YANMAR

PARTS CATALOG

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0CK10-M40002EN

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PREFACE

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) Vio35-3 for japan.

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	000Y00K4000	Nov.,2004	Disuse old edition
	Engine	000Y00B7150		
1st revised	Vehicle	000Y00K4001	Jun.,2006	Disuse old edition
	Engine	000Y00B7151		
2nd revised	Vehicle	000Y00K4002	Oct.,2007	
	Engine	000Y00B7151		

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio35-3 C(JP)	30501～31422	2004/06～2005/12
		Vio35-3B C(JP)	35001～35427	2006/02～2006/06
	(B)	Vio35-3 P(JP)	30501～31422	2004/06～2005/12
		Vio35-3B P(JP)	35001～35427	2006/02～2006/06
	(C)	Vio35F-3 C(JP)	30501～31422	2004/06～2005/12
	(B)	Vio35F-3 P(JP)	30501～31422	2004/06～2005/12
		Vio35F-3B P(JP)	35001～35427	2006/02～2006/06
	(D)	Vio35-3 C(EX)	30501～31422	2004/06～2005/12
	(D)	Vio35-3 P(EX)	30501～31422	2004/06～2005/12
II (Engine)	(A)	3TNV82A-XBV(Vio35-3)	07279～34476	2004/05～2006/05
	(B)	3TNV82A-NBV(Vio35-3B)	28990～33024	2006/01～2006/04

(Note) C:Cabin spec. P:Canopy spec. JP:Japan spec. EX:Export except Europe & America.

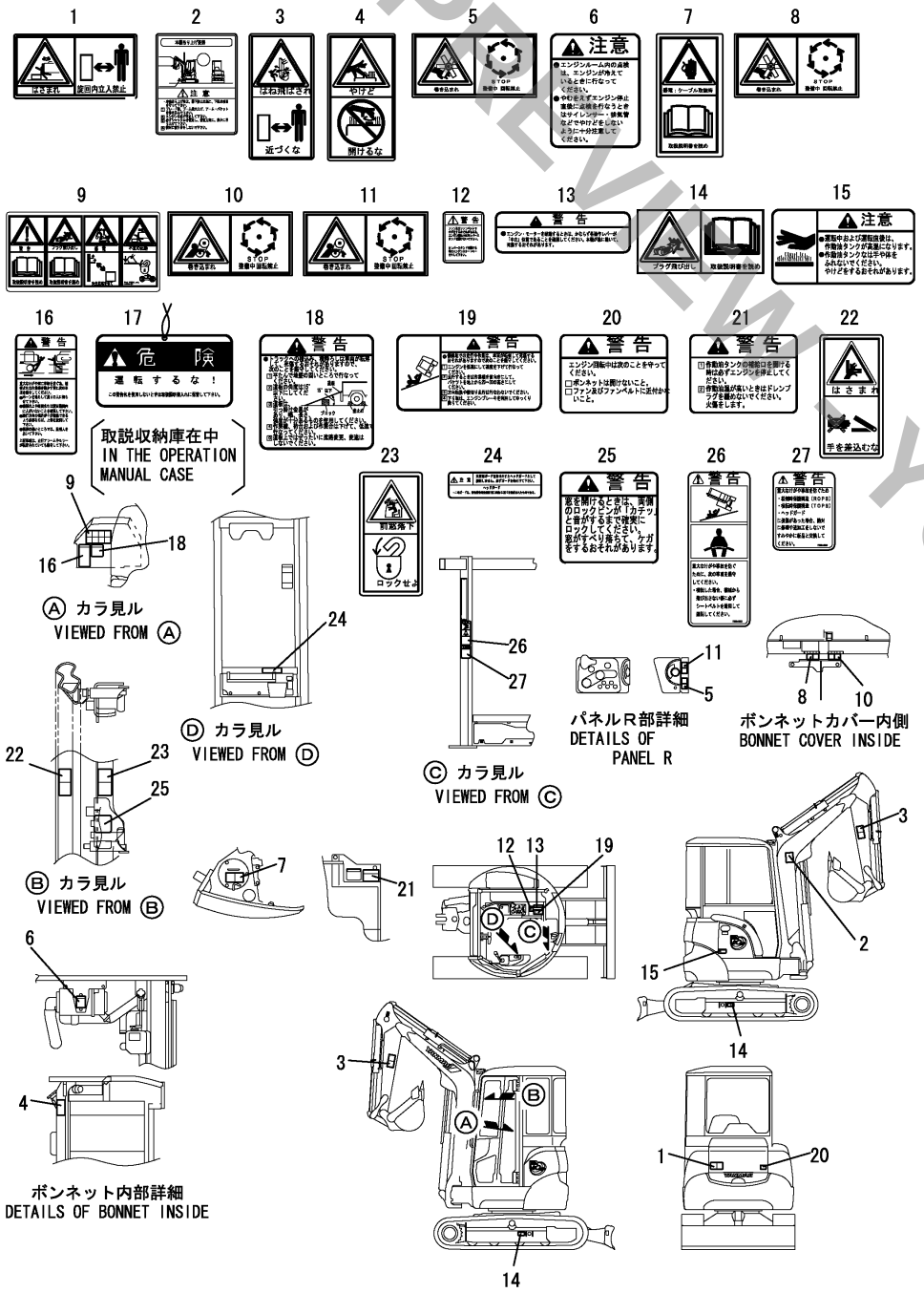
(Note) EX2(Korean specitications) is VIO35-3(KR):Please refer to parts catalog Y00S4670.

