

OCK10-M37902EN

P R E F A C E

1. This Parts Catalog carries Yanmar crawler back-hoe Vio15-2.

2. Parts catalog history

	Parts catalog NO.	Published	Remarks
1st edition	000Y00K3790	Oct., 2001	Disuse old edition
1st revised	000Y00K3791	Apr., 2003	Disuse old edition
2nd revised	000Y00K3792	Nov., 2005	

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio15-2 (JP)	20501~	2001/8~
	(B)	Vio15-2 (EX)		
II (Engine)	(A)	3TNE68-EBVA	78115~	2001/7~

(Note) JP:Japan EX:export except U. S. A. & Australia.

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.

Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155, (4JH-DT, 4JH-DTZ)

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

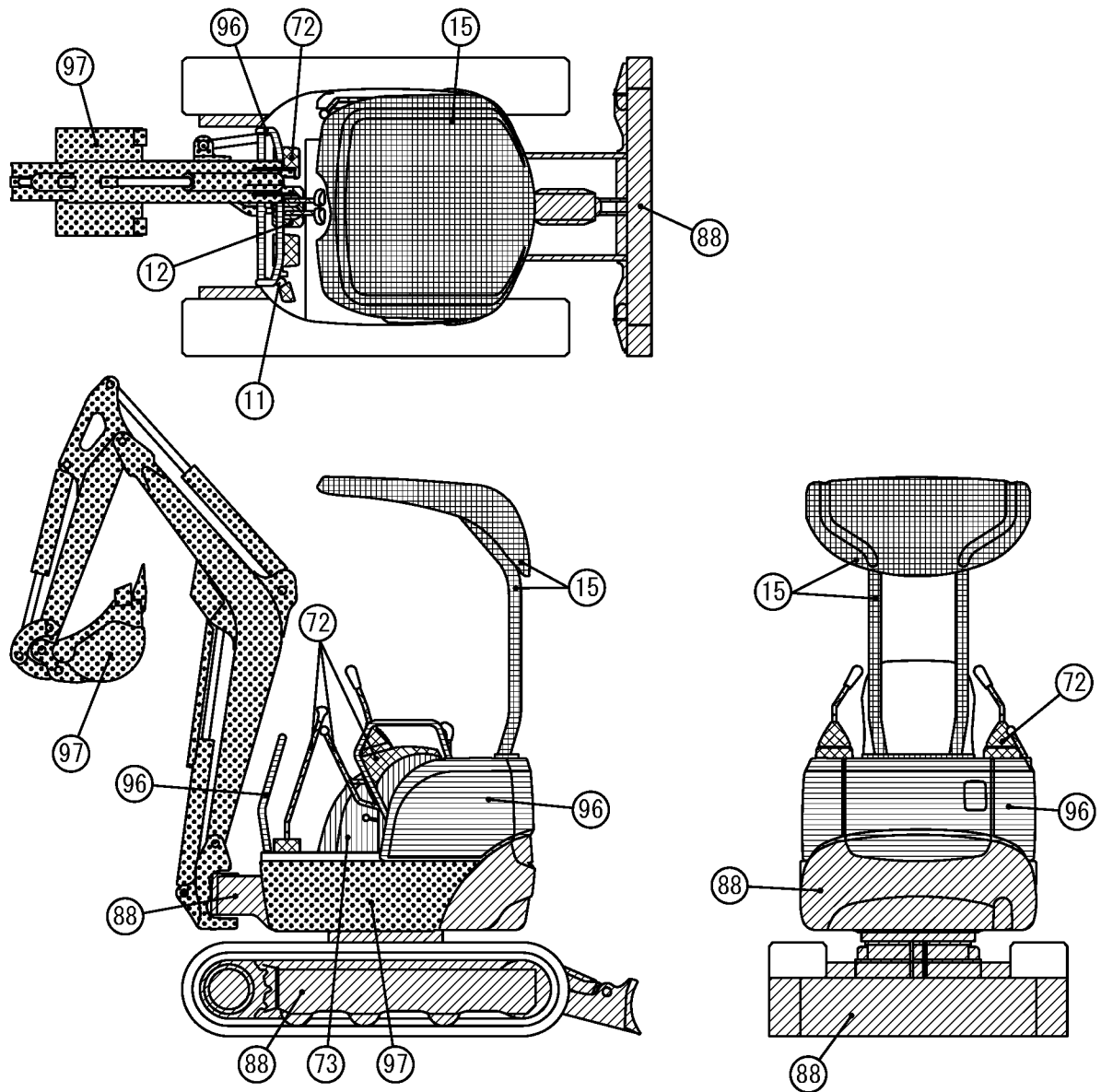
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

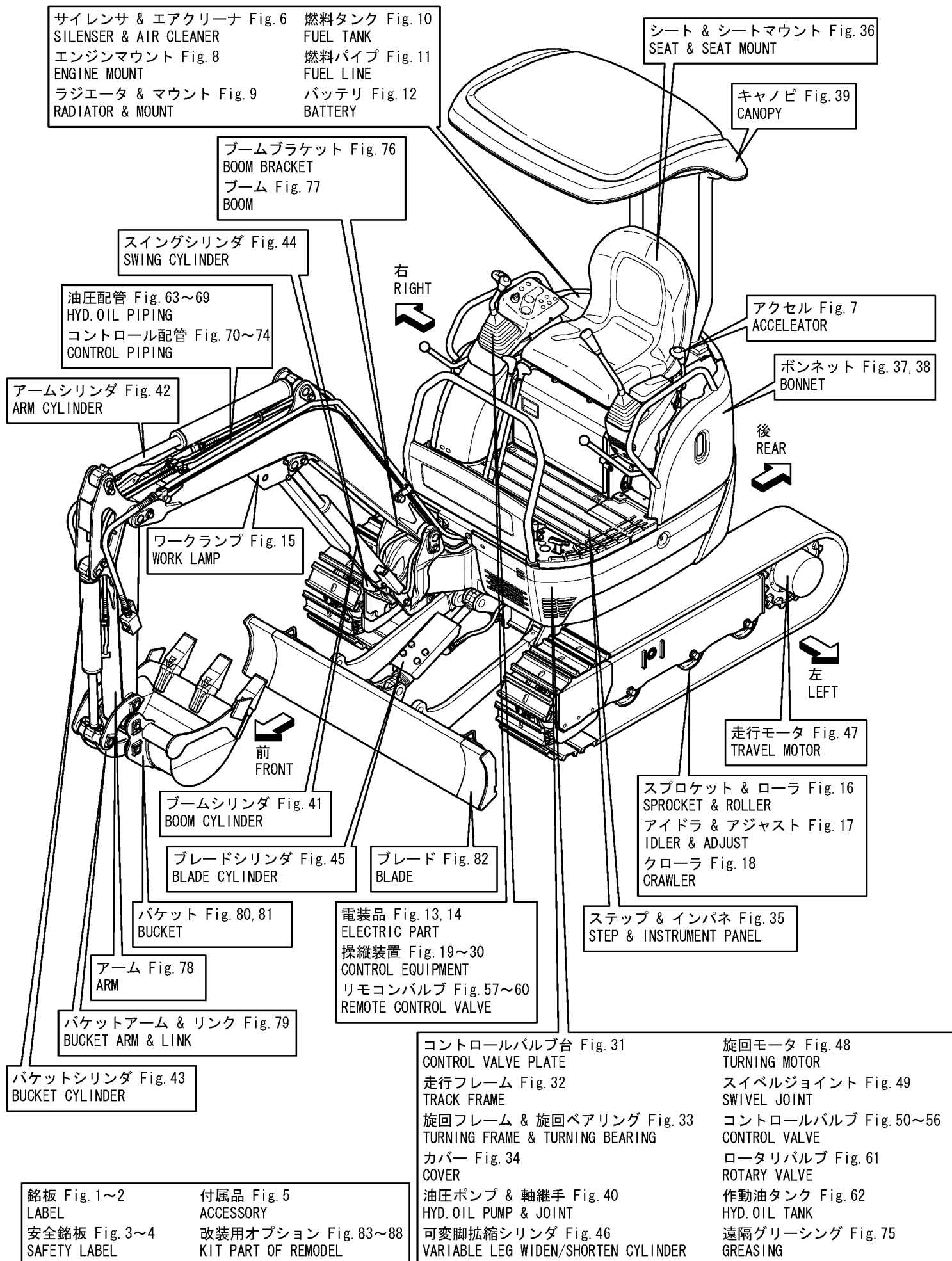
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

本機塗装色 VEHICLE PAINTED COLOR

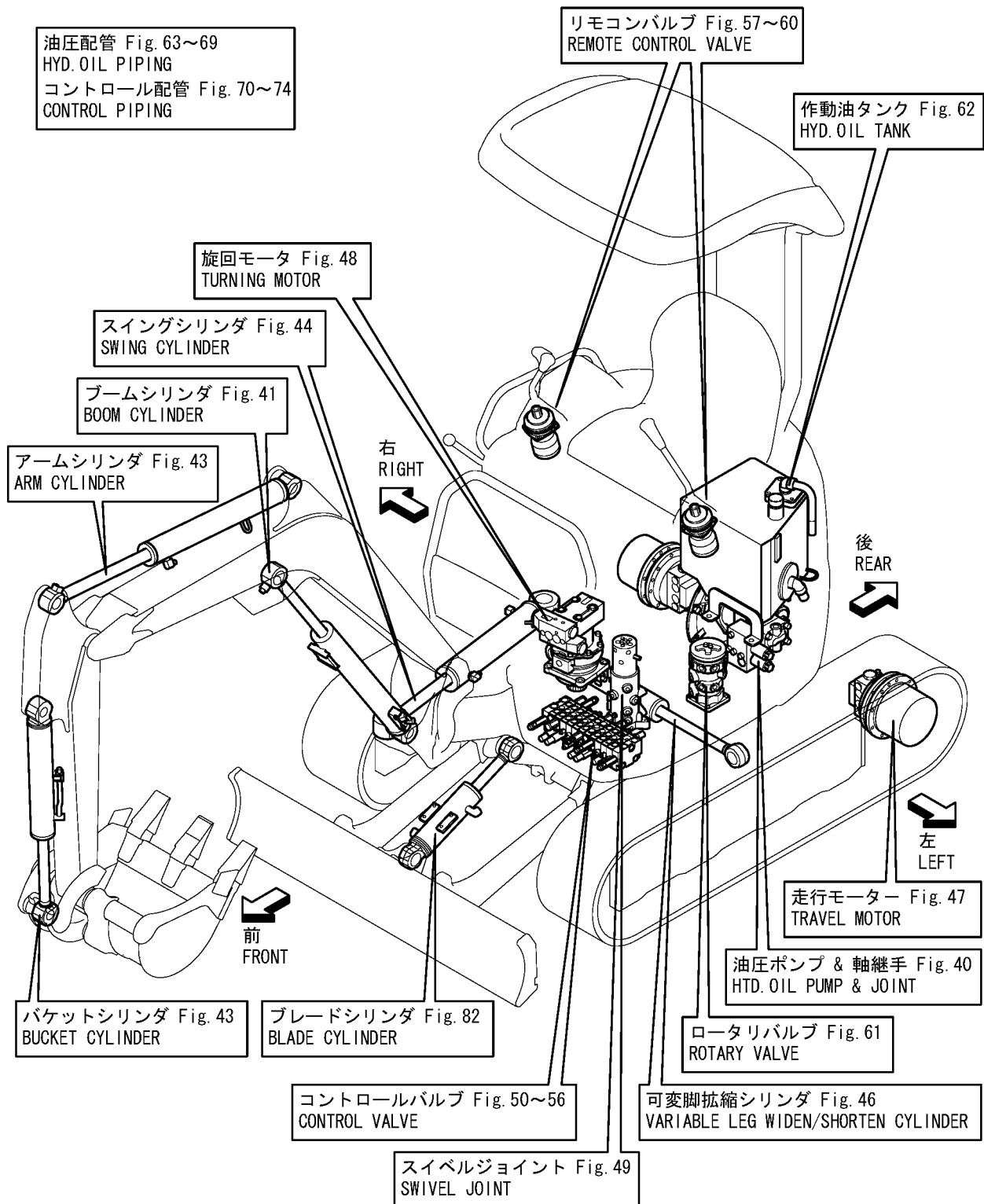


色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	マンセル記号 Munsell No.	塗料部品番号 (Paint Part No.)		
				16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
⑧⑧		ヤンマー新ディープグリーン YANMAR New Deep Green	0. 6B2. 2/4. 2	981101-09588	977620-40880	977620-30881
⑨⑦		ヤンマーピーコックグリーン YANMAR Peacock Green	3. 85B65. 31/9. 15	981101-09597	977620-40970	977620-30971
⑨⑥		ヤンマーシトラスグリーン YANMAR Citrus Green	4. 84GY8. 42/6. 99	981101-09599	977620-40990	977620-30991
⑦②		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	5. 39Y2. 92/0. 78	-----	977620-40720	TOR-90460003
⑮		ナチュラルホワイト Natural White	1. 38GY7. 15/0. 48	-----	-----	977620-30301
⑦③		ヤンマーワームグレー YANMAR Warm Gray	7Y5. 3/0. 8	-----	-----	TOR-90450003
⑫		ヤンマーブラック YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
⑪		ヤンマーレッド YANMAR Black	7. 5R4/14	-----	977620-40010	TOR-90000003

PICTURESQUE INDEX (1) . . . MAIN PARTS



絵目次 (2) 油圧関係 PICTURESQUE INDEX (2) HYDRAULIC SECTION



Contents

OCK10-M37902

Fig. No. Fig. Name

LABEL & ACCESSORY

1. LABEL(JP)
2. LABEL(EX)
3. SAFETY LABEL(JP)
4. SAFETY LABEL(EX)
5. ACCESSORY

ENGINE RELATED

6. SILENSER & AIR CLEANER
7. ACCELERATOR
8. ENGINE MOUNT
9. RADIATOR & MOUNT
10. FUEL TANK
11. FUEL LINE

ELECTRICAL PARTS

12. BATTERY
13. ELECTRIC PART(WIRING)
14. ELECTRIC PART(EQUIPMENT)
15. WARK LAMP

TRAVELING

16. SPROCKET & ROLLER
17. IDLER & ADJUST
18. CRAWLER

Fig. No. Fig. Name

CONTROL EQUIPMENT

19. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)A-SPEC.
20. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)B-SPEC.
21. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)A-SPEC.
22. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)B-SPEC.
23. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)
24. CONTROL EQUIPMENT(OPERATION LEVER)
25. CONTROL EQUIPMENT(BLADE LEVER)
26. CONTROL EQUIPMENT(VARIABLE LEG LEVER)
27. CONTROL EQUIPMENT(SWING PEDAL)
28. CONTROL EQUIPMENT(LOW-HIGH PEDAL)
29. CONTROL EQUIPMENT(P.T.O. PEDAL)
30. CONTROL EQUIPMENT(P.T.O. LINK)
31. CONTROL VALVE PLATE

FRAME

32. TRACK FRAME
33. TURNING FRAME & TURNING BEARIN

COVER

34. COVER

AROUND SEAT

35. STEP & INSTRUMENT PANEL

Contents

OCK10-M37902

Fig. No. Fig. Name

36. SEAT & SEAT MOUNT

BONNET

37. BONNET(1)

38. BONNET(2)

CANOPY

39. CANOPY

HYDRAULIC OIL EQUIPMENT

40. HYD.OIL PUMP & JOINT

41. BOOM CYLINDER

42. ARM CYLINDER

43. BUCKET CYLINDER

44. SWING CYLINDER

45. BLADE CYLINDER

46. VARIABLE LEG WIDEN / SHORTEN CYLINDER

47. TRAVEL MOTOR

48. TURNING MOTOR

49. SWIVEL JOINT(Y SPEC.)

89. (49A)SWIVEL JOINT(N SPEC.)

50. CONTROL VALVE(1/7)

51. CONTROL VALVE(2/7)

52. CONTROL VALVE(3/7)

53. CONTROL VALVE(4/7)

Fig. No. Fig. Name

54. CONTROL VALVE(5/7)

55. CONTROL VALVE(6/7)

56. CONTROL VALVE(7/7)

57. REMOTE CONTROL VALVE

58. REMOTE CONTROL VALVE(STD-A-SPEC.)

59. REMOTE CONTROL VALVE(STD-B-SPEC.)

60. REMOTE CONTROL VALVE(2-WAY SPEC.)

61. ROTARY VALVE(4-WAY SPEC.)

62. HYD.OIL TANK

HYDRAULIC OIL PIPING

63. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)

64. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR, BOOM)

65. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT, SWING CYLINDER)

66. HYD.OIL PIPING(RETURN)

67. HYD.OIL PIPING(TRACK FRAME)

68. HYD.OIL PIPING(BOOM)

69. HYD.OIL PIPING(P.T.O.)

70. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : A-SPEC.)

71. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : B-SPEC.)

72. CONTROL PIPING(REMOTE CONTROL V. - CONTROL V. : STD SPEC.)

73. CONTROL PIPING(REMOTE CONTROL V. - ROTARY V. : 4-WAY SPEC.)

74. CONTROL PIPING(ROTARY VALVE - CONTROL VALVE : 4-WAY SPEC.)

75. GREASING

Contents

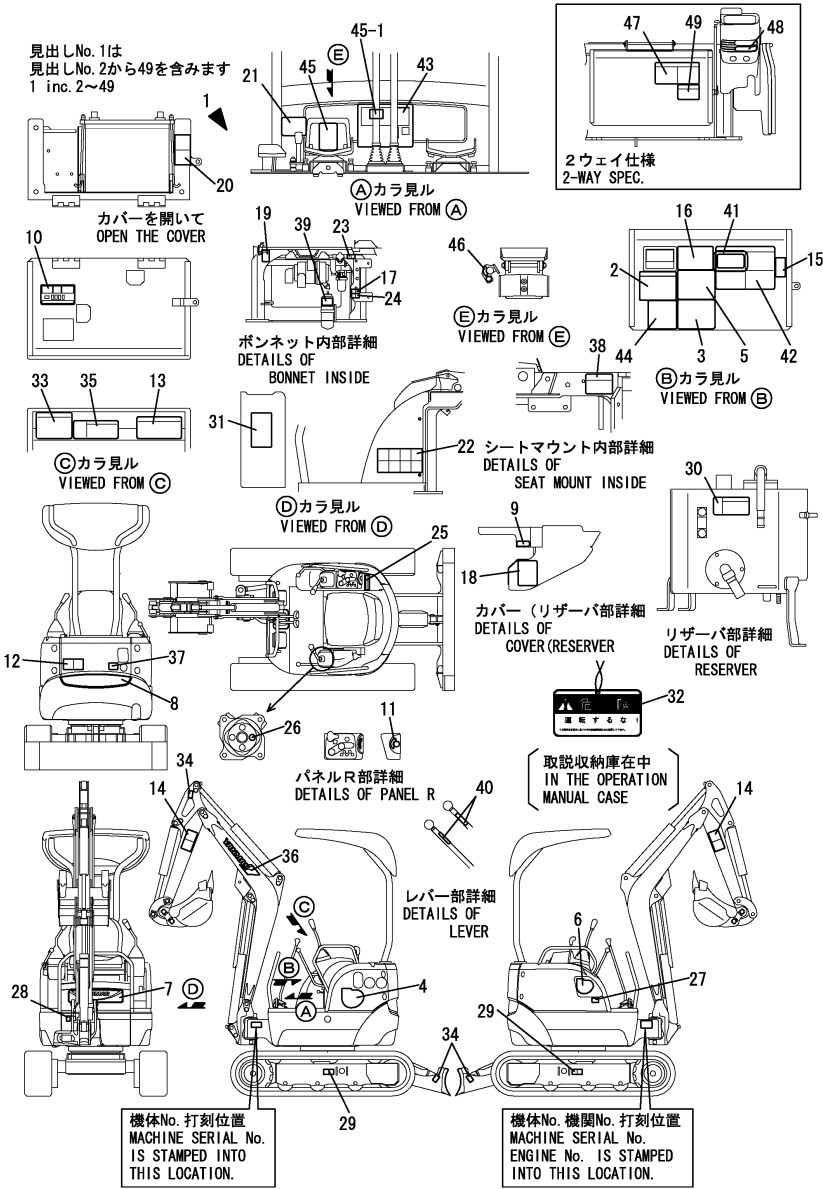
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Fig. No.	Fig. Name	Fig. No.	Fig. Name
IMPLEMENT			
76.	BOOM BRACKET		
77.	BOOM		
78.	ARM		
79.	BUCKET ARM & LINK		
80.	BUCKET(S-TYPE)		
81.	BUCKET(H-TYPE)		
82.	BLADE		
OPTIONAL & KIT			
83.	ONE-TOUCH DECEL KIT(OPTIONAL)		
84.	4-WAY MULTI VALVE KIT(OPTIONAL)		
85.	TRAVEL ALARM KIT(OPTIONAL)		
86.	2-WAY MULTI VALVE KIT(OPTIONAL)		
87.	C,D PATTERN KIT(OPTIONAL)		
88.	P.T.O. KIT(OPTIONAL)		

Fig.1. LABEL(JP)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



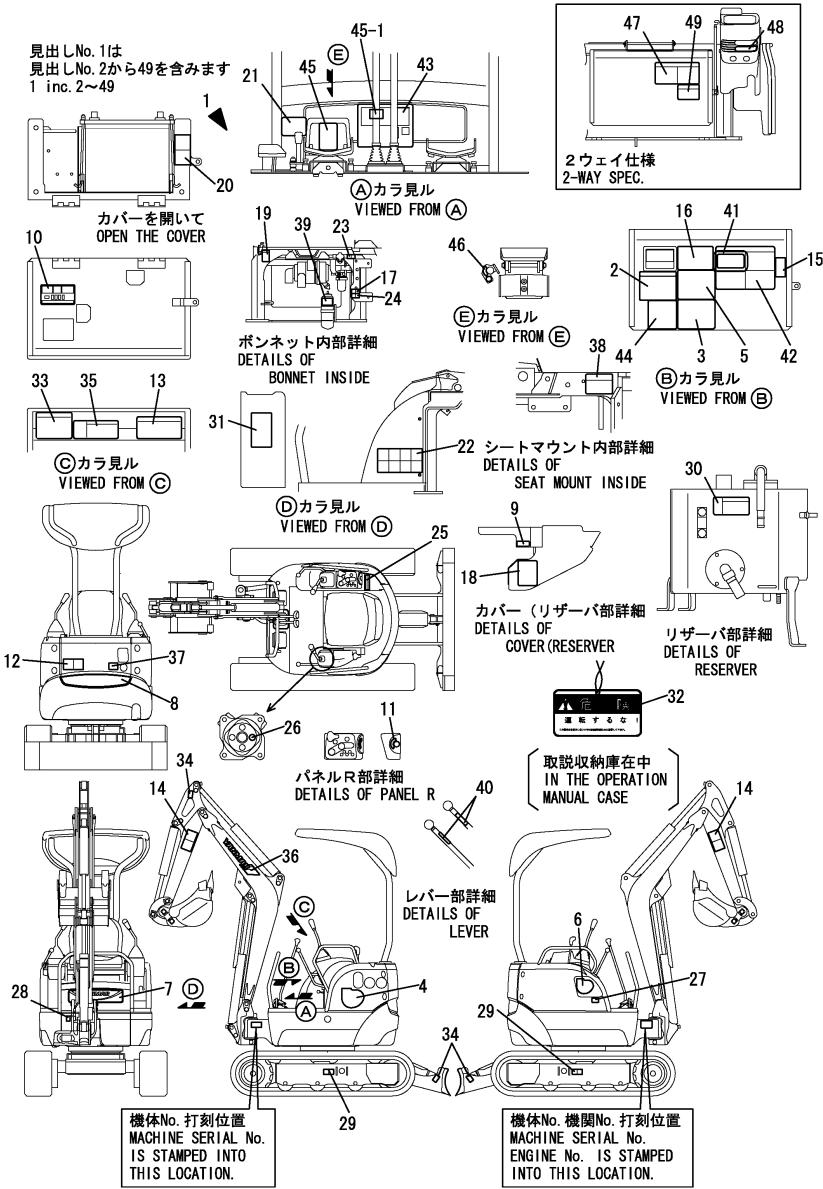
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-03100	LABEL SET,VIO15-2	1							
1-1	1	772448-03101	LABEL SET,VIO15-2	1							N
(A=M/#20941)											
2	2	172448-03110	LABEL,SPECIFICATION	1							
2-1	2	172448-03111	LABEL	1							N
(A=M/#20941)											
2-2	2	172448-03112	LABEL, SPECIFICATION	1							N
(A=M/#26480)											
3	2	172448-03120	LABEL,OIL&WATER	1							
4	2	172448-03130	LABEL,MODEL L	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172448-03140	LABEL,MODEL R	1							
7	2	172458-03140	LABEL, FRONT	1							
8	2	172448-03150	LABEL,REAR	1							
9	2	172519-03151	LABEL,ACCELERATOR	1							
9-1	2	172519-03150	LABEL, ACCEL	1							N
(A=M/#20501)											
10	2	172448-03160	LABEL,FUSE	1							
11	2	172157-03170	LABEL, KEY SWITCH	1							
12	2	172444-03170	LABEL	1							
13	2	172448-03170	LABEL,WARNING V.LEG	1							
14	2	172444-03180	LABEL	2							
14-1	2	172444-03181	LABEL	2							R
(A=M/#25741)											
15	2	172448-03180	LABEL,W/S OPERATION	1							
16	2	172458-03181	LABEL, LIFTING	1							
17	2	172448-03190	LABEL,FAN	1							
18	2	172458-03190	LABEL,OILING	1							
19	2	172141-03202	LABEL,CAUTION	1							
20	2	172450-03200	LABEL,BATTERY	1							
21	2	172147-03210	LABEL,2 SPEED	1							Z
(A=M/#21434)											
22	2	172444-03210	LABEL	1							
23	2	172446-03210	LABEL,BURN	1							
24	2	172446-03220	LABEL,BELT	1							
25	2	172444-03240	LABEL	1							
26	2	172173-03250	LABEL	1							
27	2	172183-03250	LABEL,FUEL	1							
28	2	172444-03250	LABEL	1							
29	2	172444-03280	LABEL	2							
30	2	172142-03302	LABEL,CAUTION	1							
31	2	172964-03370	LABEL	1							
32	2	172964-03481	TAG ASSY, CAUTION	1							
33	2	172164-03510	LABEL,LOADING	1							
34	2	172437-03510	LABEL,HOOK	3							
35	2	172164-03540	LABEL	1							
36	2	172519-03680	LABEL,BRAND	1							
37	2	172519-04180	LABEL,WARNING	1							
38	2	172519-04290	LABEL,WARNING	1							
39	2	121470-44540	LABEL, SUB-TANK	1							
40	2	172183-03280	LABEL,LOCK	2							

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.
(3)P.T.O. SPEC.
(4)2-WAY SPEC.

Fig.1. LABEL(JP)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

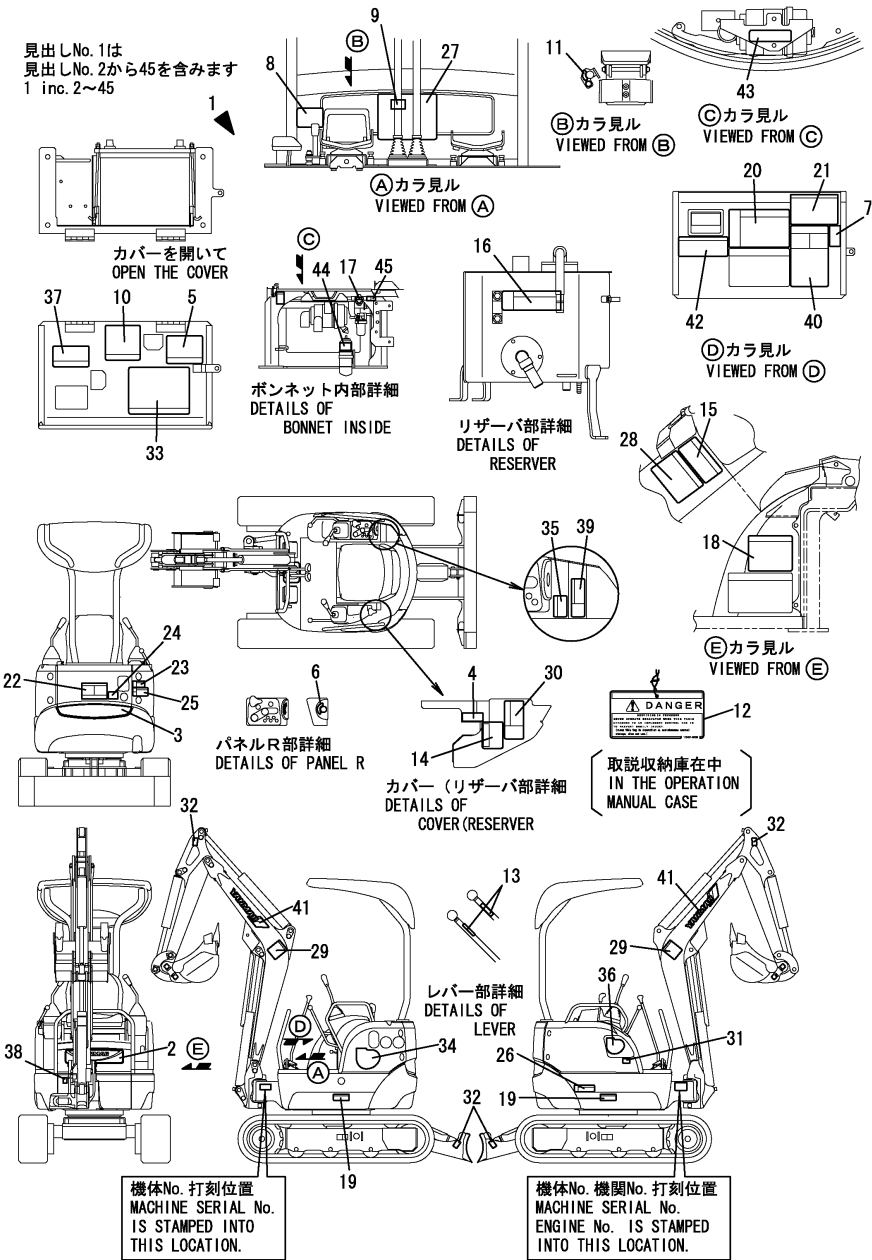
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	2	172444-03290	MAGNET	1							1
42	2	172151-03551	LABEL	1							1
43	2	172151-03540	LABEL,PATTERN A	1							
43-1	2	172490-03200	LABEL	1							N
(A=M/#21434)											
44	2	172165-03240	LABEL	1							2
45	2	172165-03231	LABEL, P.T.O.	1							3
45-1	2	172496-03250	LABEL, P.T.O.	1							N
(A=M/#21434)											
46	2	172458-03240	LABEL,LOCK	1							3
47	1	172458-03550	LABEL	1							4
48	1	172458-03560	LABEL	1							4
49	1	172458-03570	LABEL	1							4

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.
(3)P.T.O. SPEC.
(4)2-WAY SPEC.

Fig.2. LABEL(EX)

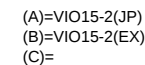


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-03120	LABEL SET,VIO15-2 EX		1						
2	2	172458-03140	LABEL, FRONT		1						
3	2	172448-03150	LABEL,REAR		1						
4	2	172519-03150	LABEL, ACCEL		1						
5	2	172472-03160	LABEL,GREASE		1						
6	2	172157-03170	LABEL, KEY SWITCH		1						
7	2	172448-03180	LABEL,W/S OPERATION		1						
8	2	172147-03210	LABEL,2 SPEED		1						Z
(B=M/#21434)											
9	2	172496-03250	LABEL, P.T.O.		1						1
10	2	172437-03241	LABEL,CRAWLER		1						
11	2	172458-03240	LABEL,LOCK		1						1
12	2	172437-03250	TAG ASSY, CAUTION		1						
13	2	172183-03280	LABEL,LOCK		2						
14	2	172463-03290	LABEL,HYD.OIL US		1						
15	2	172437-03310	LABEL,SLOPE		1						
16	2	172437-03320	LABEL,HYD.OIL TANK		1						
16-1	2	172437-03321	LABEL,HYD.OIL TANK		1						R
(B=M/#21339)											
17	2	172462-03320	LABEL		1						
18	2	172437-03340	LABEL,TRANSPORT		1						
18-1	2	172437-03341	LABEL,TRANSPORT		1						R
(B=M/#21339)											
19	2	172437-03351	LABEL,GREASE CYL.		2						
20	2	172437-03360	LABEL,BATTERY		1						
21	2	172437-03371	LABEL		1						
22	2	172437-03380	LABEL,SWING AREA		1						
23	2	172437-03390	LABEL,RADIATOR		1						
24	2	172437-03400	LABEL,ENG.HOOD		1						
25	2	172437-03410	LABEL,ENG.ROOM		1						
26	2	172437-03421	LABEL,MUFFLER		1						
27	2	172490-03200	LABEL		1						
28	2	172437-03431	LABEL,STEERING		1						
29	2	172437-03460	LABEL, BOOM		2						
30	2	172437-03470	LABEL,LEVER LOCK		1						
31	2	172437-03500	LABEL,FUEL		1						
32	2	172437-03510	LABEL,HOOK		4						
33	2	172448-03510	LABEL,OIL&WATER		1						
34	2	172448-03520	LABEL,VIO15 L		1						
34-1	2	172448-03521	LABEL, MODEL L US		1						N
(B=M/#26296)											
35	2	172437-03530	LABEL,RE-START		1						
36	2	172448-03530	LABEL,VIO15 R		1						
36-1	2	172448-03531	LABEL, MODEL R US		1						N
(B=M/#26296)											
37	2	172448-03540	LABEL,FUSE		1						
38	2	172448-03590	LABEL,GREASE		1						
39	2	172448-03600	LABEL,MANUAL US		1						
40	2	172446-03651	LABEL,VARIABLE US		1						
41	2	172519-03680	LABEL,BRAND		2						
42	2	172448-03701	LABEL,SPECIFICATION		1						

Fig.2. LABEL(EX)



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

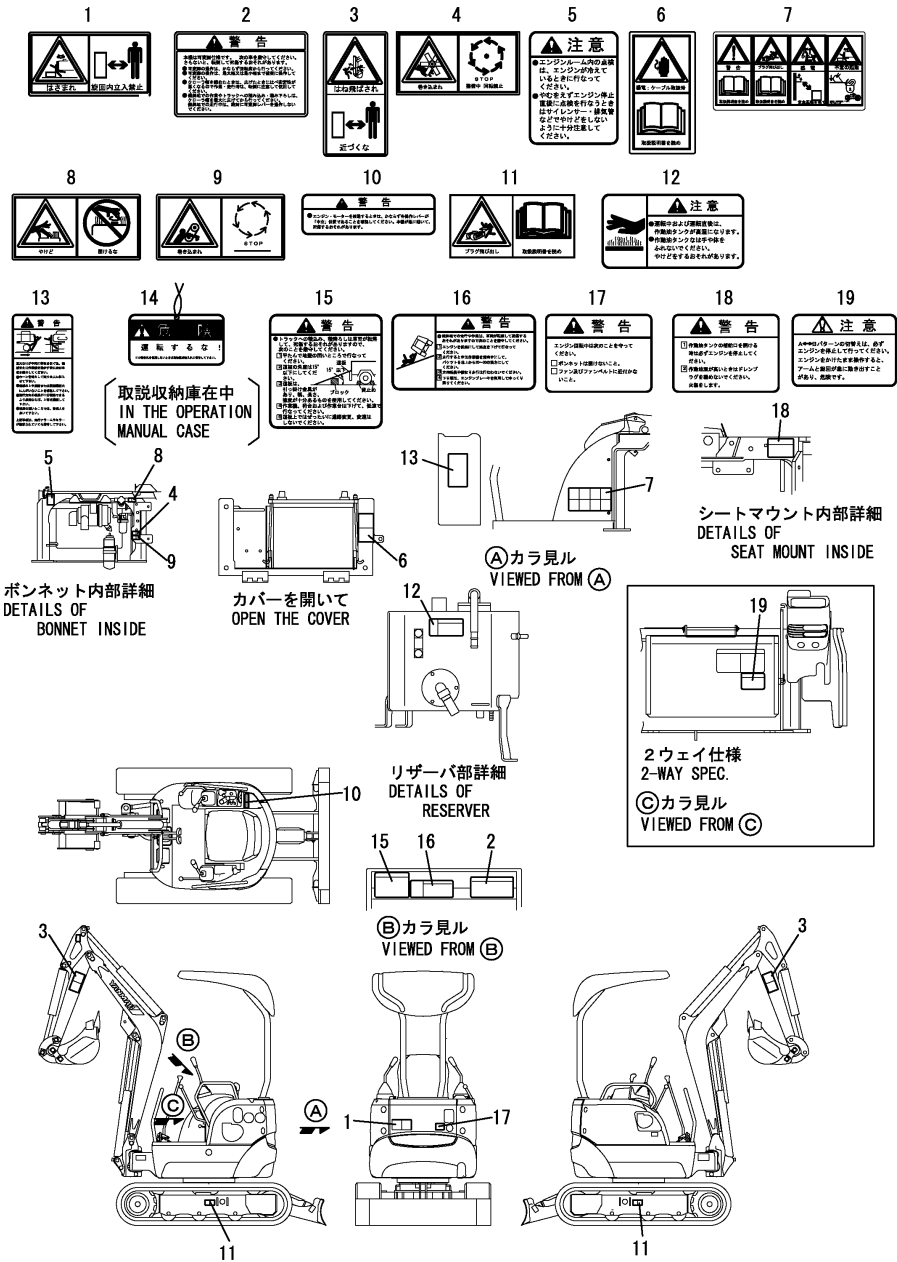
[illegible]

Remarks
(1)P.T.O. SPEC.

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

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Fig.3. SAFETY LABEL(JP)



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

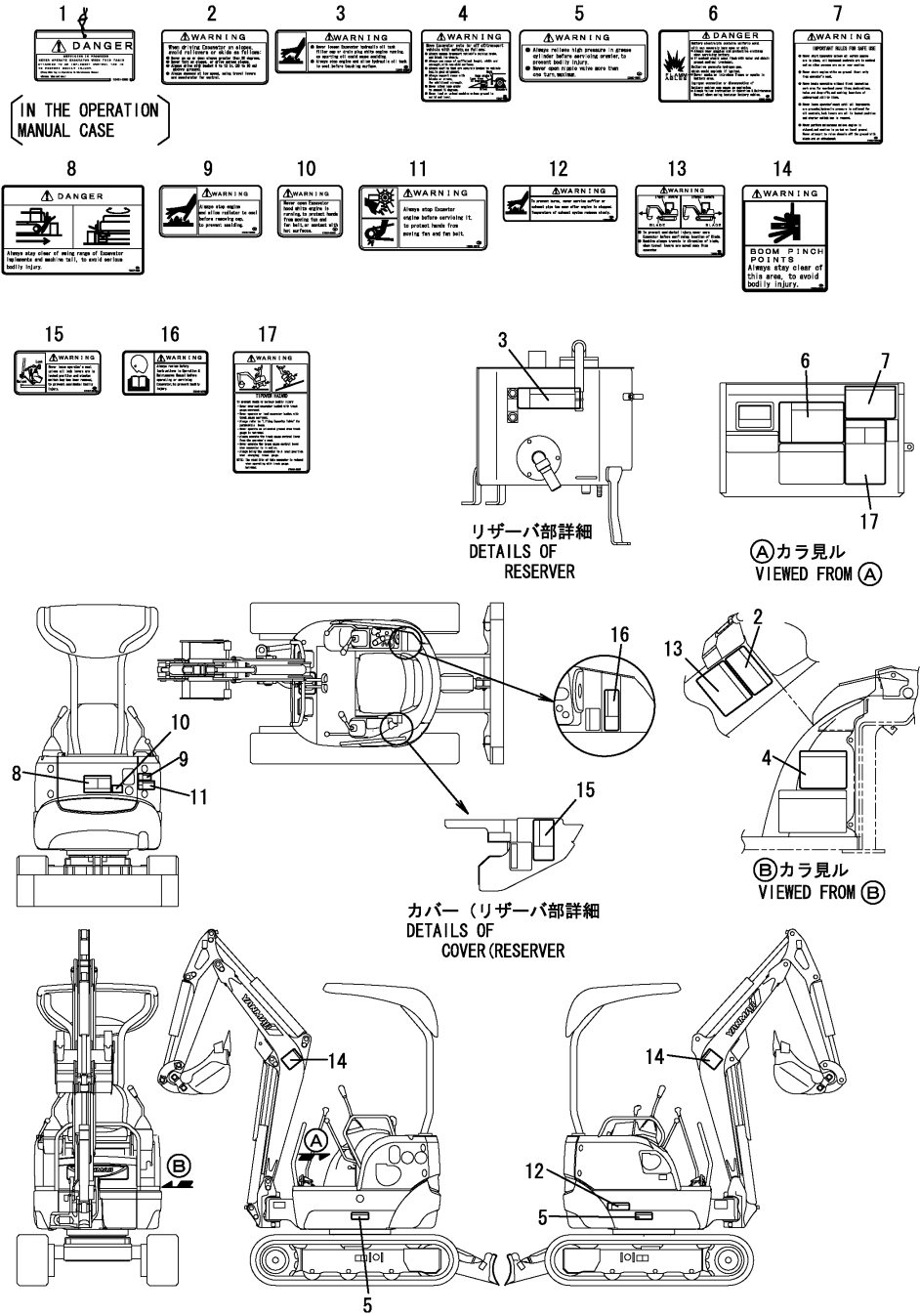
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL	1							
2	1	172448-03170	LABEL,WARNING V.LEG	1							
3	1	172444-03180	LABEL	2							
3-1	1	172444-03181	LABEL	2							N
(A=MI#25741)											
4	1	172448-03190	LABEL,FAN	1							
5	1	172141-03202	LABEL,CAUTION	1							
6	1	172450-03200	LABEL,BATTERY	1							
7	1	172444-03210	LABEL	1							
8	1	172446-03210	LABEL,BURN	1							
9	1	172446-03220	LABEL,BELT	1							
10	1	172444-03240	LABEL	1							
11	1	172444-03280	LABEL	2							
12	1	172142-03302	LABEL,CAUTION	1							
13	1	172964-03370	LABEL	1							
14	1	172964-03481	TAG ASSY, CAUTION	1							
15	1	172164-03510	LABEL,LOADING	1							
16	1	172164-03540	LABEL	1							
17	1	172519-04180	LABEL,WARNING	1							
18	1	172519-04290	LABEL,WARNING	1							
19	1	172458-03570	LABEL	1							1

Remarks
(1)2-WAY SPEC.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172437-03250	TAG ASSY, CAUTION	1							
2	1	172437-03310	LABEL,SLOPE	1							
3	1	172437-03320	LABEL,HYD.OIL TANK	1							
3-1	1	172437-03321	LABEL,HYD.OIL TANK (B=M/#21339)	1							R
4	1	172437-03340	LABEL,TRANSPORT	1							
4-1	1	172437-03341	LABEL,TRANSPORT (B=M/#21339)	1							R
5	1	172437-03351	LABEL,GREASE CYL.	2							
6	1	172437-03360	LABEL,BATTERY	1							
7	1	172437-03371	LABEL	1							
8	1	172437-03380	LABEL,SWING AREA	1							
9	1	172437-03390	LABEL,RADIATOR	1							
10	1	172437-03400	LABEL,ENG.HOOD	1							
10-1	1	172437-03401	LABEL (ENG COVER US (B=M/#21339)	1							R
11	1	172437-03410	LABEL,ENG.ROOM	1							
11-1	1	172437-03411	LABEL (ENG ROOM US (B=M/#21339)	1							R
12	1	172437-03421	LABEL,MUFFLER	1							
13	1	172437-03431	LABEL,STEERING	1							
14	1	172437-03460	LABEL, BOOM	2							
15	1	172437-03470	LABEL,LEVER LOCK	1							
16	1	172448-03600	LABEL,MANUAL US	1							
17	1	172446-03651	LABEL,VARIABLE US	1							

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

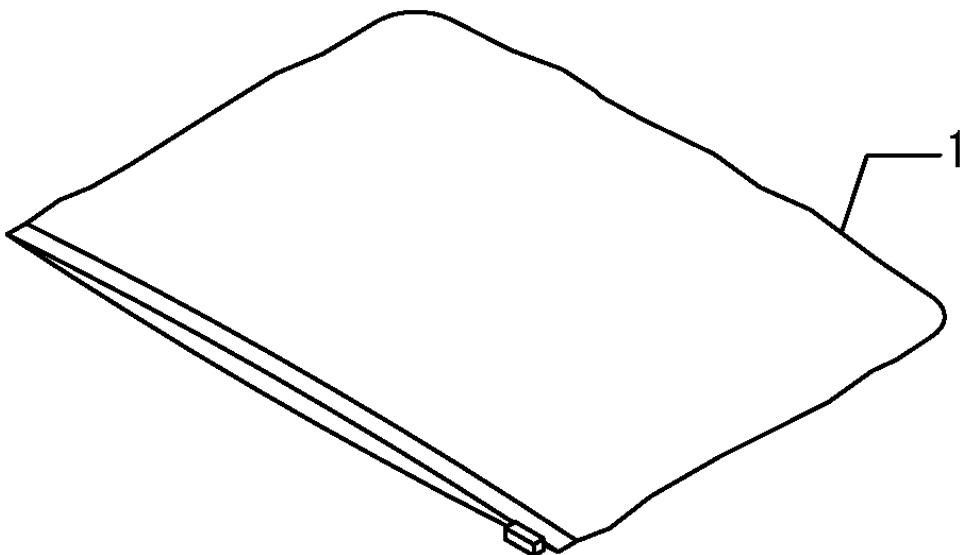
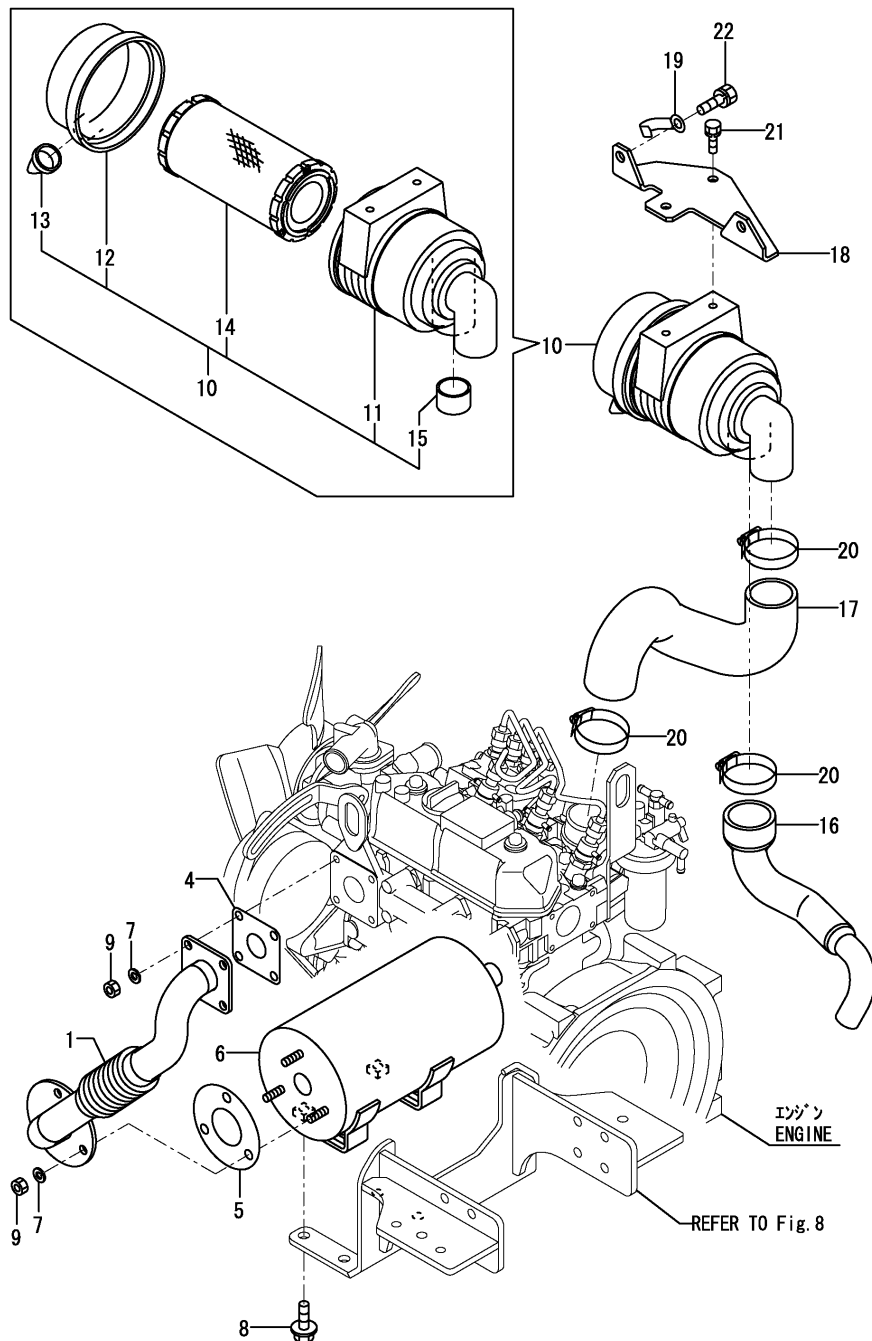
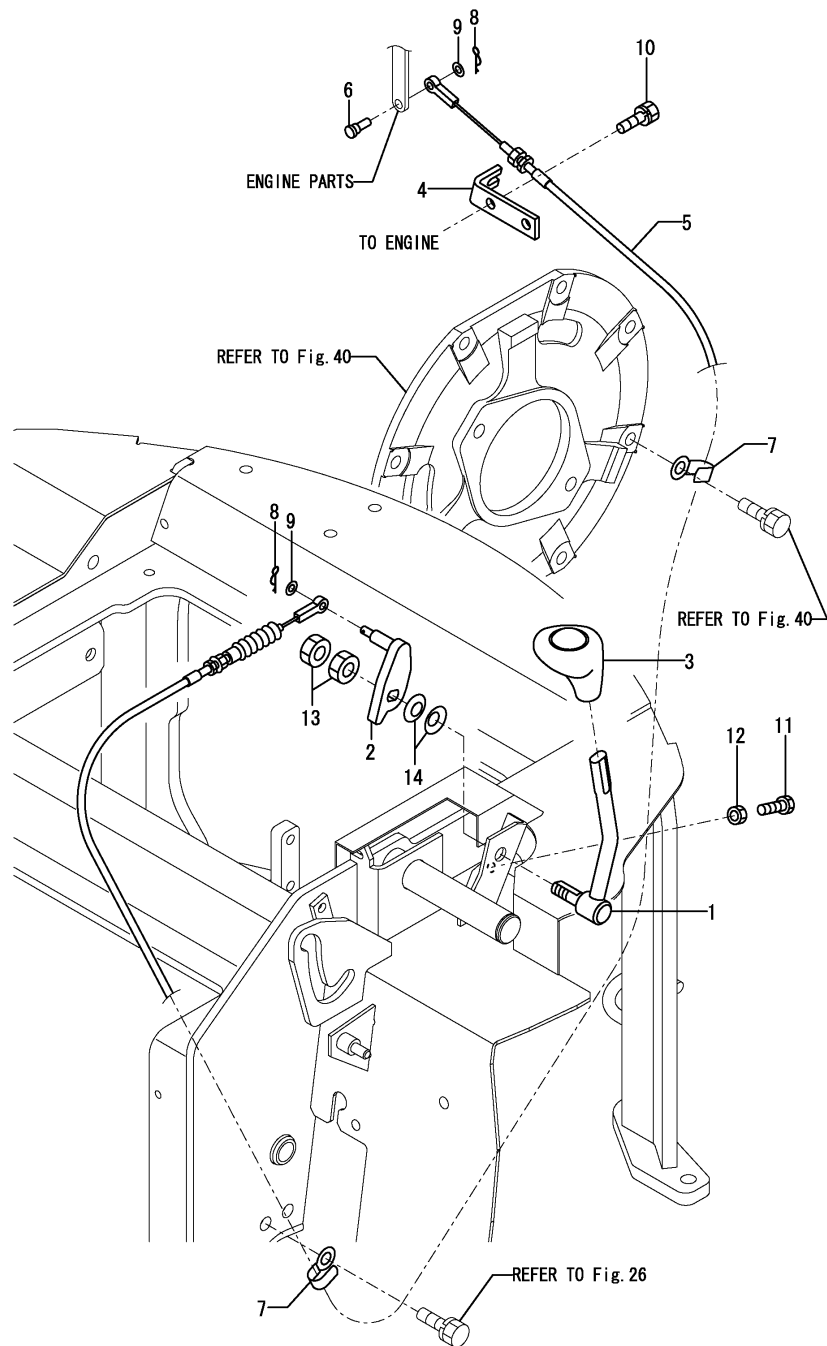
[illegible]

Fig.6. SILENSER & AIR CLEANER



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172448-11300	TUBE ASSY	1	1					
4	1	124701-11911	GASKET, SILENCER	1	1					
5	1	103954-13201	GASKET, SILENCER	1	1					
6	1	119233-13600	SILENCER	1	1					
7	1	22217-080000	WASHER, SPRING 8	7	7					
8	1	26106-100202	BOLT, M10X 20 PLATED	4	4					
9	1	26716-080002	NUT, M8	7	7					
10	1	172448-11500	CLEANER ASSY, AIR	1	1					
11	2	172448-11510	BODY	1	1					
12	2	119258-12530	COVER ASSY.	1	1					
13	2	119808-12540	VALVE, UNLOADER	1	1					
14	2	119655-12560	ELEMENT	1	1					
15	2	105027-12580	RING	1	1					
16	1	172448-11520	HOSE A,AIR CLEANER	1	1					
17	1	172448-11530	HOSE B,AIR CLEANER	1	1					
18	1	172448-11540	BRACKET,AIR CLEANER	1	1					
19	1	172126-16540	CLAMP	1						Z
(A=M/#20501)										
20	1	23000-060000	CLAMP, 60	3	3					
21	1	26013-080162	BOLT, M8X 16	2	2					
22	1	26013-100202	BOLT, M10X 20	2	2					

Fig.7. ACCELERATOR

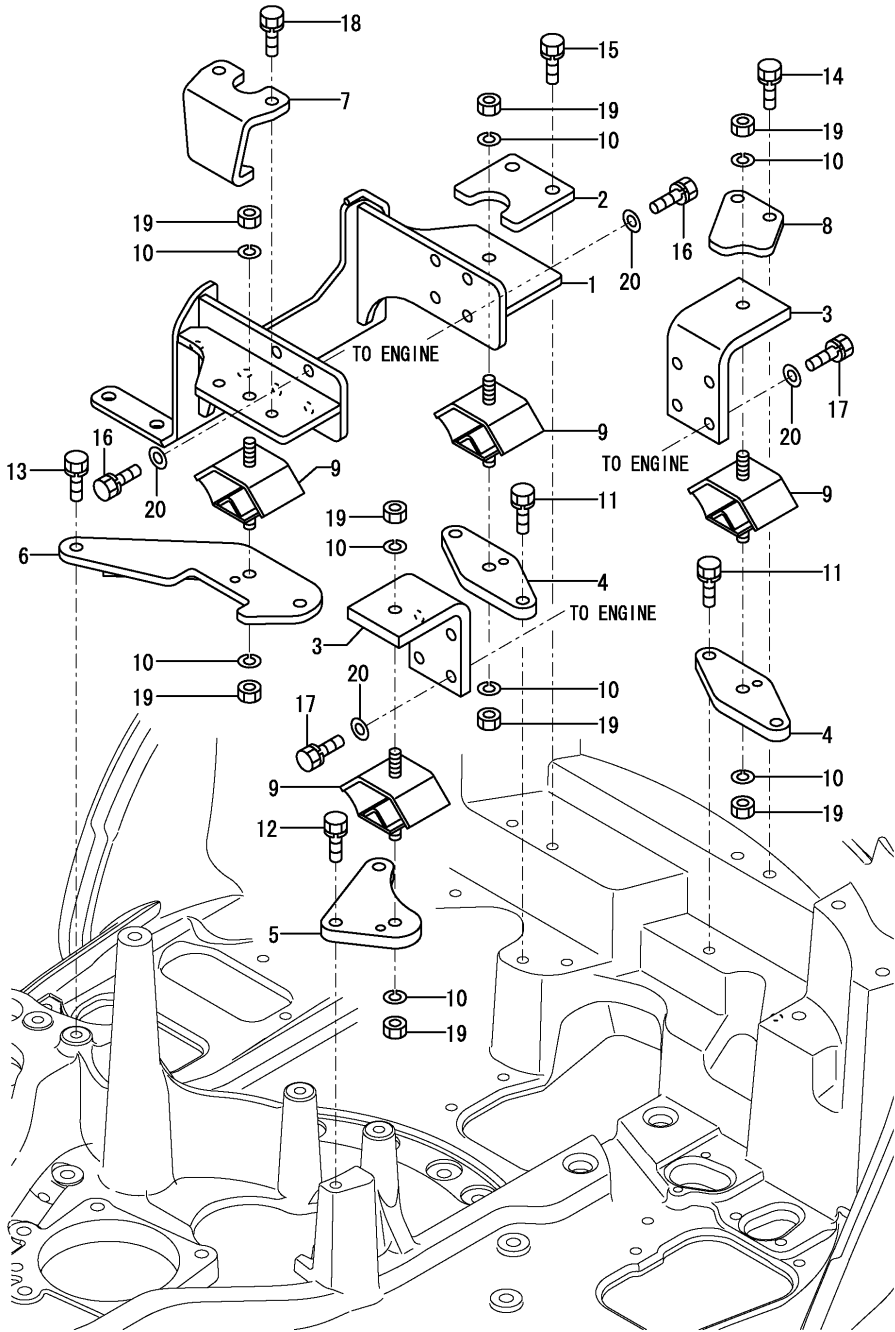


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-12100	LEVER,ACCELERATOR(72	1	1						
2	1	172448-12130	ARM ASSY	1	1						
3	1	172146-12150	GRIP, ACCELERATOR	1	1						
4	1	172183-12180	BRACKET COMP,ACCEL.	1	1						
5	1	172448-12200	CABLE, ACCELERATOR	1	1						
6	1	172113-12522	PIN	1	1						
7	1	172126-16540	CLAMP	1							
7-1	1	172126-16540	CLAMP	2	2						K
		(A=M/#20550)									
8	1	1C6281-52310	PIN, SNAP 6	2	2						
9	1	22137-060000	WASHER, 6	2	2						
10	1	26013-080202	BOLT, M8X 20	2	2						
11	1	26116-080254	BOLT, M8X 25 PLATED	1	1						
12	1	26716-080002	NUT, M8	1	1						
13	1	26756-120002	NUT, LOCK M12	2	2						
14	1	933170-01490	SPRING	2	2						

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

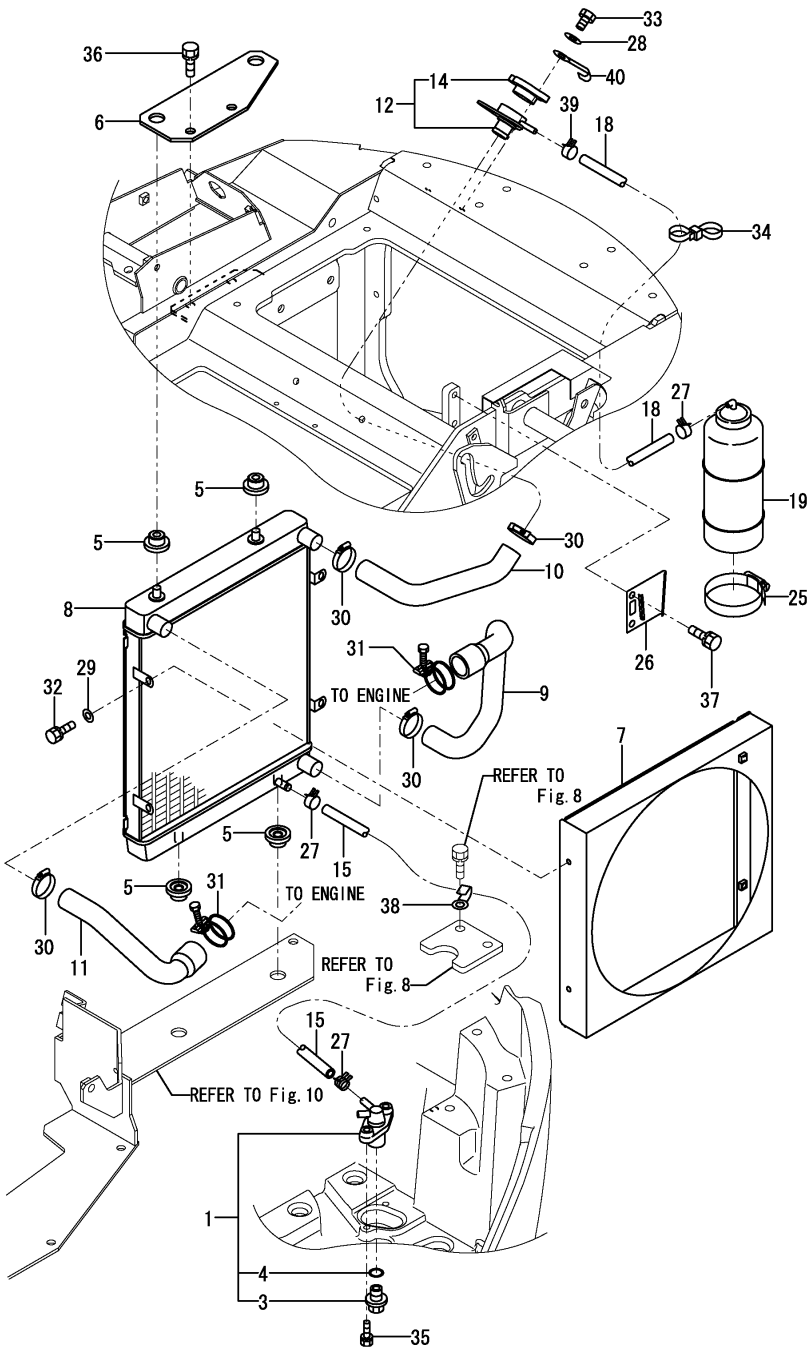
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-13100	MOUNT,ENGINE	1	1						
2	1	172157-13150	PLATE, STOPPER	1	1						
3	1	172183-13150	MOUNT,ENGINE	2	2						
4	1	172448-13210	PLATE A,ENGINE	2	2						
5	1	172448-13220	PLATE B,ENGINE	1	1						
6	1	172448-13230	PLATE C,ENGINE	1							
6-1	1	172448-13231	PLATE C ASSY	1	1					N	
(A=M/#20688)											
7	1	172183-13250	STOPPER, ENGINE	1	1						
8	1	172448-13260	PLATE E,ENGINE	1	1						
9	1	172448-13300	ABSORBER,SHOCK	4	4						
10	1	22217-100000	WASHER, SPRING 10	8	8						
11	1	26013-100252	BOLT, M10X 25	4	4						
12	1	26013-100252	BOLT, M10X 25	2	2						
13	1	26013-100252	BOLT, M10X 25	2	2						
14	1	26013-100252	BOLT, M10X 25	2	2						
15	1	26013-100252	BOLT, M10X 25	2	2						
16	1	26013-100252	BOLT, M10X 25	8	8						
17	1	26013-100252	BOLT, M10X 25	8	8						
18	1	26013-100252	BOLT, M10X 25	2	2						
19	1	26716-100002	NUT, M10	8	8						
20	1	22137-100000	WASHER, 10	16	16					W	
(A=M/#20912)											



