Fig.43. BOOM CYLINDER

(A)=VIO17(KR)
(B)=
(C)=

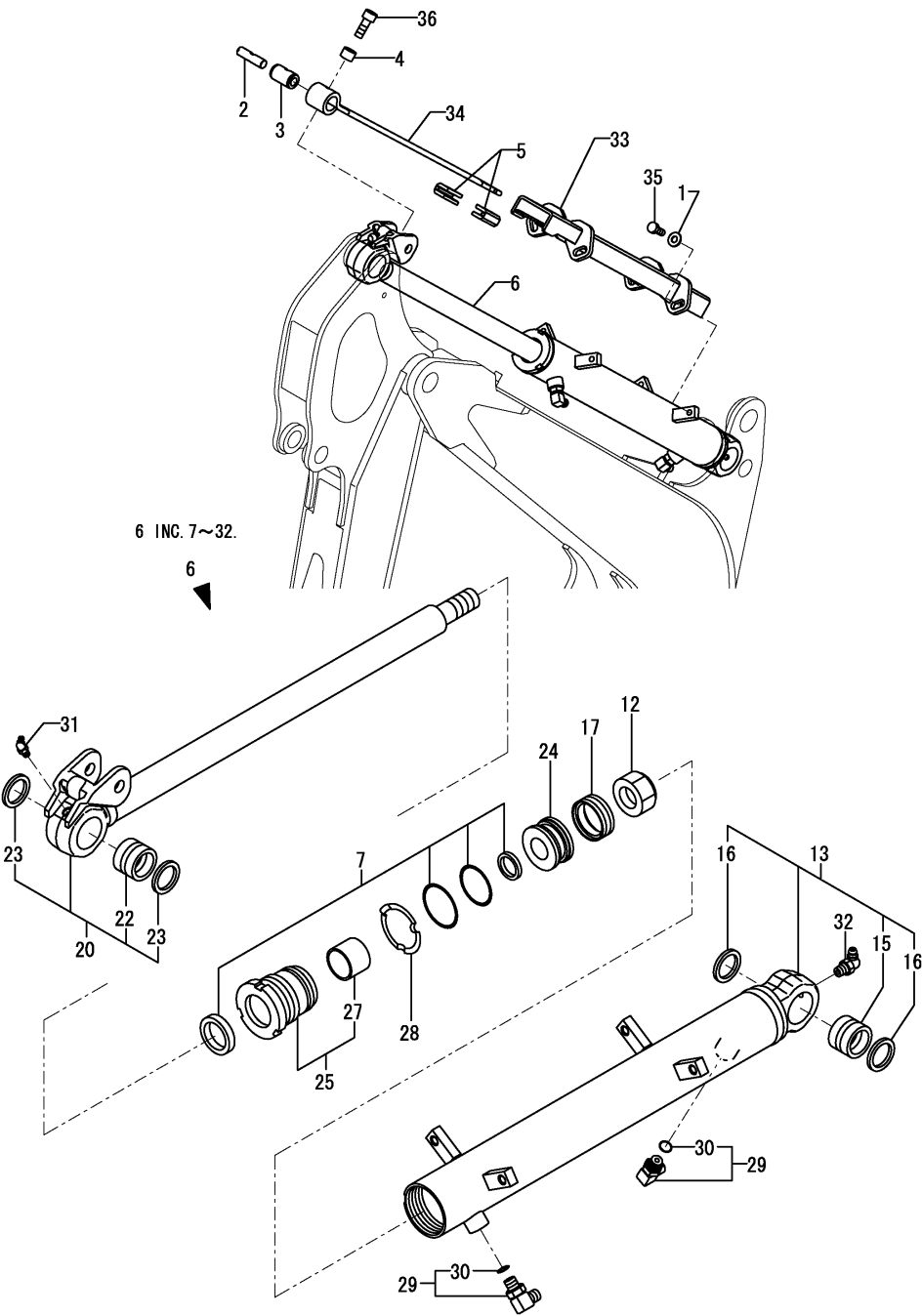
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42-1	1	172A64-72251	GUIDE ASSY, 545	1						F	1
(A=M/# 01769)											
42-2	1	172A64-72251-N	GUIDE ASSY, 545	1						S	
(A=M07001)											
43	1	172A23-72951-1	PLATE, SLIDE	1							
43-1	1	172A23-72951-N	PLATE,SLIDE 585	1						S	
(A=M07001)											
44	1	172A64-82620	PIN ASSY, 35X110	1							
45	1	172A64-82760	PIN ASSY,35X127	1							
46	1	172141-84601	SHIM	2							
50	1	22157-100000	WASHER, 10	2							
51	1	22217-100000	WASHER, SPRING 10	1						Z	
(A=M/# 01109)											
52	1	26013-100162	BOLT, SPRING M10X 16	4							
53	1	26013-100252	BOLT, SPRING M10X 25	2							
54	1	26076-100202	BOLT, 10.910X 20	2							
55	1	26116-100202	BOLT, M10X 20 PLATED	1							
55-1	1	26013-100202	BOLT, SPRING M10X 20	1						N	
(A=M/# 01109)											
56	1	26450-060162	BOLT, M6X 16	1							
56-1	1	172A47-72840	BOLT	1						N	
(A=M/# 01435)											
57	1	933147-03400	WASHER, BRAKE ARM	1							
58	1	933168-14170	SPRING	2							

Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.5-1.
(2)L=No.32 : 2mm, No.32-1 : 5mm.
Interchangeable by simultaneous replacement with No.29-1.

Fig.44. ARM CYLINDER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46042	SEAT, SPRING	4							
2	1	172A23-72043	SHAFT	1							
3	1	172A23-72052	GROMMET	1							
4	1	172A46-72070	SPACER	1							
5	1	172A23-72081	GUIDE, SLIDE	2							
6	1	172A64-72300-1	CYLINDER ASSY, ARM	1							
6-1	1	172A64-72300-N	CYLINDER ASSY, ARM	1							S
(A=M07001)											
7	2	172449-72020	SEAL SET, HEAD 55 35	1							
12	2	172141-72250	NUT	1							
13	2	172A64-72310-1	TUBE ASSY, ARM	1							
13-1	2	172A64-72310-N	TUBE ASSY, ARM	1							S
(A=M07001)											
15	3	172149-72440	BUSH A 30X30,PIN	1							
16	3	172448-81600	SEAL, DUST 30X40X4	2							
17	2	172449-72321	GASKET ASSY, RGU55	1							
20	2	172A64-72350	ROD ASSY, ARM	1							
22	3	172149-72440	BUSH A 30X30,PIN	1							
23	3	172448-81600	SEAL, DUST 30X40X4	2							
24	2	172A64-72390	PISTON,55X27X28	1							
25	2	172449-72410	HEAD CMP B,55-35	1							
27	3	24550-035300	BUSH, 35X30	1							
28	2	172173-72550	ROCK WASHER 55	1							
29	2	172141-76180	CONNECTOR ASSY	2							
29-1	2	172141-76181	CONNECTOR ASSY, 02FF	2							N
(A=*2007.12.)											
29-2	2	172A64-76180	ELBOW,G1/4-1/4	2							N
(A=*2016.02.)											
30	3	24315-000110	O-RING, 1BP11.0	2							
30-1	3	41851-000110	O-RING	2							N
(A=*2016.02.)											
31	2	24761-040000	NIPPLE, GREASE B	1							
32	2	24761-050000	NIPPLE, GREASE C	1							
33	1	172A64-72900-1	GUIDE ASSY	1							
33-1	1	172A64-72901-1	GUIDE ASSY, 500	1							R
(A=M03975)											
33-2	1	172A64-72901-N	GUIDE ASSY, 500	1							S
(A=M07001)											
34	1	172A64-72980-1	PLATE, SLIDE	1							
34-1	1	172A64-72980-N	PLATE,SLIDE 520	1							S
(A=M07001)											
35	1	26076-100202	BOLT, 10.910X 20	4							
36	1	26450-060162	BOLT, M6X 16	1							
36-1	1	172A47-72840	BOLT	1							N
(A=M/I# 01435)											

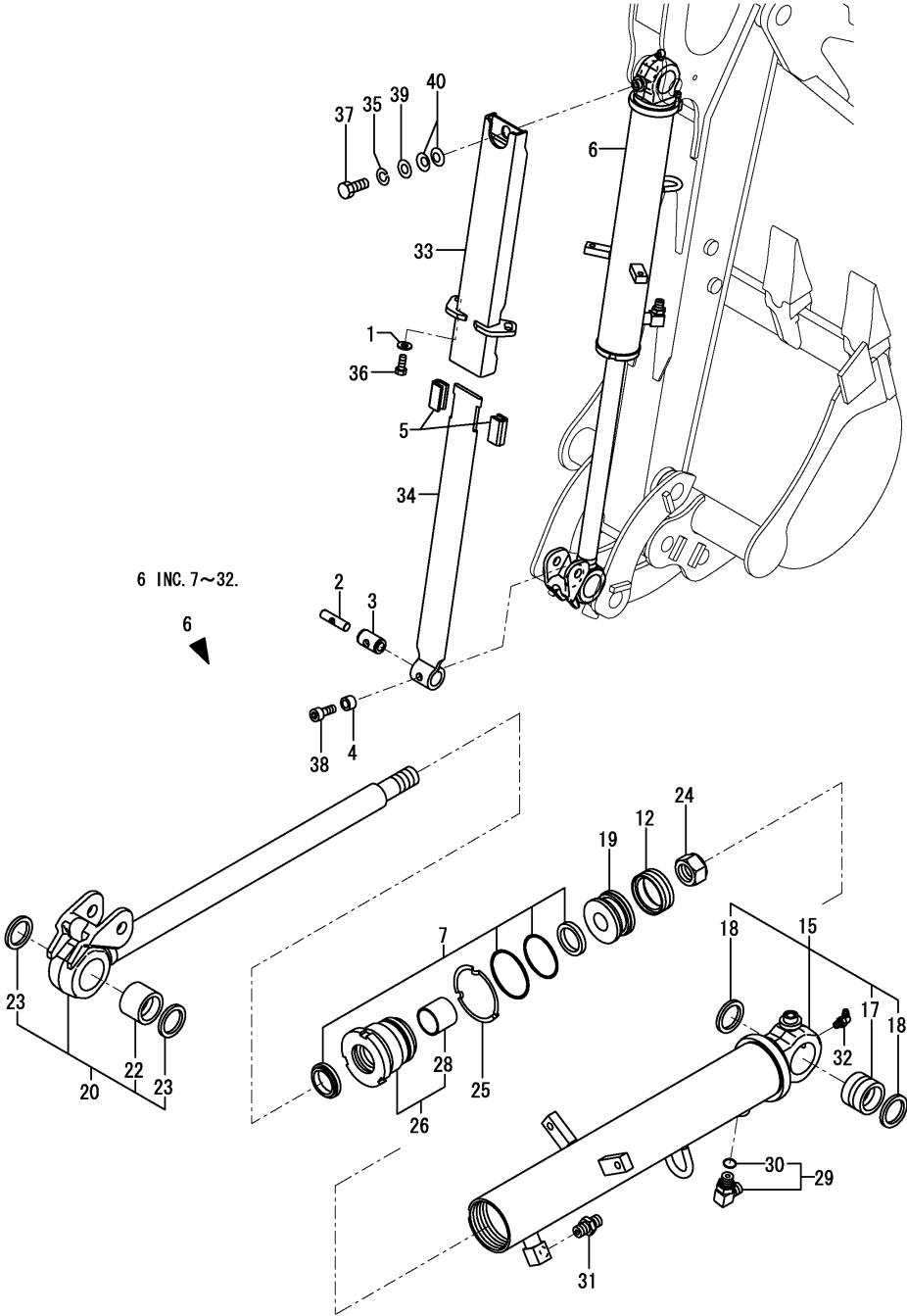
Fig.45. BUCKET CYLINDER

(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46042	SEAT, SPRING	2							
2	1	172A23-72043	SHAFT	1							
3	1	172A23-72052	GROMMET	1							
4	1	172A46-72070	SPACER	1							
5	1	172A23-72081	GUIDE, SLIDE	2							
6	1	172A64-72400-1	CYLINDER ASSY	1							
6-1	1	172A64-72400-N	CYLINDER ASSY	1							S
(A=M07001)											
7	2	172A64-72040	SEAL SET, HEAD 55 30	1							
12	2	172449-72321	GASKET ASSY, RGU55	1							
15	2	172A64-72410-1	TUBE ASSY, BUCKET	1							
15-1	2	172A64-72410-N	TUBE ASSY, BUCKET	1							S
(A=M07001)											
17	3	172149-72440	BUSH A 30X30,PIN	1							
18	3	172448-81600	SEAL, DUST 30X40X4	2							
19	2	172A64-72440	PISTON,55X22X28	1							
20	2	172A64-72450	ROD ASSY, BUCKET	1							
22	3	172149-72680	BUSH B 30X30,PIN	1							
23	3	172448-81600	SEAL, DUST 30X40X4	2							
24	2	172A64-72490	NUT, M22X1.5	1							
25	2	172173-72550	ROCK WASHER 55	1							
26	2	172449-72560	HEAD CMP 55 30	1							
28	3	24550-030300	BUSH, 30X30	1							
29	2	172141-76180	CONNECTOR ASSY	1							
29-1	2	172141-76181	CONNECTOR ASSY, 02FF	1							N
(A=*2007.12.)											
29-2	2	172A64-76180	ELBOW,G1/4-1/4	1							N
(A=*2016.02.)											
30	3	24315-000110	O-RING, 1BP11.0	1							
30-1	3	41851-000110	O-RING	1							N
(A=*2016.02.)											
31	2	23391-020000	JOINT, RGI-1/4	1							
32	2	24761-050000	NIPPLE, GREASE C	1							
33	1	172A64-72950-1	GUIDE ASSY	1							
33-1	1	172A64-72951-1	GUIDE ASSY, 445	1							R
(A=M04323)											
33-2	1	172A64-72951-N	GUIDE ASSY, 445	1							S
(A=M07001)											
34	1	172A64-72980-1	PLATE, SLIDE	1							
34-1	1	172A64-72980-N	PLATE,SLIDE 520	1							S
(A=M07001)											
35	1	22217-100000	WASHER, SPRING 10	1							Z
(A=M/# 01109)											
36	1	26076-100202	BOLT, 10.910X 20	2							
37	1	26116-100202	BOLT, M10X 20 PLATED	1							
37-1	1	26013-100202	BOLT, SPRING M10X 20	1							N
(A=M/# 01109)											
38	1	26450-060162	BOLT, M6X 16	1							
38-1	1	172A47-72840	BOLT	1							N
(A=M/# 01435)											
39	1	933147-03400	WASHER, BRAKE ARM	1							

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
Copyright (C) YANMAR GLOBAL CS CO., LTD. All RightsReserved.



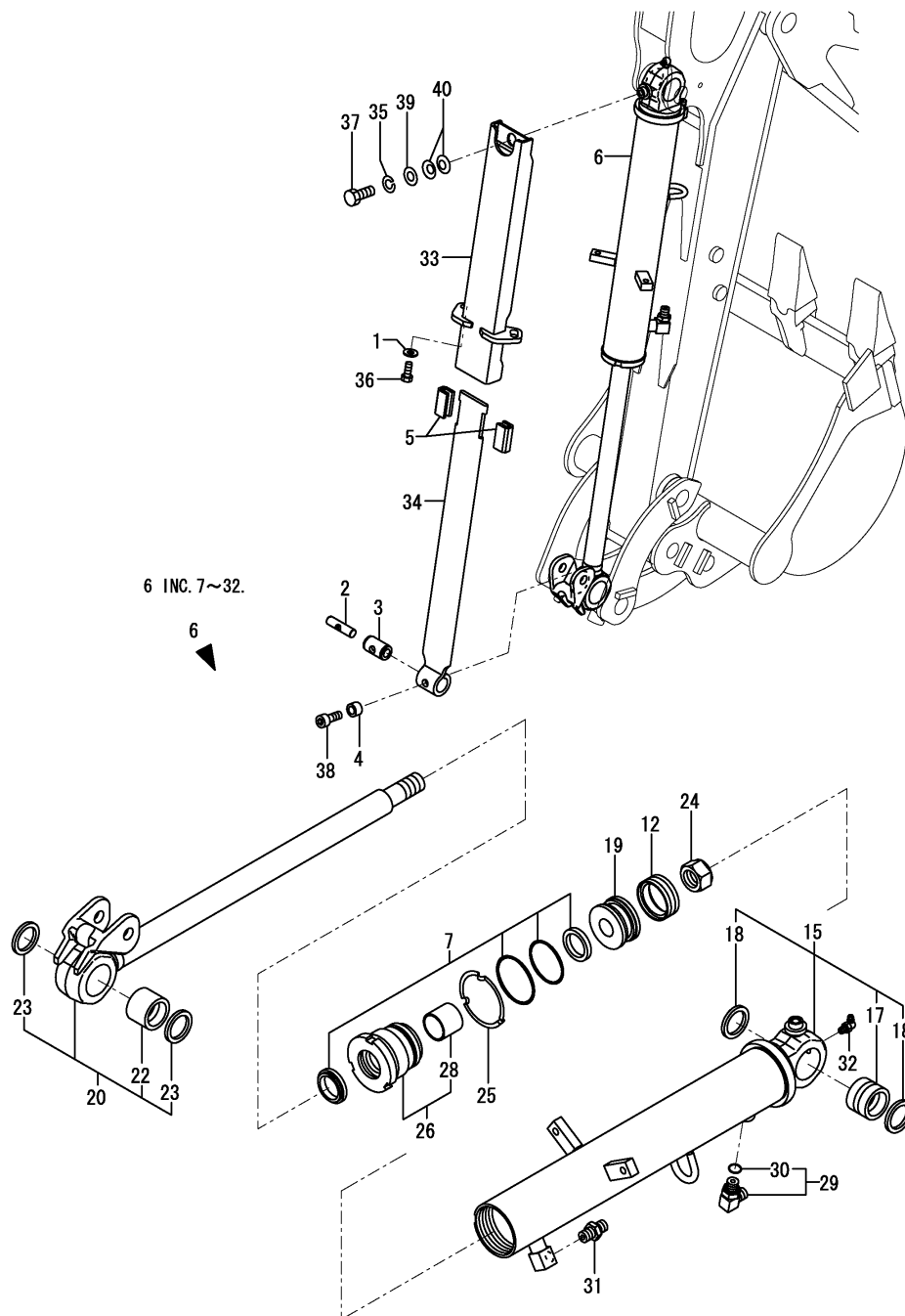
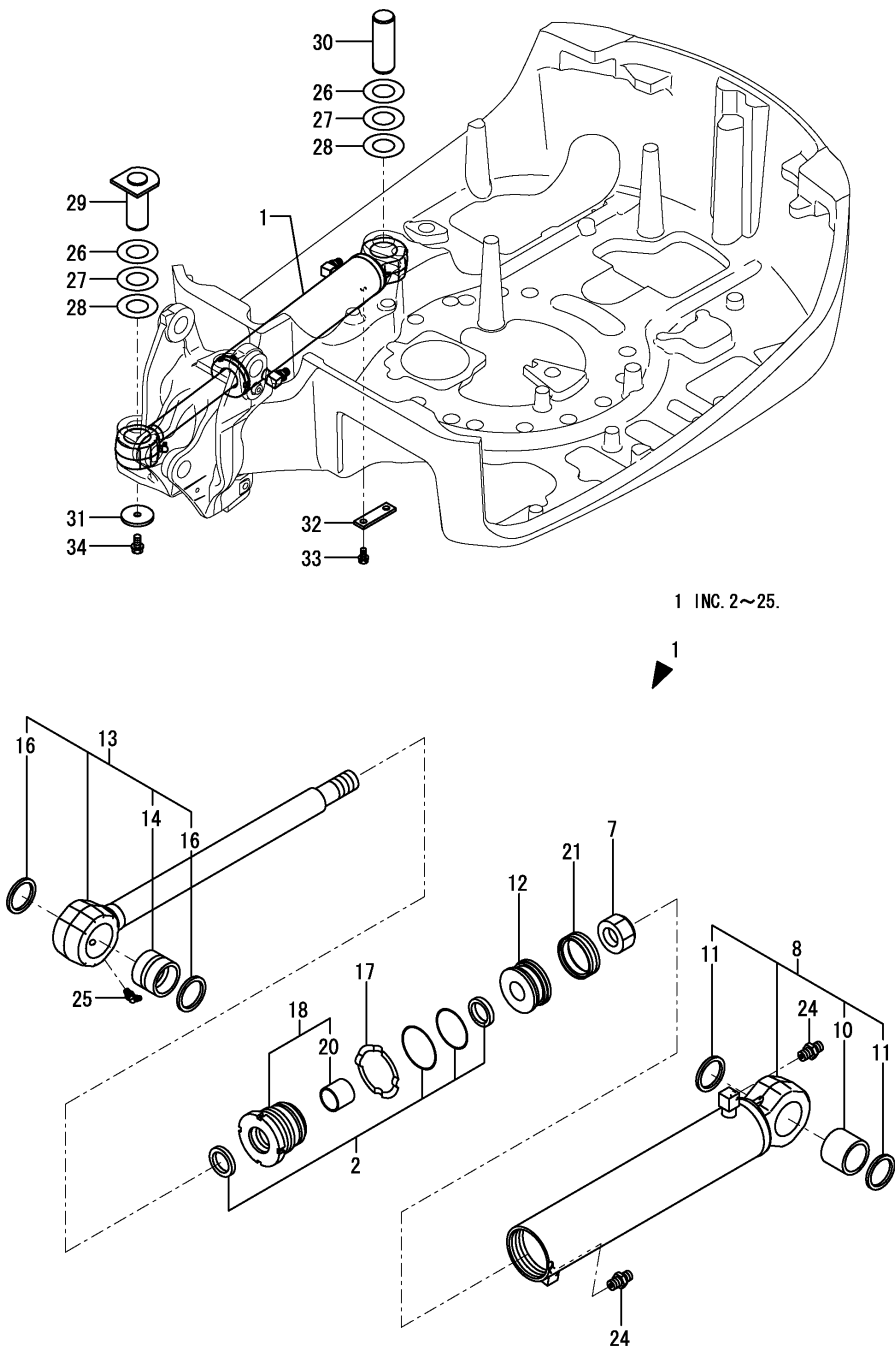
[illegible]

Fig.46. SWING CYLINDER

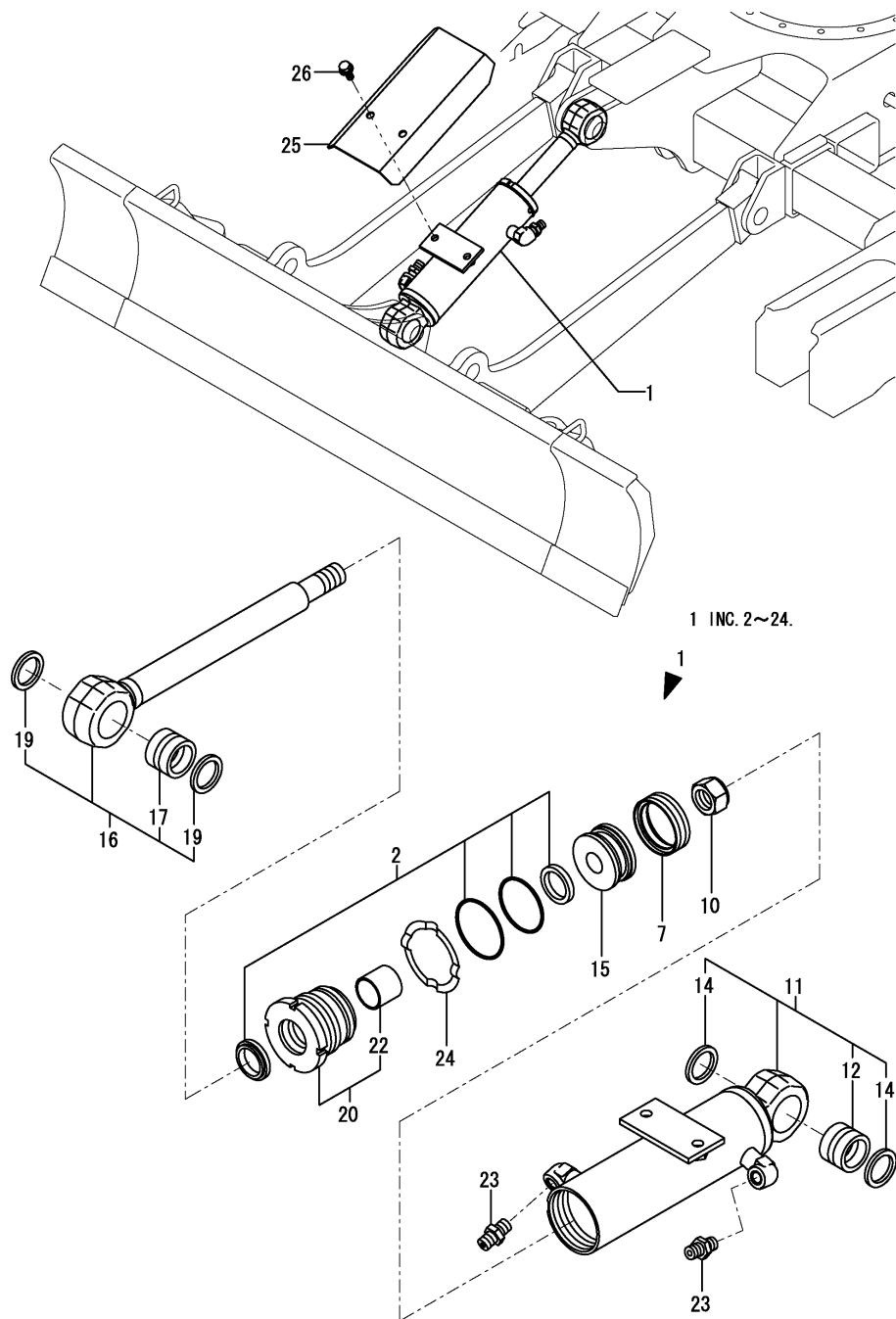


(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-72500	CYLINDER ASSY, SWING	1							
2	2	172449-72040	SEAL SET, HEAD 65 35	1							
7	2	172141-72250	NUT	1							
8	2	172A64-72510	TUBE ASSY, SWING	1							
10	3	172448-72650	SEAL, DUST	2							
11	3	172458-72740	BUSH	1							
12	2	172A64-72540	PISTON,65X27X31	1							
12-1	2	172A64-72541	PISTON,65 27-31	1							N
(A=*2014.07)											
13	2	172A64-72550	ROD ASSY, SWING	1							
14	3	172168-72410	BUSH	1							
16	3	172448-72650	SEAL, DUST	2							
17	2	172142-72560	WASHER, LOCK	1							
18	2	172449-72810	HEAD CMP 65-35	1							
20	3	24550-035300	BUSH, 35X30	1							
21	2	172449-72960	GASKET RGU 65	1							
21-1	2	172A64-70170	SEAL SET,RGU-65	1							N
(A=*2014.07)											
24	2	23391-020000	JOINT, RGI-1/4	2							
25	2	24761-050000	NIPPLE, GREASE C	1							
26	1	172165-82580	SHIM	2							
27	1	172165-82590	SHIM	2							
28	1	172165-82600	SHIM	2							
29	1	172A64-82650	PIN ASSY, 40X96	1							
30	1	172A64-82670	PIN, 40X120	1							
31	1	172146-82910	SPACER	1							
32	1	172117-83970-7	PLATE, LOCK	1							
33	1	26013-100202	BOLT, M10X 20	2							
34	1	26013-120252	BOLT, M12X 25	1							

Fig.47. BLADE CYLINDER



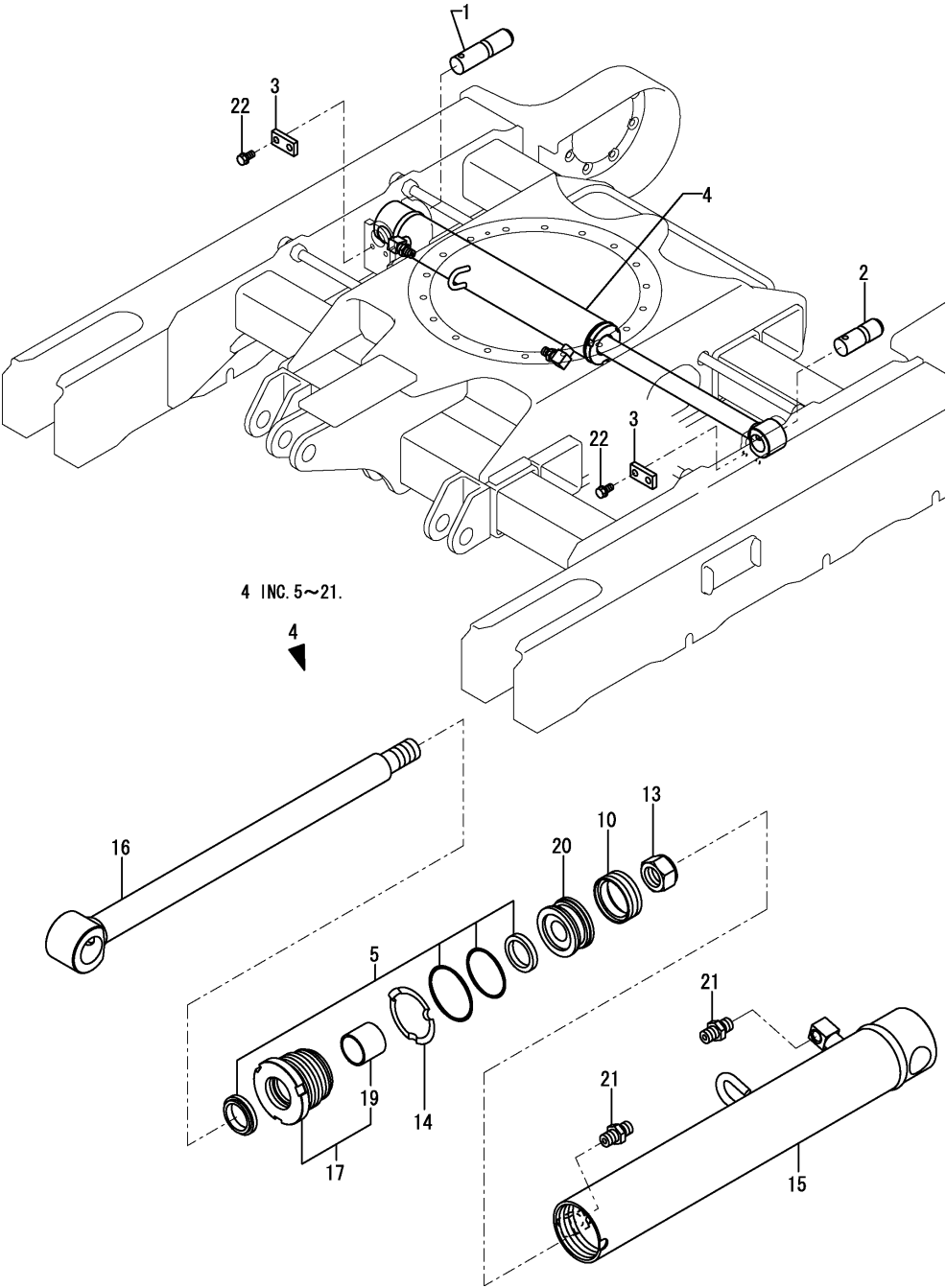
(D)=

$$(E)=$$

(F)=

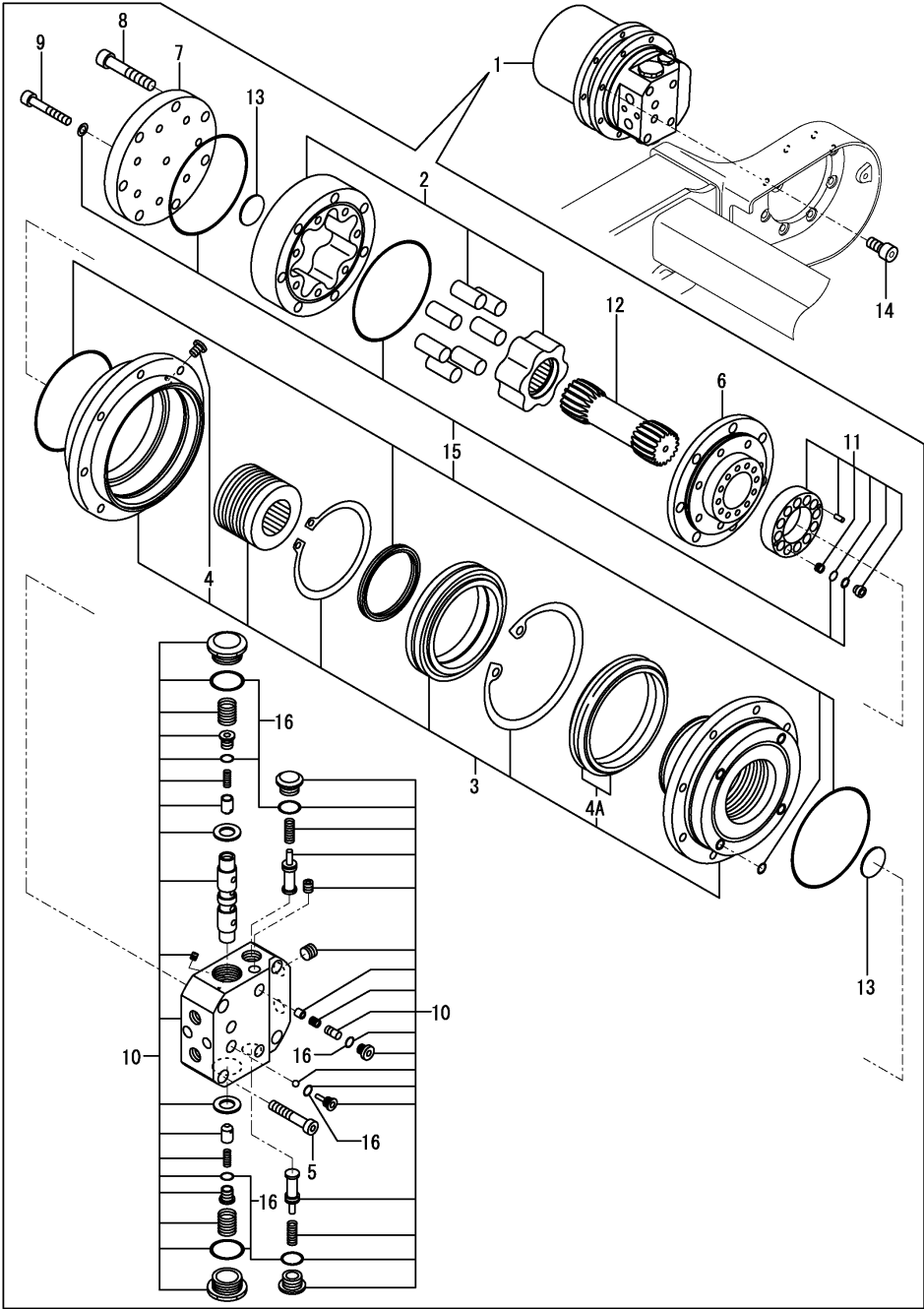
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-72601	CYLINDER ASSY, BLADE	1							
2	2	172A64-72020	SEAL SET, HEAD 60 30	1							
7	2	172638-72200	PACKING	1							
7-1	2	172638-72201	SEAL SET	1							N
		(A=M/# 01404)									
7-2	2	172A64-70140	SEAL SET,RGU-60	1							N
		(A=*2014.07)									
10	2	172A64-72490	NUT, M22X1.5	1							
11	2	172A64-72610	TUBE ASSY, BLADE	1							
12	3	172149-72440	BUSH A 30X30,PIN	1							
14	3	172448-81600	SEAL, DUST 30X40X4	2							
15	2	172A64-72640	PISTON,60X22X28	1							
15-1	2	172A64-72641	PISTON,60 22-28	1							N
		(A=*2014.07)									
16	2	172A64-72651	ROD ASSY, BLADE	1							
17	3	172149-72440	BUSH A 30X30,PIN	1							
19	3	172448-81600	SEAL, DUST 30X40X4	2							
20	2	172447-72860	HEAD 60 30	1							
22	3	24550-030300	BUSH, 30X30	1							
23	2	23391-020000	JOINT, RGI-1/4	2							
24	2	933125-59600	WASHER 60 B, LOCK	1							
25	1	172A64-72690	PROTECTOR	1							
26	1	26014-100252	BOLT, M10X 25	2							

Fig.48. VARIABLE LEG WIDEN/SHORTEN CYLINDER



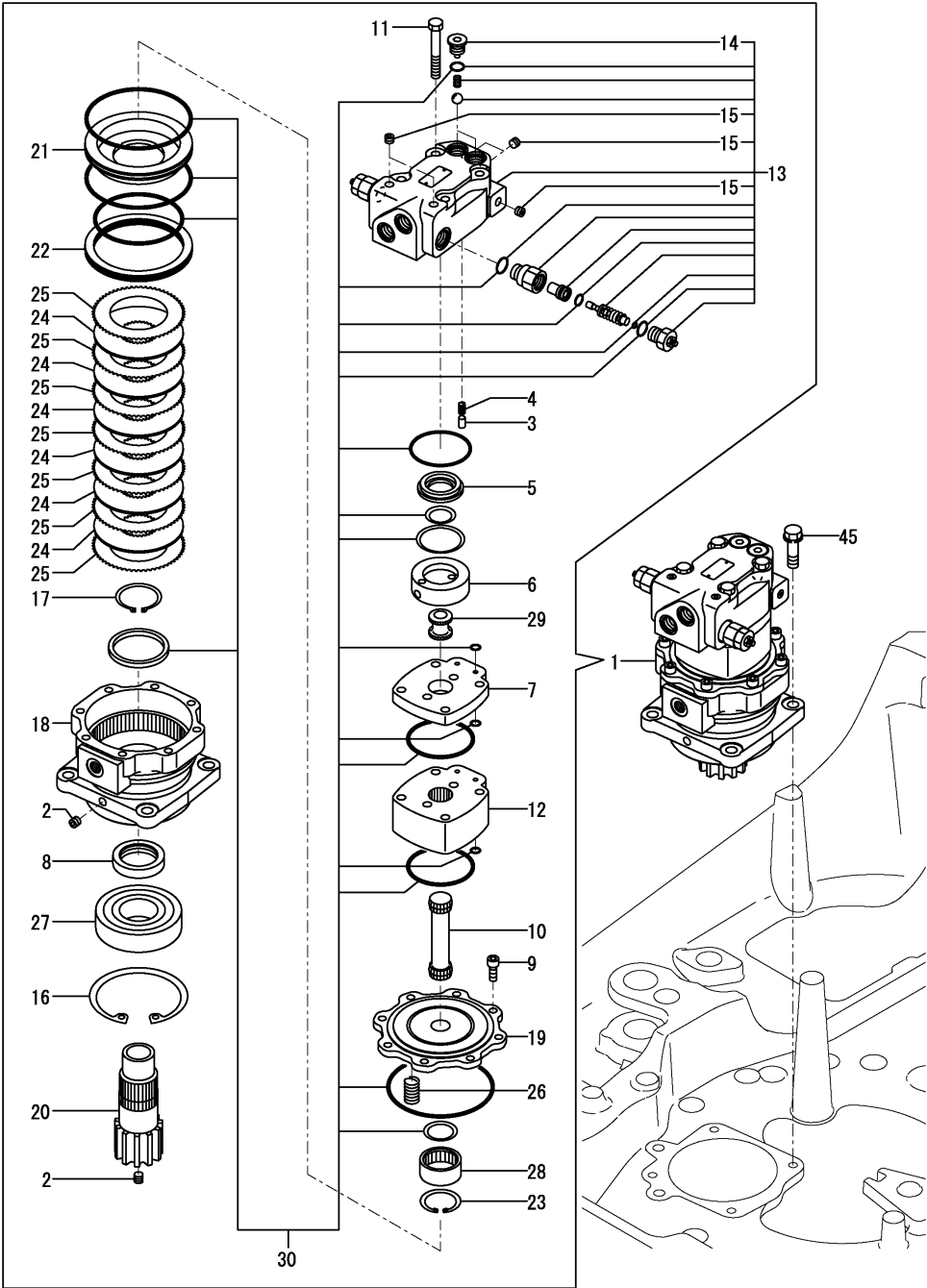
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-50720	PIN 30X95	1							
2	1	172A64-50730	PIN 30X65	1							
3	1	172A64-50770	PLATE, LOCK	2							
4	1	172A64-72700	CYLINDER ASSY	1							
5	2	172A64-72040	SEAL SET, HEAD 55 30	1							
10	2	172449-72321	GASKET ASSY, RGU55	1							
10-1	2	172A64-70110	SEAL SET,RGU-55	1							N
(A=*2014.07)											
13	2	172A64-72490	NUT, M22X1.5	1							
14	2	172173-72550	ROCK WASHER 55	1							
15	2	172A64-72710	TUBE ASSY, VARIABLE	1							
16	2	172A64-72750	ROD ASSY, VARIABLE	1							
17	2	172A64-72810	HEAD ASSY, 55 30	1							
19	3	24550-030300	BUSH, 30X30	1							
20	2	172A64-72860	PISTON,55	1							
20-1	2	172A64-72861	PISTON,55 22-26	1							N
(A=*2014.07)											
21	2	23391-020000	JOINT, RGI-1/4	2							
22	1	26013-100252	BOLT, M10X 25	4							

Fig.49. TRAVEL MOTOR



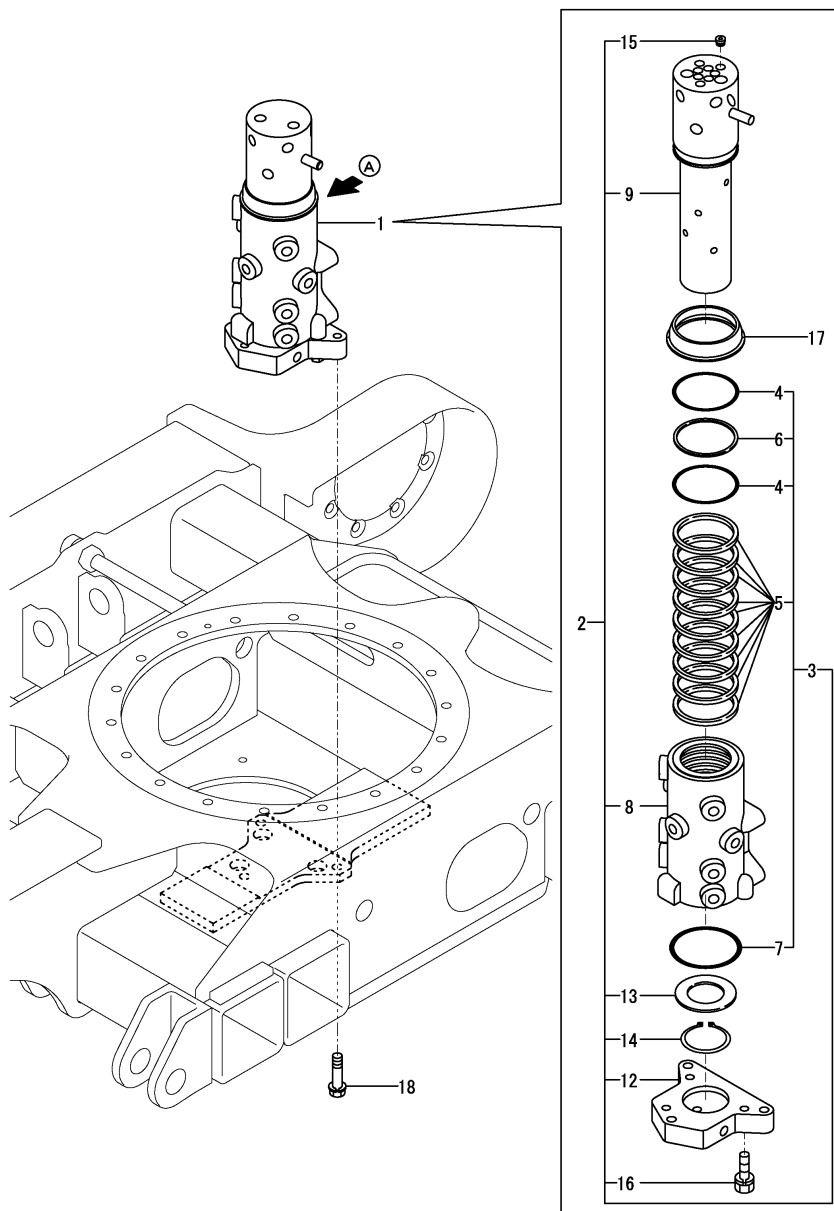
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73300	MOTOR ASSY, TRAVEL	2							
2	2	172A64-73350	GEROLLER ASSY	2							
3	2	172A64-73360	SPINDLE ASSY,W/WHEEL	2							
4	3	172A64-73440	PLUG	2							
4A	3	172A64-73370	SEAL, FLOATING	2							
5	2	172168-73370	BOLT	8							
6	2	172A64-73380	PLATE, VALVE	2							
7	2	172A64-73390	COVER, GEROLLER	2							
8	2	172A64-73400	BOLT, 10X80	14							
9	2	172A64-73410	BOLT, 8X73	14							
10	2	172A64-73420	COVER ASSY, END	2							
11	2	172A64-73430	VALVE ASSY	2							
12	2	172A64-73450	DRIVE	2							
13	2	172A64-73460	SPACER	4							
14	1	26450-100252	BOLT, M10X 25	16							
15	1	172A64-73510	SEAL SET, MOTOR	2							
16	1	172A64-73520	SEAL SET, END COVER	2							

Fig.50. TURNIG MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73310	MOTOR ASSY, REVOLVE	1							
2	2	172137-70490	PLUG	2							
3	2	172137-70570	PIN	2							
4	2	172137-70580	SPRING	2							
5	2	172137-70590	PLATE	1							
6	2	172137-70600	VALVE	1							
7	2	172148-73350	PLATE, VALVE	1							
8	2	172173-73520	COLLAR	1							
9	2	172A64-73600	BOLT,8X20	8							
10	2	172A64-73610	DRIVE	1							
11	2	172A64-73620	BOLT	4							
12	2	172A64-73630	GEROLLER	1							
13	2	172A64-73640	HOUSING ASSY, VALVE	1							
14	3	172168-73590	PLUG	2							
15	3	23871-010000	PLUG, R01	3							
16	2	172173-73690	SNAP RING	1							
17	2	172173-73700	CIRCLIP	1							
18	2	172456-77150	HOUSING, BEARING	1							
19	2	172456-77160	FLANGE, MOUTING	1							
20	2	172456-77170	GEAR, PINION	1							
21	2	172456-77180	PISTON, HYDRAULIC	1							
22	2	172456-77190	RING	1							
23	2	172456-77200	CIRCLIP	1							
24	2	172456-77210	PLATE,FRICION	6							
25	2	172456-77220	PLATE	7							
26	2	172456-77230	SPRING	8							
27	2	172456-77240	FRONT BEARING	1							
28	2	172456-77250	NEEDLE BEARING	1							
29	2	172141-77260	DRIVE, VALVE	1							
30	2	172A64-73660	SEAL SET	1							
45	1	26013-120402	BOLT, M12X 40	4							

Fig.51. SWIVEL JOINT(Y SPEC.)(TO M08211)



				(A)=VIO17(KR)							(D)=	
				(B)=							(E)=	
				(C)=							(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172448-73840	SWIVEL ASSY	1							Z	1
		(A=M08212)										
2	2	172448-73851	SWIVEL ASSY	1								
3	3	172446-73900	SEAL SET, SWIVEL	1								
4	4	172142-73800	O-RING, 55.76X5.7	2								
5	4	172447-73840	SEAL	9								
6	4	172148-73870	RING, BUCK UP	1								
7	4	24321-000700	O-RING, 1AG70.0	1								
8	3	172448-73860	HUB,SWIVEL	1								
9	3	172446-73872	SHAFT, SWIVEL	1								
12	3	172446-73890	FLANGE,SWIVEL	1								
13	3	172157-73910	SPACER, SWIVEL	1								
14	3	22242-000401	RING, 40	1								
15	3	23871-010000	PLUG, R01	8								
16	3	26013-080352	BOLT, SPRING M8X 35	3								
17	2	172448-73900	COVER, DUCT	1								
18	1	26013-100302	BOLT, SPRING M10X 30	3								

(1)A : no label.
Compatible by assembly exchange with parts of Fig.93(51A) No.1.
The inner parts are not compatible.