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.

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Fig.8. SAFETY LABEL(CABIN : JP)



(A)=VIO35-3C(JP)
(B)=VIO35-3P(JP)
(C)=VIO35F-3C(JP)
(D)=VIO35F-3P(JP)
(E)=VIO35-3C(EX)
(F)=VIO35-3P(EX)

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172444-03170	LABEL	1		1					
2	1	172A23-03180	LABEL,LIFTING	1		1					
3	1	172444-03181	LABEL	2		2					
4	1	172444-03190	LABEL	1		1					
5	1	172448-03190	LABEL,FAN	1		1					
6	1	172141-03202	LABEL,CAUTION	1		1					
7	1	172450-03200	LABEL,BATTERY	1		1					
8	1	172458-03200	LABEL,FAN	1		1					
9	1	172444-03210	LABEL	1		1					
10	1	172458-03210	LABEL,BELT	1		1					
11	1	172446-03220	LABEL,BELT	1		1					
12	1	172A23-03240	LAVEL,OPEN	1		1					
13	1	172444-03240	LABEL	1		1					
14	1	172444-03280	LABEL	2		2					
15	1	172142-03302	LABEL,CAUTION	1		1					
16	1	172964-03370	LABEL	1		1					
17	1	172964-03481	TAG ASSY, CAUTION	1		1					
18	1	172164-03510	LABEL,LOADING	1		1					
19	1	172164-03540	LABEL	1		1					
20	1	172519-04180	LABEL,WARNING	1		1					
21	1	172519-04290	LABEL,WARNING	1		1					
22	1	172445-03230	LABEL	1		1					
23	1	172458-03260	LABEL	1		1					
24	1	172A23-03300	LABEL	1		1					
25	1	172455-03520	LABEL	1		1					
26	1	172460-03230	LABEL,SEAT BELT	1		1					
27	1	172460-03241	LABEL,ROPS	1		1					

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

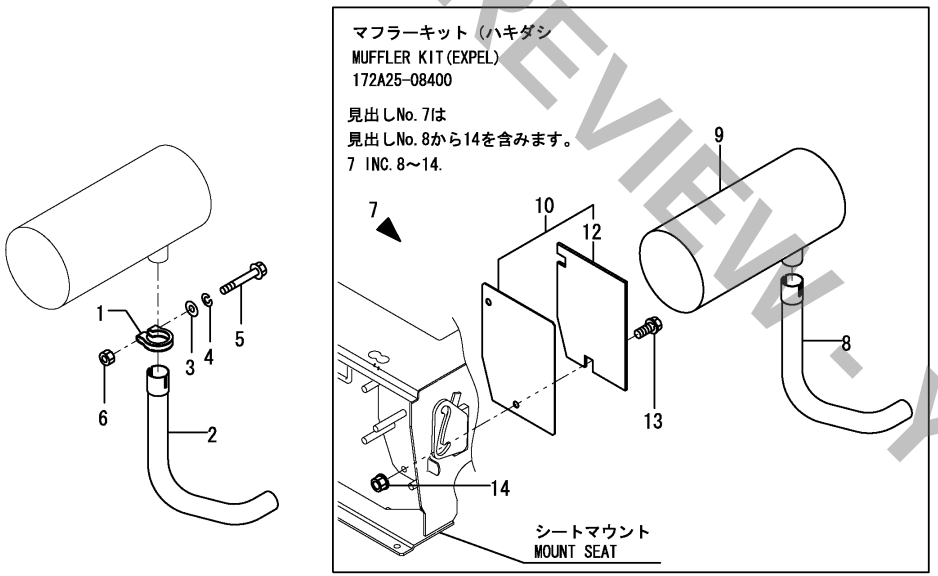
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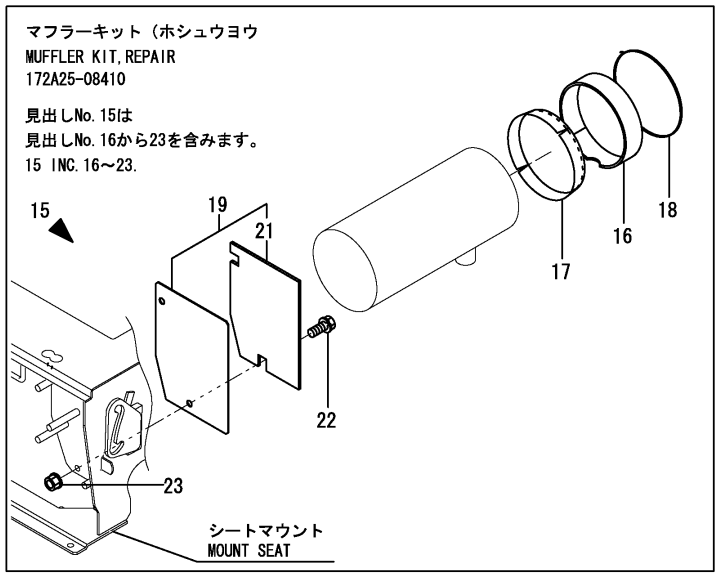
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Fig.16. MUFFLER