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

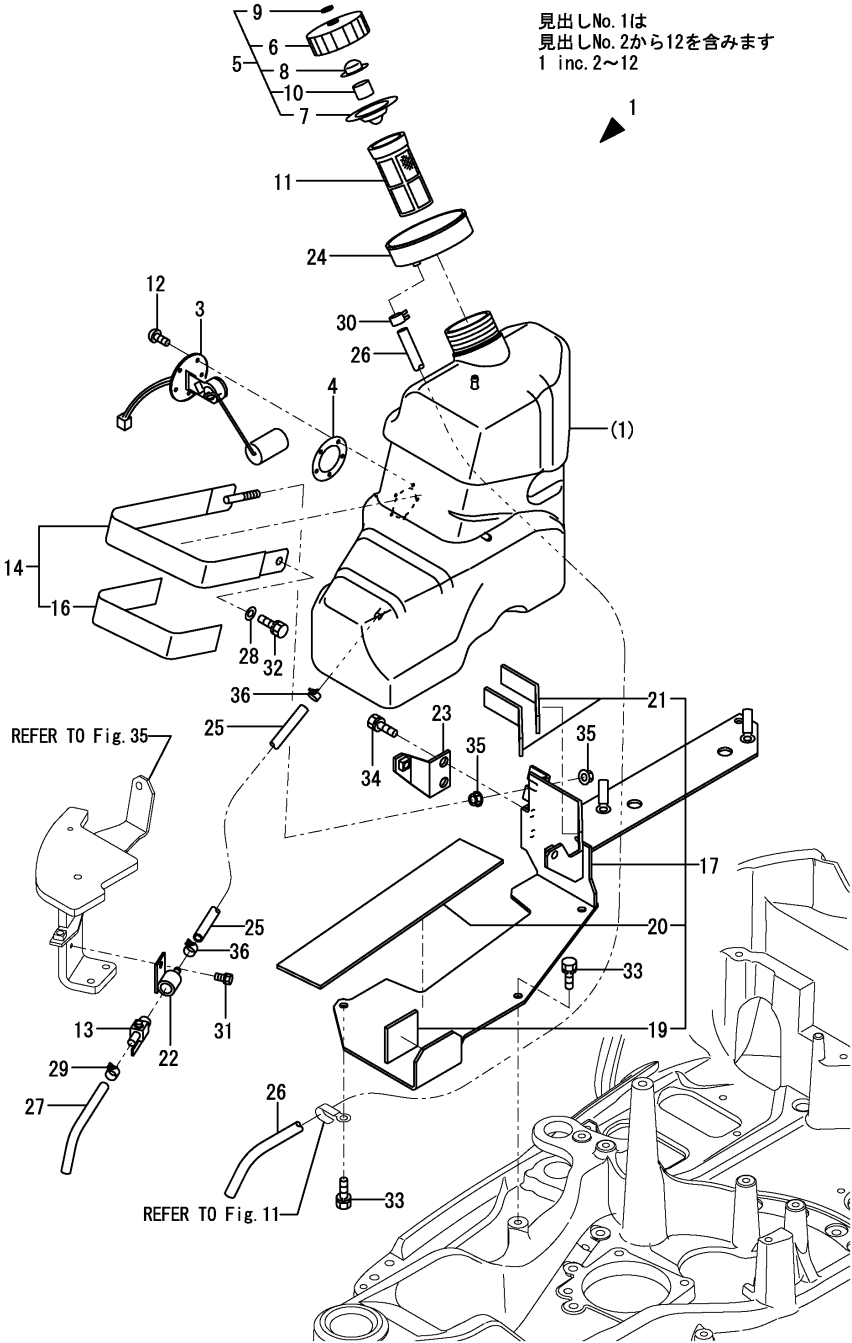


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1	1						
3	2	121250-49121	PLUG, DRAIN	1	1						
4	2	24311-000160	O-RING, 1AP16.0	1	1						
5	1	172446-13330	ABSOBER,SHOCK	4	4						
6	1	172448-13380	BRACKET,UP	1	1						
7	1	172448-13400	SHROUD ASSY	1	1						
8	1	172448-13500	RADIATOR	1	1						
9	1	172448-13510	PIPE, WATER	1	1						
10	1	172448-13520	PIPE, WATER	1	1						
11	1	172448-13530	PIPE, WATER	1	1						
12	1	172448-13540	FILLER	1	1						
14	2	172448-13560	CAP ASSY	1	1						
15	1	172187-14430	HOSE	1	1						
18	1	172183-14640	HOSE	1	1						
19	1	119813-44510	TANK ASSY	1	1						
25	1	124450-44550	BAND	1	1						
26	1	121256-44600	BRACKET, SUB TANK	1	1						
27	1	124766-59050	CLIP, HOSE 12	3	3						
28	1	22137-060000	WASHER, 6	2	2						
29	1	22137-060000	WASHER, 6	4	4						
30	1	23000-025000	CLAMP, 25	4							
30-1	1	23001-025000	CLAMP, HOSE 25	4	4						N
(A=M/#20902)											
31	1	23010-038000	CLAMP, 38	2	2						
32	1	26013-060122	BOLT, M6X 12	4	4						
33	1	26013-060162	BOLT, M6X 16	2	2						
34	1	172137-16560	BAND	1	1						
35	1	26013-080402	BOLT, M8X 40	2	2						
36	1	26013-100202	BOLT, M10X 20	2	2						
37	1	26013-080162	BOLT, M8X 16	2	2						
38	1	172126-16540	CLAMP	1	1						
39	1	23000-013000	CLAMP, 13	1	1						
40	1	1A1680-57850	CLAMP 8X100	1							
40-1	1	1A1686-57850	CLAMP, 80	1	1						R
(A=M/#20902)											

Fig.10. FUEL TANK

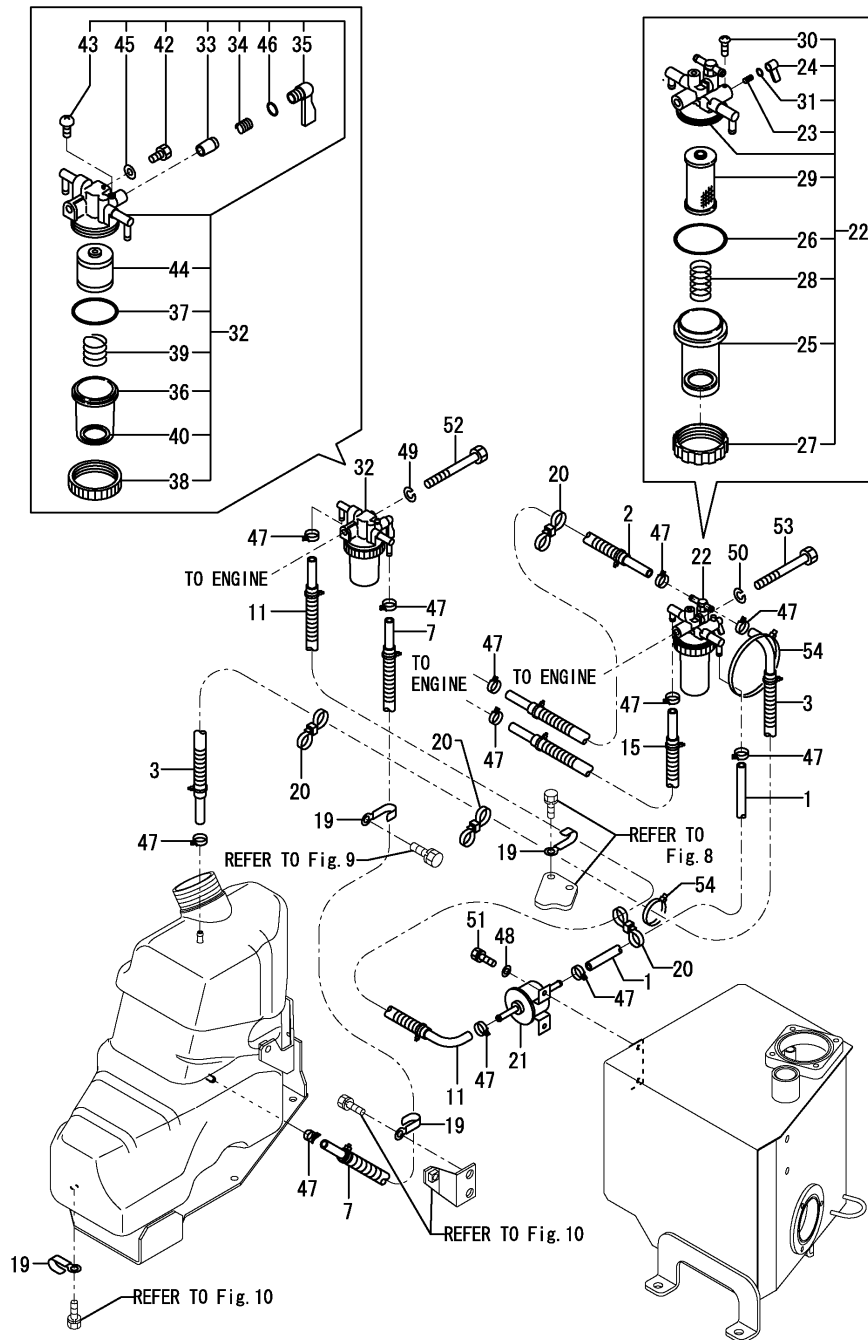
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(B)=VIO15-2(EX)
(C)=

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



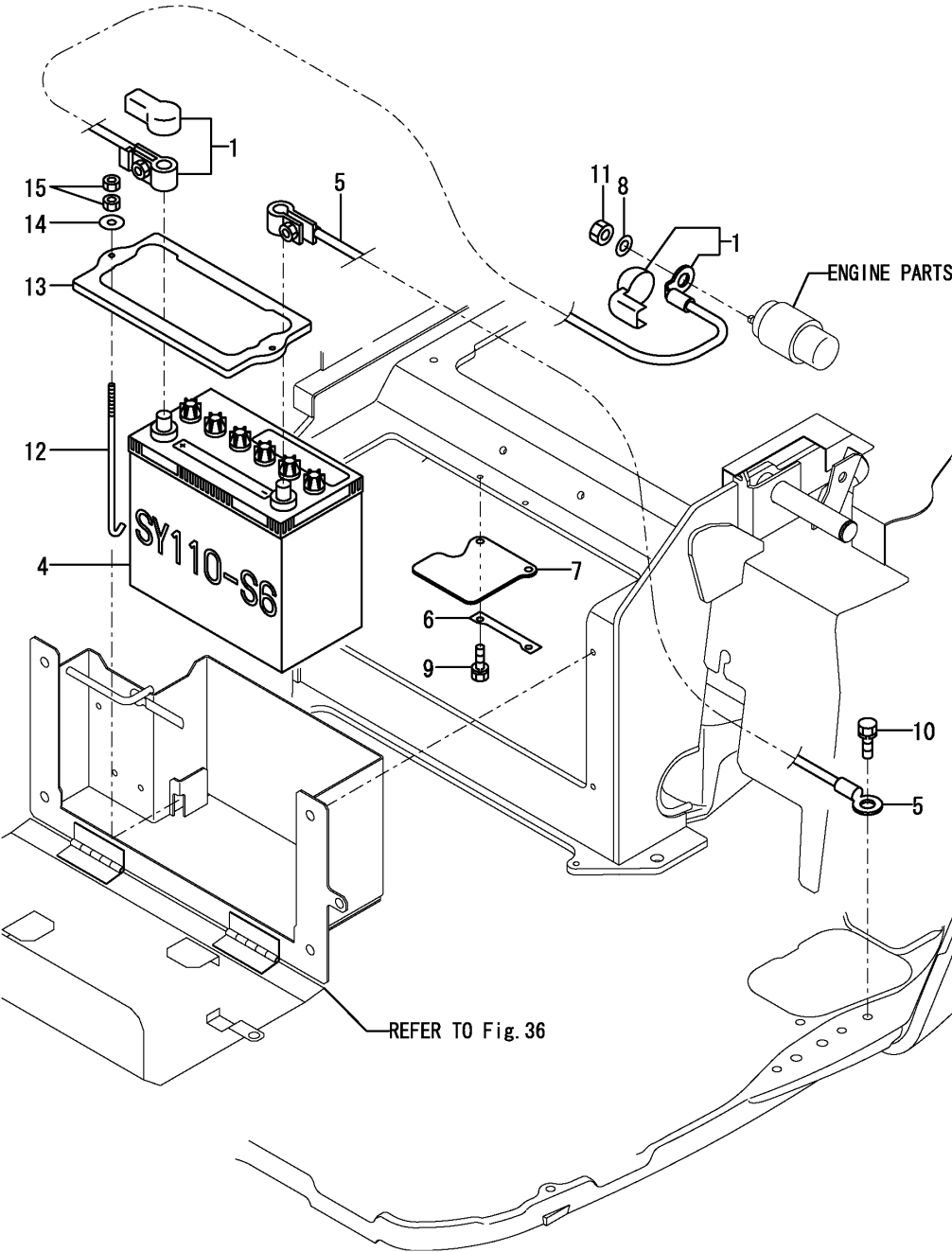
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-14100	TANK ASSY, FUEL	1	1						
3	2	172456-14150	GAUGE, FUEL	1	1						
3-1	2	172456-14151	GAUGE, FUEL	1	1						N
(A=M/#26233) (B=M/#26233)											
4	2	172162-14200	GASKET	1	1						
5	2	172444-14200	CAP, FUEL	1	1						
6	3	172444-14450	CAP	1	1						
7	3	172444-14460	GASKET	1	1						
8	3	172444-14470	GASKET	1	1						
9	3	172444-14480	WASHER	1	1						
10	3	172444-14490	SPONGE	1	1						
11	2	172183-14250	FILTER (FUEL)	1	1						
12	2	26557-050122	SCREW, M5X12	5	5						
13	1	104200-11920	COCK, WATER	1	1						
14	1	172448-14150	CLAMP ASSY, FUEL	1	1						
16	2	172448-14180	RUBBER, CLAMP	1	1						
17	1	172448-14200	MOUNT ASSY,FUEL TANK	1	1						
19	2	172446-14250	RUBBER PLATE	1	1						
20	2	172448-14300	RUBBER PLATE A	1	1						
21	2	172458-14380	RUBBER PLATE D,FO	1							
21-1	2	172458-14380	RUBBER PLATE D,FO	2	2						K
(A=M/#20504)											
22	1	172444-14270	JOINT, DRAIN	1	1						
23	1	172448-14340	BRACKET ASSY,COVER	1	1						
24	1	172458-14370	SUMP, FUEL	1	1						
25	1	172444-14410	HOSE	1							
25-1	1	172448-14690	HOSE,FUEL 85	1	1						N
(A=M/#20504)											
26	1	172458-14510	HOSE 9.5 X 750	1	1						
27	1	172124-14620	HOSE L=300, FUEL	1							
27-1	1	172444-14410	HOSE	1	1						N
(A=M/#20504)											
28	1	22137-100000	WASHER, 10	1	1						
29	1	23080-013000	CLAMP, 13	1	1						
29-1	1	106990-44660	CLIP, HOSE 12.5	1	1						R
(A=M/#26118) (B=M/#26118)											
30	1	23080-013000	CLAMP, 13	1	1						
31	1	26013-080202	BOLT, M8X 20	1	1						
32	1	26013-100202	BOLT, M10X 20	1	1						
33	1	26013-100202	BOLT, M10X 20	4	4						
34	1	26013-100202	BOLT, M10X 20	2	2						
35	1	26367-100002	NUT, M10	2	2						
36	1	124766-59050	CLIP, HOSE 12	2	2						

Fig.11. FUEL LINE



				(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	172187-14440	HOSE 700	1							
1-1	1	172171-13461	HOSE 7.5X13	1	1					N	
(A=M/#20688)											
2	1	172137-14610	PIPE, FUEL	1	1						
3	1	172448-14610	HOSE 1350 ,FUEL	1	1						
7	1	172448-14630	HOSE 1100 ,FUEL	1	1						
11	1	172448-14650	HOSE 1600 ,FUEL	1	1						
15	1	172448-14670	HOSE 400 ,FUEL	1	1						
19	1	172126-16540	CLAMP	4	4						
20	1	172137-16560	BAND	4	4						
21	1	119225-52102	PUMP ASSY, FUEL FEED	1	1						
22	1	119833-55620	FILTER ASSY, FUEL	1	1						
23	2	104200-55330	SPRING, VALVE	1	1						
24	2	119810-55340	LEVER	1	1						
25	2	121254-55510	COVER	1	1						
26	2	102103-55520	O-RING	1	1						
27	2	110250-55610	RING, RETAINING	1	1						
28	2	121250-55620	SPRING	1	1						
29	2	119810-55650	ELEMENT	1	1						
30	2	104200-55750	SCREW, M4	1	1						
31	2	24311-240100	O-RING, 1AP10A	1	1						
32	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
33	2	104200-55321	VALVE, TAPER	1	1						
34	2	104200-55330	SPRING, VALVE	1	1						
35	2	104200-55341	HANDLE	1	1						
36	2	124064-55510	COVER	1	1						
37	2	102103-55520	O-RING	1	1						
38	2	110250-55610	RING, RETAINING	1	1						
39	2	121257-55720	SPRING	1	1						
40	2	121257-55731	FLOAT	1	1						
42	2	101720-55750	PLUG, 6	2	2						
43	2	104200-55750	SCREW, M4	1	1						
44	2	171081-55910	SCREEN	1	1						
45	2	23418-060000	GASKET, 6X1.0	2	2						
46	2	24311-240100	O-RING, 1AP10A	1	1						
47	1	124766-59050	CLIP, HOSE 12	12	12						
48	1	22137-060000	WASHER, 6	2	2						
49	1	22217-080000	WASHER, SPRING 8	1	1						
50	1	22217-080000	WASHER, SPRING 8	1	1						
51	1	26013-060202	BOLT, M6X 20	2	2						
52	1	26116-080702	BOLT, M8X 70 PLATED	1							
52-1	1	26116-080652	BOLT, M8X 65 PLATED	1	1					N	
(A=M/#20504)											
53	1	26116-080702	BOLT, M8X 70 PLATED	1							
53-1	1	26116-080652	BOLT, M8X 65 PLATED	1	1					N	
(A=M/#20504)											
54	1	172126-11510	BAND 300	2	2						

Fig.12. BATTERY



OCK10-M37902 Fig.12

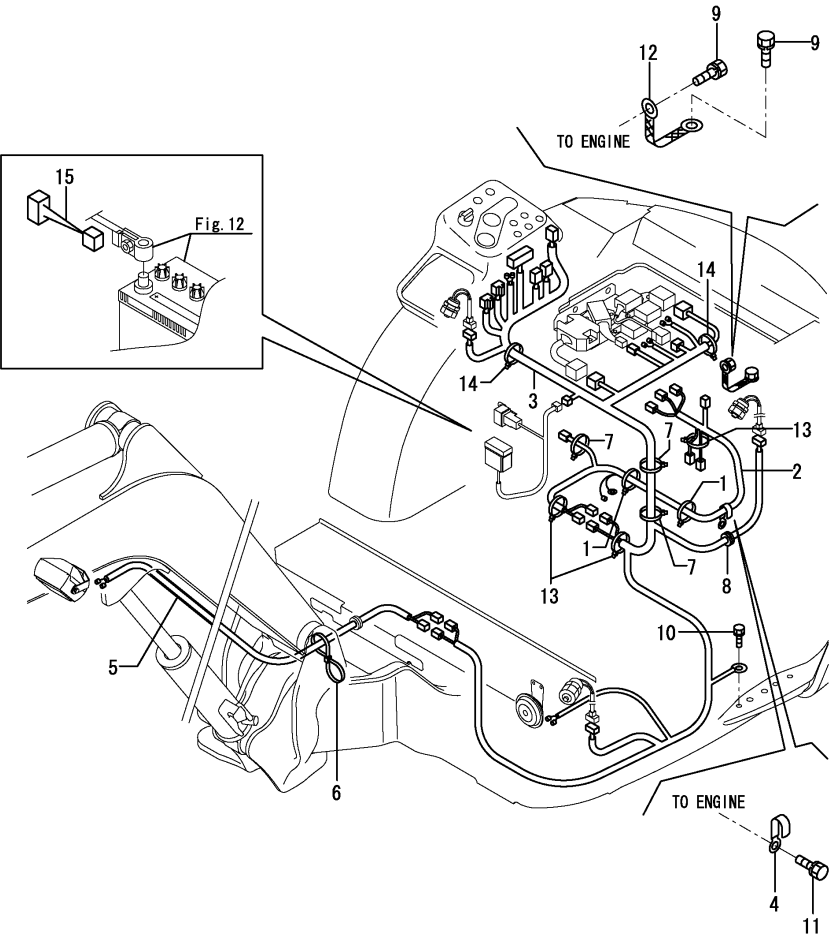
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-16100	CORD,BATTERY PLUS	1	1						
4	1	172175-16110	BATTERY	1	1						
5	1	172448-16130	HARNESS,BAT. MINUS	1	1						
6	1	172448-16150	PLATE,BATTERY	1	1						
7	1	172448-16160	COVER, BATTERY	1	1						
8	1	22137-080000	WASHER, 8	1	1						
9	1	26013-060122	BOLT, M6X 12	2	2						
10	1	26013-100202	BOLT, M10X 20	1	1						
11	1	26716-080002	NUT, M8	1	1						
12	1	172631-16350	ROD,BATTERY CLAMP	2	2						
13	1	194940-64750	CLAMP, BATTERY	1	1						
14	1	22157-060000	WASHER, 6	2	2						
15	1	26716-060002	NUT, M6	4	4						

N:Old $\xleftrightarrow{\text{Yes/No}}$ New, Q:Old $\xleftrightarrow{\text{No/Yes}}$ New, R:Old $\xleftrightarrow{\text{Yes/No}}$ New, S:Old $\xleftrightarrow{\text{No/Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.13. ELECTRIC PART(WIRING)

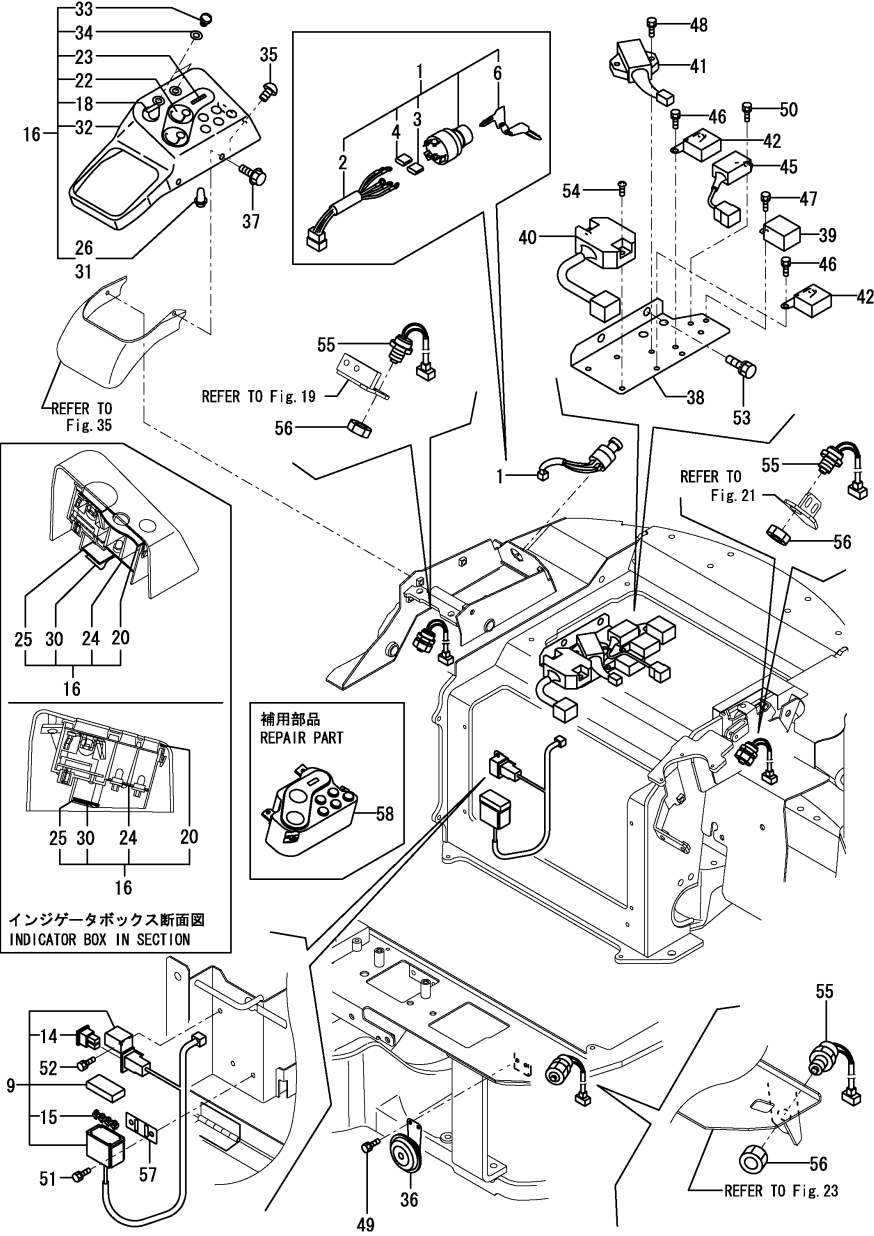


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2						
2	1	172448-16500	HARNESS A	1							
2-1	1	172448-16501	HARNESS A ASSY	1	1						N
(A=M/#20847)											
3	1	172448-16520	HARNESS B	1							
3-1	1	172448-16521	HARNESS B ASSY	1							N
(A=M/#20689)											
3-2	1	172448-16522	HARNESS B ASSY	1							N
(A=M/#20847)											
3-3	1	172448-16523	HARNESS B ASSY	1	1						N
(A=M/#20867)											
4	1	172126-16540	CLAMP	1	1						
5	1	172448-16550	HARNESS,BOOM LAMP	1	1						
6	1	172137-16560	BAND	1	1						
7	1	194202-56460	BAND, 200	3	3						
8	1	172162-61850	GROMMET	1	1						
9	1	26013-100202	BOLT, M10X 20	2	2						
10	1	26013-100202	BOLT, M10X 20	1	1						
11	1	26013-100202	BOLT, M10X 20	1	1						
12	1	933171-15801	CORD, ENGINE EARTH	1	1						
13	1	933168-55770	BAND	3	3						W
(A=M/#20847)											
14	1	933168-55770	BAND	2	2						W
(A=M/#20847)											
15	1	172183-16640	LINK,FUSIBLE	1	1						W
(A=MXXXXX) (B=MXXXXX)											

Fig.14. ELECTRIC PART(EQUIPMENT)



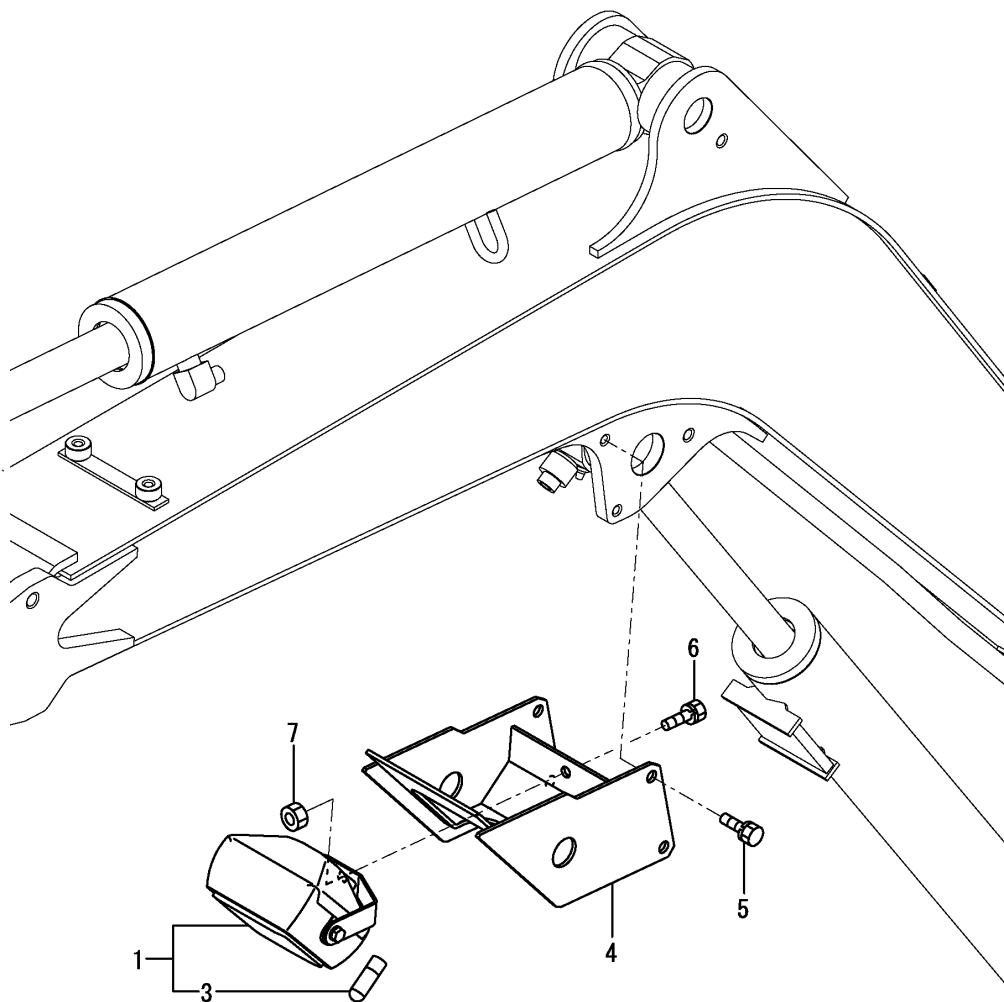
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(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1						
2	2	172187-17070	CORD ASSY	1	1						
3	2	172187-17080	COVER	3	3						
4	2	172187-17090	COVER	2	2						
6	2	933110-00301	KEY ASSY	1	1						
9	1	172448-17200	FUSE	1	1						
14	2	172447-17150	FUSE 40A	1	1						
15	2	29420-150000	FUSE, B 15A	4	4						
16	1	172458-17500	BOX,INDICATOR(CANOPY	1	1						
16-1	1	172458-17501	BOX,INDICATOR(CANOPY	1	1					N	1
		(A=M/#26043) (B=M/#26043)									
18	2	172187-17280	SWITCH ASSY, LIGHT	1	1						
20	2	172187-17320	PACKING	1	1						
22	2	172187-17341	GAUGE ASSY	1	1						
23	2	172187-17350	METER ASSY, HOUR	1	1						
24	2	172187-17360	PRINT, CIRCUIT	1	1						
25	2	172187-17371	CIRCUIT ASSY	1	1						
26	2	172187-17380	BULB	4	4						
30	2	172187-17470	PLATE	1	1						
31	2	172187-17480	BULB	2	2						
32	2	172458-17510	PANEL	1	1						
32-1	2	172458-17511	PANEL	1	1					N	
		(A=M/#26043) (B=M/#26043)									
33	2	172187-17560	CAP	2	2						
34	2	172187-17570	GASKET	2	2						
35	1	172458-46720	BOLT	1	1						
36	1	194151-57100	HORN	1	1						
37	1	172519-63240	BOLT	3	3						
38	1	172448-64810	BRACKET,ELECTRIC	1	1						
39	1	119247-77100	RELAY, SAFETY	1	1						
40	1	119653-77710	LIMITER, CURRENT	1	1						
41	1	129155-77810	REGISTER	1	1						
42	1	119650-77910	RELAY ASSY, GLOW	2	2						
45	1	129211-77920	TIMER	1	1						
46	1	26013-060162	BOLT, M6X 16	4	4						
47	1	26013-060162	BOLT, M6X 16	1	1						
48	1	26013-060162	BOLT, M6X 16	2	2						
49	1	26013-060162	BOLT, M6X 16	2	2						
50	1	26013-060162	BOLT, M6X 16	1	1						
51	1	26013-060162	BOLT, M6X 16	2	2						
52	1	26013-060162	BOLT, M6X 16	1	1						
53	1	26013-100202	BOLT, M10X 20	2	2						
54	1	26022-060252	SCREW, M6X25	2	2						
55	1	194464-52190	SWITCH, SAFETY START	3	3						
56	1	26776-180002	NUT, LOCK M18	3	3						
57	1	172183-16550	BRACKET,FUSE	1	1						W
		(A=M/#20847)									
58	1	172A77-17500	MONITOR ASSY	1	1						W 2
		(A=MZZZZZ) (B=MZZZZZ)									

Remarks
(1)HOUR METER = ANALOG TYPE.
(2)HOUR METER = L.C.D. TYPE.

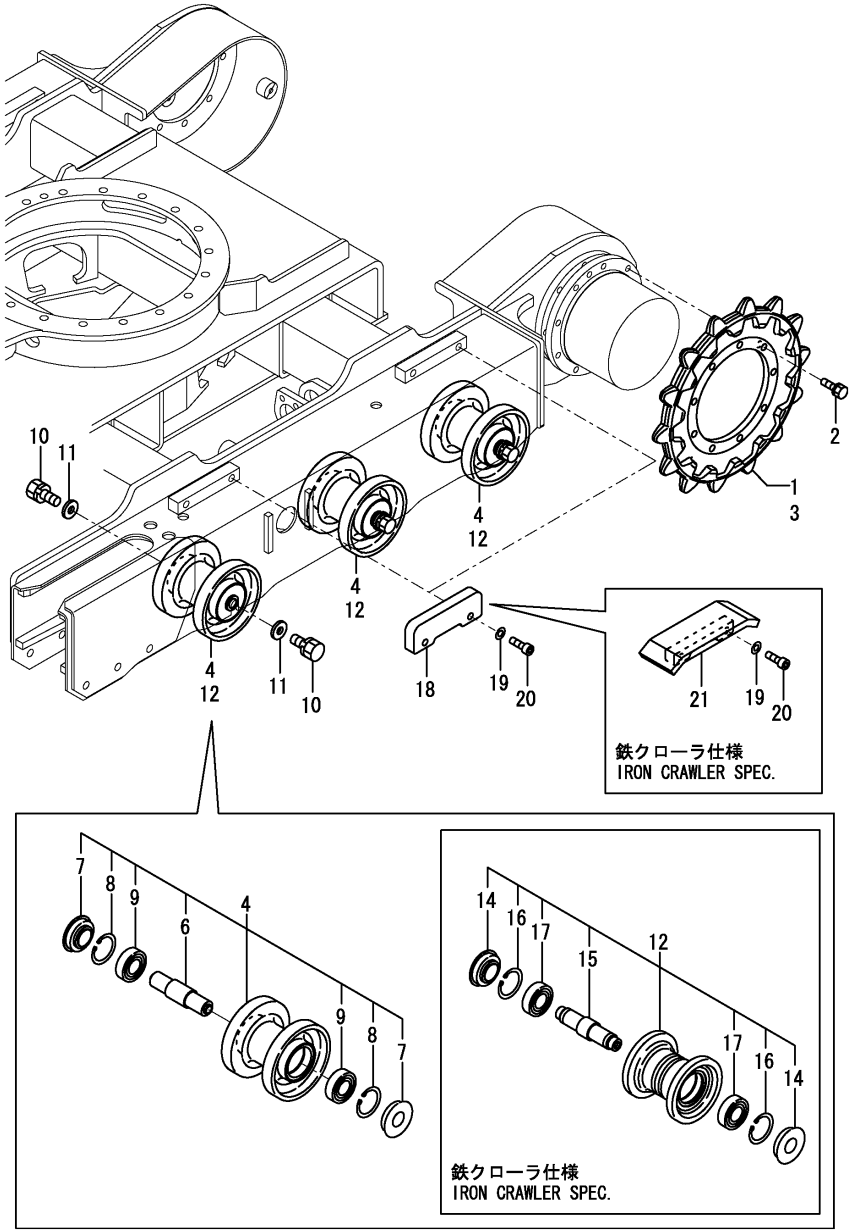
Fig.15. WARK LAMP



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172156-17401	LAMP, WORK	1	1						
3	2	172156-17420	BULB, 12V 27W	1	1						
4	1	172448-17400	COVER, LAMP	1	1						
5	1	26013-080162	BOLT, M8X 16	4	4						
6	1	26013-080162	BOLT, M8X 16	1	1						
7	1	26716-080002	NUT, M8	1	1						

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-29100	SPROCKET	2	2						1
2	1	26013-100252	BOLT, M10X 25	18	18						
3	1	172448-29110	SPROCKET	2							2
4	1	772448-37300	TRACK ROLLER,RUBBER	6	6						1
6	2	172448-37310	SHAFT, ROLLER	6	6						
7	2	172173-37320	SEAL, OIL	12	12						
7-1	2	1E6140-73420	SEAL, OIL QLF255218	12	12						R
(A=M/#26400) (B=M/#26400)											
8	2	22252-000520	RING, 52	12	12						
9	2	24101-062054	BEARING, BALL 6205	12	12						
10	1	26013-120252	BOLT, M12X 25	12	12						
11	1	933152-03700	WASHER, CLUTCH	12	12						
12	1	772448-37310	TRACK ROLLER,IRON(88	6							2
14	2	172173-37320	SEAL, OIL	12							
14-1	2	1E6140-73420	SEAL, OIL QLF255218	2							R
(A=M/#26400)											
15	2	172448-37320	SHAFT, ROLLER	6							
16	2	22252-000520	RING, 52	12							
17	2	24101-062054	BEARING, BALL 6205	12							
18	1	172448-37500	PLATE (GREEN:88)	4	4						1
19	1	22217-100000	WASHER, SPRING 10	8	8						
20	1	26450-100352	BOLT, M10X 35	8	8						
21	1	172448-37510	SHOE PLATE(GREEN:88)	4							2

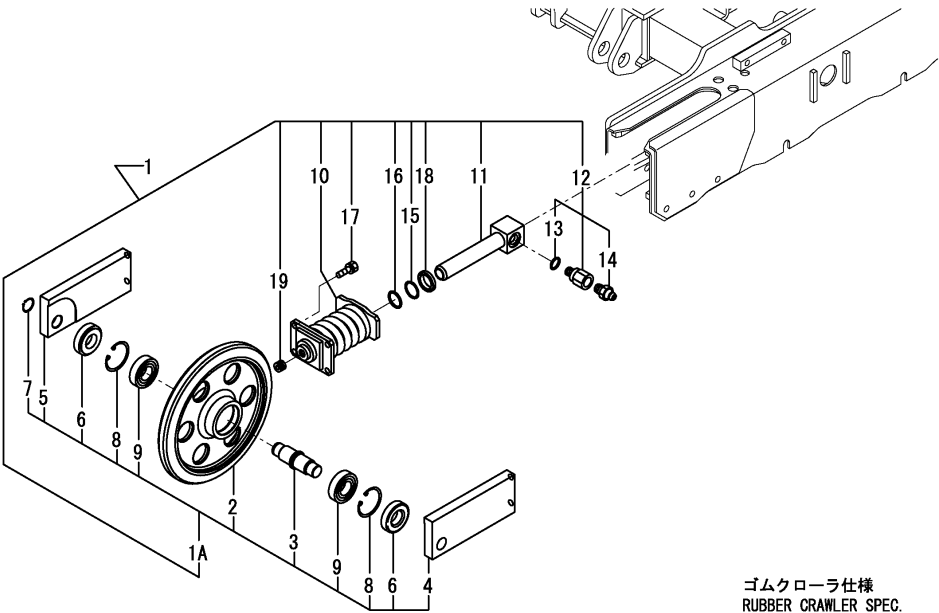
Remarks
(1)RUBBER CRAWLER SPEC.
(2)IRON CRAWLER SPEC.

Fig.17. IDLER & ADJUST

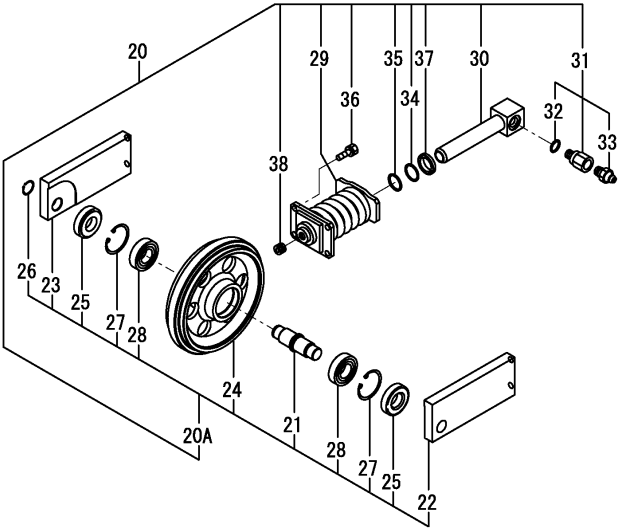
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-37120	IDLER ASSY, RUBBER	2	2						1
1A	2	772448-37100	IDLER ASSY, RUBBER	2	2						1
2	3	172448-37100	IDLER, 295	2	2						
3	3	172448-37110	SHAFT, IDLER	2	2						
4	3	172448-37130	FORK ASSY, IDLER	2	2						
5	3	172448-37140	FORK ASSY, IDLER	2	2						
6	3	1A1060-48300	SEAL, QLN30X62X13.2	4	4						
7	3	22242-000250	RING, 25	2	2						
8	3	22252-000620	RING, 62	4	4						
9	3	24101-062064	BEARING, BALL 6206	4	4						
10	2	172448-37710	SPRING ASSY, ADJUST	2	2						
10-1	2	172448-37711	SPRING ASSY, ADJUST	2	2						N
		(A=XXX) (B=XXX)									
11	2	172137-37801	TUBE ASSY, ADJUST	2	2						
11-1	2	172448-37800	TUBE ASSY, ADJUST	2	2						N
		(A=M/#25774) (B=M/#25774)									
12	2	172122-37844	VALVE ASSY, NIPPLE	2	2						
13	3	24315-000140	O-RING, 1BP14.0	2	2						
14	3	24761-020000	NIPPLE, GREASE PT1/8	2	2						
15	2	172137-37850	RING, BACK UP	2	2						
16	2	24315-000300	O-RING, 1BP30.0	2	2						
17	2	26013-100302	BOLT, M10X 30	8	8						
17-1	2	26013-100352	BOLT, M10X 35	8	8						N
		(A=XXX) (B=XXX)									
18	2	933126-38600	SEAL, DUST	2	2						
19	2	933171-13691	PLUG	2	2						
20	1	772448-37130	IDLER ASSY, IRON	2							2
20A	2	772448-37110	IDLER ASSY, IRON	2							2
21	3	172448-37110	SHAFT, IDLER	2							
22	3	172448-37130	FORK ASSY, IDLER	2							
23	3	172448-37140	FORK ASSY, IDLER	2							
24	3	172448-37200	IDLER ASSY	2							
25	3	1A1060-48300	SEAL, QLN30X62X13.2	4							
26	3	22242-000250	RING, 25	2							
27	3	22252-000620	RING, 62	4							
28	3	24101-062064	BEARING, BALL 6206	4							
29	2	172448-37710	SPRING ASSY, ADJUST	2							
29-1	2	172448-37711	SPRING ASSY, ADJUST	2							N
		(A=XXX)									
30	2	172137-37801	TUBE ASSY, ADJUST	2							
30-1	2	172448-37800	TUBE ASSY, ADJUST	2							N
		(A=M/#25774)									
31	2	172122-37844	VALVE ASSY, NIPPLE	2							
32	3	24315-000140	O-RING, 1BP14.0	2							
33	3	24761-020000	NIPPLE, GREASE PT1/8	2							
34	2	172137-37850	RING, BACK UP	2							
35	2	24315-000300	O-RING, 1BP30.0	2							
36	2	26013-100302	BOLT, M10X 30	8							
36-1	2	26013-100352	BOLT, M10X 35	8							N
		(A=XXX)									
37	2	933126-38600	SEAL, DUST	2							



ゴムクローラ仕様
RUBBER CRAWLER SPEC.

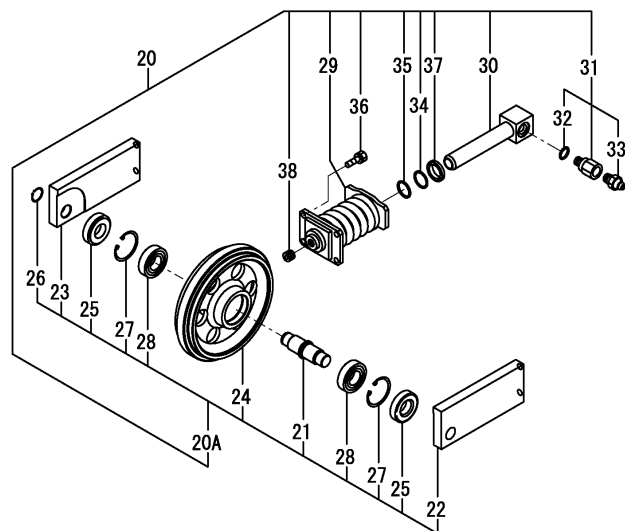


鉄クローラ仕様
IRON CRAWLER SPEC.

Remarks
(1)Rubber crawler specification.
(2)Iron crawler specification.



鉄クローラ仕様
IRON CRAWLER SPEC.

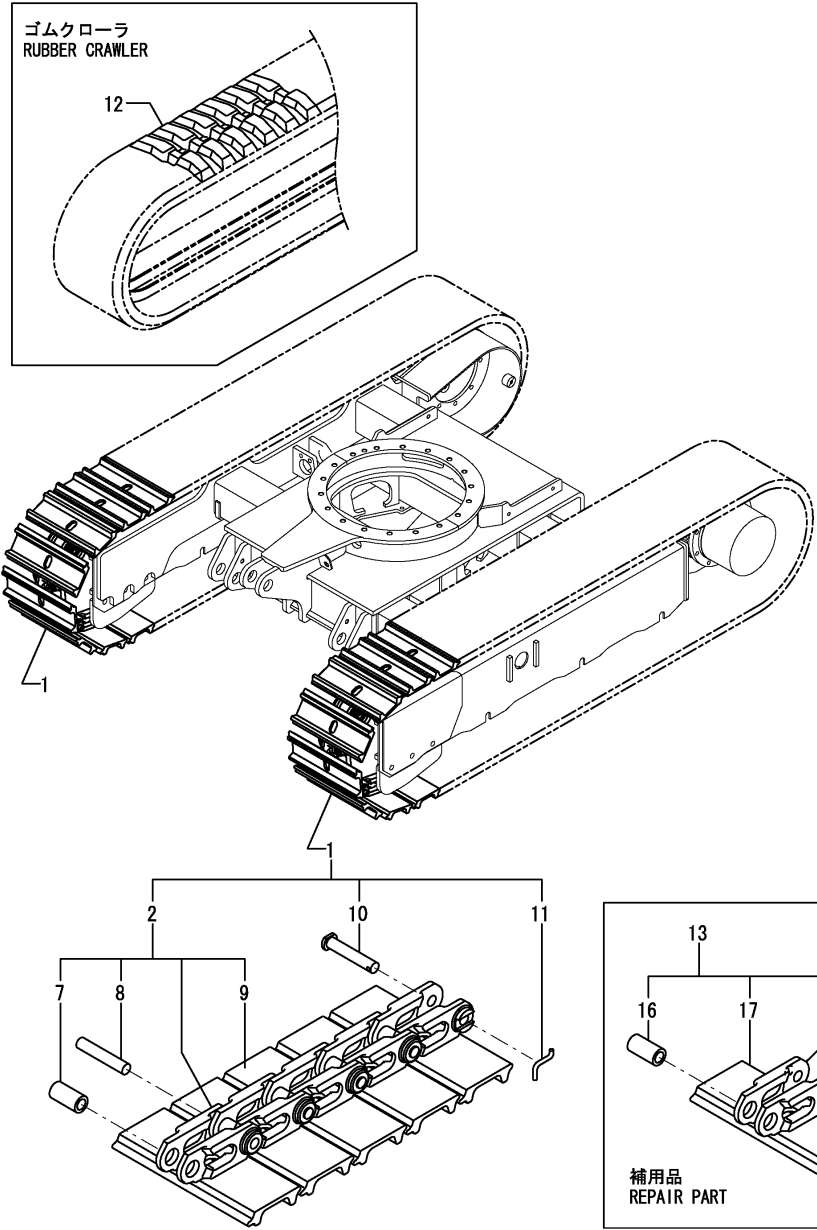


Remarks
(1)Rubber crawler specification.
(2)Iron crawler specification.

[illegible]

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

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(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

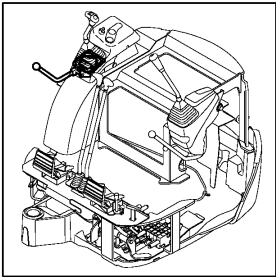
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-38100	CRAWLER ASSY	2							1
1-1	1	172448-38101	CRAWLER ASSY	2						N	
(A=M/#26233)											
2	2	172448-38110	LINK, TRACK (88)	2							
7	3	172173-38200	BUSH 22.15X43	72							
8	3	172173-38210	PIN(CRAWLER	70							
9	3	172448-38230	SHOE PLATE 230	72							
9-1	3	172448-38231	SHOE PLATE 230	72						N	
(A=M/#26233)											
10	2	172173-38220	PIN,MASTER	2							
11	2	172173-38300	PIN 4X22,LOCK	2							
12	1	172448-38600	CRAWLER, RUBBER	2	2						2
13	1	172448-38300	TRACK ASSY, MASTER	1							
13-1	1	172448-38301	TRACK ASSY, MASTER	1						N	
(A=M/#26233)											
16	2	172173-38200	BUSH 22.15X43	1							
17	2	172448-38231	SHOE PLATE 230	1							

Remarks
(1)IRON CRAWLER SPEC.
(2)RUBBER CRAWLER SPEC.

Fig.19. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)A-SPEC.

A 仕様
A SPEC.



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

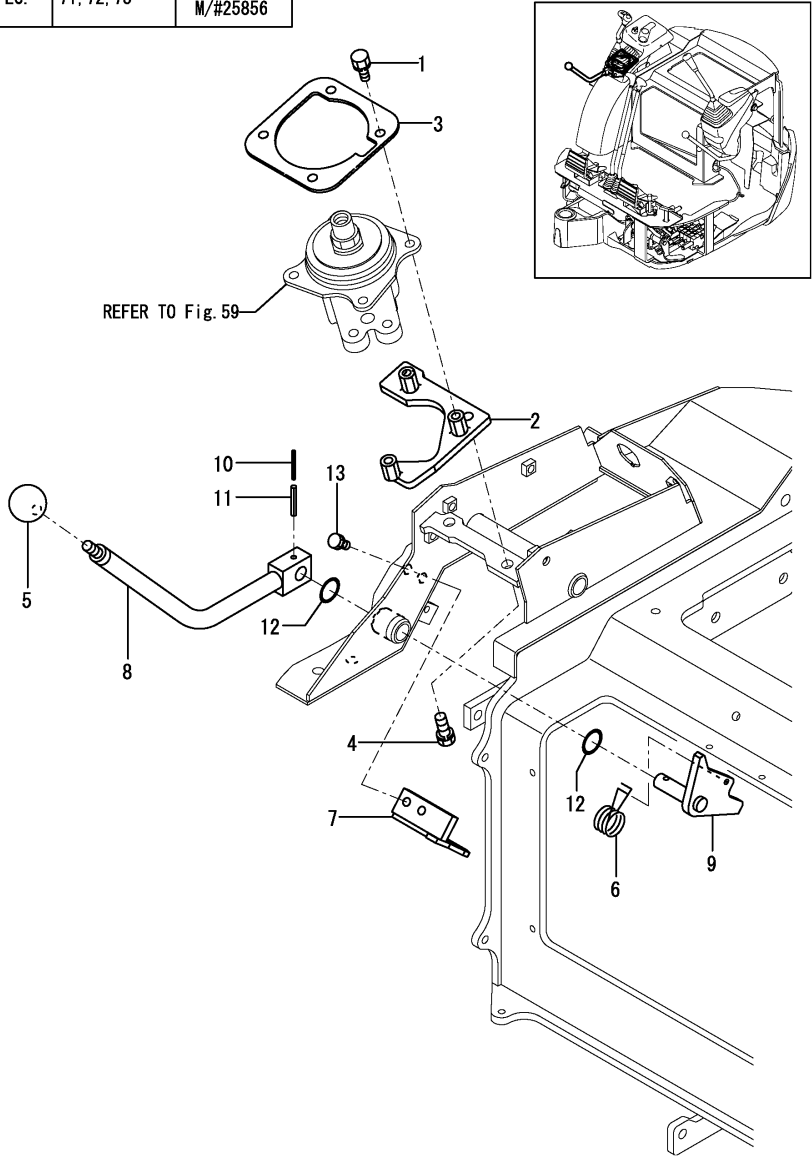
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Fig.20. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)B-SPEC.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

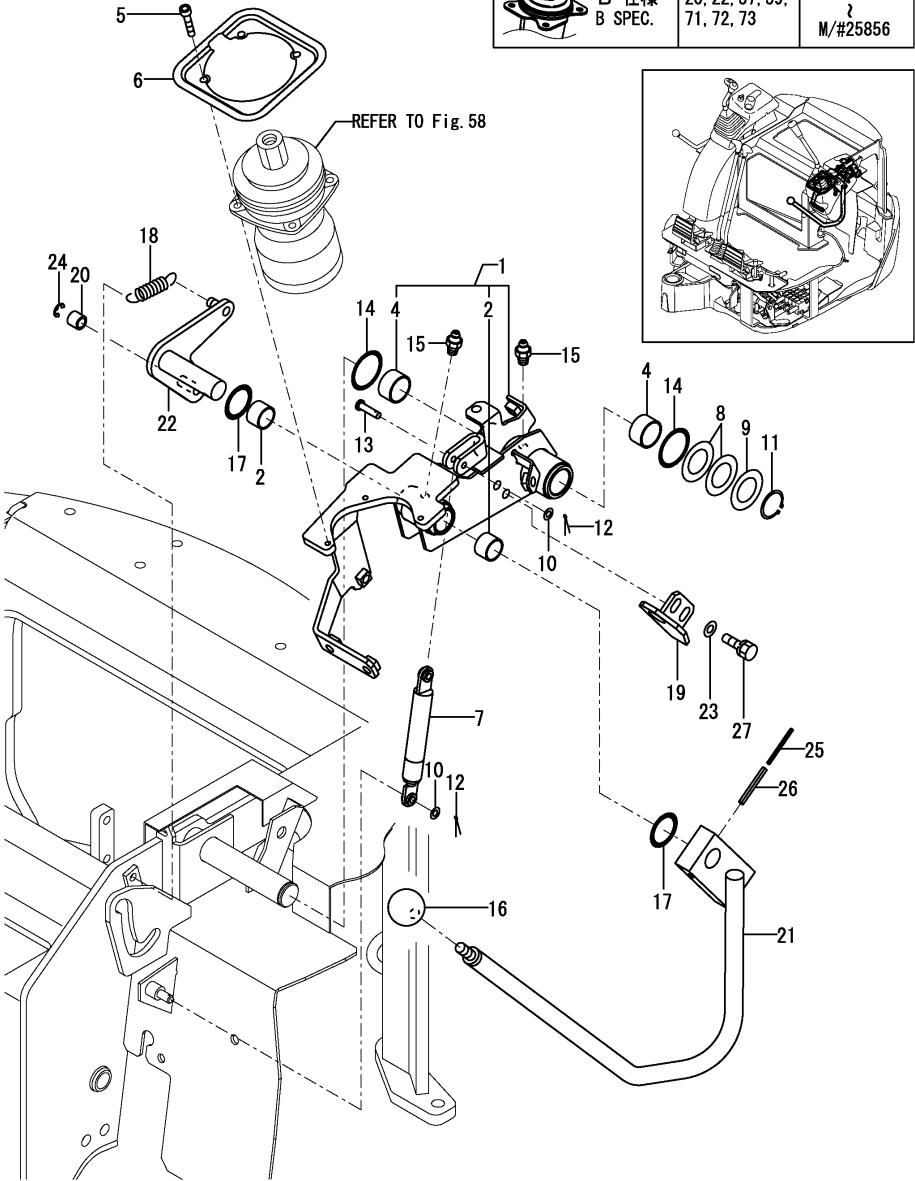
リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26013-080162	BOLT, M8X 16	3	3						
2	1	172448-46850	PLATE	1	1						
3	1	172165-47711	PLATE	1	1						
4	1	26013-100202	BOLT, M10X 20	2	2						
5	1	1D4070-23580	GRIP	1	1						
6	1	172165-45970	SPRING	1	1						
7	1	172448-46960	BRACKET,SW	1	1						
8	1	172448-47680	LOCK LEVER R(GRAY:72	1	1						
9	1	172448-47700	SHAFT ASSY, LEVER	1	1						
10	1	22351-030032	PIN, SPRING 3.0X32	1	1						
11	1	22351-050032	PIN, SPRING 5.0X32	1	1						
12	1	24311-000210	O-RING, 1AP21.0	2	2						
13	1	26013-080162	BOLT, M8X 16	2	2						

Fig.21. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)A-SPEC.

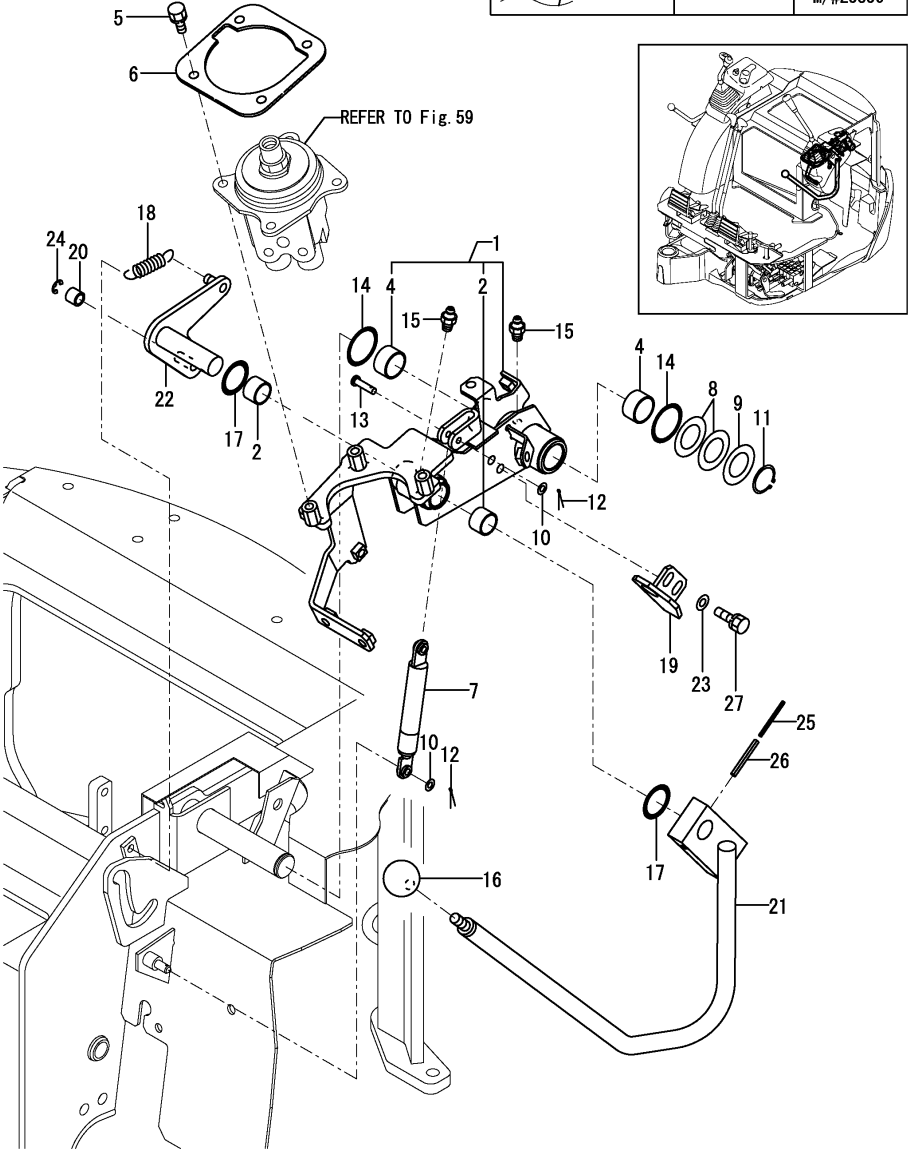
リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-46600	STAND ASSY, LEVER	1	1						
2	2	172141-41370	BUSH 2015	2	2						
4	2	24550-025150	BUSH, 25X15	2	2						
5	1	172458-46730	BOLT N6X30	3	3						
6	1	172455-46901	PLATE L, BOOTS (73)	1	1						
7	1	172448-47900	SPRING, GAS GS044	1	1						
8	1	172165-47980	SHIM	2	2						
9	1	172165-47990	WASHER 25.5X42	1	1						
10	1	22137-060000	WASHER, 6	2	2						
11	1	22242-000250	RING, 25	1	1						
12	1	22417-160160	PIN, COTTER 1.6X16	2	2						
13	1	22487-060240	PIN, H 6X 24	1	1						
14	1	24311-000340	O-RING, 1AP34.0	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	1D4070-23580	GRIP	1	1						
17	1	172124-46200	O-RING	2	2						
18	1	172162-46690	SPRING	1	1						
19	1	172448-46950	BRACKET, CUTOFF SW	1	1						
20	1	172165-47550	BUSH	1	1						
21	1	172448-47620	LEVER L, LOCK (GRAY:72)	1							
21-1	1	172448-47621	LEVER L, LOCK (GRAY:72)	1	1						N
(A=M/#25741)											
22	1	172448-47650	SHAFT ASSY, LEVER	1	1						
23	1	22137-080000	WASHER, 8	2	2						
24	1	22272-000070	RING, E- 7	1	1						
25	1	22351-035040	PIN, SPRING 3.5X40	1							
25-1	1	22351-035050	PIN, SPRING 3.5X50	1	1						N
(A=M/#20504)											
26	1	22351-060040	PIN, SPRING 6.0X40	1							
26-1	1	22351-060050	PIN, SPRING 6.0X50	1	1						N
(A=M/#20504)											
27	1	26013-080202	BOLT, M8X 20	2	2						

Fig.22. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)B-SPEC.

リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856

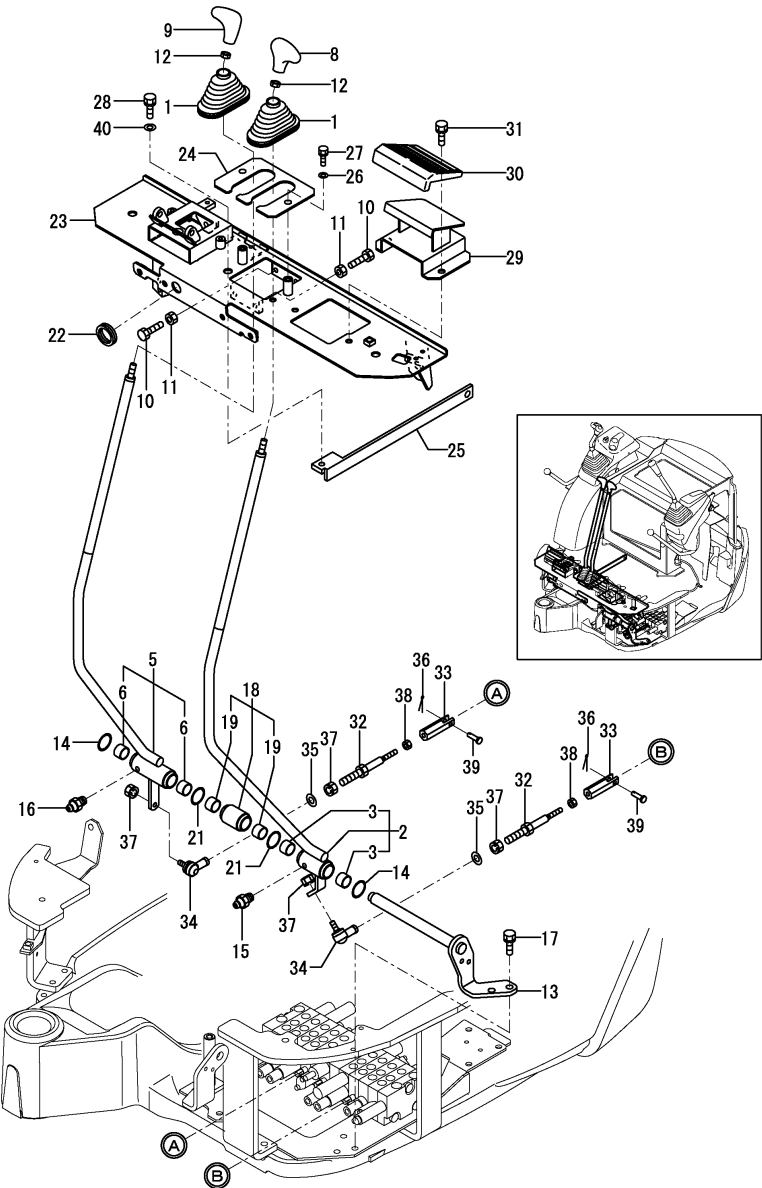


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-46800	STAND ASSY, LEVER	1	1						
2	2	172141-41370	BUSH 2015	2	2						
4	2	24550-025150	BUSH, 25X15	2	2						
5	1	26013-080162	BOLT, M8X 16	3	3						
6	1	172165-47711	PLATE	1	1						
7	1	172448-47900	SPRING, GAS GS044	1	1						
8	1	172165-47980	SHIM	2	2						
9	1	172165-47990	WASHER 25.5X42	1	1						
10	1	22137-060000	WASHER, 6	2	2						
11	1	22242-000250	RING, 25	1	1						
12	1	22417-160160	PIN, COTTER 1.6X16	2	2						
13	1	22487-060240	PIN, H 6X 24	1	1						
14	1	24311-000340	O-RING, 1AP34.0	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	1D4070-23580	GRIP	1	1						
17	1	172124-46200	O-RING	2	2						
18	1	172162-46690	SPRING	1	1						
19	1	172448-46950	BRACKET, CUTOFF SW	1	1						
20	1	172165-47550	BUSH	1	1						
21	1	172448-47620	LEVER L, LOCK (GRAY: 72	1	1						
22	1	172448-47650	SHAFT ASSY, LEVER	1	1						
23	1	22137-080000	WASHER, 8	2	2						
24	1	22272-000070	RING, E- 7	1	1						
25	1	22351-035050	PIN, SPRING 3.5X50	1	1						
26	1	22351-060050	PIN, SPRING 6.0X50	1	1						
27	1	26013-080202	BOLT, M8X 20	2	2						

Fig.23. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

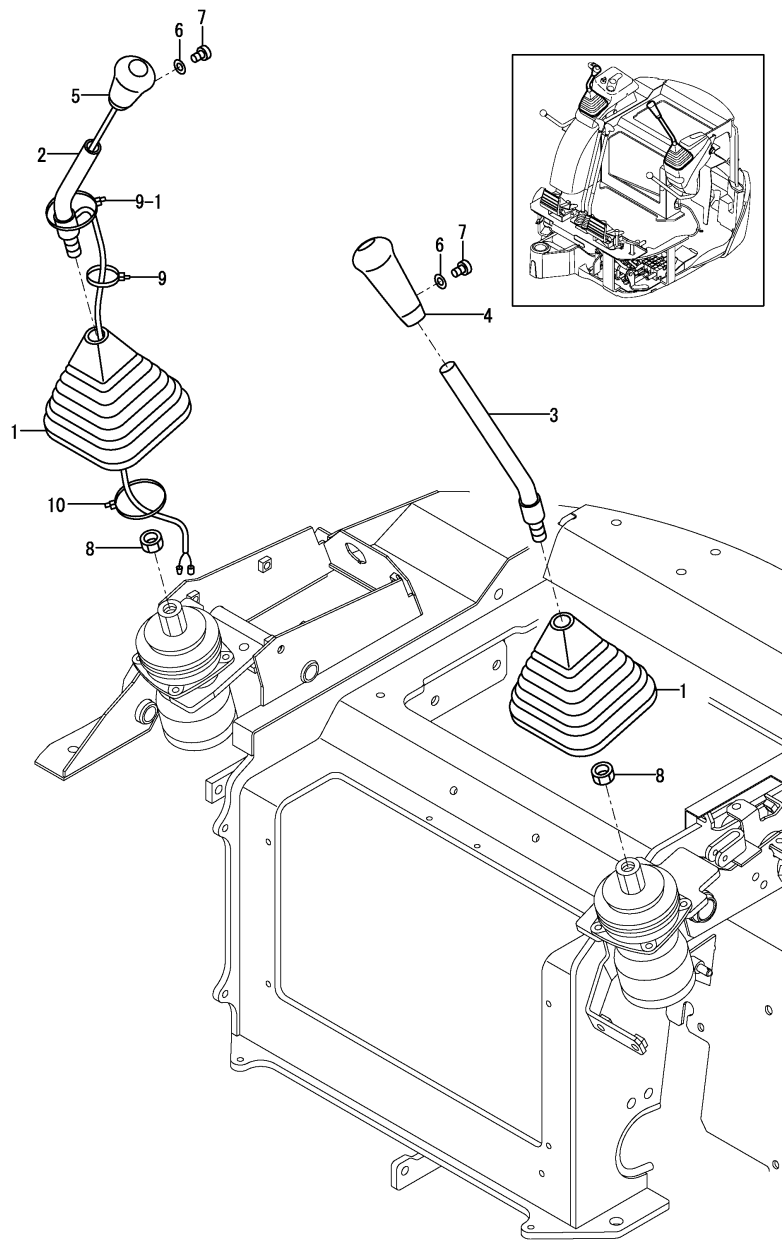
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOTS	2	2						
2	1	172448-45100	LEVER L,TRACK(GRAY72	1							
2-1	1	172448-45101	LEVER L,TRACK(GRAY72	1	1						N
(A=M/#20847)											
3	2	172141-41370	BUSH 2015	2	2						
5	1	172448-45140	LEVER R,TRACK(GRAY72	1							
5-1	1	172448-45141	LEVER R ASSY,TRACK72	1							N
(A=M/#20689)											
5-2	1	172448-45142	LEVER R,TRACK (72)	1	1						N
(A=M/#20847)											
6	2	172141-41370	BUSH 2015	2	2						
8	1	172164-45951	GRIP, DRIVE	1	1						
9	1	172164-45961	GRIP, DRIVE	1	1						
10	1	26116-100404	BOLT, M10X 40 PLATED	4	4						
11	1	26716-100002	NUT, M10	4	4						
12	1	26756-100002	NUT, LOCK M10	2	2						
13	1	172448-45570	SHAFT ASSY, TRACK	1	1						
14	1	172124-46200	O-RING	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
16	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
17	1	26013-100252	BOLT, M10X 25	2	2						
18	1	172448-46150	LINK ASSY,STD	1	1						1
19	2	172141-41370	BUSH 2015	2	2						1
21	1	172124-46200	O-RING	2	2						1
22	1	172187-16560	GROMMET	1	1						
23	1	172448-45400	STAND, PEDAL	1							
23-1	1	172448-45401	STAND, PEDAL	1	1					N	2
(A=M/#20550)											
24	1	172448-45510	PLATE,TRACK(BLACK:12	1	1						
25	1	172448-45520	RIB,STEP	1	1						
26	1	22137-080000	WASHER, 8	2	2						
27	1	26013-080162	BOLT, M8X 16	2	2						
28	1	26013-100202	BOLT, M10X 20	2	2						
29	1	172448-45350	FOOTLEST L(BLACK:12)	1	1						1
30	1	172187-45760	COVER PAD	1	1						1
31	1	26013-100202	BOLT, M10X 20	2	2						1
32	1	172448-45260	ROD 90	2	2						
33	1	172448-45660	ROD,SPOOL	2	2						
34	1	172122-46590	ELBOW	2	2						
35	1	22117-080000	WASHER, 8	2	2						
36	1	22417-160160	PIN, COTTER 1.6X16	2	2						
37	1	26051-080002	NUT, M8	4	4						
38	1	26716-050002	NUT, M5	2	2						
39	1	933110-54100	PIN 4.75X14	2	2						
40	1	22137-100000	WASHER, 10	2	2						

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH FIG.NO.71
REF.NO.6 & NO.7.

Fig.24. CONTROL EQUIPMENT(OPERATION LEVER)



Remarks
(1)A KNOB WITH A BUILT-IN
HORN SWITCH.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

[illegible]

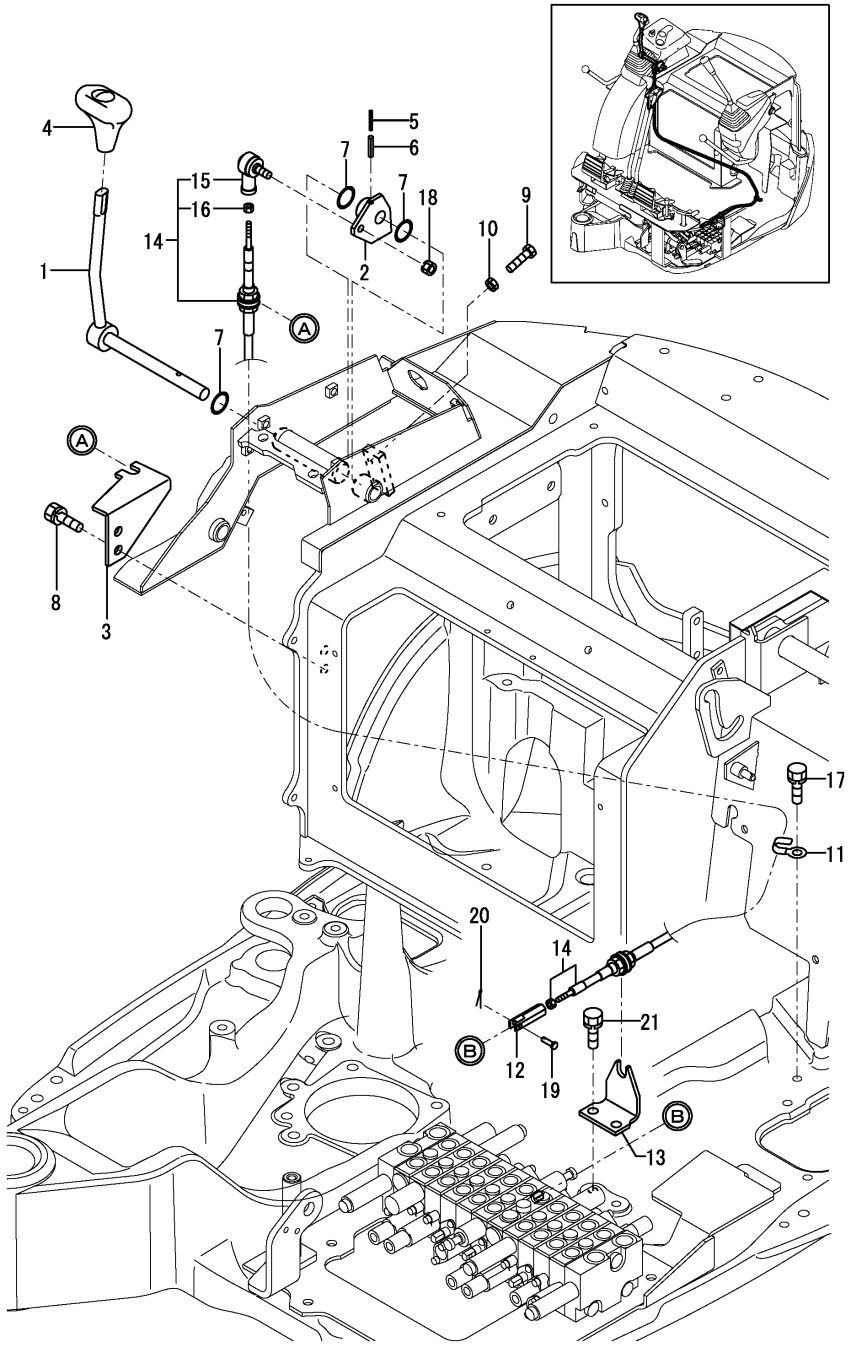
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.25. CONTROL EQUIPMENT(BLADE LEVER)

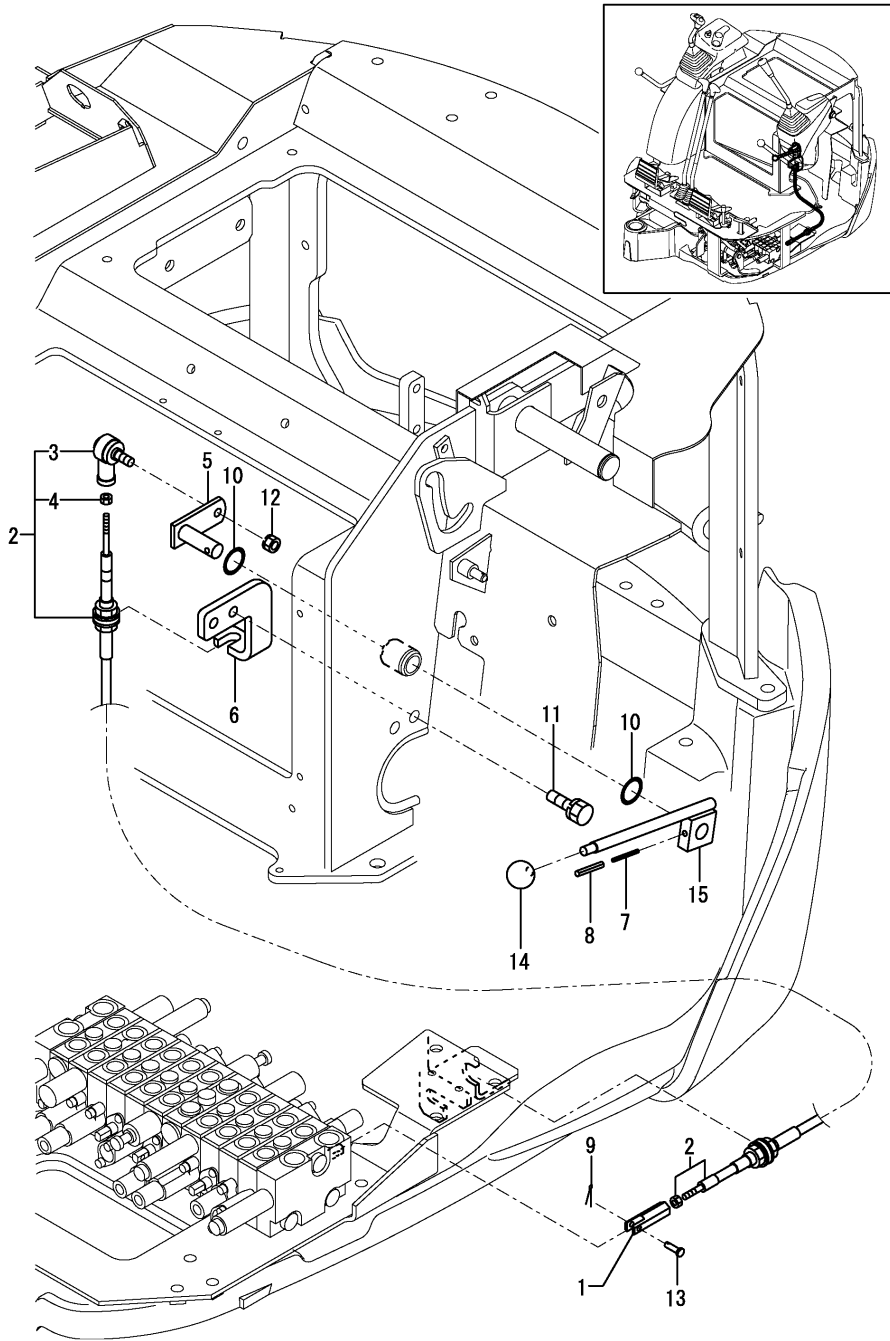
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45700	LEVER, BLADE (GRAY:72)	1	1						
2	1	172448-45740	PLATE, BLADE	1	1						
3	1	172448-45780	BRACKET, BLADE WIRE	1							
3-1	1	172448-45770	BRACKET, BLADE	1	1						N
(A=M/#20550)											
3-2	1	172448-45771	BRACKET, BLADE	1	1						N
(A=XXX) (B=XXX)											
4	1	172164-45970	GRIP, BLADE	1	1						
5	1	22351-030025	PIN, SPRING 3.0X25	1	1						
6	1	22351-050025	PIN, SPRING 5.0X25	1	1						
7	1	24311-000210	O-RING, 1AP21.0	3	3						
8	1	26013-100202	BOLT, M10X 20	2	2						
9	1	26116-080304	BOLT, M8X 30 PLATED	2	2						
10	1	26716-080002	NUT, M8	2	2						
11	1	172126-16540	CLAMP	1	1						
12	1	172448-45660	ROD, SPOOL	1	1						
13	1	172448-45840	BRACKET, BR CABLE	1	1						
14	1	172448-45850	CABLE, BLADE	1	1						
15	2	172458-45810	JOINT, BALL	1	1						W
(A=M/#20501)											
16	2	26757-050002	NUT, LOCK M5	1	1						W
(A=M/#20501)											
17	1	26013-100202	BOLT, M10X 20	1	1						
18	1	26051-080002	NUT, M8	1	1						
19	1	933110-54100	PIN 4.75X14	1	1						
20	1	22417-160160	PIN, COTTER 1.6X16	1	1						
21	1	26013-100202	BOLT, M10X 20	2	2						

Fig.26. CONTROL EQUIPMENT(VARIABLE LEG LEVER)

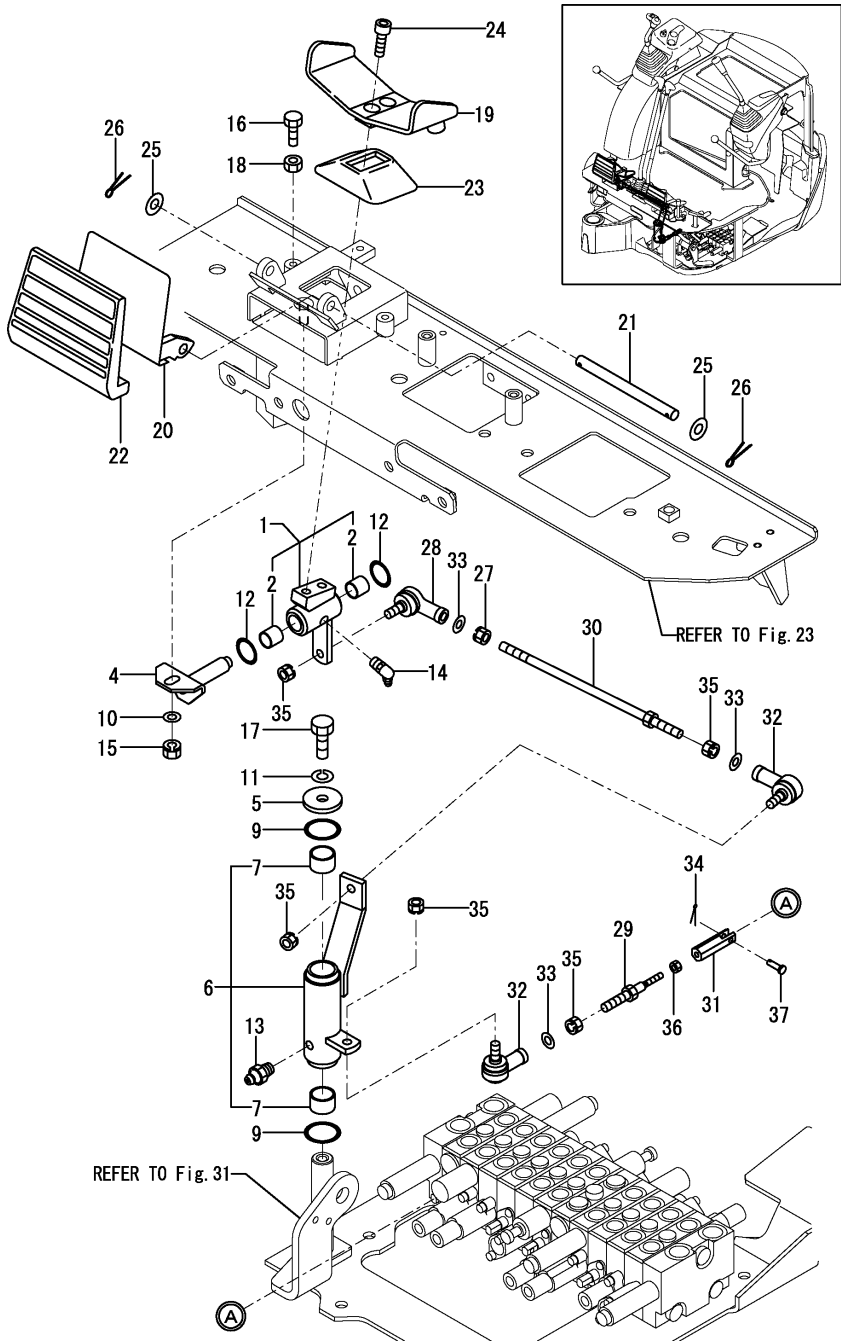


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45660	ROD,SPOOL	1	1						
2	1	172448-45870	CABLE	1	1						
3	2	172458-45810	JOINT, BALL	1	1						W
(A=M/#20501)											
4	2	26757-050002	NUT, LOCK M5	1	1						W
(A=M/#20501)											
5	1	172448-47830	LINK,W/S	1	1						
6	1	172448-47860	BRACKET,W/S	1	1						
7	1	22351-030032	PIN, SPRING 3.0X32	1	1						
8	1	22351-050032	PIN, SPRING 5.0X32	1	1						
9	1	22417-160160	PIN, COTTER 1.6X16	1	1						
10	1	24311-000210	O-RING, 1AP21.0	2	2						
11	1	26013-100202	BOLT, M10X 20	2	2						
12	1	26051-080002	NUT, M8	1	1						
13	1	933110-54100	PIN 4.75X14	1	1						
14	1	172446-45950	KNOB, LEVER	1	1						
15	1	172448-47800	LEVER,W/S (GRAY:72)	1							
15-1	1	172448-47801	LEVER,W/S (GRAY:72)	1	1						N
(A=M/#20550)											

Fig.27. CONTROL EQUIPMENT(SWING PEDAL)

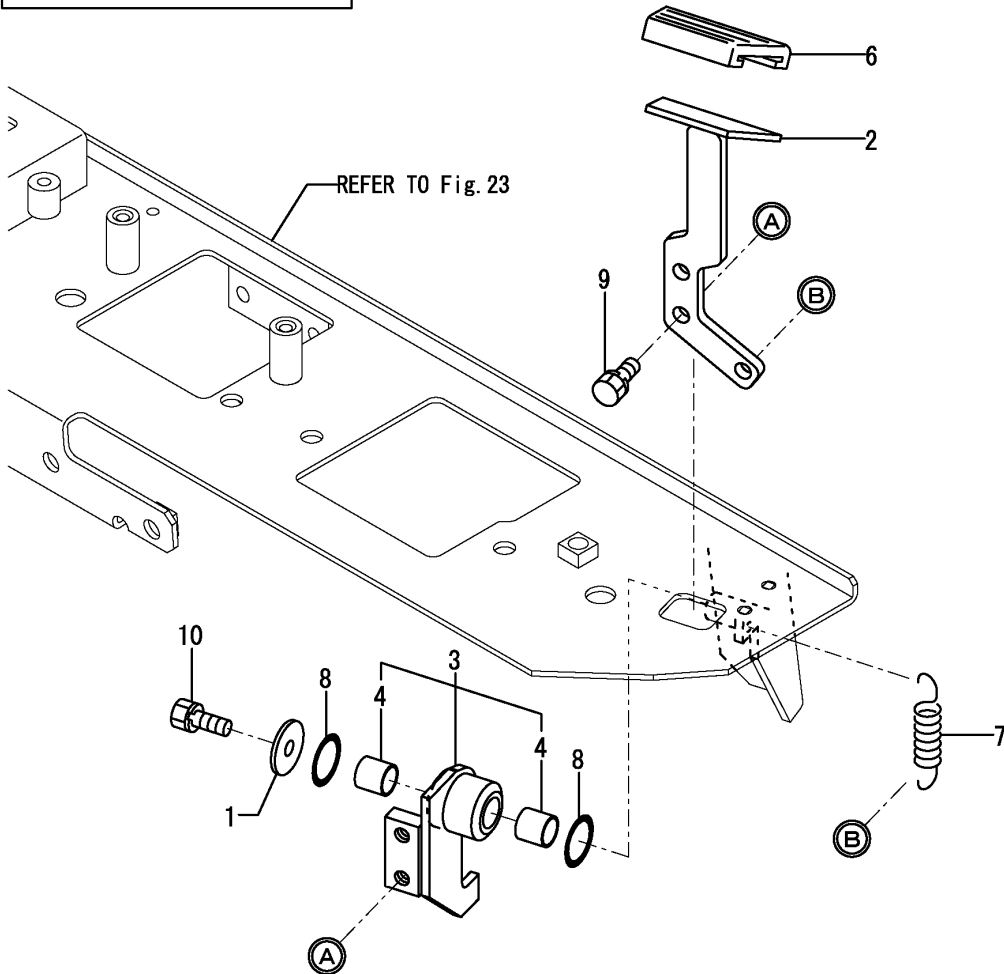
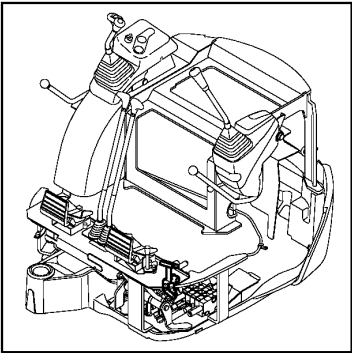
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



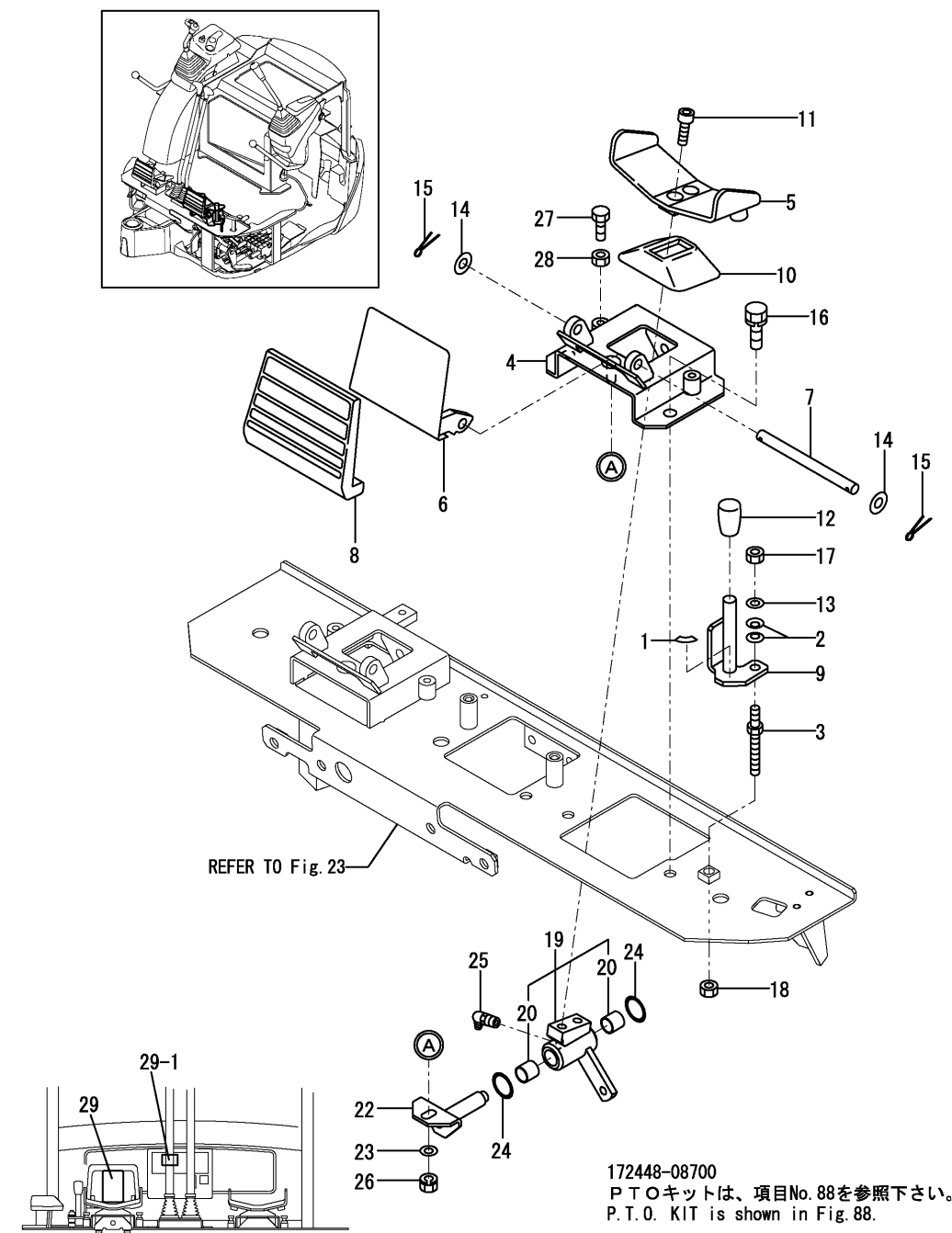
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45200	LINK,SWING ASSY	1	1						
2	2	172141-41360	BUSH 1415	2	2						
4	1	172187-45530	SHAFT ASSY	1	1						
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1						
6	1	172448-46120	LINK SWING ASSY	1	1						
7	2	172141-41370	BUSH 2015	2	2						
9	1	172124-46200	O-RING	2	2						
10	1	22137-080000	WASHER, 8	1	1						
11	1	22217-100000	WASHER, SPRING 10	1	1						
12	1	24311-000210	O-RING, 1AP21.0	2	2						
13	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
14	1	24761-040000	NIPPLE, GREASE B	1	1						
15	1	26051-080002	NUT, M8	1	1						
16	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
17	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
18	1	26716-080002	NUT, M8	2	2						
19	1	172458-45521	PEDAL,SWING(GRAY:72)	1	1						
20	1	172458-45540	COVER, PEDAL	1	1						
21	1	172187-45650	SHAFT, COVER	1							
21-1	1	172187-45651	SHAFT	1	1						R
(A=M/#20941)											
22	1	172187-45760	COVER PAD	1	1						
23	1	172157-45990	BOOTS, PEDAL	1	1						
24	1	172165-46340	BOLT	2	2						
25	1	22137-100000	WASHER, 10	2							
25-1	1	22137-100000	WASHER, 10	1	1						K
(A=M/#20941)											
26	1	22417-250200	PIN, COTTER 2.5X20	2							
26-1	1	22417-250200	PIN, COTTER 2.5X20	1	1						K
(A=M/#20941)											
27	1	194200-37780	NUT, M8	1	1						
28	1	172734-41300	JOINT, BALL	1	1						
29	1	172448-45290	ROD 75	1	1						
30	1	172146-45630	ROD, OFFSET	1	1						
31	1	172448-45660	ROD,SPOOL	1	1						
32	1	172122-46590	ELBOW	2	2						
33	1	22117-080000	WASHER, 8	3	3						
34	1	22417-160160	PIN, COTTER 1.6X16	1	1						
35	1	26051-080002	NUT, M8	5	5						
36	1	26716-050002	NUT, M5	1	1						
37	1	933110-54100	PIN 4.75X14	1	1						

Fig.28. 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	1						
2	1	172448-45900	PEDAL (GRAY:72)	1	1						
3	1	172448-45920	BRACKET ASSY,PEDAL	1	1						
4	2	172141-41360	BUSH 1415	2	2						
6	1	172458-45950	PAD,PEDAL	1	1						
7	1	172162-46690	SPRING	1	1						
8	1	24311-000210	O-RING, 1AP21.0	2	2						
9	1	26013-080162	BOLT, M8X 16	2	2						
10	1	26013-080202	BOLT, M8X 20	1	1						

Fig.29. CONTROL EQUIPMENT(P.T.O. PEDAL)



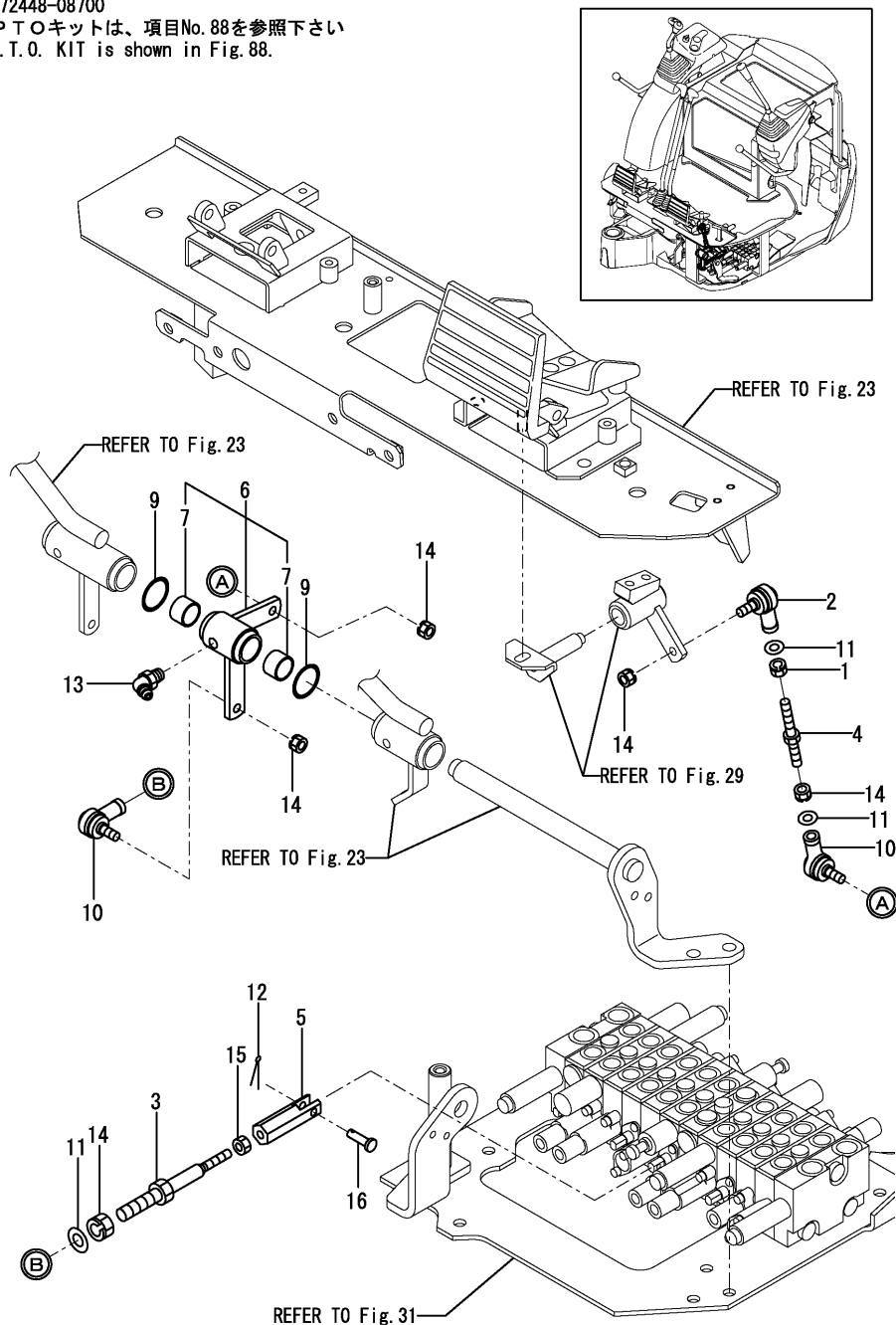
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-03240	LABEL,LOCK	1	1						
2	1	172068-28490	SPRING	2	2						
3	1	172448-45300	BOLT 8X75	1	1						
4	1	172448-45380	BRACKET,PTO(BLACK:12	1	1						
5	1	172458-45521	PEDAL,SWING(GRAY:72)	1	1						
6	1	172458-45540	COVER, PEDAL	1	1						
7	1	172187-45650	SHAFT, COVER	1							
7-1	1	172187-45651	SHAFT	1	1						R
(A=M/#20941)											
8	1	172187-45760	COVER PAD	1	1						
9	1	172472-45960	LOCK ASSY (GRAY:72)	1							
9-1	1	172448-45800	PLATE,LOCK(PTO (11)	1	1						N
(A=M/#20503)											
10	1	172157-45990	BOOTS, PEDAL	1	1						
11	1	172165-46340	BOLT	2	2						
12	1	172116-46630	KNOB, LEVER	1							Z
(A=M/#20503)											
13	1	22137-080000	WASHER, 8	1	1						
14	1	22137-100000	WASHER, 10	2							
14-1	1	22137-100000	WASHER, 10	1	1						K
(A=M/#20941)											
15	1	22417-250200	PIN, COTTER 2.5X20	2							
15-1	1	22417-250200	PIN, COTTER 2.5X20	1	1						K
(A=M/#20941)											
16	1	26013-100202	BOLT, M10X 20	2	2						
17	1	26347-080002	NUT, M8	1	1						
18	1	26716-080002	NUT, M8	1	1						
19	1	172448-45220	LINK ASSY,PTO	1	1						
20	2	172141-41360	BUSH 1415	2	2						
22	1	172187-45530	SHAFT ASSY	1	1						
23	1	22137-080000	WASHER, 8	1	1						
24	1	24311-000210	O-RING, 1AP21.0	2	2						
25	1	24761-040000	NIPPLE, GREASE B	1	1						
26	1	26051-080002	NUT, M8	1	1						
27	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
28	1	26716-080002	NUT, M8	2	2						
29	1	172165-03231	LABEL, P.T.O.	1	1						
29-1	1	172496-03250	LABEL, P.T.O.	1	1						N
(A=M/#21434) (B=M/#21434)											

Fig.30. CONTROL EQUIPMENT(P.T.O. LINK)

P.T.O. KIT is shown in Fig. 88.



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	194200-37780	NUT, M8	1	1					
2	1	172734-41300	JOINT, BALL	1	1					
3	1	172448-45260	ROD 90	1	1					
4	1	172469-45360	ROD 77	1	1					
5	1	172448-45660	ROD,SPOOL	1	1					
6	1	172448-46100	LINK ASSY,PTO	1	1					
7	2	172141-41370	BUSH 2015	2	2					
9	1	172124-46200	O-RING	2	2					
10	1	172122-46590	ELBOW	2	2					
11	1	22117-080000	WASHER, 8	3	3					
12	1	22417-160160	PIN, COTTER 1.6X16	1	1					
13	1	24761-040000	NIPPLE, GREASE B	1	1					
14	1	26051-080002	NUT, M8	5	5					
15	1	26716-050002	NUT, M5	1	1					
16	1	933110-54100	PIN 4.75X14	1	1					

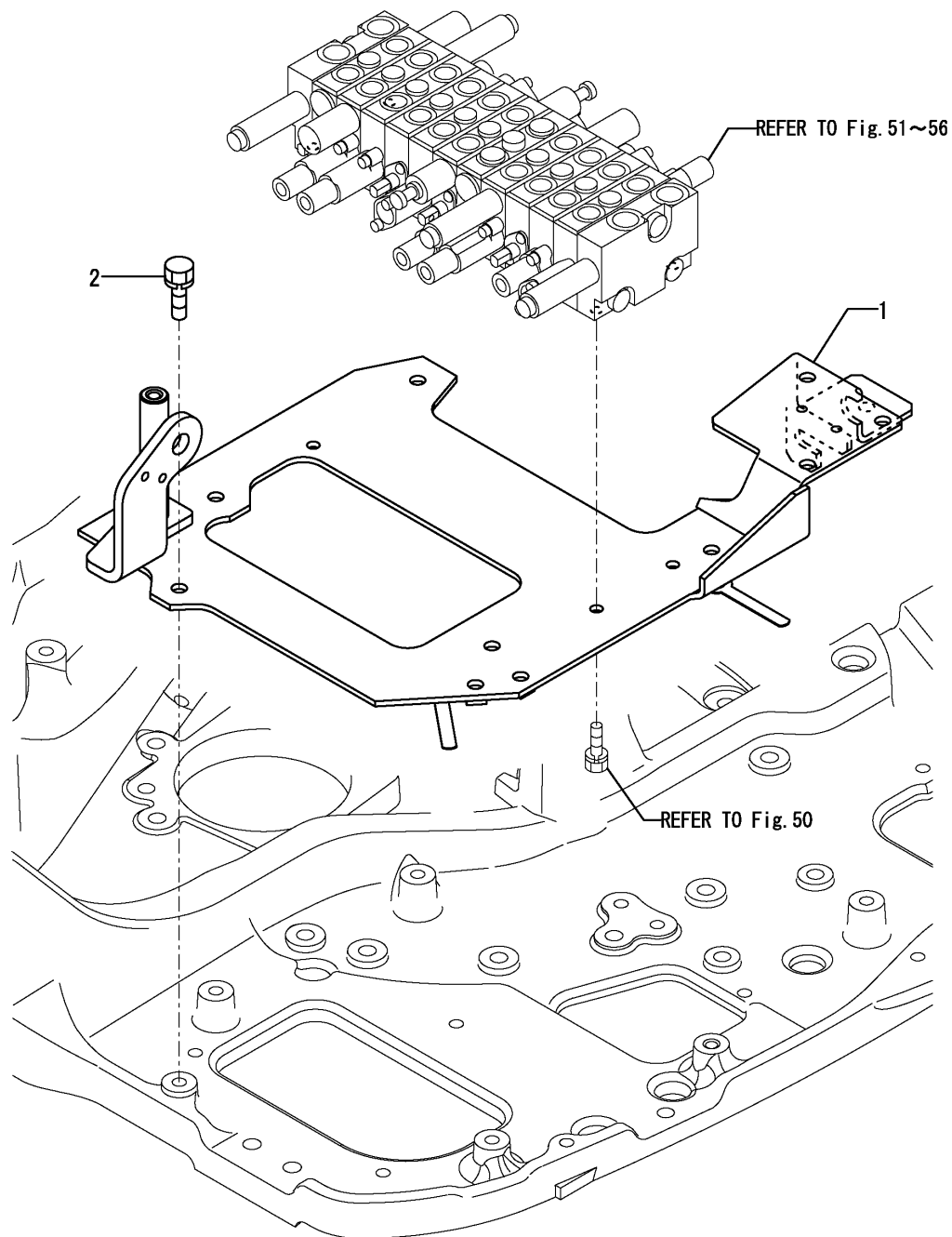
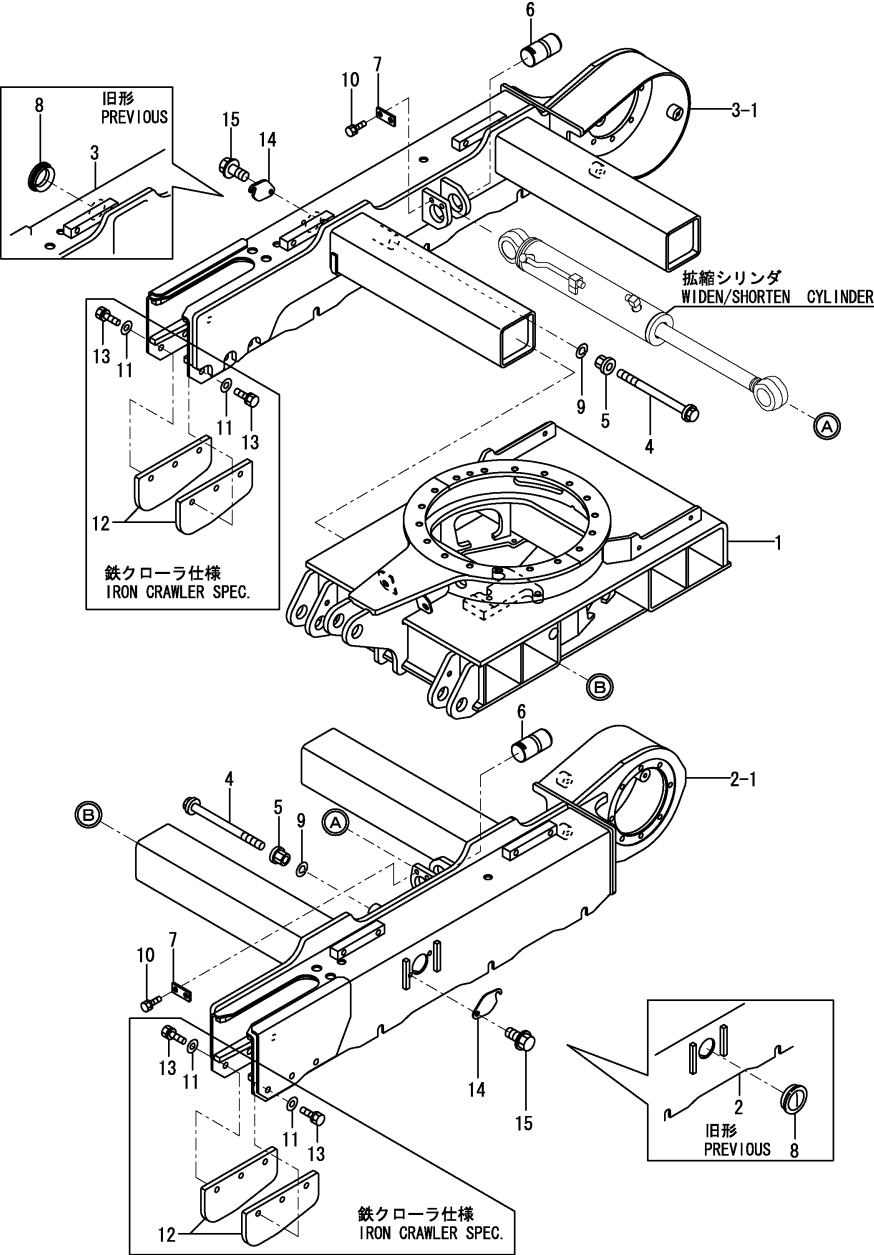
[illegible]

Fig.32. TRACK FRAME



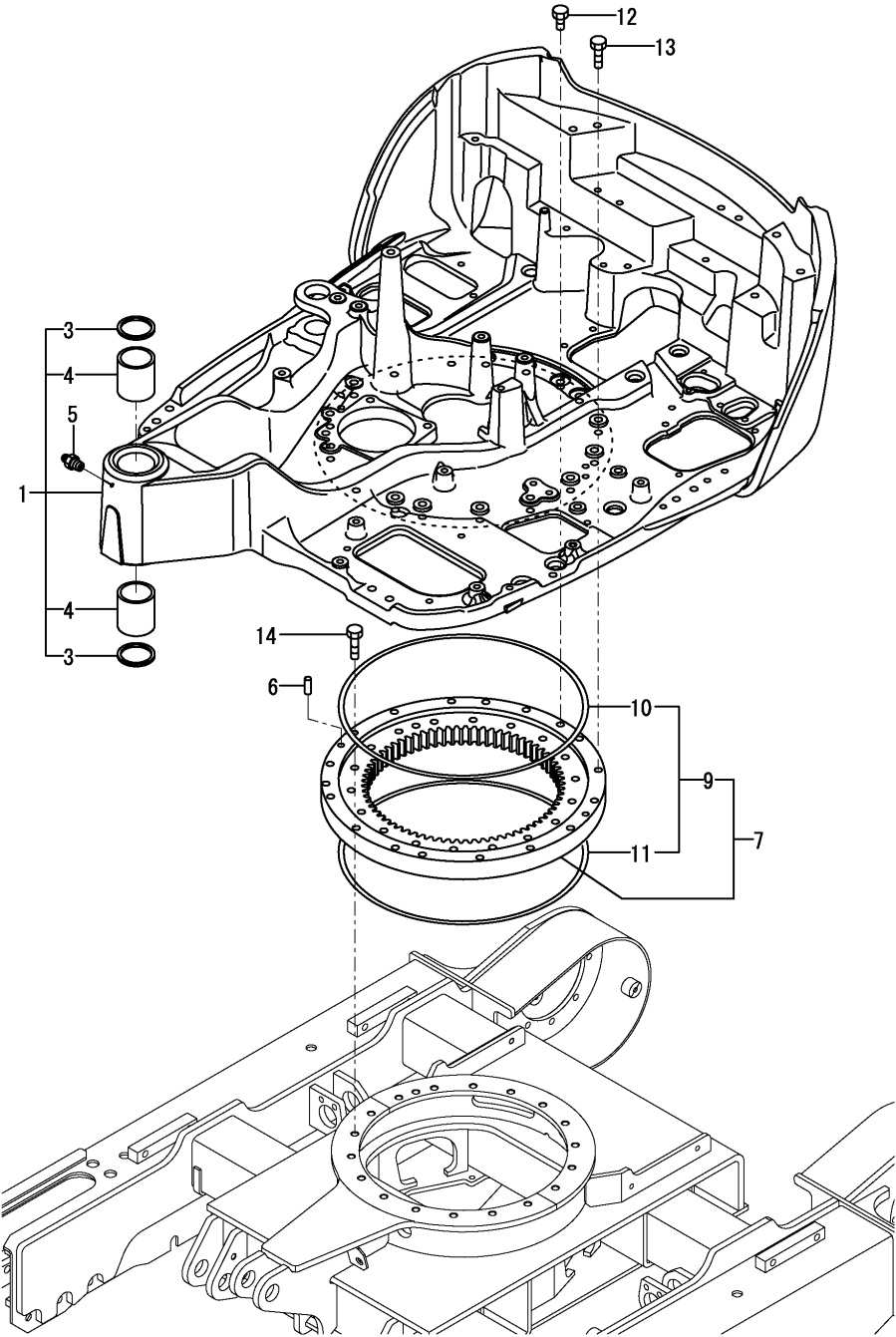
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-50200	FRAME,LOWER CENTER	1	1						
2	1	172448-50400	FRAME,CRAWER L (88)	1	1						
2-1	1	172448-50401	FRAME,CRAWER L (88)	1	1						S
(A=M/#21434) (B=M/#21434)											
3	1	172448-50410	FRAME,CRAWER R (88)	1	1						
3-1	1	172448-50411	FRAME,CRAWER R (88)	1	1						S
(A=M/#21434) (B=M/#21434)											
4	1	172448-50700	BOLT,STOPPER	2	2						
5	1	172448-50720	NUT ASSY, STOPPER	2	2						
6	1	172448-50760	PIN 40-70	2	2						
7	1	172448-50770	PLATE (GREEN:88)	2	2						
8	1	172141-50890	GROMMET	2	2						Z
(A=M/#21434) (B=M/#21434)											
9	1	22212-160000	SPRING WAHER 16	2	2						
10	1	26013-100162	BOLT, M10X 16	4	4						
11	1	172730-05250	WASHER 12	12							1
12	1	172448-50800	GUARD, SHOE	4							1
13	1	26013-120302	BOLT, M12X 30	12							1
14	1	172458-50480	COVER, FRAME	2	2						W
(A=M/#21434) (B=M/#21434)											
15	1	26106-100122	BOLT, M10X 12 PLATED	4	4						W
(A=M/#21434) (B=M/#21434)											

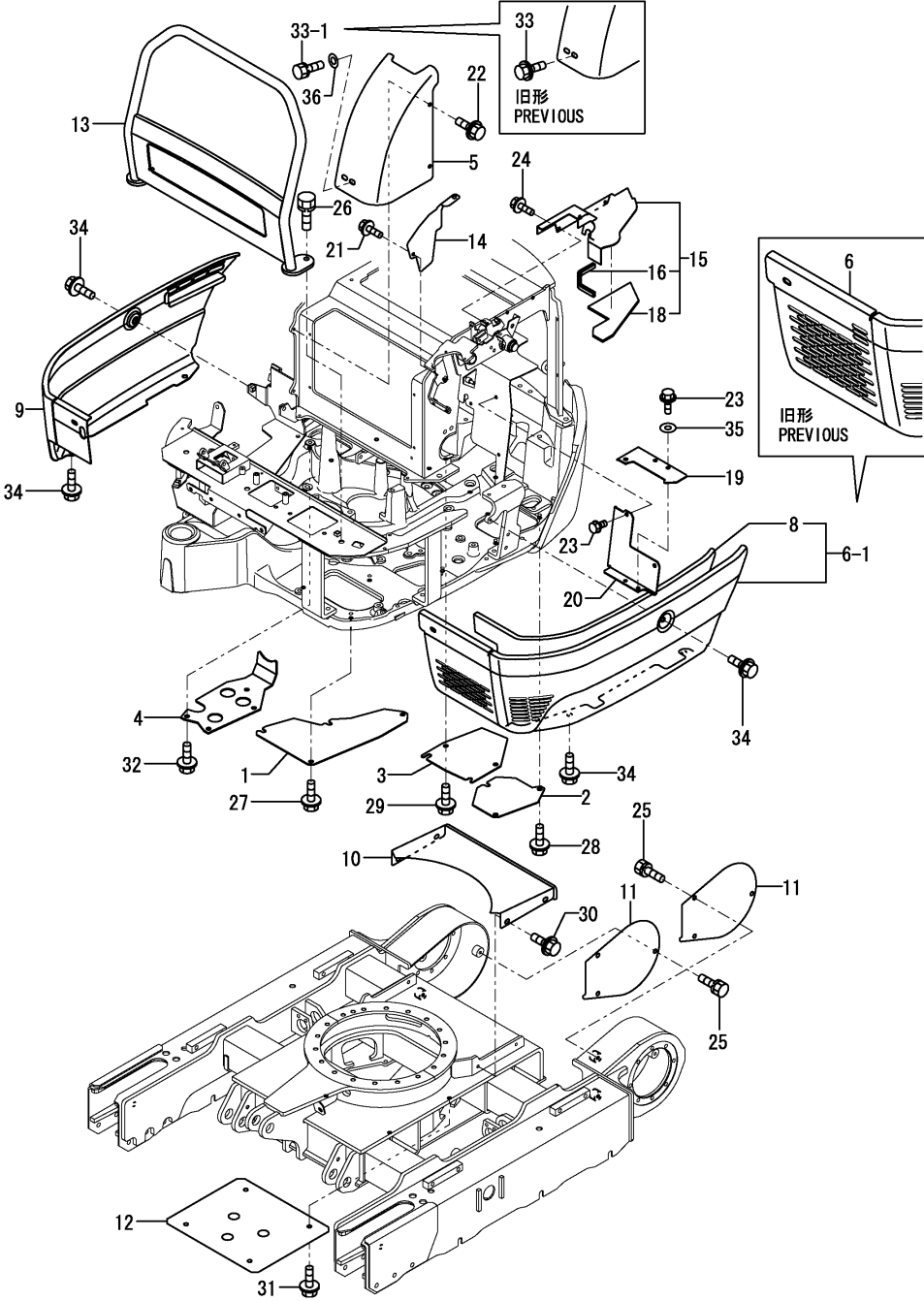
Remarks
(1)IRON CRAWLER SPEC.