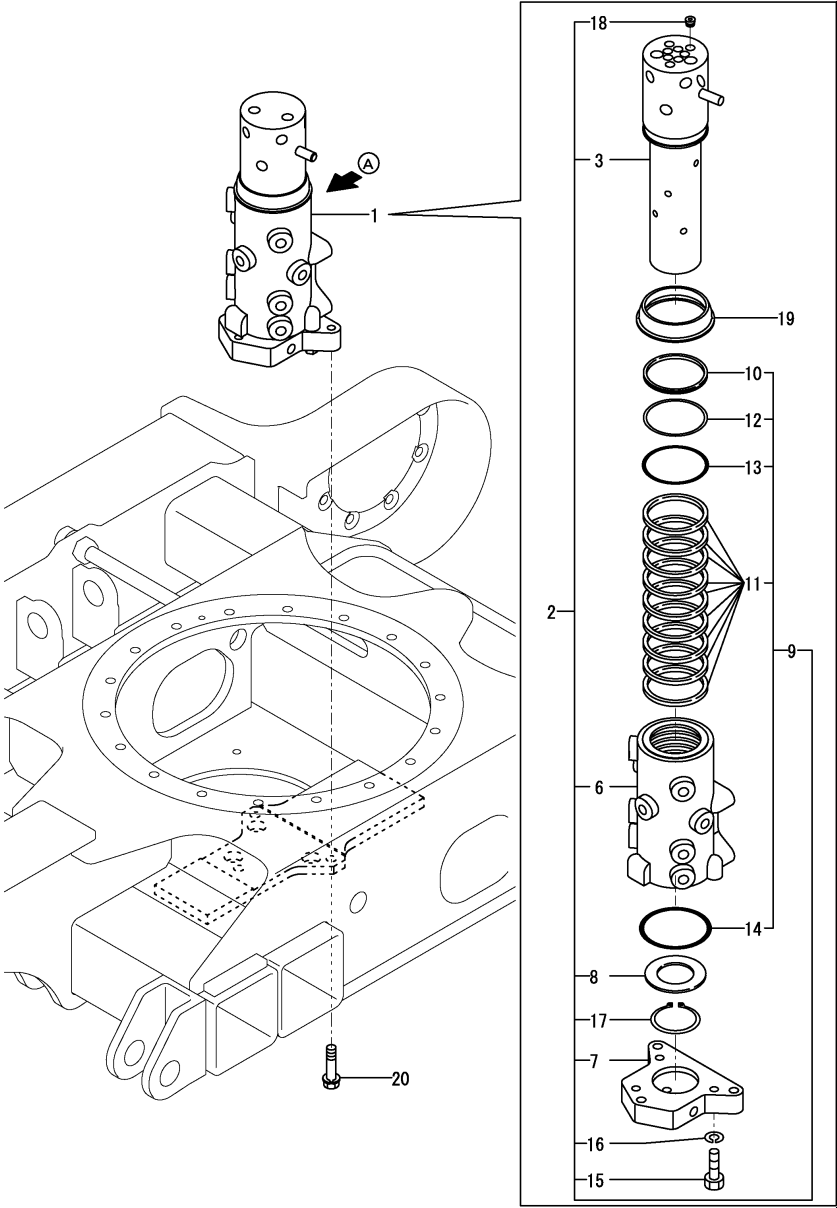
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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

Fig.93. (51A)SWIVEL JOINT(N SPEC.)(FROM M08212)

(A)=VIO17(KR)
(B)=
(C)=

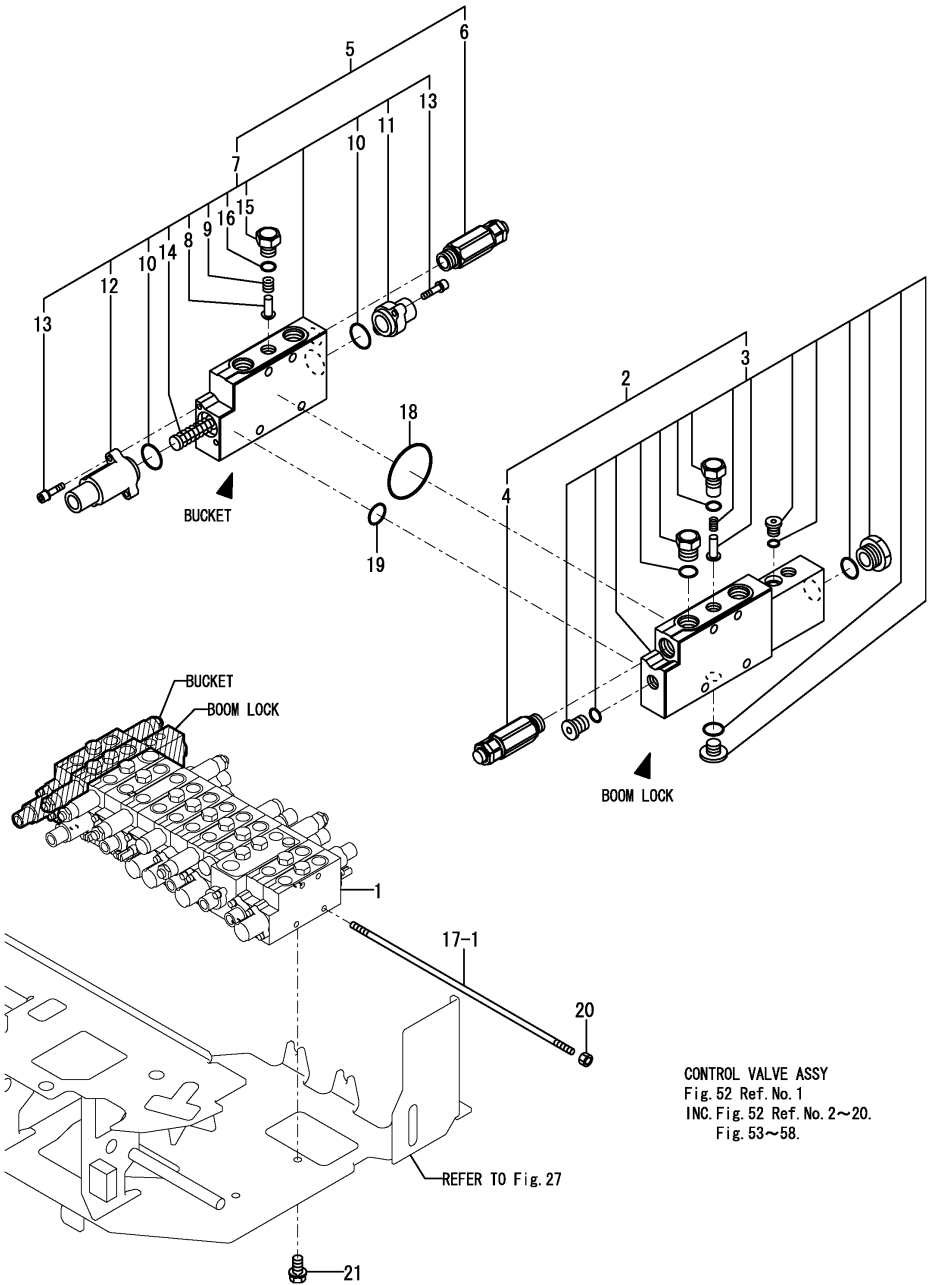
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73790	JOINT ASSY,SWIVEL S	1						W	1
(A=M08212)											
2	2	172A64-73800	JOINT ASSY,SWIVEL S	1							
3	3	172A64-73810	SHAFT ASSY,SWIVEL SL	1							
6	3	172A64-73840	HUB,SWIVEL S	1							
7	3	172A64-73850	FLANGE,SWIVEL SL	1							
8	3	172B02-73860	SPACER, SWIVEL	1							
9	3	172A64-73880	SEAL KIT,SL	1							
9-1	3	172A64-73860	SEAL KIT, SWIVEL	1						N	
(A=*2014.04.)											
10	4	172A64-73870	RING,V	1							
11	4	172B02-73870	SEAL, SWIVEL	9							
11-1	4	172B02-73890	SEAL, SWIVEL	9						N	
(A=*2014.04.)											
12	4	172B02-73880	RING, BACKUP T3 55	1							
13	4	24315-000560	O-RING, 1BP56.0	1							
14	4	24325-000700	O-RING, 1BG70.0	1							
15	3	172A64-73890	BOLT,10.9 8X 40	3							
16	3	22217-080000	WASHER, SPRING 8	3							
17	3	22242-000451	RING, 45	1							
18	3	23871-010000	PLUG, R01	8							
19	2	172448-73900	COVER, DUCT	1							
20	1	26013-100302	BOLT, SPRING M10X 30	3							

Remarks
(1)A:NACHI LABEL
Compatible by assembly exchange from parts of Fig.51 No.1.
The inner parts are not compatible.

Fig.52. CONTROL VALVE(STANDARD : 1/7)(UP TO M04770)

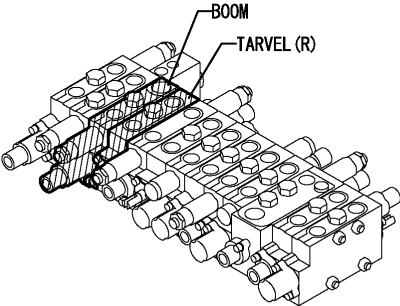
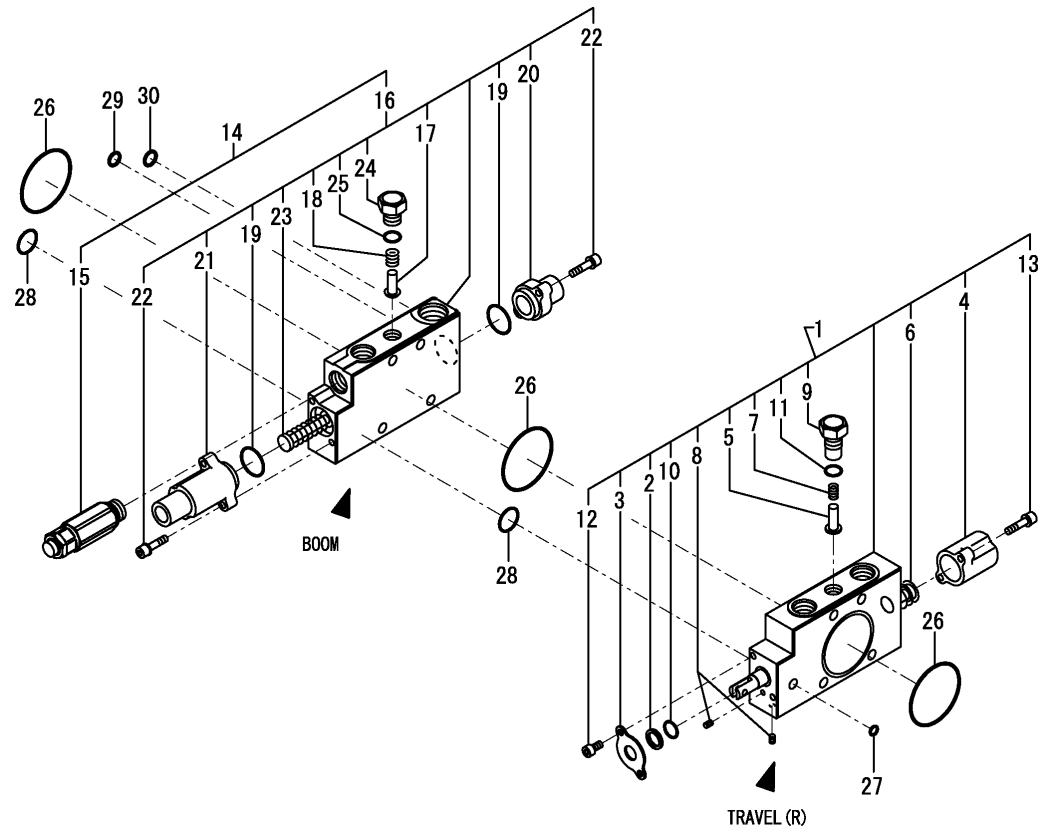


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-74100	VALVE ASSY, CONTROL	1							1
2	2	172A64-74430	BOOM LOCK PART	1							
3	3	172A64-74440	BOOM LOCK SEC ASSY	1							
4	3	172456-74440	VALVE, RELIEF	1							
5	2	172A64-74450	SECTION, BUCKET	1							
6	3	172456-74280	VALVE ASSY, RELIEF 2	1							
7	3	172A64-74460	SECTION ASSY, BUCKET	1							
8	4	172458-74150	VALVE, REVERSE	1							
9	4	172458-74160	SPRING, VALVE	1							
10	4	172458-74230	O-RING	2							
11	4	172458-74240	COVER, PILOT	1							
12	4	172458-74250	COVER, PILOT	1							
13	4	172458-74260	SWP HEX.BOLT 5X20	4							
14	4	172A64-74470	SPOOL ASSY, BUCKET	1							
15	4	172458-74630	STAY, VALVE	1							
16	4	24315-000110	O-RING, 1BP11.0	1							
17-1	2	172A47-75450	BOLT L=412	4							
18	2	172458-74720	O-RING	1							
19	2	24311-000180	O-RING, 1AP18.0	1							
20	2	26716-080002	NUT, M8	4							
21	1	26013-100162	BOLT, M10X 16	3							

CONTROL VALVE ASSY
Fig. 52 Ref. No. 1
INC. Fig. 52 Ref. No. 2~20.
Fig. 53~58.

Remarks
(1)A painting color is black.

Fig.53. CONTROL VALVE(STANDARD : 2/7)(UP TO M04770)



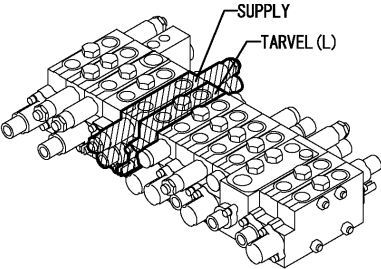
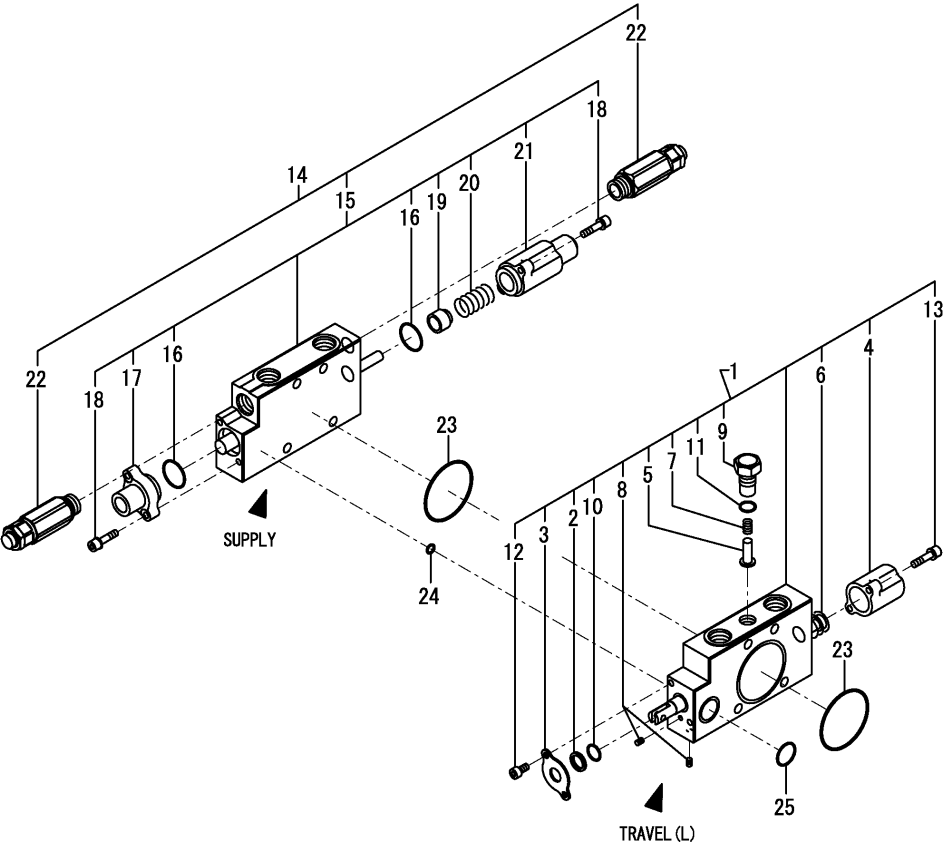
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74390	SECTION ASSY, TRAVEL	1							
2	3	172458-74130	DUST WIPER	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172A64-74360	SPOOL ASSY, TRAVEL	1							
7	3	172458-74360	SPRING, VALVE	1							
8	3	172458-74460	PLUG GPM1/32	2							
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	172A64-74400	SECTION, BOOM	1							
15	3	172462-74340	VALVE ASSY,OVER LOAD	1							
16	3	172A64-74410	SECTION ASSY, BOOM	1							
17	4	172458-74150	VALVE, REVERSE	1							
18	4	172458-74160	SPRING, VALVE	1							
19	4	172458-74230	O-RING	2							
20	4	172458-74240	COVER, PILOT	1							
21	4	172458-74250	COVER, PILOT	1							
22	4	172458-74260	SWP HEX.BOLT 5X20	4							
23	4	172A64-74420	SPOOL ASSY, BOOM	1							
24	4	172458-74630	STAY, VALVE	1							
25	4	24315-000110	O-RING, 1BP11.0	1							
26	2	172458-74720	O-RING	3							
27	2	24311-000060	O-RING, 1AP6.0	1							
28	2	24311-000180	O-RING, 1AP18.0	2							
29	2	24315-000090	O-RING, 1BP9.0	1							
30	2	24315-000100	O-RING, 1BP10.0	1							

CONTROL VALVE ASSY is shown in Fig.52.

Fig.54. CONTROL VALVE(STANDARD : 3/7)(UP TO M04770)



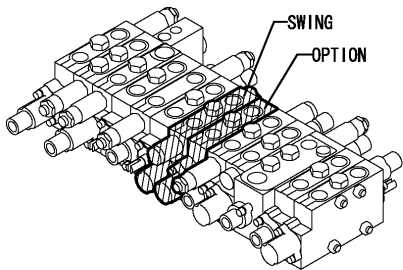
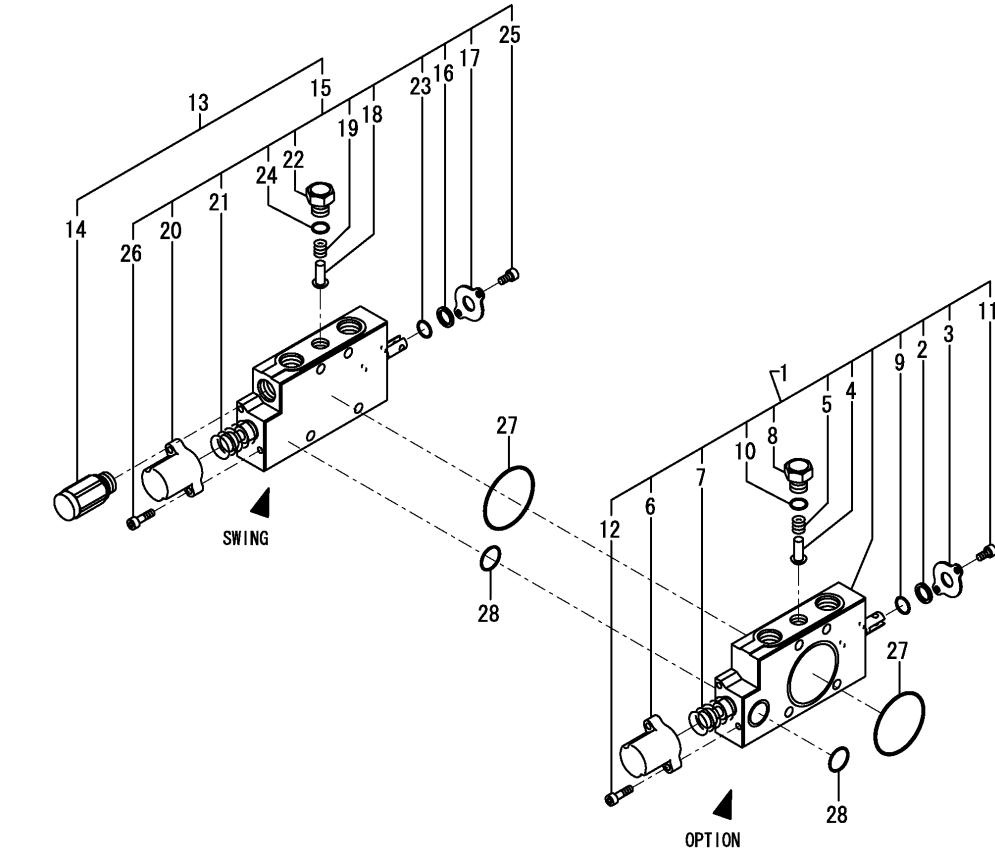
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74350	SECTION ASSY, TRAVEL	1							
2	3	172458-74130	DUST WIPER	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172A64-74360	SPOOL ASSY, TRAVEL	1							
7	3	172458-74360	SPRING, VALVE	1							
8	3	172458-74460	PLUG GPM1/32	2							
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	172A64-74370	VALVE, CNTROL INLLET	1							
15	3	172A64-74380	SECTION ASSY, SUPPLY	1							
16	4	172458-74230	O-RING	2							
17	4	172458-74240	COVER, PILOT	1							
18	4	172458-74260	SWP HEX.BOLT 5X20	4							
19	4	172458-74530	SEAT, SPRING	1							
20	4	172458-74540	SPRING, RETURN	1							
21	4	172458-74550	COVER, PILOT	1							
22	3	172A64-74480	VALVE, RELIEF 210	2							
23	2	172458-74720	O-RING	2							
24	2	24311-000060	O-RING, 1AP6.0	1							
25	2	24311-000180	O-RING, 1AP18.0	1							

CONTROL VALVE ASSY is shown in Fig. 52.

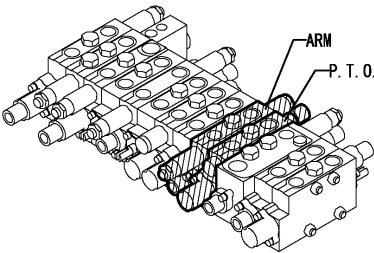
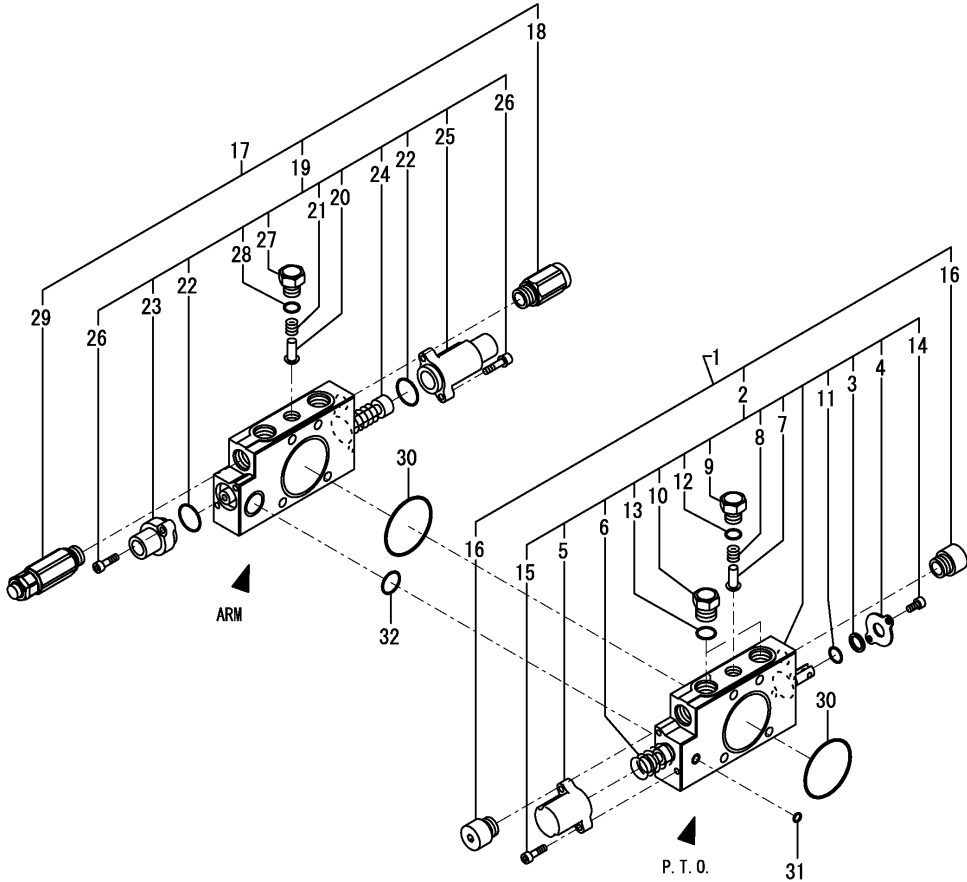
Fig.55. CONTROL VALVE(STANDARD : 4/7)(UP TO M04770)



CONTROL VALVE ASSY is shown in Fig. 52.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74260	SECTION ASSY, OPTION	1							
2	3	172458-74130	DUST WIPER	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74150	VALVE, REVERSE	1							
5	3	172458-74160	SPRING, VALVE	1							
6	3	172458-74170	CAP, SPRING	1							
7	3	172A64-74270	SPOOL ASSY, OPTION	1							
8	3	172458-74630	STAY, VALVE	1							
9	3	24311-000120	O-RING, 1AP12.0	1							
10	3	24315-000110	O-RING, 1BP11.0	2							
11	3	26450-050102	BOLT, M5X 10	2							
12	3	26450-050182	BOLT, M5X 18	2							
13	2	172A64-74280	SECTION, SWING	1							
14	3	172447-74230	ANTI-CAVITATION	1							
15	3	172A64-74290	SECTION ASSY, SWING	1							
16	4	172458-74130	DUST WIPER	1							
17	4	172458-74140	RETAINER, SEAL	1							
18	4	172458-74150	VALVE, REVERSE	1							
19	4	172458-74160	SPRING, VALVE	1							
20	4	172458-74170	CAP, SPRING	1							
21	4	172A64-74300	SPOOL ASSY, SWING	1							
22	4	172458-74630	STAY, VALVE	1							
23	4	24311-000120	O-RING, 1AP12.0	1							
24	4	24315-000110	O-RING, 1BP11.0	1							
25	4	26450-050102	BOLT, M5X 10	2							
26	4	26450-050182	BOLT, M5X 18	2							
27	2	172458-74720	O-RING	2							
28	2	24311-000180	O-RING, 1AP18.0	2							

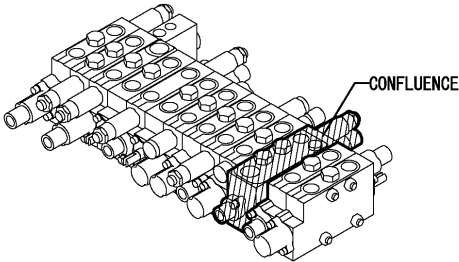
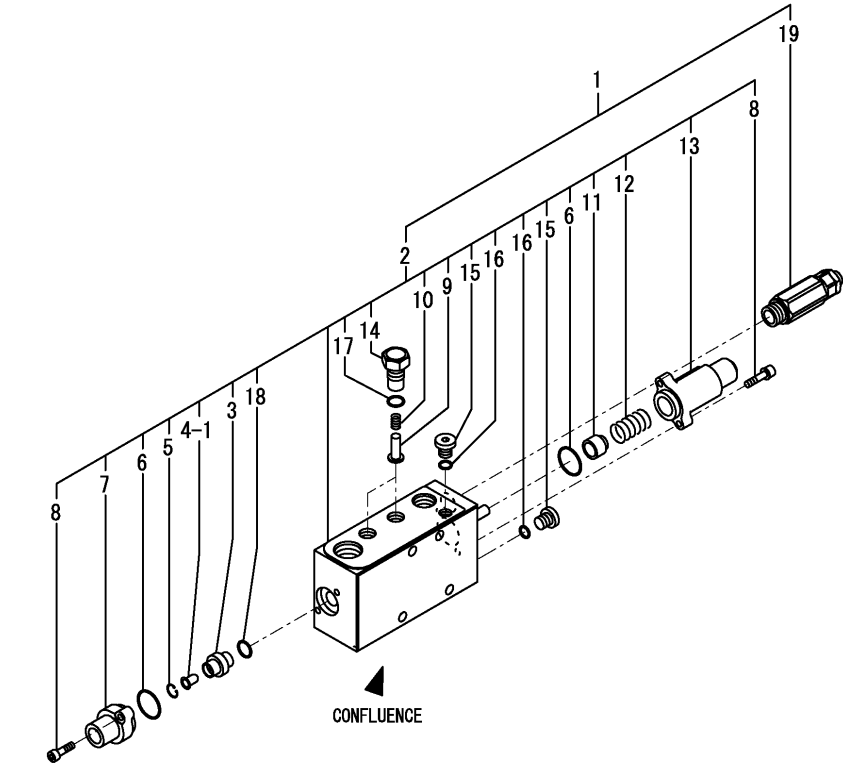
Fig.56. CONTROL VALVE(STANDARD : 5/7)(UP TO M04770)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74200	SECTION, PTO	1							
2	3	172A64-74210	SECTION ASSY, PTO	1							
3	4	172458-74130	DUST WIPER	1							
4	4	172458-74140	RETAINER, SEAL	1							
5	4	172458-74170	CAP, SPRING	1							
6	4	172A64-74220	SPOOL ASSY, PTO	1							
7	4	172490-74310	VALVE, REVERSE	1							
8	4	172490-74320	SPRING, VALVE	1							
9	4	172490-74330	STAY, VALVE	1							
10	4	172458-74650	STAY, VALVE	2							
11	4	24311-000120	O-RING, 1AP12.0	1							
12	4	24315-000110	O-RING, 1BP11.0	1							
13	4	24315-000140	O-RING, 1BP14.0	2							
14	4	26450-050102	BOLT, M5X 10	2							
15	4	26450-050182	BOLT, M5X 18	2							
16	3	172456-74290	RELIEF VALVE PLUG	2							
17	2	172A64-74230	SECTION, ARM	1							
18	3	172447-74230	ANTI-CAVITATION	1							
19	3	172A64-74240	SECTION ASSY, ARM	1							
20	4	172458-74150	VALVE, REVERSE	1							
21	4	172458-74160	SPRING, VALVE	1							
22	4	172458-74230	O-RING	2							
23	4	172458-74240	COVER, PILOT	1							
24	4	172A64-74250	SPOOL ASSY, ARM	1							
25	4	172458-74250	COVER, PILOT	1							
26	4	172458-74260	SWP HEX.BOLT 5X20	4							
27	4	172458-74630	STAY, VALVE	1							
28	4	24315-000110	O-RING, 1BP11.0	1							
29	3	172462-74340	VALVE ASSY,OVER LOAD	1							
30	2	172458-74720	O-RING	2							
31	2	24311-000060	O-RING, 1AP6.0	1							
32	2	24311-000180	O-RING, 1AP18.0	1							

CONTROL VALVE ASSY is shown in Fig. 52.

Fig.57. CONTROL VALVE(STANDARD : 6/7)(UP TO M04770)



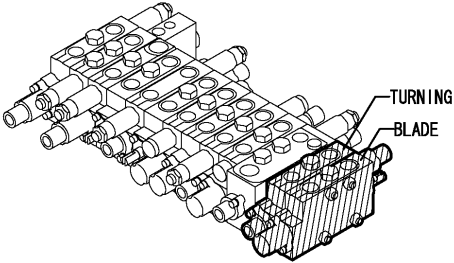
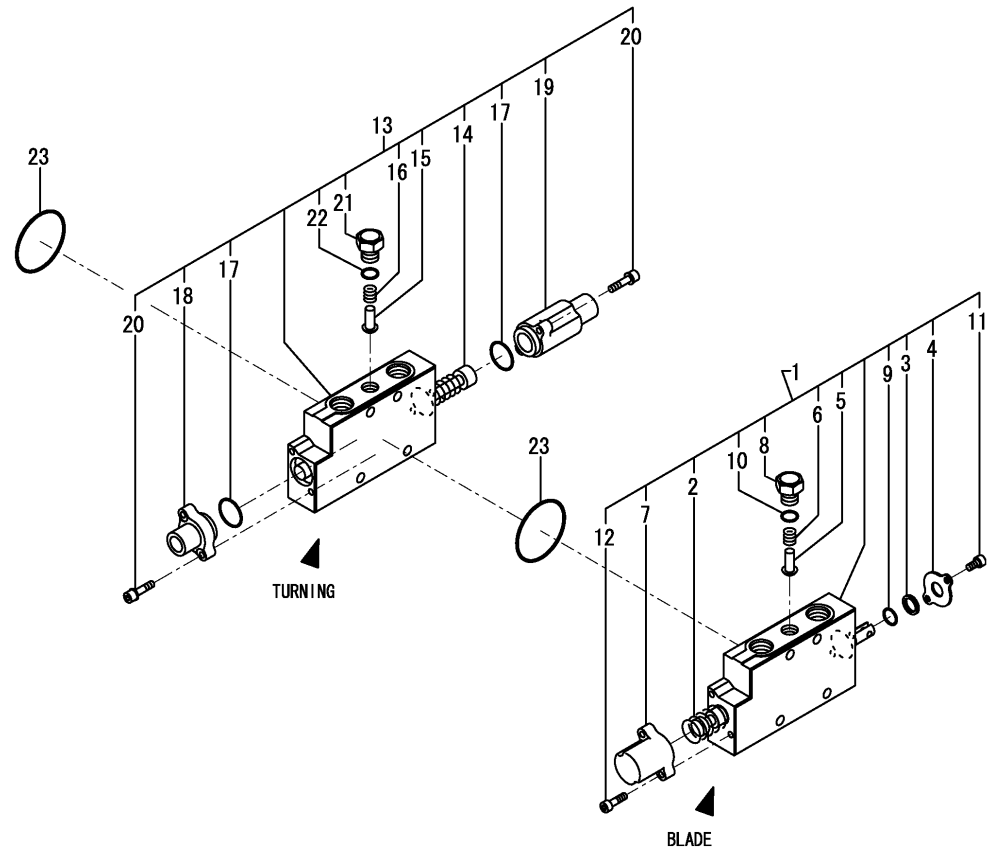
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74150	SECTION ASSY	1							
2	3	172A64-74160	SECTION ASSY	1							
3	4	172A64-74170	CASE, FILTER	1							
4-1	4	172A47-74360	FILTER	1							
5	4	172A64-74190	CIRCLIP, 8	1							
6	4	172458-74230	O-RING	2							
7	4	172458-74240	COVER, PILOT	1							
8	4	172458-74260	SWP HEX.BOLT 5X20	4							
9	4	172458-74290	VALVE, REVERSE	2							
10	4	172458-74360	SPRING, VALVE	2							
11	4	172458-74530	SEAT, SPRING	1							
12	4	172458-74540	SPRING, RETURN	1							
13	4	172458-74550	COVER, PILOT	1							
14	4	172458-74640	STAY, VALVE	2							
15	4	172458-74670	PLUG, PF1/8	2							
16	4	24315-000080	O-RING, 1BP8.0	2							
17	4	24315-000110	O-RING, 1BP11.0	2							
18	4	24315-240100	O-RING, 1BP10A	1							
19	3	172A64-74490	VALVE, RELIEF 170	1							

CONTROL VALVE ASSY is shown in Fig. 52.

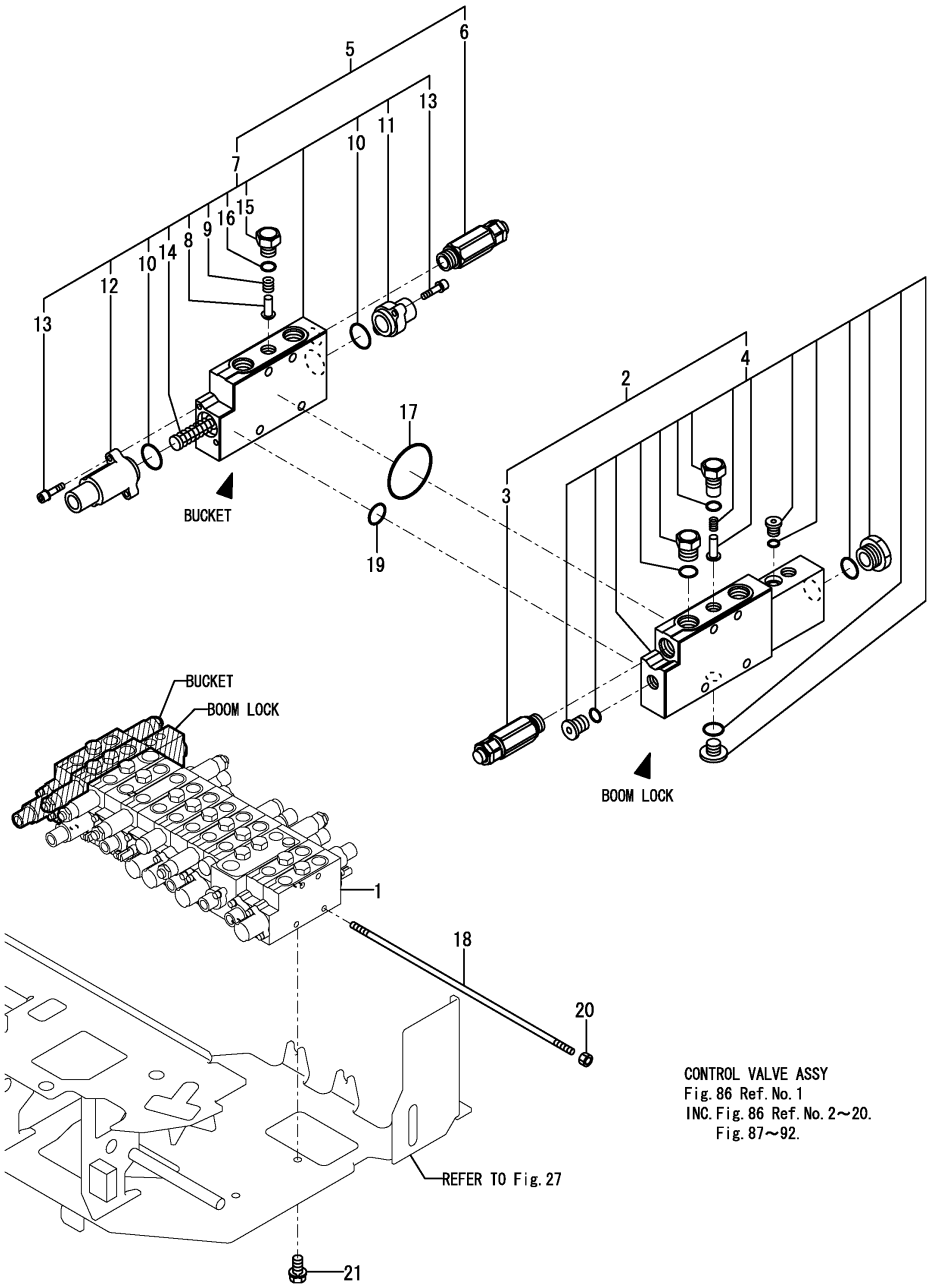
Fig.58. CONTROL VALVE(STANDARD : 7/7)(UP TO M04770)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74110	SECTION ASSY, BLADE	1							
2	3	172A64-74120	SPOOL ASSY, BLADE	1							
3	3	172458-74130	DUST WIPER	1							
4	3	172458-74140	RETAINER, SEAL	1							
5	3	172458-74150	VALVE, REVERSE	1							
6	3	172458-74160	SPRING, VALVE	1							
7	3	172458-74170	CAP, SPRING	1							
8	3	172458-74630	STAY, VALVE	1							
9	3	24311-000120	O-RING, 1AP12.0	1							
10	3	24315-000110	O-RING, 1BP11.0	1							
11	3	26450-050102	BOLT, M5X 10	2							
12	3	26450-050182	BOLT, M5X 18	2							
13	2	172A64-74130	SECTION ASSY	1							
14	3	172A64-74140	SPOOL ASSY, SWING	1							
15	3	172458-74150	VALVE, REVERSE	1							
16	3	172458-74160	SPRING, VALVE	1							
17	3	172458-74230	O-RING	2							
18	3	172458-74240	COVER, PILOT	1							
19	3	172458-74250	COVER, PILOT	1							
20	3	172458-74260	SWP HEX.BOLT 5X20	4							
21	3	172458-74630	STAY, VALVE	1							
22	3	24315-000110	O-RING, 1BP11.0	1							
23	2	172458-74720	O-RING	2							

CONTROL VALVE ASSY is shown in Fig.52.

Fig.86. (58A)CONTROL VALVE(CONNECT SPEC.: 1/7)(FROM M04771)



CONTROL VALVE ASSY
Fig. 86 Ref. No. 1
INC. Fig. 86 Ref. No. 2~20.
Fig. 87~92.

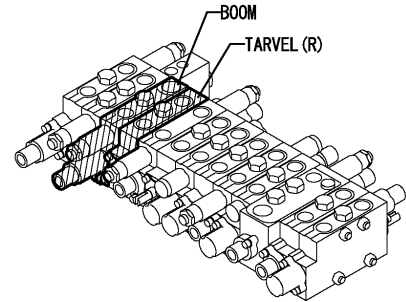
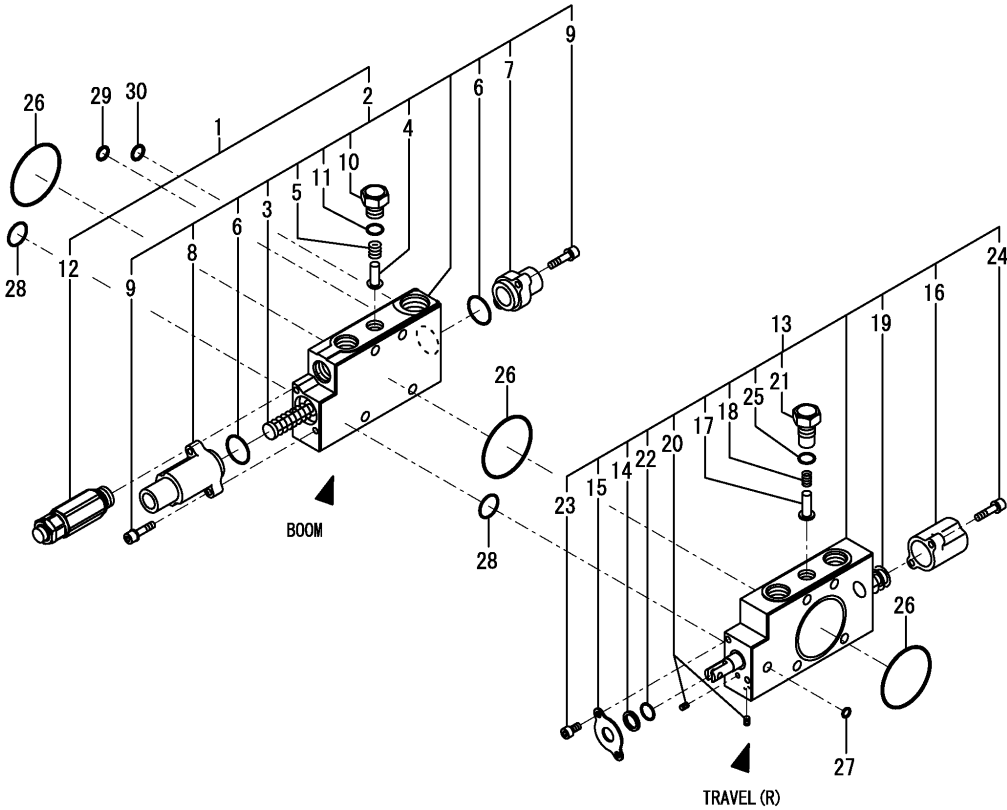
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-74050	VALVE ASSY, CONTROL	1							1
1-1	1	172A64-74051	VALVE ASSY, CONTROL	1						N	1
(A=MZZZZZ)											
2	2	172A64-74430	BOOM LOCK PART	1							
3	3	172456-74440	VALVE, RELIEF	1							
4	3	172A64-74440	BOOM LOCK SEC ASSY	1							
5	2	172A64-74450	SECTION, BUCKET	1							
6	3	172456-74280	VALVE ASSY, RELIEF 2	1							
7	3	172A64-74460	SECTION ASSY, BUCKET	1							
8	4	172458-74150	VALVE, REVERSE	1							
9	4	172458-74160	SPRING, VALVE	1							
10	4	172458-74230	O-RING	2							
11	4	172458-74240	COVER, PILOT	1							
12	4	172458-74250	COVER, PILOT	1							
13	4	172458-74260	BOLT	4							
14	4	172A64-74470	SPOOL ASSY, BUCKET	1							
15	4	172458-74630	STAY, VALVE	1							
16	4	41851-000110	O-RING	1							
17	2	172458-74720	O-RING	1							
18	2	172A47-75450	BOLT	4							
19	2	24311-000180	O-RING, 1AP18.0	1							
20	2	26716-080002	NUT, M8	4							
21	1	26013-100162	BOLT, M10X 16	3							

Remarks
(1)A painting color is red.