(A)=VIO35-3C(JP)
(B)=VIO35-3P(JP)
(C)=VIO35F-3C(JP)
(D)=VIO35F-3P(JP)
(E)=VIO35-3C(EX)
(F)=VIO35-3P(EX)





No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172168-11310	CLAMP	1	1	1	1	1	1		
2	1	172458-11310	PIPE, EXTENSION	1	1	1	1	1	1		
3	1	22117-080000	WASHER, 8	1	1	1	1	1	1		
4	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
5	1	26106-080552	BOLT, M8X 55 PLATED	1	1	1	1	1	1		
6	1	26706-080002	NUT, M8	1	1	1	1	1	1		
7	1	172A25-08400	MUFFLER KIT,EXPEL	1	1	1	1	1	1		
8	2	172458-11320	PIPE, EXTENSION	1	1	1	1	1	1		
9	2	119813-13552	SILENCER	1	1	1	1	1	1		
10	2	172A25-64700	COVER ASSY, MUFFLER	1	1	1	1	1	1		
12	3	172A25-64720	WOOL, GLASS	1	1	1	1	1	1		
13	2	26013-100302	BOLT, M10X 30	2	2	2	2	2	2		
14	2	26051-100002	NUT, M10	2	2	2	2	2	2		
15	1	172A25-08410	MUFFLER KIT,REPAIR	1	1	1	1	1	1		
16	2	172A25-11100	GLASSMAT 150A	1	1	1	1	1	1		
17	2	172A25-11110	GLASSMAT 150B	1	1	1	1	1	1		
18	2	172A25-11120	SILENCER, BAND 150	1	1	1	1	1	1		
19	2	172A25-64700	COVER ASSY, MUFFLER	1	1	1	1	1	1		
21	3	172A25-64720	WOOL, GLASS	1	1	1	1	1	1		
22	2	26013-100302	BOLT, M10X 30	2	2	2	2	2	2		
23	2	26051-100002	NUT, M10	2	2	2	2	2	2		