Fig.33. TURNING FRAME & TURNING BEARIN



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-54100	FRAME,TURNING (88)	1	1						
1-1	1	172448-54101	FRAME A, TURNING(88)	1	1						N
(A=M/#26118) (B=M/#26118)											
3	2	172448-54120	SEAL, DUST	2	2						
4	2	172171-54750	BUSH 50X65	2	2						
5	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
6	1	194940-24350	PIN, 10X28	3	3						
7	1	172447-57600	BEARING,TURNING	1	1						
9	2	172149-57610	SEAL SET	1	1						
10	3	172149-57620	SEAL	1	1						
11	3	172149-57630	SEAL	1	1						
12	1	26076-120252	BOLT, 10.912X 25	4	4						
13	1	26076-120402	BOLT, 10.912X 40	13	13						
14	1	26076-120452	BOLT, 10.912X 45	18	18						

Fig.34. COVER

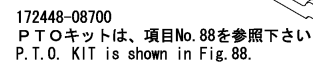


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-61110	COVER	1	1						
2	1	172448-61120	COVER	1	1						
3	1	172448-61130	COVER, ENGINE	1	1						
4	1	172448-61140	COVER	1	1						
5	1	172448-61160	COVER	1	1						
6	1	172448-61190	COVER	1							
6-1	1	172448-61191	COVER	1	1						S
(A=M/#20689)											
8	2	172448-61240	SPONGE	1	1						
9	1	172448-61250	COVER	1	1						
10	1	172448-61450	COVER, HOSE	1	1						
11	1	172448-61500	COVER, MOTOR	2	2						
12	1	172448-61530	COVER	1	1						
13	1	172448-61600	COVER	1	1						
14	1	172448-61710	COVER	1	1						
15	1	172448-61800	COVER, RESERVOIR	1	1						
16	2	172444-17620	SEAL	1	1						
18	2	172448-61870	SPONGE	1	1						
19	1	172448-61890	COVER, MULTI	1	1						
20	1	172448-61910	COVER, MULTI	1	1						
21	1	172519-63240	BOLT	1	1						
22	1	172519-63240	BOLT	2	2						
23	1	172519-63240	BOLT	4	4						
24	1	172519-63240	BOLT	2	2						
25	1	26013-100202	BOLT, M10X 20	6	6						
26	1	26013-120302	BOLT, M12X 30	2	2						
27	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
28	1	26106-100162	BOLT, M10X 16 PLATED	3	3						
29	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
30	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
31	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
32	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
33	1	26106-100162	BOLT, M10X 16 PLATED	1							
33-1	1	26013-100202	BOLT, M10X 20	1							R
(A=M/#20501)											
33-2	1	26013-100202	BOLT, M10X 20	1							Z
(A=M/#21002)											
34	1	26106-100162	BOLT, M10X 16 PLATED	8	8						
35	1	172458-62430	WASHER M8	2	2						W
(A=M/#20504)											
36	1	22137-100000	WASHER, 10	1							W
(A=M/#20501)											
36-1	1	22137-100000	WASHER, 10	1							Z
(A=M/#21002)											

Fig.35. STEP & INSTRUMENT PANEL



172448-08520
2ウェイマルチバルブキットは、
項目No. 86を参照下さい
2-WAY MULTI VALVE KIT is shown in Fig. 86

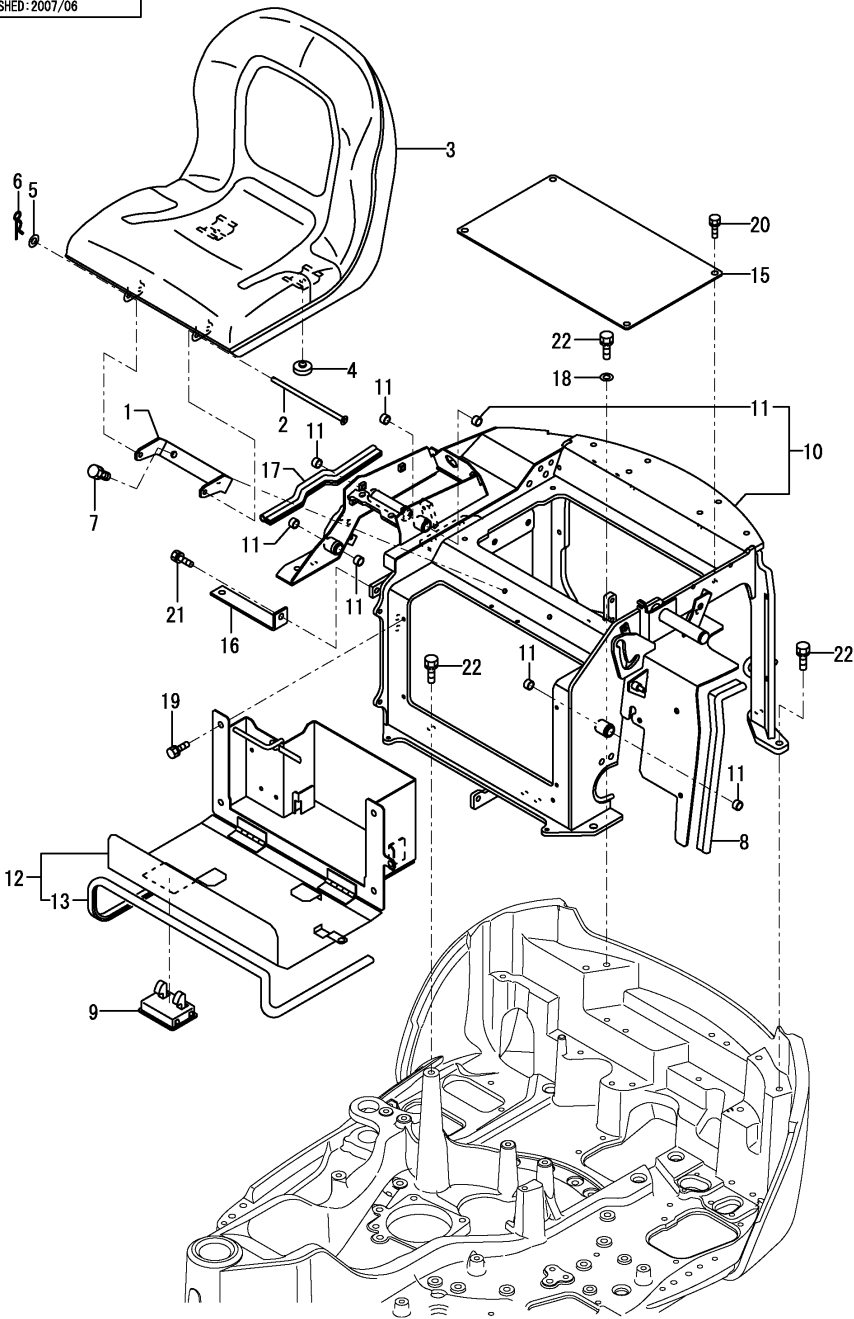
Remarks
(1)P.T.O. SPEC.
(2)2-WAY SPEC.
(3)MULTI CHANGE SPEC.

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

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Fig.36. SEAT & SEAT MOUNT

P/C NEWS No:Y00K3792-1
PUBLISHED:2007/06

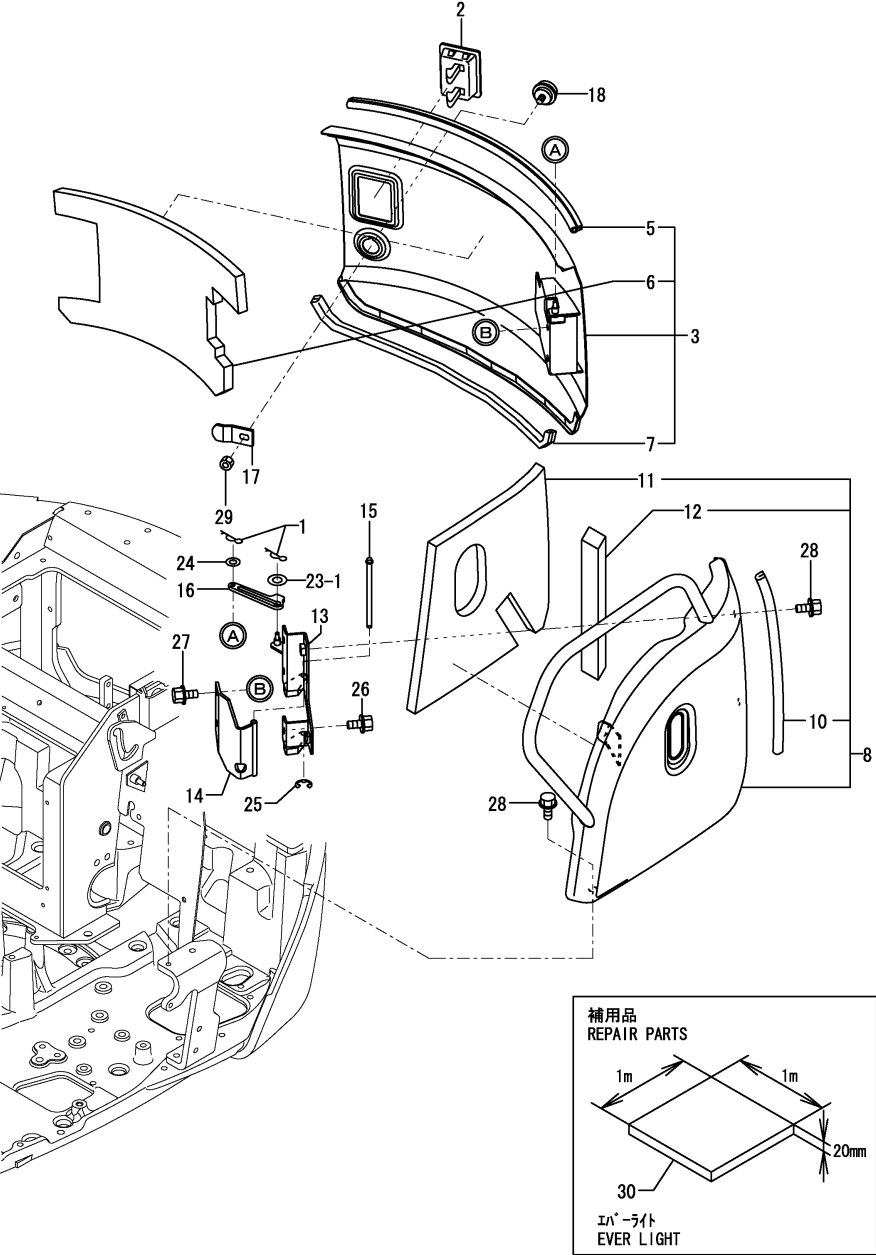


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-64060	BRACKET,SEAT(GRAY:73	1	1						
2	1	172448-64080	PIN	1	1						
3	1	172649-64101	SEAT ASSY, OPERATOR	1	1						
4	1	172141-64370	CUSHION, SEAT	2	2						
5	1	22137-080000	WASHER, 8	1	1						
6	1	22372-080000	PIN, SNAP 8	1	1						
7	1	26013-100202	BOLT, M10X 20	2	2						
8	1	172164-13520	RUBBER, SEAL	1	1						
9	1	172187-61421	HANDLE, LOCK	1	1						
10	1	172448-64210	MOUNT,SEAT (GRAY:73)	1							
10-1	1	172448-64211	MOUNT,SEAT (GRAY:73)	1	1						N
(A=M/#20847)											
10-2	1	172448-64200	MOUNT,SEAT (GRAY:73)	1	1						N
(A=XXX) (B=XXX)											
11	2	24550-014100	BUSH, 14X10	7	7						
12	1	172448-64710	MOUNT,BATTERY(GRAY73	1	1						
13	2	172141-64350	SEAL, MOUNT	1	1						
15	1	172448-64760	PLATE,SEAT (GRAY:73)	1	1						
16	1	172448-64920	CROSS MEMBER	1	1						
17	1	172444-65680	RUBBER, SEAL	1	1						
18	1	22137-120000	WASHER, 12	1	1						
19	1	26013-100202	BOLT, M10X 20	4	4						
20	1	26013-100202	BOLT, M10X 20	4	4						
21	1	26013-100202	BOLT, M10X 20	2	2						
22	1	26013-120302	BOLT, M12X 30	6	6						

Fig.37. BONNET(1)

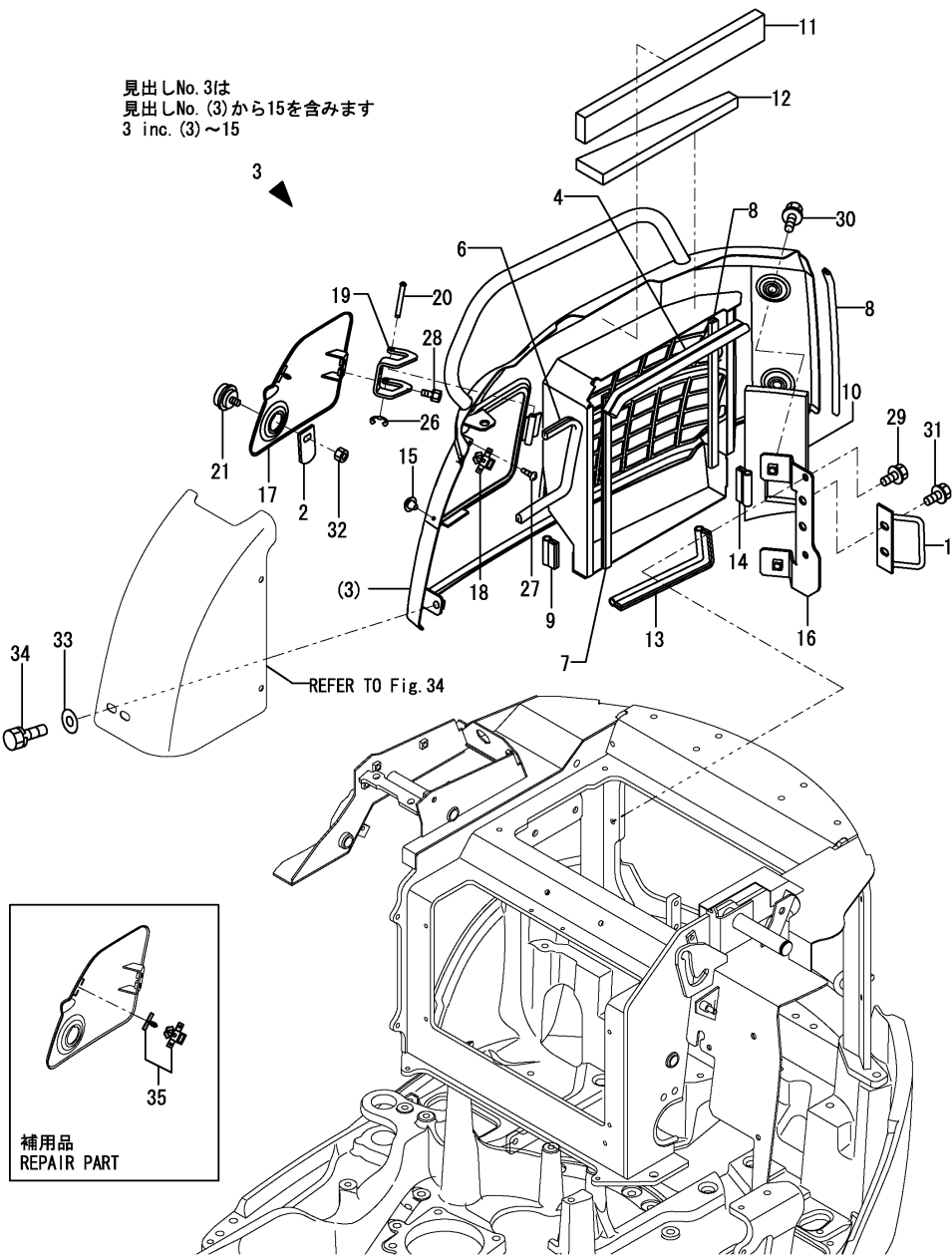


Remarks
(1)REPAIR PARTS.

OCK10-M37902 Fig.37

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6281-52310	PIN, SNAP 6	2	2						
2	1	172187-61421	HANDLE, LOCK	1	1						
3	1	172448-65090	BONNET A (GREEN:96)	1	1						
5	2	172448-65170	SEAL, BONNET	1	1						
6	2	172448-65180	SPONGE	1	1						
7	2	172649-65770	RUBBER, SEAL	1	1						
8	1	172448-65190	BONNET L (GREEN:96)	1	1						
10	2	172448-65700	SEAL, RUBBER 280	1	1						
11	2	172448-65750	SPONGE	1	1						
12	2	172448-65760	SPONGE	1	1						
13	1	172448-65400	BRACKET ASSY,BONNET	1	1						
14	1	172448-65450	HINGE	1	1						
15	1	172448-65490	SHAFT, HINGE	1	1						
16	1	172448-65550	GUIDE, LOCK	1	1						
17	1	172448-65580	LOCK PLATE,BONNET A	1	1						
18	1	172164-66170	KEY ASSY, CYLINDER	1	1						
23-1	1	22117-060000	WASHER, 6	1	1						
24	1	22137-060000	WASHER, 6	1							
24-1	1	22157-060000	WASHER, 6	1	1						N
(A=M/#20501)											
25	1	22272-000070	RING, E- 7	1	1						
26	1	26106-100202	BOLT, M10X 20 PLATED	3	3						
27	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
28	1	26106-100202	BOLT, M10X 20 PLATED	4	4						
29	1	26347-100002	NUT, M10	1	1						
30	1	172478-65750	SPONGE	1	1						1

Fig.38. BONNET(2)



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

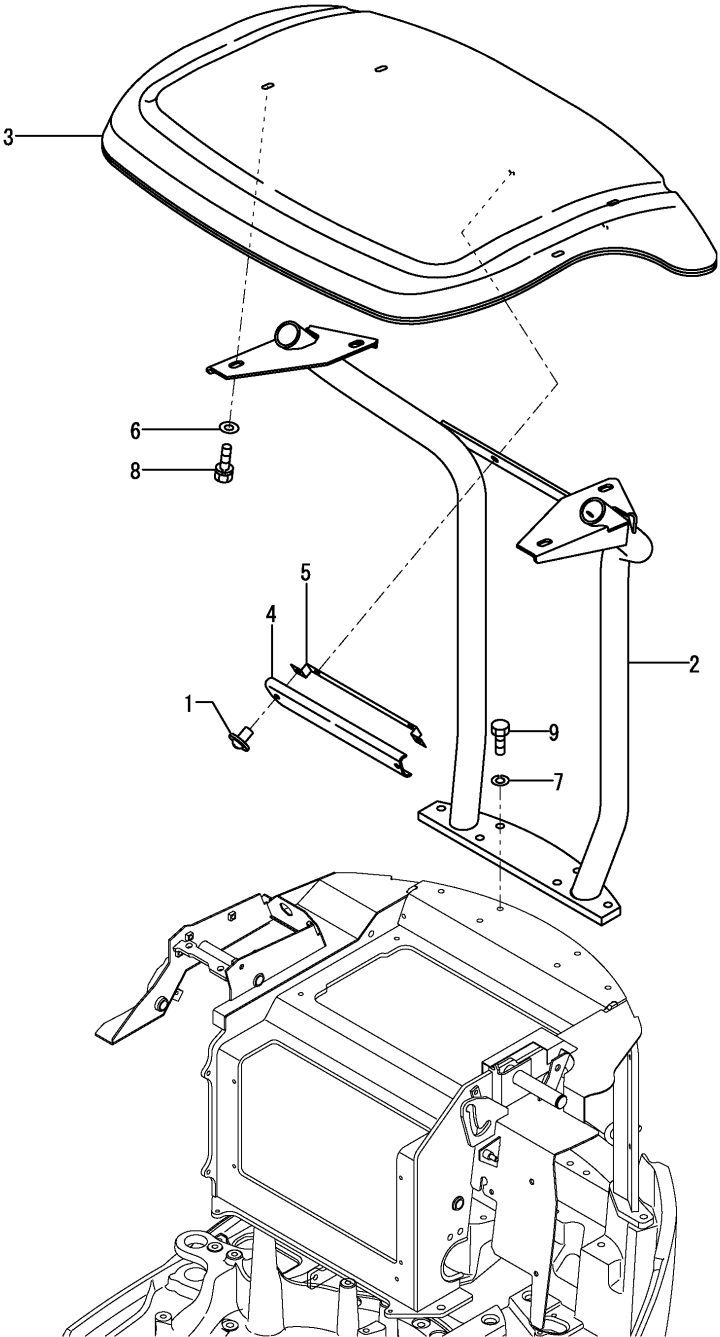
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-65070	BAR ASSY, LOCK	1	1						
2	1	172448-65270	LOCK PLATE,FO	1	1						
3	1	172448-65290	BONNET R (GREEN:96)	1	1						
4	2	172162-15310	SEAL	1	1						
6	2	172164-65580	MOLDING	1	1						
7	2	172448-65590	RUBBER, SEAL 330	1	1						
8	2	172448-65700	SEAL, RUBBER 280	2	2						
9	2	172171-65850	RUBBER, SEAL	1	1						
10	2	172448-65850	SPONGE	1	1						
11	2	172448-65860	SPONGE	1	1						
12	2	172448-65870	SPONGE	1	1						
13	2	172164-66480	RUBBER 340, SEAL	1	1						
14	2	172164-66800	RUBBER, SEAL 60	1							
14-1	2	172422-65750	SEAL, DUCT	1	1						N
(A=M/#20503)											
15	2	172176-67790	PLUG	1	1						
16	1	172448-65500	BRACKET ASSY,BONNET	1	1						
17	1	172448-65610	COVER ASSY, FUEL	1	1						
18	1	172448-65680	CATCH, ROLLER	1	1						
19	1	172448-65960	HINGE,FO COVER	1	1						
20	1	172448-65970	PIN,HINGE FO	1	1						
21	1	172164-66170	KEY ASSY, CYLINDER	1	1						
26	1	22272-000050	RING, E- 5	1	1						
27	1	22857-400082	SCREW, 4X 8	2							
27-1	1	26557-040082	SCREW, M4X 8	2	2						N
(A=M/#20504)											
28	1	26013-060124	BOLT, M6X 12	2							
28-1	1	26013-060122	BOLT, M6X 12	2	2						R
(A=M/#20501)											
29	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
30	1	26106-100202	BOLT, M10X 20 PLATED	4							
30-1	1	26106-100202	BOLT, M10X 20 PLATED	3	3						K
(A=M/#20501)											
31	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
32	1	26347-100002	NUT, M10	1	1						
33	1	22137-100000	WASHER, 10	1	1						W
(A=M/#20501)											
34	1	26013-100202	BOLT, M10X 20	1	1						W
(A=M/#20501)											
35	1	172448-08330	CATCH KIT, ROLLER	1	1						1

Remarks
(1)REPAIR PART

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

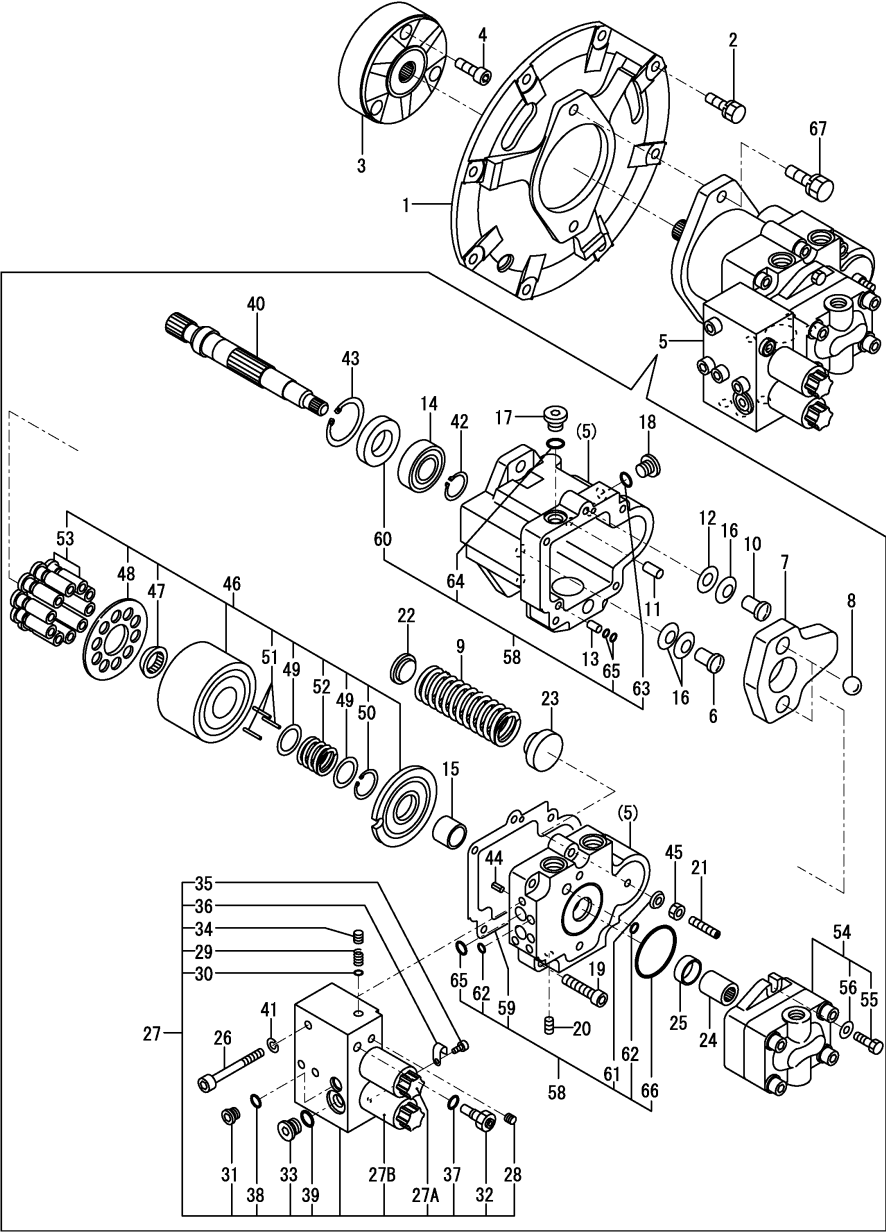


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-63160	CLIP	2	2						
2	1	172448-68100	CANOPY ASSY	1	1						
3	1	172449-68200	ROOF,CANOPY	1	1						
4	1	172449-68210	COVER, CANOPY	1	1						
5	1	172449-68220	STAY, COVER	1	1						
6	1	22137-120000	WASHER, 12	6							
6-1	1	172730-05250	WASHER 12	6	6						N
(A=M/#20688)											
7	1	22217-120000	WASHER, SPRING 12	6	6						
8	1	26013-120252	BOLT, M12X 25	6	6						
9	1	26076-120352	BOLT, 10.912X 35	6	6						

Fig.40. HYD.OIL PUMP & JOINT

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-71101	MOUNT, PUMP	1	1						
2	1	26013-100252	BOLT, M10X 25	8	8						
3	1	172448-71200	COUPLING	1	1						
4	1	26450-100352	BOLT, M10X 35	3	3						
5	1	172448-73100	PUMP ASSY	1	1						
6	2	172450-73110	PIN,STOPPER	1	1						
7	2	172422-73140	PLATE, SWASH	1	1						
8	2	172422-73160	PIN	2	2						
9	2	172448-73160	SPRING	1	1						
10	2	172448-73180	PIN A,STOPPER	1	1						
11	2	172422-73220	PIN	1	1						
12	2	172422-73240	WASHER	1	1						
13	2	172422-73280	PIN	1	1						
14	2	172422-73290	BEARING, BALL	1	1						
15	2	172422-73500	BEARING, NEEDLE	1	1						
16	2	172422-73520	SPRING	3	3						
17	2	172422-73530	PLUG	1	1						
18	2	172422-73530	PLUG	1	1						
19	2	172422-73540	BOLT	5	5						
20	2	172422-73550	PLUG	4	4						
21	2	172422-73560	SCREW	1	1						
22	2	172458-73560	HOLDER, SPRING	1	1						
23	2	172458-73570	GUIDE, SPRING	1	1						
24	2	172422-73580	COUPLING	1	1						
25	2	172422-73590	COLLAR	1	1						
26	2	172422-73610	BOLT	3	3						
27	2	172458-73620	BLOCK ASSY, VALVE	1	1						
27-1	2	172458-73621	BLOCK ASSY, VALVE	1	1						N
(A=*2014.10.) (B=*2014.10.)											
27A	3	172458-73680	VALVE ASSY	1	1						1
27B	3	172458-73690	VALVE ASSY	1	1						2
28	3	172422-73550	PLUG	7	7						
29	3	172422-73620	SPRING	1	1						
30	3	172422-73630	FILTER	1	1						
31	3	172458-73630	PLUG	1	1						
32	3	172422-73640	ADJUSTER KIT	1	1						
33	3	172458-73640	PLUG	1	1						
34	3	172422-73650	PLUG	2	2						
35	3	172422-73660	BOLT	1	1						
36	3	172422-73670	CLAMP	1	1						
37	3	24311-000100	O-RING, 1AP10.0	1	1						
38	3	24315-000080	O-RING, 1BP8.0	1	1						
39	3	24315-000140	O-RING, 1BP14.0	1	1						
40	2	172458-73660	SHAFT	1	1						
41	2	22212-080000	WASHER 8	3	3						
42	2	22242-000250	RING, 25	1	1						
43	2	22252-000520	RING, 52	1	1						
44	2	22351-060016	PIN, SPRING 6.0X16	1	1						
45	2	26711-080002	NUT, M8	1	1						
46	2	172448-73110	CYLINDER BARREL KIT	1	1						
47	3	172422-73130	HOLDER, BARREL	1	1						

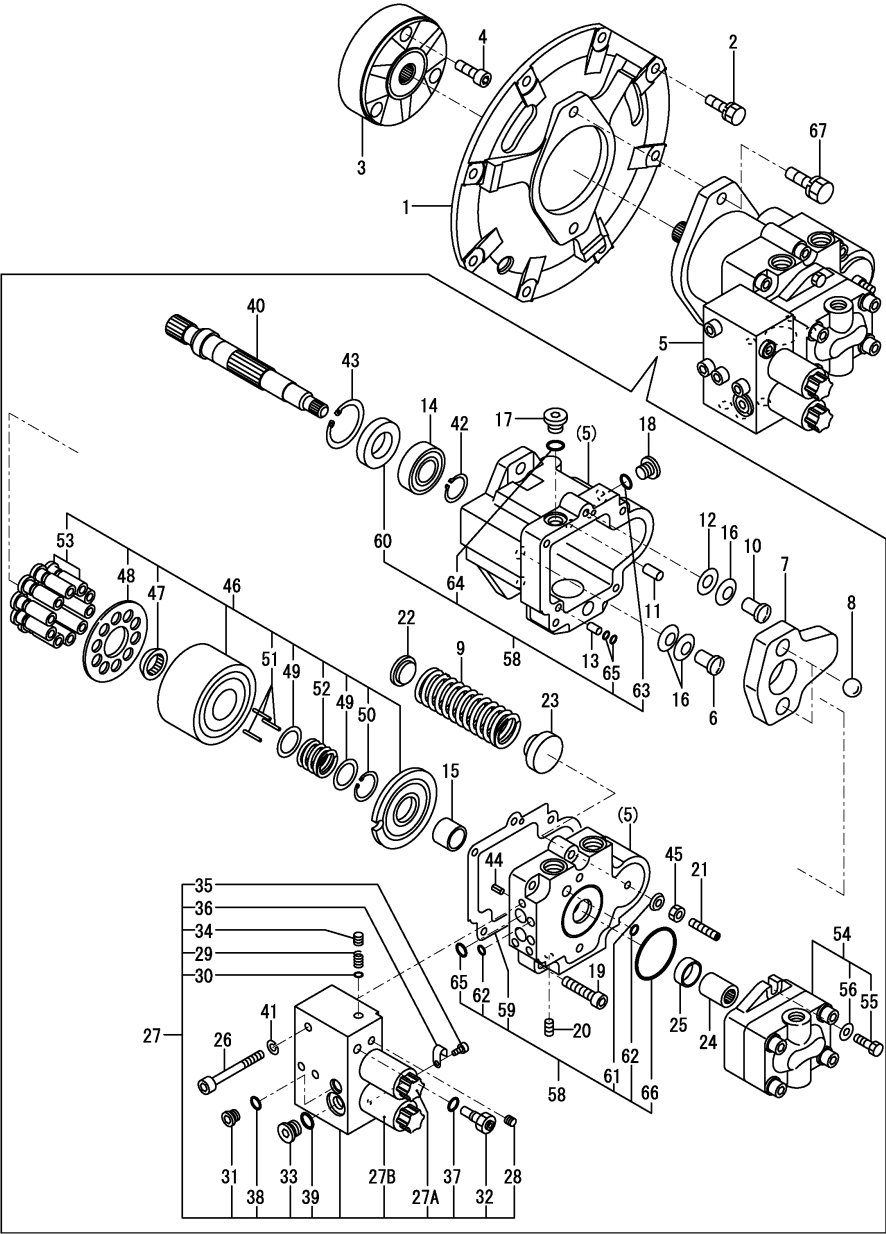
Remarks
(1)For second gear traveling.
(2)For safety lock.

Fig.40. HYD.OIL PUMP & JOINT

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

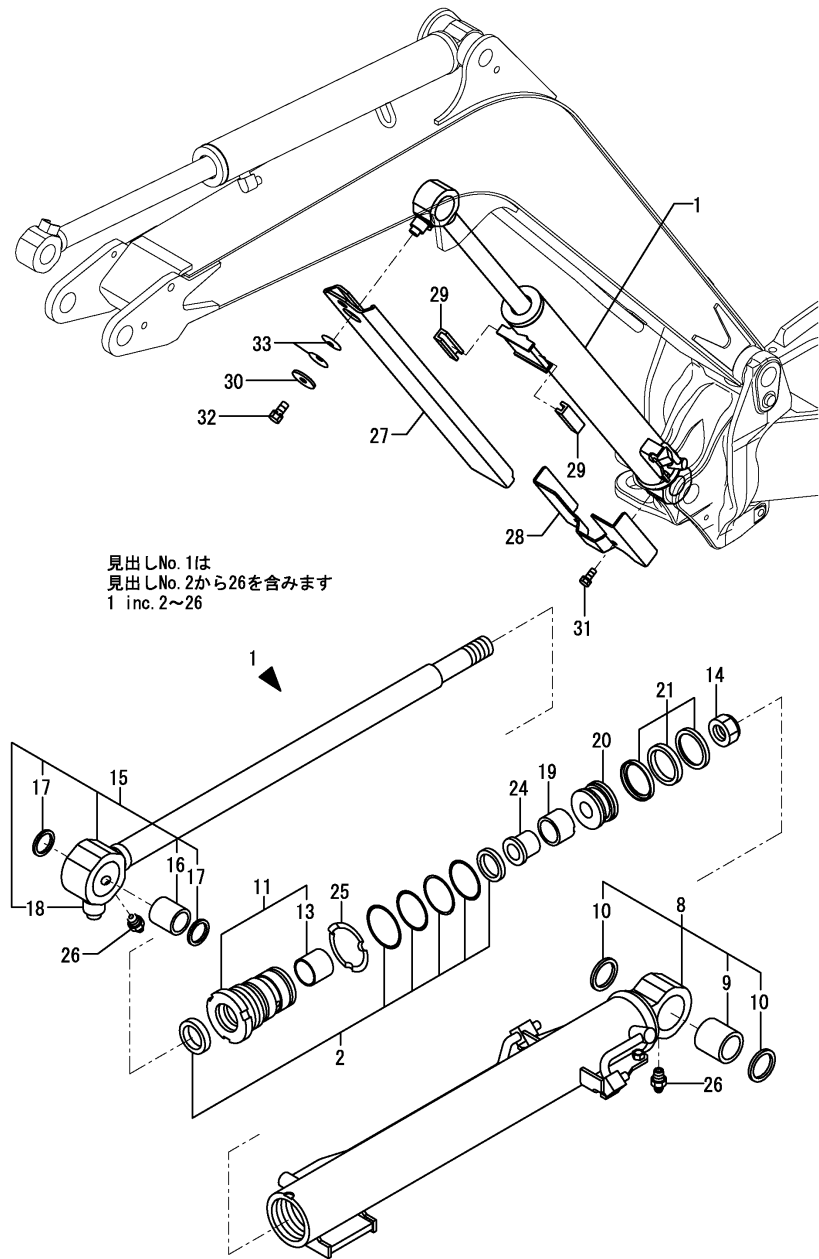
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	3	172448-73150	HOLDER,SHOE	1	1						
49	3	172448-73170	RETAINER	2	2						
50	3	172448-73190	SNAP RING	1	1						
51	3	172458-73530	NEEDLE	3	3						
52	3	172458-73540	SPRING	1	1						
53	3	172448-73120	PISTON,PUMP ASSY	1	1						
54	2	172448-73140	PUMP ASSY,GEAR	1	1						
55	3	172450-73120	BOLT	2	2						
56	3	172450-73130	WASHER	2	2						
58	2	172448-73130	SEAL SET, PUMP	1	1						
59	3	172422-73170	GASKET	1	1						
60	3	172422-73510	SEAL, OIL	1	1						
61	3	172422-73570	WASHER	1	1						
62	3	24315-000080	O-RING, 1BP8.0	2	2						
63	3	24315-000110	O-RING, 1BP11.0	1	1						
64	3	24315-000110	O-RING, 1BP11.0	1	1						
65	3	24315-000120	O-RING, 1BP12.0	3	3						
66	3	24325-000550	O-RING, 1BG55.0	1	1						
67	1	26013-120352	BOLT, M12X 35	2	2						



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

Fig.41. BOOM CYLINDER

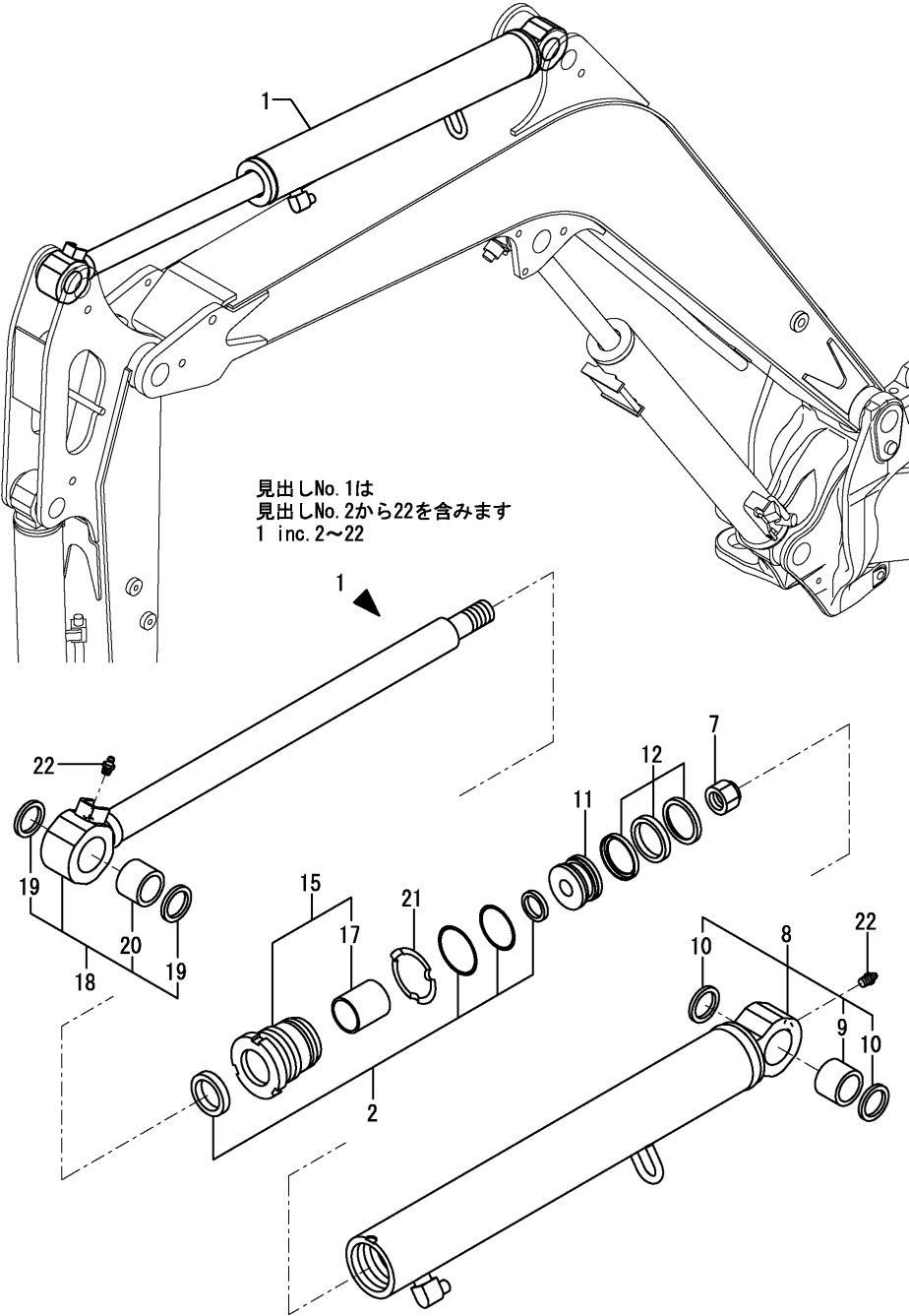


見出しNo. 1は
見出しNo. 2から26を含みます
1 inc. 2～26

Remarks
(1)WELDED PART.

OCK10-M37902 Fig.41											
				(A)=VIO15-2(JP)					(D)=		
				(B)=VIO15-2(EX)					(E)=		
				(C)=					(F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72100	CYLINDER ASSY, BOOM	1	1						
2	2	172449-72010	SEAL SET, HEAD 55 30	1	1						
8	2	172448-72110	TUBE, BOOM	1	1						
9	3	172141-72561	BUSH (35-45-30	1	1						
10	3	172448-81610	SEAL, DUST 35X45X4	2	2						
11	2	172449-72110	HEAD 55-30 ASSY	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172171-72130	NUT, M24	1	1						
15	2	172448-72140	ROD ASSY,BOOM	1	1						
16	3	172141-72561	BUSH (35-45-30	1	1						
17	3	172448-81610	SEAL, DUST 35X45X4	2	2						
18	3	172146-72211	SEAT, SCREW M10	1	1						W 1
(A=M/#20501)											
19	2	172448-72270	PLUNGER, CUSHION 41	1	1						
20	2	172449-72310	PISTON 55(24-28	1							
20-1	2	172449-72311	PISTON 55(24-28	1	1						N
(A=M/#20941)											
21	2	172449-72320	GASKET	1							
21-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
24	2	172449-72350	COLLAR, 41	1	1						
25	2	172173-72550	ROCK WASHER 55	1	1						
26	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
27	1	172448-72190	COVER, SLIDE	1	1						
28	1	172448-72240	COVER, HOSE	1	1						
29	1	172186-72480	GUIDE, SLIDE	2	2						
30	1	22157-100000	WASHER, 10	1	1						
31	1	26013-080162	BOLT, M8X 16	2	2						
32	1	26013-100202	BOLT, M10X 20	1	1						
33	1	933168-14170	SPRING	2	2						

Fig.42. ARM CYLINDER

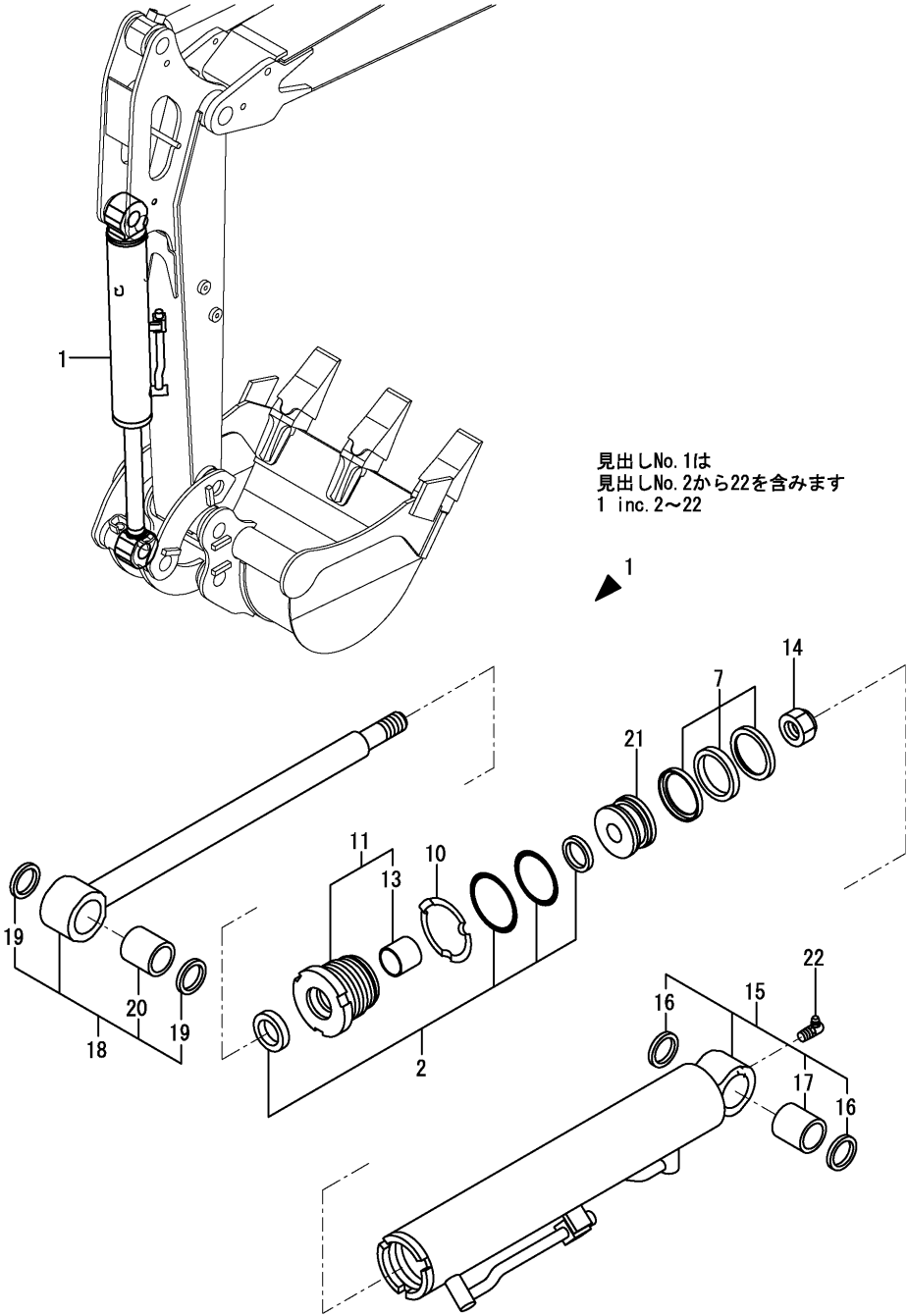


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72300	CYLINDER, ARM	1	1						
2	2	172449-72020	SEAL SET, HEAD 55 35	1	1						
7	2	172171-72130	NUT, M24	1	1						
8	2	172448-72310	TUBE, ARM	1	1						
9	3	172149-72440	BUSH A 30X30,PIN	1	1						
10	3	172448-81600	SEAL, DUST 30X40X4	2	2						
11	2	172449-72310	PISTON 55(24-28	1							
11-1	2	172449-72311	PISTON 55(24-28	1	1						N
(A=M/#20941)											
12	2	172449-72320	GASKET	1							
12-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
15	2	172449-72410	HEAD CMP B,55-35	1	1						
17	3	933111-01600	BUSH 35 30, ROD	1							
17-1	3	24550-035300	BUSH, 35X30	1	1						R
(A=M/#20688)											
18	2	172449-72500	LOD CMP,ARM	1	1						
19	3	172183-72290	SEAL, DUST 30X40X4.2	2							
19-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
20	3	172149-72440	BUSH A 30X30,PIN	1	1						
21	2	172173-72550	ROCK WASHER 55	1	1						
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						

Fig.43. BUCKET CYLINDER



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

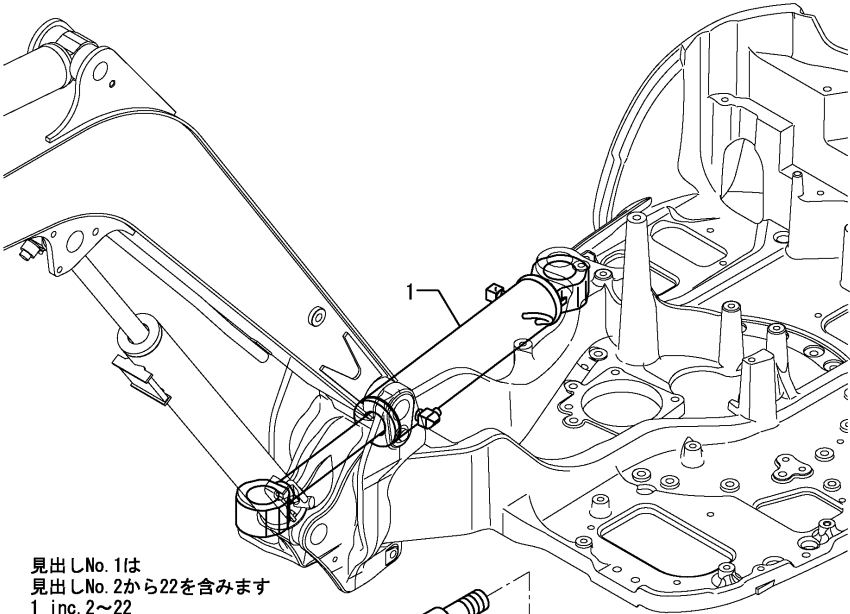
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-72550	CYLINDER ASSY	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72580	TUBE ASSY, BUCKET	1	1						
16	3	172183-72290	SEAL, DUST 30X40X4.2	2							
16-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
17	3	172149-72440	BUSH A 30X30,PIN	1	1						
18	2	172449-72650	LOD CMP,BUCKET	1	1						
19	3	172183-72290	SEAL, DUST 30X40X4.2	2							
19-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
20	3	172149-72440	BUSH A 30X30,PIN	1	1						
21	2	172449-72680	PISTON 55(20-28	1							
21-1	2	172449-72681	PISTON 55(20-28	1	1						N
(A=M/#20941)											
22	2	24761-050000	NIPPLE, GREASE C	1	1						

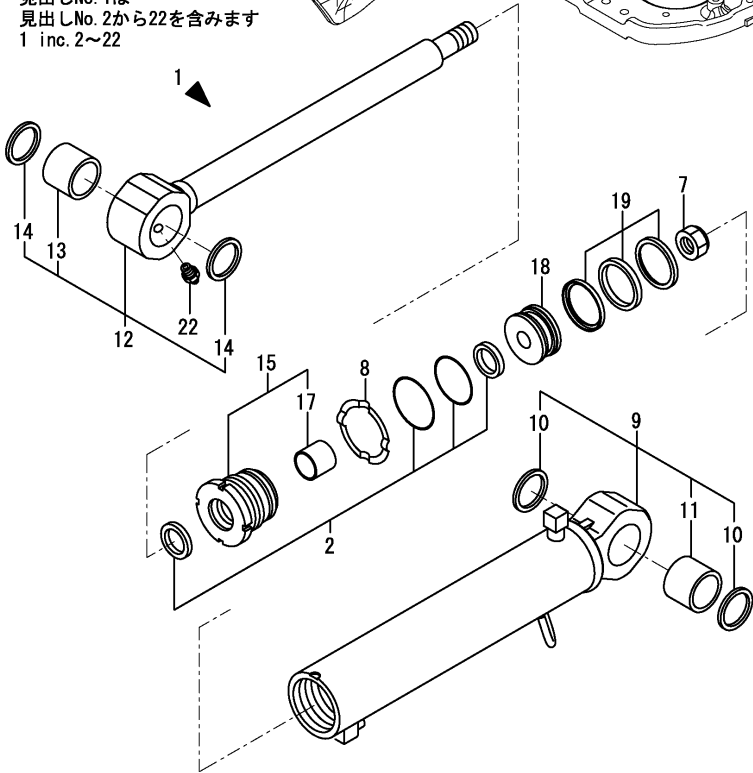
Fig.44. SWING CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



見出しNo. 1は
見出しNo. 2から22を含みます
1 inc. 2~22

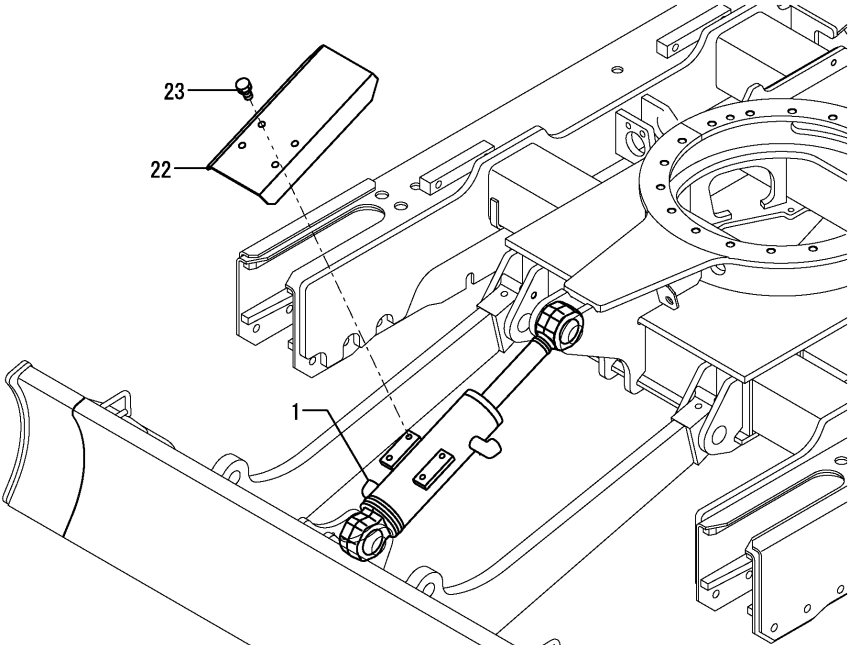


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72600	CYLINDER ASSY, SWING	1	1						
2	2	172449-72040	SEAL SET, HEAD 65 35	1	1						
7	2	172171-72130	NUT, M24	1	1						
8	2	172142-72560	WASHER 65, LOCK	1	1						
9	2	172448-72610	TUBE, SWING	1	1						
10	3	172448-72650	SEAL, DUST	2	2						
11	3	172458-72740	BUSH 40X40,SO	1	1						
12	2	172448-72640	ROD,SWING	1	1						
13	3	172168-72410	BUSH 40X50X40	1	1						
14	3	172448-72650	SEAL, DUST	2	2						
15	2	172449-72810	HEAD CMP 65-35	1	1						
17	3	933111-01600	BUSH 35 30, ROD	1							
17-1	3	24550-035300	BUSH, 35X30	1	1						R
(A=M/#20688)											
18	2	172449-72950	PISTON 65(24-31	1							
18-1	2	172449-72951	PISTON 65(24-31	1	1						N
(A=M/#20941)											
19	2	172449-72960	GASKET RGU 65	1	1						
22	2	24761-050000	NIPPLE, GREASE C	1	1						

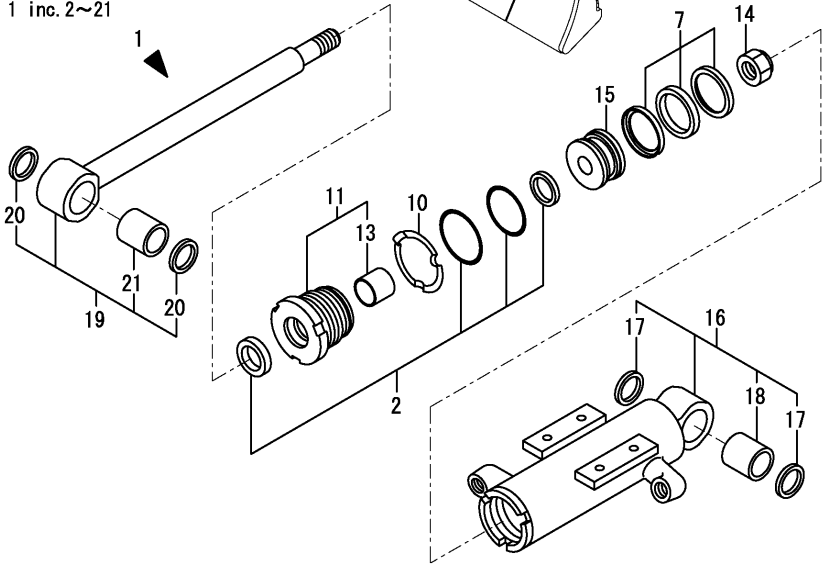
Fig.45. BLADE CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



見出しNo. 1は
見出しNo. 2から21を含みます
1 inc. 2~21

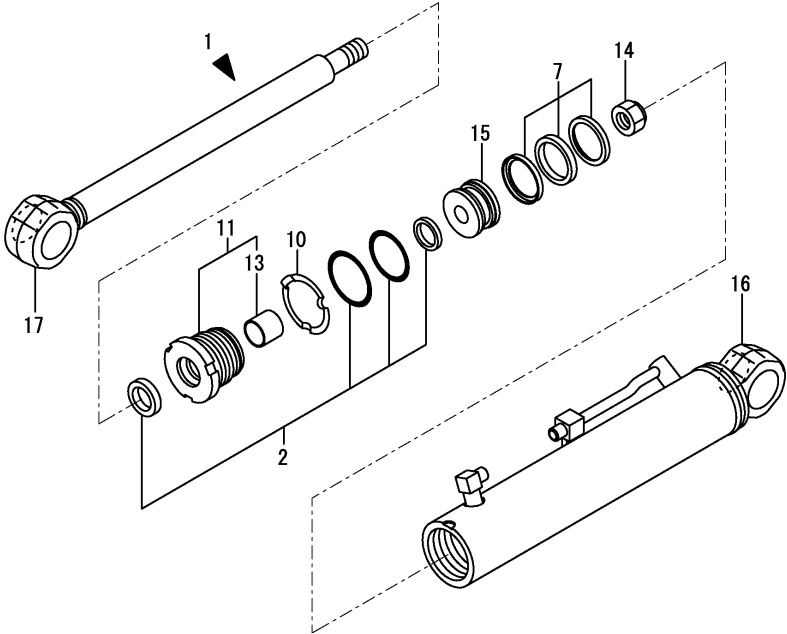
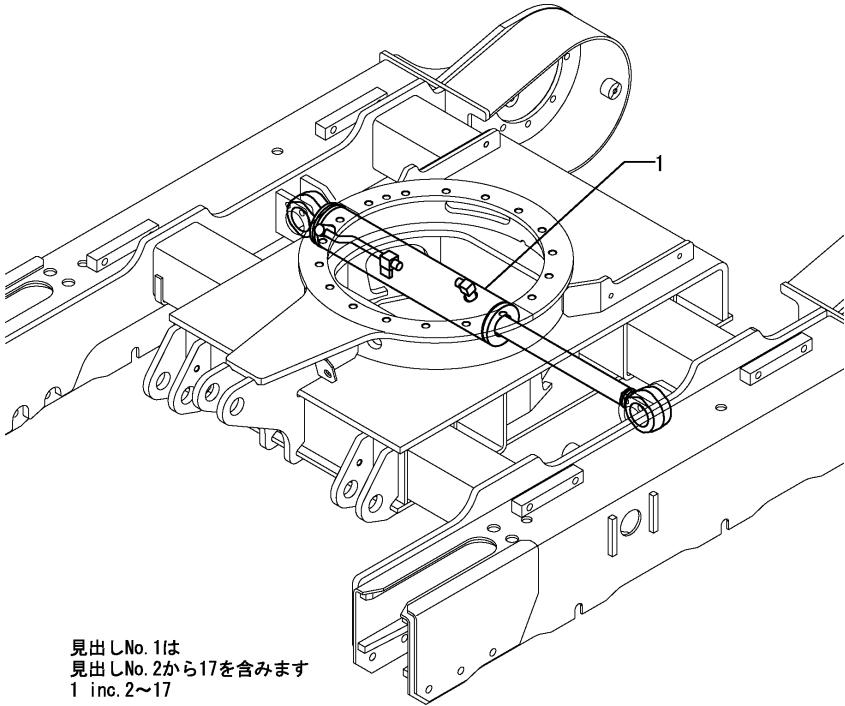


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-72700-2	CYLINDER ASSY, BLADE	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72680	PISTON 55(20-28	1							
15-1	2	172449-72681	PISTON 55(20-28	1	1						N
(A=M/#20941)											
16	2	172449-72730-2	TUBE ASSY, BLADE	1	1						
17	3	172183-72290	SEAL, DUST 30X40X4.2	2							
17-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
18	3	172149-72440	BUSH A 30X30,PIN	1	1						
19	2	172449-72770	LOD CMP(BLADE	1	1						
20	3	172183-72290	SEAL, DUST 30X40X4.2	2							
20-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
21	3	172149-72440	BUSH A 30X30,PIN	1	1						
22	1	172447-72790-2	PROTECTOR (GREEN:88)	1	1						
23	1	26013-080162	BOLT, M8X 16	4	4						

Fig.46. VARIABLE LEG WIDEN / SHORTEN CYLINDER

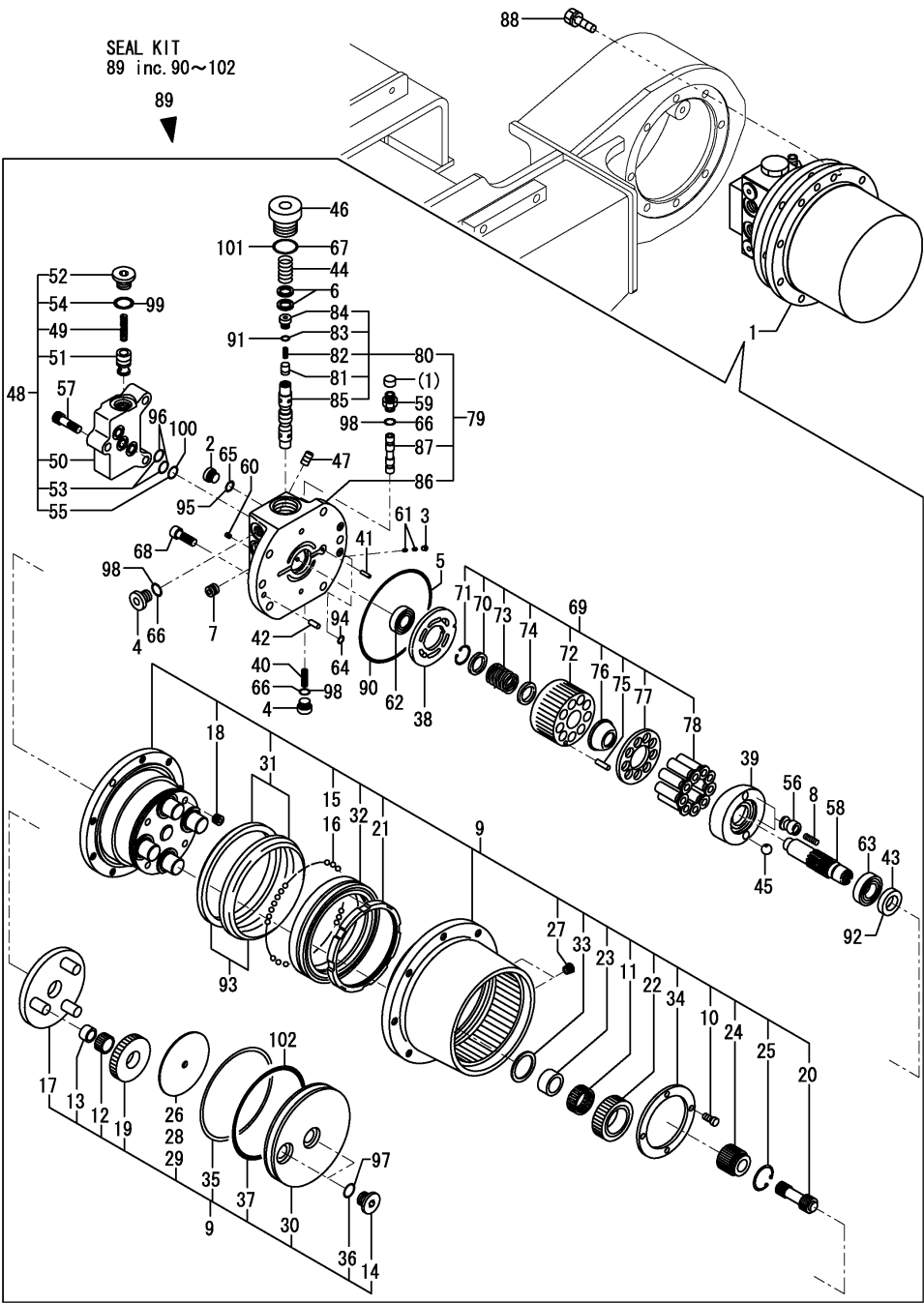
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72900	CYLINDER ASSY	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72680	PISTON 55(20-28	1							
15-1	2	172449-72681	PISTON 55(20-28	1	1						N
(A=M/#20941)											
16	2	172448-72910	TUBE, VARIABLE	1	1						
17	2	172448-72940	ROD,S/W	1	1						