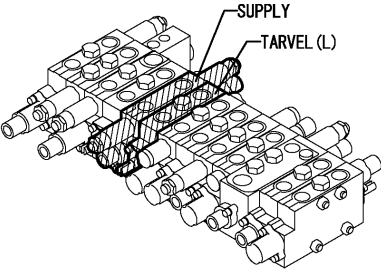
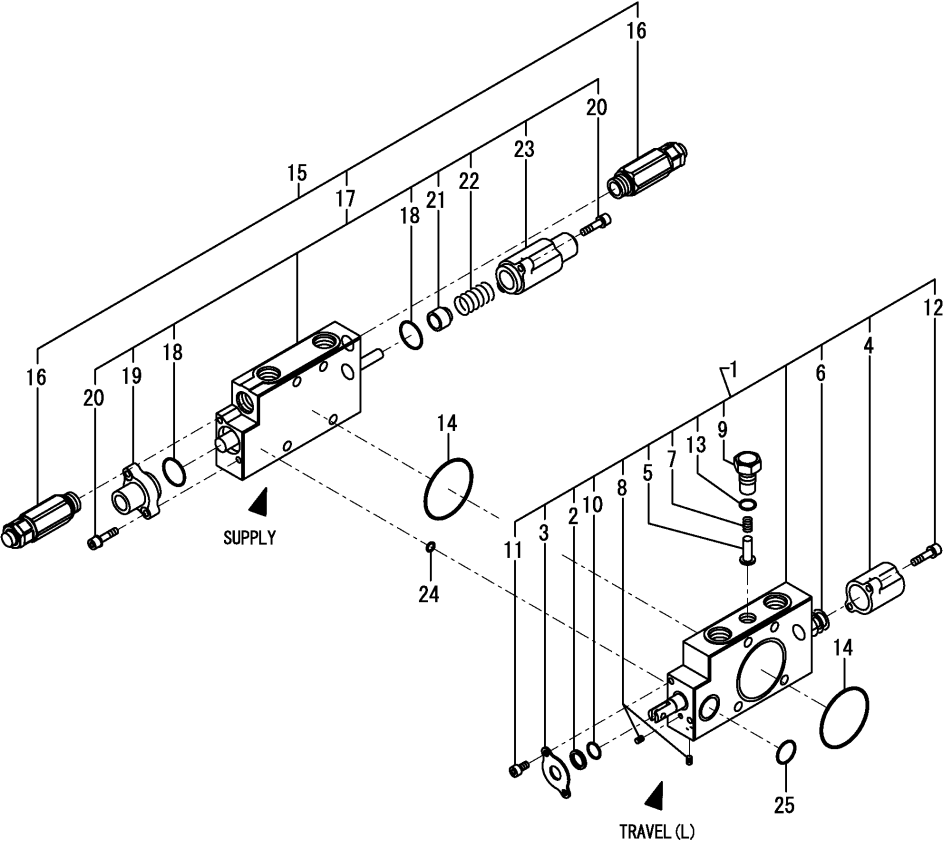
Fig.87. (58B)CONTROL VALVE(CONNECT SPEC.: 2/7)(FROM M04771)



CONTROL VALVE ASSY is shown in Fig. 86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74010	SECTION ASSY, BOOM	1							
2	3	172A64-74020	SECTION ASSY, BOOM	1							
3	4	172A64-74030	SPOOL ASSY, BOOM	1							
4	4	172458-74150	VALVE, REVERSE	1							
5	4	172458-74160	SPRING, VALVE	1							
6	4	172458-74230	O-RING	2							
7	4	172458-74240	COVER, PILOT	1							
8	4	172458-74250	COVER, PILOT	1							
9	4	172458-74260	SWP HEX.BOLT 5X20	4							
10	4	172458-74630	STAY, VALVE	1							
11	4	41851-000110	O-RING	1							
12	3	172462-74340	VALVE ASSY, OVER LOAD	1							
13	2	172A64-74390	SECTION ASSY, TRAVEL	1							
14	3	172458-74130	DUST WIPER	1							
15	3	172458-74140	RETAINER, SEAL	1							
16	3	172458-74170	CAP, SPRING	1							
17	3	172458-74290	VALVE, REVERSE	1							
18	3	172458-74360	SPRING, VALVE	1							
19	3	172A64-74360	SPOOL ASSY, TRAVEL	1							
20	3	172458-74460	PLUG GPM1/32	2							
21	3	172458-74640	STAY, VALVE	1							
22	3	24311-000120	O-RING, 1AP12.0	1							
23	3	26450-050102	BOLT, M5X 10	2							
24	3	26450-050182	BOLT, M5X 18	2							
25	3	41851-000110	O-RING	1							
26	2	172458-74720	O-RING	3							
27	2	24311-000060	O-RING, 1AP6.0	1							
28	2	24311-000180	O-RING, 1AP18.0	2							
29	2	24315-000090	O-RING, 1BP9.0	1							
30	2	24315-000100	O-RING, 1BP10.0	1							

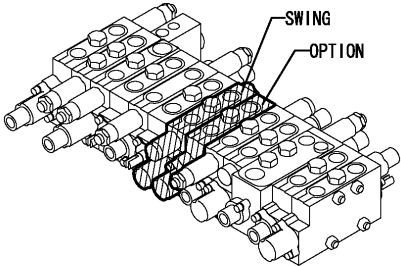
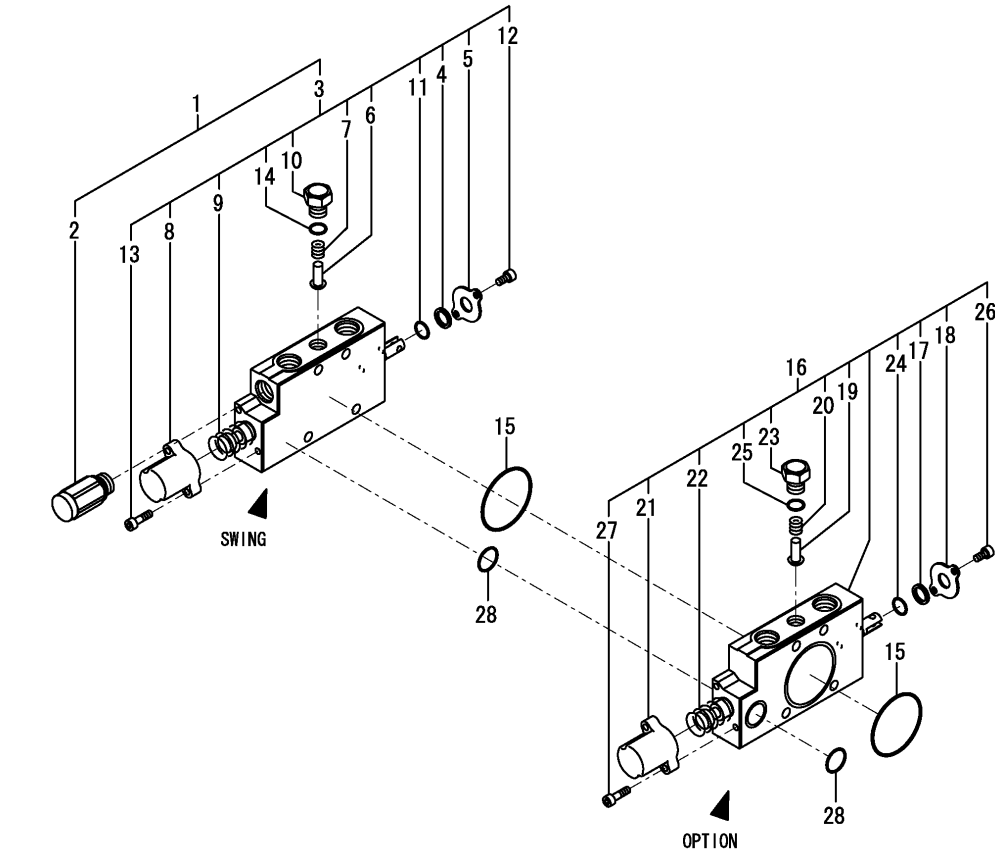
Fig.88. (58C)CONTROL VALVE(CONNECT SPEC.: 3/7)(FROM M04771)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74350	SECTION ASSY, TRAVEL	1							
2	3	172458-74130	DUST WIPER	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	172A64-74360	SPOOL ASSY, TRAVEL	1							
8	3	172458-74460	PLUG GPM1/32	2							
9	3	172458-74640	STAY, VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	26450-050102	BOLT, M5X 10	2							
12	3	26450-050182	BOLT, M5X 18	2							
13	3	41851-000110	O-RING	1							
14	2	172458-74720	O-RING	2							
15	2	172A64-74980	SECTION ASSY, INLET	1							
16	3	172A64-74480	VALVE, RELIEF 210	2							
17	3	172A64-74990	SECTION ASSY, INLET	1							
18	4	172458-74230	O-RING	2							
19	4	172458-74240	COVER, PILOT	1							
20	4	172458-74260	SWP HEX.BOLT 5X20	4							
21	4	172458-74530	SEAT, SPRING	1							
22	4	172458-74540	SPRING, RETURN	1							
23	4	172458-74550	COVER, PILOT	1							
24	2	24311-000060	O-RING, 1AP6.0	1							
25	2	24311-000180	O-RING, 1AP18.0	1							

CONTROL VALVE ASSY is shown in Fig. 86.

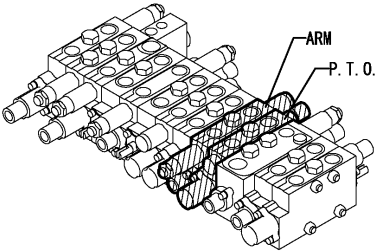
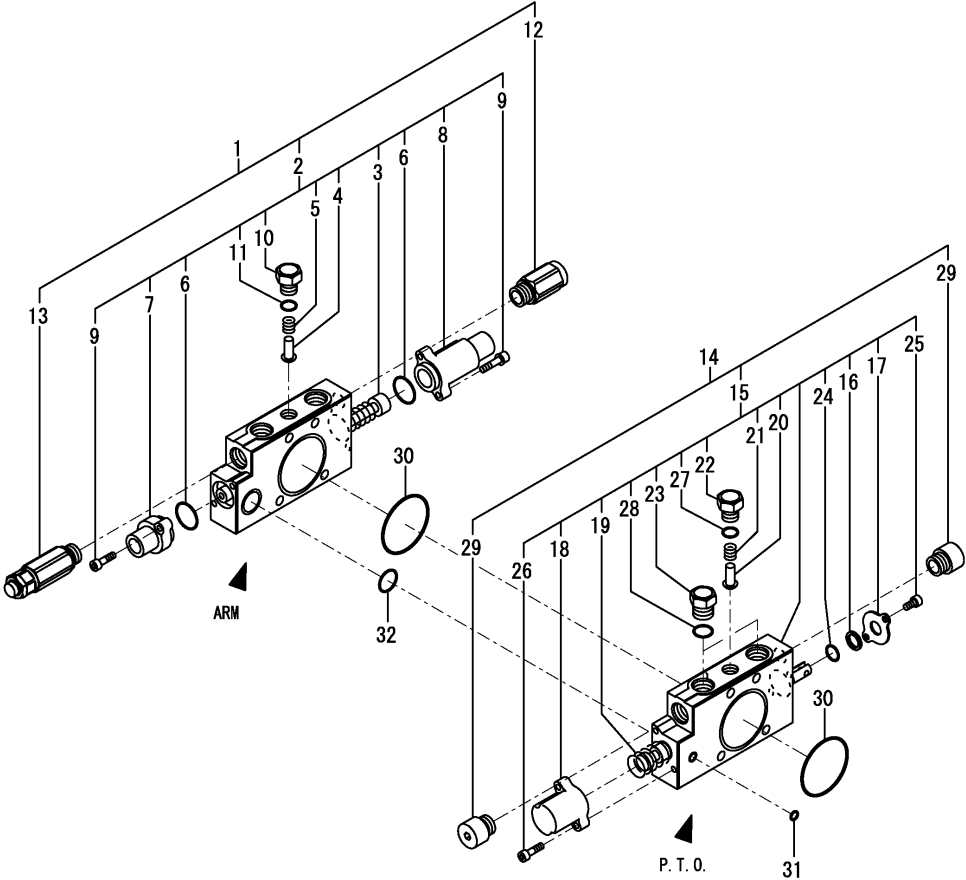
Fig.89. (58D)CONTROL VALVE(CONNECT SPEC. : 4/7)(FROM M04771)



CONTROL VALVE ASSY is shown in Fig. 86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74280	SECTION, SWING	1							
2	3	172447-74230	ANTI-CAVITATION	1							
3	3	172A64-74290	SECTION ASSY, 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							
9	4	172A64-74300	SPOOL ASSY, SWING	1							
10	4	172458-74630	STAY, VALVE	1							
11	4	24311-000120	O-RING, 1AP12.0	1							
12	4	26450-050102	BOLT, M5X 10	2							
13	4	26450-050182	BOLT, M5X 18	2							
14	4	41851-000110	O-RING	1							
15	2	172458-74720	O-RING	2							
16	2	172A64-74970	SECTION ASSY, OPTION	1							
17	3	172458-74130	WIPER, DUST	1							
18	3	172458-74140	RETAINER, SEAL	1							
19	3	172458-74150	VALVE, REVERSE	1							
20	3	172458-74160	SPRING, VALVE	1							
21	3	172458-74170	CAP, SPRING	1							
22	3	172A64-74270	SPOOL ASSY, OPTION	1							
23	3	172458-74630	STAY, VALVE	1							
24	3	24311-000120	O-RING, 1AP12.0	1							
25	3	41851-000110	O-RING	1							
26	3	26450-050102	BOLT, M5X 10	2							
27	3	26450-050182	BOLT, M5X 18	2							
28	2	24311-000180	O-RING, 1AP18.0	2							

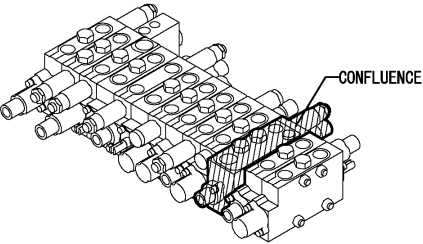
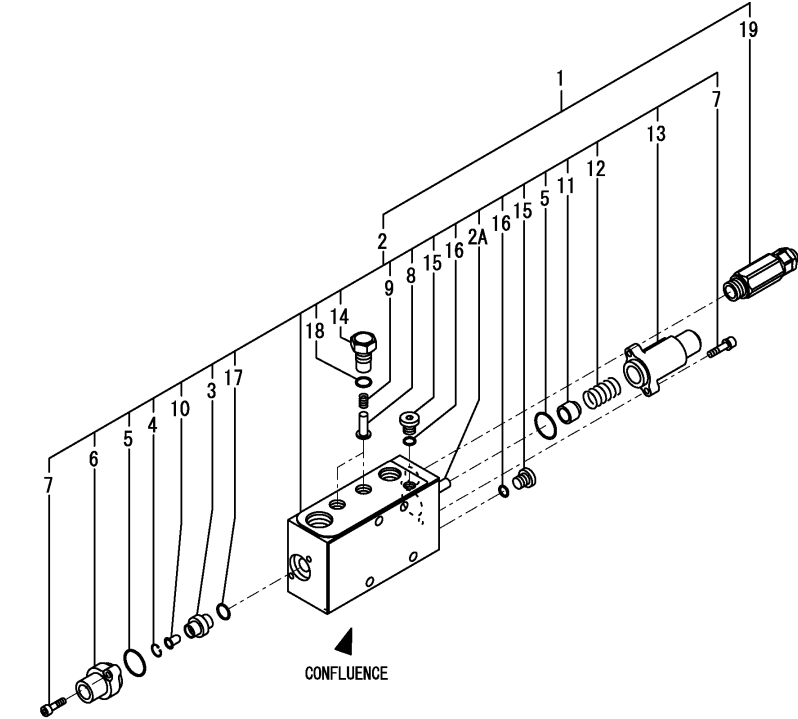
Fig.90. (58E)CONTROL VALVE(CONNECT SPEC.: 5/7)(FROM M04771)



CONTROL VALVE ASSY is shown in Fig. 86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74080	SECTION ASSY, ARM	1							
2	3	172A64-74090	SECTION ASSY, ARM	1							
3	4	172A64-74040	SPOOL ASSY, ARM	1							
4	4	172458-74150	VALVE, REVERSE	1							
5	4	172458-74160	SPRING, VALVE	1							
6	4	172458-74230	O-RING	2							
7	4	172458-74240	COVER, PILOT	1							
8	4	172458-74250	COVER, PILOT	1							
9	4	172458-74260	SWP HEX.BOLT 5X20	4							
10	4	172458-74630	STAY, VALVE	1							
11	4	41851-000110	O-RING	1							
12	3	172447-74230	ANTI-CAVITATION	1							
13	3	172462-74340	VALVE ASSY,OVER LOAD	1							
14	2	172A64-74200	SECTION, PTO	1							
15	3	172A64-74210	SECTION ASSY, PTO	1							
16	4	172458-74130	DUST WIPER	1							
17	4	172458-74140	RETAINER, SEAL	1							
18	4	172458-74170	CAP, SPRING	1							
19	4	172A64-74220	SPOOL ASSY, PTO	1							
20	4	172490-74310	VALVE, REVERSE	1							
21	4	172490-74320	SPRING, VALVE	1							
22	4	172490-74330	STAY, VALVE	1							
23	4	172458-74650	STAY, VALVE	2							
24	4	24311-000120	O-RING, 1AP12.0	1							
25	4	26450-050102	BOLT, M5X 10	2							
26	4	26450-050182	BOLT, M5X 18	2							
27	4	41851-000110	O-RING	1							
28	4	41851-000140	O RING P 14.0 HNBR	2							
29	3	172456-74290	RELIEF VALVE PLUG	2							
30	2	172458-74720	O-RING	2							
31	2	24311-000060	O-RING, 1AP6.0	1							
32	2	24311-000180	O-RING, 1AP18.0	1							

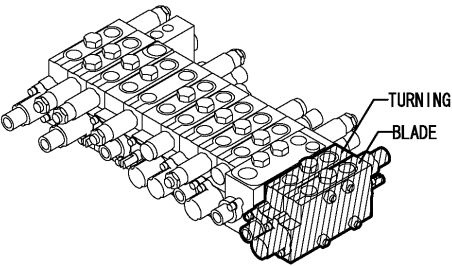
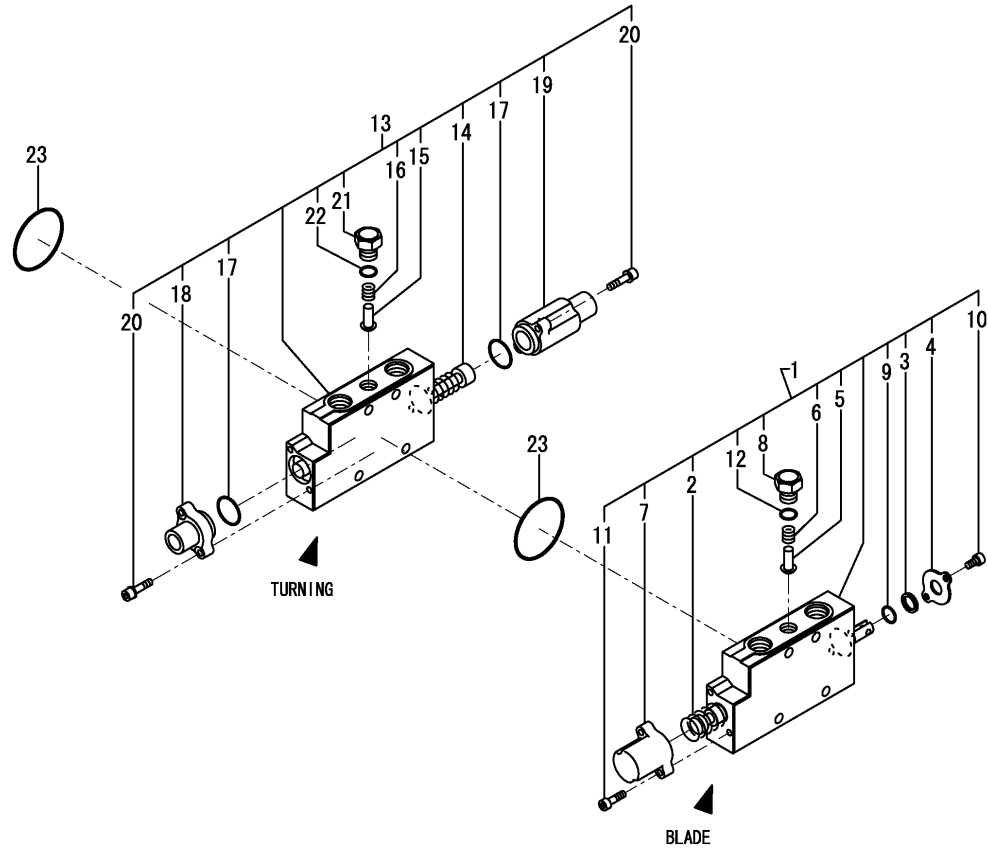
Fig.91. (58F)CONTROL VALVE(CONNECT SPEC.: 6/7)(FROM M04771)



CONTROL VALVE ASSY is shown in Fig.86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74060	SECTION ASSY	1							
1-1	2	172A64-74061	SECTION ASSY	1						N	
(A=MZZZZZ)											
2	3	172A64-74070	SECTION, CONFLUENE	1							
2-1	3	172A64-74071	SECTION, CONFLUENE	1						N	
(A=MZZZZZ)											
2A	4	172A64-74340	SPOOL ASSY	1							W
(A=MZZZZZ)											
3	4	172A64-74170	CASE, FILTER	1							
4	4	172A64-74190	CIRCLIP, 8	1							
5	4	172458-74230	O-RING	2							
6	4	172458-74240	COVER, PILOT	1							
7	4	172458-74260	BOLT	4							
8	4	172458-74290	VALVE, REVERSE	2							
9	4	172458-74360	SPRING, VALVE	2							
10	4	172A47-74360	FILTER	1							
11	4	172458-74530	SEAT, SPRING	1							
12	4	172458-74540	SPRING, RETURN	1							
13	4	172458-74550	COVER, PILOT	1							
14	4	172458-74640	STAY, VALVE	2							
15	4	172458-74670	PLUG	2							
16	4	24315-000080	O-RING, 1BP8.0	2							
17	4	24315-240100	O-RING, 1BP10A	1							
18	4	41851-000110	O-RING	2							
19	3	172A64-74490	VALVE, RELIEF 170	1							

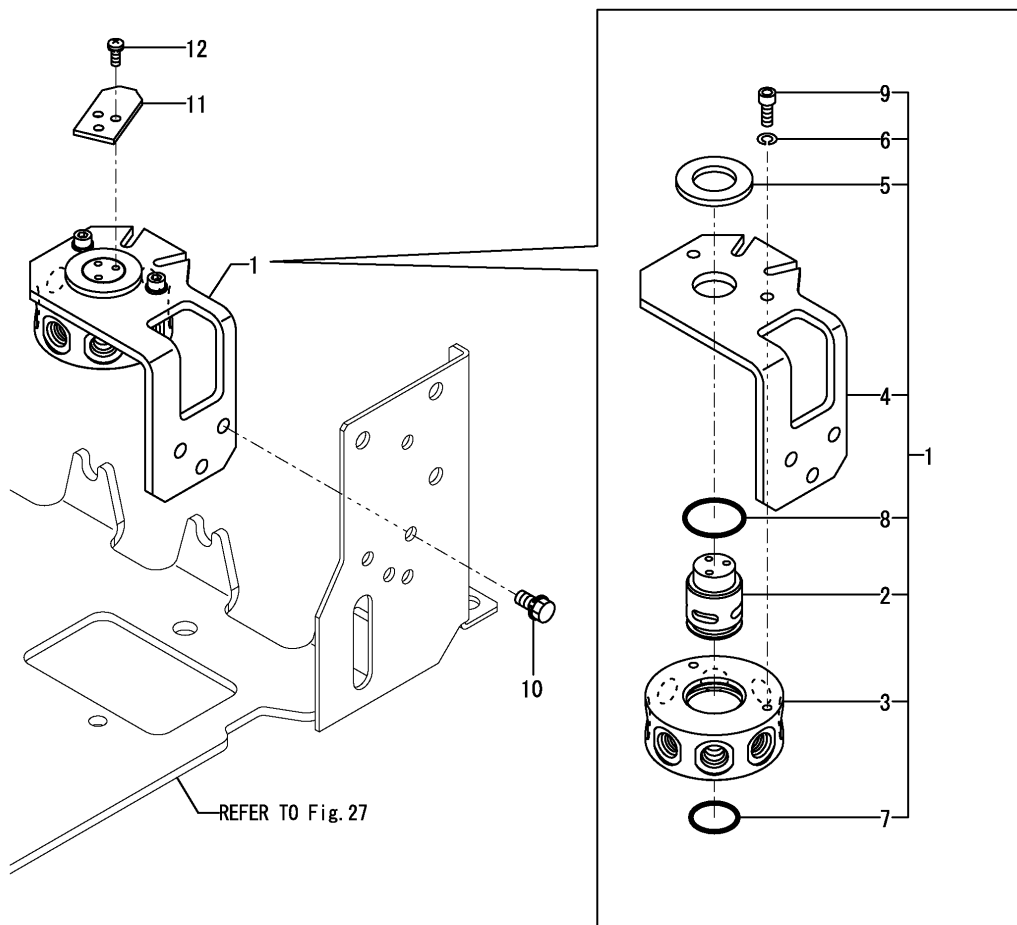
Fig.92. (58G)CONTROL VALVE(CONNECT SPEC.: 7/7)(FROM M04771)



CONTROL VALVE ASSY is shown in Fig. 86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74110	SECTION ASSY, BLADE	1							
2	3	172A64-74120	SPOOL ASSY, BLADE	1							
3	3	172458-74130	DUST WIPER	1							
4	3	172458-74140	RETAINER, SEAL	1							
5	3	172458-74150	VALVE, REVERSE	1							
6	3	172458-74160	SPRING, VALVE	1							
7	3	172458-74170	CAP, SPRING	1							
8	3	172458-74630	STAY, VALVE	1							
9	3	24311-000120	O-RING, 1AP12.0	1							
10	3	26450-050102	BOLT, M5X 10	2							
11	3	26450-050182	BOLT, M5X 18	2							
12	3	41851-000110	O-RING	1							
13	2	172A64-74130	SECTION ASSY	1							
14	3	172A64-74140	SPOOL ASSY, SWING	1							
15	3	172458-74150	VALVE, REVERSE	1							
16	3	172458-74160	SPRING, VALVE	1							
17	3	172458-74230	O-RING	2							
18	3	172458-74240	COVER, PILOT	1							
19	3	172458-74250	COVER, PILOT	1							
20	3	172458-74260	SWP HEX.BOLT 5X20	4							
21	3	172458-74630	STAY, VALVE	1							
22	3	41851-000110	O-RING	1							
23	2	172458-74720	O-RING	2							

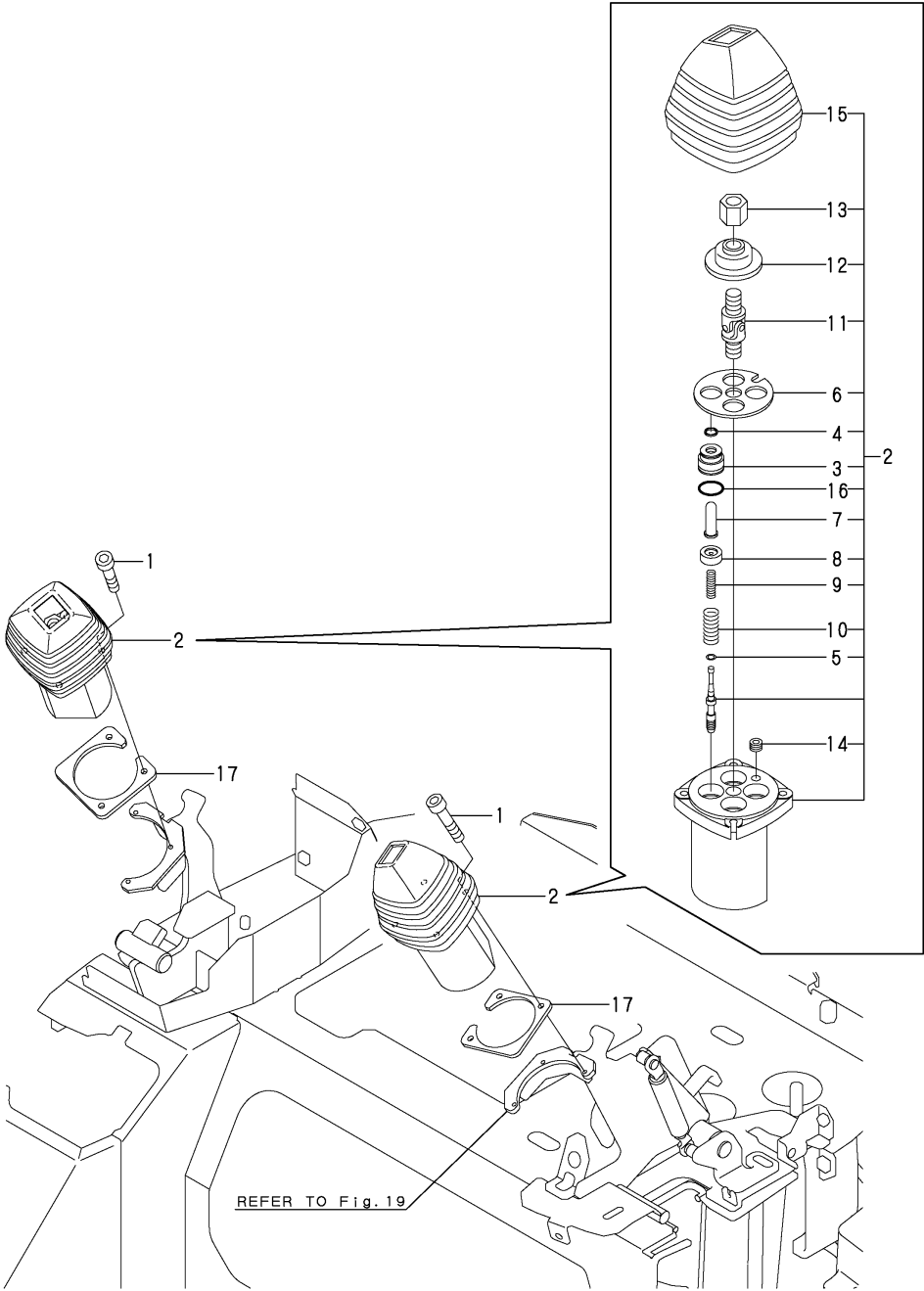
Fig.59. 2-WAY VALVE



No.	Lev.	Parts No.	Description	(A)=VIO17(KR)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172A64-74700	VALVE ASSY,2WAY-AB	1							
2	2	172A64-74710	SHAFT	1							
3	2	172A64-74720	BLOCK, VALVE	1							
4	2	172A64-74731	STAY ASSY	1							
5	2	22137-240000	WASHER, 24	1							
6	2	22217-060000	WASHER, SPRING 6	2							
7	2	24311-000250	O-RING, 1AP25.0	1							
8	2	24311-000320	O-RING, 1AP32.0	1							
9	2	26450-060162	BOLT, M6X 16	2							
10	1	26013-080202	BOLT, M8X 20	3							
11	1	172A64-74750	LEVER, LOCK	1							
12	1	26022-050122	SCREW, M5X12	3							

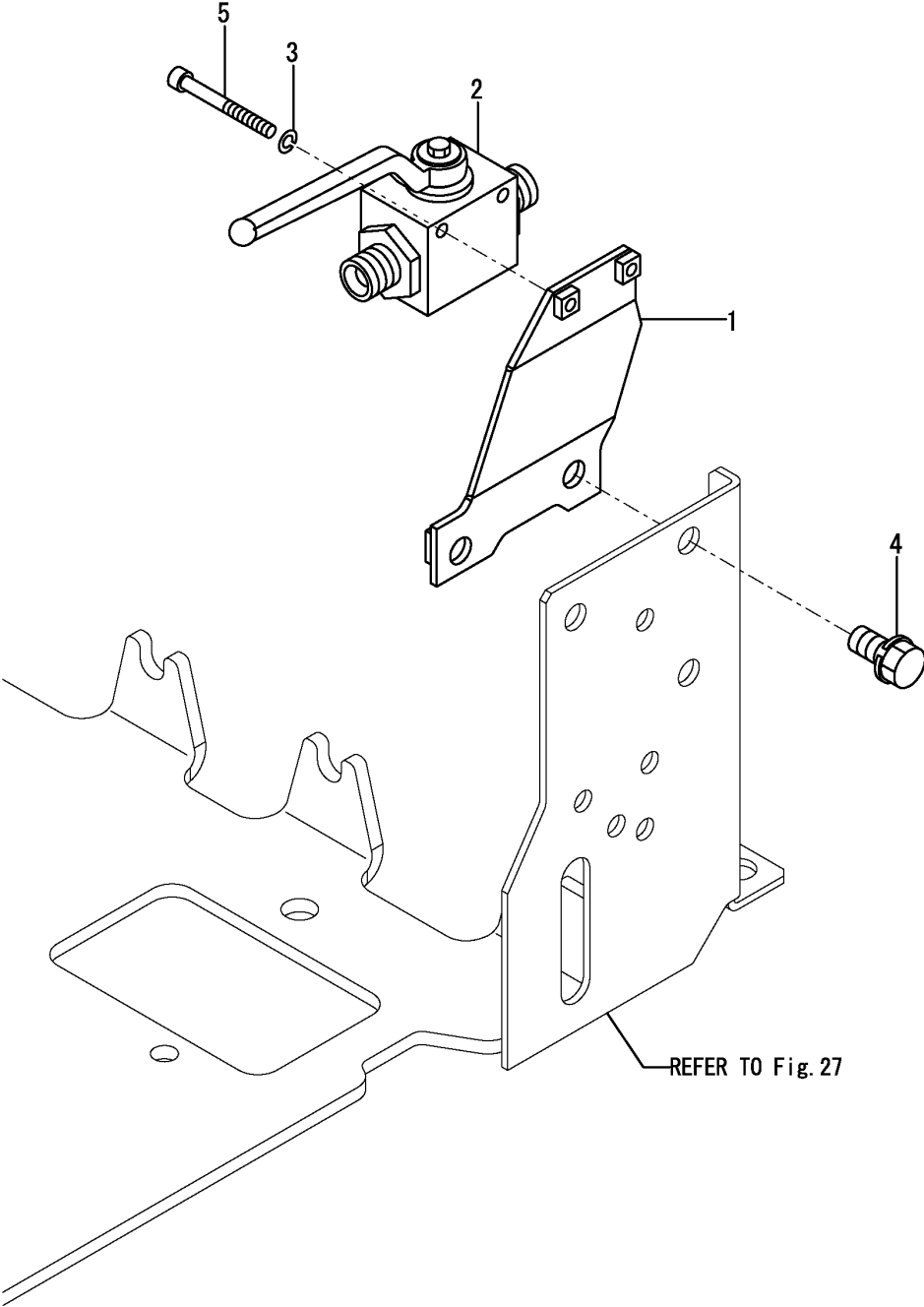
(A)=VIO17(KR)
(B)=
(C)=

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



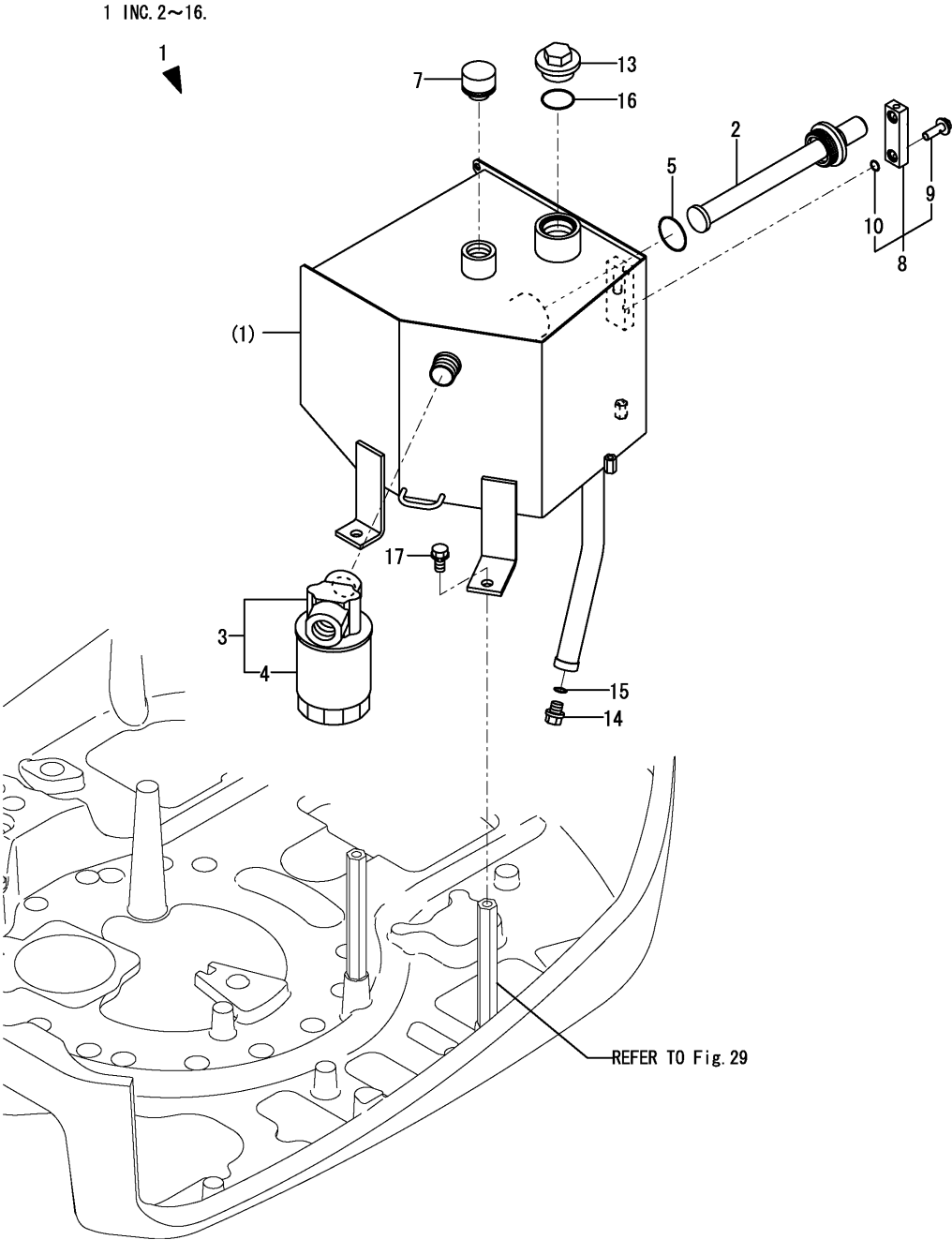
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT, M6X30	6							
2	1	172A64-74500	VALVE ASSY, REMO-CON	2							
3	2	172151-73400	PLUG	8							
4	2	172151-73420	SEAL	8							
5	2	172151-73450	WASHER	8							
6	2	172A64-74590	PLATE	2							
7	2	172A64-74600	ROD, PUSH	8							
7-1	2	172A64-74601	ROD, PUSH	8							N
(A=M0T001)											
8	2	172A64-74610	SEAT, SPRING	8							
8-1	2	172A64-74611	SEAT, SPRING	8							N
(A=M0T001)											
9	2	172A64-74620	SPRING	8							
10	2	172A64-74630	SPRING	8							
11	2	172A64-74640	JOINT	2							
12	2	172A64-74650	PLATE, CIRCULAR	2							
13	2	172A64-74660	NUT, ADJUST	2							
14	2	172A64-74670	BUSH	2							
15	2	172A64-74680	BELLOWS	2							
16	2	24315-000200	O-RING, 1BP20.0	8							
17	1	172A78-74650	PLATE ASSY, VALVE	2							
(A=M/#01400)											

Fig.61. STOP VALVE



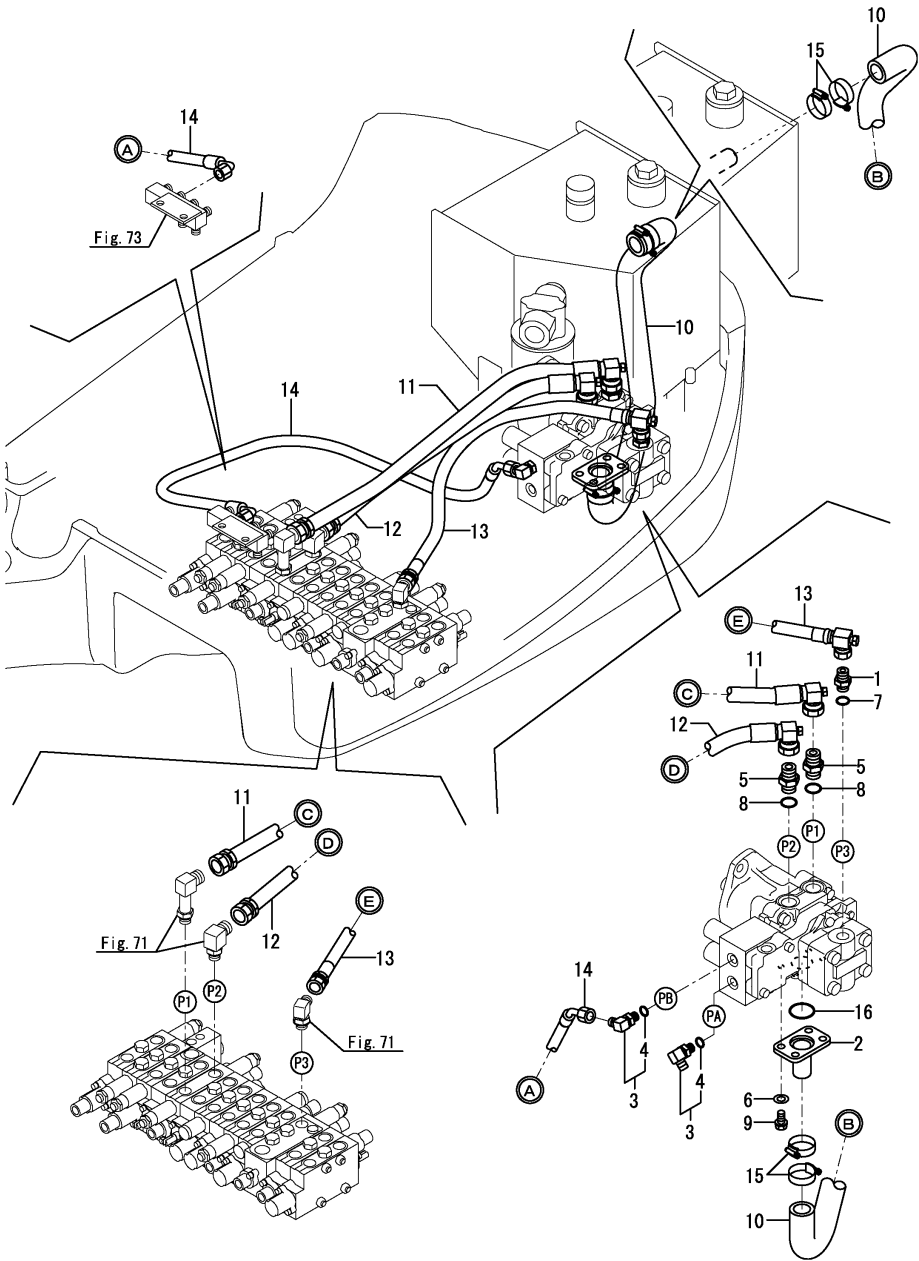
0CS10-M51000 Fig.61												
				(A)=VIO17(KR)	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172A64-45600	STAY ASSY, VALVE	1								
2	1	172A64-74800	STOP VALVE 06 ASSY	1								
3	1	22217-050000	WASHER, SPRING 5	2								
4	1	26013-100202	BOLT, M10X 20	2								
5	1	26450-050452	BOLT, M5X 45	2								

Fig.62. HYD.OIL TANK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A64-75100	TANK ASSY, RESERVOIR	1							
2	2	172A64-73700	STRAINER	1							
3	2	172A64-73770	FILTER ASSY, RETURN	1							
4	3	172A64-73780	ELEMENT ASSY, FILTER	1							
5	2	24315-000440	O-RING 1B P-44.0	1							
7	2	172446-75250	CAP, RESERVER	1							
8	2	172447-75600	GAUGE ASSY	1							
9	3	172455-75290	BOLT M10	2							
10	3	172455-75300	O-RING	4							
13	2	172116-75850-B	PLUG, OIL FEED	1							
14	2	23491-140002	PLUG, 14	1							
15	2	24311-000160	O-RING, 1AP16.0	1							
16	2	24311-000380	O-RING, 1AP38.0	1							
17	1	26013-120252	BOLT, M12X 25	3							

Fig.63. HYD. OIL PIPING(PUMP)(PUMP : K SPEC.)(TO M09713)



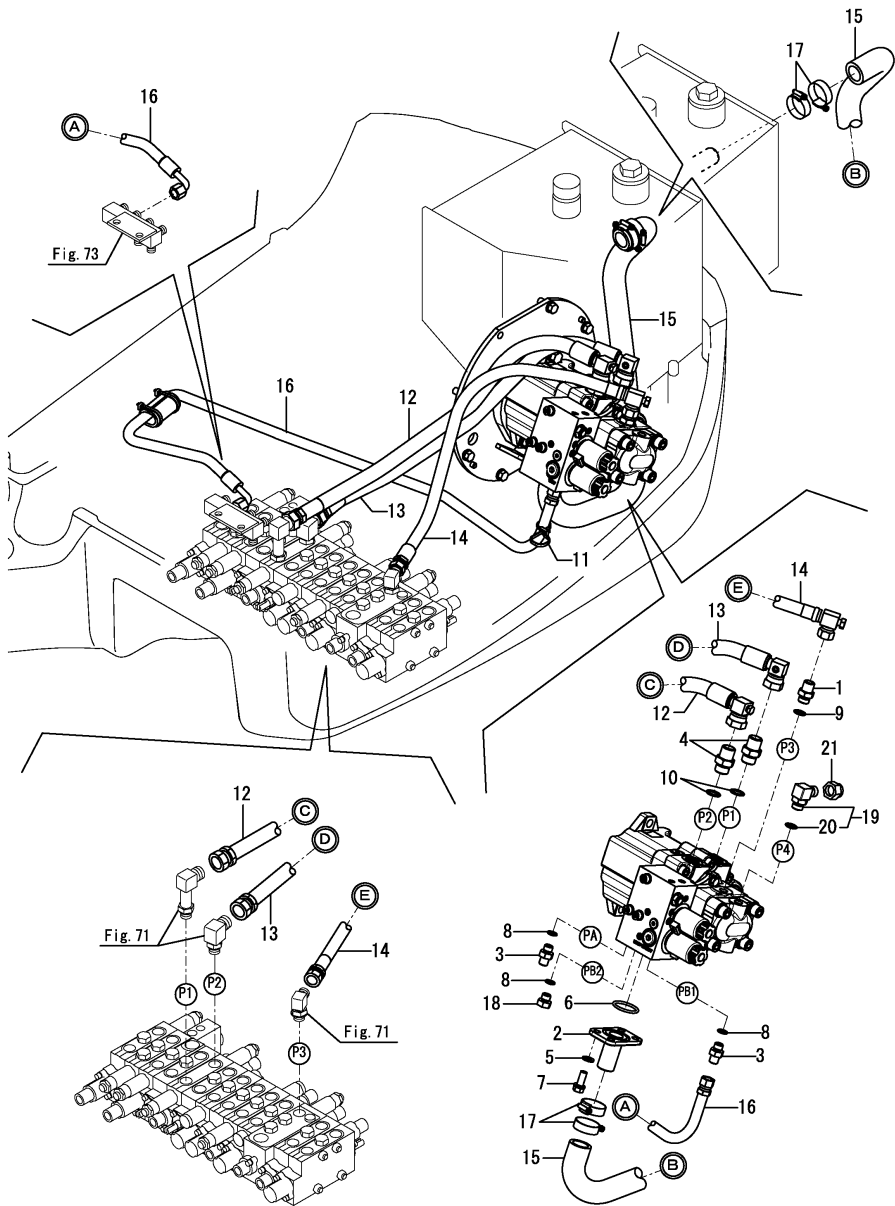
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER, M/M C	1							
2	1	172124-76100	FLANGE, PUMP INLET	1							
3	1	172141-76180	CONNECTOR ASSY, 02FF	2							
4	2	24315-000110	O-RING, 1BP11.0	2							
5	1	172112-77361	CONNECTOR, PF 1/2-1/2	2							
6	1	22117-100000	WASHER, 10	4							
7	1	24315-000140	O-RING, 1BP14.0	1							
8	1	24315-000180	O-RING, 1BP18.0	2							
9	1	26013-100252	BOLT, M10X 25	4							
10	1	172A64-78101	HOSE, SUCTION NA	1							
11	1	172A64-78120	HOSE, H208BZ060S	1							
12	1	172A64-78130	HOSE, H208BZ052S	1							
13	1	172A64-78140	HOSE, H206BZ062S	1							
14	1	172A64-78620	HOSE, H504CEC105S	1							
15	1	23001-041000	CLAMP, HOSE 41	4							
16	1	24321-000350	O-RING, 1AG35.0	1							
16-1	1	24311-000350	O-RING, 1AP35.0	1							N
(A=M02352)											

Remarks
* Fitting(control valve) is shown in Fig.71.