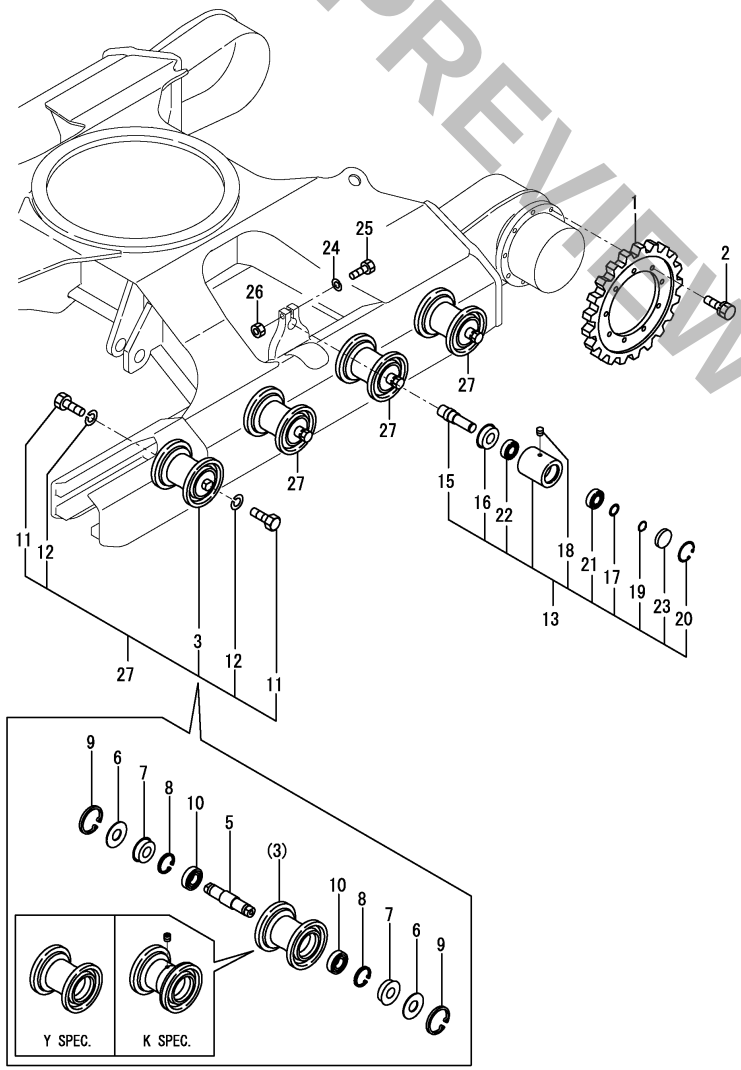
N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add,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

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Fig.42. SPROCKET & ROLLER



(A)=VIO35-3C(JP) (D)=VIO35F-3P(JP)
(B)=VIO35-3P(JP) (E)=VIO35-3C(EX)
(C)=VIO35F-3C(JP) (F)=VIO35-3P(EX)

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172141-29110	SPROCKET	2	2	2	2	2	2		
1-1	1	172141-29111-1	SPROCKET	2	2	2	2	2	2	N	
	(A=M/#35371)	(B=M/#35371)	(C=M/#35371) (D=M/#35371)	(E=M/#35371)			(F=M/#35371)				
2	1	26013-120352	BOLT, M12X 35	18	18	18	18	18	18		
3	1	172441-37301	ROLLER, TRACK	8	8	8	8	8	8		
3-1	1	172441-37302	ROLLER ASSY,TRACK	8	8	8	8	8	8	N	
	(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ) (D=MZZZZZ)	(E=MZZZZZ)			(F=MZZZZZ)				
3-2	1	172441-37302	ROLLER ASSY,TRACK	8	8	8	8	8	8	Z	2
	(A=*2014.05)	(B=*2014.05)	(C=*2014.05) (D=*2014.05)	(E=*2014.05)			(F=*2014.05)				
5	2	172422-37310	SHAFT, ROLLER	8	8	8	8	8	8		
6	2	172141-37320	SPACER	16	16	16	16	16	16		
7	2	1A1030-48250	SEAL, QLF30621218	16	16	16	16	16	16		
8	2	22252-000620	RING, 62	16	16	16	16	16	16		
9	2	22252-000750	RING, 75	16	16	16	16	16	16		
10	2	933111-73800	BEARING, BALL	16	16	16	16	16	16		
11	1	172490-37320	BOLT	16	16	16	16	16	16		
12	1	22217-160000	WASHER, SPRING 16	16	16	16	16	16	16		
13	1	172458-37500	ROLLER ASSY, CARRIER	2	2	2	2	2	2		
15	2	172458-37570	SHAFT	2	2	2	2	2	2		
16	2	172458-37580	SEAL, OIL	2	2	2	2	2	2		
17	2	172458-37590	COLLAR	2	2	2	2	2	2		
18	2	194630-42120	PLUG, PT1/8	2	2	2	2	2	2		
19	2	22242-000250	RING, 25	2	2	2	2	2	2		
20	2	22252-000521	RING, 52	2	2	2	2	2	2		
21	2	24101-062054	BEARING, BALL 6205	2	2	2	2	2	2		
22	2	24102-062054	BEARING, BALL 6205U	2	2	2	2	2	2		
23	2	27260-520000	PLUG, 52	2	2	2	2	2	2		
24	1	22217-140000	WASHER, SPRING 14	2	2	2	2	2	2		
25	1	26116-140652	BOLT, M14X 65 PLATED	2	2	2	2	2	2		
26	1	26716-140002	NUT, M14	2	2	2	2	2	2		
27	1	772441-37300	ROLLER ASSY, TRACK	8	8	8	8	8	8	W	1
	(A=M/#XXXXX)	(B=M/#XXXXX)	(C=M/#XXXXX) (D=M/#XXXXX)	(E=M/#XXXXX)			(F=M/#XXXXX)				
27-1	1	772441-37300	ROLLER ASSY, TRACK	8	8	8	8	8	8	Z	
	(A=*2014.05)	(B=*2014.05)	(C=*2014.05) (D=*2014.05)	(E=*2014.05)			(F=*2014.05)				

Remarks
(1)Include No.3, 11 & 12.
(2)Y specification. replacement with Fig.174(42A) No.1.
The inner parts are not compatible.