Fig.47. TRAVEL MOTOR

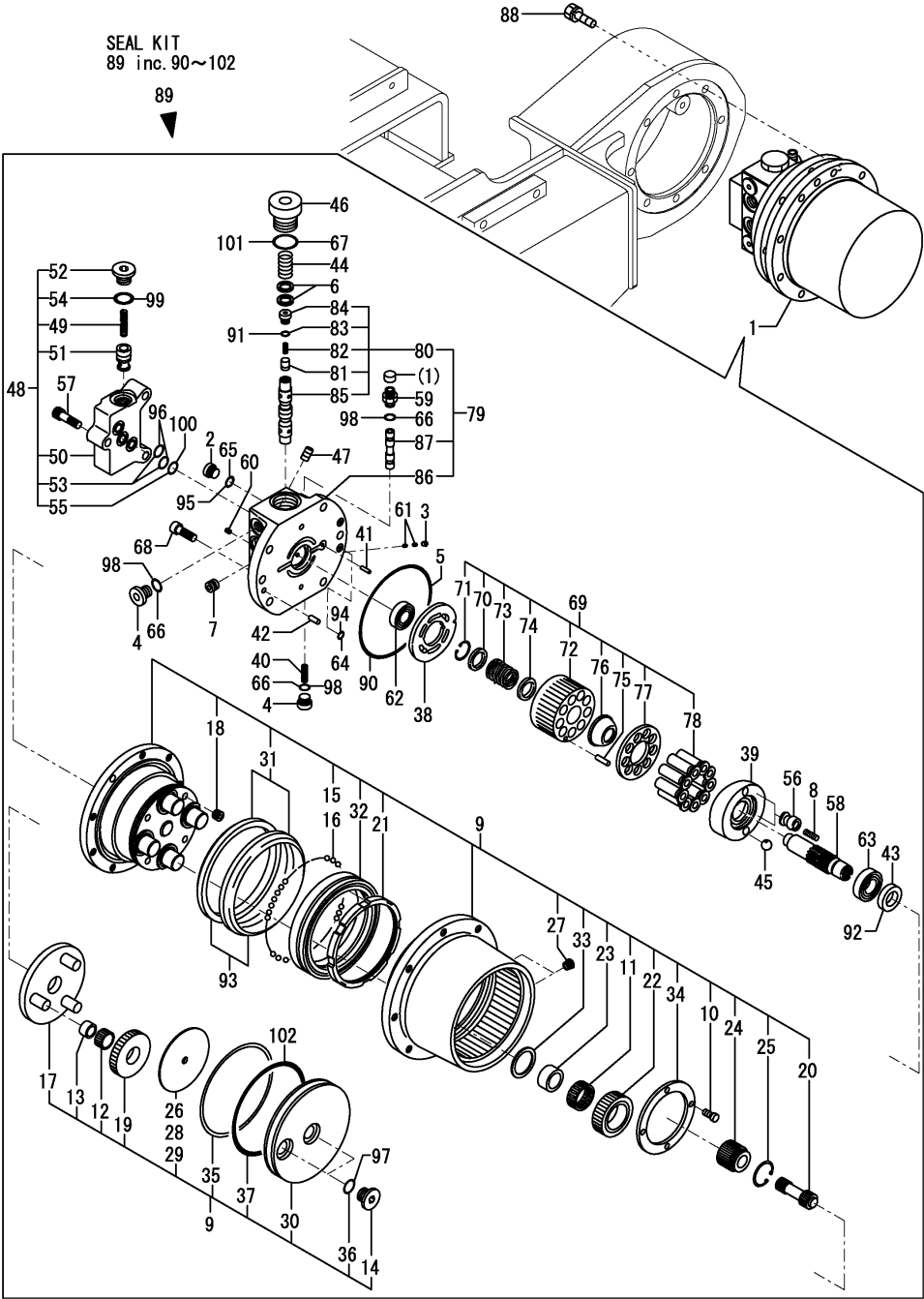


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

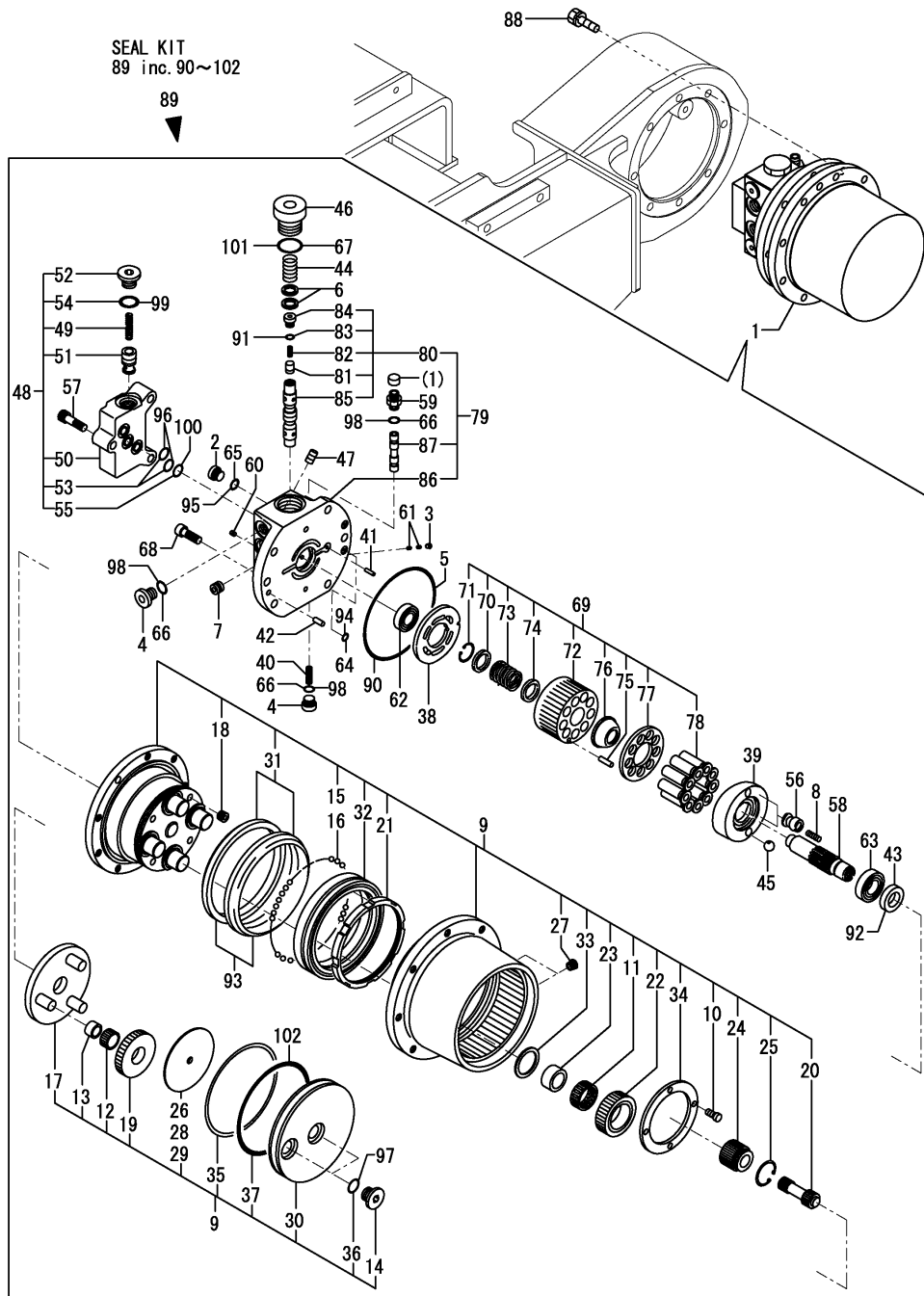
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73300	MOTOR ASSY,TRAVEL	2	2						
1-1	1	172448-73301	MOTOR ASSY, TRAVEL	2	2					N	
(A=XXX) (B=XXX)											
2	2	1A6240-37360	PLUG	4	4						
3	2	172147-70220	PLUG	4	4						
4	2	172148-70301	PLUG	6	6						
5	2	172141-70370	O-RING	2	2						
6	2	172141-70450	SEAT, SPRING	4	4						
7	2	172162-70780	PLUG	2	2						
8	2	172168-71950	SPRING	4	4						
9	2	172448-73320	GEAR, REDUCTION	2	2						
10	3	172141-70110	SCREW	8	8						
11	3	172147-70120	GAUGE ASSY	8	8						
12	3	172141-70150	GAUGE, W/ROLLER	6	6						
13	3	172141-70160	RACE, INNER	6	6						
14	3	172148-70301	PLUG	4	4						
15	3	172122-70350	BALL, STEEL	198	198						
16	3	172122-70350	BALL, STEEL	20	20						
17	3	172448-73330	HOLDER	2	2						
18	3	172450-73330	PLUG	4	4						
19	3	172448-73340	GEAR, PLANETARY	6	6						
20	3	172448-73350	GEAR, DRIVE	2	2						
21	3	172456-73350	NUT, RING	2	2						
22	3	172456-73360	GEAR, PLANETARY	8	8						
23	3	172456-73370	INNER RACE	8	8						
24	3	172456-73380	GEAR, SUN	2	2						
25	3	172456-73390	SNAP RING	2	2						
26	3	172456-73420	THRUST PLATE	2	2						
27	3	172122-73430	PLUG	4	4						
28	3	172456-73430	THRUST PLATE	2	2						
29	3	172456-73440	THRUST PLATE	2	2						
30	3	172456-73450	COVER	2	2						
31	3	172183-73510	SEAL, FLOATING	2	2						
32	3	172183-73520	BEARING	2	2						
33	3	172183-73560	WASHER, THRUST	8	8						
34	3	172183-73570	PLATE, THRUST	2	2						
35	3	172183-73660	WIRE	2	2						
36	3	24315-000110	O-RING, 1BP11.0	4	4						
37	3	24315-001300	O-RING, 1BP130.0	2	2						
38	2	172638-73330	PLATE, VALVE	2	2						
39	2	172448-73360	PLATE	2	2						
40	2	172421-73400	SPRING	2	2						
41	2	172122-73470	PIN	2	2						
42	2	172122-73480	PIN	4	4						
43	2	172450-73490	SEAL, OIL	2	2						
44	2	172456-73500	SPRING	4	4						
44-1	2	172448-73500	SPRING	4	4					N	
(A=XXX) (B=XXX)											
45	2	172450-73510	BALL, STEEL	4	4						
46	2	172456-73510	CAP	4	4						
47	2	172456-73520	ORIFICE	4	4						

Fig.47. TRAVEL MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	172456-73540	VALVE ASSY	2	2						
49	3	172148-71580	SPRING	4	4						
50	3	172456-73550	BODY, VALVE	2	2						
51	3	172456-73560	CHECK VALVE	4	4						
52	3	172183-73770	PLUG	4	4						
53	3	24315-000100	O-RING, 1BP10.0	4	4						
54	3	24315-000110	O-RING, 1BP11.0	4	4						
55	3	24315-000120	O-RING, 1BP12.0	2	2						
56	2	172450-73550	PISTON ASSY	4	4						
57	2	172456-73570	BOLT, SOCKET HEAD	6	6						
58	2	172183-73670	SHAFT	2	2						
59	2	172183-73780	PLUG	2	2						
60	2	172183-73870	PLUG	4	4						
61	2	172312-74790	ORIFICE	8	8						
62	2	24101-060024	BEARING, BALL 6002	2	2						
63	2	24101-060044	BEARING, BALL 6004	2	2						
64	2	24315-000070	O-RING, 1BP7.0	6	6						
65	2	24315-000080	O-RING, 1BP8.0	4	4						
66	2	24315-000110	O-RING, 1BP11.0	8	8						
67	2	24315-000240	O-RING, 1BP24.0	4	4						
68	2	26450-080202	BOLT, M8X 20	12	12						
69	2	172448-73420	CYLINDER BLOCK KIT	2	2						
70	3	172141-70290	HOLDER, SPRING	2	2						
71	3	172141-70310	RING, SNAP	2	2						
72	3	172168-71880	BLOCK, CYLINDER	2	2						
73	3	172168-71890	SPRING	2	2						
74	3	172168-71900	SEAT, SPRING	2	2						
75	3	172168-71910	PIN	6	6						
76	3	172168-71920	HOLDER, RETAINER	2	2						
77	3	172450-73530	PLATE, RETAINER	2	2						
78	3	172450-73540	PISTON ASSY	18	18						
79	2	172448-73390	BASE PLATE KIT	2	2						
79-1	2	172448-73391	BASE PLATE KIT	1	1						N
(A=XXX) (B=XXX)											
80	3	172448-73370	SPOOL ASSY	2	2						
80-1	3	172448-73371	SPOOL ASSY	2	2						N
(A=XXX) (B=XXX)											
81	4	172141-70410	VALVE, CHECK	4	4						
82	4	172141-70420	SPRING	4	4						
83	4	172141-70440	O-RING	4	4						
84	4	172421-73380	PLUG	4	4						
85	4	172448-73380	SPOOL	2	2						
85-1	4	172448-73381	SPOOL	2	2						N
(A=XXX) (B=XXX)											
86	3	172456-73470	PLATE, BASE	2	2						
87	3	172456-73530	SPOOL	2	2						
88	1	26013-100252	BOLT, M10X 25	16	16						
89	1	172456-73320	SEAL SET	2	2						
90	2	172141-70370	O-RING	2	2						
91	2	172141-70440	O-RING	4	4						
92	2	172450-73490	SEAL, OIL	2	2						

Fig.47. TRAVEL MOTOR

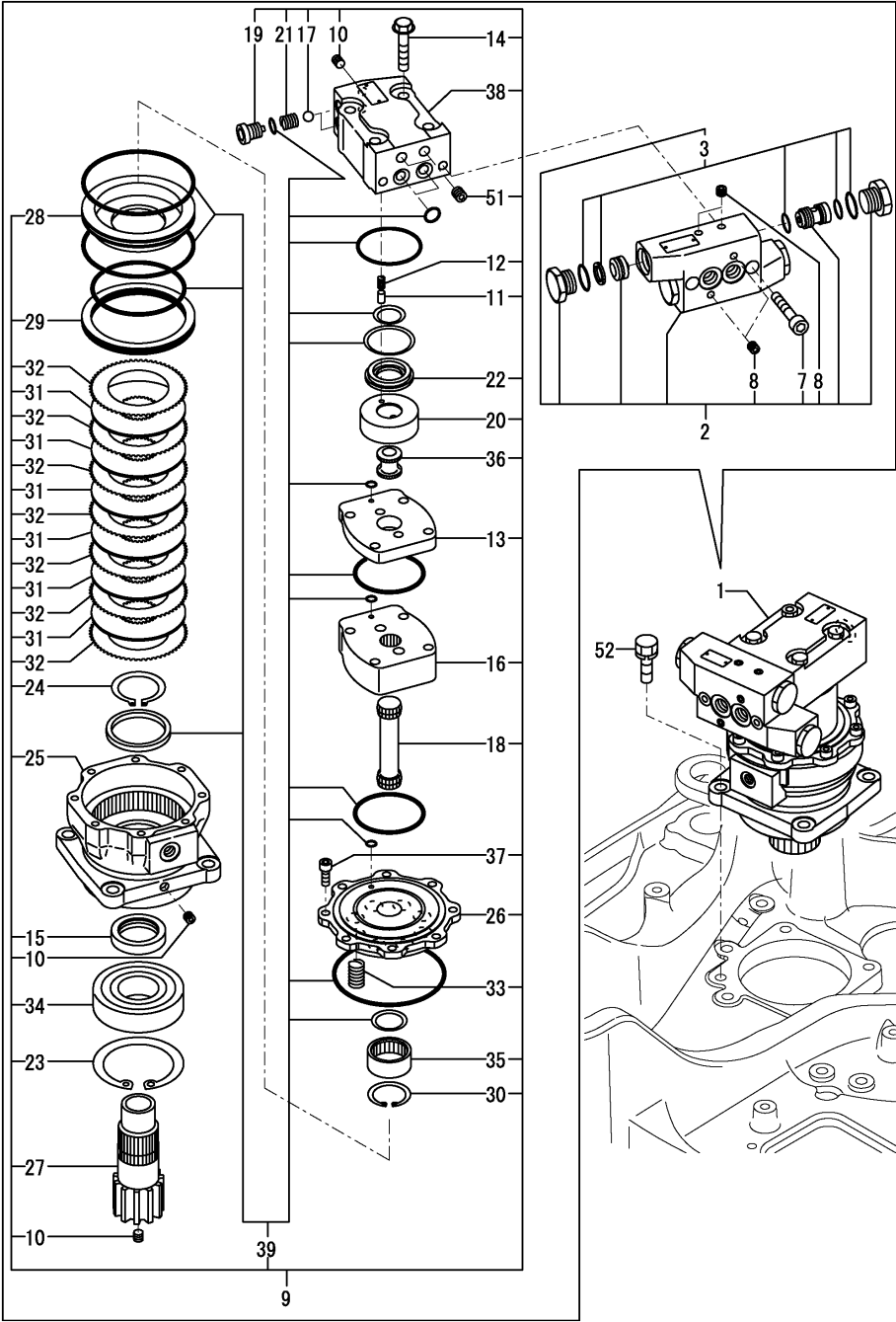


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

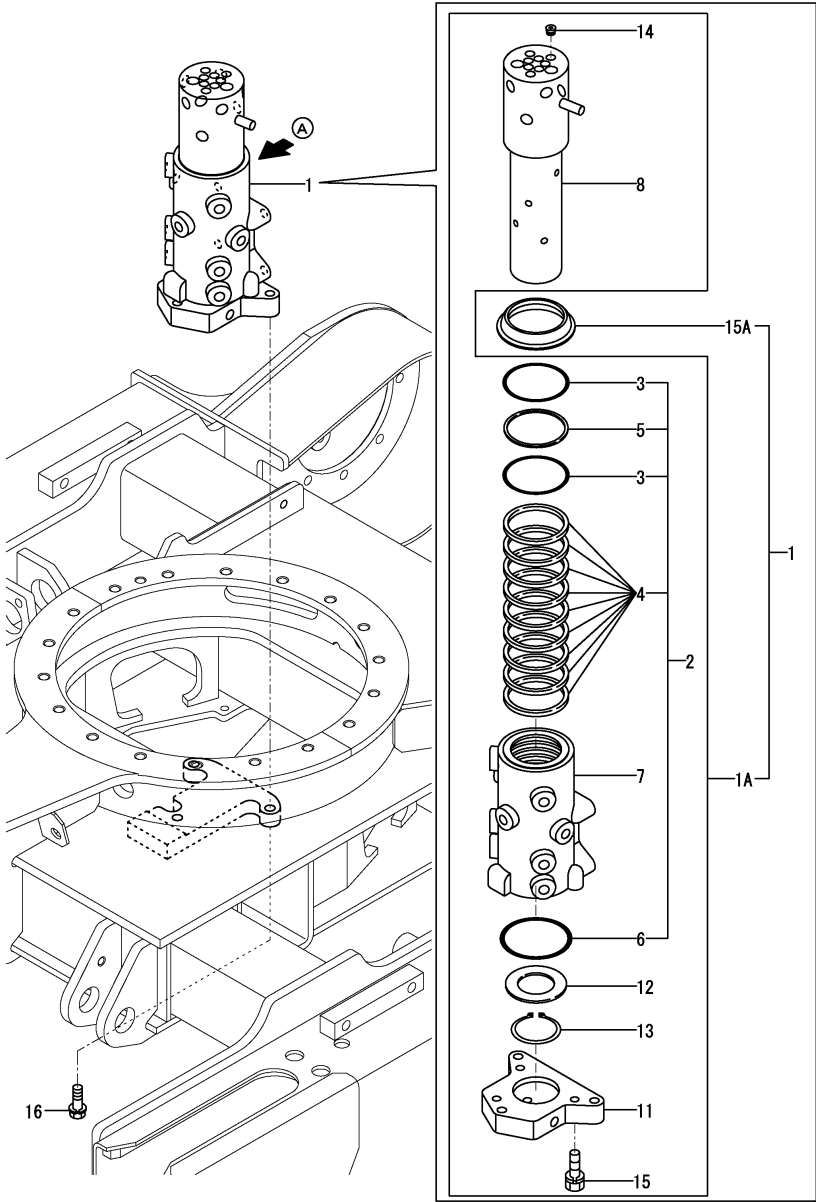
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
93	2	172183-73510	SEAL, FLOATING	2	2						
94	2	24315-000070	O-RING, 1BP7.0	6	6						
95	2	24315-000080	O-RING, 1BP8.0	4	4						
96	2	24315-000100	O-RING, 1BP10.0	4	4						
97	2	24315-000110	O-RING, 1BP11.0	4	4						
98	2	24315-000110	O-RING, 1BP11.0	8	8						
99	2	24315-000110	O-RING, 1BP11.0	4	4						
100	2	24315-000120	O-RING, 1BP12.0	2	2						
101	2	24315-000240	O-RING, 1BP24.0	4	4						
102	2	24315-001300	O-RING, 1BP130.0	2	2						

Fig.48. TURNING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73310	MOTOR ASSY,SWING	1	1						
2	2	172448-73410	VALVE ASSY,SHOCKLESS	1	1						
3	3	172456-77110	SEAL SET, VALVE	1	1						
7	3	172456-77130	BOLT 6*65	2	2						
8	3	23871-010000	PLUG, R01	6	6						
9	2	172456-77140	MOTOR,SWING	1	1						
10	3	172137-70490	PLUG	4	4						
11	3	172137-70570	PIN	2	2						
12	3	172137-70580	SPRING	2	2						
13	3	172148-73350	PLATE, VALVE	1	1						
14	3	172173-73510	BOLT 12X40	4	4						
15	3	172173-73520	COLLAR	1	1						
16	3	172173-73570	GEROLLER	1	1						
17	3	172168-73580	BALL	2	2						
18	3	172173-73580	DRIVE	1	1						
19	3	172168-73590	PLUG	2	2						
20	3	172173-73590	HOLDER	1	1						
21	3	172168-73600	SPRING	2	2						
22	3	172173-73600	RING	1	1						
23	3	172173-73690	SNAP RING	1	1						
24	3	172173-73700	CIRCLIP	1	1						
25	3	172456-77150	HOUSING, BEARING	1	1						
26	3	172456-77160	FLANGE, MOUTING	1	1						
27	3	172456-77170	GEAR, PINION	1	1						
28	3	172456-77180	PISTON, HYDRAULIC	1	1						
29	3	172456-77190	RING	1	1						
30	3	172456-77200	CIRCLIP	1	1						
31	3	172456-77210	PLATE,FRICITION	6	6						
32	3	172456-77220	PLATE	7	7						
33	3	172456-77230	SPRING	8	8						
34	3	172456-77240	FRONT BEARING	1	1						
35	3	172456-77250	NEEDLE BEARING	1	1						
36	3	172141-77260	DRIVE, VALVE	1	1						
37	3	172456-77270	BOLT 6*65	8	8						
38	3	172456-77280	HOUSING, VALVE	1	1						
39	3	172456-77290	SEAL SET	1	1						
51	3	172141-77400	PLUG, BLIND	2	2						
52	1	26013-120402	BOLT, M12X 40	4	4						

Fig.49. SWIVEL JOINT(Y SPEC.)



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

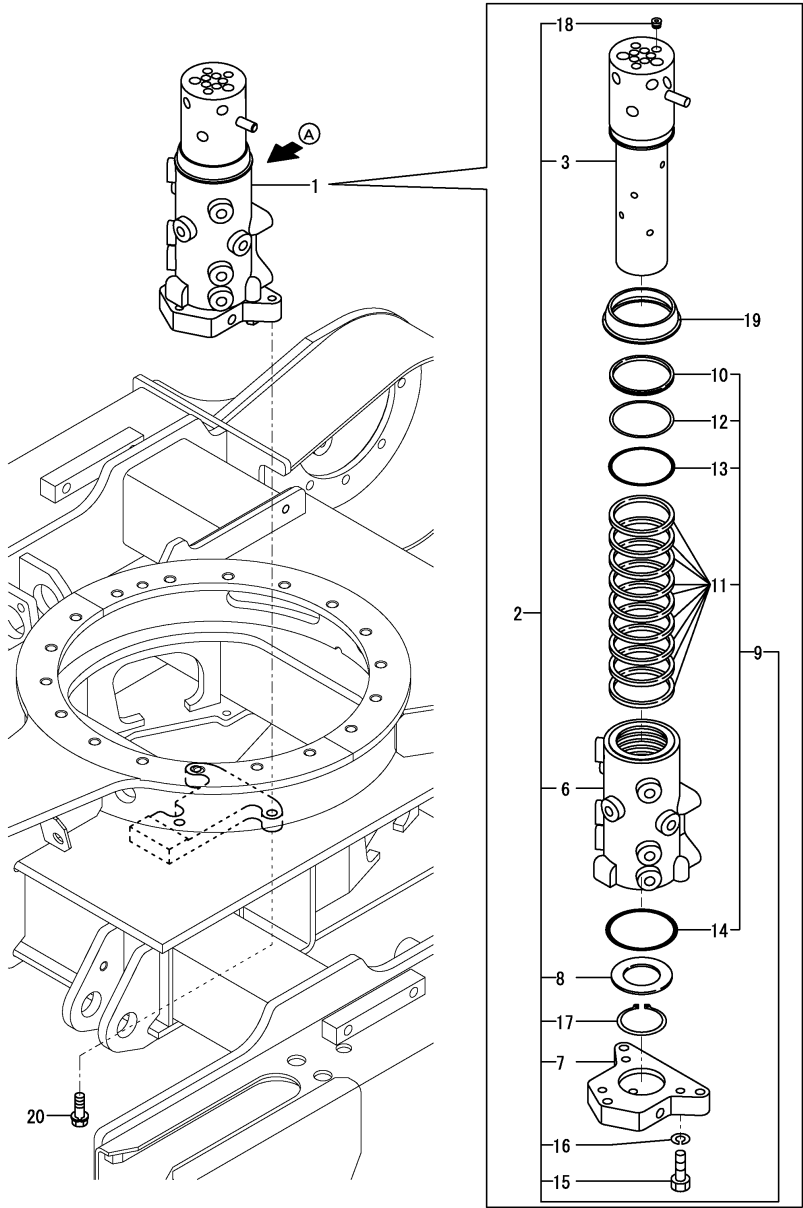
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73850	SWIVEL ASSY	1	1						
1-1	1	172448-73840	SWIVEL ASSY	1	1					N	
(A=*2005.10.) (B=*2005.10.)											
1-2	1	172448-73840	SWIVEL ASSY	1	1					Z	1
(A=*2013.02.) (B=*2013.02.)											
1A	2	172448-73851	SWIVEL ASSY	1	1					W	
(A=*2005.10.) (B=*2005.10.)											
2	3	172446-73900	SEAL SET, SWIVEL	1	1						
3	4	172142-73800	O-RING, 55.76X5.7	2	2						
4	4	172458-73820	SEAL, SWIVEL	9	9						
5	4	172148-73870	RING, BUCK UP	1	1						
6	4	24321-000700	O-RING, 1AG70.0	1	1						
7	3	172448-73860	HUB,SWIVEL	1	1						
8	3	172446-73870	SHAFT, SWIVEL	1	1						
8-1	3	172446-73871	SHAFT, SWIVEL	1	1					N	
(A=*2014.11.) (B=*2014.11.)											
11	3	172446-73890	FLANGE,SWIVEL	1	1						
12	3	172157-73910	SPACER, SWIVEL	1	1						
13	3	22242-000401	RING, 40	1	1						
14	3	23871-010000	PLUG, R01	8	8						
15	3	26013-080352	BOLT, SPRING M8X 35	3	3						
15A	2	172448-73900	COVER, DUCT	1	1					W	
(A=*2005.10.) (B=*2005.10.)											
16	1	26013-100402	BOLT, SPRING M10X 40	3	3						

Remarks
(1)A : no label.
Compatible by assembly exchange with parts of Fig.89(49A) No.1.
The inner parts are not compatible.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(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	1					W	1
(A=*2013.02.) (B=*2013.02.)											
2	2	172A64-73800	JOINT ASSY,SWIVEL S	1	1						
3	3	172A64-73810	SHAFT ASSY,SWIVEL SL	1	1						
6	3	172A64-73840	HUB,SWIVEL S	1	1						
7	3	172A64-73850	FLANGE,SWIVEL SL	1	1						
8	3	172B02-73860	SPACER, SWIVEL	1	1						
9	3	172A64-73880	SEAL KIT,SL	1	1						
9-1	3	172A64-73860	SEAL KIT, SWIVEL	1	1					N	
(A=*2014.04.) (B=*2014.04.)											
10	4	172A64-73870	RING,V	1	1						
11	4	172B02-73870	SEAL, SWIVEL	9	9						
11-1	4	172B02-73890	SEAL, SWIVEL	9	9					N	
(A=*2014.04.) (B=*2014.04.)											
12	4	172B02-73880	RING, BACKUP T3 55	1	1						
13	4	24315-000560	O-RING, 1BP56.0	1	1						
14	4	24325-000700	O-RING, 1BG70.0	1	1						
15	3	172A64-73890	BOLT,10.9 8X 40	3	3						
16	3	22217-080000	WASHER, SPRING 8	3	3						
17	3	22242-000451	RING, 45	1	1						
18	3	23871-010000	PLUG, R01	8	8						
19	2	172448-73900	COVER, DUCT	1	1						
20	1	26013-100402	BOLT, SPRING M10X 40	3	3						

Remarks
(1)A:NACHI LABEL
Compatible by assembly exchange from parts of Fig.49 No.1-2.
The inner parts are not compatible.

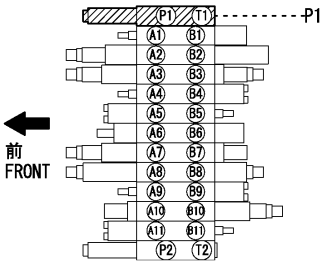
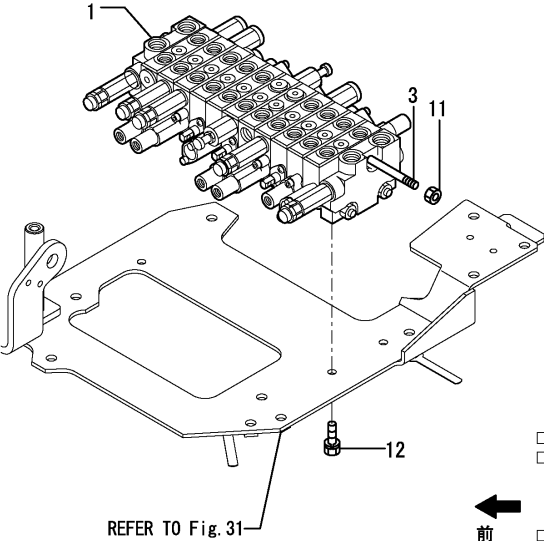
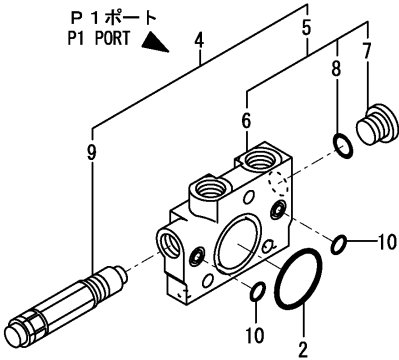
Fig.50. CONTROL VALVE(1/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.

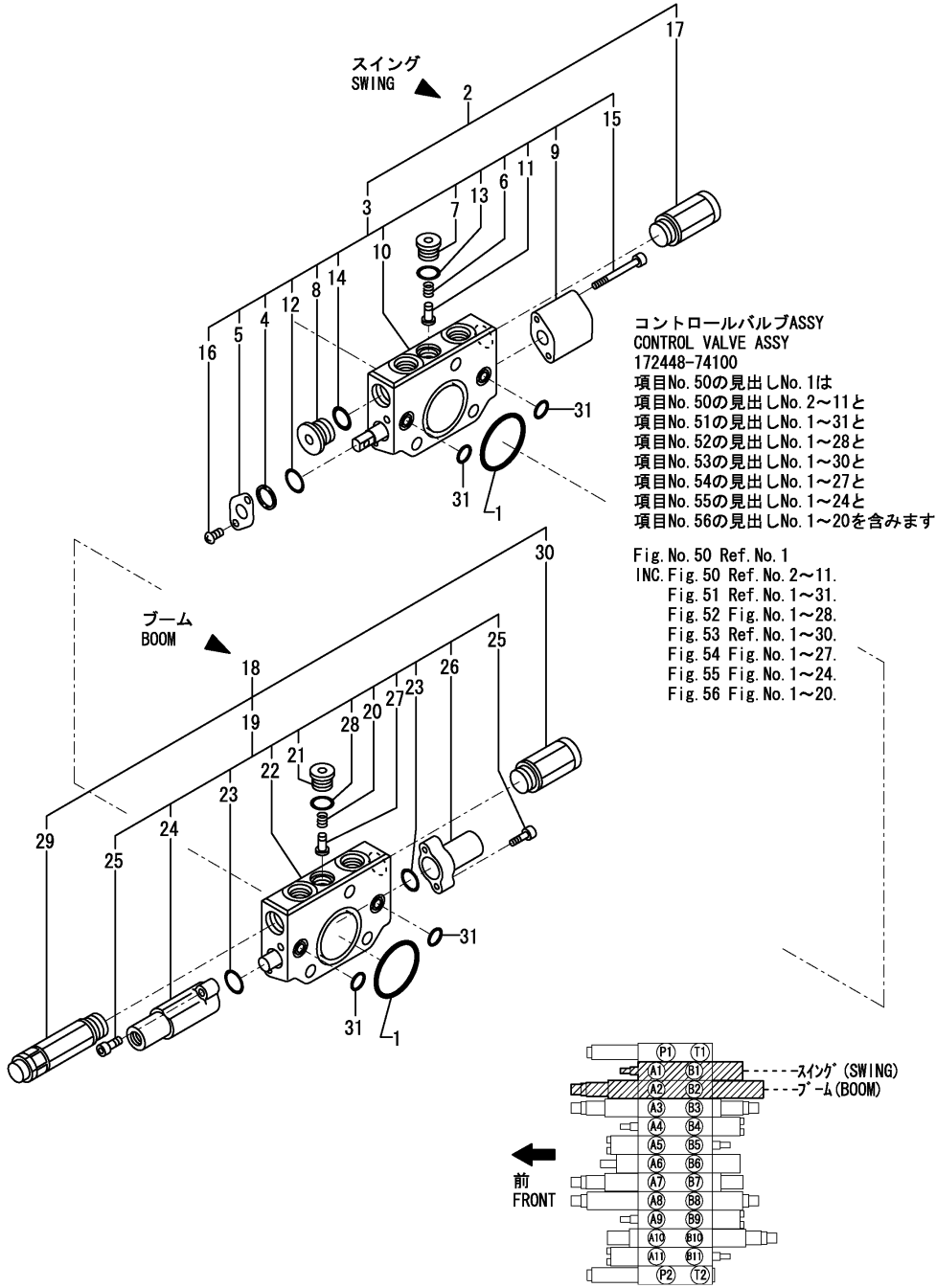


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74100	VALVE ASSY,CONTROL	1	1						
2	2	172448-74380	O-RING, AS1B 127	1	1						
3	2	172448-74390	BOLT L310	3	3						
4	2	172448-74400	ADJUSTER,PRESSURE P1	1	1						
5	3	172448-74110	SECTION ASSY	1	1						
6	4	172447-74250	SECTION	1	1						
7	4	172183-74350	PLUG PF1/4	1	1						
8	4	24315-000110	O-RING, 1BP11.0	1	1						
9	3	172448-74360	MAIN RELIFE VALVE	1	1						
10	2	24315-000100	O-RING, 1BP10.0	2	2						
11	2	26716-080002	NUT, M8	6	6						
12	1	26013-080162	BOLT, M8X 16	3	3						

Fig.51. CONTROL VALVE(2/7)

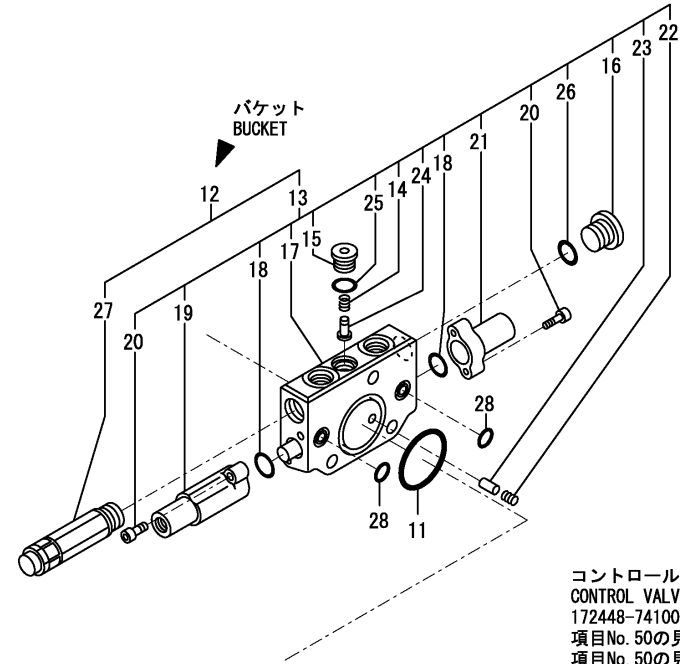
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74380	O-RING, AS1B 127	2	2						
2	2	172448-74410	SECTION, SWING	1	1						
3	3	172448-74120	SECTION ASSY, SWING	1	1						
4	4	172157-70630	BAC UP RING	1	1						
5	4	172157-70640	PLATE, O-RING	1	1						
6	4	172157-70690	SPRING, VALVE	1	1						
7	4	172157-70700	STAY, VALVE	1	1						
8	4	172157-70720	PLUG PF3/8	1	1						
9	4	172157-70820	CAP, SPRING	1	1						
10	4	172448-74130	SPOOL ASSY, SWING	1	1						
11	4	172137-74520	VALVE, CHECK	1	1						
12	4	24311-240100	O-RING, 1AP10A	1	1						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	4	24315-000140	O-RING, 1BP14.0	1	1						
15	4	26450-050452	BOLT, M5X 45	2	2						
16	4	26557-050102	SCREW, M5X10	2	2						
17	3	172447-74230	ANTI-CAVITATION	1	1						
18	2	172448-74420	SECTION, BOOM	1	1						
19	3	172448-74140	SECTION ASSY, BOOM	1	1						
20	4	172157-70690	SPRING, VALVE	1	1						
21	4	172157-70700	STAY, VALVE	1	1						
22	4	172448-74150	SPOOL ASSY, BOOM	1	1						
23	4	172449-74220	O-RING, AS 1A016	2	2						
24	4	172449-74270	CAP	1	1						
25	4	172449-74280	BOLT, M5 X 20	4	4						
26	4	172449-74290	CAP	1	1						
27	4	172137-74520	VALVE, CHECK	1	1						
28	4	24315-000110	O-RING, 1BP11.0	1	1						
29	3	172447-74221	PORT RELIFE VALVE	1	1						
30	3	172447-74230	ANTI-CAVITATION	1	1						
31	2	24315-000100	O-RING, 1BP10.0	4	4						

Fig.52. CONTROL VALVE(3/7)



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2～11と
項目No. 51の見出しNo. 1～31と
項目No. 52の見出しNo. 1～28と
項目No. 53の見出しNo. 1～30と
項目No. 54の見出しNo. 1～27と
項目No. 55の見出しNo. 1～24と
項目No. 56の見出しNo. 1～20を含みます

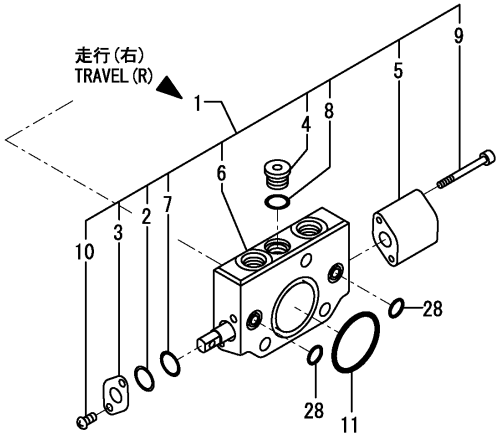
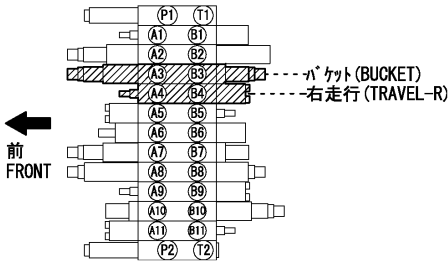


Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2～11.
Fig. 51 Ref. No. 1～31.
Fig. 52 Fig. No. 1～28.
Fig. 53 Ref. No. 1～30.
Fig. 54 Fig. No. 1～27.
Fig. 55 Fig. No. 1～24.
Fig. 56 Fig. No. 1～20.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74180	SECTION ASSY, TRAVEL	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70700	STAY, VALVE	1	1						
5	3	172157-70820	CAP, SPRING	1	1						
6	3	172448-74190	SPOOL ASSY, TRAVEL	1	1						
7	3	24311-240100	O-RING, 1AP10A	1	1						
8	3	24315-000110	O-RING, 1BP11.0	1	1						
9	3	26450-050452	BOLT, M5X 45	2	2						
10	3	26557-050102	SCREW, M5X10	2	2						
11	2	172448-74380	O-RING, AS1B 127	2	2						
12	2	172448-74430	SECTION, BUCKET	1	1						
13	3	172448-74160	SECTION ASSY, BUCKET	1	1						
14	4	172157-70690	SPRING, VALVE	1	1						
15	4	172157-70700	STAY, VALVE	1	1						
16	4	172157-70720	PLUG PF3/8	1	1						
17	4	172448-74170	SPOOL ASSY, BUCKET	1	1						
18	4	172449-74220	O-RING, AS 1A016	2	2						
19	4	172449-74270	CAP	1	1						
20	4	172449-74280	BOLT, M5 X 20	4	4						
21	4	172449-74290	CAP	1	1						
22	4	172447-74300	SPRING, VALVE	1	1						
23	4	172447-74310	VALVE, CHECK	1	1						
24	4	172137-74520	VALVE, CHECK	1	1						
25	4	24315-000110	O-RING, 1BP11.0	1	1						
26	4	24315-000140	O-RING, 1BP14.0	1	1						
27	3	172448-74370	OVER LOAD RELIEF V	1	1						
28	2	24315-000100	O-RING, 1BP10.0	4	4						

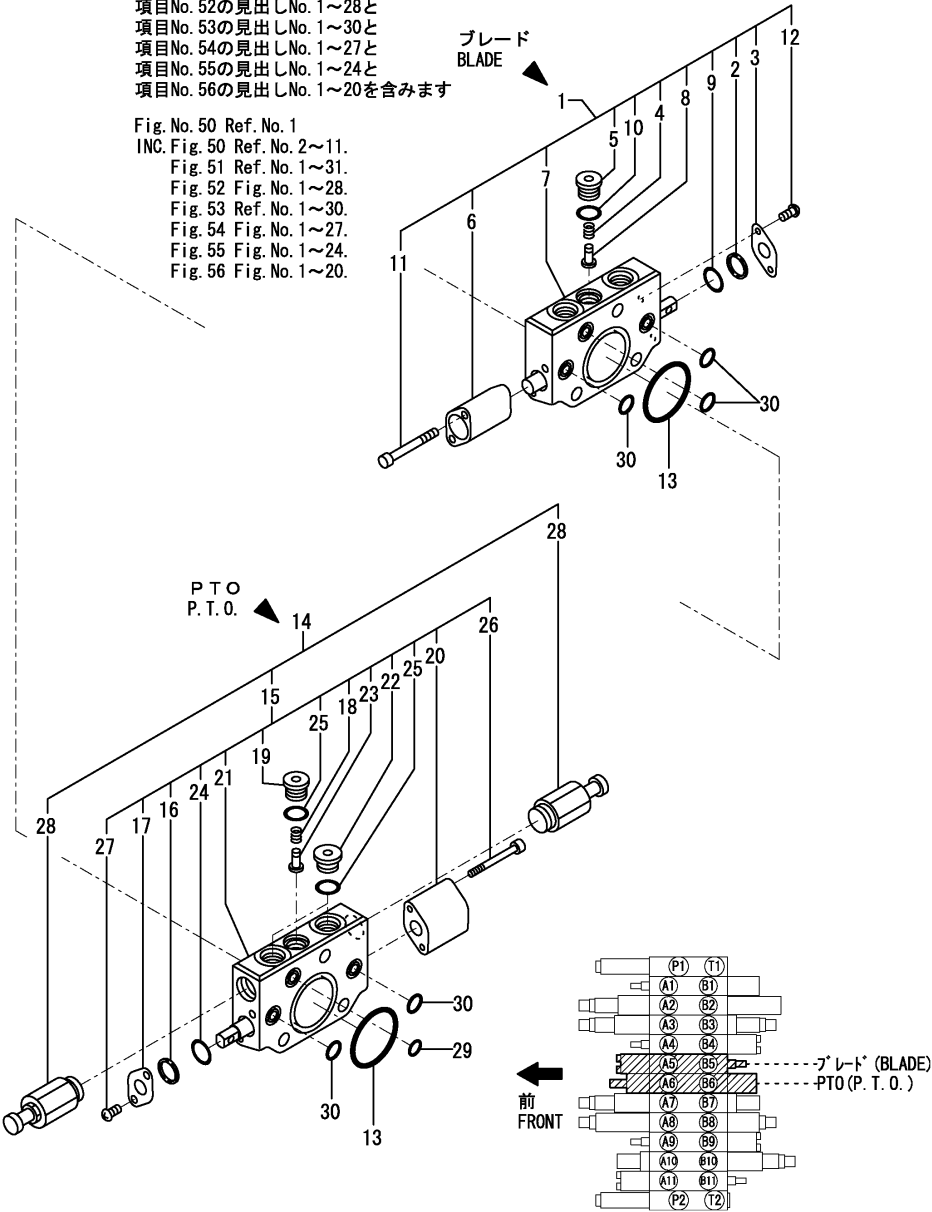
Fig.53. CONTROL VALVE(4/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

コントロールバルブ ASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.

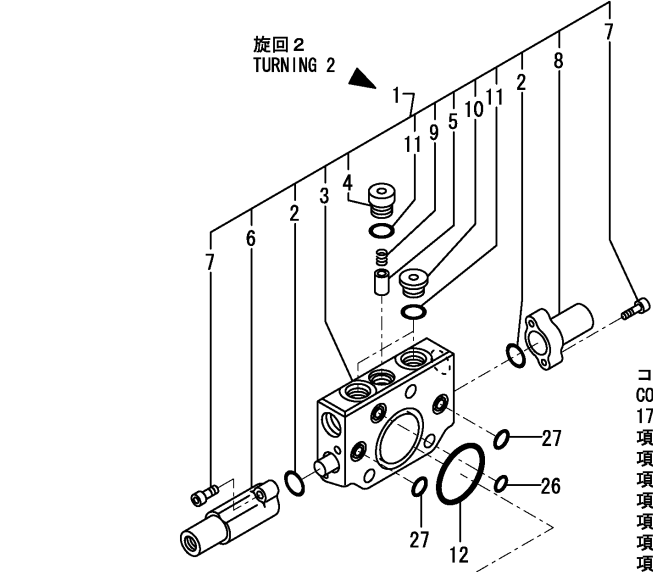


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74200	SECTION ASSY, BLADE	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74210	SPOOL ASSY, BLADE	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74380	O-RING, AS1B 127	2	2						
14	2	172448-74440	SECTION, PTO	1	1						
15	3	172448-74220	SECTION ASSY, PTO	1	1						
16	4	172157-70630	BAC UP RING	1	1						
17	4	172157-70640	PLATE, O-RING	1	1						
18	4	172157-70690	SPRING, VALVE	1	1						
19	4	172157-70700	STAY, VALVE	1	1						
20	4	172157-70820	CAP, SPRING	1	1						
21	4	172448-74230	SPOOL ASSY, PTO	1	1						
22	4	172183-74350	PLUG PF1/4	2	2						
23	4	172137-74520	VALVE, CHECK	1	1						
24	4	24311-240100	O-RING, 1AP10A	1	1						
25	4	24315-000110	O-RING, 1BP11.0	3	3						
26	4	26450-050452	BOLT, M5X 45	2	2						
27	4	26557-050102	SCREW, M5X10	2	2						
28	3	172458-74740	SHUT OFF VALVE	2	2						
29	2	24315-000040	O-RING, 1BP4.0	1	1						
30	2	24315-000100	O-RING, 1BP10.0	5	5						

Fig.54. CONTROL VALVE(5/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

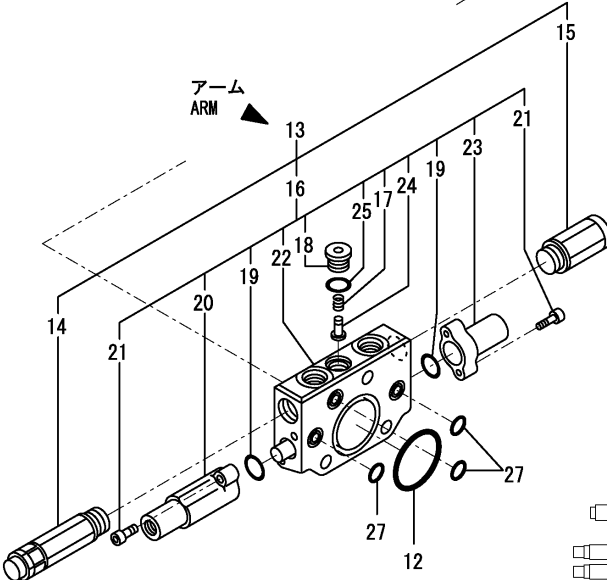
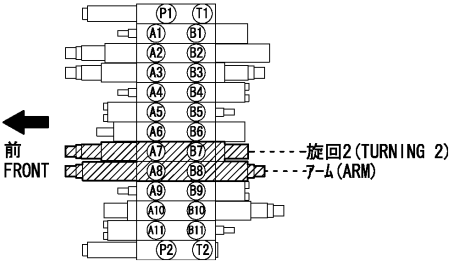


Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.

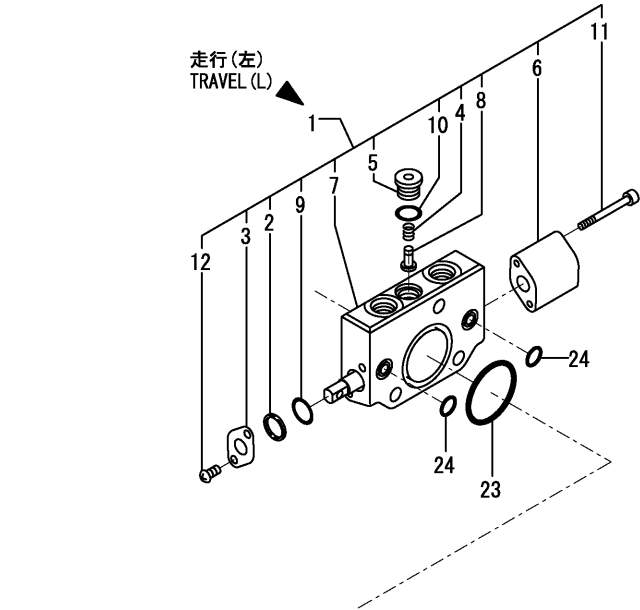


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74240	SECTION ASSY	1	1						
2	3	172449-74220	O-RING, AS 1A016	2	2						
3	3	172448-74250	SPOOL ASSY, SWING	1	1						
4	3	172448-74260	CAP, VALVE	1	1						
5	3	172448-74270	CHECK VALVE C	1	1						
6	3	172449-74270	CAP	1	1						
7	3	172449-74280	BOLT, M5 X 20	4	4						
8	3	172449-74290	CAP	1	1						
9	3	172447-74300	SPRING, VALVE	1	1						
10	3	172183-74350	PLUG PF1/4	2	2						
11	3	24315-000110	O-RING, 1BP11.0	3	3						
12	2	172448-74380	O-RING, AS1B 127	2	2						
13	2	172448-74450	SECTION, ARM	1	1						
14	3	172447-74221	PORT RELIFE VALVE	1	1						
15	3	172447-74230	ANTI-CAVITATION	1	1						
16	3	172448-74280	SECTION ASSY, ARM	1	1						
17	4	172157-70690	SPRING, VALVE	1	1						
18	4	172157-70700	STAY, VALVE	1	1						
19	4	172449-74220	O-RING, AS 1A016	2	2						
20	4	172449-74270	CAP	1	1						
21	4	172449-74280	BOLT, M5 X 20	4	4						
22	4	172448-74290	SPOOL ASSY, ARM	1	1						
23	4	172449-74290	CAP	1	1						
24	4	172137-74520	VALVE, CHECK	1	1						
25	4	24315-000110	O-RING, 1BP11.0	1	1						
26	2	24315-000040	O-RING, 1BP4.0	1	1						
27	2	24315-000100	O-RING, 1BP10.0	5	5						

Fig.55. CONTROL VALVE(6/7)

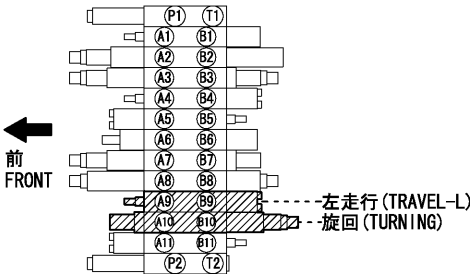
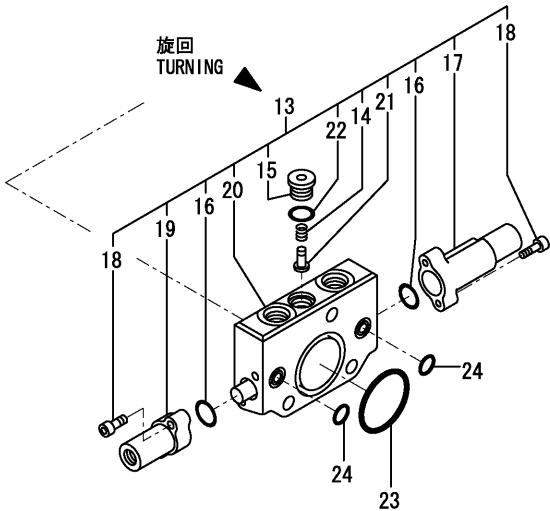
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2～11と
項目No. 51の見出しNo. 1～31と
項目No. 52の見出しNo. 1～28と
項目No. 53の見出しNo. 1～30と
項目No. 54の見出しNo. 1～27と
項目No. 55の見出しNo. 1～24と
項目No. 56の見出しNo. 1～20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2～11.
Fig. 51 Ref. No. 1～31.
Fig. 52 Fig. No. 1～28.
Fig. 53 Ref. No. 1～30.
Fig. 54 Fig. No. 1～27.
Fig. 55 Fig. No. 1～24.
Fig. 56 Fig. No. 1～20.



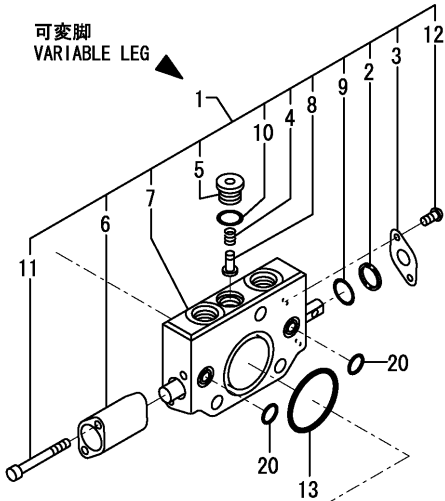
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74300	SECTION ASSY, TRAVEL	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74310	SPOOL ASSY, TRAVEL	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74320	SECTION ASSY	1	1						
14	3	172157-70690	SPRING, VALVE	1	1						
15	3	172157-70700	STAY, VALVE	1	1						
16	3	172449-74220	O-RING, AS 1A016	2	2						
17	3	172449-74270	CAP	1	1						
18	3	172449-74280	BOLT, M5 X 20	4	4						
19	3	172449-74290	CAP	1	1						
20	3	172448-74330	SPOOL ASSY, SWING	1	1						
21	3	172137-74520	VALVE, CHECK	1	1						
22	3	24315-000110	O-RING, 1BP11.0	1	1						
23	2	172448-74380	O-RING, AS1B 127	2	2						
24	2	24315-000100	O-RING, 1BP10.0	4	4						

Fig.56. CONTROL VALVE(7/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

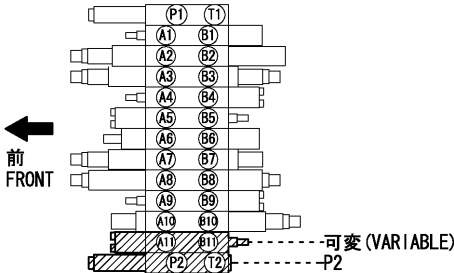
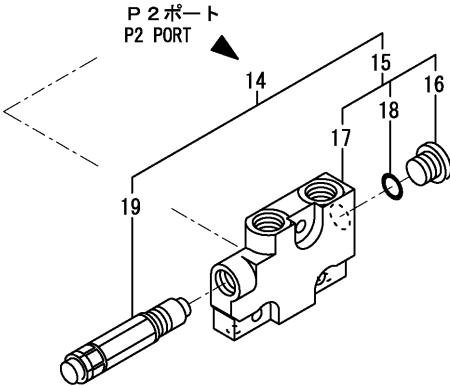
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74340	SECTION ASSY, OPTION	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74350	SPOOL ASSY, OPTION	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74380	O-RING, AS1B 127	1	1						
14	2	172448-74460	ADJUSTER,PRESSURE P2	1	1						
15	3	172447-74200	SECTION ASSY	1	1						
16	4	172183-74350	PLUG PF1/4	1	1						
17	4	172447-74380	SECTION	1	1						
18	4	24315-000110	O-RING, 1BP11.0	1	1						
19	3	172448-74360	MAIN RELIFE VALVE	1	1						
20	2	24315-000100	O-RING, 1BP10.0	2	2						



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2～11と
項目No. 51の見出しNo. 1～31と
項目No. 52の見出しNo. 1～28と
項目No. 53の見出しNo. 1～30と
項目No. 54の見出しNo. 1～27と
項目No. 55の見出しNo. 1～24と
項目No. 56の見出しNo. 1～20を含みます

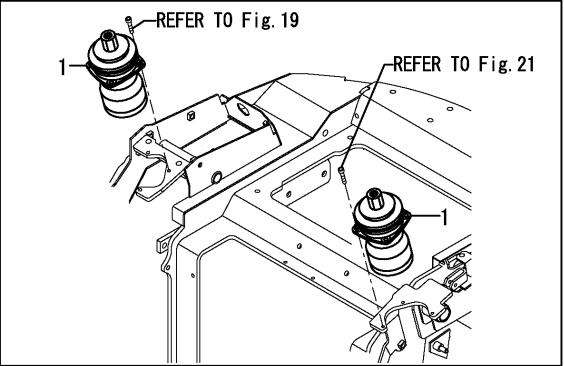
Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2～11.
Fig. 51 Ref. No. 1～31.
Fig. 52 Fig. No. 1～28.
Fig. 53 Ref. No. 1～30.
Fig. 54 Fig. No. 1～27.
Fig. 55 Fig. No. 1～24.
Fig. 56 Fig. No. 1～20.



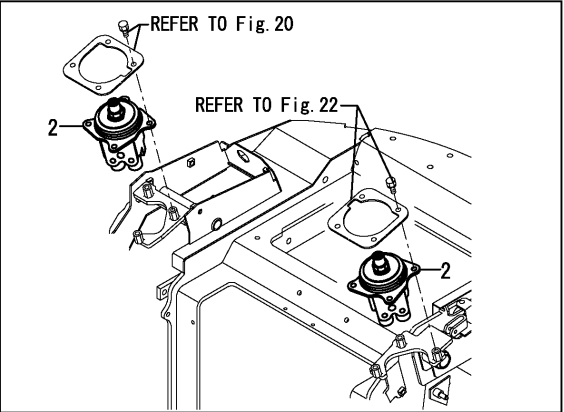
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

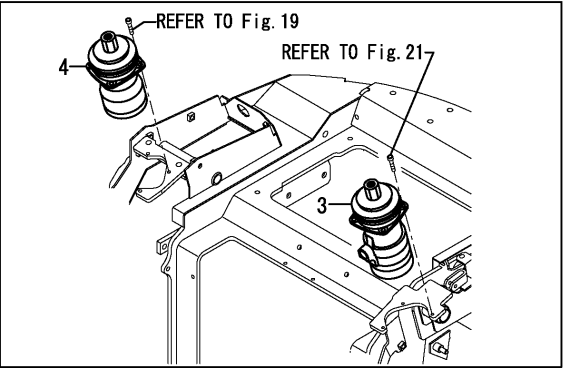
A仕様
A-SPEC.