Fig.95. (63A)HYD. OIL PIPING(PUMP)(PUMP : F SPEC.)(FROM M09714)



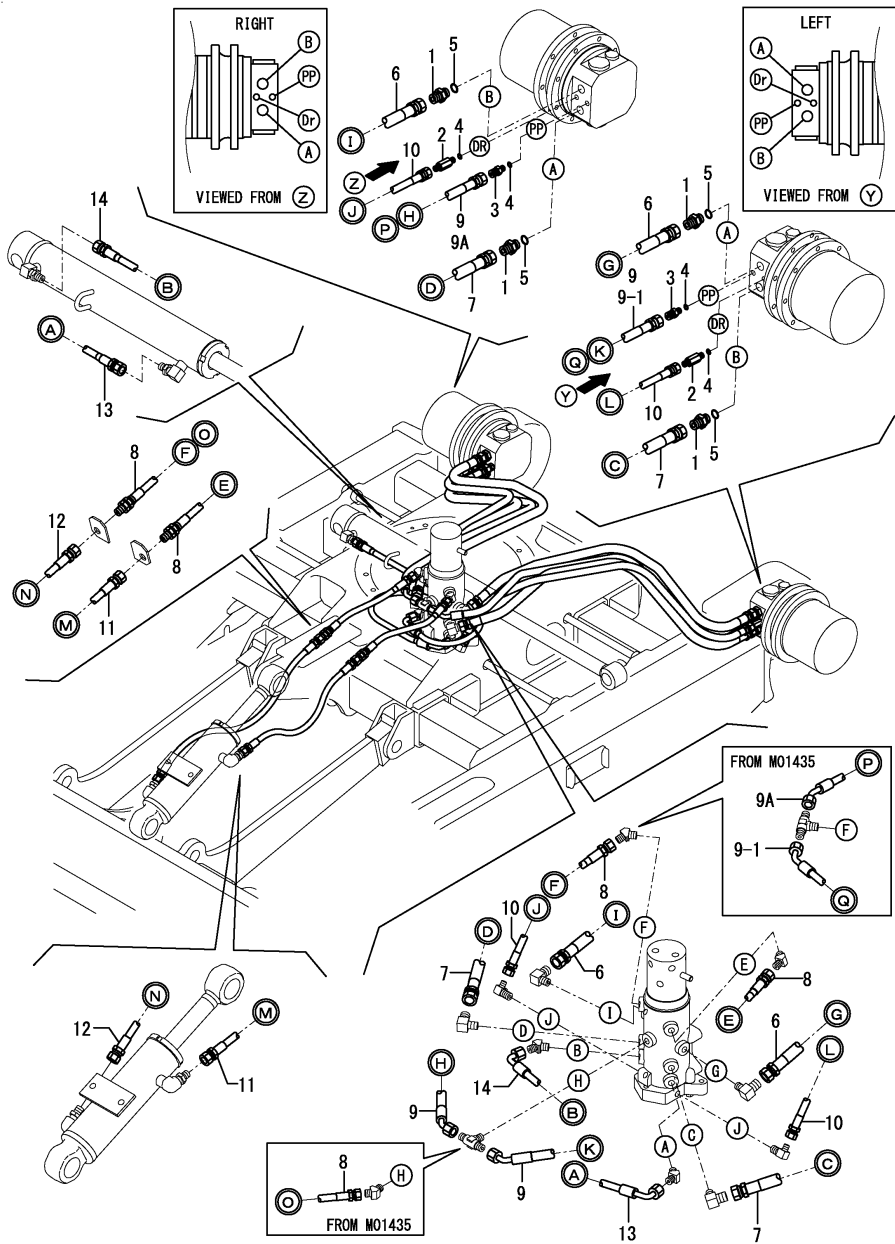
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER, M/M C	1							
2	1	172124-76100	FLANGE, PUMP INLET	1							
3	1	172123-76121	ADAPTER, M/M PF1/4	2							
4	1	172112-77361	CONNECTOR, PF1/2-1/2	2							
5	1	22117-100000	WASHER, 10	4							
6	1	24311-000350	O-RING, 1AP35.0	1							
7	1	26013-100252	BOLT, M10X 25	4							
8	1	41851-000110	O-RING, P11.0 HNBR	3							
9	1	41851-000140	O-RING, P 14.0 HNBR	1							
10	1	41851-000180	O-RING, P 18.0 HNBR	2							
11	1	172137-16560	BAND, BINDING W	1							Z
(A=M09808)											
12	1	172A64-78020	HOSE, H208BZ063S	1							
13	1	172A64-78030	HOSE, H208BZ063S	1							
14	1	172A64-78040	HOSE, H206BZ064S	1							
15	1	172A64-78110	HOSE, SUCTION	1							
16	1	172A64-78660	HOSE, H504BC117S	1							
16-1	1	172A64-78661	HOSE,H504BC117S	1							N
(A=M0U127)											
16-2	1	172A64-78662	HOSE,H504BC117S	1							N
(A=*2024.05.)											
16-3	1	172A64-78663	HOSE,H504BC117S	1							N
(A=*2025.04)											
17	1	23001-041000	CLAMP, HOSE 41	4							
18	1	172165-76590	PLUG, HEXAGON	1							
19	1	172141-76920	CONNECTOR ASSY	1							W
(A=M0A648)											
20	2	24315-000140	O-RING, 1BP14.0	1							W
(A=M0A648)											
21	1	1E3030-78370	CAP, SCREW	1							W
(A=M0A648)											

Remarks
* Fitting(control valve) is shown in Fig.71.

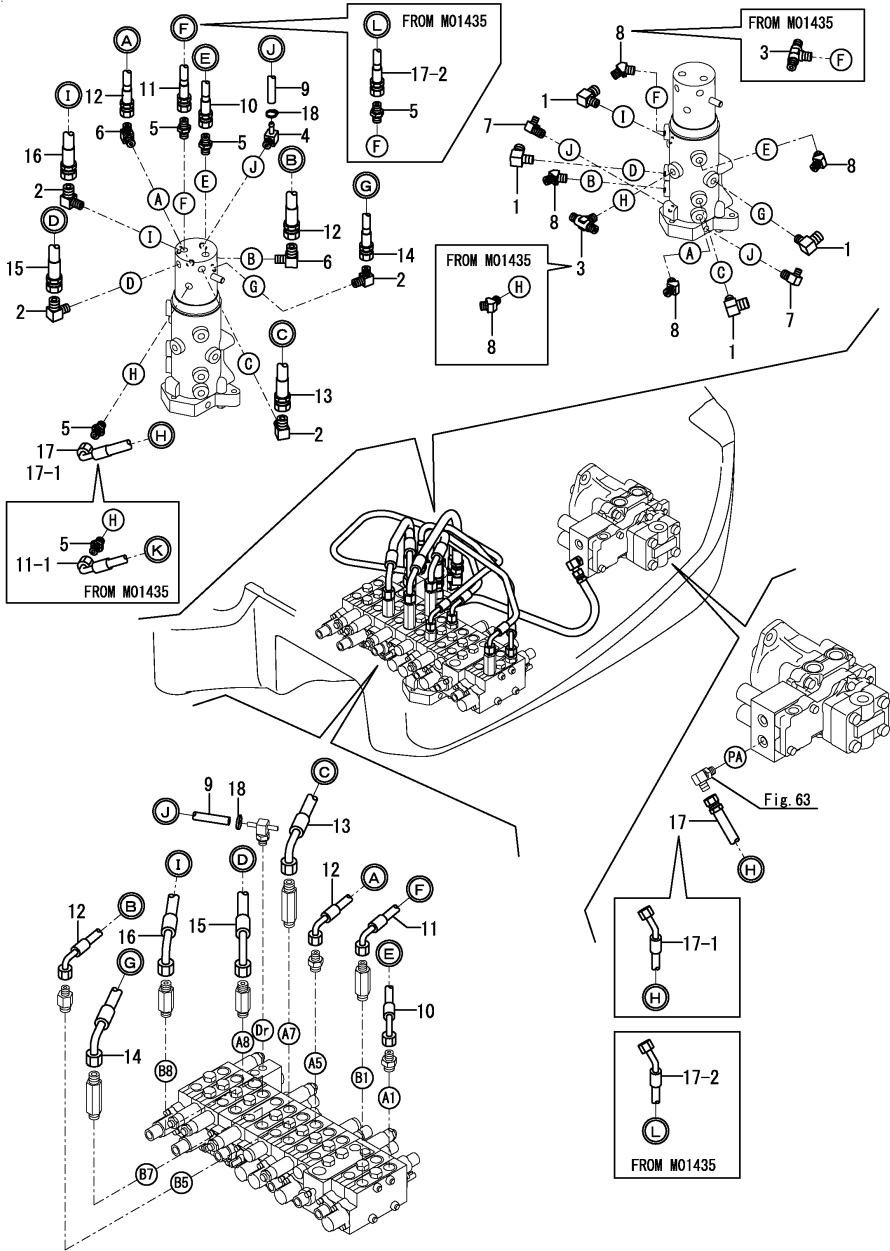
Fig.64. HYD. OIL PIPING(LOWER)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER, M/M C	4							
2	1	172A64-76101	JOINT, G1/8-1/8	2							
3	1	172447-76210	JOINT, G1/8-G1/4	2							
4	1	24315-000080	O-RING, 1BP8.0	4							
5	1	24315-000140	O-RING, 1BP14.0	4							
6	1	172A64-78441	HOSE, F205BB085W	2							
7	1	172A64-78451	HOSE, F205BB089W	2							
8	1	172A64-78470	HOSE, F204BX031W	2							
9	1	172A64-78481	HOSE, F204BE094W	2							Z
(A=M01435)											
9-1	1	172A64-78482	HOSE, F204BE094W	1							W
(A=M/# 01435)											
9A	1	172A64-78460	HOSE, F204BE086W	1							W
(A=M/# 01435)											
10	1	172A64-78492	HOSE, F204BB087W	2							
11	1	172A64-78501	HOSE, F204BB043W	1							
12	1	172A64-78511	HOSE, F204BB059W	1							
13	1	172A64-78520	HOSE, F204BC050W	1							
14	1	172A64-78530	HOSE, F204BC068W	1							

Remarks
* Fitting(Swivel joint) is shown in Fig.65.

Fig.65. HYD. OIL PIPING(SWIVEL JOINT)



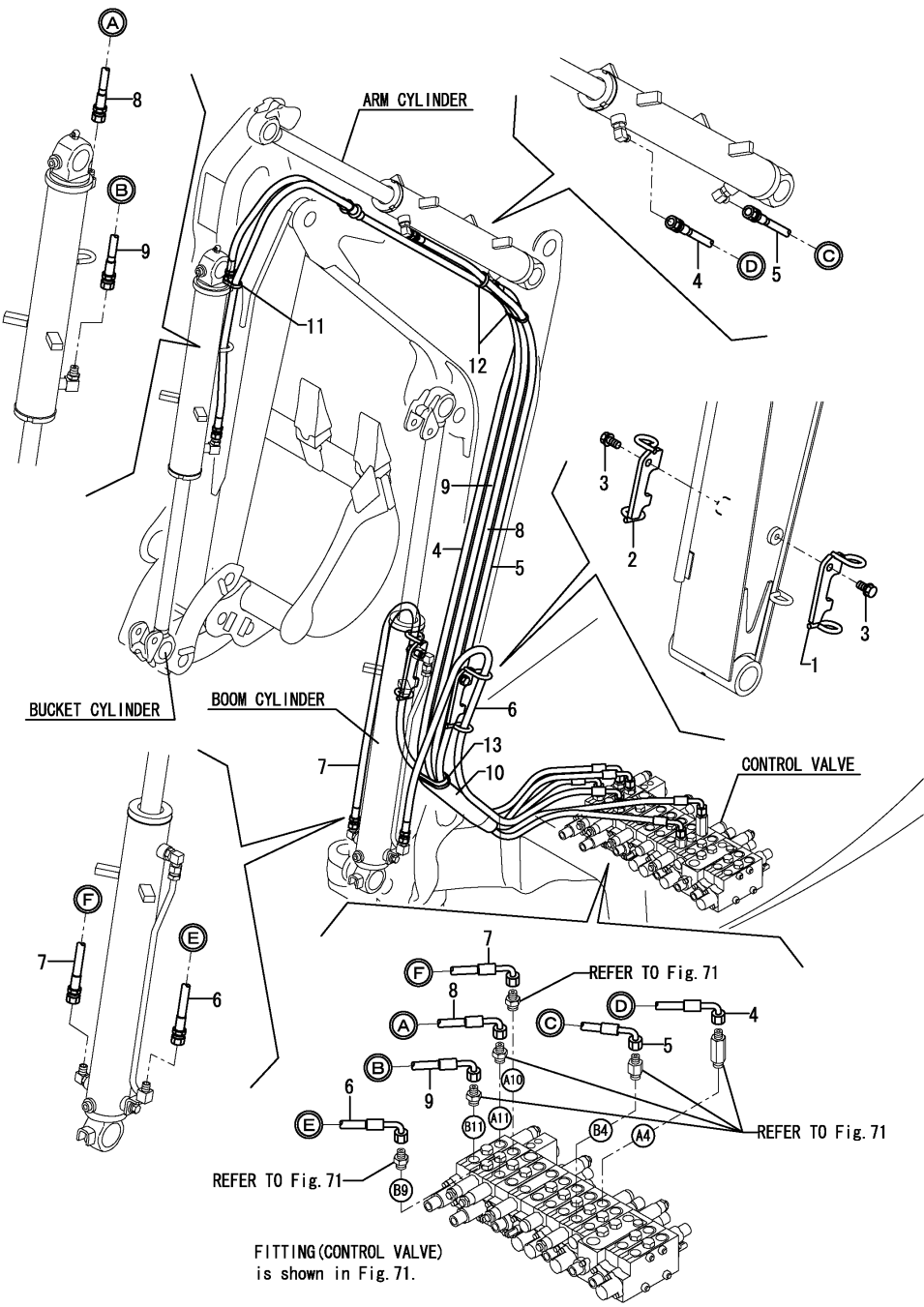
(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172147-76180	ELBOW, 90 1/4X3/8	4							
2	1	172147-76180	ELBOW, 90 1/4X3/8	4							
3	1	172162-76320	CONNECTOR, 3X1/4	1							
4	1	172186-76390	NIPPLE, ELBOW 1/4	1							
5	1	23391-020000	JOINT, RGI-1/4	3							
6	1	23393-020000	JOINT, 90RGI-1/4	2							
7	1	23393-020000	JOINT, 90RGI-1/4	2							
8	1	23394-020000	JOINT, 45RGI-1/4	4							
9	1	172A64-78211	HOSE, G804YY055	1							
9-1	1	172A64-78212	HOSE, G804YY055C	1						N	
(A=M/# 00865)											
10	1	172A64-78250	HOSE, F204BC059	1							
11	1	172A64-78260	HOSE, F204BC069	1							
11-1	1	172A64-78261	HOSE, F204BC069	1						S	
(A=M/# 01435)											
12	1	172A64-78310	HOSE, F204BC063	2							
13	1	172A64-78350	HOSE, F206BC035	1							
14	1	172A64-78360	HOSE, F206BC045	1							
15	1	172A64-78371	HOSE, F206BC030	1							
16	1	172A64-78380	HOSE, F206BC041	1							
17	1	172A64-78610	HOSE, H504BC056S	1							
17-1	1	172A64-78611	HOSE, H504CE052S	1						N	
(A=M00697)											
17-2	1	172A64-78612	HOSE, H504CE052S	1						S	
(A=M/# 01435)											
18	1	23000-013000	CLAMP, 13	2							

Remarks
* Fitting(control valve) is shown in Fig.71.

Fig.66. HYD.OIL PIPING(IMP)

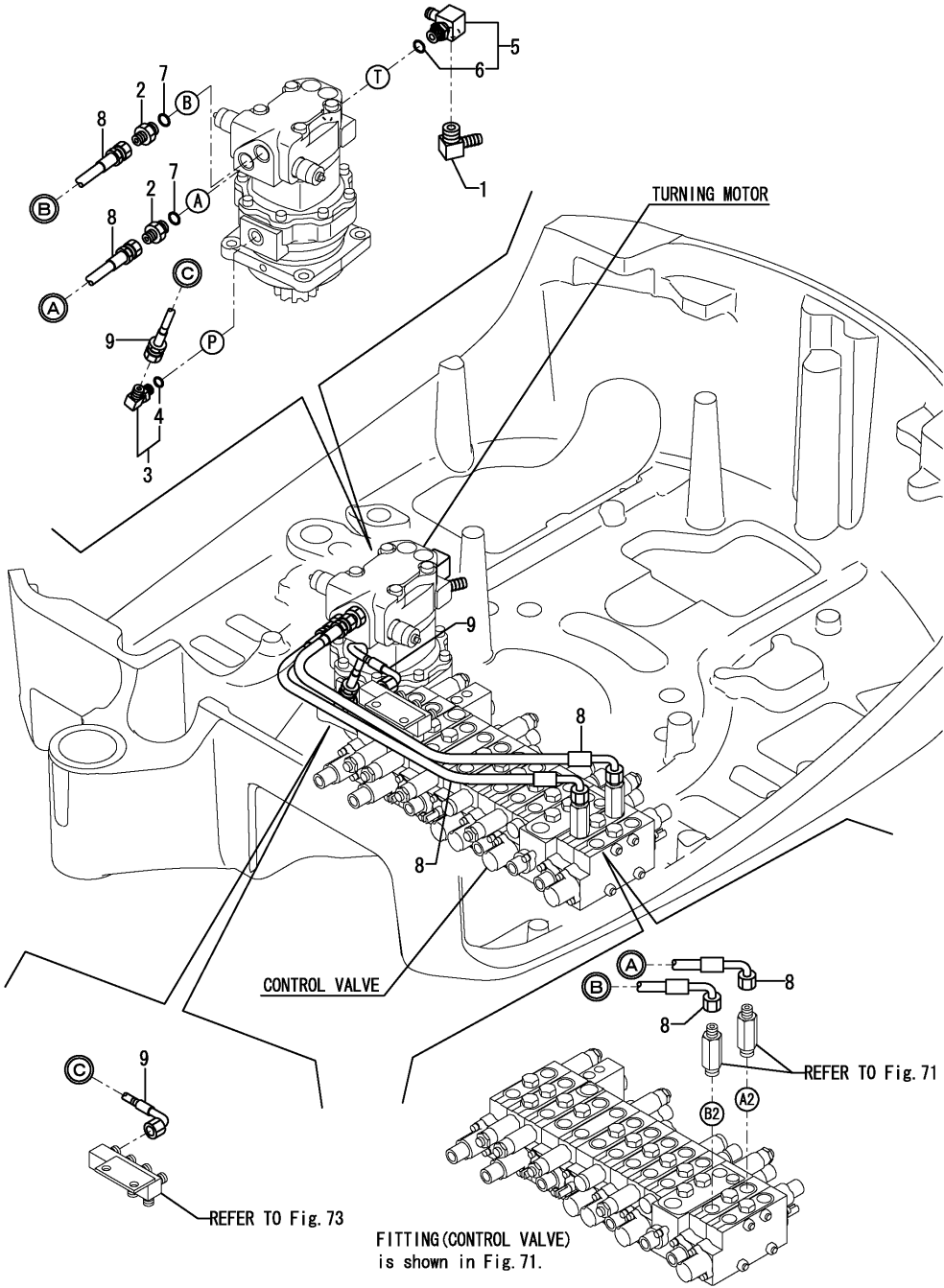


(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-76200	GUIDE ASSY, HOSE	1							
2	1	172A64-76240	GUIDE ASSY, HOSE	1							
3	1	26013-120302	BOLT, M12X 30	2							
4	1	172A64-78291	HOSE	1							
5	1	172A64-78301	HOSE	1							
6	1	172A64-78391	HOSE	1							
7	1	172A64-78401	HOSE	1							
8	1	172A64-78411	HOSE	1							
9	1	172A64-78421	HOSE	1							
10	1	172A64-78910	COVER, HOSE	1							
11	1	172122-79920	CLIP, HOSE	1							
12	1	194202-56460	BAND, 200	2							
13	1	172126-11510	BAND 300	1							

Fig.67. HYD.OIL PIPING(TURNING MOTOR)

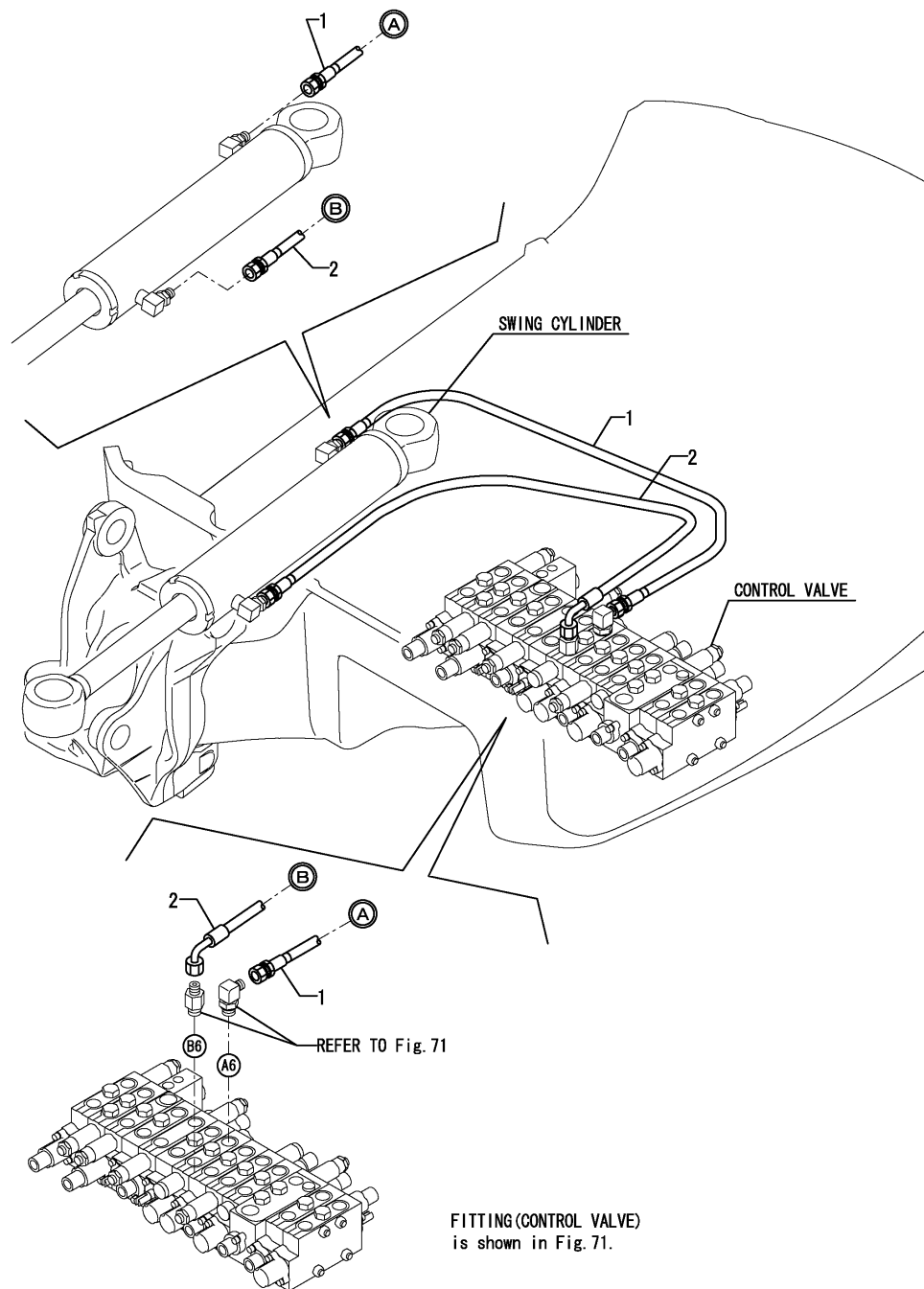


(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172131-76130	NIPPLE, ELBOW	1							
2	1	172124-76160	CONNECTOR	2							
3	1	172141-76180	CONNECTOR ASSY	1							
4	2	24315-000110	O-RING, 1BP11.0	1							
5	1	172487-76200	ELBOW	1							
6	2	24315-000140	O-RING, 1BP14.0	1							
7	1	24315-000140	O-RING, 1BP14.0	2							
8	1	172A64-78270	HOSE	2							
9	1	172A64-78651	HOSE	1							

Fig.68. HYD.OIL PIPING(SWING CYLINDER)



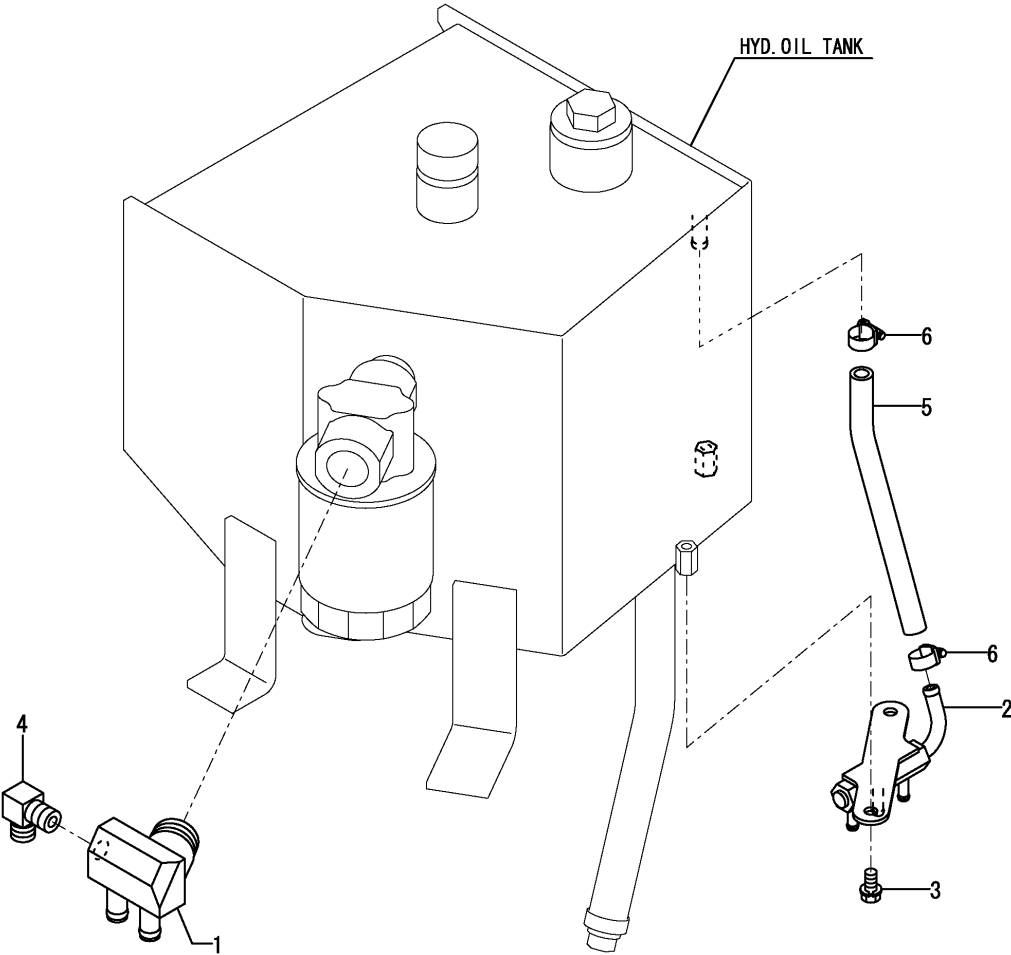
FITTING (CONTROL VALVE)
is shown in Fig. 71.

(A)=VIO17(KR)
(B)=
(C)=

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

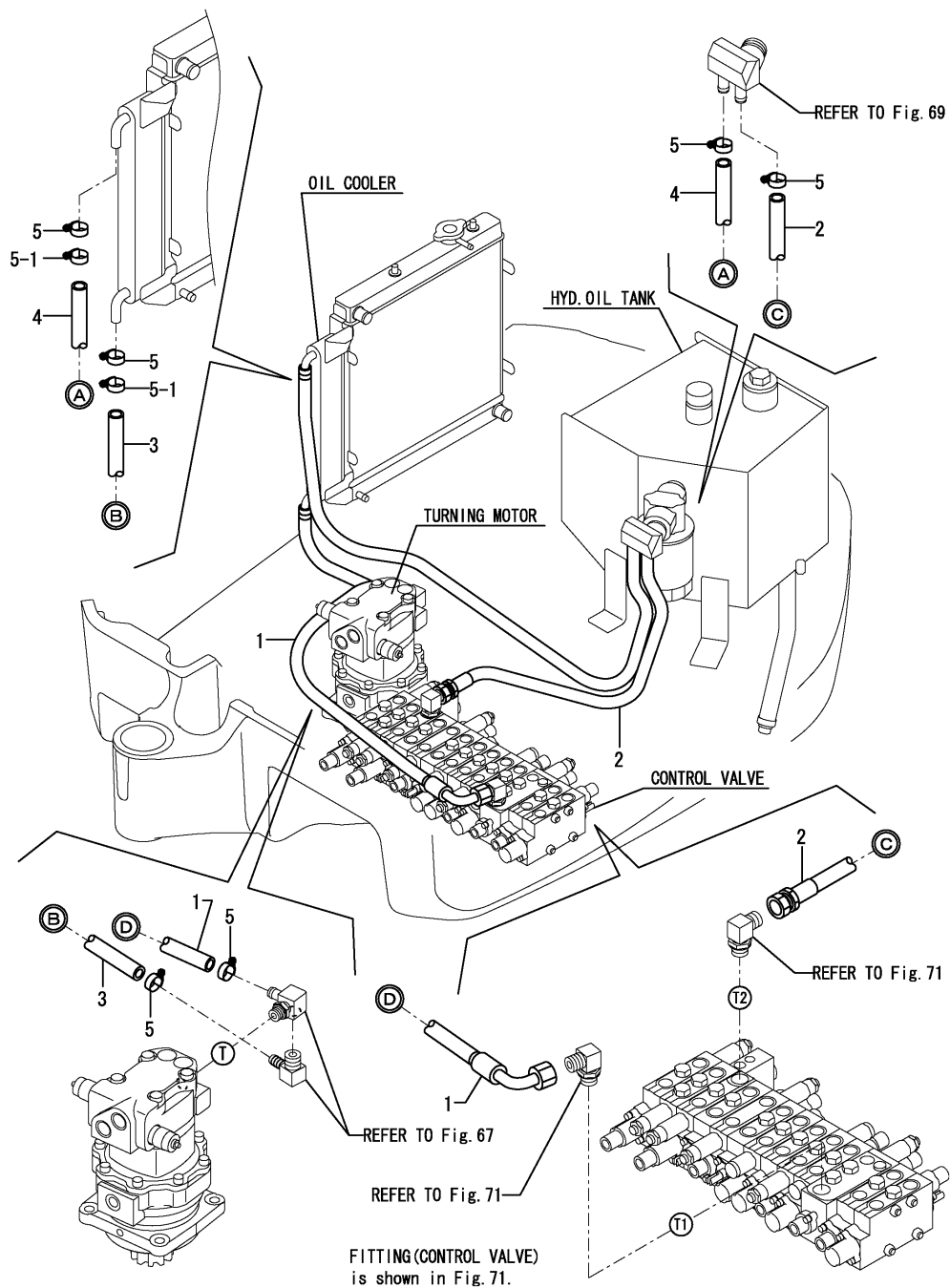
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172A64-78330	HOSE	1						
2	1	172A64-78340	HOSE	1						

Fig.69. HYD.OIL PIPING(RESERVER)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-76120	JOINT	1							
2	1	172A64-76140	BLOCK, DRAIN	1							
3	1	26013-080202	BOLT, M8X 20	2							
4	1	23393-030000	JOINT, 90RG1-3/8	1							
5	1	172A64-78231	HOSE	1							
6	1	23001-016000	CLAMP, HOSE 16	2							

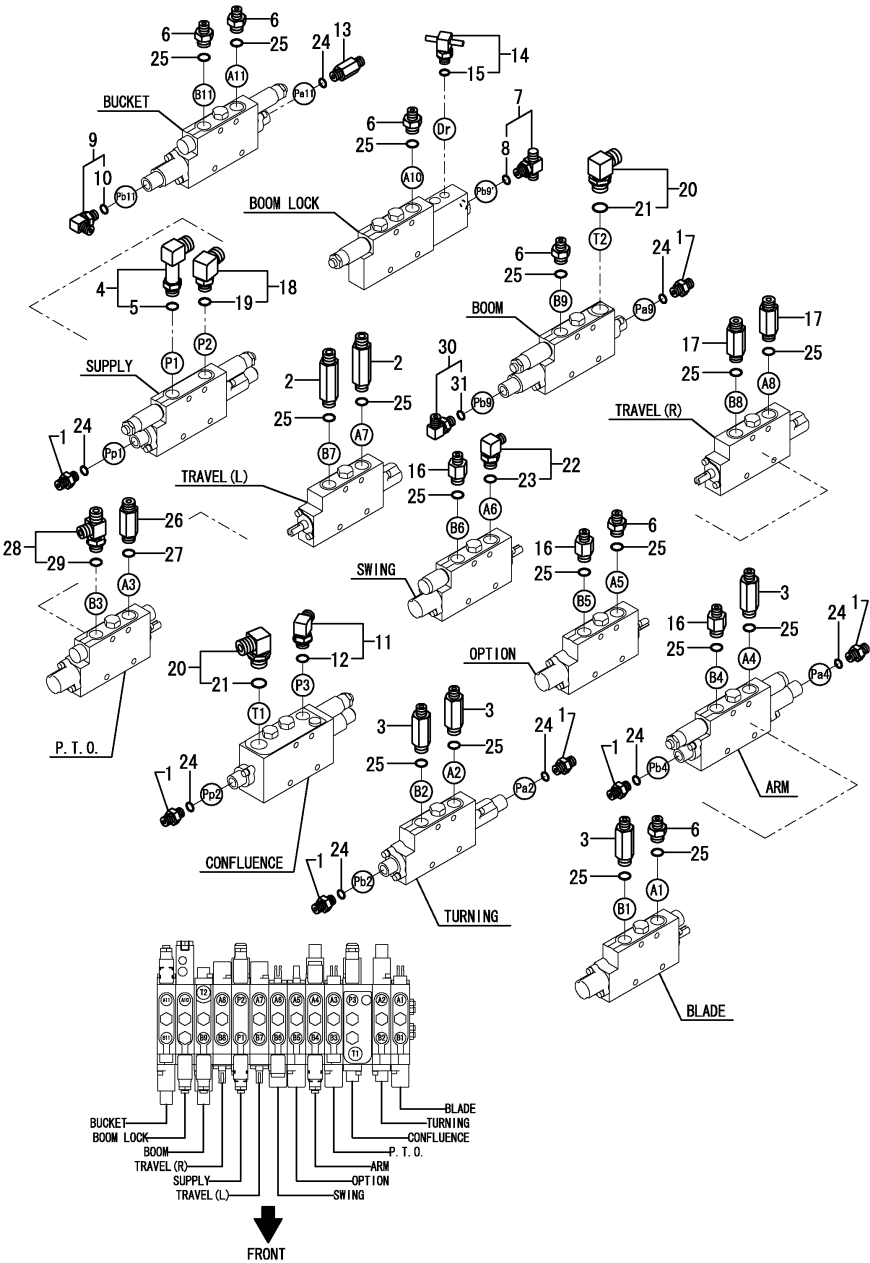
Fig.70. HYD.OIL PIPING(RETURN)



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A64-78161	HOSE	1							
2	1	172A64-78170	HOSE	1							
3	1	172A64-78191	HOSE	1							
4	1	172A64-78200	HOSE	1							
5	1	23001-016000	CLAMP, HOSE 16	6							
5-1	1	23001-016000	CLAMP, HOSE 16	8							K

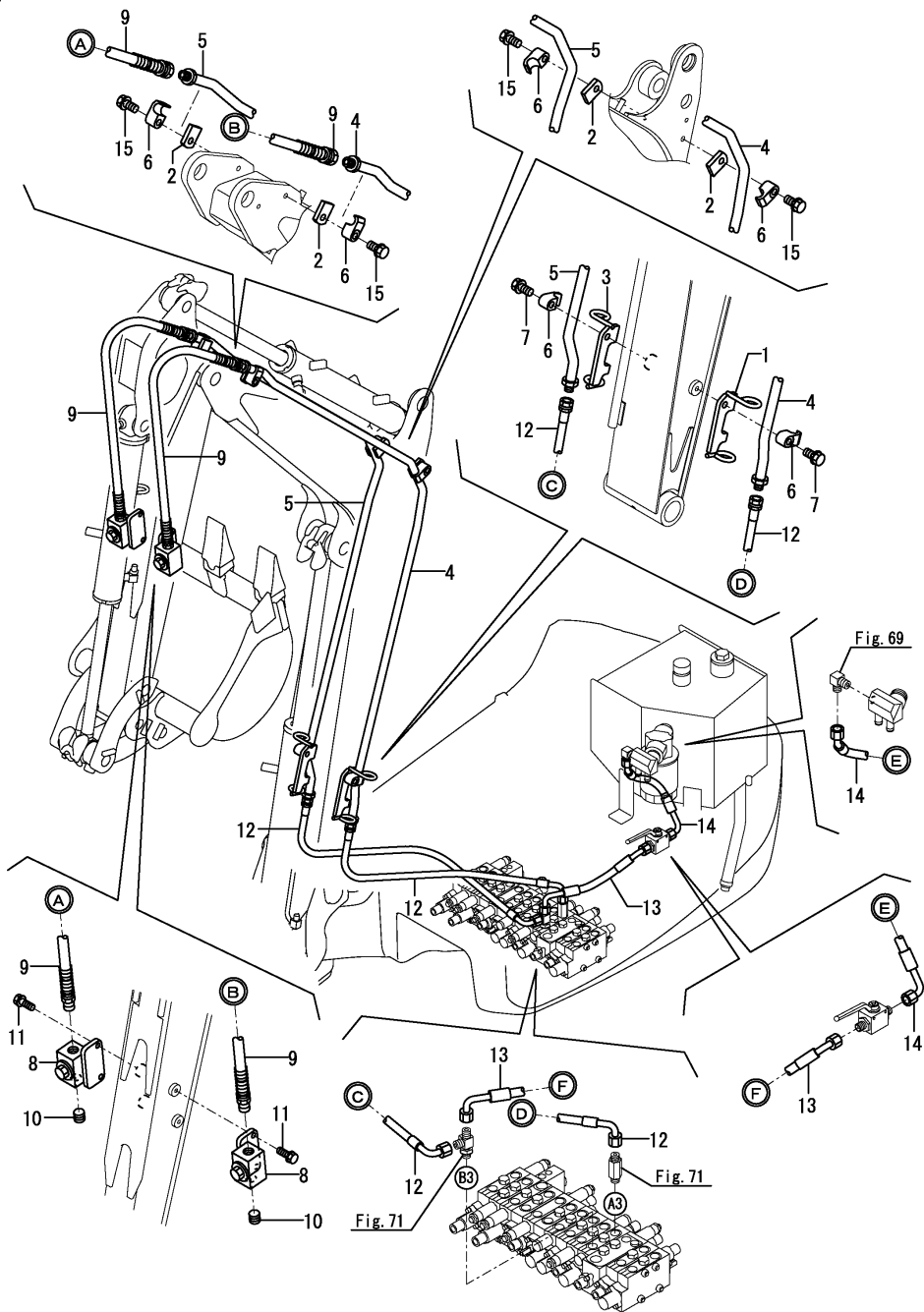
(A=M/#XXXXX)

Fig.71. HYD.OIL PIPING(CONTROL VALVE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	7							
2	1	172162-76131	ADAPTER	2							
3	1	172422-76130	CONNECTOR	4							
4	1	172A64-76160	ELBOW ASSY	1							
5	2	24315-000140	O-RING, 1BP14.0	1							
6	1	172124-76160	CONNECTOR	6							
7	1	172187-76170	TEE, ADJUSTABLE	1							
8	2	24315-000110	O-RING, 1BP11.0	1							
9	1	172141-76181	CONNECTOR ASSY, 02FF	1							
10	2	41851-000110	O-RING	1							
11	1	172142-76181	JOINT ASSY	1							
12	2	24315-000140	O-RING, 1BP14.0	1							
13	1	172183-76200	CONNECTOR	1							
14	1	172A47-76230	NIPPLE, TEE	1							
15	2	24315-000110	O-RING, 1BP11.0	1							
16	1	172147-76260	CONNECTOR, 3/8X1/4	3							
17	1	172116-76381	ADAPTER, 64	2							
18	1	172645-76570	CONNECTOR ASSY	1							
19	2	24315-000140	O-RING, 1BP14.0	1							
20	1	172141-76900	CONNECTOR ASSY	2							
21	2	24315-000180	O-RING, 1BP18.0	2							
22	1	172141-76920	CONNECTOR ASSY	1							
23	2	24315-000140	O-RING, 1BP14.0	1							
24	1	24315-000110	O-RING, 1BP11.0	8							
25	1	24315-000140	O-RING, 1BP14.0	17							
26	1	172116-76381	ADAPTER, 64	1							
27	1	24315-000140	O-RING, 1BP14.0	1							
28	1	172480-76120	TEE, ADJUSTABLE	1							
29	2	24315-000140	O-RING, 1BP14.0	1							
30	1	172141-76181	CONNECTOR ASSY, 02FF	1							
30-1	1	172A47-76180	ELBOW	1						S	1
(A=M04771)											
31	2	41851-000110	O-RING	1							

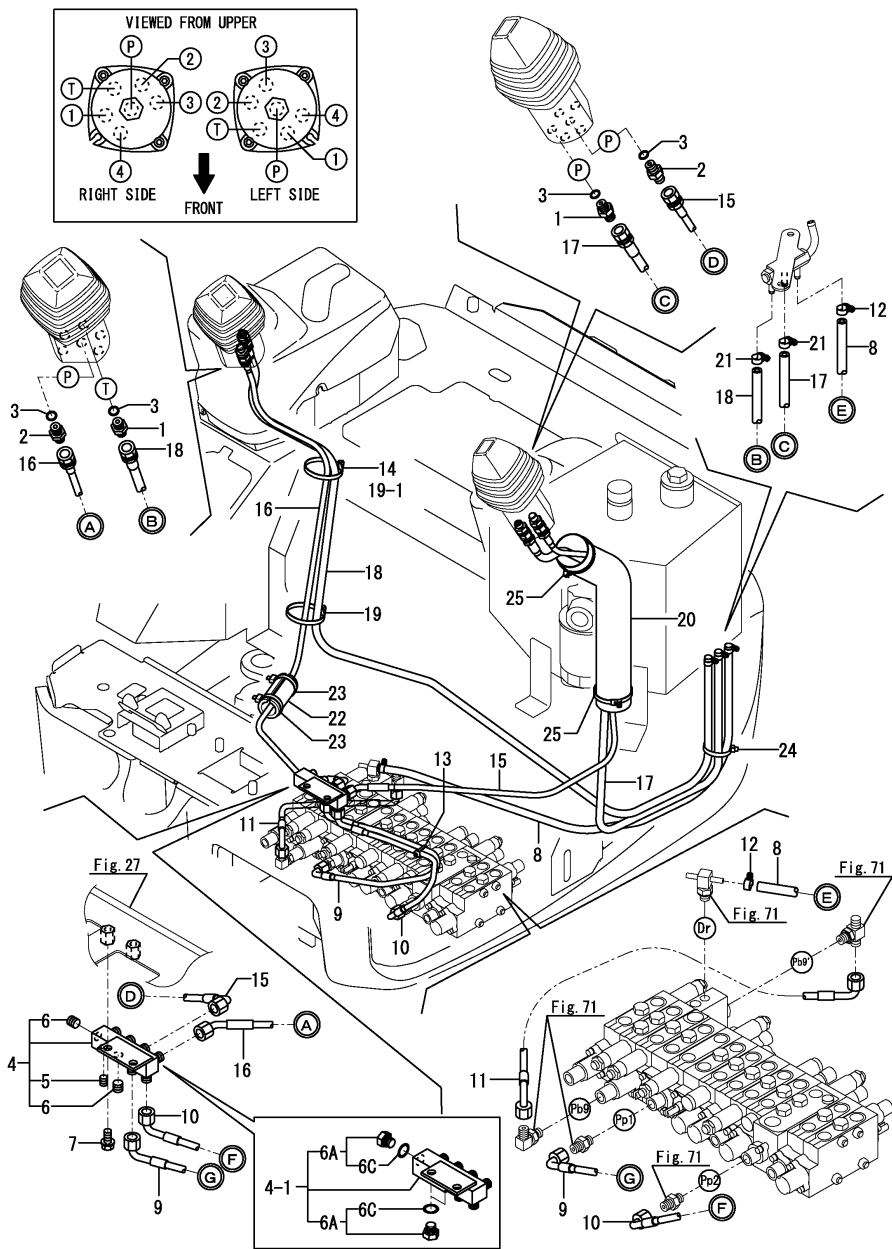
Remarks
(1)There are 0.6 carved seals on the side with the chake.