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

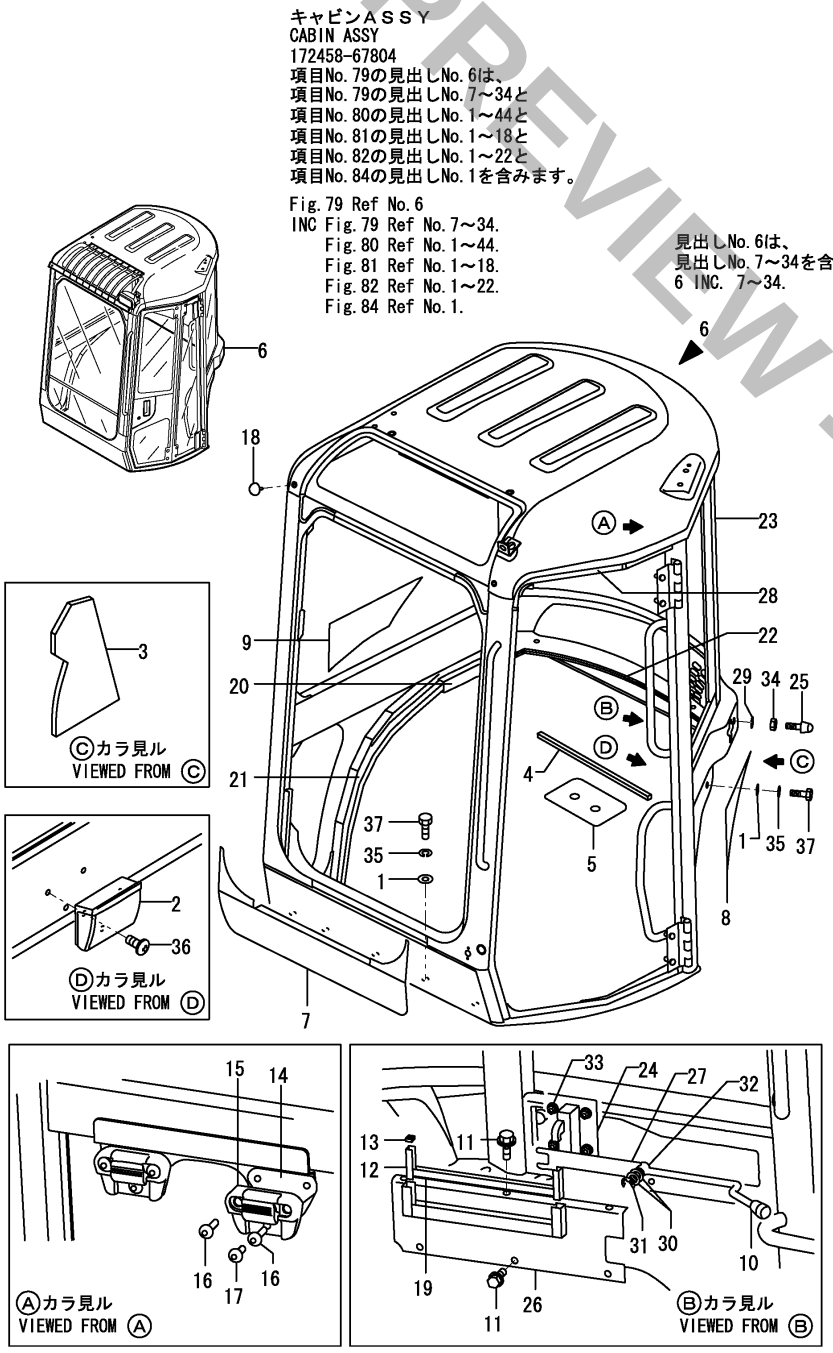
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Fig.79. CABIN(BODY)

(A)=VIO35-3C(JP)
(B)=VIO35-3P(JP)
(C)=VIO35F-3C(JP)
(D)=VIO35F-3P(JP)
(E)=VIO35-3C(EX)
(F)=VIO35-3P(EX)