B仕様
B-SPEC.



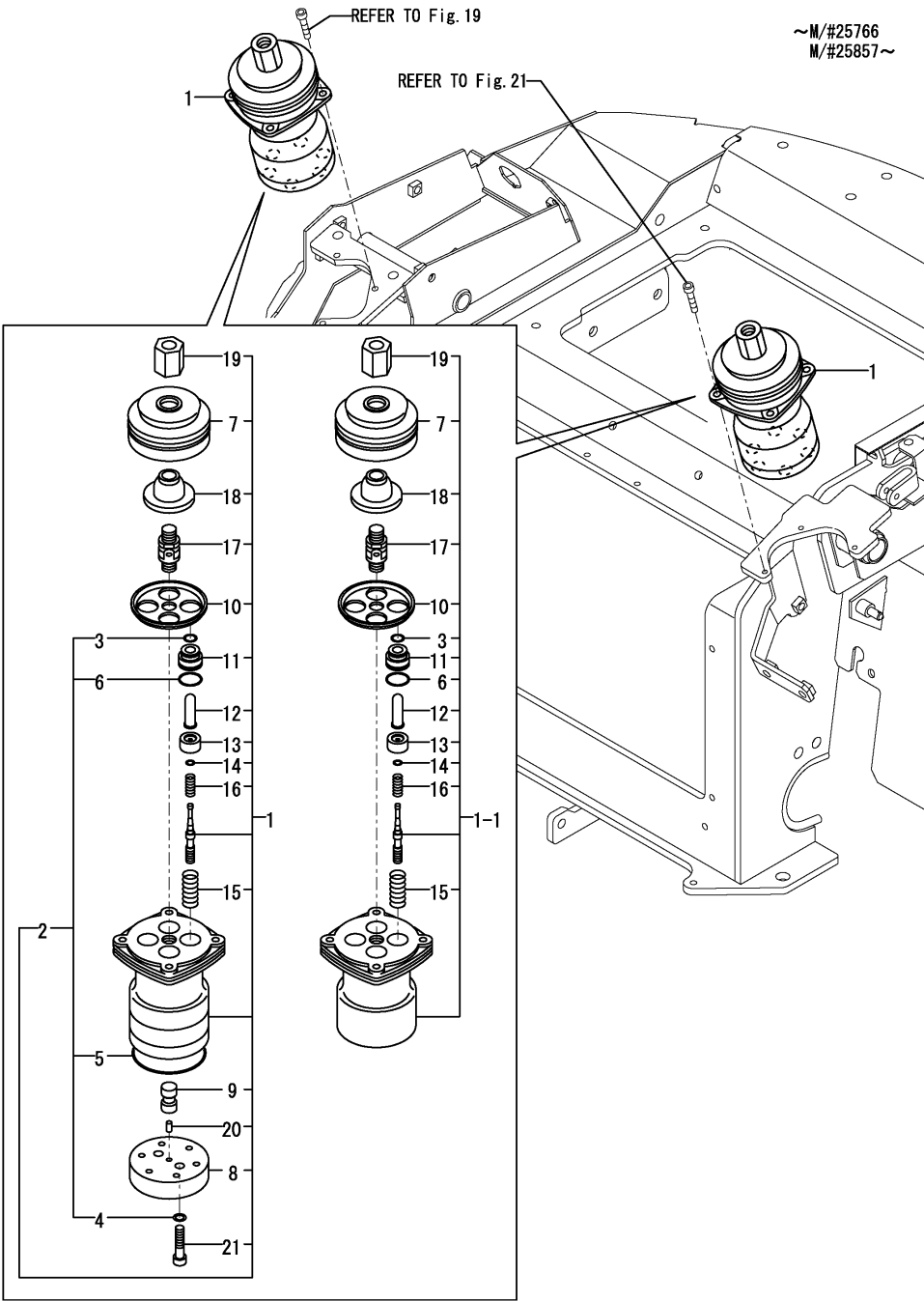
2ウェイ仕様
2ウェイ標準仕様
2-WAY SPEC.
2-WAY STANDARD SPEC.



仕様	SPEC.	左 LEFT	右 RIGHT
A仕様	A-SPEC.	Fig. 58	Fig. 58
B仕様	B-SPEC.	Fig. 59	Fig. 59
2ウェイ/標準	2-WAY/STD.	Fig. 60	Fig. 58

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74700	VALVE ASSY,REM-CON.	2							
1-1	1	172448-74701	VALVE ASSY, REM-CON.	2	2						R
(A=M/#20902)											
2	1	172449-74600	REMOTE CONTROL VALVE	2	2						
3	1	172448-74800	VALVE ASSY,REMO.CON.	1							
4	1	172448-74701	VALVE ASSY, REM-CON.	1							

Fig.58. REMOTE CONTROL VALVE(STD-A-SPEC.)

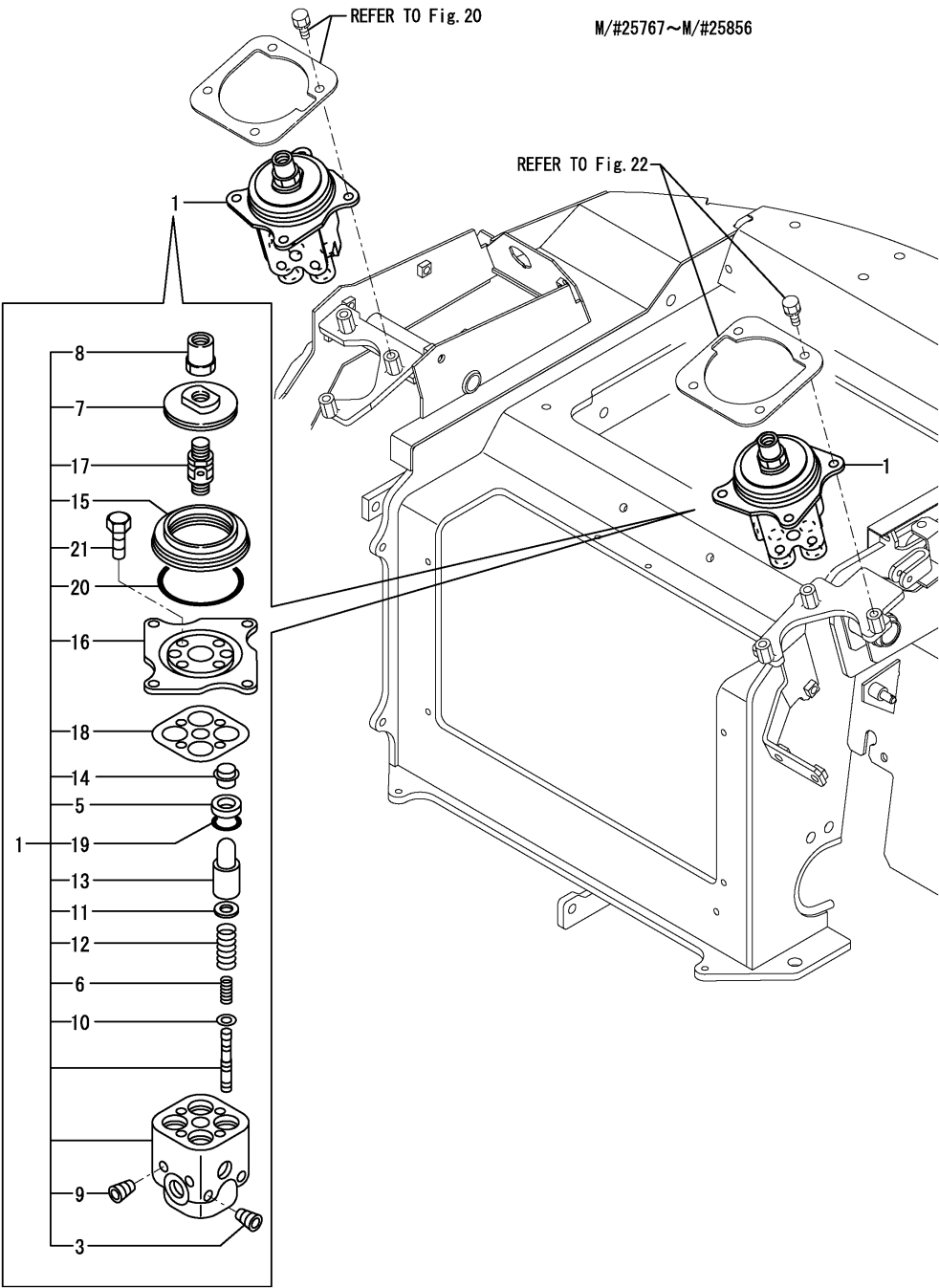


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

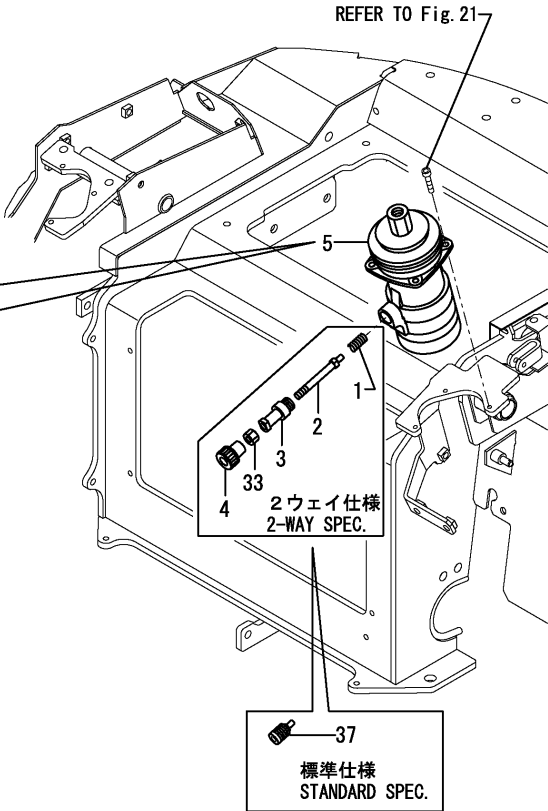
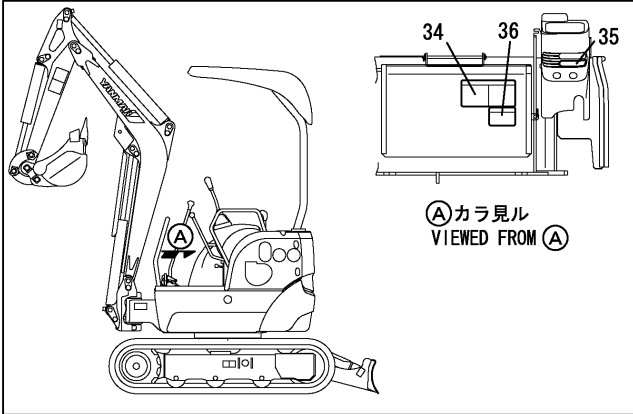
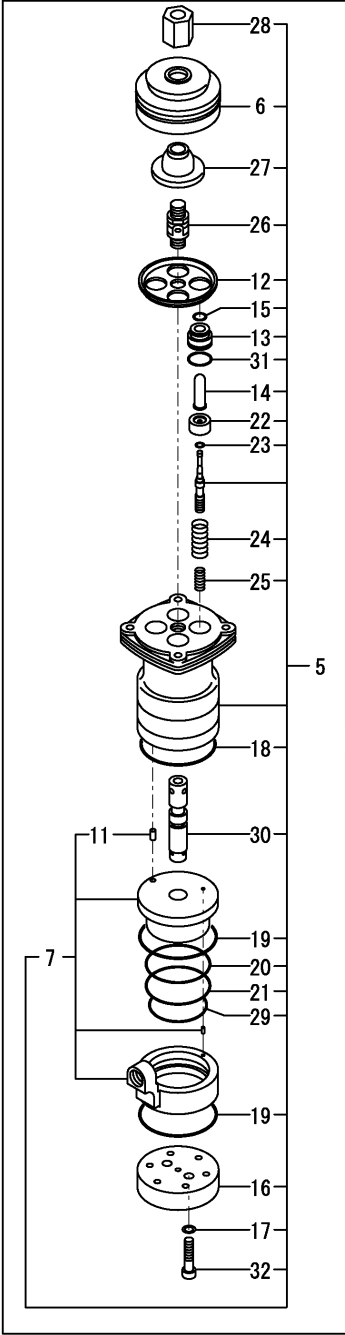
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74700	VALVE ASSY,REM-CON.	2							
1-1	1	172448-74701	VALVE ASSY, REM-CON.	2	2						R
(A=M/#20902)											
2	2	172448-74710	SEAL SET	2							Z
(A=M/#20902)											
3	3	172448-74790	SEAL	8	8						
4	3	172448-74820	PACKING	4							Z
(A=M/#20902)											
5	3	172448-74830	O-RING	2							Z
(A=M/#20902)											
6	3	24315-000200	O-RING, 1BP20.0	8	8						
7	2	172455-74710	BELLOWS	2	2						
8	2	172448-74740	PLATE, RORT	2							Z
(A=M/#20902)											
9	2	172448-74750	BUSH	2							Z
(A=M/#20902)											
10	2	172448-74760	PLATE	2	2						
11	2	172448-74770	PLUG	8	8						
12	2	172448-74780	ROD Q,PUSH	8	8						
13	2	172448-74910	SEAT, SPRING	8	8						
14	2	172448-74920	WASHER	8	8						
15	2	172448-74930	SPRING	8	8						
16	2	172448-74940	SPRING	8	8						
17	2	172448-74950	JOINT	2	2						
18	2	172448-74960	PLATE, CIRCLE	2	2						
19	2	172448-74970	NUT, ADJUST	2	2						
20	2	22351-050010	PIN, SPRING 5.0X10	2							Z
(A=M/#20902)											
21	2	26450-080352	BOLT, M8X 35	4							Z
(A=M/#20902)											

Fig.59. REMOTE CONTROL VALVE(STD-B-SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-74600	REMOTE CONTROL VALVE	2	2						
3	2	172164-74560	PLUG	4	4						
5	2	172164-74610	COLLAR	8	8						
6	2	172449-74610	SPRING	8	8						
7	2	172164-74620	DISK	2	2						
8	2	172164-74630	NUT	2	2						
9	2	172164-74650	PLUG	4	4						
10	2	172151-74860	SHIM(COUNT. SET	8	8						
11	2	172151-74880	RETAINER	8	8						
12	2	172151-74890	SP (SYN.	8	8						
13	2	172151-74900	PISTON	8	8						
14	2	172151-74910	SEAL	8	8						
15	2	172151-74930	BOOT	2	2						
16	2	172151-74940	PLATE	2	2						
17	2	172151-74950	UNION	2	2						
18	2	172151-74980	PLATE	2	2						
19	2	24311-000200	O-RING, 1AP20.0	8	8						
20	2	24311-000700	O-RING, 1AP70.0	2	2						
21	2	26116-060202	BOLT, M6X 20 PLATED	8	8						

Fig.60. REMOTE CONTROL VALVE(2-WAY SPEC.)



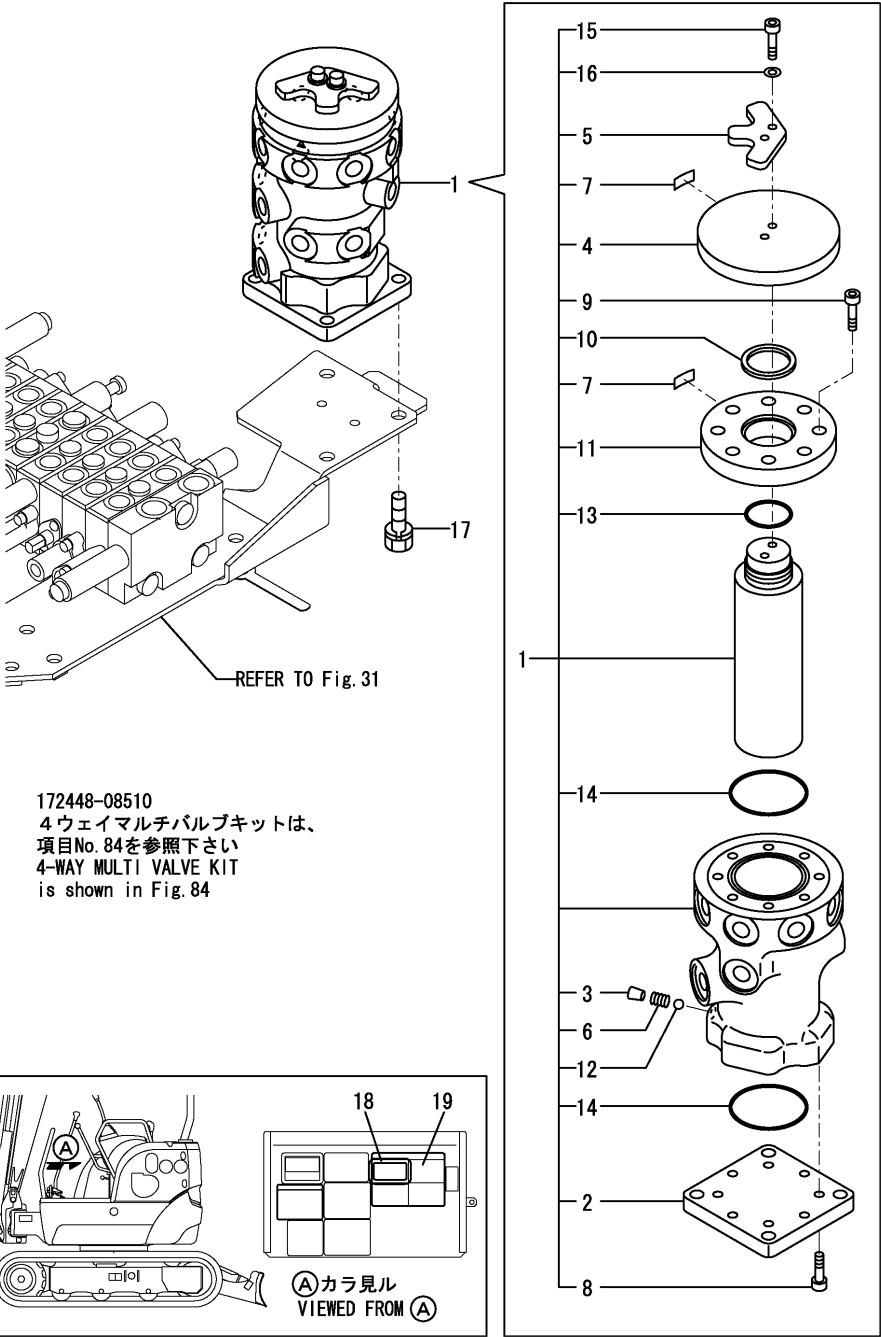
172448-08520
2ウェイマルチバルブキットは、項目No. 86を参照下さい
2-WAY MULTI VALVE KIT is shown in Fig. 86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6141-35370	SPRING, LOCK	1	1						
2	1	172458-74470	SHAFT	1	1						
3	1	172458-74480	SLEEVE	1	1						
4	1	172458-74490	KNOB, LEVER	1	1						
5	1	172448-74800	VALVE ASSY, REMO. CON.	1	1						
6	2	172455-74710	BELLOWS	1	1						
7	2	172448-74720	SLEEVE, SPOOL	1	1						
11	3	22351-050010	PIN, SPRING 5.0X10	1	1						
12	2	172448-74760	PLATE	1	1						
13	2	172448-74770	PLUG	4	4						
14	2	172448-74780	ROD Q, PUSH	4	4						
15	2	172448-74790	SEAL	4	4						
16	2	172448-74810	PLATE, PORT	1	4						
17	2	172448-74820	PACKING	2	2						
18	2	172448-74830	O-RING	1	1						
19	2	172448-74860	O-RING	2	2						
20	2	172448-74870	O-RING	1	1						
21	2	172448-74880	O-RING	1	1						
22	2	172448-74910	SEAT, SPRING	4	4						
23	2	172448-74920	WASHER	4	4						
24	2	172448-74930	SPRING	4	4						
25	2	172448-74940	SPRING	4	4						
26	2	172448-74950	JOINT	1	1						
27	2	172448-74960	PLATE, CIRCLE	1	1						
28	2	172448-74970	NUT, ADJUST	1	1						
29	2	172448-74980	O-RING	1	1						
30	2	172448-74990	DISTANZBUCHSE	1	1						
31	2	24315-000200	O-RING, 1BP20.0	4	4						
32	2	26450-080652	BOLT, M8X 65	2	2						
33	1	26712-080002	NUT, M8	1	1						
34	1	172458-03550	LABEL	1	1						
35	1	172458-03560	LABEL	1	1						
36	1	172458-03570	LABEL	1	1						
37	1	172448-74730	PLUG	1	1						

Fig.61. ROTARY VALVE(4-WAY SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

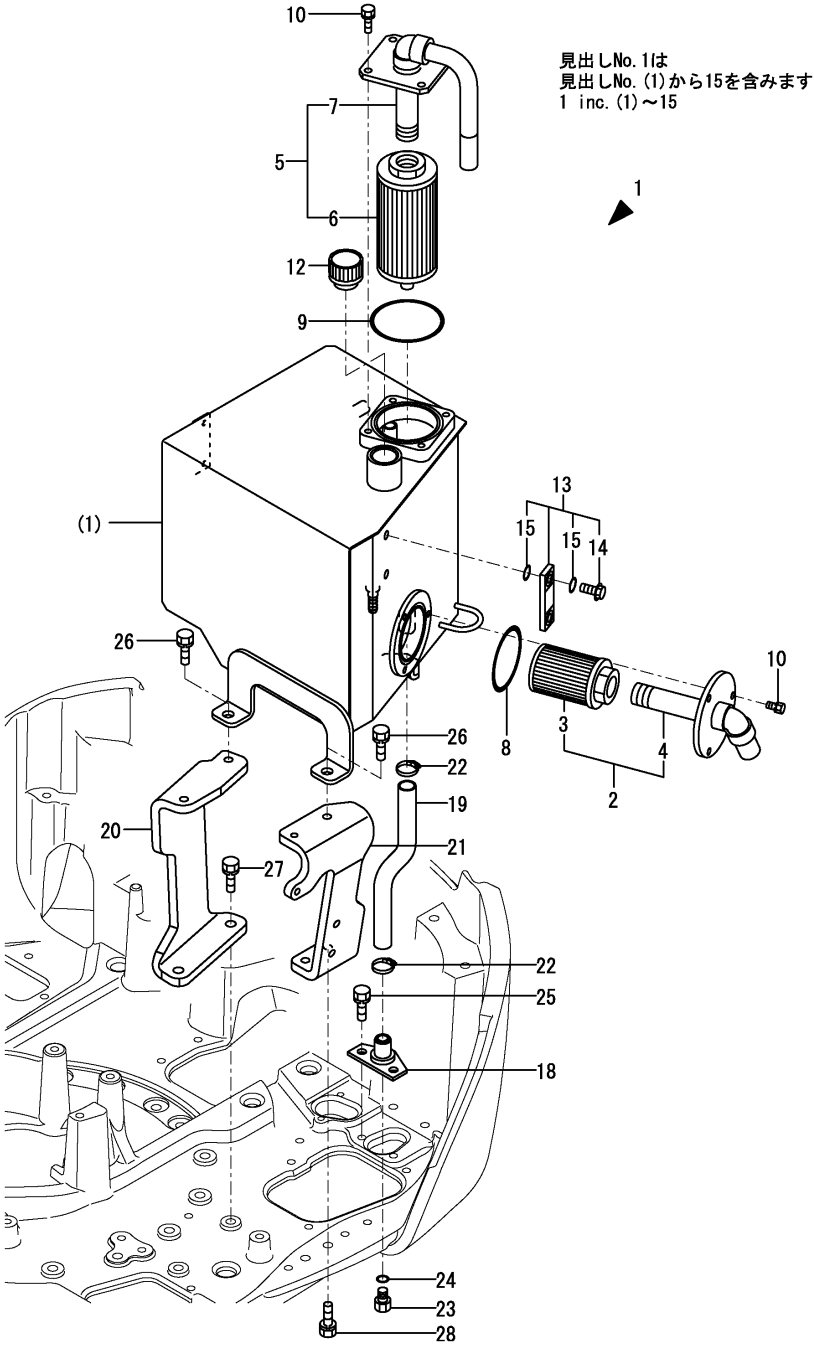


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-74800	VALVE,MULT CHANGE	1							
2	2	182900-16530	COVER	1							
3	2	182901-39280	PLUG	1							
4	2	182901-39290	PLATE	1							
5	2	182901-39300	PLATE	1							
6	2	182901-40720	SPRING	1							
7	2	172449-74810	LABEL,PATTERN	1							
8	2	182900-77190	BOLT	8							
9	2	182900-77200	BOLT	8							
10	2	182900-77210	DUST SEAL	1							
11	2	182900-77220	COVER	1							
12	2	24190-100001	BALL, STEEL 5/16	1							
13	2	24311-000280	O-RING, 1AP28.0	1							
14	2	24321-000600	O-RING, 1AG60.0	2							
15	2	953KMO-00165	BOLT	2							
15-1	2	953KMO-00165	BOLT	2							N
(A=M/#20501)											
16	2	953KMO-00220	WASHER	2							
16-1	2	953KMO-00220	WASHER	2							N
(A=M/#20501)											
17	1	26013-100202	BOLT, M10X 20	3							
18	1	172444-03290	MAGNET	1							
19	1	172151-03551	LABEL	1							

Fig.62. HYD.OIL TANK

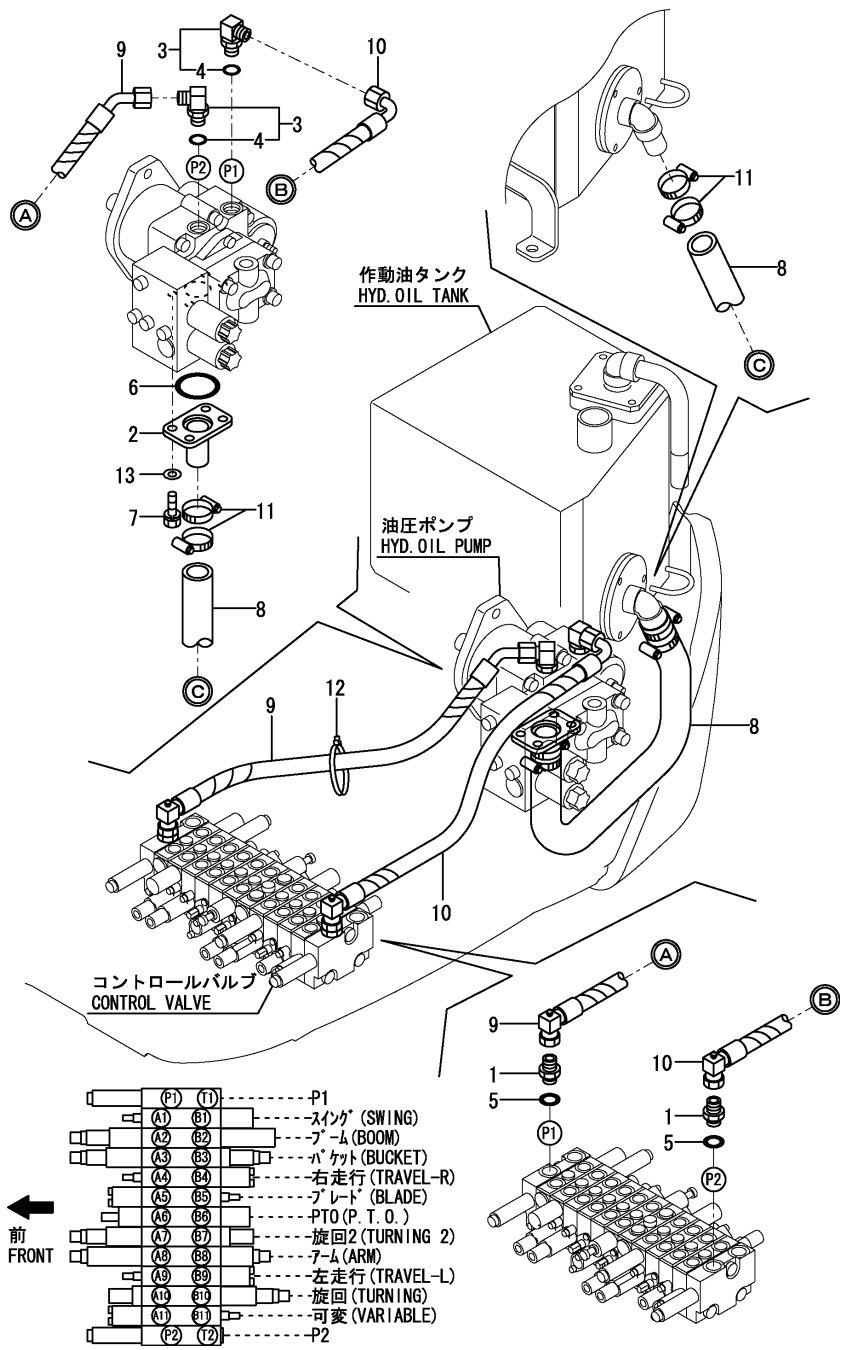
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-75100	TANK ASSY, RESERVOIR	1	1						
2	2	172448-73700	FILTER ASSY,SUCTION	1	1						
3	3	172448-73710	FILTER, SUCTION	1	1						
4	3	172448-73720	FLANGE,SUCTION	1	1						
5	2	172448-73770	FILTER ASSY,RETURN	1	1						
6	3	172448-73780	FILTER, RETURN	1	1						
7	3	172448-73790	FLANGE,RETURN	1	1						
8	2	24321-000750	O-RING, 1AG75.0	1	1						
9	2	24321-000850	O-RING, 1AG85.0	1	1						
10	2	26013-080162	BOLT, M8X 16	7	7						
12	2	172446-75250	CAP, RESERVER	1	1						
13	2	172447-75600	GAUGE ASSY	1	1						
14	3	172455-75290	BOLT M10	2	2						
15	3	172455-75300	O-RING	4	4						
18	1	172447-75290	BRACKET CMP	1	1						
19	1	172448-75300	HOSE G612YY032	1	1						
20	1	172448-75380	STAY ASSY, RESERVER	1	1						
21	1	172448-75410	STAY, RESERVOIR	1	1						
21-1	1	172448-75411	STAY, RESERVOIR	1	1						N
(A=M/#26118) (B=M/#26118)											
22	1	23000-025000	CLAMP, 25	2							
22-1	1	23001-025000	CLAMP, HOSE 25	2	2						N
(A=M/#20902)											
23	1	23491-140002	PLUG, 14	1	1						
24	1	24311-000160	O-RING, 1AP16.0	1	1						
25	1	26013-100202	BOLT, M10X 20	2	2						
26	1	26013-120252	BOLT, M12X 25	3	3						
27	1	26013-120302	BOLT, M12X 30	2	2						
28	1	26013-120452	BOLT, M12X 45	2	2						

Fig.63. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)

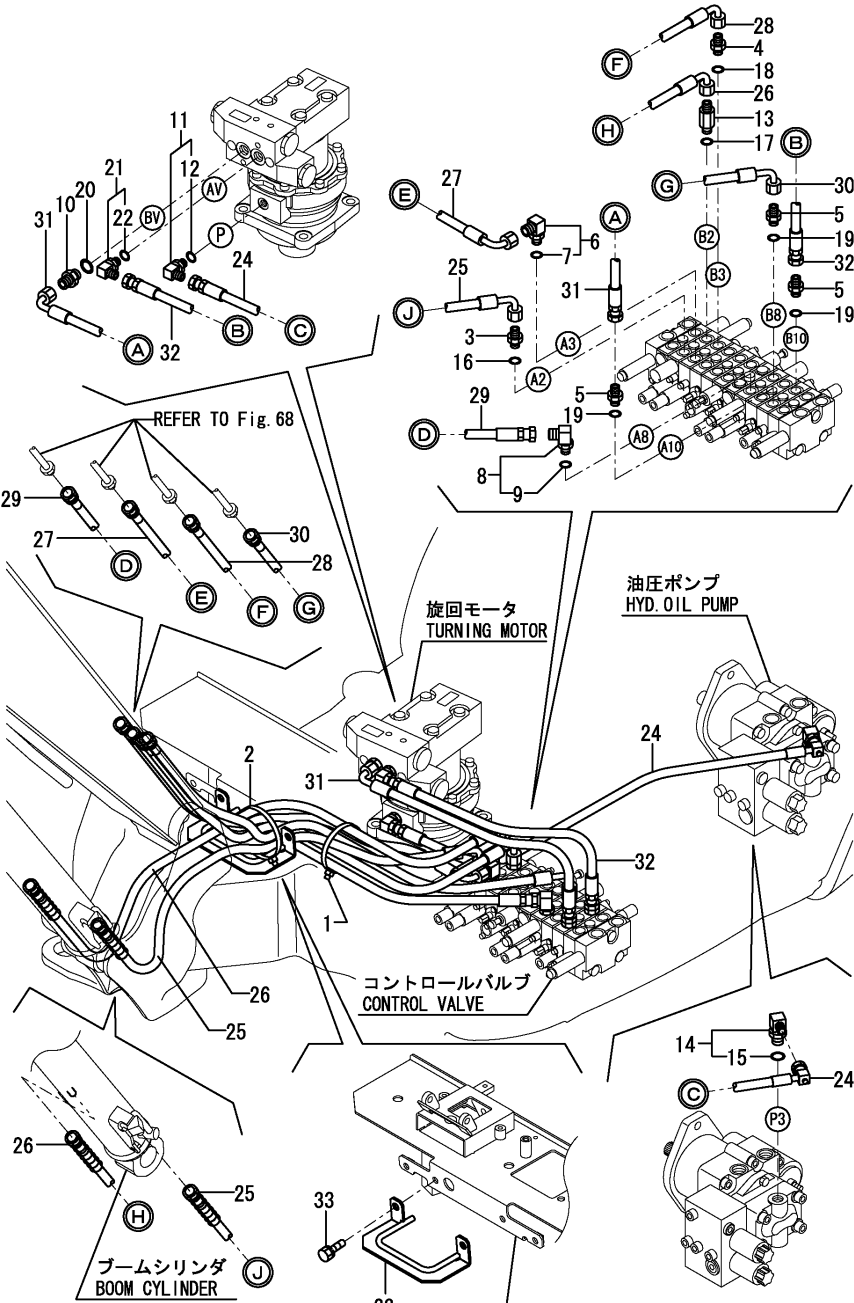


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2						
2	1	172124-76100	FLANGE,PUMP INLET	1	1						
3	1	172157-76300	ELBOW ASSY	2	2						
4	2	24315-000180	O-RING, 1BP18.0	2	2						
5	1	24315-000140	O-RING, 1BP14.0	2	2						
6	1	24321-000350	O-RING, 1AG35.0	1	1						
6-1	1	24311-000350	O-RING, 1AP35.0	1	1						N
(A=M/#XXXXXX) (B=M/#XXXXXX)											
7	1	26013-100252	BOLT, M10X 25	4	4						
8	1	172448-78110	HOSE NA,SUCTION	1	1						
9	1	172448-78130	HOSE H206EZ058S	1	1						
10	1	172448-78140	HOSE H206CZ056S	1	1						
11	1	23000-041000	CLAMP, 41	4							
11-1	1	23001-041000	CLAMP, HOSE 41	4	4						N
(A=M/#20902)											
12	1	172122-79930	CLAMP, HOSE	1	1						
13	1	22117-100000	WASHER, 10	4	4						W
(A=XXX) (B=XXX)											

Fig.64. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR, BOOM)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

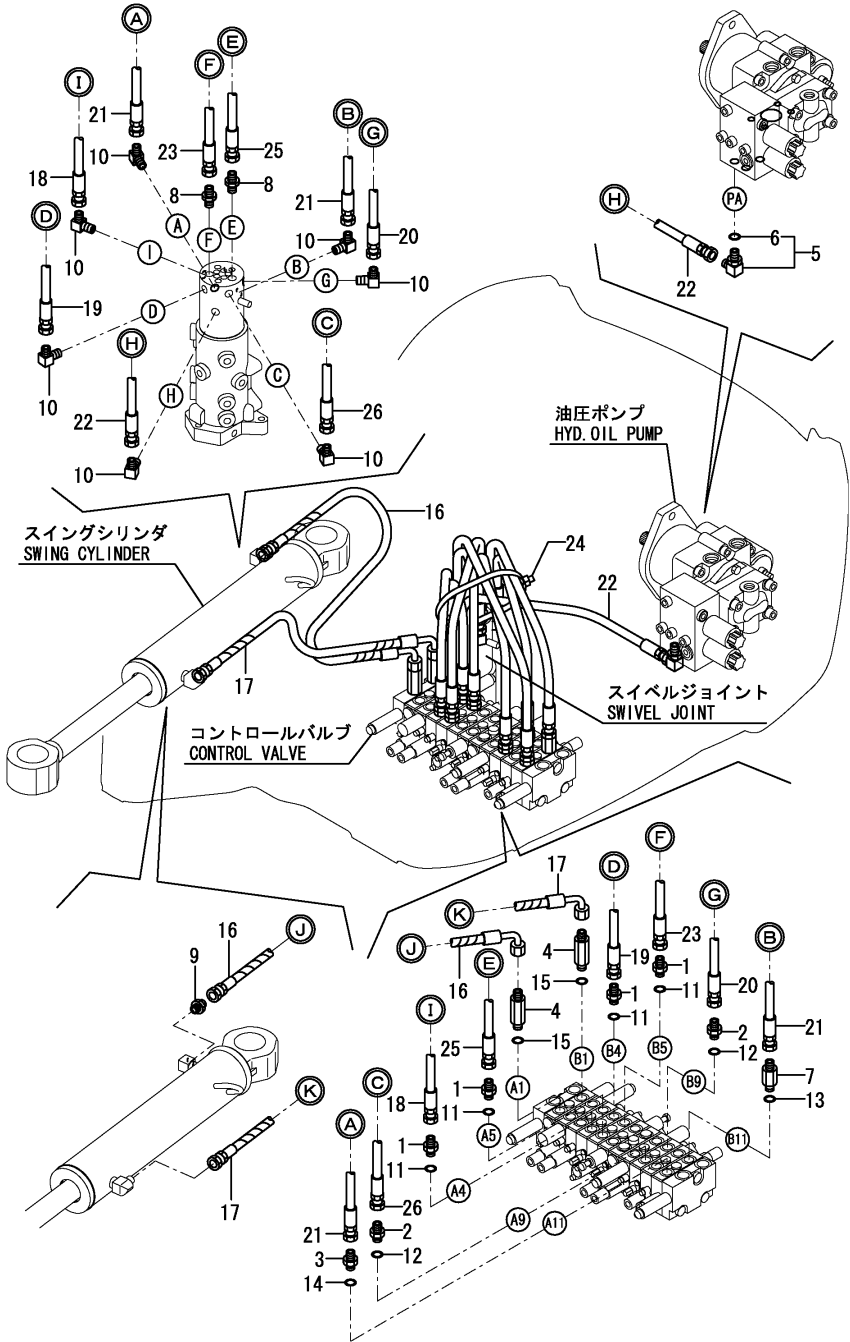


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-79930	CLAMP, HOSE	1	1						
2	1	172122-79930	CLAMP, HOSE	1	1						
3	1	172123-76121	ADAPTER	1	1						
4	1	172123-76121	ADAPTER	1	1						
5	1	172123-76121	ADAPTER	3	3						
6	1	172173-76120	CONNECTOR ASSY	1	1						
6-1	1	172173-76121	CONNECTOR ASSY	1	1						R
(A=M/#25852) (B=M/#25852)											
7	2	24315-000110	O-RING, 1BP11.0	1	1						
8	1	172173-76120	CONNECTOR ASSY	1	1						
8-1	1	172173-76121	CONNECTOR ASSY	1	1						R
(A=M/#25852) (B=M/#25852)											
9	2	24315-000110	O-RING, 1BP11.0	1	1						
10	1	172157-76150	CONNECTOR	1	1						
11	1	172141-76180	CONNECTOR ASSY	1	1						
12	2	24315-000110	O-RING, 1BP11.0	1	1						
13	1	172183-76200	CONNECTOR	1	1						
14	1	172141-76920	CONNECTOR ASSY	1	1						
15	2	24315-000140	O-RING, 1BP14.0	1	1						
16	1	24315-000110	O-RING, 1BP11.0	1	1						
17	1	24315-000110	O-RING, 1BP11.0	1	1						
18	1	24315-000110	O-RING, 1BP11.0	1	1						
19	1	24315-000110	O-RING, 1BP11.0	3	3						
20	1	24315-000140	O-RING, 1BP14.0	1	1						
21	1	172141-76920	CONNECTOR ASSY	1	1						
22	2	24315-000140	O-RING, 1BP14.0	1	1						
23	1	172448-77910	CLAMP, HOSE	1	1						
24	1	172448-78150	HOSE F203BZ073S	1	1						
25	1	172448-78180	HOSE H204BC096W	1	1						
26	1	172448-78190	HOSE H204BC104W	1	1						
27	1	172448-78200	HOSE H206BC088K	1	1						
28	1	172448-78210	HOSE H204BC100K	1	1						
29	1	172448-78260	HOSE H206BB105K	1	1						
30	1	172448-78270	HOSE H204BC107K	1	1						
31	1	172448-78290	HOSE F204BC052	1							
31-1	1	172448-78291	HOSE F203BC052	1	1						N
(A=M/#20503)											
32	1	172448-78670	HOSE F204BB048	1							
32-1	1	172448-78980	HOSE F203BB049	1	1						N
(A=M/#20503)											
33	1	26013-100202	BOLT, M10X 20	2	2						

Fig.65. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT, SWING CYLINDER)

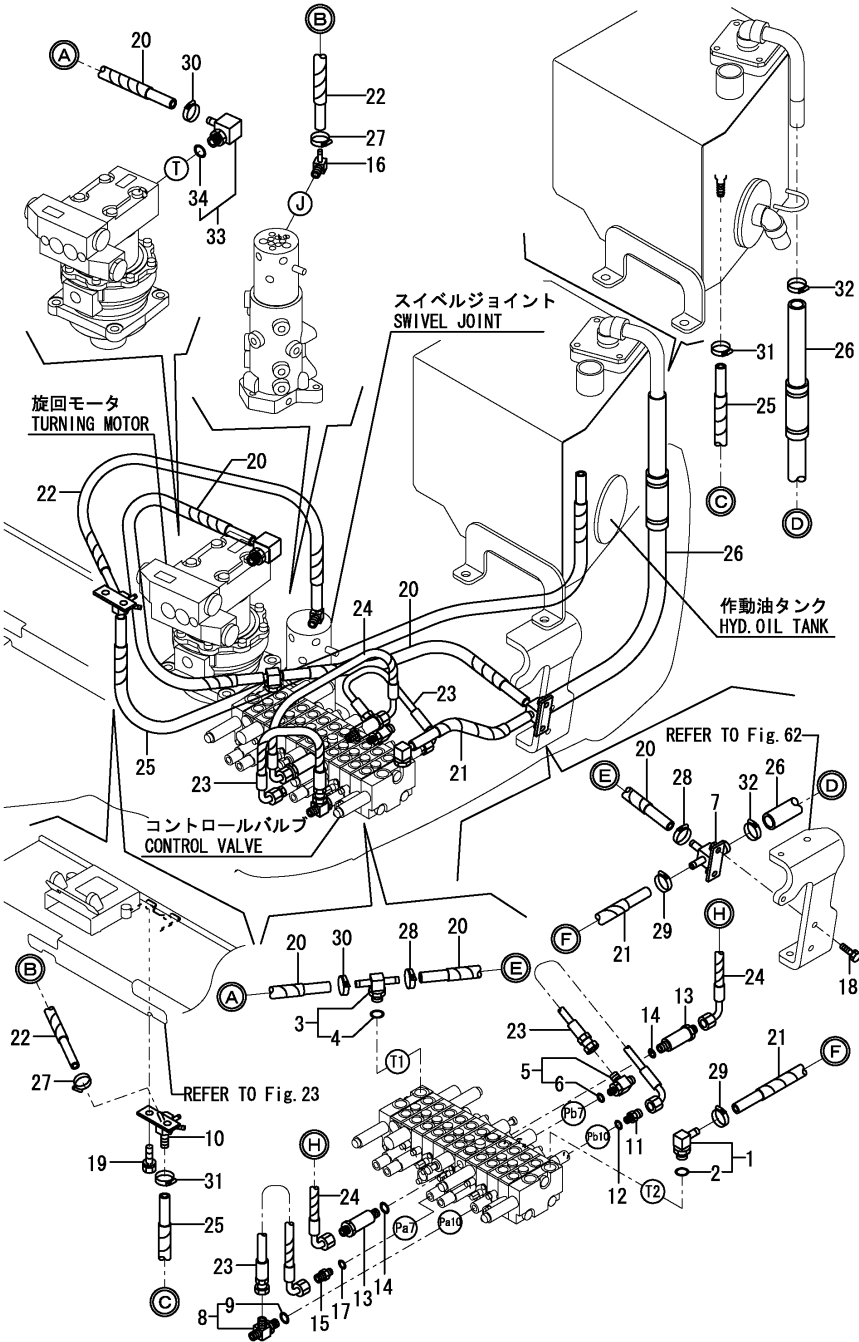
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	4	4						
2	1	172123-76121	ADAPTER	2	2						
3	1	172123-76121	ADAPTER	1	1						
4	1	172448-76130	CONNECTOR, PF1/4	2	2						
5	1	172141-76180	CONNECTOR ASSY	1	1						
6	2	24315-000110	O-RING, 1BP11.0	1	1						
7	1	172183-76200	CONNECTOR	1	1						
8	1	23391-020000	JOINT, RGI-1/4	2	2						
9	1	23391-020000	JOINT, RGI-1/4	1	1						
10	1	23393-020000	JOINT, 90RGI-1/4	7	7						
11	1	24315-000110	O-RING, 1BP11.0	4	4						
12	1	24315-000110	O-RING, 1BP11.0	2	2						
13	1	24315-000110	O-RING, 1BP11.0	1	1						
14	1	24315-000110	O-RING, 1BP11.0	1	1						
15	1	24315-000110	O-RING, 1BP11.0	2	2						
16	1	172448-78160	HOSE F203BC083S	1	1						
17	1	172448-78170	HOSE F203BC052S	1	1						
18	1	172448-78220	HOSE F204BBO52	3							
18-1	1	172448-78220	HOSE F204BBO52	2							K
(A=M/#20501)											
18-2	1	172448-78220	HOSE F204BBO52	1	1						K
(A=M/#20550)											
19	1	172448-78230	HOSE F204BB045	1	1						
20	1	172448-78280	HOSE F204BB054	1	1						
21	1	172448-78300	HOSE F203BB066	2	2						
22	1	172455-78610	HOSE F403BB054	1	1						
23	1	172448-78670	HOSE F204BB048	1	1						
24	1	172122-79930	CLAMP, HOSE	1	1						
25	1	172448-78220	HOSE F204BBO52	1							
25-1	1	172448-78830	HOSE F204BB050	1	1						N
(A=M/#20550)											
26	1	172448-78220	HOSE F204BBO52	1							
26-1	1	172448-78280	HOSE F204BB054	1	1						N
(A=M/#20501)											

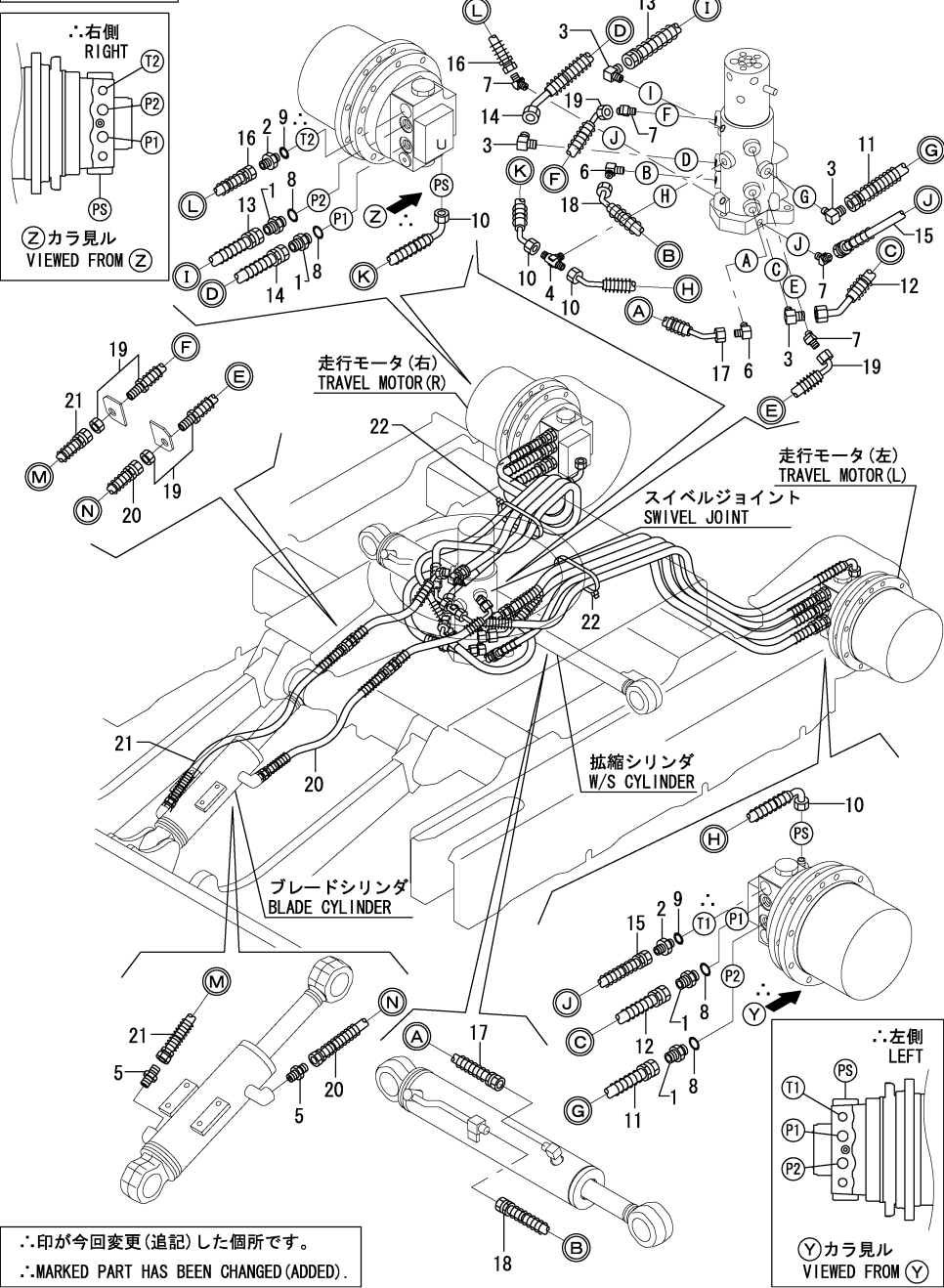
Fig.66. HYD.OIL PIPING(RETURN)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-76100	ELBOW	1	1						
2	2	24315-000140	O-RING, 1BP14.0	1	1						
3	1	172448-76110	ELBOW	1	1						
4	2	24315-000140	O-RING, 1BP14.0	1	1						
5	1	172448-76120	ELBOW	1	1						
6	2	24315-000080	O-RING, 1BP8.0	1	1						
7	1	172448-76140	DRAIN BLOCK	1	1						
8	1	172448-76150	ELBOW	1	1						
9	2	24315-000080	O-RING, 1BP8.0	1	1						
10	1	172187-76160	JOINT	1	1						
11	1	172448-76160	CONNECTOR, 0.6	1	1						
12	1	24315-000080	O-RING, 1BP8.0	1	1						
13	1	172448-76170	JOINT, PF1/4-3/8	2	2						
14	1	24315-000140	O-RING, 1BP14.0	2	2						
15	1	172447-76210	JOINT, G1/8-G1/4	1	1						
16	1	172186-76390	NIPPLE, ELBOW	1	1						
17	1	24315-000080	O-RING, 1BP8.0	1	1						
18	1	26013-080252	BOLT, M8X 25	2	2						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	172448-78310	HOSE G806YY050S	2	2						
21	1	172448-78320	HOSE G806YY025S	1	1						
22	1	172448-78460	HOSE G804YY054S	1	1						
23	1	172458-78620	HOSE F403BC030	2	2						
24	1	172448-78700	HOSE G804CC042S	1	1						
25	1	172448-78740	HOSE G806YY110S	1	1						
26	1	172448-78750	HOSE G812YY080S	1	1						
27	1	23000-013000	CLAMP, 13	2	2						
28	1	23001-016000	CLAMP, HOSE 16	2	2						
29	1	23001-016000	CLAMP, HOSE 16	2	2						
30	1	23001-016000	CLAMP, HOSE 16	2	2						
31	1	23001-016000	CLAMP, HOSE 16	2	2						
32	1	23001-035000	CLAMP, HOSE 35	2	2						
33	1	172448-76100	ELBOW	1	1						
34	2	24315-000140	O-RING, 1BP14.0	1	1						

Fig.67. HYD.OIL PIPING(TRACK FRAME)

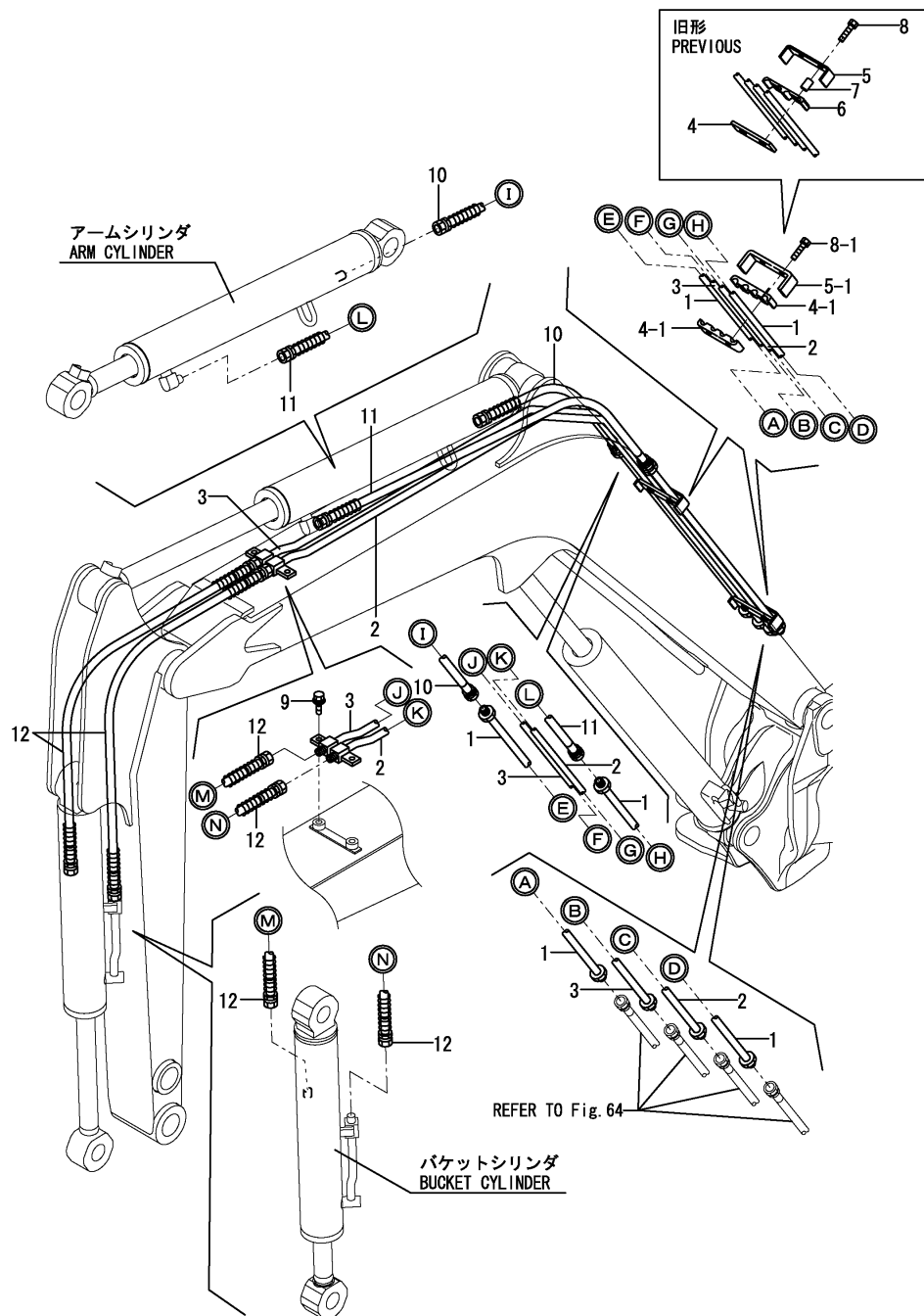
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PUBLISHED:2008/05



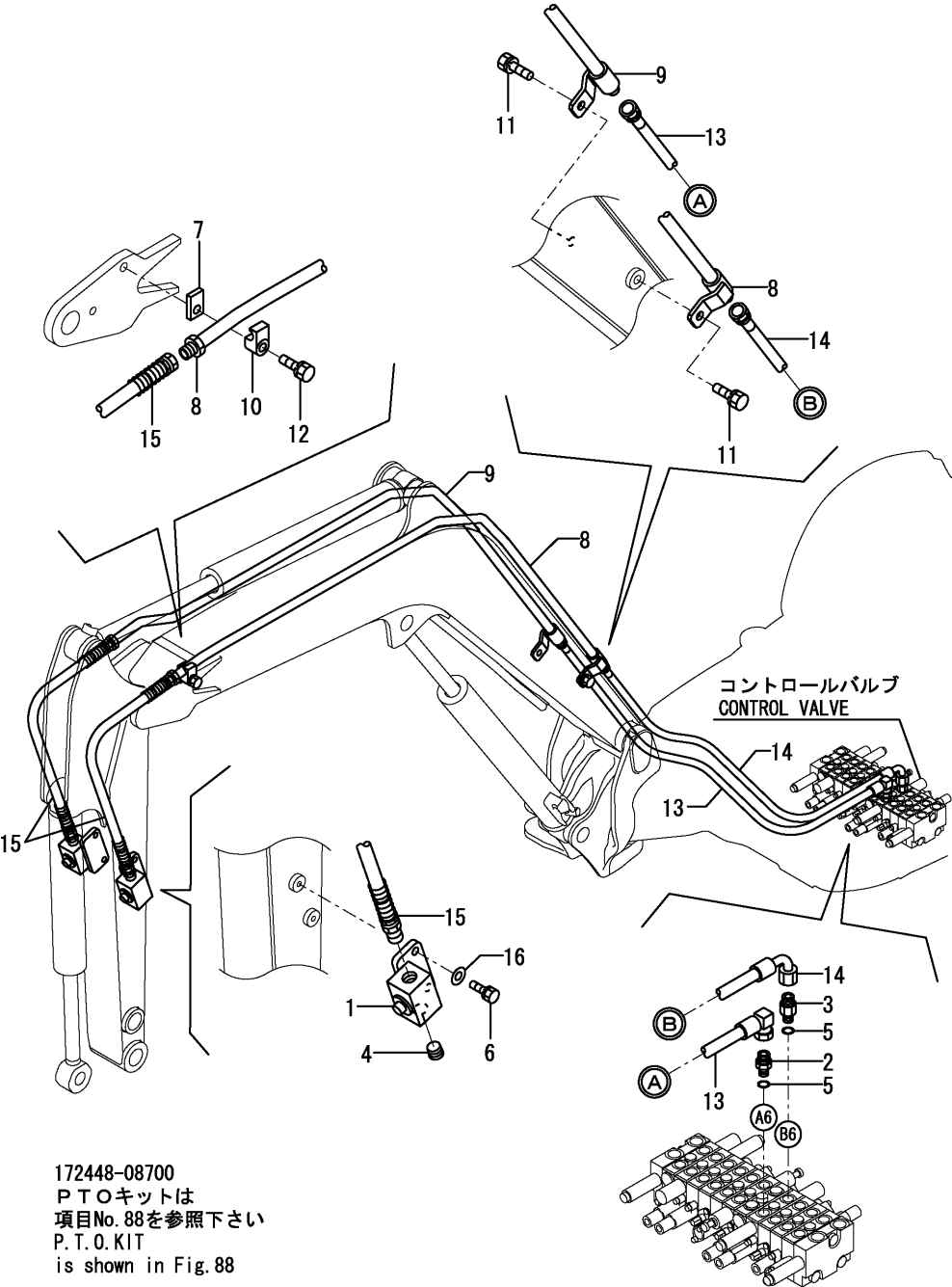
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	4	4						
2	1	172123-76121	ADAPTER	2	2						
3	1	172147-76180	ELBOW	4	4						
4	1	172162-76320	CONNECTOR, 3X1/4	1	1						
5	1	23391-020000	JOINT, RGI-1/4	2	2						
6	1	23393-020000	JOINT, 90RGI-1/4	2	2						
7	1	23394-020000	JOINT, 45RGI-1/4	4	4						
8	1	24315-000140	O-RING, 1BP14.0	4	4						
9	1	24315-000110	O-RING, 1BP11.0	2	2						
10	1	172448-78330	HOSE F203CE102W	2	2						
11	1	172448-78340	HOSE H205BB078W	1	1						
12	1	172448-78350	HOSE H205BE078W	1	1						
13	1	172448-78360	HOSE H205BB073W	1	1						
14	1	172448-78370	HOSE H205BE081W	1	1						
15	1	172448-78380	HOSE G804BB090W	1	1						
16	1	172448-78390	HOSE G804BB087W	1	1						
17	1	172448-78400	HOSE F203BE045S	1	1						
18	1	172448-78410	HOSE F203BE055W	1	1						
19	1	172448-78710	HOSE F204CX025W	2	2						
20	1	172448-78720	HOSE F204BB039W	1	1						
21	1	172448-78730	HOSE F204BB055W	1	1						
22	1	172122-79930	CLAMP, HOSE	2	2						W

(A=M/#20501)

Fig.68. HYD.OIL PIPING(BOOM)



				(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	172448-76400	TUBE, ARM	2	2						
2	1	172448-76450	TUBE, BUCKET	1	1						
3	1	172448-76470	TUBE, BUCKET	1	1						
4	1	172448-76550	PLATE,RUBBER	2							
4-1	1	172448-76690	TUBE, CLAMP	4	4					N	
(A=M/#20564)											
5	1	172156-78450-5	CLAMP, HOSE	2							
5-1	1	172448-76680	TUBE, CLAMP	2	2					N	
(A=M/#20564)											
6	1	172156-78510	SUPPORT, HOSE	2						Z	
(A=M/#20564)											
7	1	172156-78540	COLLAR, 9X18	4						Z	
(A=M/#20564)											
8	1	26013-080302	BOLT, M8X 30	4							
8-1	1	26013-080352	BOLT, M8X 35	4	4					N	
(A=M/#20564)											
9	1	26014-080162	BOLT, M8X 16	2	2						
10	1	172448-78420	HOSE H206BB042K	1	1						
11	1	172448-78430	HOSE H204BB085K	1	1						
12	1	172448-78440	HOSE H204BB076W	2	2						

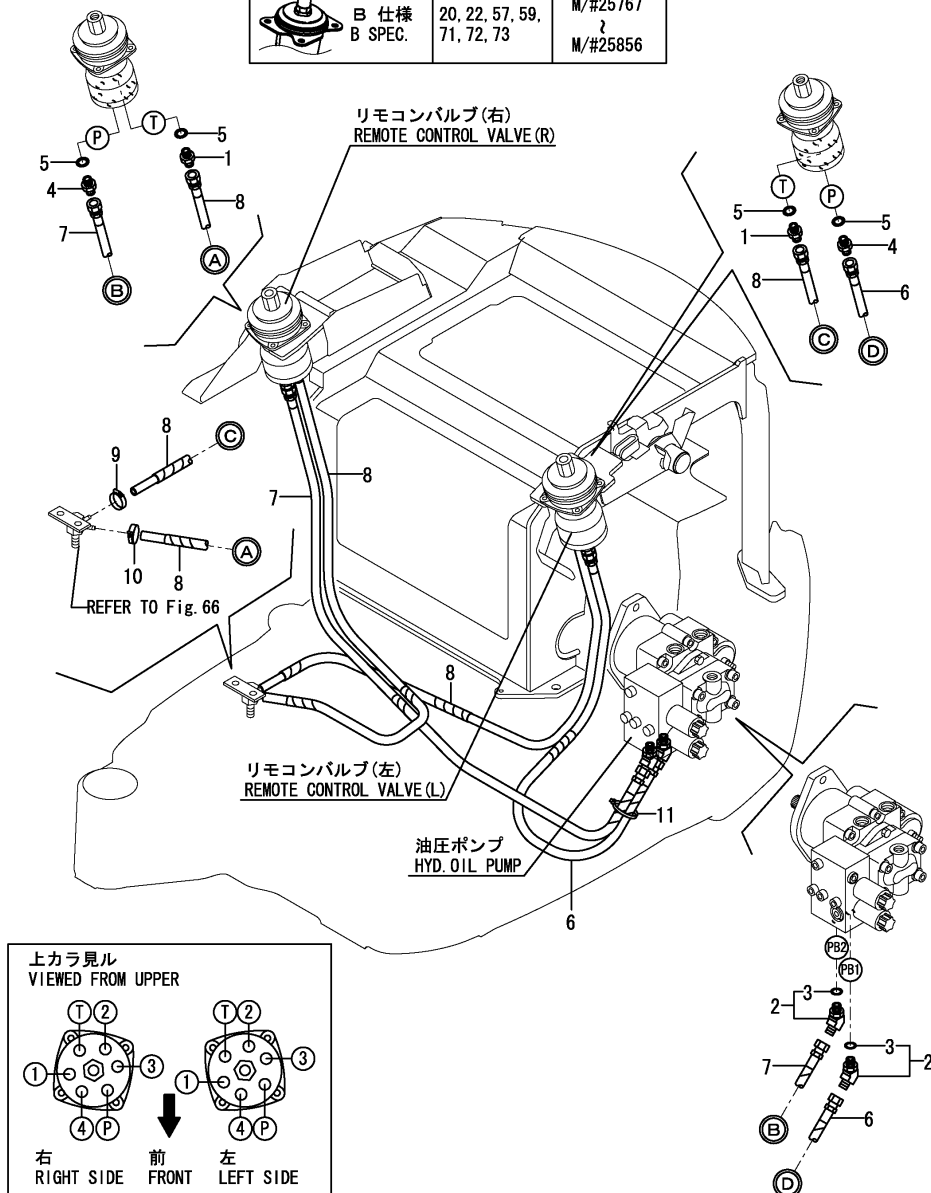


172448-08700
P T Oキットは
項目No. 88を参照下さい
P.T.O.KIT
is shown in Fig. 88

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820-4	STOP VALVE	2	2						
2	1	172638-76190	CONNECTOR,PF1/4PF3/8	1	1						
3	1	172157-76220	CONNECTOR, 1/4X3/8	1	1						
4	1	23871-040000	PLUG, R04	2	2						
5	1	24315-000110	O-RING, 1BP11.0	2	2						
6	1	26013-100252	BOLT, M10X 25	4	4						
7	1	172183-76250	PLATE (GREEN:97)	2	2						
8	1	172448-76600	TUBE, PTO	1	1						
9	1	172448-76620	TUBE, PTO	1	1						
10	1	172142-76950-4	CLAMP	2	2						
11	1	26013-120202	BOLT, M12X 20	2	2						
12	1	26013-120502	BOLT, M12X 50	2	2						
13	1	172448-78240	HOSE H206BV107K	1	1						
14	1	172448-78250	HOSE H206BC113K	1	1						
15	1	172448-78450	HOSE H208AB059W	2	2						
16	1	22117-100000	WASHER, 10	4	4						W
		(A=M/#26346)	(B=M/#26346)								

Fig.70. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : A-SPEC.)