(A)=VIO17(KR)
(B)=
(C)=

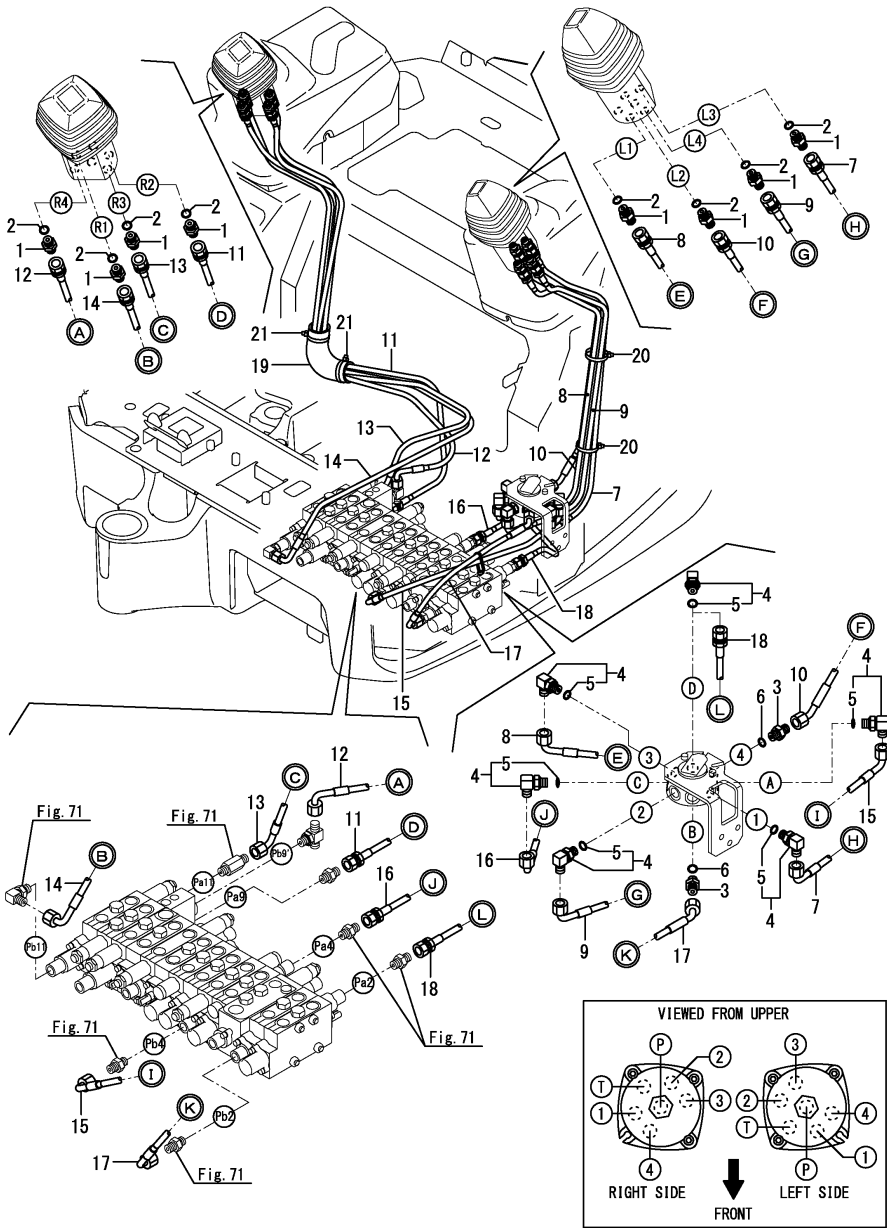
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-76250	GUIDE ASSY, HOSE	1							
2	1	172183-76250-2	PLATE, SPACER	4							
2-1	1	172183-76250-Y	PLATE	4							S
(A=M07001)											
3	1	172A64-76260	GUIDE ASSY, HOSE	1							
4	1	172A64-76600-1	TUBE ASSY, PTO	1							
4-1	1	172A64-76600-Y	TUBE ASSY, PTO	1							S
(A=M07001)											
5	1	172A64-76630-1	TUBE ASSY, PTO	1							
5-1	1	172A64-76630-Y	TUBE ASSY, PTO	1							S
(A=M07001)											
6	1	172142-76950-6	CLAMP	6							
6-1	1	172142-76950-Y	CLAMP, 1/2	6							S
(A=M07001)											
7	1	26013-120502	BOLT, SPRING M12X 50	2							
7-1	1	26014-120502	BOLT, 12 X 50	2							N
(A=M0E528)											
8	1	172183-74821-3	VALVE, STOP	2							
8-1	1	172183-74822-3	VALVE, STOP (2J)	2							N
(A=M03626)											
8-2	1	172183-74822-Y	VALVE, STOP	2							S
(A=M07001)											
8-3	1	172B11-74700	VALVE ASSY,STOP R1/2	2							N
(A=M0L088)											
9	1	172A64-78590	HOSE	2							
10	1	23871-040000	PLUG, R04	2							
11	1	26013-100252	BOLT, SPRING M10X 25	4							
12	1	172A64-78551	HOSE	2							
13	1	172A64-78570	HOSE	1							
14	1	172A64-78580	HOSE	1							
15	1	26013-120502	BOLT, M12X 50	4							
15-1	1	26014-120552	BOLT, M12X 55	4							N
(A=M0E528)											



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER, M/M PF1/4	2							
2	1	172455-76220	CONNECTOR, PF1/4	2							
3	1	24315-000110	O-RING, 1BP11.0	4							
4	1	172A47-76310	BLOCK, PILOT	1							
4-1	1	172A47-76340	CONNECTOR ASSY,PILOT	1							S
(A=*2022.03)											
5	2	23871-010000	PLUG, R01	1							Z
(A=*2022.03)											
6	2	23871-020000	PLUG, R02	2							Z
(A=*2022.03)											
6A	2	172165-76591	PLUG, PF1/4	3							W
(A=*2022.03)											
6C	3	24319-000110	PACKING,HNBR-90 P 11	3							W
(A=*2022.03)											
7	1	26013-100162	BOLT, M10X 16	2							
8	1	172A64-78221	HOSE, G804YY077	1							
9	1	172A64-78630	HOSE, F403CC066	1							
10	1	172A64-78640	HOSE, F403CC042	1							
11	1	172A64-78700	HOSE, F403CC038	1							
11-1	1	172A64-78701	HOSE, F403CC038S	1							N
(A=M0U647)											
12	1	23000-013000	CLAMP, 13	2							
13	1	172126-11510	BAND, BINDING 300	1							
14	1	194202-56460	BAND, BINDING 200	1							Z
(A=*2016.01.)											
15	1	172A64-78671	HOSE, F403BE115	1							
16	1	172A64-78681	HOSE, F403BC117	1							
17	1	172A64-78721	HOSE, G804BY120	1							
18	1	172A64-78730	HOSE, G804BY173	1							
19	1	172122-79930	CLAMP, HOSE B	3							
19-1	1	172122-79930	CLAMP, HOSE B	2							K
(A=*2016.01.)											
20	1	172137-79950	COVER FC425 24, HOSE	1							
21	1	23000-013000	CLAMP, 13	2							
22	1	172A46-78500	HOSE, G812YY006	1							W
(A=M/# 00797)											
23	1	933168-55770	BAND, BINDING 146	2							W
(A=M/# 00797)											
24	1	172126-11510	BAND, BINDING 300	1							W
(A=*2016.01.)											
25	1	172122-79930	CLAMP, HOSE B	2							
25-1	1	172122-79890	CLAMP, HOSE 350	2							R
(A=M0U496)											

Remarks
* Fitting(control valve) is shown in Fig.71.

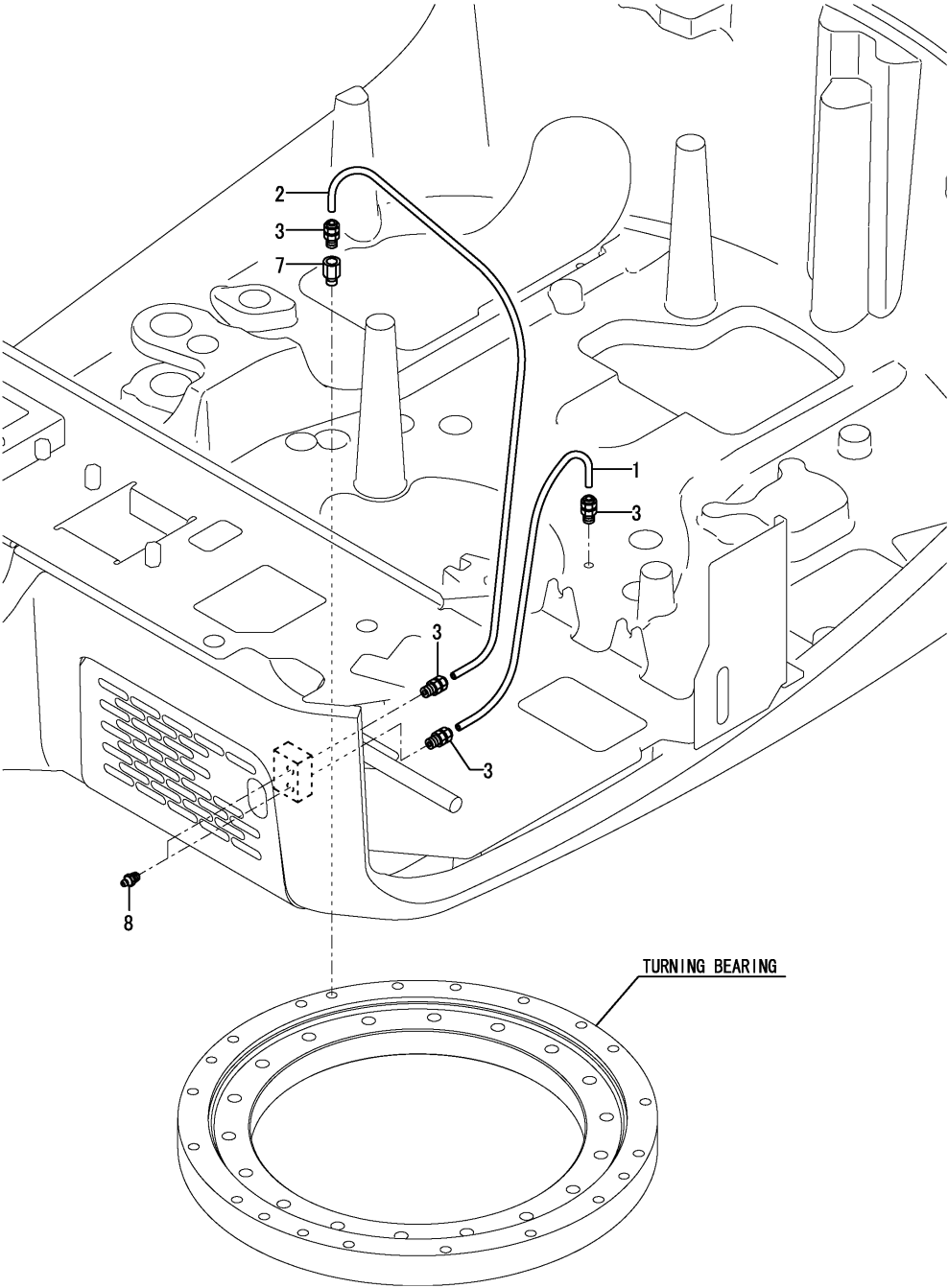


(A)=VIO17(KR)
(B)=
(C)=

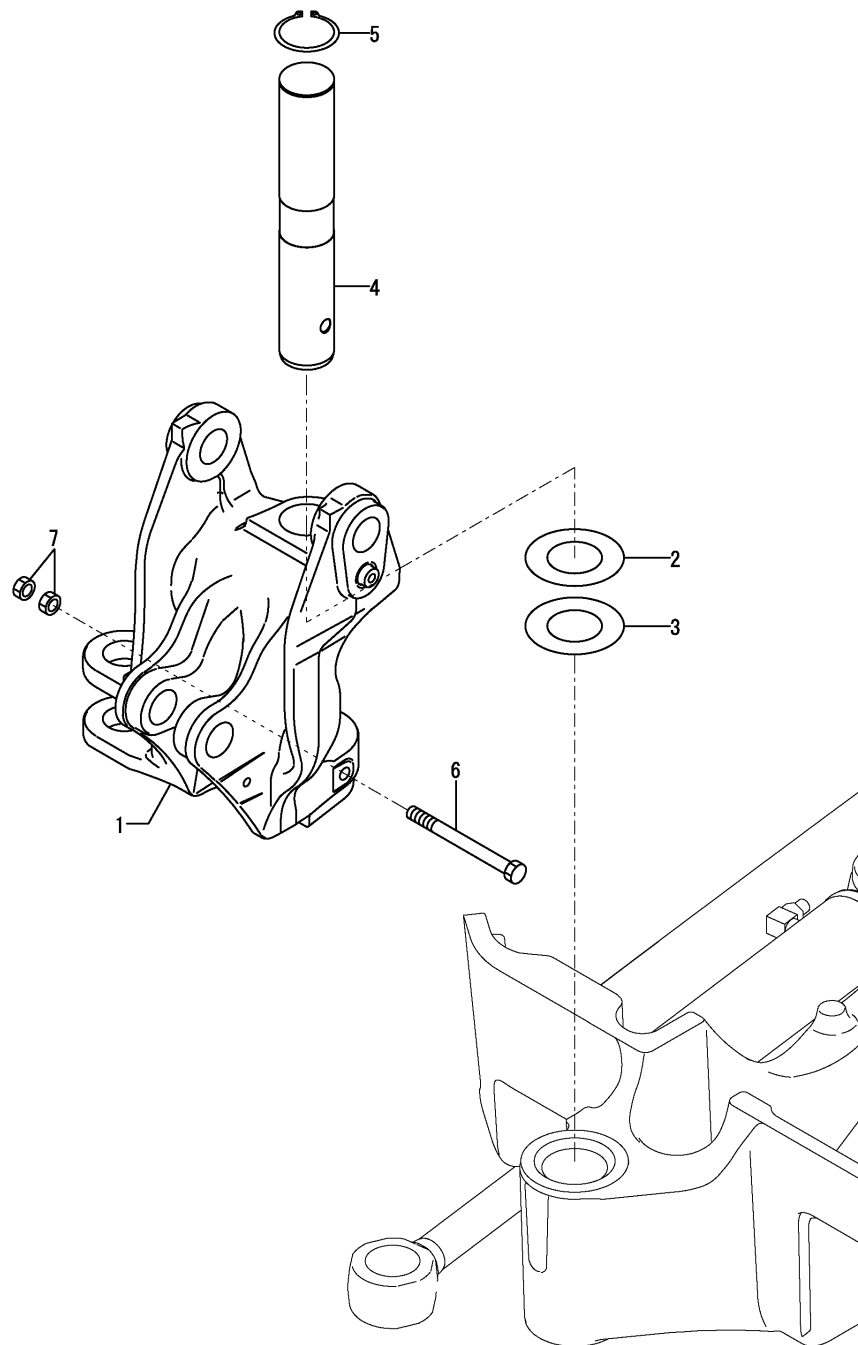
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER, M/M PF1/4	8							
2	1	24315-000110	O-RING, 1BP11.0	8							
3	1	172123-76121	ADAPTER, M/M PF1/4	2							
4	1	172141-76180	CONNECTOR ASSY, 02FF	6							
5	2	24315-000110	O-RING, 1BP11.0	6							
6	1	24315-000110	O-RING, 1BP11.0	2							
7	1	172A64-78751	HOSE, F403BC085	1							
8	1	172A64-78761	HOSE, F403BC091	1							
9	1	172A64-78771	HOSE, F403BC091	1							
10	1	172A64-78781	HOSE F403BE073	1							
11	1	172A64-78790	HOSE, F403BB120	1							
12	1	172A64-78800	HOSE, F403BC117	1							
13	1	172A64-78810	HOSE, F403BC125	1							
14	1	172A64-78821	HOSE, F403BC150S	1							
15	1	172A64-78830	HOSE, F403CC057	1							
16	1	172A64-78840	HOSE, F403BC031	1							
16-1	1	172A64-79180	HOSE, F403BB028	1							N
(A=M00504)											
17	1	172A64-78851	HOSE	1							
18	1	172A64-78860	HOSE, F403BB023	1							
19	1	172A64-78920	COVER, HOSE B	1							W
(A=M0B768)											
20	1	172126-11510	BAND, BINDING 300	5							W
(A=*2016.01.)											
21	1	933168-55770	BAND, BINDING 146	2							W
(A=*2016.01.)											

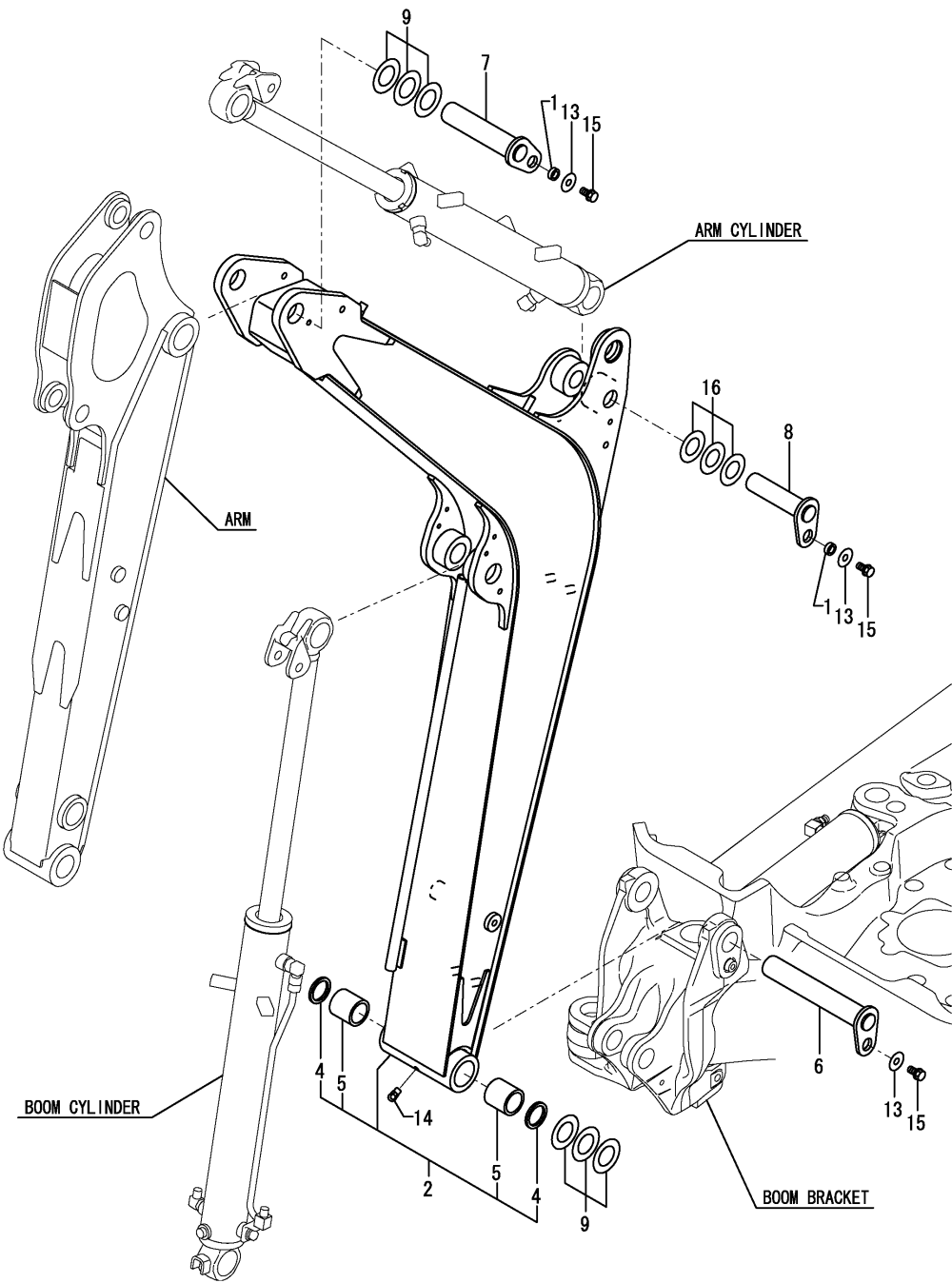
Remarks
* Fitting(control valve) is shown in Fig.71.



0CS10-M51000 Fig.75											
				(A)=VIO17(KR)	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-77800	HOSE	1							
2	1	172A64-77800	HOSE	1							
3	1	172A47-77820	JOINT, GREASE	4							
7	1	172312-77820	FITTING, GREASE	1							
8	1	24761-020000	NIPPLE, GREASE PT1/8	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82302-1	BRACKET,BOOM (2J)	1							
1-1	1	172448-82302-Y	BRACKET,BOOM	1							S
		(A=M07001)									
2	1	172165-82520	SHIM	1							
3	1	172165-82530	SHIM	1							
4	1	172A64-82641	PIN, 50X312 CMP	1							
5	1	22242-000500	RING, 50	1							
6	1	26116-121302	BOLT, M12X130 PLATED	1							
7	1	26756-120002	NUT, LOCK M12	2							



(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2							
2	1	172A64-81100-1	BOOM ASSY(YELLOW:2J)	1							
2-1	1	172A64-81100-Y	BOOM ASSY	1							S
(A=M07001)											
4	2	172448-81610	SEAL, DUST 35X45X4	2							
5	2	172141-82270	BUSH 35 45	2							
6	1	172A64-82601	PIN ASSY, 35X237	1							
7	1	172A64-82730	PIN ASSY,35X155	1							
8	1	172A64-82790	PIN ASSY, 30X121	1							
9	1	172141-84601	SHIM	2							
13	1	22157-100000	WASHER, 10	3							
14	1	24761-050000	NIPPLE, GREASE C	1							
15	1	26013-100252	BOLT, M10X 25	3							
16	1	933160-06711	SHIM ASSY	1							

(A)=VIO17(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2							
2	1	172A64-81500-1	ARM ASSY, 950	1							
2-1	1	172A64-81500-Y	ARM ASSY, 950	1						S	
(A=M07001)											
3	2	172137-81300	BUSH 30X45, PIN	4							
5	2	172448-81600	SEAL, DUST 30X40X4	4							
6	2	172448-81610	SEAL, DUST 35X45X4	2							
7	2	172141-82270	BUSH 35 45	2							
8	1	172A64-82820	PIN ASSY,30X87	2							
9	1	22157-100000	WASHER, 10	2							
10	1	24761-040000	NIPPLE, GREASE B	1							
11	1	26013-100252	BOLT, M10X 25	2							
12	1	933160-06711	SHIM ASSY	2							

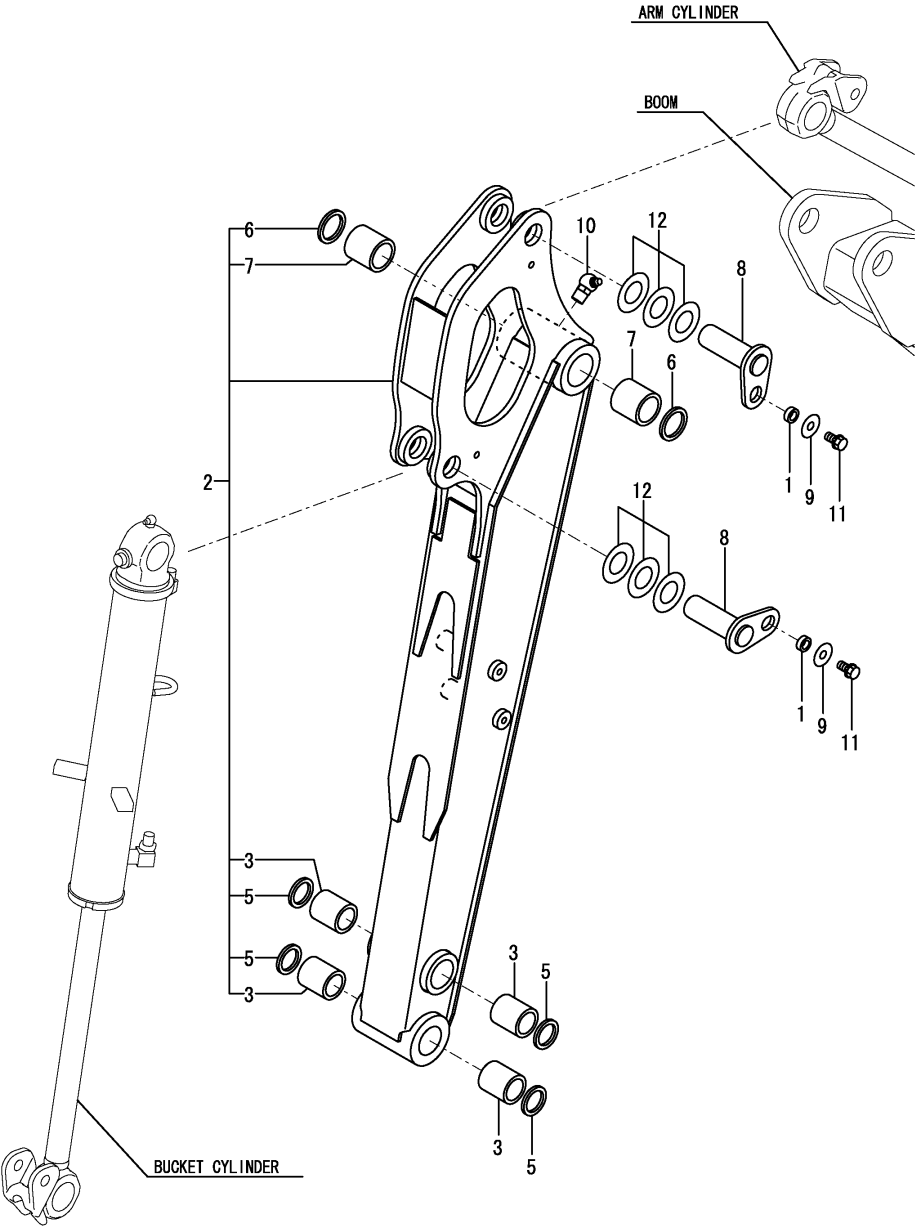
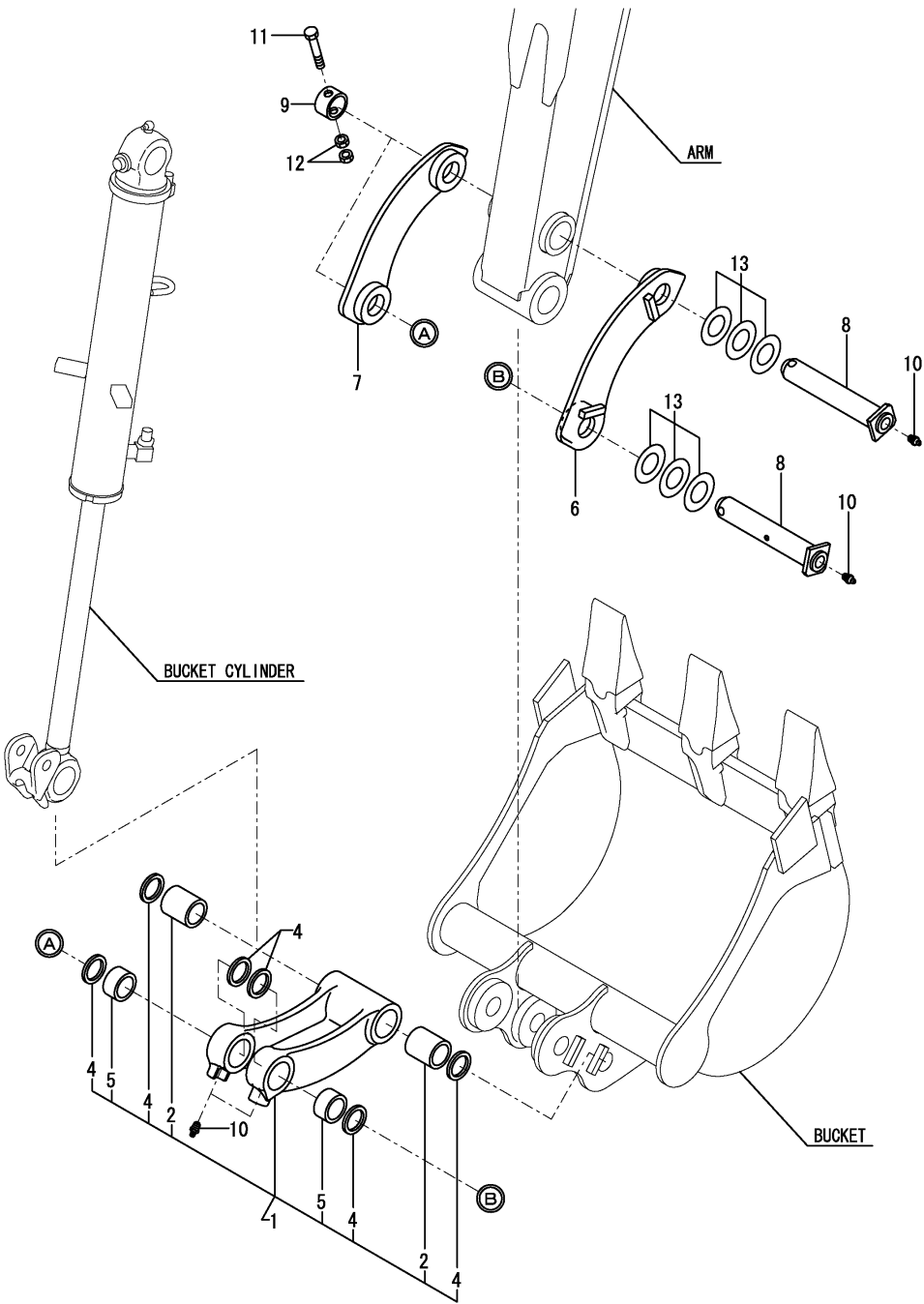
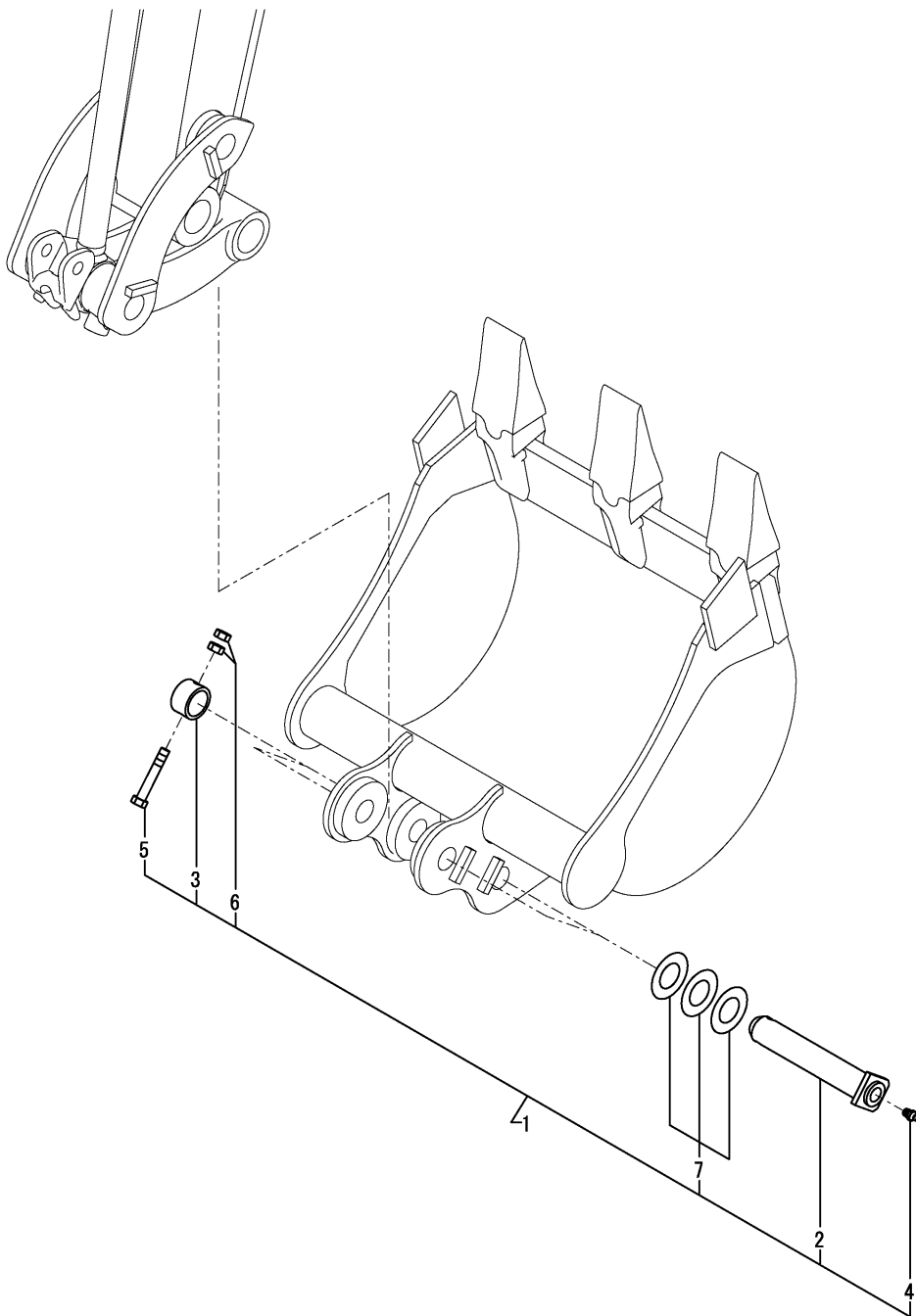


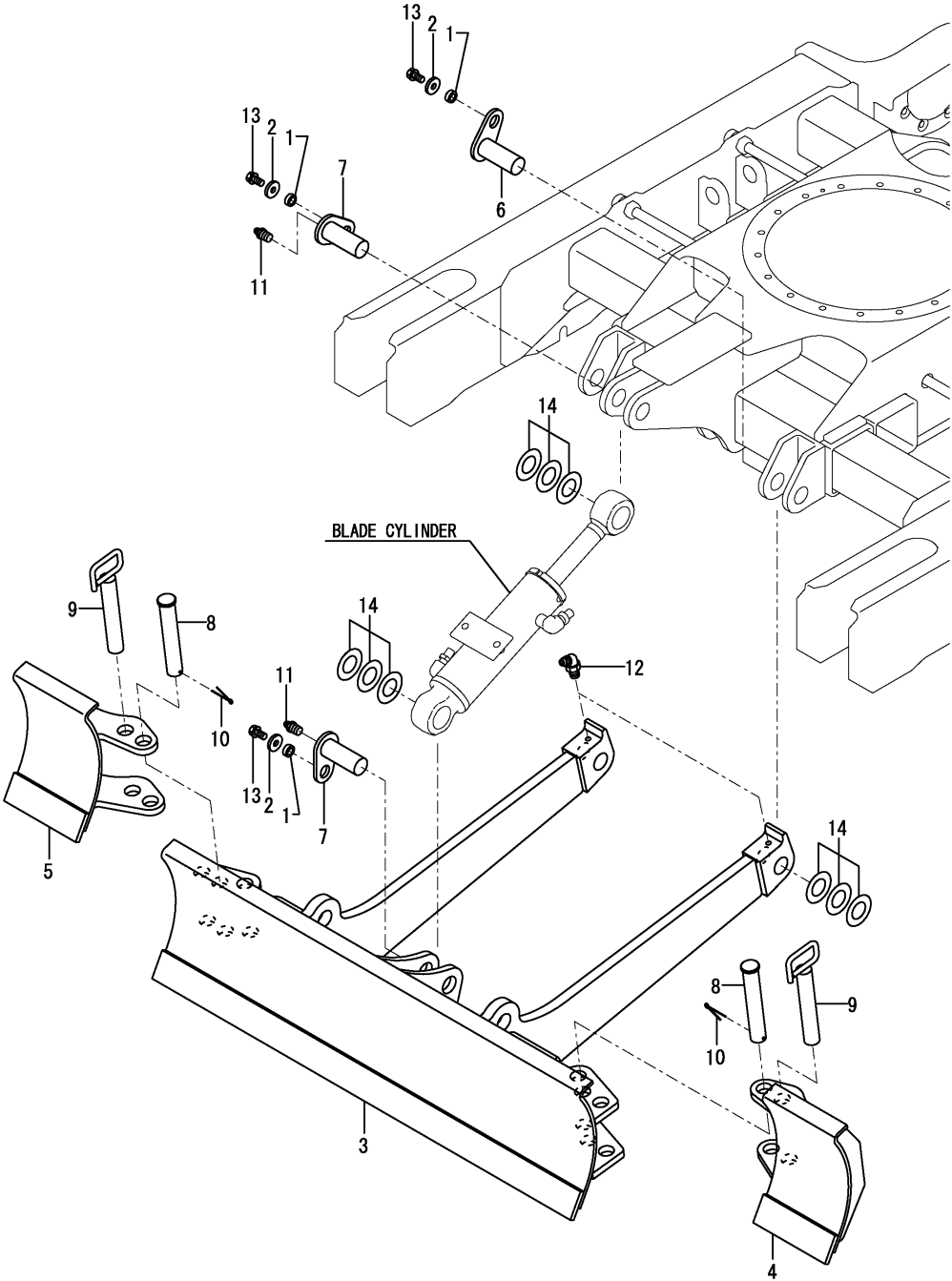
Fig.79. BUCKET ARM & LINK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-81380-1	LINK ASSY,BUCKET(2J)	1							
1-1	1	172A64-81380-Y	LINK ASSY,BUCKET	1						S	
(A=M07001)											
2	2	172137-81300	BUSH 30X45, PIN	2							
4	2	172448-81600	SEAL, DUST 30X40X4	6							
5	2	172137-84451	BUSH	2							
6	1	172A64-81410-1	ARM ASSY, BUCKET	1							
6-1	1	172A64-81411-1	ARM ASSY, BACKET	1						N	
(A=M/#XXXXXX)											
6-2	1	172A64-81411-Y	ARM ASSY, BACKET	1						S	
(A=M07001)											
7	1	172A64-81440-1	ARM ASSY, BUCKET	1							
7-1	1	172A64-81441-1	ARM ASSY, BACKET	1						N	
(A=M/#XXXXXX)											
7-2	1	172A64-81441-Y	ARM ASSY, BACKET	1						S	
(A=M07001)											
8	1	172A64-82850	PIN ASSY,30X159	2							
9	1	172A64-82880	COLLAR	2							
10	1	24761-020000	NIPPLE, GREASE PT1/8	4							
11	1	26116-100552	BOLT, M10X 55 PLATED	2							
12	1	26716-100002	NUT, M10	4							
13	1	933160-06711	SHIM ASSY	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A55-99451	PIN ASSY	2							
2	2	172A64-82850	PIN ASSY,30X159	2							
3	2	172A64-82880	COLLAR	2							
4	2	24761-020000	NIPPLE, GREASE PT1/8	2							
5	2	26116-100602	BOLT, M10X 60 PLATED	2							
6	2	26716-100002	NUT, M10	4							
7	2	933160-06711	SHIM ASSY	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	4							
2	1	172110-36010	COLLAR	4							
3	1	172A64-94100	BLADE ASSY (GRAY:49)	1							
4	1	172A64-94250	BLADE ASSY,SIDE L(49)	1							
5	1	172A64-94260	BLADE ASSY,SIDE R(49)	1							
6	1	172A64-94350	PIN ASSY,30X76 A	2							
7	1	172A64-94370	PIN ASSY,30X76 B	2							
8	1	172448-94700	PIN 25X143	2							
9	1	172448-94710	PIN 25	2							
10	1	22417-400400	PIN, COTTER 4.0X40	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	933160-06711	SHIM ASSY	4							

Fig.82. SEIVEL JOINT EXCHANGE KIT

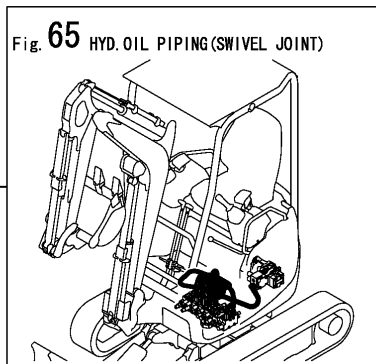
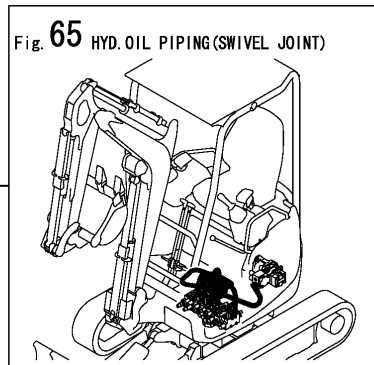
172A64-08400
SWIVEL JOINT EXCHANGE KIT[illegible]