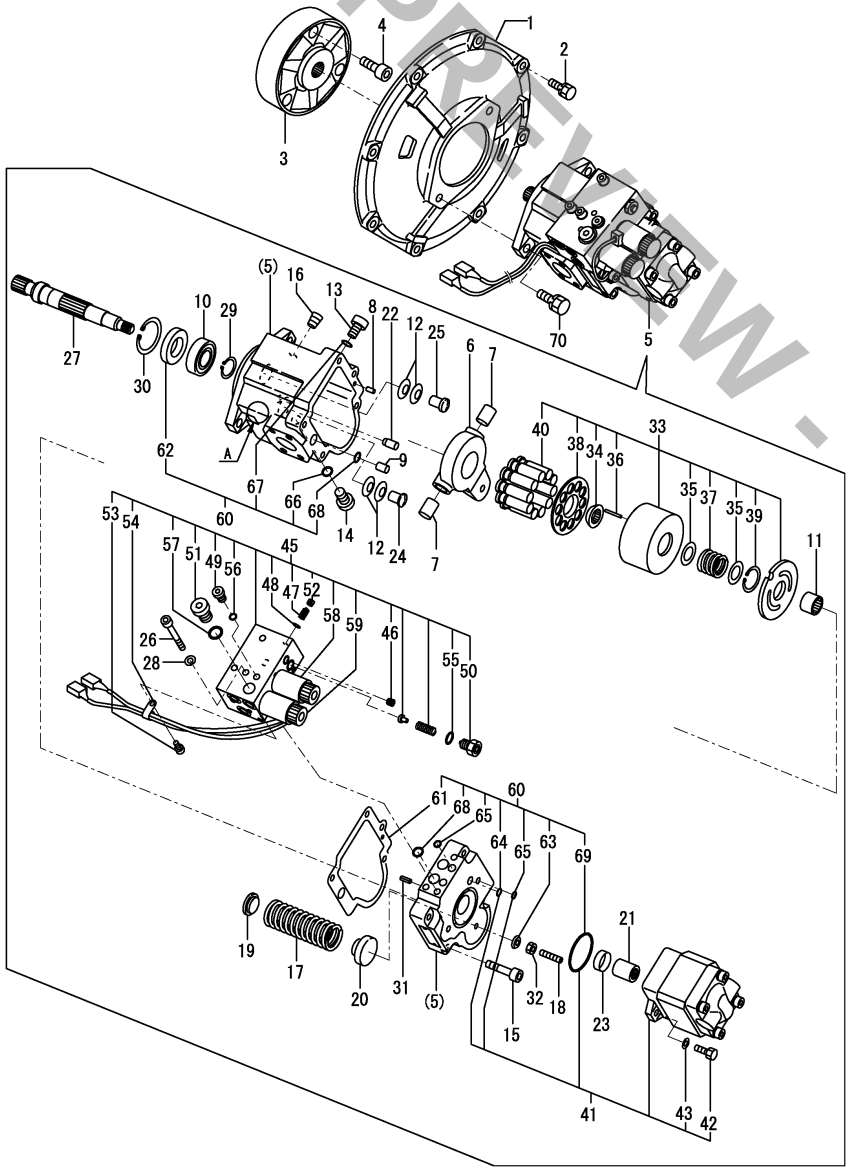
No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172165-13220	WASHER	13		13		13			
2	1	172312-17250	ASHTRAY	1		1		1			
3	1	172458-63360	SHEET	1		1		1			
4	1	172458-63480	SEAL, SPONGE	1		1		1			
5	1	172458-63580	SPACER	1		1		1			
6	1	172458-67804	CABIN ASSY	1		1		1			
7	2	172458-03310	LABEL	1		1		1			
8	2	172458-03320	LABEL	1		1		1			
9	2	172458-03330	LABEL	1		1		1			
9-1	2	172458-03330	LABEL	1				1		Z	
	(A=M/#35428)			(E=M/#35428)							
10	2	1E5100-51430	KNOB CLUTCH(RED	1		1		1			
11	2	172519-63240	BOLT	6		6		6			
12	2	172455-67310	RUN, GLASS	2		2		2			
13	2	172455-67320	CAP, CHANNEL	2		2		2			
14	2	172455-67330	PLATE ASSY LOW GLASS	2		2		2			
15	2	172455-67340	HOLDER GLASS UP	2		2		2			
16	2	172455-67350	SCREW	4		4		4			
17	2	172455-67360	SCREW	2		2		2			
18	2	172455-67440	CLIP, TREE	4		4		4			
19	2	172458-67840	RUN, GLASS	1		1		1			
20	2	172458-67960	SEAL	1		1		1			
21	2	172458-67970	SEAL	1		1		1			
22	2	172458-67981	SEAL	1		1		1			
23	2	172458-68004	FRAME,CABIN(GREEN:83	1		1		1			
24	2	172162-69050	LOCK ASSY	1		1		1			
25	2	172165-69190	RUBBER, STOPPER	1		1		1			
26	2	172458-69790	COVER ASSY	1		1		1			
27	2	172458-69830	LEVER	1		1		1			
28	2	172458-69930	SEAL, DOOR	1		1		1			
29	2	22117-100000	WASHER, 10	1		1		1			
30	2	22117-120000	WASHER, 12	2		2		2			
31	2	22272-000100	RING, E-10	1		1		1			
32	2	24550-012200	BUSH, 12X20	1		1		1			
33	2	26366-080002	NUT, M8	4		4		4			
34	2	26716-100002	NUT, M10	1		1		1			
35	1	22217-120000	WASHER, SPRING 12	13		13		13			
36	1	22867-400100	SCREW, 4X10	3		3		3			
37	1	26076-120402	BOLT, 10.912X 40	13		13		13			