リモコンパルプ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A 仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B 仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 ~ M/#25856



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172123-76121	ADAPTER	2	2				
2	1	172173-76101	CONNECTOR ASSY	2	2				
3	2	24315-000110	O-RING, 1BP11.0	2	2				
4	1	172455-76220	CONNECTOR	2	2				
5	1	24315-000110	O-RING, 1BP11.0	4	4				
6	1	172448-78470	HOSE F403BB130S	1	1				
7	1	172448-78520	HOSE F403BB144S	1	1				
8	1	172455-78820	HOSE G804BY105S	2	2				
9	1	23000-013000	CLAMP, 13	1	1				
10	1	23000-013000	CLAMP, 13	1	1				
11	1	172122-79930	CLAMP, HOSE	1	1				

Fig.71. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : B-SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-76040	BOLT, PIPE JOINT	2	2						
2	1	172173-76101	CONNECTOR ASSY	2	2						
3	2	24315-000110	O-RING, 1BP11.0	2	2						
4	1	172151-76030	BOLT, PIPE JOINT	2	2						
5	1	24315-000180	O-RING, 1BP18.0	8	8						
6	1	172448-79310	HOSE F404BW149S	1	1						
7	1	172448-79320	HOSE F404BW135S	1	1						
8	1	172448-79330	HOSE G604WY109	2	2						
9	1	23000-013000	CLAMP, 13	1	1						
10	1	23000-013000	CLAMP, 13	1	1						
11	1	172122-79930	CLAMP, HOSE	1	1						

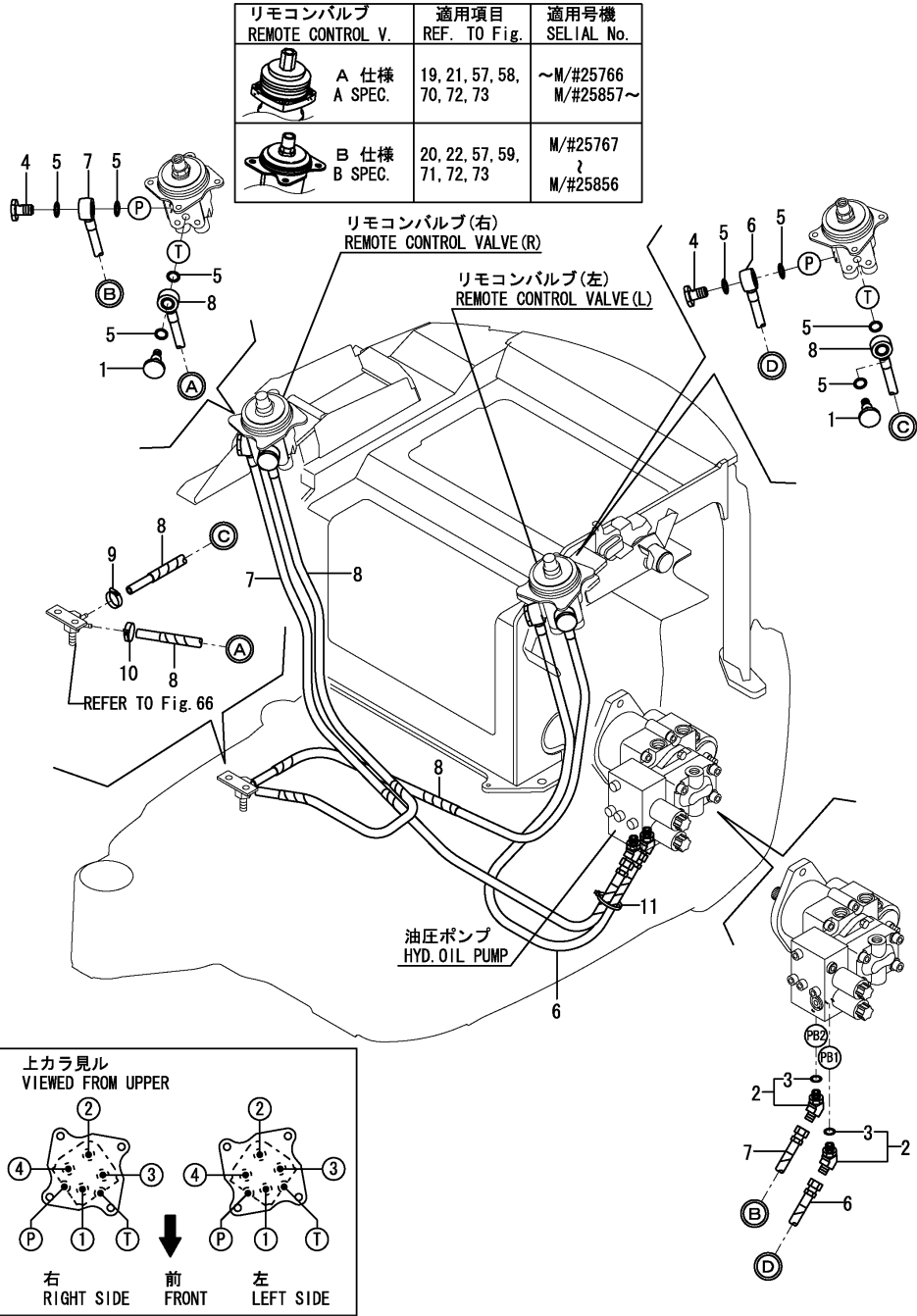
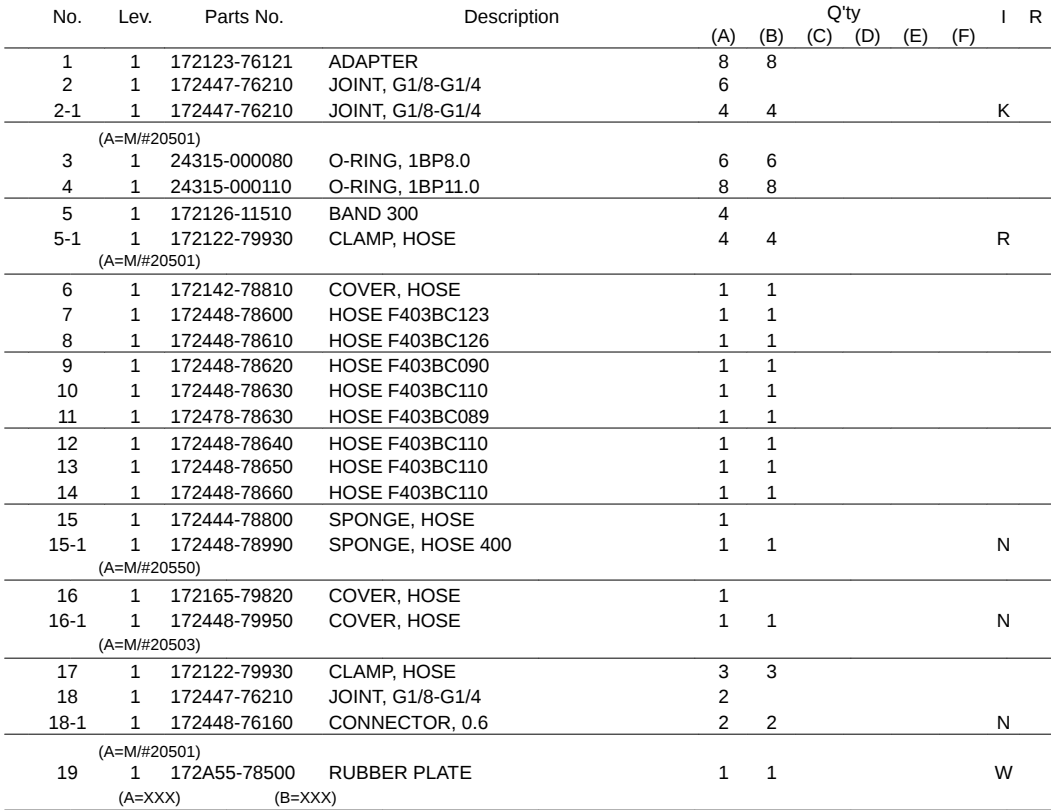


Fig.72. CONTROL PIPING(REMOTE CONTROL V. - CONTROL V. : STD SPEC.)

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



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

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Fig.73. CONTROL PIPING(REMOTE CONTROL V. - ROTARY V. : 4-WAY SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

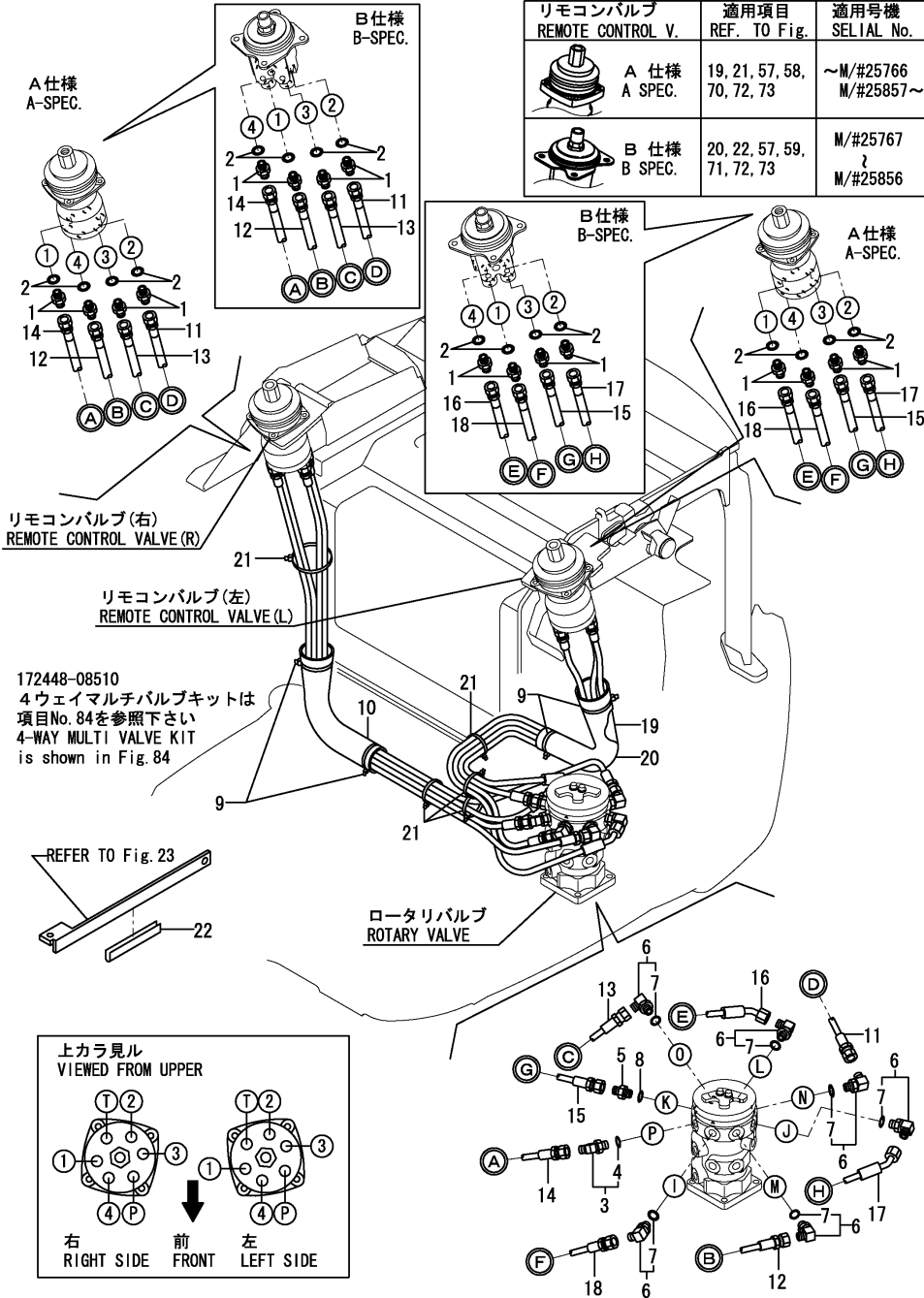
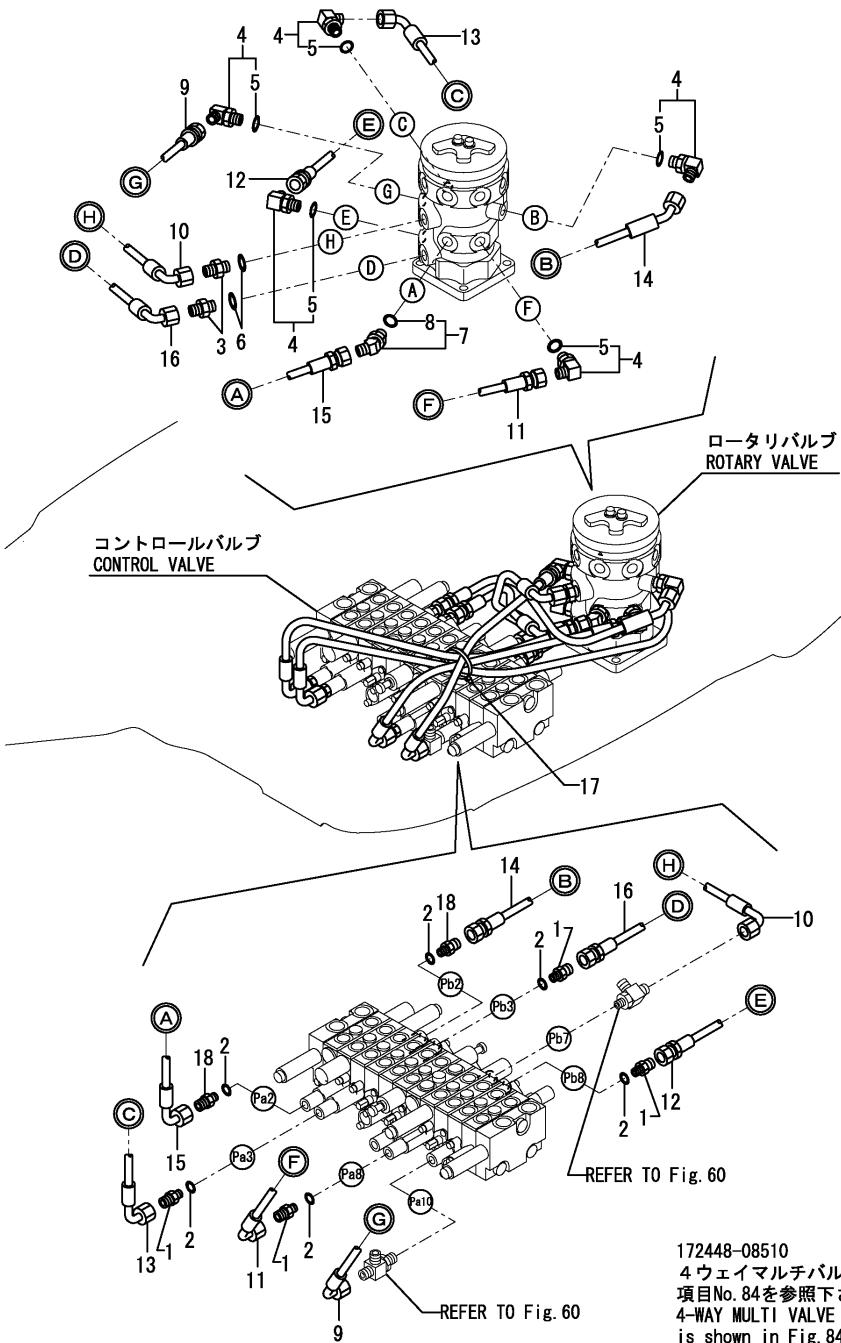


Fig.74. CONTROL PIPING(ROTARY VALVE - CONTROLE VALVE : 4-WAY SPEC.)

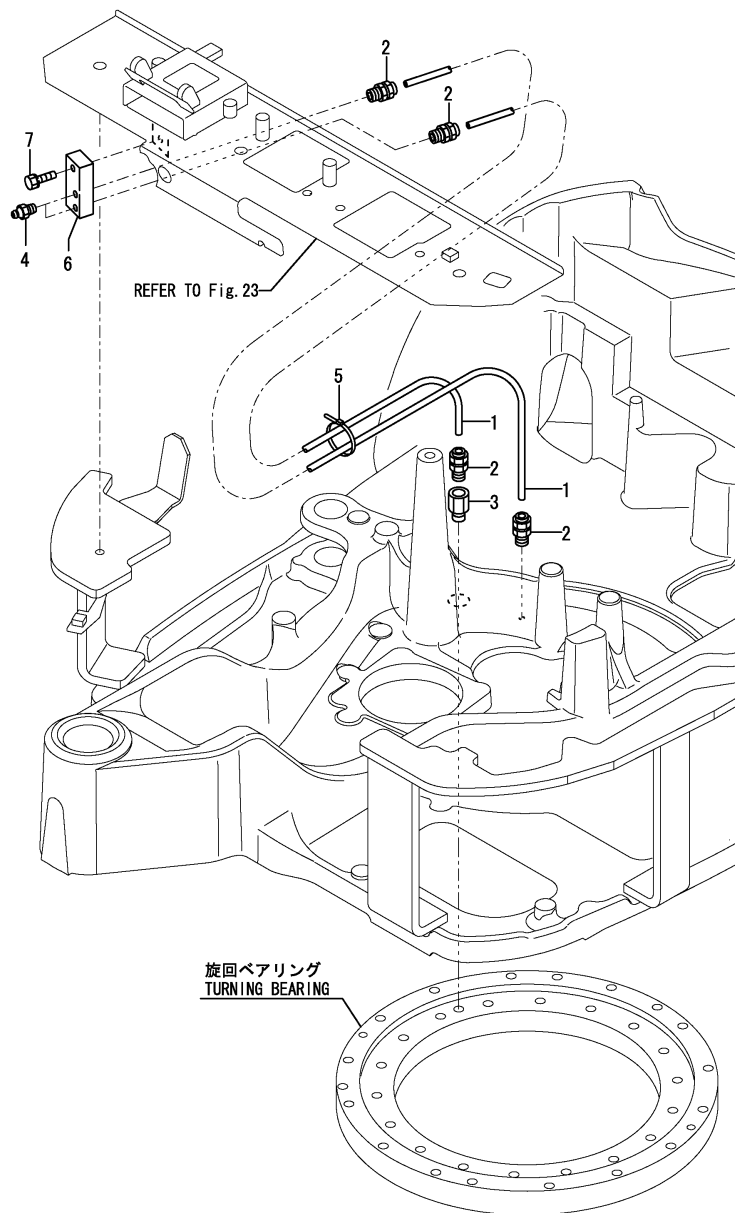
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172447-76210	JOINT, G1/8-G1/4	6							
1-1	1	172447-76210	JOINT, G1/8-G1/4	4							K
(A=M/#20501)											
2	1	24315-000080	O-RING, 1BP8.0	6							
3	1	172123-76121	ADAPTER	2							
4	1	172141-76180	CONNECTOR ASSY	5							
5	2	24315-000110	O-RING, 1BP11.0	5							
6	1	24315-000110	O-RING, 1BP11.0	2							
7	1	172173-76101	CONNECTOR ASSY	1							
8	2	24315-000110	O-RING, 1BP11.0	1							
9	1	172448-78530	HOSE F403BC042	1							
10	1	172448-78540	HOSE F403CC027	1							
11	1	172448-78550	HOSE F403BC045	1							
12	1	172448-78560	HOSE F403BB030	1							
13	1	172448-78570	HOSE F403CC072S	1							
14	1	172448-78580	HOSE F403BE052	1							
15	1	172448-78590	HOSE F403BC050	1							
16	1	172448-78680	HOSE F403BC030	1							
17	1	172122-79930	CLAMP, HOSE	1							
18	1	172447-76210	JOINT, G1/8-G1/4	2							
18-1	1	172448-76160	CONNECTOR, 0.6	2							N
(A=M/#20501)											

Fig.75. GREASING



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH FIG.NO.22
REF.NO.23-1.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

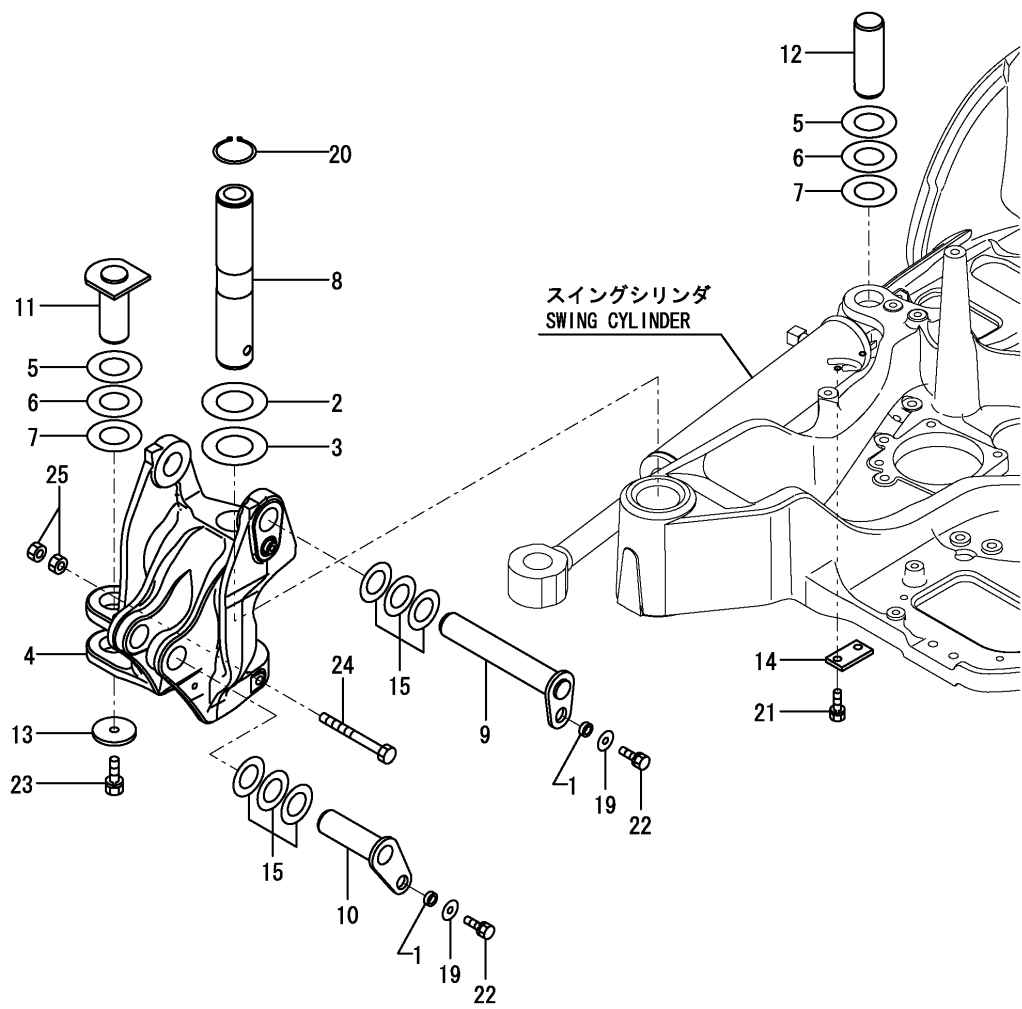
(D)=
(E)=
(F)=

[illegible]

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

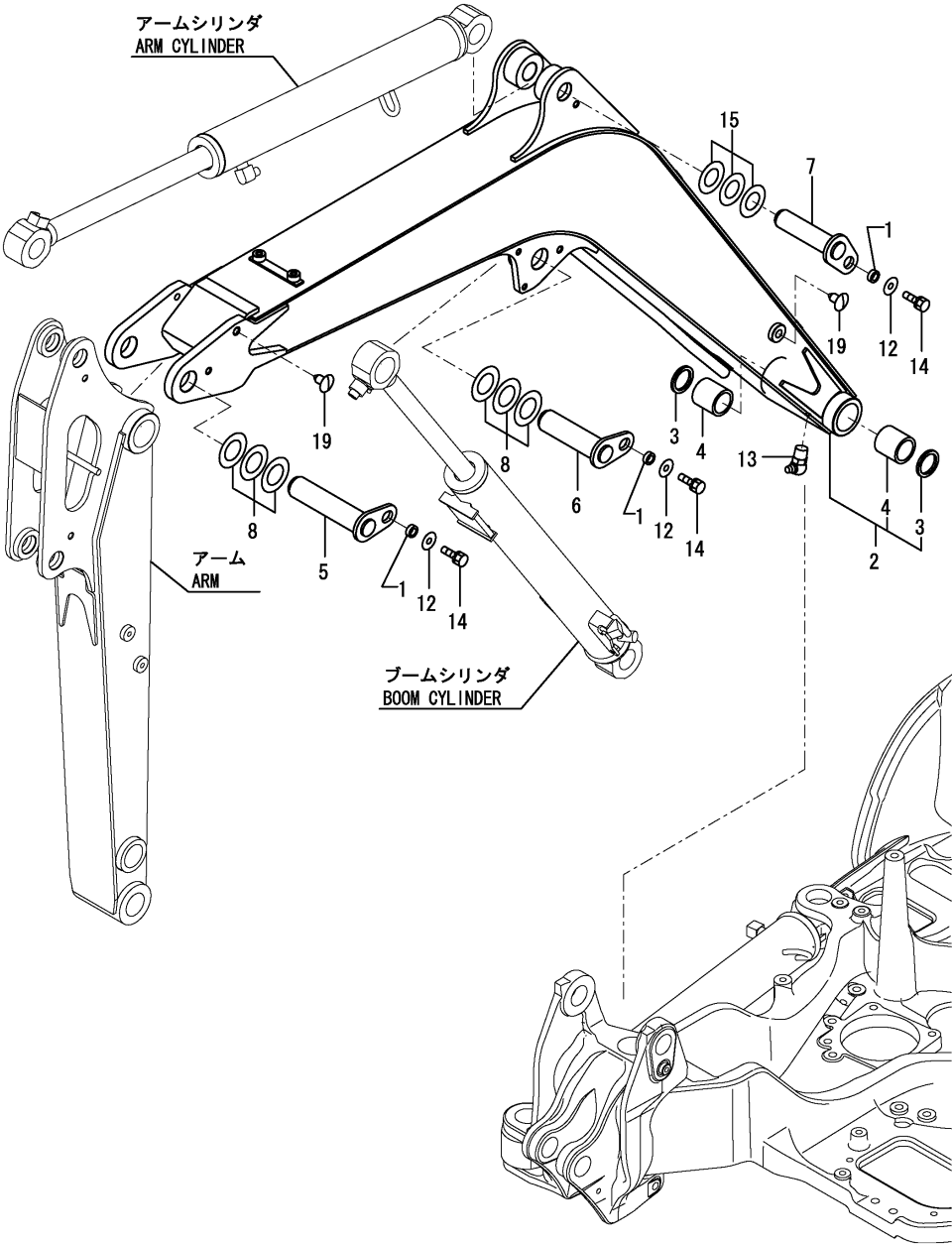
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Fig.76. BOOM BRACKET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172173-81700	SHIM, 50X90X0.8	1	1						
2-1	1	172165-82530	SHIM	1	1						R
(A=M/#21434) (B=M/#21434)											
3	1	172173-81710	SHIM, 50X90X0.5	1	1						
3-1	1	172165-82520	SHIM	1	1						R
(A=M/#21434) (B=M/#21434)											
4	1	172448-82300	BRACKET,BOOM(GREEN97	1							
4-1	1	172448-82301	BRACKET,BOOM(GREEN97	1	1						N
(A=M/#20550)											
5	1	172165-82580	SHIM	2	2						
6	1	172165-82590	SHIM	2	2						
7	1	172165-82600	SHIM	2	2						
8	1	172448-82650	PIN 50X282	1	1						
9	1	172448-82670	PIN 35X217	1	1						
10	1	172448-82730	PIN 35X110	1	1						
11	1	172448-82880	PIN 40X96	1	1						
12	1	172448-82900	PIN 40X120	1	1						
13	1	172146-82910	SPACER	1	1						
14	1	172117-83970-1	PLATE (C)	1	1						
15	1	172141-84601	SHIM	2	2						
19	1	22157-100000	WASHER, 10	2	2						
20	1	22242-000500	RING, 50	1	1						
21	1	26013-100202	BOLT, M10X 20	2	2						
22	1	26013-100252	BOLT, M10X 25	2	2						
23	1	26013-120252	BOLT, M12X 25	1	1						
24	1	26116-121302	BOLT, M12X130 PLATED	1	1						
25	1	26756-120002	NUT, LOCK M12	2	2						

Fig.77. BOOM



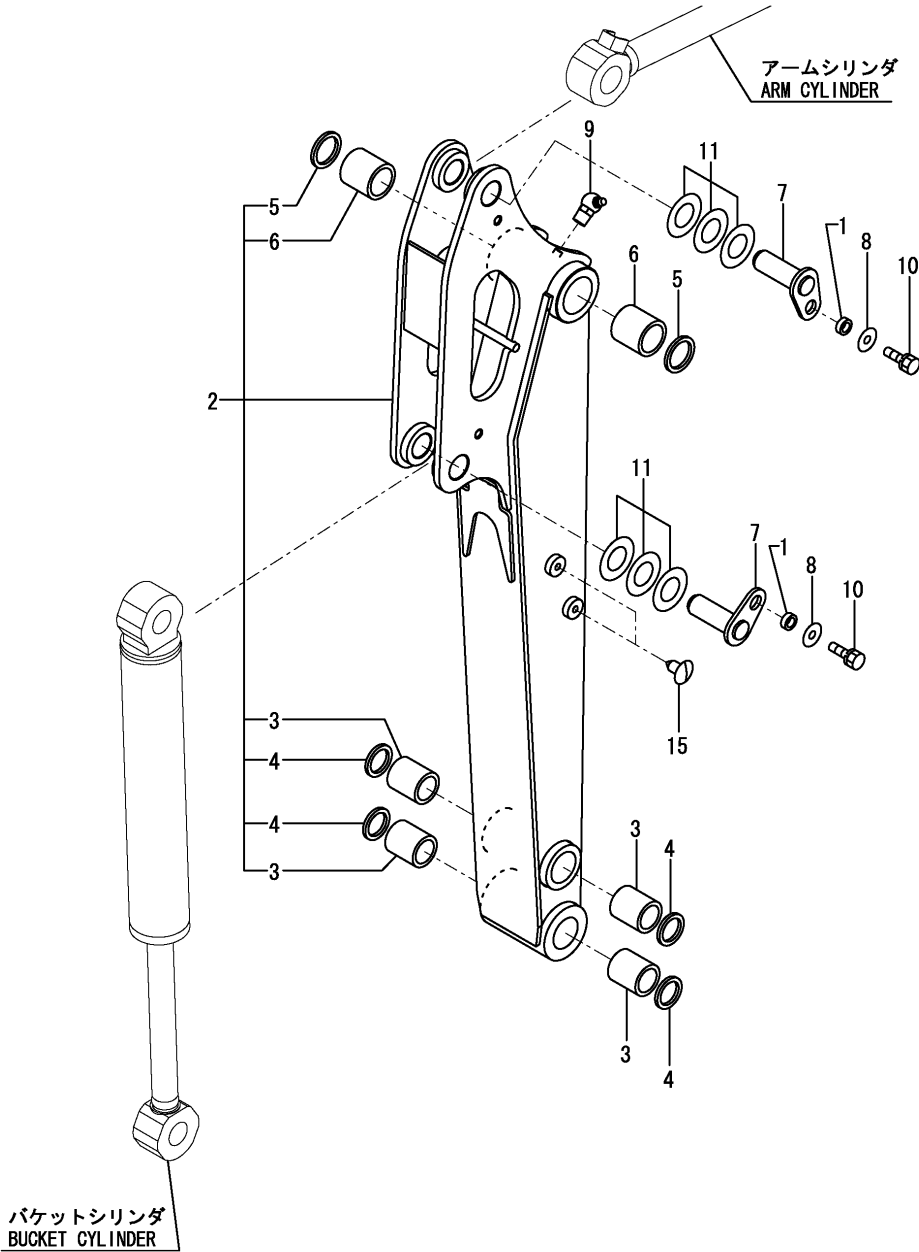
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	3	3						
2	1	172448-81100	BOOM ASSY (GREEN:97)	1	1						
3	2	172448-81610	SEAL, DUST 35X45X4	2	2						
4	2	172141-82270	BUSH 35 45	2	2						
5	1	172448-82700	PIN 35X155	1	1						
6	1	172448-82760	PIN 35X127	1	1						
7	1	172448-82790	PIN 30X121	1	1						
8	1	172141-84601	SHIM	2	2						
12	1	22157-100000	WASHER, 10	3	3						
13	1	24761-050000	NIPPLE, GREASE C	1	1						
14	1	26013-100252	BOLT, M10X 25	3	3						
15	1	933160-06711	SHIM ASSY	1	1						
19	1	172183-81170	CLIP, TREE	4	4						1
19-1	1	172176-68210	CLIP, TREE	4	4					N	
(A=M/#26560) (B=M/#26560)											

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.

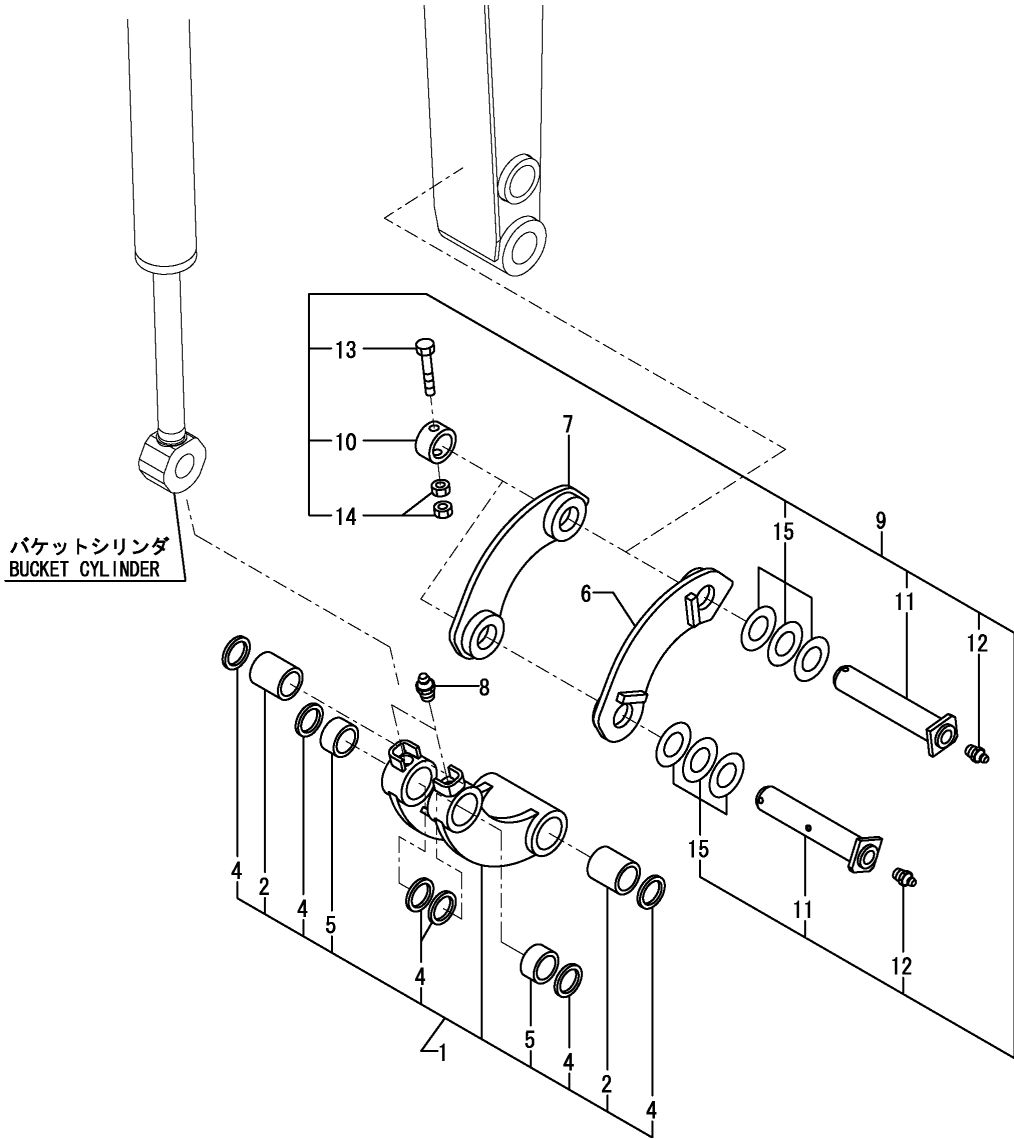
Fig.78. ARM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172448-81500	ARM ASSY	1	1						
3	2	172137-81300	BUSH 30X45, PIN	4	4						
4	2	172448-81600	SEAL, DUST 30X40X4	4	4						
5	2	172448-81610	SEAL, DUST 35X45X4	2	2						
6	2	172141-82270	BUSH 35 45	2	2						
7	1	172448-82820	PIN 30X87	2	2						
8	1	22157-100000	WASHER, 10	2	2						
9	1	24761-040000	NIPPLE, GREASE B	1	1						
10	1	26013-100252	BOLT, M10X 25	2	2						
11	1	933160-06711	SHIM ASSY	2	2						
15	1	172183-81160	CLIP, TREE	4	4						1

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.

Fig.79. BUCKET ARM & LINK

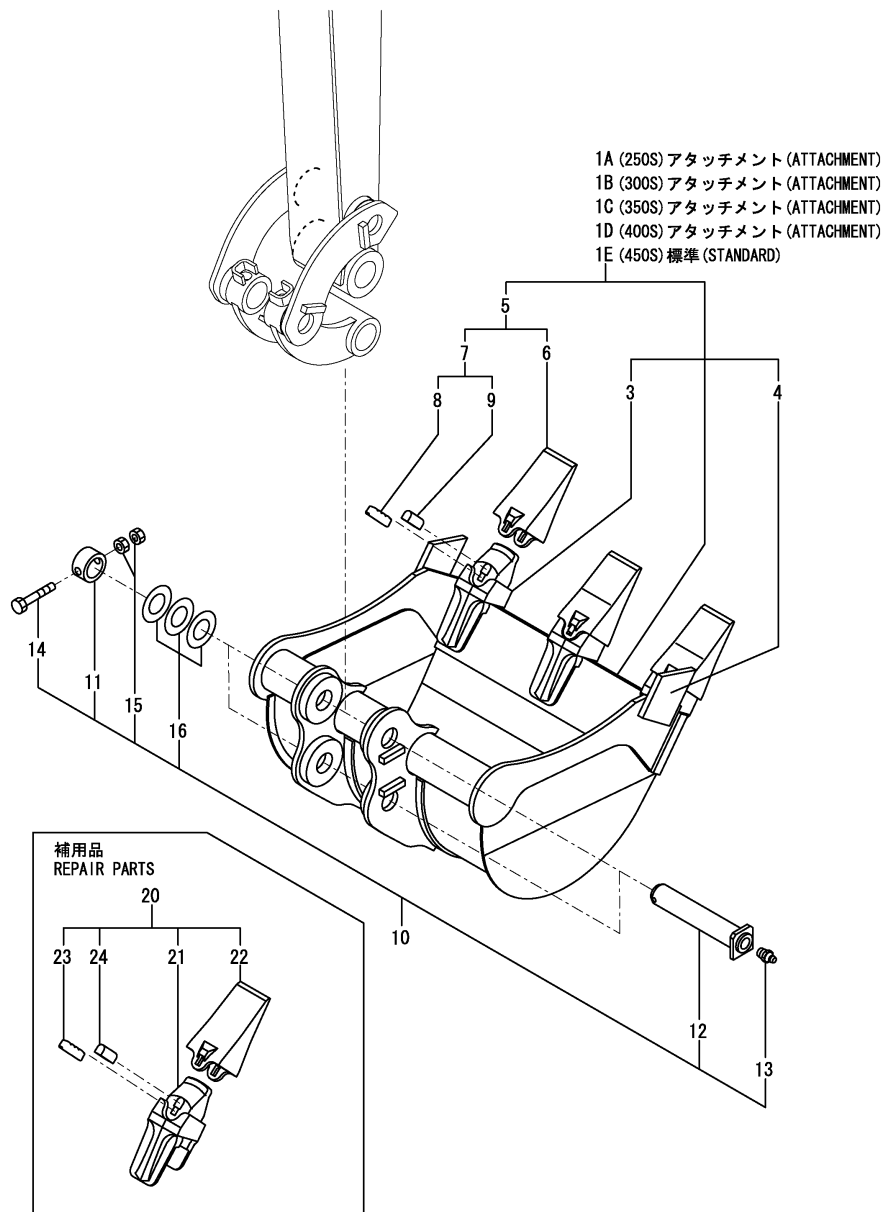


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-84404-1	LINK ASSY,BUCKET(97)	1							
1-1	1	172448-81400	LINK, BUCKET (97)	1	1						R
(A=M/#21064)											
2	2	172137-81300	BUSH 30X45, PIN	2	2						
4	2	172183-72290	SEAL, DUST 30X40X4.2	6							
4-1	2	172448-81600	SEAL, DUST 30X40X4	6	6						R
(A=M/#20902)											
5	2	172137-84451	BUSH	2	2						
6	1	172448-84500	ARM, BUCKET	1	1						
7	1	172448-84510	ARM, BUCKET	1	1						
8	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
9	1	172137-99451	PIN KIT, BUCKET	2	2						
10	2	172149-83220	COLLAR, 30X42.7X22	2	2						
11	2	172137-86251	PIN, BUCKET	2	2						
12	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
13	2	26116-100602	BOLT, M10X 60 PLATED	2	2						
14	2	26716-100002	NUT, M10	4	4						
15	2	933160-06711	SHIM ASSY	2	2						

Fig.80. BUCKET(S-TYPE)



(1)REPAIR KIT.
(2)STANDARD SPEC.
(3)ATTACHMENT.

(A)=VIO15-2
(B)=VIO15-2
(C)=VIO15-2

(D)=VIO15-2
(E)=VIO15-2
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1A	1	172448-82100	BUCKET ASSY	1							3
1B	1	172448-82140	BUCKET ASSY		1						3
1C	1	172448-82180	BUCKET ASSY			1					3
1D	1	172448-82220	BUCKET ASSY				1				3
1E	1	172448-82400	BUCKET ASSY, 450S					1			2
3	3	172448-82530	ADAPTER	2	3	3	3	3			
4	3	172137-86240-4	CUTTER, SIDE	2	2	2	2	2			
5	2	172448-82950-1	TOOTH KIT, POINT	2	3	3	3	3			
6	3	172448-82570	TOOTH, POINT	2	3	3	3	3			
7	3	172448-82960	PIN ASSY, LOCK	2	3	3	3	3			
8	4	172448-82580	PIN, LOCK	2	3	3	3	3			
9	4	172448-82590	RUBBER, PIN	2	3	3	3	3			
10	1	172137-99451	PIN KIT, BUCKET	2	2	2	2	2			
11	2	172149-83220	COLLAR, 30X42.7X22	2	2	2	2	2			
12	2	172137-86251	PIN, BUCKET	2	2	2	2	2			
13	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2			
14	2	26116-100602	BOLT, M10X 60 PLATED	2	2	2	2	2			
15	2	26716-100002	NUT, M10	4	4	4	4	4			
16	2	933160-06711	SHIM ASSY	2	2	2	2	2			
20	1	772448-82530	TOOTH ASSY	2	3	3	3	3			1
21	2	172448-82530	ADAPTER	2	3	3	3	3			
22	2	172448-82570	TOOTH, POINT	2	3	3	3	3			
23	2	172448-82580	PIN, LOCK	2	3	3	3	3			
24	2	172448-82590	RUBBER, PIN	2	3	3	3	3			

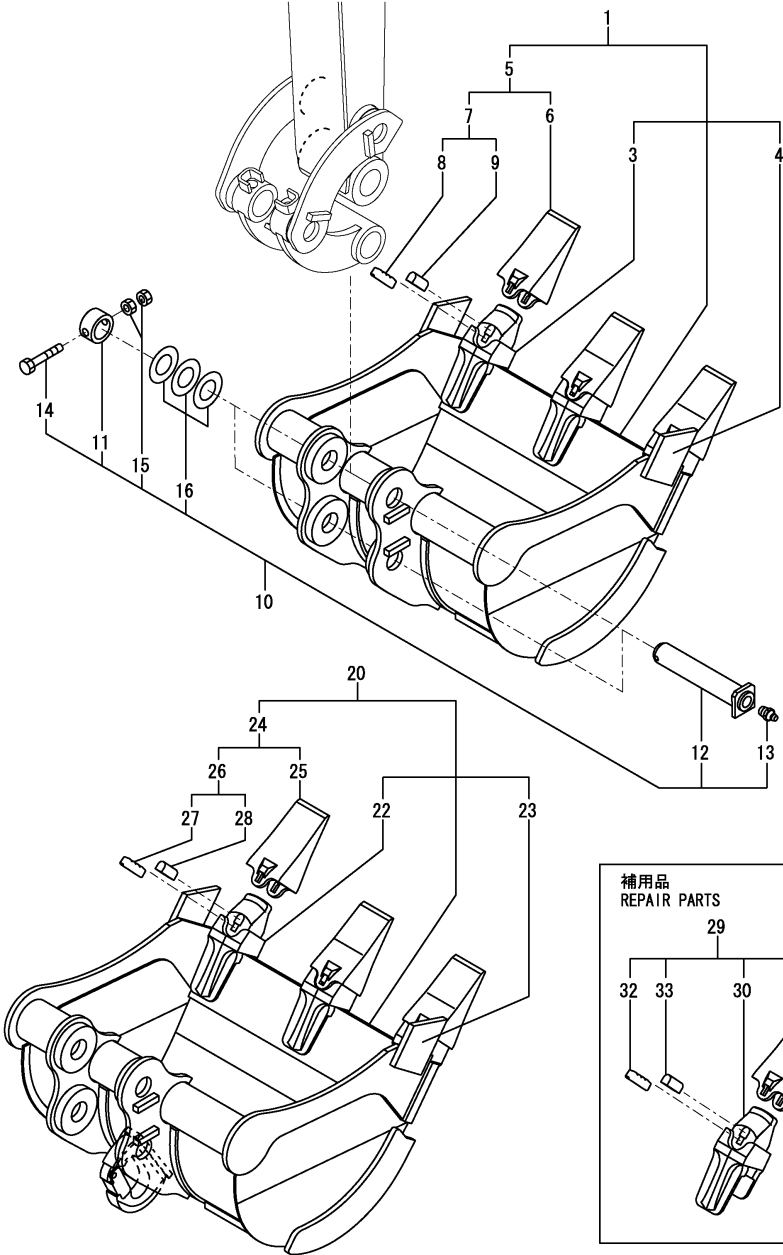
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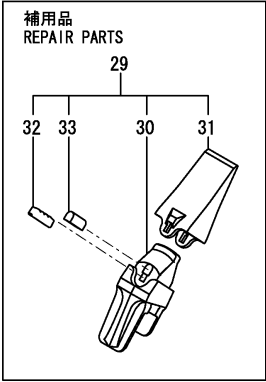
Fig.81. BUCKET(H-TYPE)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82910	BUCKET ASSY	1							
3	4	172448-82530	ADAPTER	3							
4	4	172137-86240-4	CUTTER, SIDE	2							
5	2	172448-82950-1	TOOTH KIT, POINT	3							
6	3	172448-82570	TOOTH, POINT	3							
7	3	172448-82960	PIN ASSY, LOCK	3							
8	4	172448-82580	PIN,LOCK	3							
9	4	172448-82590	RUBBER,PIN	3							
10	1	172137-99451	PIN KIT, BUCKET	2							
11	2	172149-83220	COLLAR, 30X42.7X22	2							
12	2	172137-86251	PIN, BUCKET	2							
13	2	24761-020000	NIPPLE, GREASE PT1/8	2							
14	2	26116-100602	BOLT, M10X 60 PLATED	2							
15	2	26716-100002	NUT, M10	4							
16	2	933160-06711	SHIM ASSY	2							
20	1	172448-82970	BUCKET ASSY	1							
22	4	172448-82530	ADAPTER	3							
23	4	172137-86240	CUTTER, SIDE	2							
24	2	172448-82950-1	TOOTH KIT, POINT	3							
25	3	172448-82570	TOOTH, POINT	3							
26	3	172448-82960	PIN ASSY, LOCK	3							
27	4	172448-82580	PIN,LOCK	3							
28	4	172448-82590	RUBBER,PIN	3							
29	1	772448-82530	TOOTH ASSY	3							1
30	2	172448-82530	ADAPTER	3							
31	2	172448-82570	TOOTH, POINT	3							
32	2	172448-82580	PIN,LOCK	3							
33	2	172448-82590	RUBBER,PIN	3							

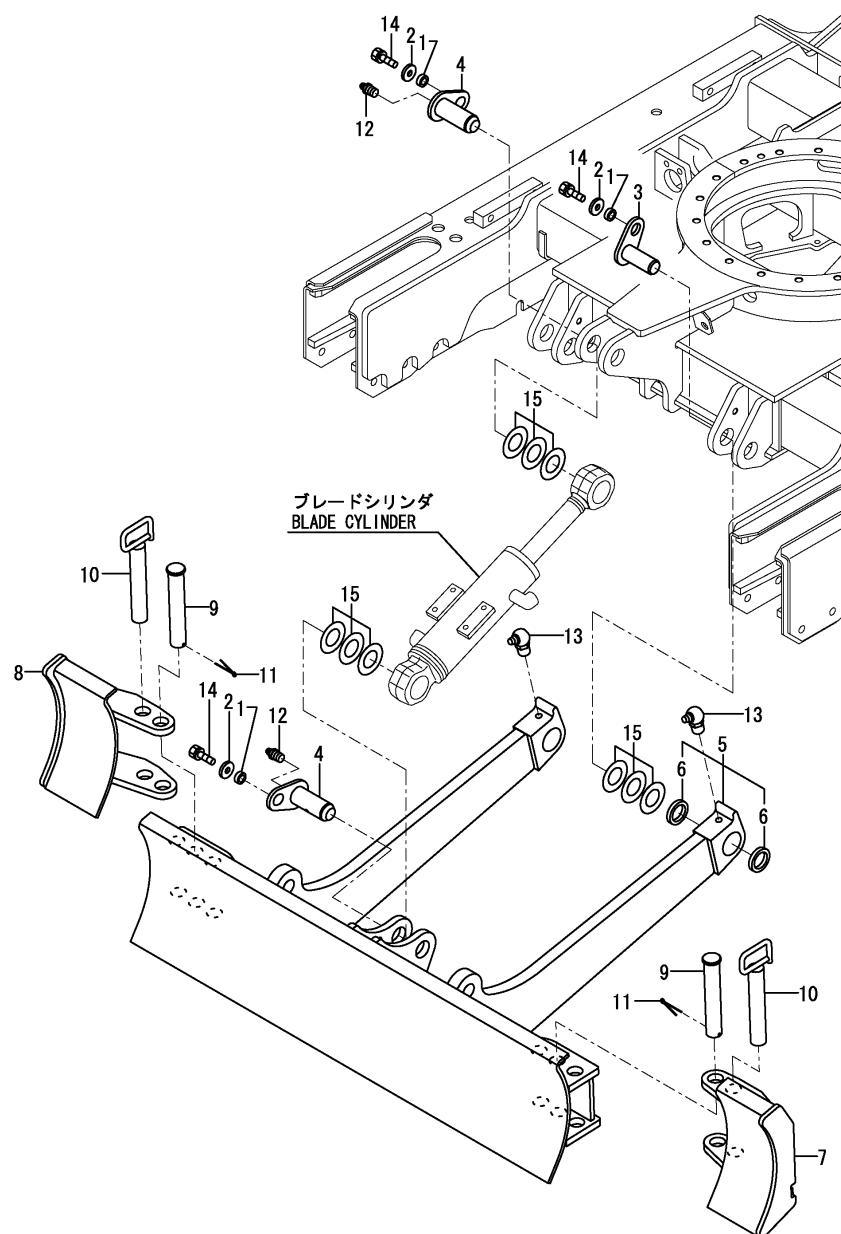


Remarks
(1)REPAIR KIT

Fig.82. BLADE

BLADE

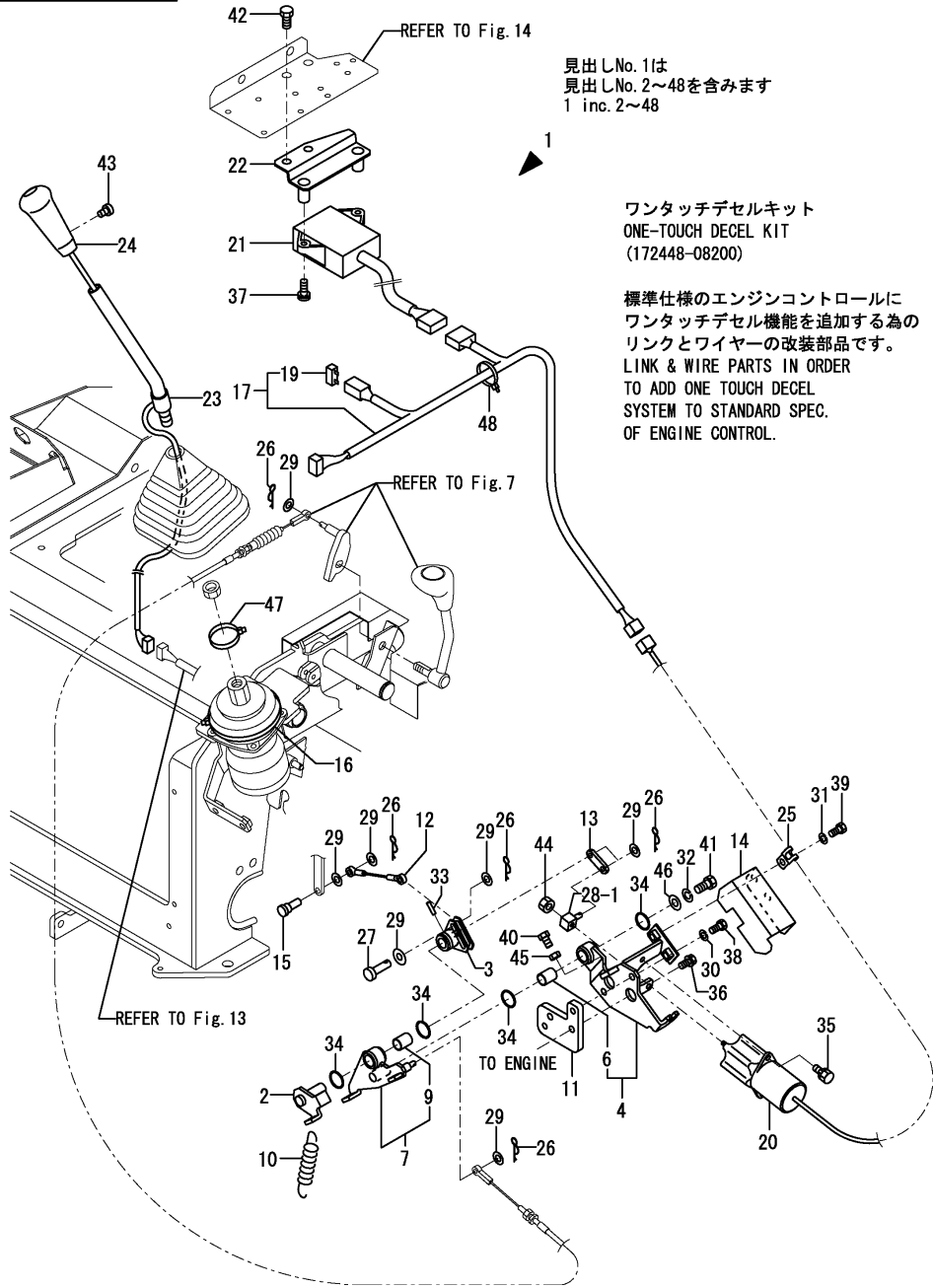
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	4	4						
2	1	172110-36010	COLLAR	4	4						
3	1	172137-94251	PIN 30X76	2	2						
4	1	172137-94271	PIN	2	2						
5	1	172448-94500	BLADE ASSY(GREEN:88)	1	1						
5-1	1	172448-94501	BLADE ASSY(GREEN:88)	1	1						N
(A=M/#25606)		(B=M/#25606)									
5-2	1	172448-94490	BLADE ASSY (88)	1	1						N
(A=XXX)		(B=XXX)									
6	2	172448-81600	SEAL, DUST 30X40X4	4	4						
7	1	172448-94600	BLADE,SIDE L(GREEN88	1							
7-1	1	172448-94601	BLADE,SIDE L(GREEN88	1	1						R
(A=M/#21267)		(B=M/#25606)									
7-2	1	172448-94602	BLADE ASSY,SIDE L(88	1	1						N
(A=M/#25606)		(B=M/#25606)									
8	1	172448-94610	BLADE,SIDE R(GREEN88	1							
8-1	1	172448-94611	BLADE,SIDE R(GREEN88	1	1						R
(A=M/#21267)		(B=M/#25606)									
8-2	1	172448-94612	BLADE ASSY, SIDE R	1	1						N
(A=M/#25606)		(B=M/#25606)									
9	1	172448-94700	PIN 25X143	2	2						
10	1	172448-94710	PIN 25	2	2						
11	1	22417-400400	PIN, COTTER 4.0X40	2	2						
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
13	1	24761-040000	NIPPLE, GREASE B	2	2						
14	1	26013-100252	BOLT, M10X 25	4	4						
15	1	933160-06711	SHIM ASSY	4	4						