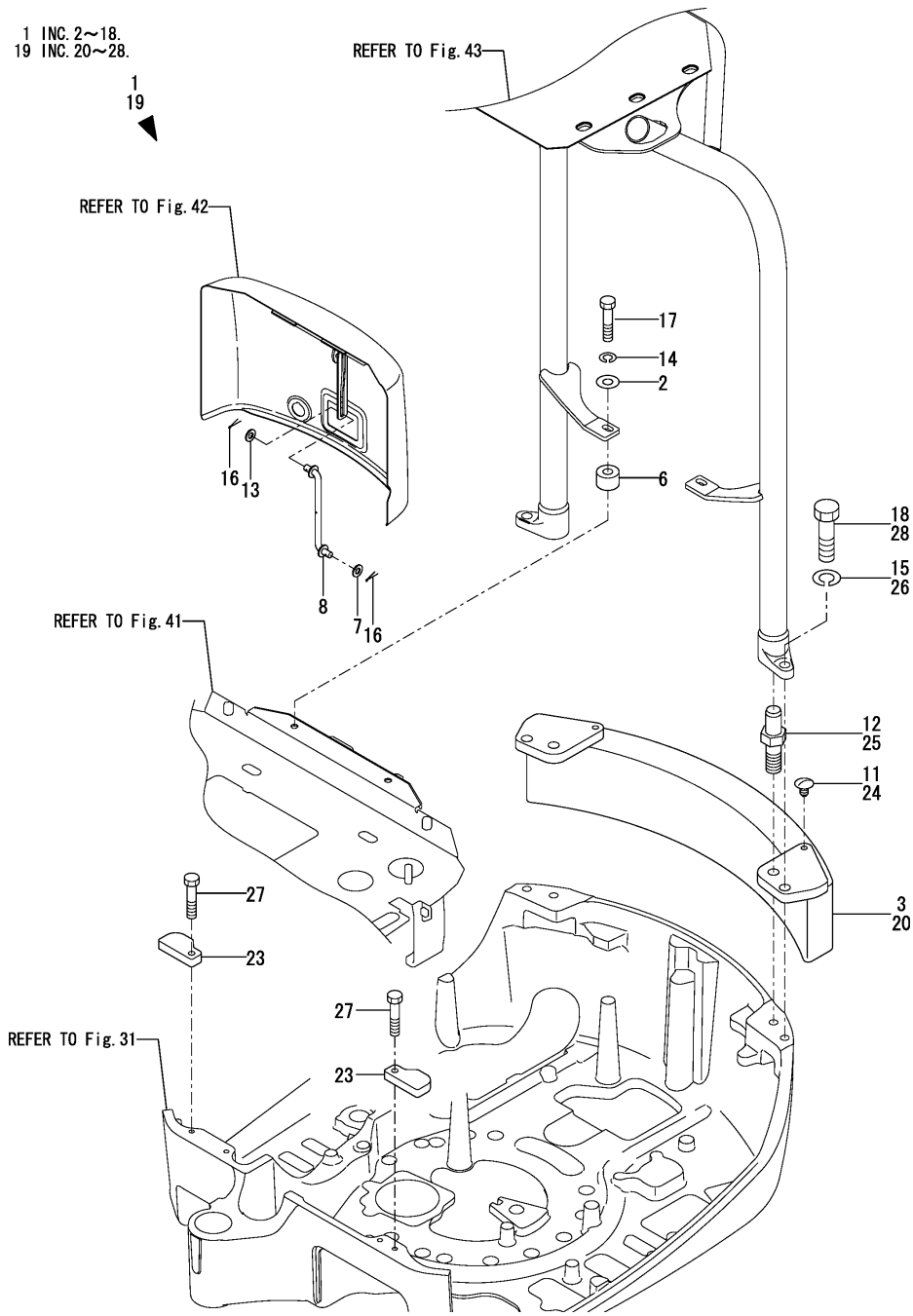
Fig.83. SEIVEL JOINT HOSE EXCHANGE KIT



172A64-08450
SWIVEL JOINT HOSE EXCHANGE KIT

[illegible]

Fig.84. WEIGHT KIT(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08600 (A=M/# 01769)	WEIGHT KIT	1							W
2	2	172730-05250	WASHER 12	2							
3	2	172A64-53400	WEIGHT ASSY	1							
6	2	172A64-53450	SPACER	2							
7	2	1A1380-62160	WASHER	1							
8	2	172A64-65300	ROD ASSY,STOPPER	1							
11	2	172176-68210	CLIP, TREE	2							
12	2	172A64-68290	JOINT, 21-M20X48	2							
13	2	22137-080000	WASHER, 8	1							
14	2	22217-120000	WASHER, SPRING 12	2							
15	2	22217-200000	WASHER, SPRING 20	2							
16	2	22417-200200	PIN, COTTER 2.0X20	2							
17	2	26076-120552	BOLT, 10.912X 55	2							
18	2	26076-200702	BOLT, 10.920X 70	2							
19	1	172A64-08610 (A=M/# 01769)	WEIGHT KIT	1							W
20	2	172A64-53400	WEIGHT ASSY	1							
23	2	172A64-53460	SPACER	2							
24	2	172176-68210	CLIP, TREE	2							
25	2	172A64-68290	JOINT, 21-M20X48	2							
26	2	22217-200000	WASHER, SPRING 20	2							
27	2	26076-120552	BOLT, 10.912X 55	2							
28	2	26076-200702	BOLT, 10.920X 70	2							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	9	36
102103-55520	9	20
		31
104200-55321	9	27
104200-55330	9	17
		28
104200-55341	9	29
104200-55750	9	24
		37
105027-12580	4	6
105425-01690	6	1
106990-44660	8	18 -1
110250-55610	9	21
		32
119247-77100	12	13
119258-12530	4	3
119650-77910	12	15
119653-77710	12	14
119655-12560	4	5
119808-12540	4	4
119810-55340	9	18
119810-55650	9	23
119813-44510	7	28
119833-55620	9	16
121250-49121	7	7
121250-55620	9	22
121254-55510	9	19
121256-44600	7	30
121257-55720	9	33
121257-55731	9	34
124064-55510	9	30
124450-44550	7	29
124701-11911	3	6
124766-59050	7	31
	8	18
	9	41
124970-77920	12	32
129211-77920	12	18
129335-55700	9	26
129612-52100	9	15
158802-85040	42	20
158842-86360	42	44
158842-86610	42	45
158842-86620	42	46
168PA0-29010	42	12
168PA0-29020	42	16
168PA0-86010	42	21
168PA0-86020	42	22
168PA0-86030	42	23
168PA0-86050	42	24

Parts No.	Fig. No.	Ref. No.
168PA0-86060	42	25
168PA0-86140	42	26
168PA0-86210	42	35
168PA0-86290	42	36
168PA0-86330	42	42
168PA0-86340	42	43
168PA0-86650	42	47
168PA0-86720	42	48
168PA0-86730	42	49
168PA0-86740	42	50
168PA0-86750	42	51
168PA0-86760	42	52
168PA0-86830	42	53
168PA0-87010	42	54
168PA0-87020	42	55
171081-55910	9	38
172010-01640	43	1
	77	1
	78	1
	81	1
172068-28490	26	2
172110-36010	81	2
172112-16650	11	5
172112-77361	63	5
	95	4
172113-12522	5	6
172116-75850-B	62	13
172116-76381	71	17
		26
172117-83970-7	46	32
172122-17190	15	13
	38	1
	39	2
	41	3
	98	10
	105	3
172122-37844	16	16
172122-46590	20	14
172122-79890	73	25 -1
172122-79920	66	11
172122-79930	73	19
		19 -1
		25
172123-76121	71	1
	73	1
	74	1
		3
	95	3
172124-46200	19	3
	20	12

Parts No.	Fig. No.	Ref. No.
172124-46340	20	13
172124-76100	63	2
	95	2
172124-76160	67	2
	71	6
172125-03951	1	41
	96	39
	102	41
	103	39
	108	48
	109	24
172126-11510	66	13
	73	13
		24
	74	20
172126-16540	8	24
172131-76130	67	1
172137-16560	9	13
		14
	95	11
172137-37850	16	23
172137-46042	43	2
	44	1
	45	1
172137-70490	50	2
172137-70570	50	3
172137-70580	50	4
172137-70590	50	5
172137-70600	50	6
172137-79950	73	20
172137-81300	78	3
	79	2
172137-84451	79	5
172141-41340	20	1
172141-41360	22	3
	24	6
	25	3
	26	9
	39	3
172141-41370	19	2
	20	3
		6
172141-64370	38	9
172141-72250	44	12
	46	7
172141-76180	43	35
	44	29
	45	29
	63	3
	67	3

Parts No.	Fig. No.	Ref. No.
172141-76180	74	4
172141-76181	43	35 -1
	44	29 -1
	45	29 -1
	71	9
		30
172141-76900	71	20
172141-76920	71	22
	95	19
172141-77260	50	29
172141-82270	77	5
	78	7
172141-84601	43	46
	77	9
172142-72560	46	17
172142-73800	51	4
172142-76181	71	11
172142-76950-6	72	6
172142-76950-Y	72	6 -1
172146-82910	46	31
172147-76180	65	1
		2
172147-76260	71	16
172148-73350	50	7
172148-73870	51	6
172149-57610	29	15
172149-72241	43	29
172149-72242	43	29 -1
172149-72440	44	15
		22
	45	17
	47	12
		17
172149-72680	45	22
172151-62240	13	7
172151-73400	60	3
172151-73420	60	4
172151-73450	60	5
172156-17401	14	3
172156-17420	14	4
172156-64420	38	10
172156-78510	33	3
172156-78520	33	4
172157-03170	1	9
172157-45990	24	10
	26	14
172157-73910	51	13
172162-14200	8	13
172162-46690	19	7
	25	6

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172162-76131	71	2
172162-76320	65	3
172164-45951	20	10
172164-45961	20	11
172164-45970	22	5
172164-66170	34	14
	40	12
	106	13
172165-45970	18	2
172165-46340	24	11
	26	15
172165-47550	19	9
172165-76590	95	18
172165-76591	73	6 A
172165-82520	76	2
172165-82530	76	3
172165-82580	46	26
172165-82590	46	27
172165-82600	46	28
172168-72410	46	14
172168-73370	49	5
172168-73590	50	14
172171-14610	8	17
172171-54750	29	5
172173-72550	44	28
	45	25
	48	14
172173-73520	50	8
172173-73690	50	16
172173-73700	50	17
172176-67790	34	7
172176-68210	29	7
	84	11
		24
	107	3
172179-13211	6	7
172183-03280	1	5
	96	6
	102	5
	103	6
	108	17
172183-11400	3	3
172183-16550	12	9
172183-16580	12	3
172183-16590	12	4
172183-74821-3	72	8
172183-74822-3	72	8 -1
172183-74822-Y	72	8 -2
172183-76200	71	13
172183-76250-2	72	2

Parts No.	Fig. No.	Ref. No.
172183-76250-Y	72	2 -1
172186-13810	7	24
	9	1
172186-13820	7	25
	9	2
172186-76390	65	4
172187-17070	13	2
172187-17080	13	3
172187-17090	13	4
172187-17100	13	1
172187-17101	13	1 -1
172187-17280	37	1
172187-17320	37	5
172187-17341	37	7
172187-17350	37	8
172187-17360	37	9
172187-17371	37	10
172187-17380	37	11
172187-17470	37	15
172187-17480	37	16
172187-17560	37	17
172187-17570	37	18
172187-17760	37	1 -1
172187-17761	37	1 -2
172187-17762	37	1 -3
172187-45530	24	3
	26	6
172187-45651	24	8
	26	11
172187-45760	24	9
	26	12
172187-61421	34	1
	40	1
172187-76170	71	7
172312-77820	75	7
172422-73140	94	4
172422-73160	94	7
172422-73170	94	32
172422-73200	94	8
172422-73220	94	10
172422-73280	94	42
172422-73290	94	43
172422-73500	94	44
172422-73510	94	33
172422-73520	94	45
172422-73530	94	46
		47
172422-73540	94	48
172422-73550	94	19
		49

Parts No.	Fig. No.	Ref. No.
172422-73560	94	50
172422-73570	94	34
172422-73580	94	52
172422-73590	94	53
172422-73610	94	54
172422-73620	94	20
172422-73630	94	21
172422-73640	94	23
172422-73650	94	25
172422-73660	94	26
172422-73670	94	27
172422-76130	71	3
172437-03242	1	14
	96	45
	102	14
	103	45
	108	9
172437-03252	1	16
	2	1
	96	14
	97	2
	102	16
	103	14
	108	11
	109	4
172437-03302	1	19
	2	2
	96	17
	97	3
	102	19
	103	17
	108	19
	109	6
172437-03312	1	21
	2	3
	96	18
	97	4
	102	21
	103	18
	108	20
	109	7
172437-03322	1	22
	2	4
	96	20
	97	5
	102	22
	103	20
	108	21
	109	8
172437-03343	1	24

Parts No.	Fig. No.	Ref. No.
172437-03343	2	5
	96	22
	97	6
	102	24
	103	22
	108	24
	109	9
172437-03352	1	25
	2	6
	96	23
	97	7
	102	25
	103	23
	108	25
	109	10
172437-03361	1	26
	2	7
	96	24
	97	8
	102	26
	103	24
	108	26
	109	11
172437-03372	1	27
	2	8
	96	25
	97	9
	102	27
	103	25
	108	27
	109	12
172437-03391	1	29
	2	10
	96	27
	97	11
	102	29
	103	27
	108	29
	109	14
172437-03402	1	30
	2	11
	96	28
	97	12
	102	30
	103	28
	108	30
	109	15
172437-03422	1	32
	2	13
	96	30

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172437-03422	97	14
	102	32
	103	30
	108	32
	109	17
172437-03432	1	33
	2	14
	96	31
	97	15
	102	33
172437-03441	103	31
	108	33
	109	18
	96	41
	97	19
172437-03451	103	41
	1	43 B
	2	19
	96	42
	97	20
172437-03461	102	45
	103	42
	108	34
	109	19
	1	34
172437-03471	2	15
	96	32
	97	16
	102	34
	103	32
172437-03501	108	35
	109	20
	1	35
	2	16
	96	33
172437-03511	97	17
	102	35
	103	33
	108	36
	109	21
	1	36
	96	34
	102	36
	103	34
	108	38
	1	37
		37 -1
	96	35
	102	37
	103	35

Parts No.	Fig. No.	Ref. No.
172437-03511	108	39
	102	37 -1
	103	35 -1
	108	39 -1
	85	1
172441-44320	7	5
	7	6
	38	14
	98	1
	29	21
172444-13210	40	3
	35	11
	1	43 C
	2	20
	102	46
172444-13220	108	42
	109	22
	2	20 -1
	102	46 -1
	108	42 -1
172444-17660	109	22 -1
	1	40
	2	17
	96	38
	97	18
172446-03622	102	40
	103	38
	108	43
	109	23
	7	9
172446-03652	7	2 B
	12	11
	38	8
	38	8 -1
	51	9
172446-13330	51	12
	51	3
	62	7
	33	5
	33	5 -1
172446-13450	33	6
	33	7
	6	8
	12	6
	12	7
172446-14250	29	13
	29	13 -1
	47	20
	51	5
	55	14
172446-64200-5		
172446-64200-N		
172446-73872		
172446-73890		
172446-73900		
172446-75250		
172446-78750-2		
172446-78750-Y		
172447-13260		
172447-17140		
172447-17150		
172447-57600		
172447-57601		
172447-72860		
172447-73840		
172447-74230		

Parts No.	Fig. No.	Ref. No.
172447-74230	56	18
	89	2
	90	12
	62	8
	64	3
172447-75600	1	38
	96	36
	102	38
	103	36
	108	40
172447-76210	4	1
	4	2
	14	1
	15	5
	16	14
172448-03540	16	15
	26	4
	26	13
	29	4
	36	5
172448-11500	39	13
	42	5
	94	67
	43	32
	46	10
172448-11510		16
	94	3
	51	1
	51	2
	51	8
172448-16550	51	17
	93	19
	44	16
		23
	45	18
172448-37310		23
	47	14
		19
	78	5
	79	4
172448-37712	43	19
		23
	77	4
	78	6
	76	1
172448-37800	76	1 -1
	81	8
	81	9
	44	7
	46	2
172448-45380-1		
172448-45800-3		
172448-54120		
172448-62400		
172448-65680		
172448-71200		
172448-72270		
172448-72650		
172448-73190		
172448-73840		
172448-73851		
172448-73860		
172448-73900		
172448-81600		
172448-82302-1		
172448-82302-Y		
172448-94700		
172448-94710		
172449-72020		
172449-72040		

Parts No.	Fig. No.	Ref. No.
172449-72321	44	17
	45	12
	48	10
172449-72350	43	33
172449-72410	44	25
172449-72560	45	26
172449-72810	46	18
172449-72960	46	21
172450-73120	94	13
172450-73130	94	14
172455-14470	8	16
172455-46890	19	8
172455-61710	98	2
172455-75290	62	9
172455-75300	62	10
172455-76220	73	2
172456-13480	7	12
172456-14151	8	9
172456-14610	9	9
172456-14620	9	10
172456-74280	52	6
	86	6
	56	16
172456-74290	90	29
	52	4
172456-74440	86	3
	50	18
172456-77150	50	19
172456-77160	50	20
172456-77170	50	21
172456-77180	50	22
172456-77190	50	23
172456-77200	50	24
172456-77210	50	25
172456-77220	50	26
172456-77230	50	27
172456-77240	50	28
172456-77250	1	15
172458-03240	26	1
	96	44
	102	15
	103	44
	108	10
172458-14370	8	14
172458-16110	10	1
172458-16111	10	1 -1
172458-16140	11	3
172458-45510-1	20	9
172458-45521-1	24	2
	26	5

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-45540-1	24	4
	26	7
172458-45950	25	5
172458-46730	60	1
172458-50480-2	30	1
172458-72740	46	11
172458-73570	94	51
172458-73630	94	22
172458-73640	94	24
		55
172458-73660	94	56
172458-74130	53	2
	54	2
	55	2
		16
	56	3
	58	3
	87	14
	88	2
	89	4
		17
	90	16
	92	3
172458-74140	53	3
	54	3
	55	3
		17
	56	4
	58	4
	87	15
	88	3
	89	5
		18
	90	17
	92	4
172458-74150	52	8
	53	17
	55	4
		18
	56	20
	58	5
		15
	86	8
	87	4
	89	6
		19
	90	4
	92	5
		15
172458-74160	52	9

Parts No.	Fig. No.	Ref. No.
172458-74160	53	18
	55	5
		19
	56	21
	58	6
		16
	86	9
	87	5
	89	7
		20
	90	5
	92	6
		16
172458-74170	53	4
	54	4
	55	6
		20
	56	5
	58	7
	87	16
	88	4
	89	8
		21
	90	18
	92	7
172458-74230	52	10
	53	19
	54	16
	56	22
	57	6
	58	17
	86	10
	87	6
	88	18
	90	6
	91	5
	92	17
172458-74240	52	11
	53	20
	54	17
	56	23
	57	7
	58	18
	86	11
	87	7
	88	19
	90	7
	91	6
	92	18
172458-74250	52	12

Parts No.	Fig. No.	Ref. No.
172458-74250	53	21
	56	25
	58	19
	86	12
	87	8
	90	8
	92	19
172458-74260	52	13
	53	22
	54	18
	56	26
	57	8
	58	20
	86	13
	87	9
	88	20
	90	9
	91	7
	92	20
172458-74290	53	5
	54	5
	57	9
	87	17
	88	5
	91	8
172458-74360	53	7
	54	7
	57	10
	87	18
	88	6
	91	9
172458-74460	53	8
	54	8
	87	20
	88	8
172458-74530	54	19
	57	11
	88	21
	91	11
172458-74540	54	20
	57	12
	88	22
	91	12
172458-74550	54	21
	57	13
	88	23
	91	13
172458-74630	52	15
	53	24
	55	8

Parts No.	Fig. No.	Ref. No.
172458-74630	55	22
	56	27
	58	8
		21
	86	15
	87	10
	89	10
		23
	90	10
	92	8
		21
172458-74640	53	9
	54	9
	57	14
	87	21
	88	9
	91	14
172458-74650	56	10
	90	23
172458-74670	57	15
	91	15
172458-74720	52	18
	53	26
	54	23
	55	27
	56	30
	58	23
	86	17
	87	26
	88	14
	89	15
	90	30
	92	23
172460-16700	11	6
172462-03320	1	23
	96	21
	102	23
	103	21
	108	22
172462-74340	53	15
	56	29
	87	12
	90	13
172463-03290	1	18
	96	16
	102	18
	103	16
	108	18
172472-03141	96	7
	97	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172472-03141	103	7
	108	2
	109	1
172472-03160	1	8
	96	9
	102	8
	103	9
	108	4
172472-17501	37	2
172478-65220	34	6
	35	2
		9
172480-76120	71	28
172487-76200	67	5
172490-03200	1	11
	96	40
	102	11
	103	40
	108	6
172490-74310	56	7
	90	20
172490-74320	56	8
	90	21
172490-74330	56	9
	90	22
172496-03250	1	17
	96	43
	102	17
	103	43
	108	14
172498-12250	5	5
172499-03270	1	43 A
	2	18
	102	44
	108	15
	109	5
172519-03150	1	7
	96	8
	102	7
	103	8
	108	3
172519-63240	37	21
	85	4
		5
172524-17330	13	6 -1
172527-17101	13	1 -2
172614-16520	24	23
172638-06710	7	17
172638-72200	43	25
	47	7

Parts No.	Fig. No.	Ref. No.
172638-72201	47	7 -1
172645-76570	71	18
172649-65770	40	8
	106	7
172653-73200	5	9 -1
172725-16160	10	2
172730-05250	27	1
	41	1
		2
	84	2
	105	1
		2
172730-75141	63	1
	64	1
	95	1
172958-83320	12	35
172A20-72430	43	34
172A23-72043	43	3
	44	2
	45	2
172A23-72052	43	4
	44	3
	45	3
172A23-72081	43	7
	44	5
	45	5
172A23-72951-1	43	43
172A23-72951-N	43	43 -1
172A23-73110	94	2
172A29-62900	8	8
172A36-03411	1	31
	2	12
	96	29
	97	13
	102	31
	103	29
	108	31
	109	16
172A38-03201	1	10
	96	11
	102	10
	103	11
	108	7
	109	2
172A38-03211	1	12
	96	12
	102	12
	103	12
	108	8
	109	3

Parts No.	Fig. No.	Ref. No.
172A46-45500	21	4
172A46-45510	21	5
172A46-46500-1	85	2
172A46-46530-1	85	3
172A46-46602-1	85	2 -1
172A46-46631-1	85	7
172A46-46702-1	85	3 -1
172A46-46731-1	85	6
172A46-72070	43	6
	44	4
	45	4
172A46-78500	73	22
172A47-17210	13	1 A
172A47-17211	13	1 A-1
172A47-46230	19	5
172A47-46310	19	6
172A47-46343	19	18
172A47-46344	19	18 -1
172A47-63110	37	19
172A47-63121	37	20
172A47-63610	37	19 -1
172A47-63620	37	20 -1
172A47-72840	43	56 -1
	44	36 -1
	45	38 -1
172A47-74360	57	4 -1
	91	10
172A47-75450	52	17 -1
	86	18
172A47-76180	71	30 -1
172A47-76230	71	14
172A47-76310	73	4
172A47-76340	73	4 -1
172A47-77800	75	1
172A47-77820	75	3
172A54-64100	38	2
172A54-64110	38	3
172A54-64120	38	4
172A55-03310	1	20
172A55-03590	1	39
172A55-03591	1	39 -1
	96	37
	102	39
	103	37
	108	41
172A55-13700	6	9
172A55-99451	80	1
172A64-03050	1	47
	96	46
172A64-03120	1	6

Parts No.	Fig. No.	Ref. No.
172A64-03130	1	2
172A64-03140	1	3
172A64-03150	1	4
	96	2
172A64-03180	1	43
	96	10
	102	43
	103	10
	108	5
172A64-03211	1	13
	96	13
	103	13
172A64-03230	1	2 -1
	96	3
172A64-03240	1	3 -1
	96	4
172A64-03270	1	42
	96	15
	102	42
	103	15
	108	16
172A64-03310	1	13 -1
	102	13
172A64-03320	108	23
172A64-03380	1	28
	2	9
	96	26
	97	10
	102	28
	103	26
	108	28
	109	13
172A64-03400	102	47
	103	47
	108	50
172A64-03470	102	2
	103	4
	108	37
172A64-03700	1	9 -1
	96	5
	102	9
	103	5
	108	44
172A64-03790	103	2
	108	46
172A64-03970	102	4
172A64-08240	1	1 -1
172A64-08241	1	1 -2
172A64-08242	102	1
172A64-08250	96	1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A64-08251	103	1
172A64-08260	108	1
172A64-08340	1	1
172A64-08400	82	1
172A64-08450	83	1
172A64-08600	84	1
172A64-08610	84	19
172A64-11310	3	1
172A64-11311	3	1 -1
172A64-11330	3	4
172A64-11340	3	5
172A64-11520	4	7
172A64-11530	4	8
172A64-12100	5	1
172A64-12140	5	2
172A64-12180	5	3
172A64-12181	5	3 -1
172A64-12200	5	4
172A64-13100	6	2
172A64-13110	6	3
172A64-13120	6	4
172A64-13150	6	5
172A64-13160	6	6
172A64-13190	7	1
172A64-13210	7	2 A
172A64-13220	7	2 C
172A64-13230	7	2 D
172A64-13310	7	3
172A64-13320	7	4
172A64-13360	7	10
172A64-13400	7	13
172A64-13510	7	14
172A64-13520	7	15
172A64-13680	7	18
172A64-13700	7	16
172A64-13760	7	20
172A64-13770	7	21
172A64-13780	7	22
172A64-13790	7	23
172A64-14110	8	1
172A64-14200	8	10
172A64-14230	8	12
172A64-14250	9	5
172A64-14260	9	6
172A64-14410	8	15
172A64-16101	11	1
172A64-16120	11	3 -1
172A64-16131	11	15
172A64-16501	11	4
172A64-16502	11	4 -1

Parts No.	Fig. No.	Ref. No.
172A64-16530	12	1 -2
172A64-16551	12	1
172A64-16552	12	1 -1
172A64-17120	12	10
172A64-17121	12	10 -1
172A64-17210-1	14	2
172A64-17210-Y	14	2 -1
172A64-17250	13	7 -1
172A64-29100	15	1
172A64-37010	16	1 -1
172A64-37020	16	2 -1
172A64-37100	16	3
172A64-37120	16	4
172A64-37130	16	5
172A64-37140	16	6
172A64-37150	16	3 -1
172A64-37200	16	1
172A64-37210	16	2
172A64-37400	101	1
172A64-37401	101	1 -1
172A64-37420	101	3
172A64-37500	15	11
172A64-37720	16	5 -1
172A64-37730	16	6 -1
172A64-37850	15	11 -1
172A64-38600	17	1
172A64-38601	17	1 -1
172A64-38602	17	1 -2
172A64-45010	21	1
172A64-45040	21	2
172A64-45070	21	3
172A64-45100	20	2
172A64-45101	20	2 -1
172A64-45130	20	5
172A64-45131	20	5 -1
172A64-45200	20	8
172A64-45280	24	1
172A64-45290	26	3
172A64-45420	27	2
172A64-45421	27	2 -1
172A64-45422	27	2 -2
172A64-45580	27	3
172A64-45600	61	1
172A64-45650	24	5
	26	8
172A64-45690	22	1
172A64-45700	22	2
172A64-45800	23	2
172A64-45840	23	3
172A64-45850	23	4

Parts No.	Fig. No.	Ref. No.
172A64-45900	25	2
172A64-46100	19	1
172A64-46101	19	1 -1
172A64-46150	19	21
	39	17
172A64-46210	19	4
172A64-46210-N	19	4 -1
172A64-46450	18	3
172A64-46451	18	3 -1
172A64-46470	18	4
172A64-50200	28	1
172A64-50201	28	1 -1
172A64-50400	28	2
172A64-50401	28	2 -1
172A64-50402	28	2 -2
172A64-50410	28	3
172A64-50411	28	3 -1
172A64-50412	28	3 -2
172A64-50700	28	4
172A64-50701	28	4 -1
172A64-50720	48	1
172A64-50730	48	2
172A64-50770	48	3
172A64-53300	29	1
172A64-53400	84	3
		20
172A64-53450	84	6
	105	4
172A64-53460	84	23
172A64-53510	107	1
172A64-53511	107	1 -1
172A64-53520	107	8
172A64-54100	29	2
172A64-54150	100	1
172A64-54230	29	6
172A64-57620	29	13 A
172A64-57630	29	13 B
172A64-61100-1	32	1
172A64-61100-Y	32	1 -1
172A64-61260	35	8
172A64-61260-Y	35	8 -1
172A64-61310	31	1
172A64-61340	31	2
172A64-61350	31	3
172A64-61360	31	4
172A64-61400-1	35	1
172A64-61400-Y	35	1 -1
172A64-61401-Y	35	1 -2
172A64-61450	35	3
172A64-61460	35	4

Parts No.	Fig. No.	Ref. No.
172A64-61470	35	10
172A64-61490	35	4 A
172A64-61500	30	2
172A64-61510	30	3
172A64-61520	30	4
172A64-61550-1	33	1
172A64-61550-Y	33	1 -1
172A64-61610	34	2
172A64-61610-N	34	2 -1
172A64-61630	34	3
172A64-61630-N	34	3 -1
172A64-61660	34	4
172A64-61660-N	34	4 -1
172A64-61700	34	8
172A64-61700-N	34	8 -1
172A64-61710	34	9
172A64-61710-N	34	9 -1
172A64-61820	34	10
172A64-61850	34	11
172A64-61850-N	34	11 -1
172A64-62100	36	1
172A64-62120	36	3
172A64-62130	36	4
172A64-62270	36	6
172A64-64010	38	2 -1
172A64-64011	38	2 -2
172A64-64012	38	2 -3
172A64-64020	38	2 A
172A64-64030	38	2 B
172A64-64040	104	2
172A64-64050	38	2 C
172A64-64060	104	3
172A64-64070	98	3
	104	1
172A64-64071	98	3 -1
	104	1 -1
172A64-64080	104	4
172A64-64090	104	5
172A64-64100	38	5
172A64-64100-N	38	5 -1
172A64-64120	38	7
	98	5
172A64-64200	39	1
172A64-64201	39	1 -1
172A64-64202	39	1 -2
172A64-64202-N	39	1 -3
172A64-64710	39	11
172A64-64710-N	39	11 -1
172A64-64730	39	12
172A64-64730-N	39	12 -1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A64-64800	99	5
172A64-64800-N	99	5 -1
172A64-64850	98	4
172A64-64850-N	98	4 -1
172A64-64910	39	5
		8 -1
172A64-64920	39	6
172A64-64930	39	7
172A64-64940	39	8
172A64-64950	39	9
172A64-64960	39	10
172A64-64970	98	7
172A64-65100-1	40	4
172A64-65160	40	6
	106	4
172A64-65170	40	7
	106	5
172A64-65180	40	9
	106	9
172A64-65200	40	10
172A64-65200-1	106	10
172A64-65250	40	11
	106	11
172A64-65300	84	8
	106	12
172A64-65600	40	4 -3
	106	3
172A64-66280	100	9
172A64-66290	100	9 -1
172A64-66290-N	100	9 -2
172A64-67000	41	5 -1
	105	5
172A64-68110	41	4
172A64-68111	41	4 -1
	105	6
172A64-68111-N	41	4 -2
172A64-68200	41	5
172A64-68250	41	6
	100	2
172A64-68290	84	12
		25
	105	7
	107	12
172A64-70110	48	10 -1
172A64-70140	47	7 -2
172A64-70170	46	21 -1
172A64-71100	42	1
172A64-71101	42	1 -1
172A64-71210	42	2
172A64-71211	42	2 -1

Parts No.	Fig. No.	Ref. No.
172A64-71212	42	2 -2
	94	63
172A64-71300	94	64
172A64-72020	47	2
172A64-72030	43	9
172A64-72040	45	7
	48	5
172A64-72050-1	43	5
172A64-72051-1	43	5 -1
172A64-72051-N	43	5 -2
172A64-72100-1	43	8
172A64-72100-N	43	8 -1
172A64-72110-1	43	16
172A64-72110-N	43	16 -1
172A64-72150	43	20
172A64-72190	43	18
		22
172A64-72200-1	43	24
172A64-72200-N	43	24 -1
172A64-72230	43	28
172A64-72240	43	32 -1
172A64-72250-1	43	42
172A64-72251	43	42 -1
172A64-72251-N	43	42 -2
172A64-72300-1	44	6
172A64-72300-N	44	6 -1
172A64-72310-1	44	13
172A64-72310-N	44	13 -1
172A64-72350	44	20
172A64-72390	44	24
172A64-72400-1	45	6
172A64-72400-N	45	6 -1
172A64-72410-1	45	15
172A64-72410-N	45	15 -1
172A64-72440	45	19
172A64-72450	45	20
172A64-72490	45	24
	47	10
	48	13
172A64-72500	46	1
172A64-72510	46	8
172A64-72540	46	12
172A64-72541	46	12 -1
172A64-72550	46	13
172A64-72601	47	1
172A64-72610	47	11
172A64-72640	47	15
172A64-72641	47	15 -1
172A64-72651	47	16
172A64-72690	47	25

Parts No.	Fig. No.	Ref. No.
172A64-72700	48	4
172A64-72710	48	15
172A64-72750	48	16
172A64-72810	48	17
172A64-72860	48	20
172A64-72861	48	20 -1
172A64-72900-1	44	33
172A64-72901-1	44	33 -1
172A64-72901-N	44	33 -2
172A64-72950-1	45	33
172A64-72951-1	45	33 -1
172A64-72951-N	45	33 -2
172A64-72980-1	44	34
	45	34
172A64-72980-N	44	34 -1
	45	34 -1
172A64-73100	42	7
172A64-73200	94	1
172A64-73210	94	9
172A64-73220	94	11
172A64-73230	94	12
172A64-73240	94	18
172A64-73241	94	18 -1
172A64-73242	94	18 -2
172A64-73260	94	31
172A64-73280	94	27 A
172A64-73300	49	1
172A64-73310	50	1
172A64-73350	49	2
172A64-73360	49	3
172A64-73370	49	4 A
172A64-73380	49	6
172A64-73390	49	7
172A64-73400	49	8
172A64-73410	49	9
172A64-73420	49	10
172A64-73430	49	11
172A64-73440	49	4
172A64-73450	49	12
172A64-73460	49	13
172A64-73510	49	15
172A64-73520	49	16
172A64-73600	50	9
172A64-73610	50	10
172A64-73620	50	11
172A64-73630	50	12
172A64-73640	50	13
172A64-73660	50	30
172A64-73700	62	2
172A64-73770	62	3

Parts No.	Fig. No.	Ref. No.
172A64-73780	62	4
172A64-73790	93	1
172A64-73800	93	2
172A64-73810	93	3
172A64-73840	93	6
172A64-73850	93	7
172A64-73860	93	9 -1
172A64-73870	93	10
172A64-73880	93	9
172A64-73890	93	15
172A64-74010	87	1
172A64-74020	87	2
172A64-74030	87	3
172A64-74040	90	3
172A64-74050	86	1
172A64-74051	86	1 -1
172A64-74060	91	1
172A64-74061	91	1 -1
172A64-74070	91	2
172A64-74071	91	2 -1
172A64-74080	90	1
172A64-74090	90	2
172A64-74100	52	1
172A64-74110	58	1
	92	1
172A64-74120	58	2
	92	2
172A64-74130	58	13
	92	13
172A64-74140	58	14
	92	14
172A64-74150	57	1
172A64-74160	57	2
172A64-74170	57	3
	91	3
172A64-74190	57	5
	91	4
172A64-74200	56	1
	90	14
172A64-74210	56	2
	90	15
172A64-74220	56	6
	90	19
172A64-74230	56	17
172A64-74240	56	19
172A64-74250	56	24
172A64-74260	55	1
172A64-74270	55	7
	89	22
172A64-74280	55	13

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A64-74280	89	1
172A64-74290	55	15
	89	3
172A64-74300	55	21
	89	9
172A64-74340	91	2 A
172A64-74350	54	1
	88	1
172A64-74360	53	6
	54	6
	87	19
	88	7
172A64-74370	54	14
172A64-74380	54	15
172A64-74390	53	1
	87	13
172A64-74400	53	14
172A64-74410	53	16
172A64-74420	53	23
172A64-74430	52	2
	86	2
172A64-74440	52	3
	86	4
172A64-74450	52	5
	86	5
172A64-74460	52	7
	86	7
172A64-74470	52	14
	86	14
172A64-74480	54	22
	88	16
172A64-74490	57	19
	91	19
172A64-74500	60	2
172A64-74590	60	6
172A64-74600	60	7
172A64-74601	60	7 -1
172A64-74610	60	8
172A64-74611	60	8 -1
172A64-74620	60	9
172A64-74630	60	10
172A64-74640	60	11
172A64-74650	60	12
172A64-74660	60	13
172A64-74670	60	14
172A64-74680	60	15
172A64-74700	59	1
172A64-74710	59	2
172A64-74720	59	3
172A64-74731	59	4

Parts No.	Fig. No.	Ref. No.
172A64-74750	59	11
172A64-74800	61	2
172A64-74970	89	16
172A64-74980	88	15
172A64-74990	88	17
172A64-76101	64	2
172A64-76120	69	1
172A64-76140	69	2
172A64-76160	71	4
172A64-76180	43	35 -2
	44	29 -2
	45	29 -2
172A64-76200	66	1
172A64-76240	66	2
172A64-76250	72	1
172A64-76260	72	3
172A64-76600-1	72	4
172A64-76600-Y	72	4 -1
172A64-76630-1	72	5
172A64-76630-Y	72	5 -1
172A64-77800	75	2
172A64-78020	95	12
172A64-78030	95	13
172A64-78040	95	14
172A64-78101	63	10
172A64-78110	95	15
172A64-78120	63	11
172A64-78130	63	12
172A64-78140	63	13
172A64-78161	70	1
172A64-78170	70	2
172A64-78191	70	3
172A64-78200	70	4
172A64-78211	65	9
172A64-78212	65	9 -1
172A64-78221	73	8
172A64-78231	69	5
172A64-78250	65	10
172A64-78260	65	11
172A64-78261	65	11 -1
172A64-78270	67	8
172A64-78291	66	4
172A64-78301	66	5
172A64-78310	65	12
172A64-78330	68	1
172A64-78340	68	2
172A64-78350	65	13
172A64-78360	65	14
172A64-78371	65	15
172A64-78380	65	16

Parts No.	Fig. No.	Ref. No.
172A64-78391	66	6
172A64-78401	66	7
172A64-78411	66	8
172A64-78421	66	9
172A64-78441	64	6
172A64-78451	64	7
172A64-78460	64	9 A
172A64-78470	64	8
172A64-78481	64	9
172A64-78482	64	9 -1
172A64-78492	64	10
172A64-78501	64	11
172A64-78511	64	12
172A64-78520	64	13
172A64-78530	64	14
172A64-78551	72	12
172A64-78570	72	13
172A64-78580	72	14
172A64-78590	72	9
172A64-78610	65	17
172A64-78611	65	17 -1
172A64-78612	65	17 -2
172A64-78620	63	14
172A64-78630	73	9
172A64-78640	73	10
172A64-78651	67	9
172A64-78660	95	16
172A64-78661	95	16 -1
172A64-78662	95	16 -2
172A64-78663	95	16 -3
172A64-78671	73	15
172A64-78681	73	16
172A64-78700	73	11
172A64-78701	73	11 -1
172A64-78721	73	17
172A64-78730	73	18
172A64-78751	74	7
172A64-78761	74	8
172A64-78771	74	9
172A64-78781	74	10
172A64-78790	74	11
172A64-78800	74	12
172A64-78810	74	13
172A64-78821	74	14
172A64-78830	74	15
172A64-78840	74	16
172A64-78851	74	17
172A64-78860	74	18
172A64-78910	66	10
172A64-78920	74	19

Parts No.	Fig. No.	Ref. No.
172A64-79180	74	16 -1
172A64-81100-1	77	2
172A64-81100-Y	77	2 -1
172A64-81380-1	79	1
172A64-81380-Y	79	1 -1
172A64-81410-1	79	6
172A64-81411-1	79	6 -1
172A64-81411-Y	79	6 -2
172A64-81440-1	79	7
172A64-81441-1	79	7 -1
172A64-81441-Y	79	7 -2
172A64-81500-1	78	2
172A64-81500-Y	78	2 -1
172A64-82601	77	6
172A64-82620	43	44
172A64-82641	76	4
172A64-82650	46	29
172A64-82670	46	30
172A64-82730	77	7
172A64-82760	43	45
172A64-82790	77	8
172A64-82820	78	8
172A64-82850	79	8
	80	2
172A64-82880	79	9
	80	3
172A64-94100	81	3
172A64-94250	81	4
172A64-94260	81	5
172A64-94350	81	6
172A64-94370	81	7
172A69-46270	19	7 -1
172A77-17250	37	23
172A77-17251	37	23 -1
172A77-17500	37	24
172A77-17501	37	24 -1
172A77-46050	18	1 -1
	19	17 -1
172A77-64270	99	4
172A78-46101	19	1 -3
172A78-46101-1	19	1 -2
172A78-74650	60	17
172A86-03310	1	20 -1
	96	19
172A86-03750	102	6
	108	45
172A86-03790	102	20
	103	19
	108	47
172A89-64780	104	15

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A89-64800	104	16
		16 -2
172A89-64810	104	17
		17 -2
172A89-64870	104	18
172A89-64880	104	19
172A89-64950	104	10
172B02-64210	104	6
172B02-64230	104	14
172B02-64270	104	7
172B02-64900	104	16 -1
172B02-64910	104	17 -1
172B02-69040	34	1 -1
	40	1 -1
	106	18
172B02-73860	93	8
172B02-73870	93	11
172B02-73880	93	12
172B02-73890	93	11 -1
172B04-03970	102	3
	103	46
	108	49
172B04-15960	8	17 -1
172B11-74700	72	8 -3
172B16-03180	103	3
172B16-73140	94	5
172B16-73150	94	6
172C02-53520	107	6
		10
172C02-53530	107	7
		11
172C02-53990	107	9
172C02-65160	40	6 -1
	106	4 -1
178076-12400	42	8
184014-59510	9	51
184014-59650	9	50
184015-59130	9	42
184015-59140	9	44
184015-59250	9	46
184015-59260	9	48
194150-01190	23	1
194151-04141	8	2
194151-04150	8	3
194151-57100	12	27
194202-56460	66	12
	73	14
194250-04301	8	4
194250-04321	8	6
194327-45640	42	65 -1

Parts No.	Fig. No.	Ref. No.
194464-52190	12	26
		30
194940-24350	29	12
194940-64750	10	3
194940-64751	10	3 -1
1A1040-43900	25	1
1A1060-48300	16	7
1A1380-62160	40	2
	84	7
	106	8
1A6750-29850	42	19
1A7130-51130	11	4 A
1A7347-51200	11	17
1A8160-63401	99	1
1C6281-52310	5	7
	20	15
	22	6
	23	5
	24	12
	26	16
1D4070-23580	18	1
	19	17
1E1271-27620	42	9
1E3030-78370	95	21
1E6140-73420	15	6
	101	4
1E8775-84120	42	76
	94	69
22117-080000	14	5
	20	16
	33	8
22117-100000	63	6
	95	5
22137-050000	22	7
22137-060000	5	8
	12	19
22137-080000	11	7
	19	10
	20	17
	23	6
	24	13
	26	17
		18
	40	17
	84	13
	106	19
22137-100000	11	18
	24	14
	26	19
	43	37

Parts No.	Fig. No.	Ref. No.
22137-100000	99	6
22137-120000	5	9
22137-240000	59	5
22157-060000	10	4
22157-080000	33	9
	85	8
22157-100000	31	5
	35	5
		12
	43	50
	77	13
	78	9
22157-140000	29	8
22190-160002	6	10
22212-080000	94	57
22212-160000	28	5
	29	9
22217-050000	61	3
22217-060000	59	6
22217-080000	7	32
	9	55
		56
	33	10
		11
	93	16
22217-100000	6	11
	43	51
	45	35
22217-120000	41	7
	84	14
	100	3
	105	8
22217-140000	6	12
22217-160000	107	4
		13
22217-200000	41	8
	84	15
		26
	100	4
	105	9
	107	14
22242-000250	16	10
	94	58
22242-000300	16	11
22242-000401	51	14
22242-000451	93	17
22242-000500	76	5
22252-000420	42	56
22252-000520	15	7
	94	59

Parts No.	Fig. No.	Ref. No.
22252-000520	101	5
22252-000620	16	12
22272-000070	19	11
22292-000250	42	57
22312-060120	42	58
22312-080160	42	59
22312-080200	42	3
	94	65
22351-035040	19	19
22351-050032	18	5
22351-060016	94	60
22351-060040	19	20
22372-080000	38	11
22372-100000	23	7
22372-140000	23	8
22417-200200	19	12
	40	18
	84	16
	106	20
22417-200250	11	8
22417-250200	24	15
	26	20
22417-400400	81	10
22487-080160	8	19
22857-500121	37	22
22857-500200	104	13 -1
22859-500200	104	13
23000-013000	65	18
	73	12
		21
23000-060000	4	9
23001-016000	69	6
	70	5
		5 -1
23001-025000	7	33
23001-041000	7	34
	63	15
	95	17
23080-013000	8	20
23391-020000	45	31
	46	24
	47	23
	48	21
	65	5
23393-020000	65	6
		7
23393-030000	69	4
23394-020000	65	8
23418-060000	9	39
23491-140002	62	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
23871-010000	50	15
	51	15
	73	5
	93	18
23871-020000	73	6
23871-040000	72	10
24101-060054	42	60
24101-062054	15	8
	101	6
24101-062064	16	13
24162-202620	42	61
24311-000060	53	27
	54	24
	56	31
	87	27
	88	24
	90	31
	42	62
	53	10
	54	10
	55	9
		23
	56	11
	58	9
	87	22
	88	10
	89	11
		24
	90	24
	92	9
	42	63
24311-000140	7	8
24311-000160	62	15
	52	19
	53	28
	54	25
	55	28
	56	32
	86	19
	87	28
	88	25
	89	28
24311-000210	90	32
	18	6
	24	16
	25	7
	26	21
24311-000220	42	64
24311-000250	59	7
24311-000320	59	8