N:Old ⇔ New, Q:Old ⇔ New, R:Old ⇔ New, S:Old ⇔ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.89. HYD.OIL PUMP & JOINT



(A)=VIO35-3C(JP) (D)=VIO35F-3P(JP)
(B)=VIO35-3P(JP) (E)=VIO35-3C(EX)
(C)=VIO35F-3C(JP) (F)=VIO35-3P(EX)

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172168-71101	COVER, FLYWHEEL	1	1						
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	172459-73500	PUMP ASSY	1	1						
5-1	1	172459-73501	PUMP ASSY	1	1					N	1
	(A=M/#31091)	(B=M/#31091)									
5A	1	172459-73502	PUMP ASSY	1	1						2
6	2	172422-73140	PLATE, SWASH	1	1						
7	2	172422-73160	PIN	2	2						
8	2	172422-73220	PIN	1	1						
9	2	172422-73280	PIN	1	1						
10	2	172422-73290	BEARING, BALL	1	1						
11	2	172422-73500	BEARING, NEEDLE	1	1						
12	2	172422-73520	SPRING	4	4						
13	2	172422-73530	PLUG	1	1						
14	2	172422-73530	PLUG	1	1						
15	2	172422-73540	BOLT	5	5						
16	2	172422-73550	PLUG	5	5						
17	2	172458-73550	SPRING	1	1						
18	2	172422-73560	SCREW	1	1						
19	2	172458-73560	HOLDER, SPRING	1	1						
20	2	172458-73570	GUIDE, SPRING	1	1						
21	2	172422-73580	COUPLING	1	1						
22	2	172458-73580	ROD	1	1						
23	2	172422-73590	COLLAR	1	1						
24	2	172458-73590	PIN, STOPPER	1	1						
25	2	172458-73600	PIN, STOPPER	1	1						
25A	2	172459-73600	PIN B,STOPPER	1	1						2
26	2	172422-73610	BOLT	3	3						
27	2	172458-73660	SHAFT	1	1						
28	2	22212-080000	WASHER 8	3	3						
29	2	22242-000250	RING, 25	1	1						
30	2	22252-000520	RING, 52	1	1						
31	2	22351-060016	PIN, SPRING 6.0X16	1	1						
32	2	26711-080002	NUT, M8	1	1						
33	2	172458-73510	BARREL KIT, CYLINDER	1	1						
34	3	172422-73130	HOLDER, BARREL	1	1						
35	3	172422-73250	RETAINER	2	2						
36	3	172458-73530	NEEDLE	3	3						
37	3	172458-73540	SPRING	1	1						
38	3	172458-73670	HOLDER, SHOE	1	1						
39	3	22252-000350	RING, 35	1	1						
40	3	172458-73520	PISTON ASSY, PUMP	1	1						
41	2	172459-73510	PUMP ASSY, GEAR	1	1						
41-1	2	172459-73511	PUMP ASSY, GEAR	1	1					R	
	(A=M31091)	(B=M31091)									
41-2	2	172459-73512	PUMP ASSY, GEAR	1	1					R	
	(A=*2008.02.)	(B=*2008.02.)									
42	3	172450-73120	BOLT	2	2						
43	3	172450-73130	WASHER	2	2						

Remarks
(1)A=REF.NO.5 NOT MARK,
NO.5-1 BLUE MARK.
(2)VIO35-3B:FROM M/#35001.
(3)For second gear traveling.
(4)For safety lock.