Fig.83. ONE-TOUCH DECEL KIT(OPTIONAL)

P/C NEWS No:YOOK3792-1
PUBLISHED - 2007/06

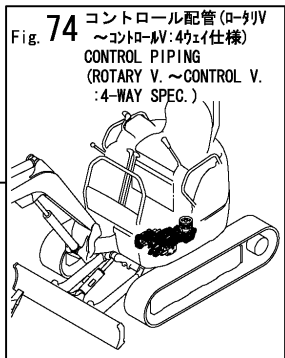
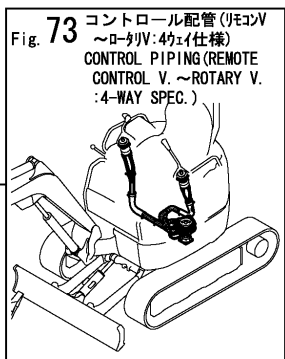
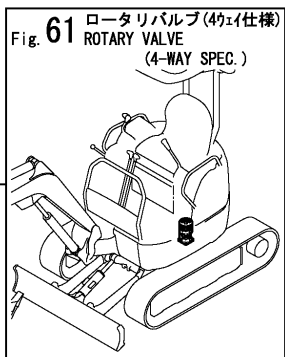


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08200	DECELERATE KIT	1							
2	2	172164-12200	SHAFT ASSY	1							
3	2	172175-12230	LINK A	1							
4	2	172183-12261	BASE ASSY	1							
6	3	24550-014200	BUSH, 14X20	1							
7	2	172183-12310	LINK B	1							
9	3	24550-014200	BUSH, 14X20	1							
10	2	172175-12350	SPRING, RETURN	1							
11	2	172183-12350	SPACER	1							
12	2	172175-12360	CABLE, ACCELERATOR	1							
13	2	172175-12370	PLATE	1							
14	2	172183-12381	COVER	1							
15	2	172113-12522	PIN	1							
16	2	172183-16560	CLIP, HOSE	1							
17	2	172448-16570	HARNESS ASSY, DECEL	1							
19	3	29420-200000	FUSE, B 20A	2							
20	2	172162-17180	SOLENOID	1							
21	2	172190-17220	RELEY, TIMER	1							
22	2	172448-17310	BRACKET ASSY, RELAY	1							
23	2	172448-45060	LEVER L, DECEL.	1							
24	2	172176-47870	KNOB	1							
25	2	194440-51620	CLAMP	1							
26	2	1C6281-52310	PIN, SNAP 6	6							
27	2	1A3809-56915	PIN, 6X20	1							
28-1	2	119620-66820	JOINT	1							
28-2	2	172A21-12250	JOINT	1							N
		(A=XXX)	(B=XXX)								
29	2	22137-060000	WASHER, 6	8							
30	2	22217-080000	WASHER, SPRING 8	2							
31	2	22217-080000	WASHER, SPRING 8	2							
32	2	22217-100000	WASHER, SPRING 10	1							
33	2	22351-040025	PIN, SPRING 4.0X25	1							
34	2	24311-000210	O-RING, 1AP21.0	4							
35	2	26013-060162	BOLT, M6X 16	2							
36	2	26013-080202	BOLT, M8X 20	2							
37	2	26022-060252	SCREW, M6X25	2							
38	2	26116-080162	BOLT, M8X 16 PLATED	2							
39	2	26116-080162	BOLT, M8X 16 PLATED	2							
40	2	26116-080252	BOLT, M8X 25 PLATED	1							
41	2	26116-100162	BOLT, M10X 16 PLATED	1							
42	2	26116-100162	BOLT, M10X 16 PLATED	2							
43	2	26587-040062	SCREW, M4X 6	1							
44	2	26716-060002	NUT, M6	1							
45	2	26756-080002	NUT, LOCK M8	1							
46	2	933166-17730	WASHER	1							
47	2	933168-55770	BAND 146	1							
48	2	933168-55770	BAND 146	2							

Fig.84. 4-WAY MULTI VALVE KIT(OPTIONAL)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



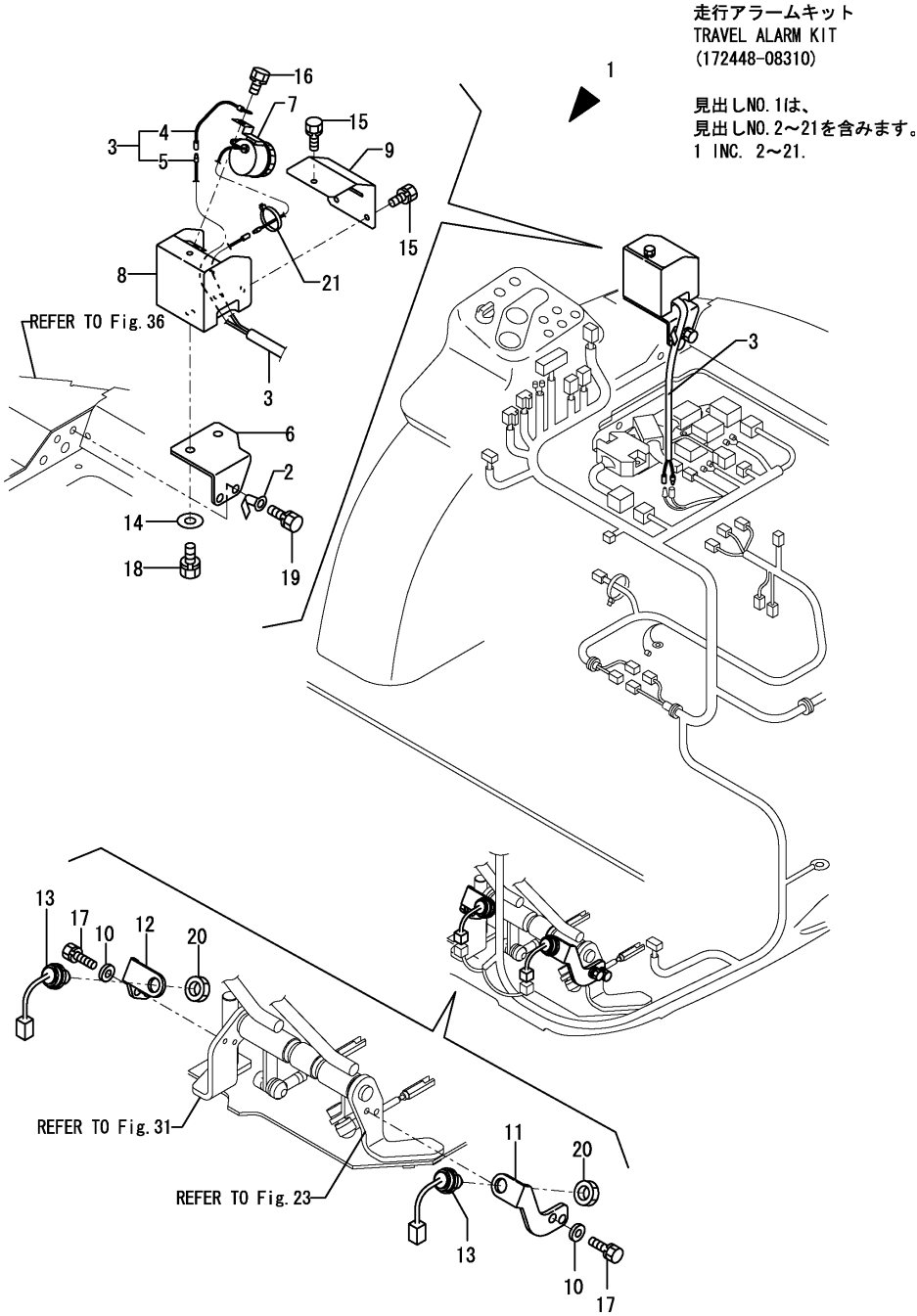
1
4ウェイマルチバルブキット
4-WAY MULTI VALVE KIT
(172422-08510)

標準操作パターン(JIS. ヤンマーパターン)を
ワンタッチで他社パターンに変更可能な
切替えバルブ等を追加する為の部品です。
CUTOFF VALVE PARTS, ETC. WHICH CAN CHANGE
FROM STANDARD OPERATION PATTERN
(JIS. YANMAR PATTERN) TO ANOTHER CORPORATION
PATTERN PROMPTLY.

KITコードの子部品は、各項目を参照ください。
INNER PARTS OF KIT CODE ARE
SHOWN IN THESE FIGURE.

[illegible]

Fig.85. TRAVEL ALARM KIT(OPTIONAL)



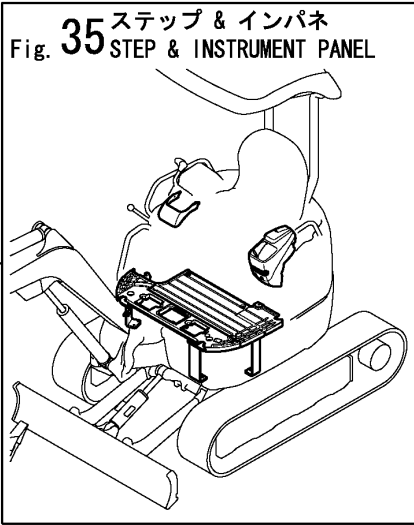
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08310	ALARM KIT, TRAVEL	1							
2	2	172126-16540	CLAMP	1							
3	2	172448-16600	HARNESS D CMP	1							
4	3	172478-16580	HARNESS,ALARM	1							
5	3	172448-16590	HARNESS,D	1							
6	2	172448-17250	BRACKET, ALARM	1							
7	2	172511-17351	BUZZER, BACK	1							
8	2	172472-17400	CASE ASSY, ALARM	1							
9	2	172472-17470	COVER, ALARM CASE	1							
10	2	172157-45840	WASHER 8X18X4	4							
11	2	172448-45880	STAY	1							
12	2	172448-45890	STAY	1							
13	2	194464-52190	SWITCH, SAFETY START	2							
14	2	22137-100000	WASHER, 10	2							
15	2	26013-060122	BOLT, M6X 12	3							
16	2	26013-080122	BOLT, M8X 12	1							
17	2	26013-080252	BOLT, M8X 25	4							
18	2	26013-100252	BOLT, M10X 25	2							
19	2	26013-100252	BOLT, M10X 25	2							
20	2	26776-180002	NUT, LOCK M18	2							
21	2	933168-55770	BAND 146	1							

Fig.86. 2-WAY MULTI VALVE KIT(OPTIONAL)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08520	2WAY MULTI-VALVE KIT	1							



1

2ウェイマルチバルブキット
2-WAY MULTI VALVE KIT
(172448-08520)

標準操作パターン(JIS. ヤンマーパターン)をワンタッチで小松パターンに変更可能な切替バルブ等を追加する為の部品です。
CUTOUT VALVE PARTS, ETC. WHICH CAN CHANGE FROM STANDARD OPERATION PATTERN (JIS. YANMER PATTERN) TO KOMATSU PATTERN PROMPTLY.

A仕様 リモコンバルブ用
A-SPEC. REMOTE CONTROL VALVE.

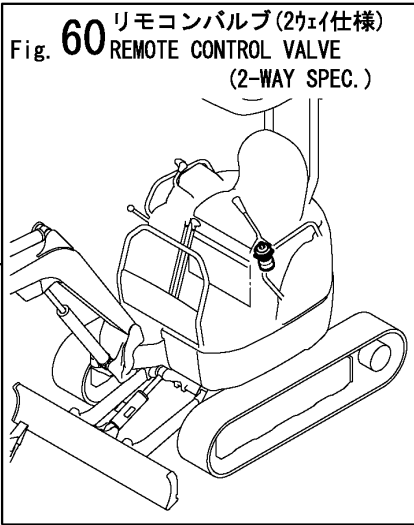


Fig.87. C,D PATTERN KIT(OPTIONAL)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08530	PATTERN KIT	1							
2	2	172141-03160	LABEL, OPERATION(C)	1							
3	2	172141-03390	LABEL	1							
4	2	172478-78490	HOSE F403BC125S	2							

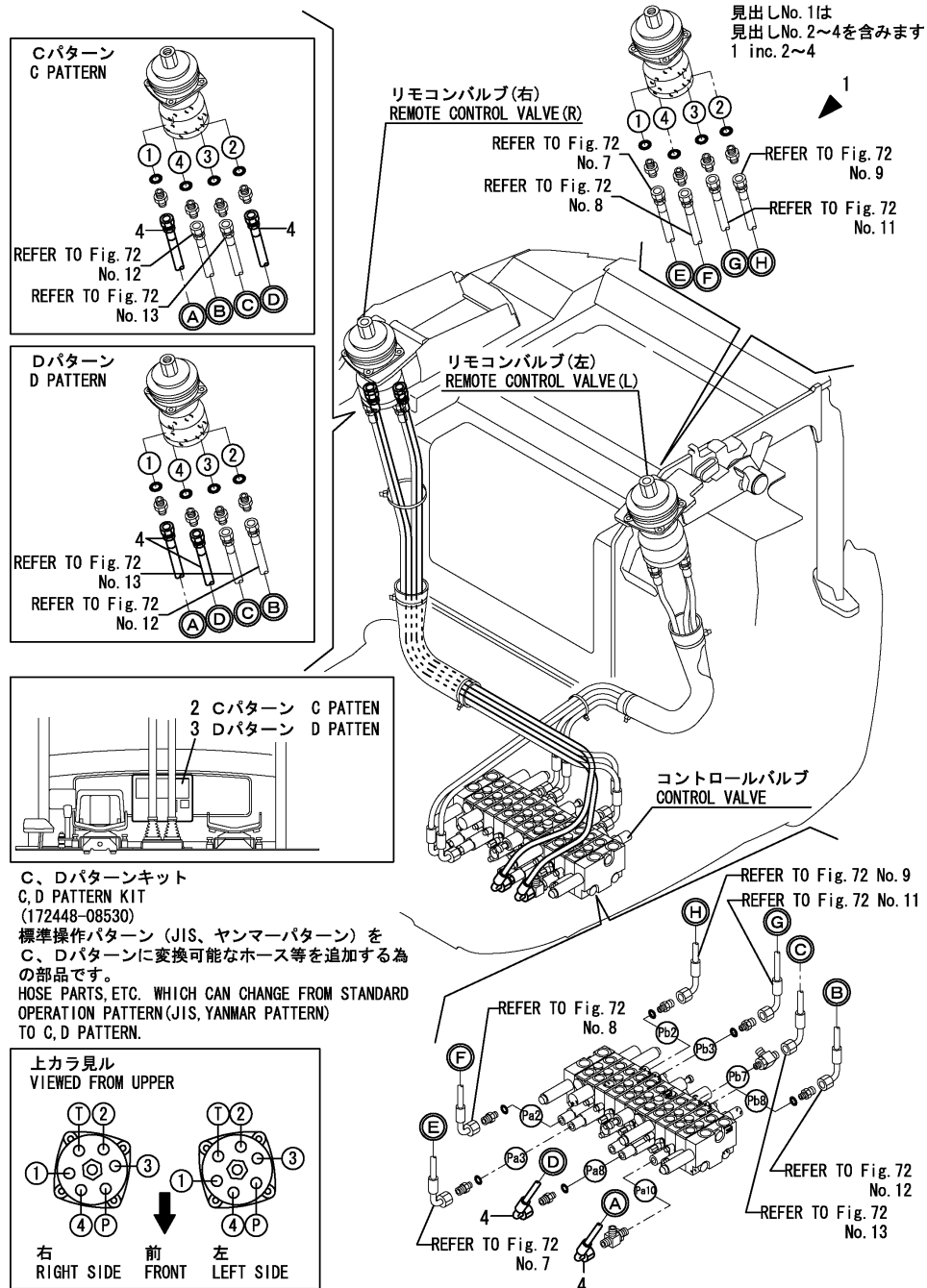
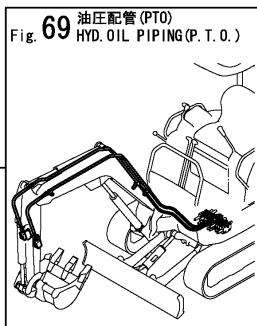


Fig.88. P.T.O. KIT(OPTIONAL)

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



PTO配管のまったく付いていない
標準仕様に配管、リンク及び
カバーを加える改装部品です。
PARTS IN ORDER TO ADD PIPIG, LINK
& COVER TO STANDARD SPEC. WITH
NO P.T.O. PITING.

[illegible]

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	11	42
102103-55520	11	26
		37
103954-13201	6	5
104200-11920	10	13
104200-55321	11	33
104200-55330	11	23
		34
104200-55341	11	35
104200-55750	11	30
		43
105027-12580	6	15
106990-44660	10	29 -1
110250-55610	11	27
		38
119225-52102	11	21
119233-13600	6	6
119247-77100	14	39
119258-12530	6	12
119620-66820	83	28 -1
119650-77910	14	42
119653-77710	14	40
119655-12560	6	14
119808-12540	6	13
119810-55340	11	24
119810-55650	11	29
119813-44510	9	19
119833-55620	11	22
121250-49121	9	3
121250-55620	11	28
121254-55510	11	25
121256-44600	9	26
121257-55720	11	39
121257-55731	11	40
121470-44540	1	39
124064-55510	11	36
124450-44550	9	25
124701-11911	6	4
124764-44810	2	44
124764-44920	2	45
124766-59050	9	27
	10	36
	11	47
129155-77810	14	41
129211-77920	14	45
129335-55700	11	32
171081-55910	11	44
172010-01640	76	1
	77	1
	78	1

Parts No.	Fig. No.	Ref. No.
172010-01640	82	1
172068-28490	29	2
172110-36010	82	2
172113-12522	7	6
	83	15
172116-46630	29	12
172117-83970-1	76	14
172122-37844	17	12
		31
172122-46590	23	34
	27	32
	30	10
172122-70350	47	15
		16
172122-73430	47	27
172122-73470	47	41
172122-73480	47	42
172122-79930	63	12
	64	1
		2
	65	24
	67	22
	70	11
	71	11
	72	5 -1
		17
	73	9 -1
		21
	74	17
172123-76121	64	3
		4
		5
	65	1
		2
		3
	67	2
	70	1
	72	1
	73	1
		5
	74	3
172124-14620	10	27
172124-46200	21	17
	22	17
	23	14
		21
	27	9
	30	9
172124-76100	63	2
172125-03950	2	43

Parts No.	Fig. No.	Ref. No.
172126-11510	11	54
	13	1
	72	5
	73	9
172126-16540	6	19
	7	7
		7 -1
	9	38
	11	19
	13	4
	25	11
	85	2
172137-14610	11	2
172137-16560	9	34
	11	20
	13	6
172137-37801	17	11
		30
172137-37850	17	15
		34
172137-70490	48	10
172137-70570	48	11
172137-70580	48	12
172137-74520	51	11
		27
	52	24
	53	8
		23
	54	24
	55	8
		21
	56	8
172137-81300	78	3
	79	2
172137-84404-1	79	1
172137-84451	79	5
172137-86240	81	23
172137-86240-4	80	4
	81	4
172137-86251	79	11
	80	12
	81	12
172137-94251	82	3
172137-94271	82	4
172137-99451	79	9
	80	10
	81	10
172141-03160	87	2
172141-03202	1	19
	3	5

Parts No.	Fig. No.	Ref. No.
172141-03390	87	3
172141-41340	23	1
172141-41360	27	2
	28	4
	29	20
172141-41370	21	2
	22	2
	23	3
		6
		19
	27	7
	30	7
172141-50890	32	8
172141-64350	36	13
172141-64370	36	4
172141-70110	47	10
172141-70150	47	12
172141-70160	47	13
172141-70290	47	70
172141-70310	47	71
172141-70370	47	5
		90
172141-70410	47	81
172141-70420	47	82
172141-70440	47	83
		91
172141-70450	47	6
172141-72561	41	9
		16
172141-72580	43	14
	45	14
	46	14
172141-76180	64	11
	65	5
	73	6
	74	4
172141-76920	64	14
		21
172141-77260	48	36
172141-77400	48	51
172141-77800	75	2
172141-82270	77	4
	78	6
172141-84601	76	15
	77	8
172142-03302	1	30
	3	12
172142-62300	35	23
172142-72560	44	8
172142-73800	49	3

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172142-76950-4	69	10
172142-78810	72	6
	73	10
172146-12150	7	3
172146-45630	27	30
172146-72211	41	18
172146-82910	76	13
172147-03210	1	21
	2	8
172147-70120	47	11
172147-70220	47	3
172147-76180	67	3
172148-70301	47	4
		14
172148-71580	47	49
172148-73350	48	13
172148-73870	49	5
172149-57610	33	9
172149-57620	33	10
172149-57630	33	11
172149-72440	42	9
		20
	43	17
		20
	45	18
		21
172149-83220	79	10
	80	11
	81	11
172151-03540	1	43
172151-03551	1	42
	61	19
172151-45010	24	1
172151-74860	59	10
172151-74880	59	11
172151-74890	59	12
172151-74900	59	13
172151-74910	59	14
172151-74930	59	15
172151-74940	59	16
172151-74950	59	17
172151-74980	59	18
172151-76030	71	4
172151-76040	71	1
172156-17401	15	1
172156-17420	15	3
172156-78450-5	68	5
172156-78510	68	6
172156-78540	68	7
172157-03170	1	11

Parts No.	Fig. No.	Ref. No.
172157-03170	2	6
172157-13150	8	2
172157-45840	85	10
172157-45990	27	23
	29	10
172157-70630	51	4
	52	2
	53	2
		16
	55	2
	56	2
172157-70640	51	5
	52	3
	53	3
		17
	55	3
	56	3
172157-70690	51	6
		20
	52	14
	53	4
		18
	54	17
	55	4
		14
	56	4
172157-70700	51	7
		21
	52	4
		15
	53	5
		19
	54	18
	55	5
		15
	56	5
172157-70720	51	8
	52	16
172157-70820	51	9
	52	5
	53	6
		20
	55	6
	56	6
172157-73910	49	12
172157-76150	64	10
172157-76220	69	3
172157-76300	63	3
172162-14200	10	4
172162-15310	38	4

Parts No.	Fig. No.	Ref. No.
172162-17180	83	20
172162-46690	21	18
	22	18
	28	7
172162-61850	13	8
172162-70780	47	7
172162-76320	67	4
172164-03510	1	33
	3	15
172164-03540	1	35
	3	16
172164-12200	83	2
172164-13520	36	8
172164-45951	23	8
172164-45961	23	9
172164-45970	25	4
172164-65580	38	6
172164-66170	37	18
	38	21
172164-66480	38	13
172164-66800	38	14
172164-74560	59	3
172164-74610	59	5
172164-74620	59	7
172164-74630	59	8
172164-74650	59	9
172165-03231	1	45
	29	29
172165-03240	1	44
172165-45071	24	4
172165-45970	19	6
	20	6
172165-46340	27	24
	29	11
172165-47550	21	20
	22	20
172165-47711	20	3
	22	6
172165-47871	24	5
172165-47980	21	8
	22	8
172165-47990	21	9
	22	9
172165-79820	72	16
	73	20
172165-82520	76	3 -1
172165-82530	76	2 -1
172165-82580	76	5
172165-82590	76	6
172165-82600	76	7

Parts No.	Fig. No.	Ref. No.
172168-71880	47	72
172168-71890	47	73
172168-71900	47	74
172168-71910	47	75
172168-71920	47	76
172168-71950	47	8
172168-72410	44	13
172168-73580	48	17
172168-73590	48	19
172168-73600	48	21
172171-13461	11	1 -1
172171-54750	33	4
172171-65850	38	9
172171-72130	41	14
	42	7
	44	7
172173-03250	1	26
172173-37320	16	7
		14
172173-38200	18	7
		16
172173-38210	18	8
172173-38220	18	10
172173-38300	18	11
172173-72550	41	25
	42	21
	43	10
	45	10
	46	10
172173-73510	48	14
172173-73520	48	15
172173-73570	48	16
172173-73580	48	18
172173-73590	48	20
172173-73600	48	22
172173-73690	48	23
172173-73700	48	24
172173-76101	70	2
	71	2
	73	3
	74	7
172173-76120	64	6
		8
172173-76121	64	6 -1
		8 -1
172173-81700	76	2
172173-81710	76	3
172175-12230	83	3
172175-12350	83	10
172175-12360	83	12

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172175-12370	83	13
172175-16110	12	4
172176-07330	5	1
172176-47870	83	24
172176-67790	38	15
172176-68210	77	19 -1
172183-03250	1	27
172183-03280	1	40
	2	13
172183-12180	7	4
172183-12261	83	4
172183-12310	83	7
172183-12350	83	11
172183-12381	83	14
172183-13150	8	3
172183-13250	8	7
172183-14250	10	11
172183-14640	9	18
172183-16550	14	57
172183-16560	24	10
	83	16
172183-16640	13	15
172183-71101	40	1
172183-72290	42	19
	43	16
		19
	45	17
		20
	79	4
172183-73510	47	31
		93
172183-73520	47	32
172183-73560	47	33
172183-73570	47	34
172183-73660	47	35
172183-73670	47	58
172183-73770	47	52
172183-73780	47	59
172183-73870	47	60
172183-74350	50	7
	53	22
	54	10
	56	16
172183-74820-4	69	1
172183-76200	64	13
	65	7
172183-76250	69	7
172183-81160	78	15
172183-81170	77	19
172186-72480	41	29

Parts No.	Fig. No.	Ref. No.
172186-76390	66	16
172187-14430	9	15
172187-14440	11	1
172187-16560	23	22
172187-17070	14	2
172187-17080	14	3
172187-17090	14	4
172187-17100	14	1
172187-17280	14	18
172187-17320	14	20
172187-17341	14	22
172187-17350	14	23
172187-17360	14	24
172187-17371	14	25
172187-17380	14	26
172187-17470	14	30
172187-17480	14	31
172187-17560	14	33
172187-17570	14	34
172187-45530	27	4
	29	22
172187-45650	27	21
	29	7
172187-45651	27	21 -1
	29	7 -1
172187-45760	23	30
	27	22
	29	8
172187-61421	36	9
	37	2
172187-63160	39	1
172187-76160	66	10
172190-17220	83	21
172312-74790	47	61
172312-77820	75	3
172421-73380	47	84
172421-73400	47	40
172422-65750	38	14 -1
172422-73130	40	47
172422-73140	40	7
172422-73160	40	8
172422-73170	40	59
172422-73220	40	11
172422-73240	40	12
172422-73280	40	13
172422-73290	40	14
172422-73500	40	15
172422-73510	40	60
172422-73520	40	16
172422-73530	40	17

Parts No.	Fig. No.	Ref. No.
172422-73530	40	18
172422-73540	40	19
172422-73550	40	20
		28
172422-73560	40	21
172422-73570	40	61
172422-73580	40	24
172422-73590	40	25
172422-73610	40	26
172422-73620	40	29
172422-73630	40	30
172422-73640	40	32
172422-73650	40	34
172422-73660	40	35
172422-73670	40	36
172437-03241	2	10
172437-03250	2	12
	4	1
172437-03310	2	15
	4	2
172437-03320	2	16
	4	3
172437-03321	2	16 -1
	4	3 -1
172437-03340	2	18
	4	4
172437-03341	2	18 -1
	4	4 -1
172437-03351	2	19
	4	5
172437-03360	2	20
	4	6
172437-03371	2	21
	4	7
172437-03380	2	22
	4	8
172437-03390	2	23
	4	9
172437-03400	2	24
	4	10
172437-03401	4	10 -1
172437-03410	2	25
	4	11
172437-03411	4	11 -1
172437-03421	2	26
	4	12
172437-03431	2	28
	4	13
172437-03460	2	29
	4	14

Parts No.	Fig. No.	Ref. No.
172437-03470	2	30
	4	15
172437-03500	2	31
172437-03510	1	34
	2	32
172437-03530	2	35
172444-03170	1	12
	3	1
172444-03180	1	14
	3	3
172444-03181	1	14 -1
	3	3 -1
172444-03210	1	22
	3	7
172444-03240	1	25
	3	10
172444-03250	1	28
172444-03280	1	29
	3	11
172444-03290	1	41
	61	18
172444-13210	9	1
172444-14200	10	5
172444-14270	10	22
172444-14410	10	25
		27 -1
172444-14450	10	6
172444-14460	10	7
172444-14470	10	8
172444-14480	10	9
172444-14490	10	10
172444-17620	34	16
172444-65680	36	17
172444-78800	72	15
	73	19
172446-03210	1	23
	3	8
172446-03220	1	24
	3	9
172446-03651	2	40
	4	17
172446-13330	9	5
172446-14250	10	19
	35	3
172446-45950	26	14
172446-73870	49	8
172446-73871	49	8 -1
172446-73890	49	11
172446-73900	49	2
172446-75250	62	12

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172447-17150	14	14
172447-57600	33	7
172447-72790-2	45	22
172447-74200	56	15
172447-74221	51	29
	54	14
172447-74230	51	17
		30
	54	15
172447-74250	50	6
172447-74300	52	22
	54	9
172447-74310	52	23
172447-74380	56	17
172447-75290	62	18
172447-75600	62	13
172447-76210	66	15
	72	2
		2 -1
	74	18
		1
		1 -1
		18
172448-03110	1	2
172448-03111	1	2 -1
172448-03112	1	2 -2
172448-03120	1	3
172448-03130	1	4
172448-03140	1	6
172448-03150	1	8
	2	3
172448-03160	1	10
172448-03170	1	13
	3	2
172448-03180	1	15
	2	7
172448-03190	1	17
	3	4
172448-03510	2	33
172448-03520	2	34
172448-03521	2	34 -1
172448-03530	2	36
172448-03531	2	36 -1
172448-03540	2	37
172448-03590	2	38
172448-03600	2	39
	4	16
172448-03701	2	42
172448-03702	2	42 -1
172448-08200	83	1

Parts No.	Fig. No.	Ref. No.
172448-08310	85	1
172448-08330	38	35
172448-08510	84	1
172448-08520	86	1
172448-08530	87	1
172448-08700	88	1
172448-11300	6	1
172448-11500	6	10
172448-11510	6	11
172448-11520	6	16
172448-11530	6	17
172448-11540	6	18
172448-12100	7	1
172448-12130	7	2
172448-12200	7	5
172448-13100	8	1
172448-13210	8	4
172448-13220	8	5
172448-13230	8	6
172448-13231	8	6 -1
172448-13260	8	8
172448-13300	8	9
172448-13380	9	6
172448-13400	9	7
172448-13500	9	8
172448-13510	9	9
172448-13520	9	10
172448-13530	9	11
172448-13540	9	12
172448-13560	9	14
172448-14150	10	14
172448-14180	10	16
172448-14200	10	17
172448-14300	10	20
172448-14340	10	23
172448-14610	11	3
172448-14630	11	7
172448-14650	11	11
172448-14670	11	15
172448-14690	10	25 -1
172448-16100	12	1
172448-16130	12	5
172448-16150	12	6
172448-16160	12	7
172448-16500	13	2
172448-16501	13	2 -1
172448-16520	13	3
172448-16521	13	3 -1
172448-16522	13	3 -2
172448-16523	13	3 -3

Parts No.	Fig. No.	Ref. No.
172448-16550	13	5
172448-16570	83	17
172448-16590	85	5
172448-16600	85	3
172448-17200	14	9
172448-17250	85	6
172448-17310	83	22
172448-17400	15	4
172448-29100	16	1
172448-29110	16	3
172448-37100	17	2
172448-37110	17	3
		21
172448-37130	17	4
		22
172448-37140	17	5
		23
172448-37200	17	24
172448-37310	16	6
172448-37320	16	15
172448-37500	16	18
172448-37510	16	21
172448-37710	17	10
		29
172448-37711	17	10 -1
		29 -1
172448-37800	17	11 -1
		30 -1
172448-38100	18	1
172448-38101	18	1 -1
172448-38110	18	2
172448-38230	18	9
172448-38231	18	9 -1
		17
172448-38300	18	13
172448-38301	18	13 -1
172448-38600	18	12
172448-45010	24	2
172448-45030	24	3
172448-45060	83	23
172448-45100	23	2
172448-45101	23	2 -1
172448-45140	23	5
172448-45141	23	5 -1
172448-45142	23	5 -2
172448-45200	27	1
172448-45220	29	19
172448-45260	23	32
	30	3
172448-45290	27	29

Parts No.	Fig. No.	Ref. No.
172448-45300	29	3
172448-45350	23	29
172448-45380	29	4
172448-45400	23	23
172448-45401	23	23 -1
172448-45510	23	24
172448-45520	23	25
172448-45570	23	13
172448-45660	23	33
	25	12
	26	1
	27	31
	30	5
172448-45700	25	1
172448-45740	25	2
172448-45770	25	3 -1
172448-45771	25	3 -2
172448-45780	25	3
172448-45800	29	9 -1
172448-45840	25	13
172448-45850	25	14
172448-45870	26	2
172448-45880	85	11
172448-45890	85	12
172448-45900	28	2
172448-45920	28	3
172448-45960	31	1
172448-46100	30	6
172448-46120	27	6
172448-46150	23	18
172448-46600	21	1
172448-46790	19	2
172448-46800	22	1
172448-46850	20	2
172448-46950	21	19
	22	19
172448-46960	19	7
	20	7
172448-47620	21	21
	22	21
172448-47621	21	21 -1
172448-47650	21	22
	22	22
172448-47680	19	8
	20	8
172448-47700	19	9
	20	9
172448-47800	26	15
172448-47801	26	15 -1
172448-47830	26	5

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172448-47860	26	6
172448-47900	21	7
	22	7
172448-50200	32	1
172448-50400	32	2
172448-50401	32	2 -1
172448-50410	32	3
172448-50411	32	3 -1
172448-50700	32	4
172448-50720	32	5
172448-50760	32	6
172448-50770	32	7
172448-50800	32	12
172448-54100	33	1
172448-54101	33	1 -1
172448-54120	33	3
172448-61110	34	1
172448-61120	34	2
172448-61130	34	3
172448-61140	34	4
172448-61160	34	5
172448-61190	34	6
172448-61191	34	6 -1
172448-61240	34	8
172448-61250	34	9
172448-61450	34	10
172448-61500	34	11
172448-61530	34	12
172448-61600	34	13
172448-61710	34	14
172448-61800	34	15
172448-61870	34	18
172448-61890	34	19
172448-61910	34	20
172448-62100	35	1
172448-62101	35	1 -1
172448-62150	35	2
172448-62310	35	6
172448-62320	35	11
172448-62330	35	15
172448-62390	35	6 -1
172448-62400	35	12
		24
172448-62480	35	8
172448-62650	35	13
172448-63120	35	18
172448-63130	35	19
172448-63150	35	20
172448-64060	36	1
172448-64080	36	2

Parts No.	Fig. No.	Ref. No.
172448-64200	36	10 -2
172448-64210	36	10
172448-64211	36	10 -1
172448-64710	36	12
172448-64760	36	15
172448-64810	14	38
172448-64920	36	16
172448-65070	38	1
172448-65090	37	3
172448-65170	37	5
172448-65180	37	6
172448-65190	37	8
172448-65270	38	2
172448-65290	38	3
172448-65400	37	13
172448-65450	37	14
172448-65490	37	15
172448-65500	38	16
172448-65550	37	16
172448-65580	37	17
172448-65590	38	7
172448-65610	38	17
172448-65680	38	18
172448-65700	37	10
	38	8
172448-65750	37	11
172448-65760	37	12
172448-65850	38	10
172448-65860	38	11
172448-65870	38	12
172448-65960	38	19
172448-65970	38	20
172448-68100	39	2
172448-71200	40	3
172448-72100	41	1
172448-72110	41	8
172448-72140	41	15
172448-72190	41	27
172448-72240	41	28
172448-72270	41	19
172448-72300	42	1
172448-72310	42	8
172448-72600	44	1
172448-72610	44	9
172448-72640	44	12
172448-72650	44	10
		14
172448-72900	46	1
172448-72910	46	16
172448-72940	46	17

Parts No.	Fig. No.	Ref. No.
172448-73100	40	5
172448-73110	40	46
172448-73120	40	53
172448-73130	40	58
172448-73140	40	54
172448-73150	40	48
172448-73160	40	9
172448-73170	40	49
172448-73180	40	10
172448-73190	40	50
172448-73300	47	1
172448-73301	47	1 -1
172448-73310	48	1
172448-73320	47	9
172448-73330	47	17
172448-73340	47	19
172448-73350	47	20
172448-73360	47	39
172448-73370	47	80
172448-73371	47	80 -1
172448-73380	47	85
172448-73381	47	85 -1
172448-73390	47	79
172448-73391	47	79 -1
172448-73410	48	2
172448-73420	47	69
172448-73500	47	44 -1
172448-73700	62	2
172448-73710	62	3
172448-73720	62	4
172448-73770	62	5
172448-73780	62	6
172448-73790	62	7
172448-73840	49	1 -1
		1 -2
172448-73850	49	1
172448-73851	49	1 A
172448-73860	49	7
172448-73900	49	15 A
	89	19
172448-74100	50	1
172448-74110	50	5
172448-74120	51	3
172448-74130	51	10
172448-74140	51	19
172448-74150	51	22
172448-74160	52	13
172448-74170	52	17
172448-74180	52	1
172448-74190	52	6

Parts No.	Fig. No.	Ref. No.
172448-74200	53	1
172448-74210	53	7
172448-74220	53	15
172448-74230	53	21
172448-74240	54	1
172448-74250	54	3
172448-74260	54	4
172448-74270	54	5
172448-74280	54	16
172448-74290	54	22
172448-74300	55	1
172448-74310	55	7
172448-74320	55	13
172448-74330	55	20
172448-74340	56	1
172448-74350	56	7
172448-74360	50	9
	56	19
172448-74370	52	27
172448-74380	50	2
	51	1
	52	11
	53	13
	54	12
	55	23
	56	13
172448-74390	50	3
172448-74400	50	4
172448-74410	51	2
172448-74420	51	18
172448-74430	52	12
172448-74440	53	14
172448-74450	54	13
172448-74460	56	14
172448-74700	57	1
	58	1
172448-74701	57	1 -1
		4
	58	1 -1
172448-74710	58	2
172448-74720	60	7
172448-74730	60	37
172448-74740	58	8
172448-74750	58	9
172448-74760	58	10
	60	12
172448-74770	58	11
	60	13
172448-74780	58	12
	60	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172448-74790	58	3
	60	15
172448-74800	57	3
	60	5
172448-74810	60	16
172448-74820	58	4
	60	17
172448-74830	58	5
	60	18
172448-74860	60	19
172448-74870	60	20
172448-74880	60	21
172448-74910	58	13
	60	22
172448-74920	58	14
	60	23
172448-74930	58	15
	60	24
172448-74940	58	16
	60	25
172448-74950	58	17
	60	26
172448-74960	58	18
	60	27
172448-74970	58	19
	60	28
172448-74980	60	29
172448-74990	60	30
172448-75300	62	19
172448-75380	62	20
172448-75410	62	21
172448-75411	62	21 -1
172448-76100	66	1
		33
172448-76110	66	3
172448-76120	66	5
172448-76130	65	4
172448-76140	66	7
172448-76150	66	8
172448-76160	66	11
	72	18 -1
	74	18 -1
172448-76170	66	13
172448-76400	68	1
172448-76450	68	2
172448-76470	68	3
172448-76550	68	4
172448-76600	69	8
172448-76620	69	9
172448-76680	68	5 -1

Parts No.	Fig. No.	Ref. No.
172448-76690	68	4 -1
172448-77100	75	1
172448-77110	75	6
172448-77910	64	23
172448-78110	63	8
172448-78130	63	9
172448-78140	63	10
172448-78150	64	24
172448-78160	65	16
172448-78170	65	17
172448-78180	64	25
172448-78190	64	26
172448-78200	64	27
172448-78210	64	28
172448-78220	65	18
		18 -1
		18 -2
		25
		26
172448-78230	65	19
172448-78240	69	13
172448-78250	69	14
172448-78260	64	29
172448-78270	64	30
172448-78280	65	20
		26 -1
172448-78290	64	31
172448-78291	64	31 -1
172448-78300	65	21
172448-78310	66	20
172448-78320	66	21
172448-78330	67	10
172448-78340	67	11
172448-78350	67	12
172448-78360	67	13
172448-78370	67	14
172448-78380	67	15
172448-78390	67	16
172448-78400	67	17
172448-78410	67	18
172448-78420	68	10
172448-78430	68	11
172448-78440	68	12
172448-78450	69	15
172448-78460	66	22
172448-78470	70	6
172448-78480	73	11
172448-78490	73	12
172448-78500	73	13
172448-78510	73	14

Parts No.	Fig. No.	Ref. No.
172448-78520	70	7
172448-78530	74	9
172448-78540	74	10
172448-78550	74	11
172448-78560	74	12
172448-78570	74	13
172448-78580	74	14
172448-78590	74	15
172448-78600	72	7
172448-78610	72	8
172448-78620	72	9
172448-78630	72	10
172448-78640	72	12
172448-78650	72	13
172448-78660	72	14
172448-78670	64	32
	65	23
172448-78680	74	16
172448-78700	66	24
172448-78710	67	19
172448-78720	67	20
172448-78730	67	21
172448-78740	66	25
172448-78750	66	26
172448-78760	73	15
172448-78761	73	15 -1
172448-78770	73	16
172448-78780	73	17
172448-78790	73	18
172448-78830	65	25 -1
172448-78980	64	32 -1
172448-78990	72	15 -1
	73	19 -1
172448-79310	71	6
172448-79320	71	7
172448-79330	71	8
172448-79950	72	16 -1
	73	20 -1
172448-81100	77	2
172448-81400	79	1 -1
172448-81500	78	2
172448-81600	42	10
		19 -1
	43	16 -1
		19 -1
	45	17 -1
		20 -1
	78	4
	79	4 -1
	82	6

Parts No.	Fig. No.	Ref. No.
172448-81610	41	10
		17
	77	3
	78	5
172448-82100	80	1 A
172448-82140	80	1 B
172448-82180	80	1 C
172448-82220	80	1 D
172448-82300	76	4
172448-82301	76	4 -1
172448-82400	80	1 E
172448-82530	80	3
		21
	81	3
		22
		30
172448-82570	80	6
		22
	81	6
		25
		31
172448-82580	80	8
		23
	81	8
		27
		32
172448-82590	80	9
		24
	81	9
		28
		33
172448-82650	76	8
172448-82670	76	9
172448-82700	77	5
172448-82730	76	10
172448-82760	77	6
172448-82790	77	7
172448-82820	78	7
172448-82880	76	11
172448-82900	76	12
172448-82910	81	1
172448-82950-1	80	5
	81	5
		24
172448-82960	80	7
	81	7
		26
172448-82970	81	20
172448-84500	79	6
172448-84510	79	7

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172448-94490	82	5 -2
172448-94500	82	5
172448-94501	82	5 -1
172448-94600	82	7
172448-94601	82	7 -1
172448-94602	82	7 -2
172448-94610	82	8
172448-94611	82	8 -1
172448-94612	82	8 -2
172448-94700	82	9
172448-94710	82	10
172449-68200	39	3
172449-68210	39	4
172449-68220	39	5
172449-72010	41	2
172449-72020	42	2
172449-72030	43	2
	45	2
	46	2
172449-72040	44	2
172449-72110	41	11
172449-72310	41	20
	42	11
172449-72311	41	20 -1
	42	11 -1
172449-72320	41	21
	42	12
	43	7
	45	7
	46	7
172449-72321	41	21 -1
	42	12 -1
	43	7 -1
	45	7 -1
	46	7 -1
172449-72350	41	24
172449-72410	42	15
172449-72500	42	18
172449-72550	43	1
172449-72560	43	11
	45	11
	46	11
172449-72580	43	15
172449-72650	43	18
172449-72680	43	21
	45	15
	46	15
172449-72681	43	21 -1
	45	15 -1
	46	15 -1

Parts No.	Fig. No.	Ref. No.
172449-72700-2	45	1
172449-72730-2	45	16
172449-72770	45	19
172449-72810	44	15
172449-72950	44	18
172449-72951	44	18 -1
172449-72960	44	19
172449-74220	51	23
	52	18
	54	2
		19
	55	16
172449-74270	51	24
	52	19
	54	6
		20
	55	17
172449-74280	51	25
	52	20
	54	7
		21
	55	18
172449-74290	51	26
	52	21
	54	8
		23
	55	19
172449-74600	57	2
	59	1
172449-74610	59	6
172449-74800	61	1
172449-74810	61	7
172450-03200	1	20
	3	6
172450-73110	40	6
172450-73120	40	55
172450-73130	40	56
172450-73330	47	18
172450-73490	47	43
		92
172450-73510	47	45
172450-73530	47	77
172450-73540	47	78
172450-73550	47	56
172455-46901	21	6
172455-46941	19	3
172455-74710	58	7
	60	6
172455-75290	62	14
172455-75300	62	15

Parts No.	Fig. No.	Ref. No.
172455-76220	70	4
172455-78610	65	22
172455-78820	70	8
172456-14150	10	3
172456-14151	10	3 -1
172456-73320	47	89
172456-73350	47	21
172456-73360	47	22
172456-73370	47	23
172456-73380	47	24
172456-73390	47	25
172456-73420	47	26
172456-73430	47	28
172456-73440	47	29
172456-73450	47	30
172456-73470	47	86
172456-73500	47	44
172456-73510	47	46
172456-73520	47	47
172456-73530	47	87
172456-73540	47	48
172456-73550	47	50
172456-73560	47	51
172456-73570	47	57
172456-77110	48	3
172456-77130	48	7
172456-77140	48	9
172456-77150	48	25
172456-77160	48	26
172456-77170	48	27
172456-77180	48	28
172456-77190	48	29
172456-77200	48	30
172456-77210	48	31
172456-77220	48	32
172456-77230	48	33
172456-77240	48	34
172456-77250	48	35
172456-77270	48	37
172456-77280	48	38
172456-77290	48	39
172458-03130	1	5
172458-03140	1	7
	2	2
172458-03181	1	16
172458-03190	1	18
172458-03240	1	46
	2	11
	29	1
172458-03550	1	47

Parts No.	Fig. No.	Ref. No.
172458-03550	60	34
172458-03560	1	48
	60	35
172458-03570	1	49
	3	19
	60	36
172458-14361	35	4
172458-14370	10	24
172458-14380	10	21
		21 -1
172458-14510	10	26
172458-17500	14	16
172458-17501	14	16 -1
172458-17510	14	32
172458-17511	14	32 -1
172458-45521	27	19
	29	5
172458-45540	27	20
	29	6
172458-45810	25	15
	26	3
172458-45950	28	6
172458-46720	14	35
	35	16
172458-46730	19	1
	21	5
172458-50480	32	14
172458-62430	34	35
172458-63100	35	17
172458-63110	35	26
		29
172458-72740	44	11
172458-73530	40	51
172458-73540	40	52
172458-73560	40	22
172458-73570	40	23
172458-73620	40	27
172458-73621	40	27 -1
172458-73630	40	31
172458-73640	40	33
172458-73660	40	40
172458-73680	40	27 A
172458-73690	40	27 B
172458-73820	49	4
172458-74470	60	2
172458-74480	60	3
172458-74490	60	4
172458-74740	53	28
172458-78620	66	23
172462-03320	2	17

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172463-03290	2	14
172469-45360	30	4
172472-03160	2	5
172472-17400	85	8
172472-17470	85	9
172472-45960	29	9
172478-16580	85	4
172478-65750	37	30
172478-78490	87	4
172478-78630	72	11
172490-03200	1	43 -1
	2	27
172490-61920	35	27
172490-61950	35	28
172496-03250	1	45 -1
	2	9
	29	29 -1
172511-17351	85	7
172519-03150	1	9 -1
	2	4
172519-03151	1	9
172519-03680	1	36
	2	41
172519-04180	1	37
	3	17
172519-04290	1	38
	3	18
172519-63240	14	37
	34	21
		22
		23
		24
	35	14
		21
		22
172631-16350	12	12
172638-73330	47	38
172638-76190	69	2
172649-64101	36	3
172649-65770	37	7
172730-05250	32	11
	39	6 -1
172730-75141	63	1
	67	1
172734-41300	27	28
	30	2
172964-03370	1	31
	3	13
172964-03481	1	32
	3	14

Parts No.	Fig. No.	Ref. No.
172A21-12250	83	28 -2
172A55-78500	72	19
	73	22
172A64-73790	89	1
172A64-73800	89	2
172A64-73810	89	3
172A64-73840	89	6
172A64-73850	89	7
172A64-73860	89	9 -1
172A64-73870	89	10
172A64-73880	89	9
172A64-73890	89	15
172A77-17500	14	58
172B02-73860	89	8
172B02-73870	89	11
172B02-73880	89	12
172B02-73890	89	11 -1
182900-16530	61	2
182900-77190	61	8
182900-77200	61	9
182900-77210	61	10
182900-77220	61	11
182901-39280	61	3
182901-39290	61	4
182901-39300	61	5
182901-40720	61	6
194151-57100	14	36
194200-37780	27	27
	30	1
194202-56460	13	7
194440-51620	83	25
194464-52190	14	55
	85	13
194940-24350	33	6
194940-64750	12	13
1A1040-43900	28	1
1A1040-45890	27	5
1A1060-48300	17	6
		25
1A1680-57850	9	40
1A1686-57850	9	40 -1
1A3809-56915	83	27
1A6240-37360	47	2
1C6141-35370	60	1
1C6281-52310	7	8
	37	1
	83	26
1D4070-23580	19	5
	20	5
	21	16

Parts No.	Fig. No.	Ref. No.
1D4070-23580	22	16
1E6140-73420	16	7 -1
		14 -1
22117-040000	24	6
22117-060000	37	23 -1
22117-080000	23	35
	27	33
	30	11
22117-100000	63	13
	69	16
22137-060000	7	9
	9	28
		29
	11	48
	21	10
	22	10
	37	24
	83	29
22137-080000	12	8
	21	23
	22	23
	23	26
	27	10
	29	13
		23
	36	5
22137-100000	8	20
	10	28
	23	40
	27	25
		25 -1
	29	14
		14 -1
	34	36
		36 -1
	38	33
	85	14
22137-120000	36	18
	39	6
22157-060000	12	14
	37	24 -1
22157-100000	41	30
	76	19
	77	12
	78	8
22212-080000	40	41
22212-160000	32	9
22217-080000	6	7
	11	49
		50

Parts No.	Fig. No.	Ref. No.
22217-080000	83	30
		31
	89	16
22217-100000	8	10
	16	19
	27	11
	83	32
22217-120000	39	7
22242-000250	17	7
		26
	21	11
	22	11
	40	42
22242-000401	49	13
22242-000451	89	17
22242-000500	76	20
22252-000520	16	8
		16
	40	43
22252-000620	17	8
		27
22272-000050	38	26
22272-000070	21	24
	22	24
	37	25
22351-030025	25	5
22351-030032	19	10
	20	10
	26	7
22351-035040	21	25
22351-035050	21	25 -1
	22	25
22351-040025	83	33
22351-050010	58	20
	60	11
22351-050025	25	6
22351-050032	19	11
	20	11
	26	8
22351-060016	40	44
22351-060040	21	26
22351-060050	21	26 -1
	22	26
22372-080000	36	6
22417-160160	21	12
	22	12
	23	36
	25	20
	26	9
	27	34

Parts No. Index

Parts No.	Fig. No.	Ref. No.
22417-160160	30	12
22417-250200	27	26
		26 -1
	29	15
		15 -1
22417-320200	35	25
22417-400400	82	11
22487-060240	21	13
	22	13
22857-400082	38	27
23000-013000	9	39
	66	27
	70	9
		10
	71	9
		10
23000-025000	9	30
	62	22
23000-041000	63	11
23000-060000	6	20
23001-016000	66	28
		29
		30
		31
23001-025000	9	30 -1
	62	22 -1
23001-035000	66	32
23001-041000	63	11 -1
23010-038000	9	31
23080-013000	10	29
		30
23391-020000	65	8
		9
		5
23393-020000	65	10
	67	6
23394-020000	67	7
23418-060000	11	45
23491-140002	62	23
23871-010000	48	8
	49	14
	89	18
23871-040000	69	4
24101-060024	47	62
24101-060044	47	63
24101-062054	16	9
		17
24101-062064	17	9
		28
24190-100001	61	12

Parts No.	Fig. No.	Ref. No.
24311-000100	40	37
24311-000160	9	4
	62	24
24311-000200	59	19
24311-000210	19	12
	20	12
	25	7
	26	10
	27	12
	28	8
	29	24
	83	34
24311-000280	61	13
24311-000340	21	14
	22	14
24311-000350	63	6 -1
24311-000700	59	20
24311-240100	11	31
		46
	51	12
	52	7
	53	9
		24
	55	9
	56	9
24315-000040	53	29
	54	26
24315-000070	47	64
		94
24315-000080	40	38
		62
	47	65
		95
	66	6
		9
		12
		17
	72	3
	74	2
24315-000100	47	53
		96
	50	10
	51	31
	52	28
	53	30
	54	27
	55	24
	56	20
24315-000110	40	63
		64

Parts No.	Fig. No.	Ref. No.
24315-000110	47	36
		54
		66
		97
		98
		99
	50	8
	51	13
		28
	52	8
		25
	53	10
		25
	54	11
		25
	55	10
		22
	56	10
		18
	64	7
		9
		12
		16
		17
		18
		19
	65	6
		11
		12
		13
		14
		15
	67	9
	69	5
	70	3
		5
	71	3
	72	4
	73	2
		4
		7
		8
	74	5
		6
		8
24315-000120	40	65
	47	55
		100
24315-000140	17	13
		32

Parts No.	Fig. No.	Ref. No.
24315-000140	40	39
	51	14
	52	26
	63	5
	64	15
		20
		22
	66	2
		4
		14
		34
	67	8
24315-000180	63	4
	71	5
24315-000200	58	6
	60	31
24315-000240	47	67
		101
24315-000300	17	16
		35
24315-000560	89	13
24315-001300	47	37
		102
24321-000350	63	6
24321-000600	61	14
24321-000700	49	6
24321-000750	62	8
24321-000850	62	9
24325-000550	40	66
24325-000700	89	14
24550-014100	36	11
24550-014200	83	6
		9
24550-025150	21	4
	22	4
24550-030300	41	13 -1
	43	13 -1
	45	13 -1
	46	13 -1
24550-035300	42	17 -1
	44	17 -1
24761-020000	17	14
		33
	21	15
	22	15
	23	15
		16
	27	13
	33	5
	41	26

Parts No. Index

Parts No.	Fig. No.	Ref. No.
24761-020000	42	22
	75	4
	79	8
		12
	80	13
	81	13
	82	12
24761-040000	27	14
	29	25
	30	13
	78	9
24761-050000	82	13
	43	22
	44	22
	77	13
26013-060122	9	32
	12	9
	38	28 -1
	85	15
26013-060124	38	28
26013-060162	9	33
	14	46
		47
		48
		49
		50
		51
		52
	83	35
	11	51
	85	16
	6	21
	9	37
	15	5
		6
	19	13
	20	1
		13
	22	5
	23	27
	28	9
	41	31
	45	23
	50	12
	62	10
26013-080202	7	10
	10	31
	21	27
	22	27
	28	10

Parts No.	Fig. No.	Ref. No.
26013-080202	83	36
26013-080252	66	18
	85	17
26013-080302	68	8
26013-080352	49	15
	68	8 -1
	75	7
26013-080402	9	35
	32	10
	6	22
26013-100162	9	36
	10	32
		33
26013-100202		34
	12	10
	13	9
		10
		11
	14	53
	19	4
	20	4
	23	28
		31
	25	8
		17
		21
	26	11
	29	16
	34	25
		33 -1
		33 -2
	36	7
		19
		20
		21
	38	34
	41	32
	61	17
	62	25
	64	33
	66	19
	76	21
	26013-100252	8
		11
		12
		13
		14
		15
		16
		17
		18

Parts No.	Fig. No.	Ref. No.
26013-100252	16	2
	23	17
	31	2
	40	2
	47	88
	63	7
	69	6
	76	22
	77	14
	78	10
	82	14
	85	18
26013-100302		19
	17	17
		36
		36 -1
26013-100352	17	17 -1
		36 -1
	49	16
	89	20
26013-120202	69	11
26013-120252	16	10
	39	8
	62	26
	76	23
26013-120302	32	13
	34	26
	35	9
	36	22
	62	27
	40	67
	35	9 -1
		10
	48	52
	62	28
	69	12
	68	9
26014-080162	14	54
26022-060252	83	37
	23	37
	25	18
	26	12
26051-080002	27	15
		35
	29	26
	30	14
26076-120252	33	12
	39	9
	33	13
	33	14
26076-120452	33	14
26106-100122	32	15

Parts No.	Fig. No.	Ref. No.
26106-100162	34	27
		28
		29
		30
		31
		32
		33
		34
26106-100202	6	8
	37	26
		27
		28
	38	29
		30
		30 -1
		31
26116-060202	59	21
26116-080162	83	38
		39
		40
26116-080252	83	40
26116-080254	7	11
	27	16
	29	27
26116-080304	25	9
26116-080652	11	52 -1
		53 -1
26116-080702	11	52
		53
		41
	83	42
26116-100162	27	17
26116-100404	23	10
26116-100602	79	13
	80	14
	81	14
26116-121302	76	24
26347-080002	29	17
26347-100002	37	29
	38	32
	10	35
26367-100002	51	15
	52	9
	53	11
		26
26450-050452	55	11
	56	11
26450-080202	47	68
26450-080352	58	21
26450-080652	60	32
26450-100352	16	20

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26450-100352	40	4
26557-040082	38	27 -1
26557-050102	51	16
	52	10
	53	12
		27
	55	12
	56	12
26557-050122	10	12
26587-040062	24	7
	83	43
26711-080002	40	45
26712-080002	60	33
26716-050002	23	38
	27	36
	30	15
26716-060002	12	15
	83	44
26716-080002	6	9
	7	12
	12	11
	15	7
	25	10
	27	18
	29	18
		28
	50	11
26716-100002	8	19
	23	11
	79	14
	80	15
	81	15
26756-080002	83	45
26756-100002	23	12
26756-120002	7	13
	76	25
26757-050002	25	16
	26	4
26776-140002	24	8
26776-180002	14	56
	85	20
29420-150000	14	15
29420-200000	83	19
772448-03100	1	1
772448-03101	1	1 -1
772448-03120	2	1
772448-14100	10	1
772448-37100	17	1 A
772448-37110	17	20 A
772448-37120	17	1

Parts No.	Fig. No.	Ref. No.
772448-37130	17	20
772448-37300	16	4
772448-37310	16	12
772448-75100	62	1
772448-82530	80	20
	81	29
933110-00301	14	6
933110-54100	23	39
	25	19
	26	13
	27	37
	30	16
933111-01600	42	17
	44	17
933111-01800	41	13
	43	13
	45	13
	46	13
933126-38600	17	18
		37
933152-03700	16	11
933160-06711	77	15
	78	11
	79	15
	80	16
	81	16
	82	15
933166-17730	83	46
933168-14170	41	33
933168-55770	13	13
		14
	24	9
		9 -1
	75	5
	83	47
		48
	85	21
933170-01490	7	14
933171-13691	17	19
		38
933171-15801	13	12
953KMO-00165	61	15 -1
953KMO-00220	61	16 -1
953KMO-00165	61	15
953KMO-00220	61	16

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