Parts No.	Fig. No.	Ref. No.
24311-000350	63	16 -1
	95	6
24311-000380	62	16
24311-240100	9	25
		40
		19
24315-000070	94	15
		35
		27
24315-000080	57	16
	64	4
	91	16
	94	16
		29
		36
	53	29
	87	29
	87	29
24315-000100	53	30
	87	30
	94	28
24315-000110	42	62 -1
	43	36
	44	30
	45	30
	52	16
	53	11
		25
	54	11
	55	10
		24
	56	12
		28
	57	17
	58	10
		22
	63	4
	67	4
	71	8
		15
		24
	73	3
	74	2
		5
		6
	94	37
24315-000120		38
	94	39
24315-000140	16	21
	42	63 -1
	56	13
	63	7
	64	5

Parts No.	Fig. No.	Ref. No.
24315-000140	67	6
		7
	71	5
		12
		19
		23
		25
		27
		29
	94	30
		40
	95	20
24315-000180	63	8
	71	21
24315-000200	60	16
24315-000220	42	64 -1
24315-000300	16	24
24315-000440	62	5
24315-000560	93	13
24315-240100	57	18
	91	17
24319-000110	73	6 C
24321-000350	63	16
24321-000700	51	7
24325-000550	94	17
		41
24325-000700	93	14
24341-000140	42	65
24341-000630	42	66
24341-000670	42	67
24421-254208	42	68
24550-030300	45	28
	47	22
	48	19
24550-035300	43	31
	44	27
	46	20
	46	20
24761-020000	16	22
	19	13
	20	18
	43	38
	75	8
	79	10
	80	4
	81	11
	24	17
	26	22
24761-040000	43	39
	44	31
		78
	10	

Parts No.	Fig. No.	Ref. No.
24761-040000	81	12
24761-050000	19	14
	29	10
	44	32
	45	32
	46	25
26013-060122	77	14
	12	20
26013-080162	4	10
	5	10
	7	35
		36
	12	21
		21 -1
	14	6
	20	19
		20
	25	8
26013-080202	38	2 D
	59	10
	69	3
	85	9
	51	16
26013-080352	3	7
26013-080552	3	8
26013-100162	11	9
		10
26013-100202		11
	43	52
	52	21
	73	7
	86	21
	6	13
	8	21
	11	16
	19	15
	26	23
	30	5
	35	6
		13
	43	40
		55 -1
	45	37 -1
	46	33
	61	4
	6	14
	15	12
26013-100252	42	4
	43	53
	48	22

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26013-100252	63	9
	72	11
	77	15
	78	11
	81	13
26013-100302	94	66
	95	7
	51	18
26013-100352	93	20
	16	25
26013-120252	15	9
	27	4
	46	34
	62	17
26013-120302	101	7
	6	15
	32	2
	39	14
	41	9
	66	3
26013-120352	105	10
	42	75
	94	62
26013-120402	50	45
26013-120502	72	7
26014-060122		15
	7	2 E
		37
26014-060162	12	22
	9	57
	12	23
26014-060202		28
	12	33
	12	24
26014-060252	14	7
26014-080162	34	12
		13
		19
		20
26014-080202		21
	11	19
	34	22
26014-100202	38	12
	30	6
	35	7
		14
	38	13
	39	15
	40	19
		20

Parts No.	Fig. No.	Ref. No.
26014-100202	98	8
	106	21
		22
26014-100252	6	16
	19	16
	47	26
	98	9
26014-100302	99	7
	100	5
26014-120502	72	7 -1
26014-120552	72	15 -1
26022-050122	8	23 -1
26051-080002	59	12
	3	9
	20	21
26076-100202	24	18
		19
	26	24
		25
	43	54
26076-120252	44	35
	45	36
	29	18
26076-120352	100	6
26076-120402	29	19
26076-120452	41	10
	29	20
	84	17
26076-120552		27
26076-160552	105	11
	107	5
		15
26076-200502	41	11
	100	7
26076-200702	84	18
		28
	105	12
	107	16
26106-080202	38	2 D-1
	42	69
	104	20
26106-080252	30	7
26106-100122	31	6
26106-100162		7
		8
	104	21
26106-100202	31	9
26106-100252	104	22
26116-060162	12	25
26116-080162	33	12

Parts No.	Fig. No.	Ref. No.
26116-080162	33	13
26116-080252	5	11
26116-080254	22	8
	24	20
	26	26
	26	22
26116-080404	20	22
26116-080452	7	38
26116-080604	26	27
26116-080652	9	54
		58
26116-100202	43	55
	45	37
26116-100352	99	8
26116-100552	79	11
26116-100602	80	5
26116-120252	100	8
26116-121302	76	6
26116-160602	29	11
26347-080002	23	9
26347-100002	34	23
	40	21
	106	23
26366-080002	3	10
	26	28
26367-100002	8	22
	53	12
26450-050102	54	12
	55	11
		25
26450-050182	56	14
	58	11
	87	23
	88	11
26450-050182	89	12
		26
	90	25
	92	10
26450-050182	53	13
	54	13
	55	12
		26
26450-050182	56	15
	58	12
	87	24
	88	12
26450-050182	89	13
		27
	90	26
26450-050452	92	11
	61	5

Parts No.	Fig. No.	Ref. No.
26450-060162	43	56
	44	36
	45	38
	59	9
26450-080252	42	70
26450-080352	42	71
26450-100252	15	2
	49	14
26450-100352	42	6
	94	68
26450-100452	42	72
26557-040082	39	16
26557-050122	8	23
26557-050202	104	23 -1
26559-050202	104	23
26587-040062	21	6
26711-080002	94	61
26716-060002	10	5
	5	12
	11	12
26716-100002	14	8
	24	21
	26	29
	52	20
26716-100002	86	20
	6	17
	42	73
26716-160002	79	12
	80	6
	99	9
26736-140002	28	6
26756-080002	6	18
26756-100002	20	23
	22	9
	26	30 -1
26756-120002	20	24
26756-140002	5	13
	76	7
	21	7
26757-080002	26	30
26776-180002	12	29
26979-100452		31
	42	74
	12	8
29420-150000	43	36 -1
41851-000110	44	30 -1
	45	30 -1
	71	10
		31
	86	16

Parts No. Index

Parts No.	Fig. No.	Ref. No.
41851-000110	87	11
		25
	88	13
	89	14
		25
	90	11
		27
	91	18
	92	12
		22
41851-000140	95	8
	90	28
	95	9
41851-000180	95	10
772A64-37300-2	15	3
772A64-75100	62	1
933110-00301	13	6
933110-54100	20	25
	22	10
	23	10
	24	22
	26	31
933125-59600	43	41
	47	24
933126-38600	16	26
933147-03400	43	57
	45	39
933152-03700	15	10
	101	8
933160-06711	77	16
	78	12
	79	13
	80	7
	81	14
933168-14170	43	58
	45	40
933168-55770	7	27
	9	4
		8
		12
		45
		49
		53
	11	13
	12	34
	14	9
933170-01490	73	23
	74	21
933170-01490	5	14
933171-13691	16	27

Parts No.	Fig. No.	Ref. No.
933171-15801	11	14

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

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

0CB10-M75300EN

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.)

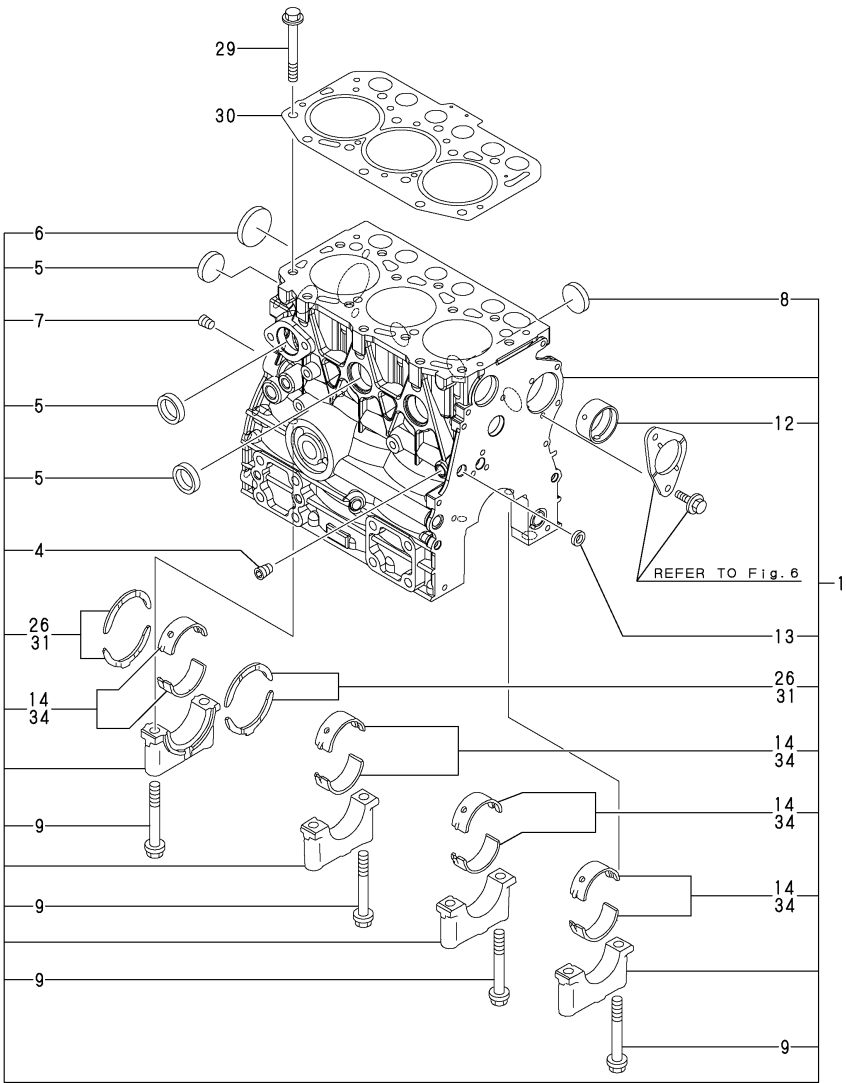
3. Customers are requested to use this parts catalog at their own risk. Our company assumes no responsibility whatsoever for any damages incurred by customers or other companies as a result of using or not using this parts catalog.

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.	EXHAUST MANIFOLD		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB. OIL SYSTEM		
9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	STARTER MOTOR		
14.	GENERATOR		
15.	GASKET SET & TOOL		

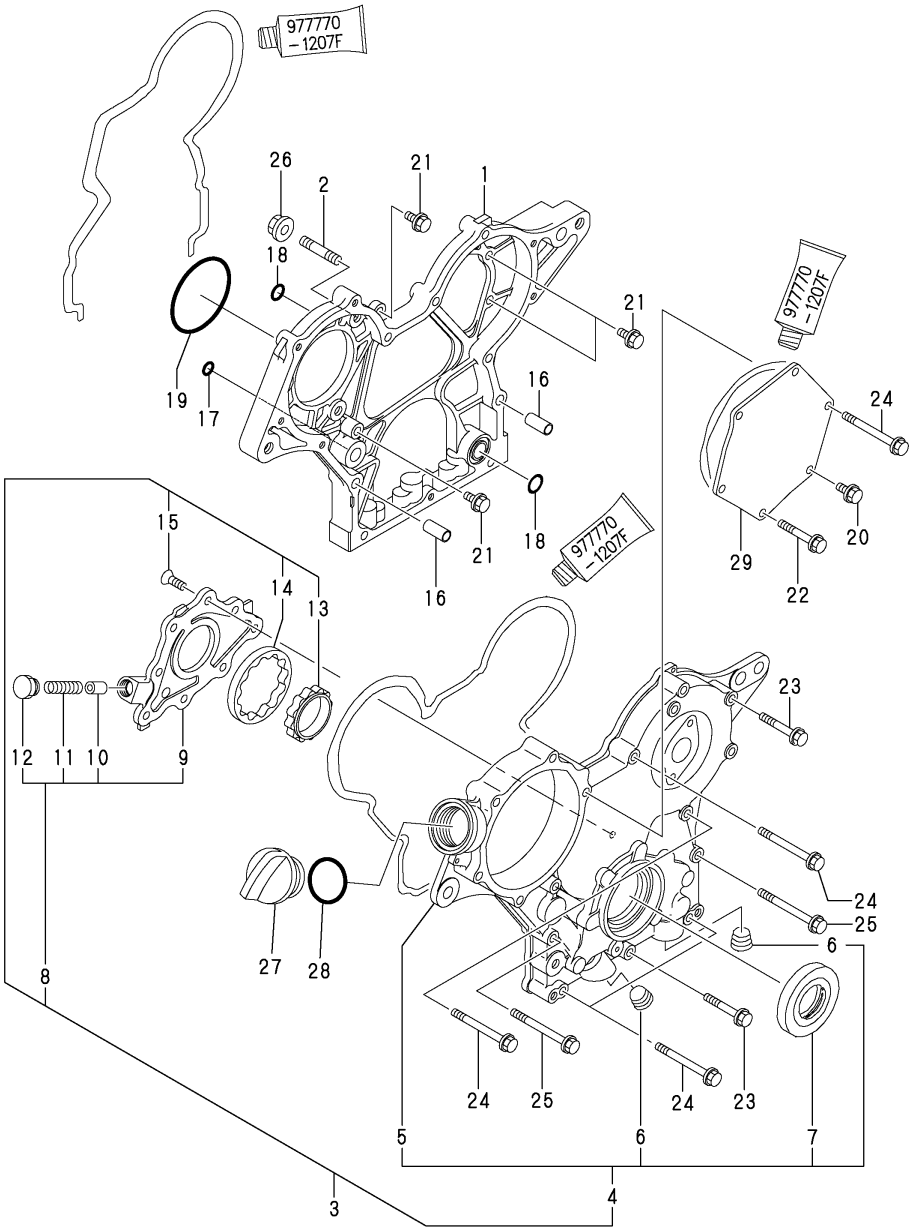
Fig.1. CYLINDER BLOCK



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

				0CB10-M75300 Fig.1									
				(A)=3TNV70-XBV					(D)=				
				(B)=					(E)=				
				(C)=					(F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R		
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	719515-01560	BLOCK ASSY, CYLINDER	1									
4	3	124060-01050	PLUG, PT1/8	1									
5	3	105311-01090	PLUG, CUP TYPE 30	4									
6	3	119623-01250	PLUG, DISH TYPE 45	1									
7	3	124160-01910	PLUG, PT1/4	1									
8	3	119285-01990	PLUG, CUP TYPE 25	3									
9	3	119620-02020	BOLT, METAL CAP	8									
12	3	119717-02411	BUSH, CAMSHAFT	1									
13	3	27241-120000	PLUG, 12	1									
14	2	719717-02901	BEARING ASSY, MAIN	4								1	
26	2	119810-02931	BEARING, THRUST	2								1	
29	1	119515-01200	BOLT, CYLINDER HEAD	14									
30	1	119515-01330	GASKET, HEAD	1									
31	1	119810-02941	BEARING, THRUST 0.25	2								2	
34	1	719717-02911	BEARING ASSY, MAIN	4								3	

Fig.2. GEAR HOUSING

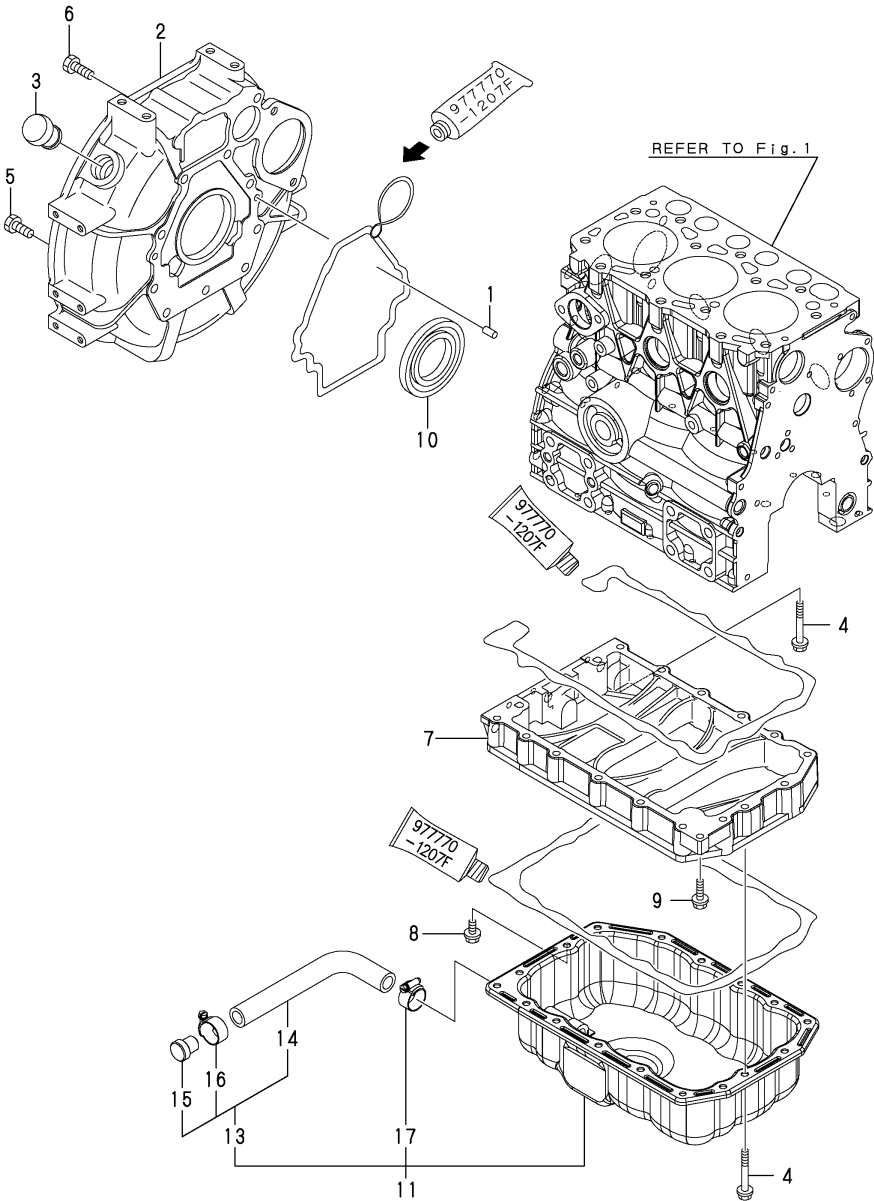


(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	BOLT, STUD	3							
3	1	119734-01590	COVER ASSY,GEAR CASE	1							
4	2	719734-01500	COVER ASSY,GEAR CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	3	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY	1							
9	3	119717-32080	COVER, PUMP	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119660-01911	PIPE, DOWEL 6X17	4							
17	1	119624-32040	O-RING, P12.0	1							
18	1	119717-32050	O-RING, P17.0	3							
19	1	121850-51960	O-RING	1							
20	1	26106-060122	BOLT, M6X 12 PLATED	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	4							
22	1	26106-060402	BOLT, M6X 40 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	3							
24	1	26106-060602	BOLT, M6X 60 PLATED	7							
25	1	26106-060652	BOLT, M6X 65 PLATED	2							
26	1	26306-080002	NUT, M8	3							
27	1	124160-01751	CAP, FILLER	1							
28	1	24311-000320	O-RING, 1AP32.0	1							
29	1	119717-01750	COVER, PUMP	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



0CB10-M75300 Fig.3

(A)=3TNV70-XBV
(B)=
(C)=

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

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	119515-01601	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26106-060452	BOLT, M6X 45 PLATED	17							
5	1	26206-100252	BOLT, M10X 25 PLATED	7							
6	1	121120-01620	BOLT, M10X28	3							
7	1	119515-01720	SPACER, OIL-PAN	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	1							
9	1	26106-060252	BOLT, M6X 25 PLATED	1							
10	1	124085-02220	SEAL, OIL	1							
11	1	119540-01780	OIL PAN ASSY	1							
13	2	119540-39910	HOSE ASSY, OIL DRAIN	1							
14	3	119540-39930	HOSE, DRAIN	1							
15	3	119656-39930	PLUG, DRAIN M14	1							
16	3	23001-022000	CLAMP, HOSE 22	1							
17	2	23001-022000	CLAMP, HOSE 22	1							

N:Old
No

Yes

New

Q:Old
No

Yes

New

R:Old
No

Yes

New

S:Old
No

Yes

New

W:Add

Z:Discontinued

F:Interchangeable by set

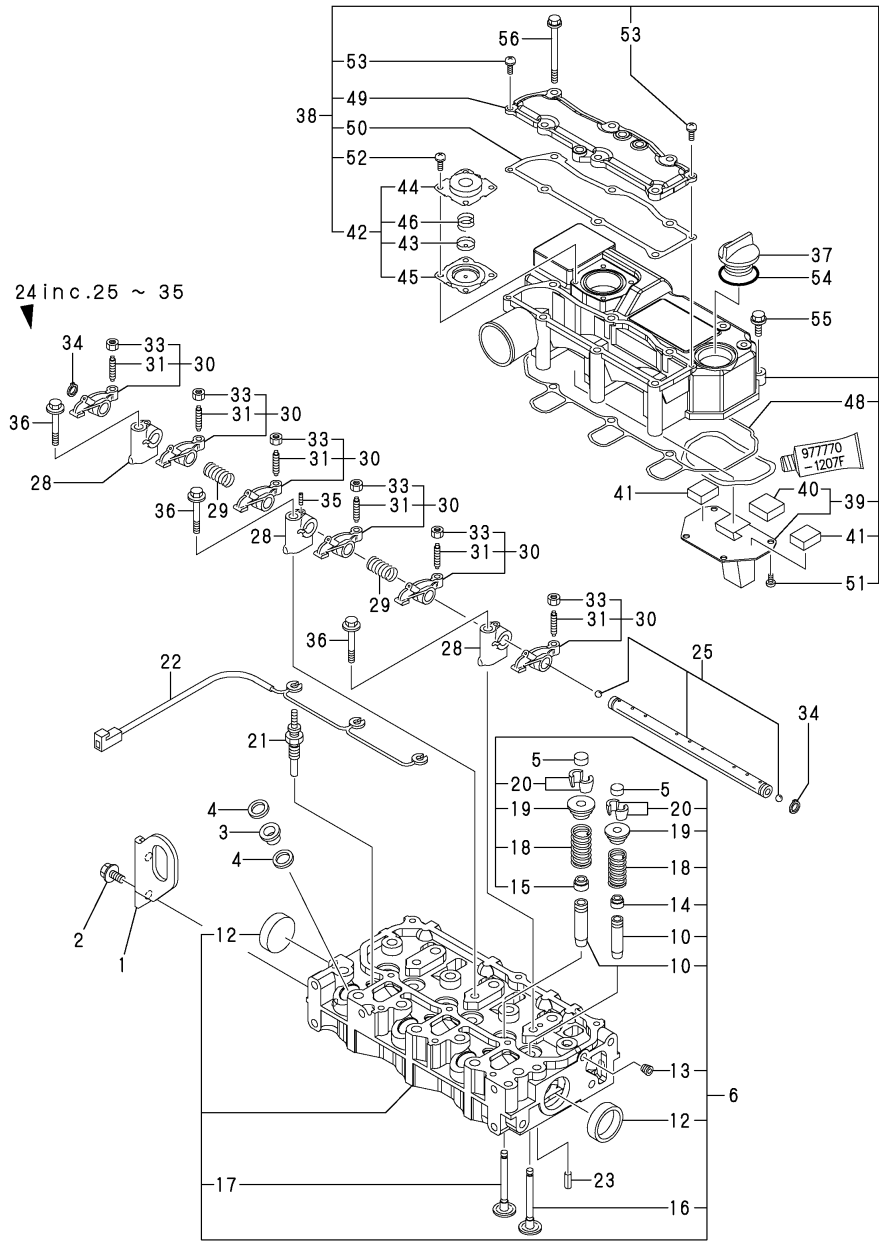
K:Q'ty Change

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

Fig.4. CYLINDER HEAD & BONNET

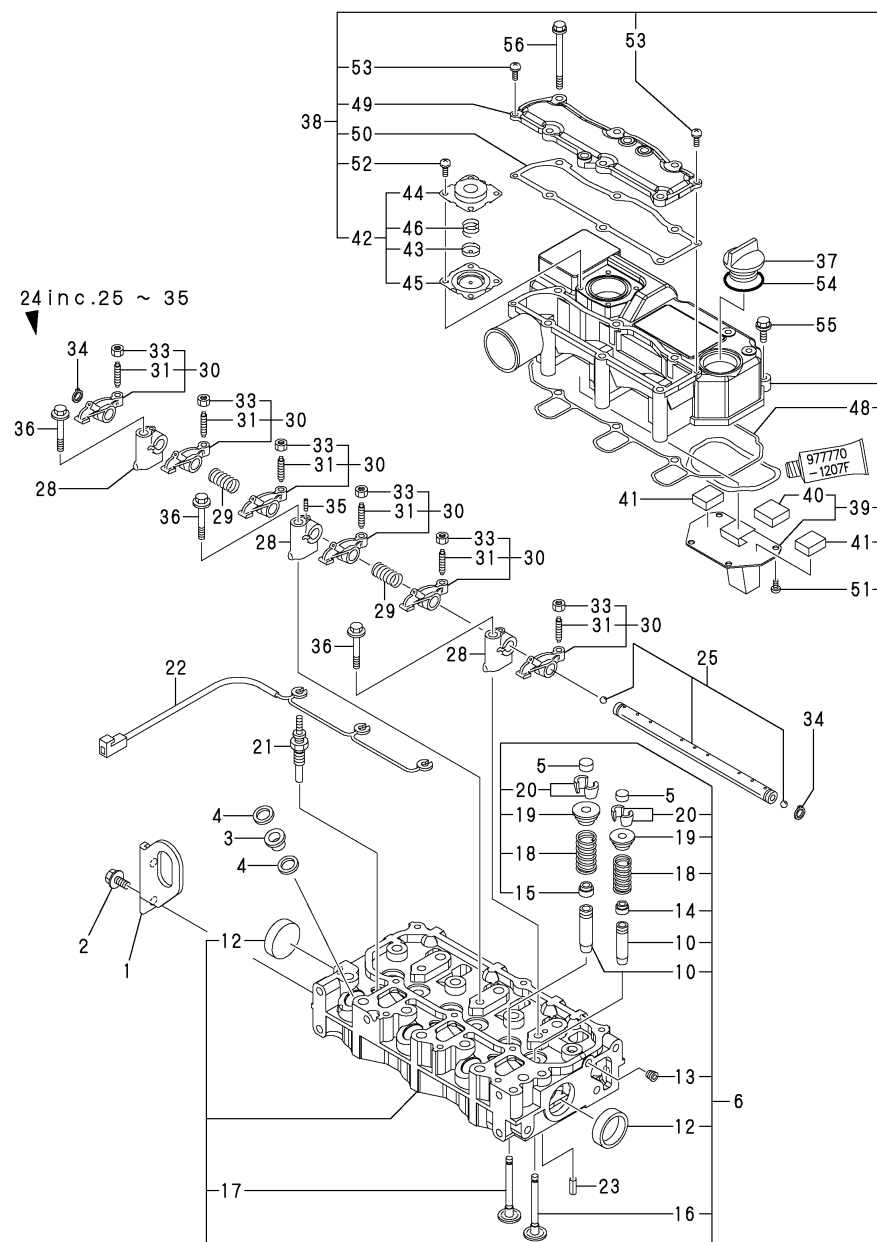
(A)=3TNV70-XBV
(B)=
(C)=

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



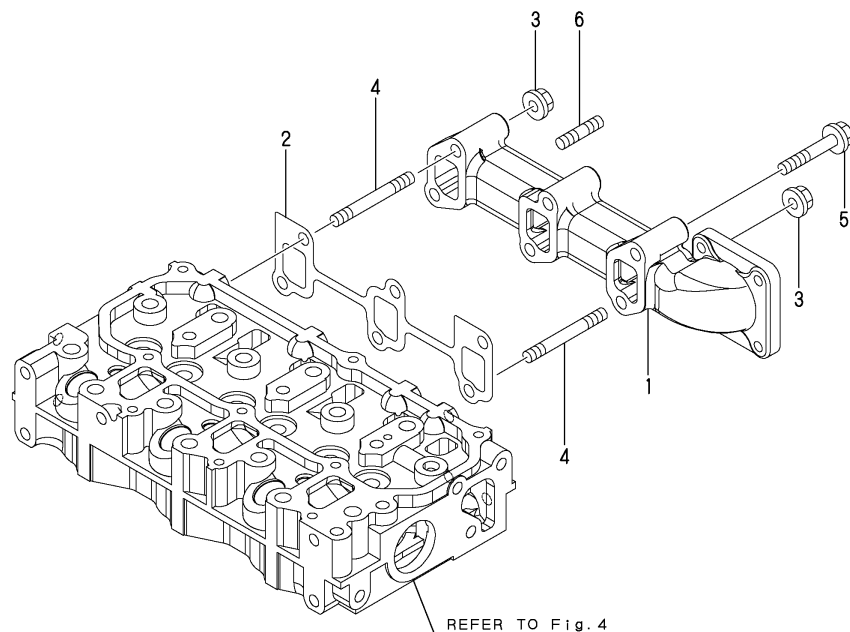
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119718-07910	LIFTER, ENGINE	1							
2	1	26106-080162	BOLT, M8X 16 PLATED	2							
3	1	129901-11450	PROTECTOR, NOZZLE	3							
4	1	119600-11460	GASKET, NOZZLE	6							
5	1	105010-11490	CAP, VALVE	6							
6	1	119515-11740	HEAD ASSY, CYLINDER	1							
10	3	119515-11800	GUIDE, VALVE	6							1
12	3	119285-11990	PLUG, 35	2							
13	3	23876-005000	PLUG, R005	1							
14	2	119717-11340	SEAL, VALVE STEM	3							
15	2	119717-11350	SEAL, VALVE STEM	3							
16	2	119515-11101	VALVE, INTAKE	3							
17	2	119515-11110	VALVE, EXHAUST	3							
18	2	119717-11131	SPRING, VALVE	6							
19	2	129508-11180	RETAINER, SPRING	6							
20	2	119717-11190	COTTER, VALVE	12							
21	1	119717-77800	PLUG, GLOW	3							
21-1	1	119717-77801	PLUG, GLOW	3							N
(A=E87243)											
21-2	1	119717-77810	PLUG, GLOW 12V	3							N
(A=*2022.06)											
22	1	119717-77820	CONNECTOR, GLOW PLUG	1							
23	1	22351-060012	PIN, SPRING 6.0X12	2							
24	1	119515-11200	SUPPORT ASSY, ROCKER	1							
25	2	119515-11240	SHAFT ASSY, ARM	1							
28	2	119717-11260	SUPPORT, ROCKER ARM	3							
29	2	119515-11280	SPRING, SHAFT	2							
30	2	119717-11650	ARM ASSY, ROCKER INT	6							
31	3	129150-11230	SCREW, VALVE ADJUST	6							
33	3	129150-11750	NUT, M8XP1.0	6							
34	2	22242-000120	RING, 12	2							
35	2	26979-050162	SCREW, M5X16	1							
36	1	26106-080402	BOLT, M8X 40 PLATED	3							
37	1	124160-01751	CAP, FILLER	1							
38	1	119515-11380	BONNET ASSY, HEAD	1							
39	2	119717-03031	PLATE, BAFFLE	1							
40	3	119717-03070	BAFFLE, BREATHER	1							
41	2	119717-03070	BAFFLE, BREATHER	2							
42	2	119802-03100	DIAPHRAGM ASSY	1							
43	3	119802-03110	PLATE, DIAPHRAGM	1							
44	3	119802-03121	COVER, DIAPHRAGM	1							
45	3	119802-03131	DIAPHRAGM, BREATHER	1							
46	3	119802-03141	SPRING, DIAPHRAGM	1							
48	2	119515-11310	GASKET, BONNET	1							
49	2	119515-11320	COVER, BONNET	1							
50	2	119515-11330	GASKET, BONNET COVER	1							
51	2	22857-500100	SCREW, 5X10	4							
52	2	22857-500100	SCREW, 5X10	4							
53	2	22857-500160	SCREW, 5X16	2							
54	1	24311-000320	O-RING, 1AP32.0	1							
55	1	26106-060202	BOLT, M6X 20 PLATED	3							

Remarks
(1)Spare parts.

[illegible]

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



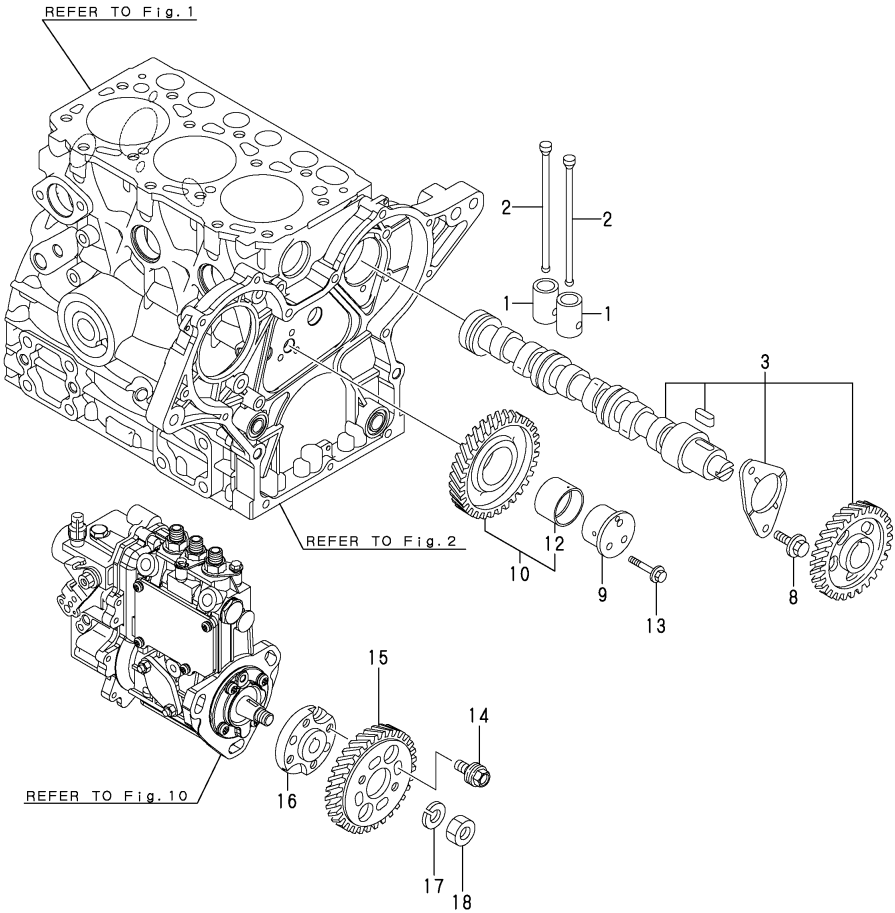
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119540-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET, EXH MANIFOLD	1							
3	1	26306-080002	NUT, M8	2							
4	1	119717-13600	BOLT, STUD M8X50	2							
5	1	119802-13620	BOLT, M8X50	4							
6	1	119131-18320	BOLT, STUD M8X22	4							

Fig.6. CAMSHAFT & DRIVING GEAR

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119515-14400	PUSH-ROD	6							
3	1	119515-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
12	2	119717-25911	BUSH, IDLE GEAR	1							1
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-51150	FLANGE	1							
17	1	22217-120000	WASHER, SPRING 12	1							
18	1	26716-120002	NUT, M12	1							



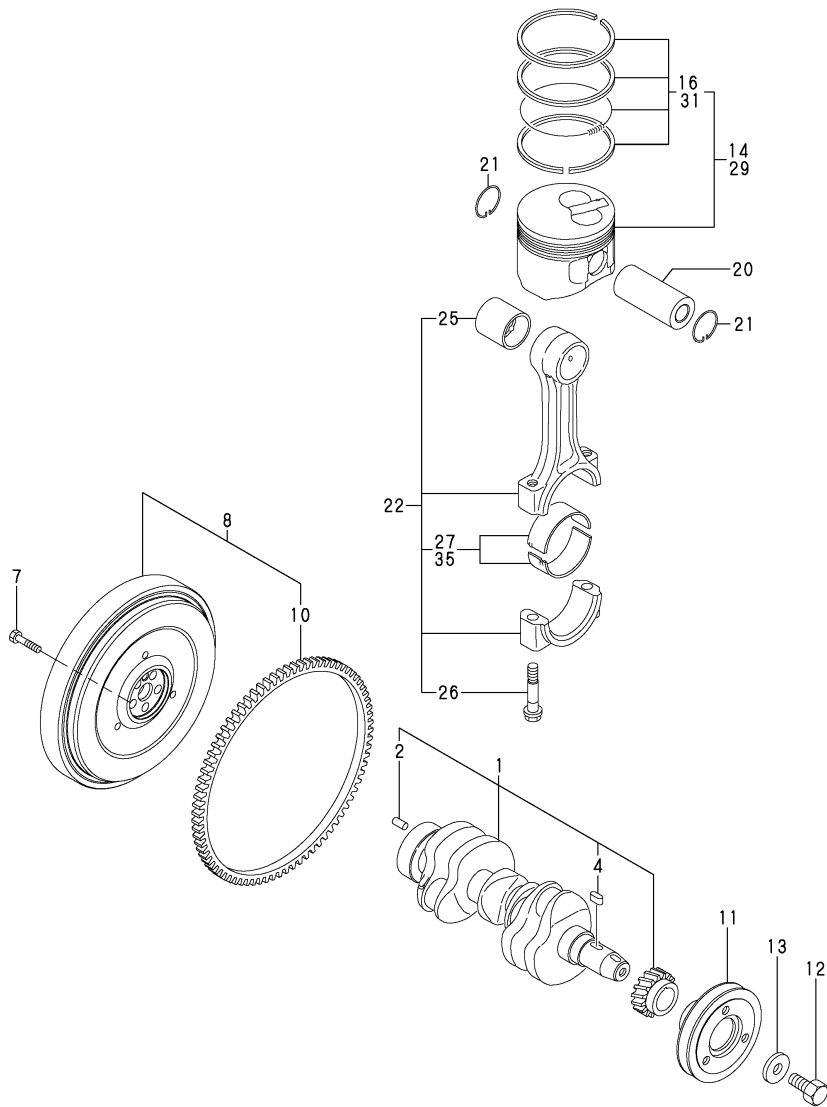
Remarks
(1)Spare parts.

0CB10-M75300 ENGINE
Fig.7. CRANKSHAFT & PISTON

(A)=3TNV70-XBV
(B)=
(C)=

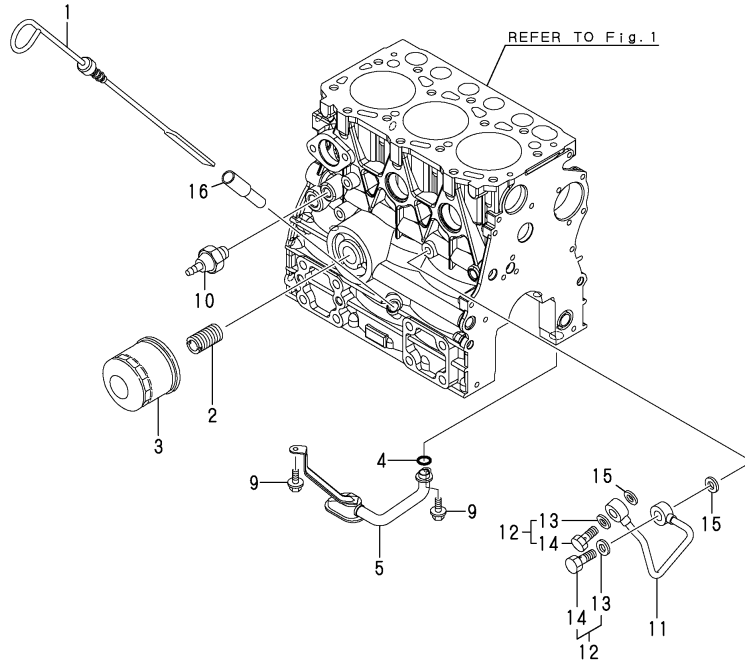
0CB10-M75300 Fig.7

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119515-21590	FLYWHEEL ASSY	1							
10	2	124950-21600	GEAR, RING	1							
11	1	119717-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21680	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER	1							
14	1	119515-22080	PISTON ASSY	3							
16	2	119515-22500	RING SET, PISTON	3							
20	1	119515-22300	PIN, PISTON	3							
21	1	22252-000220	RING, 22	6							
22	1	119515-23000	ROD ASSY, CONNECTING	3							
25	2	119717-23910	BEARING, PISTON PIN	3							1
26	2	119717-23200	BOLT, CONNECTING ROD	6							
27	2	119515-23601	BEARING, CRANK PIN	3							1
29	1	119515-22900	PISTON ASSY, 0.25 OS	3							2
31	2	119515-22550	RING SET, 0.25 OS	3							2
35	1	119515-23611	BEARING ASSY, 0.25	3							3

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

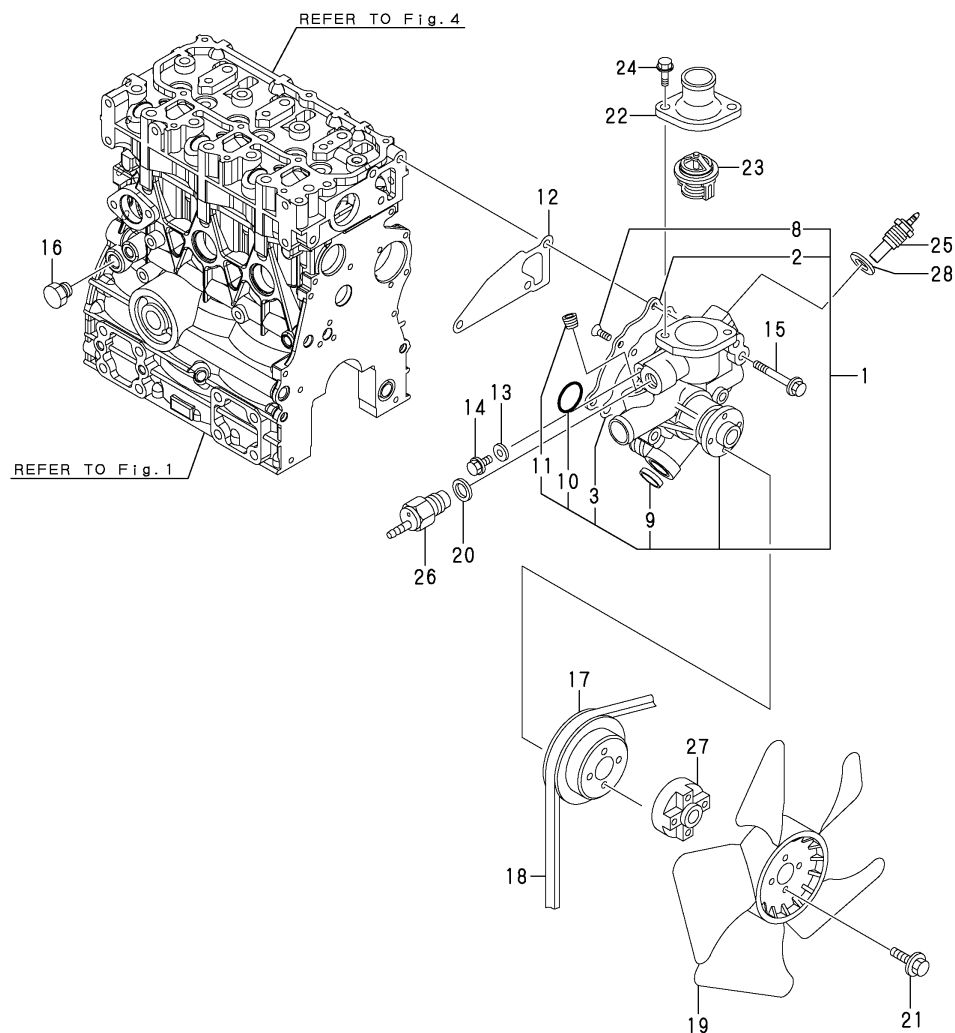


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-34801	DIPSTICK	1							
2	1	129100-35140	BOLT, STUD	1							
3	1	119305-35170	FILTER ASSY, D68XL65	1							
4	1	119717-32060	O-RING, P15.0	1							
5	1	119515-35080	PIPE ASSY, OIL INLET	1							
9	1	26106-060102	BOLT, M6X 10 PLATED	2							
10	1	114250-39450	SWITCH, HYDRAULIC	1							
11	1	119717-39210	PIPE, OIL	1							
12	1	129005-59830	BOLT ASSY, JOINT M8	2							
13	2	22190-080002	WASHER, SEAL 8	2							
14	2	23857-030000	BOLT, JOINT 3	2							
15	1	22190-080002	WASHER, SEAL 8	2							
16	1	121520-34810	GUIDE, DIPSTICK	1							

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

Fig.9. COOLING WATER SYSTEM

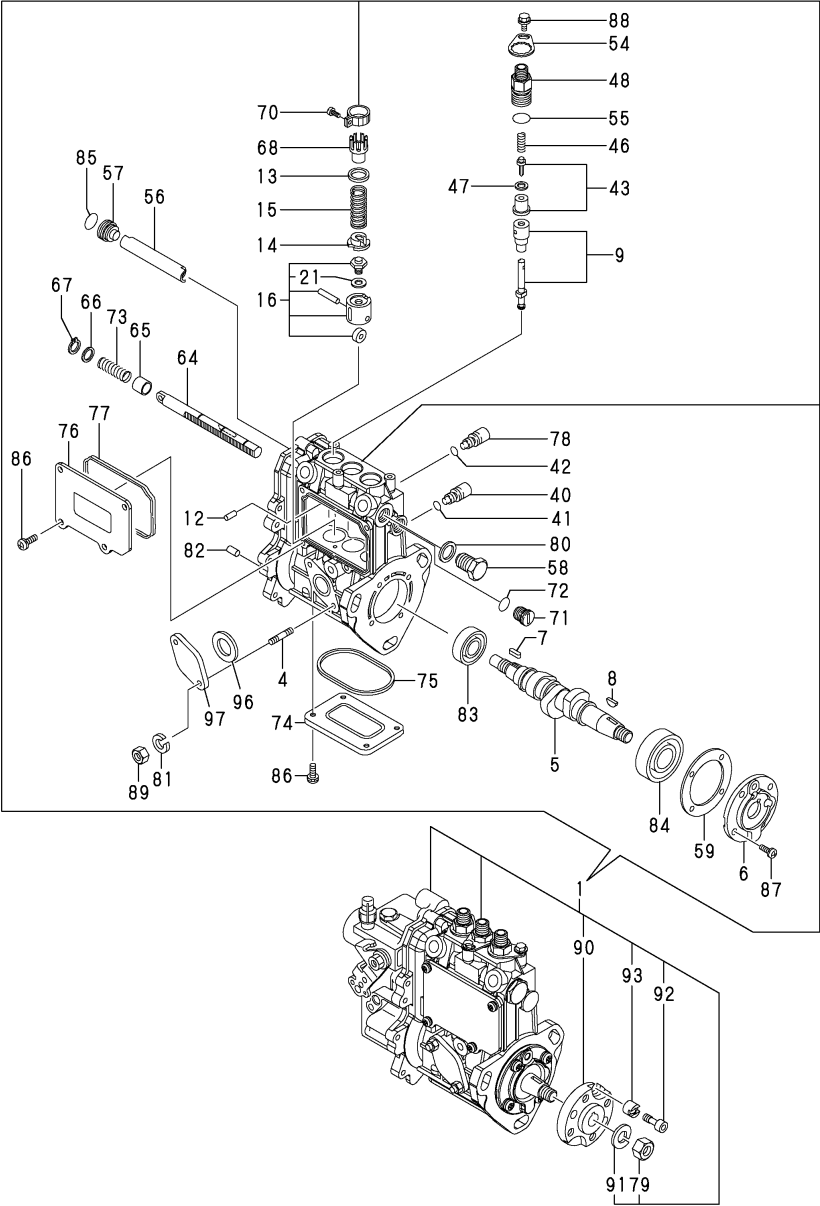


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-42001	PUMP ASSY, WATER	1							
1-1	1	119515-42002	PUMP ASSY, CW LOW	1							N
(A=E/ 85914)											
2	2	119515-42041	COVER	1							
3	2	119717-42031	GASKET	1							
8	2	26577-060122	SCREW, M6X12	4							
9	2	27241-250000	PLUG, 25	1							
10	2	119717-42320	O-RING, P26	1							
10-1	2	119C10-42320	O-RING, 2028	1							S
(A=E/ 85914)											
11	2	129916-49740	PLUG, R3/8	1							
12	1	119515-42020	GASKET, WATER PUMP	1							
13	1	23414-080000	GASKET, 8X1.0	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080502	BOLT, M8X 50 PLATED	3							
16	1	171056-49120	PLUG, DRAIN R1/4	1							
17	1	119717-42350	V-PULLEY, D=100	1							
18	1	25132-003500	V-BELT, A35	1							
18-1	1	119540-42290	V-BELT, A35.0	1							N
(A=E56003)											
19	1	119233-44740	FAN, D=290XUH	1							
20	1	124465-44950	GASKET, 16	1							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71C	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49351	SENSOR, WATER TEMP.	1							
26	1	121250-44901	SWITCH, THERMO 110	1							
27	1	121267-44760	SPACER, FAN	1							
28	1	129150-49360	GASKET	1							

Fig.10. FUEL INJECTION PUMP

(A)=3TNV70-XBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719540-51450	FIE ASSY	1							1
4	2	129155-51020	BOLT, STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	FEATHER KEY,PARALLEL	1							
8	2	122710-51090	FEATHER KEY,WOODRUFF	1							
9	2	119515-51100	PLUNGER ASSY, FUEL	3							
12	2	129155-51140	PIN	3							
13	2	158600-51170	RETAINER, SPRING	3							
14	2	119717-51570	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119717-51200	TAPPET ASSY	3							
21	3	129155-51600	SHIM SET, ADJUSTING	3							
40	2	158600-51270	STOPPER, TAPPET	3							
41	2	129155-51280	O-RING, S6	3							
42	2	129155-51280	O-RING, S6	1							
43	2	119717-51300	VALVE ASSY, DELIVERY	3							
46	2	119717-51330	SPRING, DELIVERY	3							
47	2	124550-51350	GASKET, DELIVERY	3							
48	2	158600-51442	VALVE ASSY, DELIVERY	3							
54	2	118400-51370	PLATE, LOCKING	3							
55	2	24316-000150	O-RING, 4DP15.0	3							
56	2	129155-51400	DEFLECTOR	1							
57	2	158600-51410	PLUG, DEFLECTOR	1							
58	2	158600-51420	PLUG, DEFLECTOR	1							
59	2	129155-51450	SHIM SET, ADJUSTING	1							
64	2	119717-51500	RACK, CONTROL	1							
65	2	129155-51521	BUSH, RACK	1							
66	2	129155-51530	SPACER	1							
67	2	129155-51540	CIRCLIP	1							
68	2	129155-51550	PINION, CONTROL	3							
70	2	129100-51570	SCREW, PINION	3							
71	2	158600-51570	PLUG, RACK	1							
72	2	129155-51580	O-RING	1							
73	2	129155-51591	SPRING, RACK	1							
74	2	129155-51701	COVER	1							
75	2	119717-51711	GASKET	1							
76	2	119717-51750	COVER	1							
77	2	119717-51761	GASKET	1							
78	2	158600-51790	STOPPER, RACK	1							
79	2	26716-120002	NUT, M12	1							
80	2	22190-160002	WASHER, SEAL 16	1							
81	2	22217-060000	WASHER, SPRING 6	2							
82	2	22351-050010	PIN, SPRING 5.0X10	2							
83	2	24101-060034	BEARING, BALL 6003	1							
84	2	24101-063034	BEARING, BALL 6303	1							
85	2	119717-51420	O-RING	1							
86	2	26022-050122	SCREW, M5X12	8							
87	2	26022-060162	SCREW, M6X16	4							
88	2	26106-050102	BOLT, M5X 10 PLATED	3							
89	2	26716-060002	NUT, M6	2							

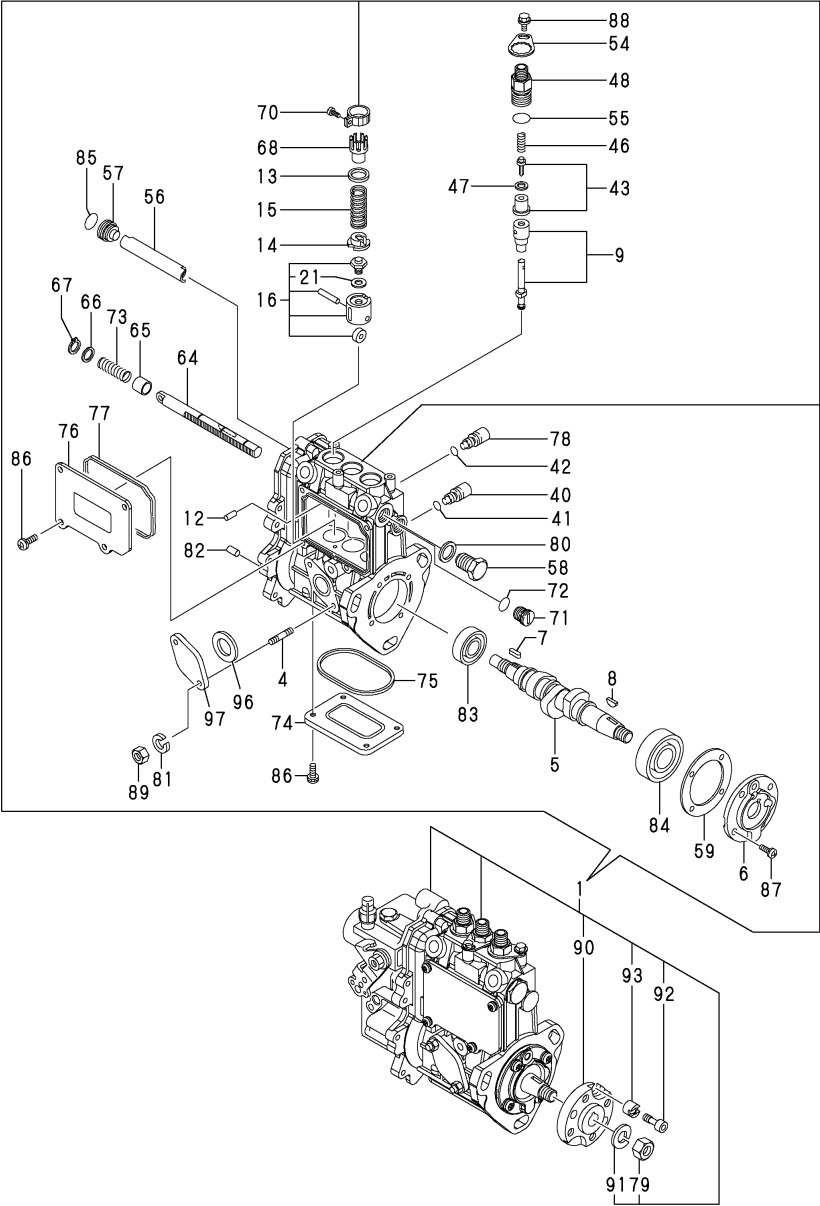
Remarks

(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

Fig.10. FUEL INJECTION PUMP

(A)=3TNV70-XBV
(B)=
(C)=

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

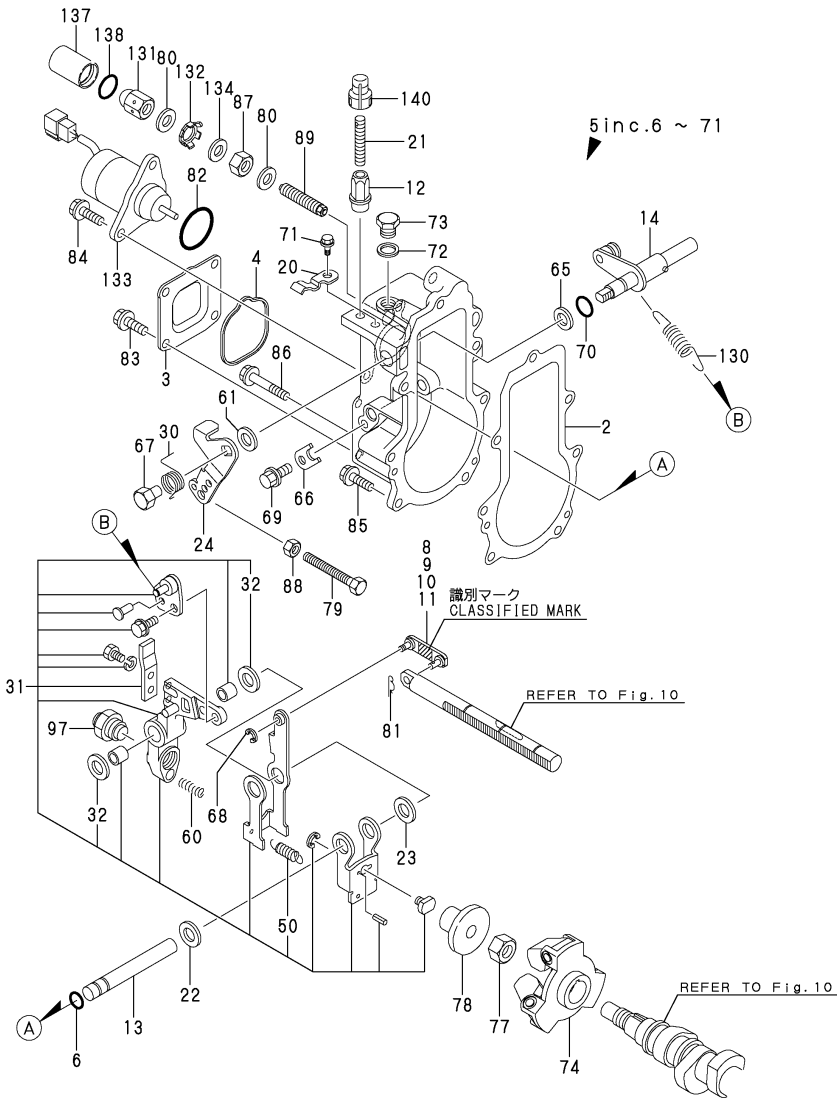


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
90	2	119717-51150	FLANGE	1							
91	2	22217-120000	WASHER, SPRING 12	1							
92	2	119717-51490	BOLT	1							
93	2	119717-51480	COLLAR	1							
96	2	129155-52051	GASKET	1							
97	2	129100-52200	COVER, PUMP	1							

Remarks
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV70-XBV
(B)=
(C)=

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



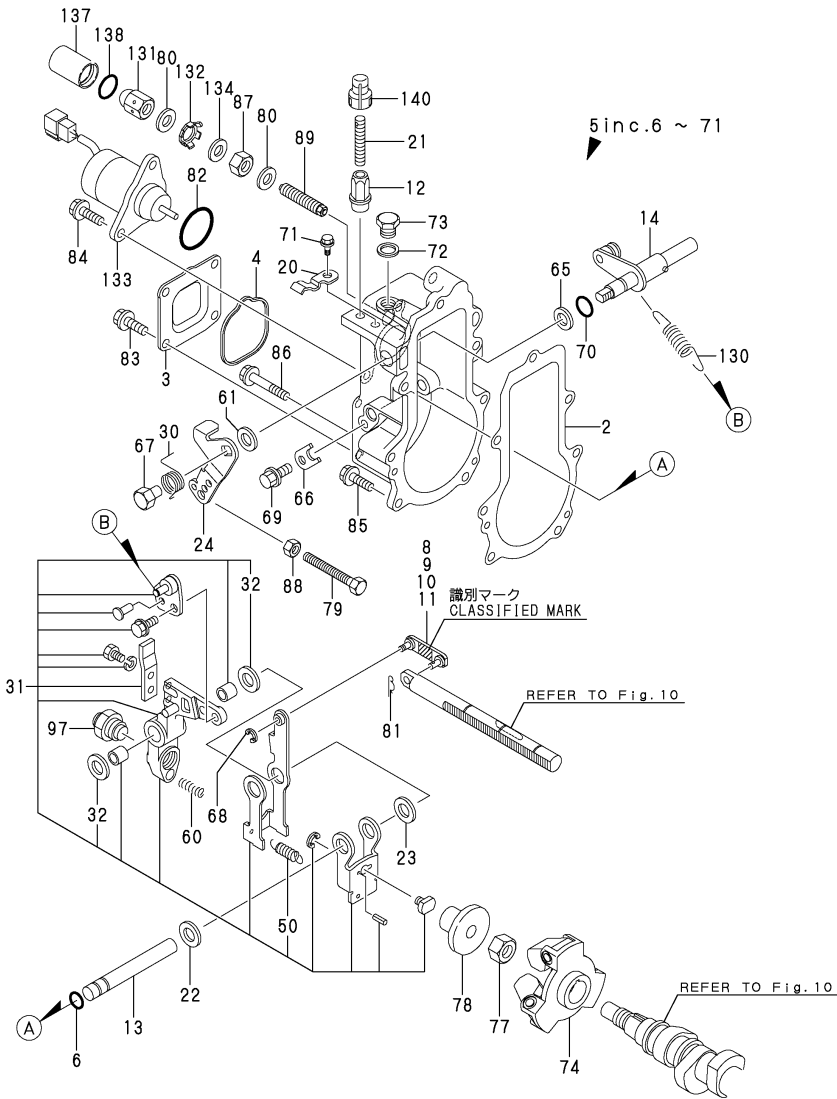
Remarks
(1) Selective parts.
Certain the classification mark, then place your order(Refer to illustration).
(2) Spare parts.
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	119717-61050	GASKET	1							
3	3	119717-61060	COVER, GOVERNOR CASE	1							
4	3	119717-61070	GASKET	1							
5	3	119540-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-51280	O-RING, S6	1							
8	3	119717-61120	LINK, MARK :3	1							1
9	3	119717-61130	LINK, MARK 98	1							1
10	3	119717-61140	LINK, MARK 88	1							1
11	3	119717-61150	LINK, MARK 03	1							1
12	3	129209-61370	NUT, ARB M6	1							
13	3	129052-61390	SHAFT,GOVERNOR LEVER	1							
14	3	119717-61400	SHAFT ASSY	1							
20	3	119534-61430	RETAINER	1							
21	3	129155-61450	BOLT, LIMITING	1							
22	3	129156-61460	SHIM, T=0.6	1							
23	3	129155-61480	SHIM ASSY	1							
24	3	119515-61440	LEVER, CONTROL	1							
30	3	119534-61420	SPRING, LEVER	1							
31	4	119761-61500	LEVER ASSY, GOVERNOR	2							
32	4	174307-51700	SHIM SET, PLUNGER	2							
50	4	129486-61540	SPRING, GOV.LEVER	1							
60	3	129486-61650	SPRING, STARTING	1							
61	3	158552-61700	SHIM SET	1							
65	3	158552-61710	SHIM, T=1.0	1							
66	3	119660-61901	STOPPER, SHAFT	1							
67	3	129255-61410	NUT, M8	1							
68	3	22272-000030	RING, E- 3	1							
69	3	26106-060102	BOLT, M6X 10 PLATED	1							
70	3	24341-000070	O-RING, 1AS7.0	1							
71	3	26106-060102	BOLT, M6X 10 PLATED	1							
72	2	22190-100002	WASHER, SEAL 10	1							
73	2	23887-100002	PLUG, 10	1							
74	2	119717-61200	WEIGHT ASSY,GOVERNOR	1							
77	2	119660-61300	NUT	1							
78	2	129155-61341	SLEEVE	1							
79	2	129155-61460	BOLT, LIMITING	1							
80	2	22190-120002	WASHER, SEAL 12	2							
81	2	22372-040000	PIN, SNAP 4	1							
82	3	158552-61900	O-RING	1							
83	2	26106-060102	BOLT, M6X 10 PLATED	4							
84	2	26106-060142	BOLT, M6X 14 PLATED	2							
85	2	26106-060202	BOLT, M6X 20 PLATED	4							
86	2	26106-060452	BOLT, M6X 45 PLATED	3							
87	2	26736-120002	NUT, M12	1							
88	2	26756-060002	NUT, LOCK M6	1							
89	2	158601-61790	LIMITER ASSY, FUEL	1							
97	2	119761-61560	ANGLEICH ASSY	1							
130	2	129489-61700	SPRING, GOVERNOR	1							
131	2	129209-61930	NUT, CAP	1							
132	2	129209-61970	PLATE	1							
133	2	119233-77932	SOLENOID, STOP	1							

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
134	2	23414-120016	GASKET, 12X1.0	1							
137	1	129209-61961	CASE	1							2
138	1	24311-000160	O-RING, 1AP16.0	1							
140	1	119285-66650	CAP, HIGH-IDLE	1							2



Remarks
(1) Selective parts.
Certain the classification mark, then place your order(Refer to illustration).
(2) Spare parts.
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

Fig.12. FUEL INJECTION VALVE

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119517-53001	VALVE ASSY,INJECTION	3							
3	2	119517-53010	NOZZLE	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							
5	1	129150-59120	RETAINER, PIPE	1							
8	2	129150-59131	BOLT, M4X14	2							
9	1	119546-59810	PIPE ASSY, INJECTION	1							
10	1	119546-59820	PIPE ASSY, INJECTION	1							
11	1	119546-59830	PIPE ASSY, INJECTION	1							
12	1	119840-59570	JOINT	1							
13	1	119515-59540	PIPE ASSY, RETURN	1							
19	1	129901-59560	GASKET	3							
20	1	119540-59570	HOSE ASSY, RETURN	1							
20-1	1	119416-59520	PIPE ASSY, RETURN	1							N
(A=*2020.04.)											
20-2	1	119416-59521	PIPE ASSY, FO RETURN	1							N
(A=EP1928)											
21	2	124066-59100	CLAMP, HOSE 8	2							
22	2	119540-59560	HOSE ASSY, RETURN	1							
22-1	2	119416-59511	PIPE, FO RETURN	1							S
(A=EP1928)											
23	1	119620-59700	NUT, NOZZLE	3							
24	1	119813-59950	VALVE ASSY, CHECK	1							
30	1	22190-120002	WASHER, SEAL 12	2							
31	1	103854-39140	BOLT, PIPE JOINT	1							
32	1	101304-59020	JOINT, PIPE 12	1							
33	1	22190-120002	WASHER, SEAL 12	2							

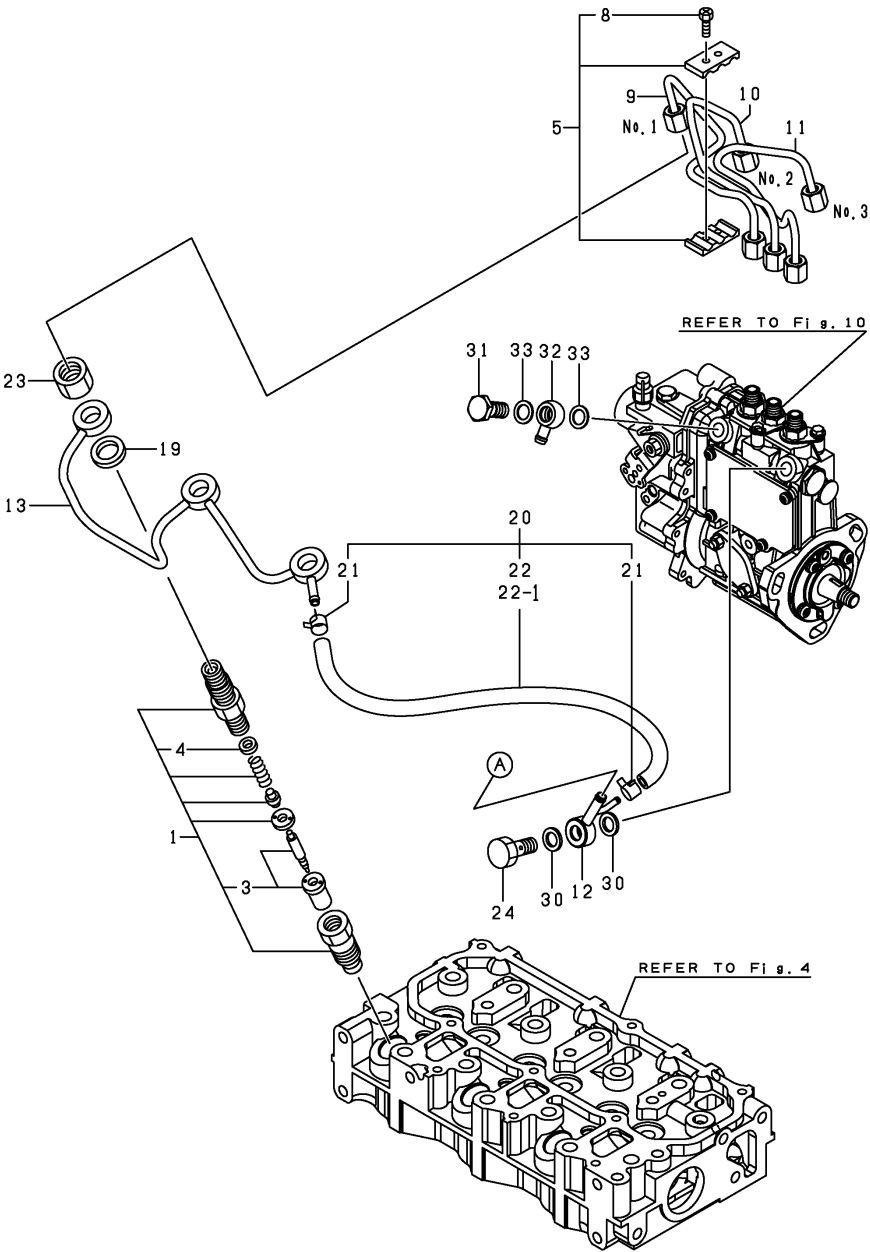
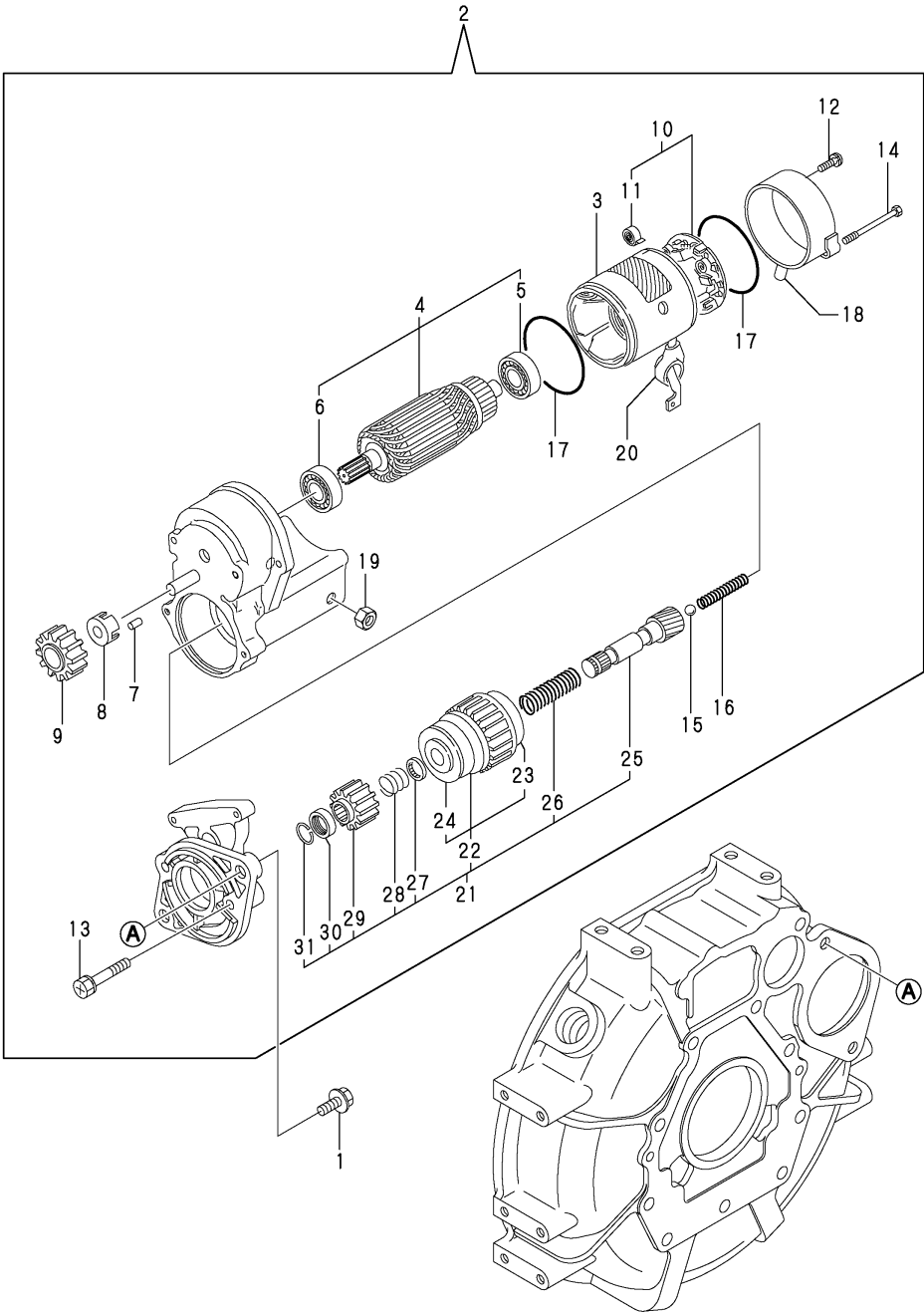


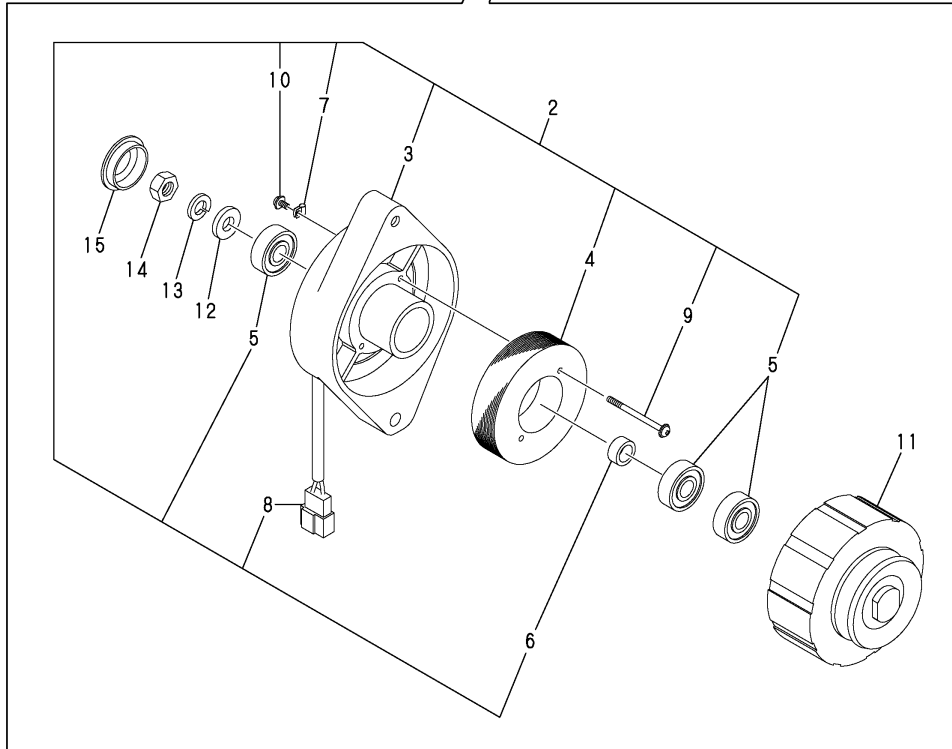
Fig.13. STARTER MOTOR

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100252	BOLT, M10X 25 PLATED	2							
2	1	119540-77010	STARTER ASSY	1							
3	2	129407-77210	YOKE ASSY	1							
4	2	129407-77220	ARMATURE ASSY	1							
5	3	129129-77230	BEARING, BALL	1							
6	3	129129-77240	BEARING, BALL	1							
7	2	X0283060061	ROLLER	5							
8	2	129129-77260	RETAINER	1							
9	2	129129-77270	PINION	1							
10	2	129407-77300	HOLDER ASSY	1							
11	3	X9491730461	SPRING	4							
12	2	129129-77460	SCREW	2							
13	2	129129-77320	BOLT	2							
14	2	129407-77330	BOLT	2							
15	2	X9491200240	BALL, STEEL	1							
16	2	129129-77340	SPRING	1							
17	2	129129-77350	O-RING	2							
18	2	129129-77362	COVER	1							
19	2	X9490561370	NUT	1							
20	2	129129-77380	CAP	1							
21	2	X1280996600	STARTER KIT	1							
22	3	129129-77390	CLUTCH ASSY	1							
23	4	129129-77440	BEARING, BALL	1							
24	4	129129-77450	BEARING, BALL	1							
25	3	129129-77400	SHAFT, STATER	1							
26	3	129129-77410	SPRING	1							
27	3	X0283270140	RETAINER	1							
28	3	129407-77410	SPRING	1							
29	3	X0283712350	PINION, STARTER	1							
30	3	X0280210230	NUT	1							
31	3	129129-77430	RING, SNAP	1							



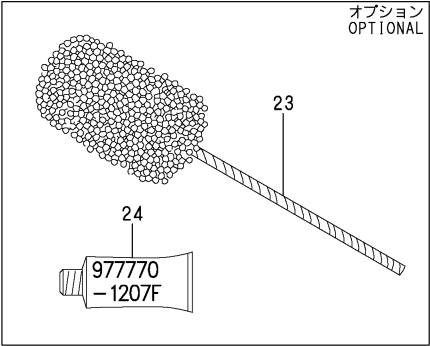
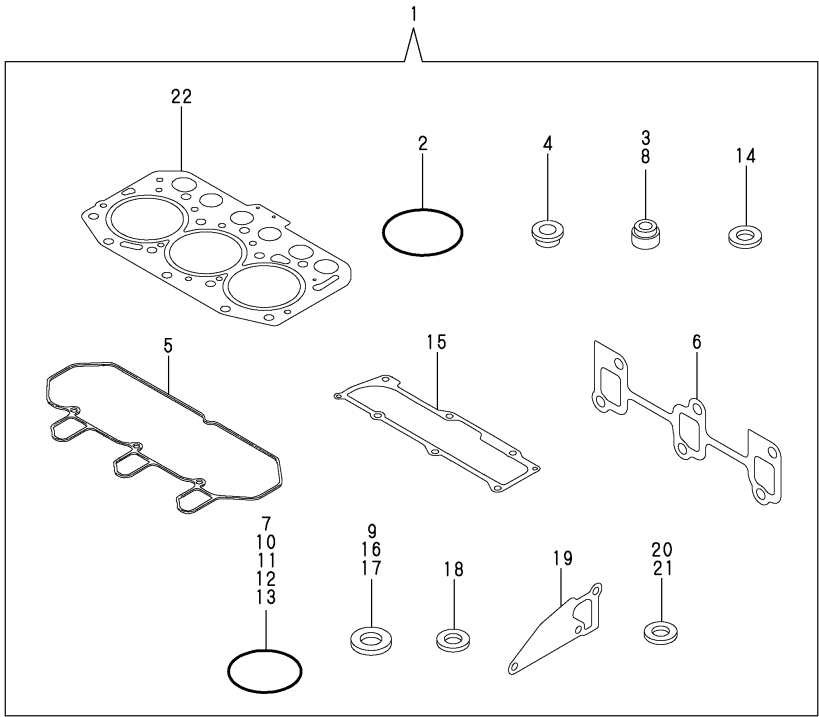


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119910-77200	DYNAMO ASSY	1							
2	2	X2A10592KA	PLATE ASSY	1							
3	3	X2A07075KB	PLATE, COIL	1							
4	3	X3A02982KC	STATOR ASSY	1							
5	3	24104-062010	BEARING, 6201UUC3	3							
6	3	X4A10092KA	COLLAR	1							
7	3	XM069000000	CLAMP	1							
8	3	XM771860000	COUPLER	1							
9	3	119259-77250	SCREW	2							
10	3	XYSPS400800	SCREW	1							
11	2	X3A08863KA	FLYWHEEL ASSY	1							
12	2	XM860250000	WASHER, 10	1							
13	2	XM219230000	WASHER, SPRING	1							
14	2	XM863720000	NUT	1							
15	2	XM771870000	CAP	1							
16	1	26106-080202	BOLT, M8X 20 PLATED	1							
17	1	119740-77250	BOLT, M10X75	1							
18	1	129972-77341	BOLT, ADJUST L=50	1							
19	1	26306-100002	NUT, M10	1							
20	1	119940-77270	SPACER	1							
21	1	119540-77300	ADJUSTER, BELT	1							

Fig.15. GASKET SET & TOOL

(A)=3TNV70-XBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719544-92600	GASKET SET	1							1
2	2	121850-51960	O-RING	1							
3	2	119717-11340	SEAL, VALVE STEM	3							
4	2	129901-11450	PROTECTOR, NOZZLE	3							
5	2	119515-11310	GASKET, BONNET	1							
6	2	119717-13110	GASKET, EXH MANIFOLD	1							
7	2	24341-000240	O-RING, 1AS24.0	1							
8	2	119717-11350	SEAL, VALVE STEM	3							
9	2	22190-080002	WASHER, SEAL 8	4							
10	2	24311-000320	O-RING, 1AP32.0	2							
11	2	119717-32060	O-RING, P15.0	1							
12	2	119624-32040	O-RING, P12.0	1							
13	2	119717-32050	O-RING, P17.0	3							
14	2	119600-11460	GASKET, NOZZLE	6							
15	2	119515-11330	GASKET	1							
16	2	22190-160002	WASHER, SEAL 16	1							
17	2	22190-120002	WASHER, SEAL 12	4							
18	2	129901-59560	GASKET	3							
19	2	119515-42020	GASKET, WATER PUMP	1							
20	2	23414-080000	GASKET, 8X1.0	1							
21	2	124465-44950	GASKET, 16	2							
22	2	119515-01330	GASKET, HEAD	1							
23	1	129400-92410	HONE, FLEX	1							1
24	1	977770-1207F	GASKET.LIQUID	1							1

Remarks
(1)Optional parts.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	12	32
103854-39140	12	31
105010-11490	4	5
105311-01090	1	5
114250-39450	8	10
118400-51370	10	54
119131-18320	5	6
119233-44740	9	19
119233-77932	11	133
119259-77250	14	9
119285-01990	1	8
119285-11990	4	12
119285-66650	11	140
119305-35170	8	3
119416-59511	12	22 -1
119416-59520	12	20 -1
119416-59521	12	20 -2
119515-01200	1	29
119515-01330	1	30
	15	22
119515-01601	3	2
119515-01720	3	7
119515-11101	4	16
119515-11110	4	17
119515-11200	4	24
119515-11240	4	25
119515-11280	4	29
119515-11310	4	48
	15	5
119515-11320	4	49
119515-11330	4	50
	15	15
119515-11380	4	38
119515-11740	4	6
119515-11800	4	10
119515-14400	6	2
119515-14581	6	3
119515-21590	7	8
119515-21700	7	1
119515-22080	7	14
119515-22300	7	20
119515-22500	7	16
119515-22550	7	31
119515-22900	7	29
119515-23000	7	22
119515-23601	7	27
119515-23611	7	35
119515-34801	8	1
119515-35080	8	5
119515-42001	9	1

Parts No.	Fig. No.	Ref. No.
119515-42002	9	1 -1
119515-42020	9	12
	15	19
119515-42041	9	2
119515-51100	10	9
119515-59540	12	13
119515-61440	11	24
119517-53001	12	1
119517-53010	12	3
119534-61420	11	30
119534-61430	11	20
119540-01780	3	11
119540-13100	5	1
119540-39910	3	13
119540-39930	3	14
119540-42290	9	18 -1
119540-59560	12	22
119540-59570	12	20
119540-61100	11	5
119540-77010	13	2
119540-77300	14	21
119546-59810	12	9
119546-59820	12	10
119546-59830	12	11
119600-11460	4	4
	15	14
119620-01750	3	3
119620-02020	1	9
119620-14200	6	1
119620-21500	7	7
119620-21941	7	13
119620-59700	12	23
119621-21680	7	12
119623-01250	1	6
119624-32040	2	17
	15	12
119656-39930	3	15
119660-01911	2	16
119660-61300	11	77
119660-61901	11	66
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01750	2	29
119717-01800	2	7
119717-02411	1	12
119717-03031	4	39
119717-03070	4	40
		41
119717-11131	4	18

Parts No.	Fig. No.	Ref. No.
119717-11190	4	20
119717-11260	4	28
119717-11340	4	14
	15	3
119717-11350	4	15
	15	8
119717-11650	4	30
119717-13110	5	2
	15	6
119717-13600	5	4
119717-21650	7	11
119717-23200	7	26
119717-23910	7	25
119717-25050	6	9
119717-25101	6	10
119717-25911	6	12
119717-25930	6	15
119717-32050	2	18
	15	13
119717-32060	8	4
	15	11
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-39210	8	11
119717-42031	9	3
119717-42320	9	10
119717-42350	9	17
119717-49800	9	23
119717-51030	10	5
119717-51060	10	6
119717-51070	10	7
119717-51150	6	16
	10	90
119717-51190	10	15
119717-51200	10	16
119717-51300	10	43
119717-51330	10	46
119717-51420	10	85
119717-51480	10	93
119717-51490	10	92
119717-51500	10	64
119717-51570	10	14
119717-51711	10	75
119717-51750	10	76
119717-51761	10	77
119717-61050	11	2
119717-61060	11	3
119717-61070	11	4

Parts No.	Fig. No.	Ref. No.
119717-61120	11	8
119717-61130	11	9
119717-61140	11	10
119717-61150	11	11
119717-61200	11	74
119717-61400	11	14
119717-77800	4	21
119717-77801	4	21 -1
119717-77810	4	21 -2
119717-77820	4	22
119718-07910	4	1
119734-01590	2	3
119740-77250	14	17
119761-61500	11	31
119761-61560	11	97
119802-03100	4	42
119802-03110	4	43
119802-03121	4	44
119802-03131	4	45
119802-03141	4	46
119802-13620	5	5
119802-32130	2	15
119810-02931	1	26
119810-02941	1	31
119813-59950	12	24
119840-59570	12	12
119910-77200	14	1
119940-77270	14	20
119C10-42320	9	10 -1
121120-01620	3	6
121250-44901	9	26
121267-44760	9	27
121520-34810	8	16
121850-51960	2	19
	15	2
122710-51090	10	8
124060-01050	1	4
124066-59100	12	21
124085-02220	3	10
124160-01751	2	27
	4	37
124160-01910	1	7
124465-44950	9	20
	15	21
124550-51350	10	47
124950-21600	7	10
129001-32320	2	11
129001-32330	2	12
129005-59830	8	12
129052-61390	11	13

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129100-01580	3	1
	7	2
129100-35140	8	2
129100-51570	10	70
129100-52200	10	97
129129-77230	13	5
129129-77240	13	6
129129-77260	13	8
129129-77270	13	9
129129-77320	13	13
129129-77340	13	16
129129-77350	13	17
129129-77362	13	18
129129-77380	13	20
129129-77390	13	22
129129-77400	13	25
129129-77410	13	26
129129-77430	13	31
129129-77440	13	23
129129-77450	13	24
129129-77460	13	12
129150-11230	4	31
129150-11750	4	33
129150-25301	6	14
129150-49360	9	28
129150-59120	12	5
129150-59131	12	8
129155-51020	10	4
129155-51140	10	12
129155-51280	10	41
		42
	11	6
129155-51400	10	56
129155-51450	10	59
129155-51521	10	65
129155-51530	10	66
129155-51540	10	67
129155-51550	10	68
129155-51580	10	72
129155-51591	10	73
129155-51600	10	21
129155-51701	10	74
129155-52051	10	96
129155-61341	11	78
129155-61450	11	21
129155-61460	11	79
129155-61480	11	23
129156-61460	11	22
129209-61370	11	12
129209-61930	11	131

Parts No.	Fig. No.	Ref. No.
129209-61961	11	137
129209-61970	11	132
129255-61410	11	67
129350-49530	9	22
129400-92410	15	23
129407-77210	13	3
129407-77220	13	4
129407-77300	13	10
129407-77330	13	14
129407-77410	13	28
129486-61540	11	50
129486-61650	11	60
129489-61700	11	130
129508-11180	4	19
129900-32130	2	10
129901-11450	4	3
	15	4
129901-53800	12	4
129901-59560	12	19
	15	18
129916-49740	9	11
129972-77341	14	18
158552-61700	11	61
158552-61710	11	65
158552-61900	11	82
158600-51170	10	13
158600-51270	10	40
158600-51410	10	57
158600-51420	10	58
158600-51442	10	48
158600-51570	10	71
158600-51790	10	78
158601-61790	11	89
171056-49120	9	16
171056-49351	9	25
174307-51700	11	32
22190-080002	8	13
		15
	15	9
22190-100002	11	72
22190-120002	11	80
	12	30
		33
	15	17
22190-160002	10	80
	15	16
22217-060000	10	81
22217-120000	6	17
	10	91
22242-000120	4	34

Parts No.	Fig. No.	Ref. No.
22252-000220	7	21
22272-000030	11	68
22351-050010	10	82
22351-060012	4	23
22372-040000	11	81
22512-040120	7	4
22857-500100	4	51
		52
22857-500160	4	53
23001-022000	3	16
		17
23414-080000	9	13
	15	20
23414-120016	11	134
23857-030000	8	14
23876-005000	4	13
23876-030000	2	6
23887-100002	11	73
24101-060034	10	83
24101-063034	10	84
24104-062010	14	5
24311-000160	11	138
24311-000320	2	28
	4	54
	15	10
24316-000150	10	55
24341-000070	11	70
24341-000240	15	7
25132-003500	9	18
26022-050122	10	86
26022-060162	10	87
26106-050102	10	88
26106-060102	8	9
	11	69
		71
		83
26106-060122	2	20
	3	8
	6	8
26106-060142	11	84
26106-060162	2	21
26106-060202	4	55
	11	85
26106-060252	3	9
26106-060302	9	21
26106-060352	6	13
26106-060402	2	22
		23
26106-060452	3	4
	11	86

Parts No.	Fig. No.	Ref. No.
26106-060602	2	24
26106-060652	2	25
26106-060752	4	56
26106-080122	9	14
26106-080162	4	2
26106-080202	9	24
	14	16
26106-080402	4	36
26106-080502	9	15
26106-100252	13	1
26206-100252	3	5
26306-080002	2	26
	5	3
26306-100002	14	19
26577-060122	9	8
26716-060002	10	89
26716-120002	6	18
	10	79
26736-120002	11	87
26756-060002	11	88
26979-050162	4	35
27241-120000	1	13
27241-250000	9	9
719515-01560	1	1
719540-51450	10	1
719544-92600	15	1
719717-02901	1	14
719717-02911	1	34
719734-01500	2	4
977770-1207F	15	24
X0280210230	13	30
X0283060061	13	7
X0283270140	13	27
X0283712350	13	29
X1280996600	13	21
X2A07075KB	14	3
X2A10592KA	14	2
X3A02982KC	14	4
X3A08863KA	14	11
X4A10092KA	14	6
X9490561370	13	19
X9491200240	13	15
X9491730461	13	11
XM0690000000	14	7
XM219230000	14	13
XM771860000	14	8
XM771870000	14	15
XM860250000	14	12
XM863720000	14	14
XYSPS400800	14	10