N:Old ⇔(Yes/No) New, Q:Old ⇔(No/Yes) New, R:Old ⇔(Yes/Yes) New, S:Old ⇔(No/No) New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

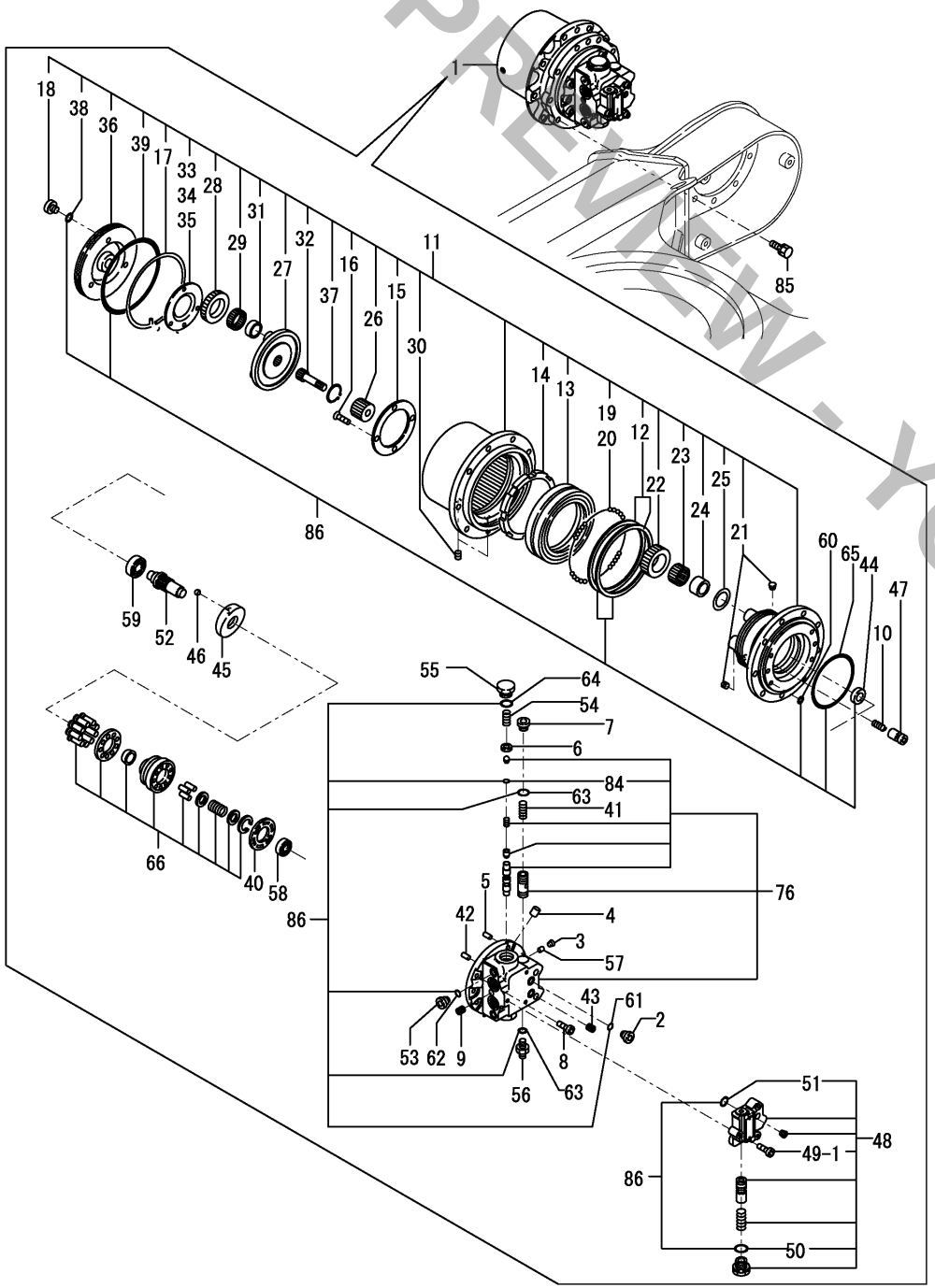
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Fig.101. TRAVEL MOTOR



(A)=VIO35-3C(JP) (D)=VIO35F-3P(JP)
(B)=VIO35-3P(JP) (E)=VIO35-3C(EX)
(C)=VIO35F-3C(JP) (F)=VIO35-3P(EX)

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172458-73700	MOTOR ASSY, TRAVEL	2	2	2	2	2	2		
2	2	1A6240-37360	PLUG	4	4	4	4	4	4		
3	2	172147-70220	PLUG	4	4	4	4	4	4		
4	2	172148-70340	ORIFICE	8	8	8	8	8	8		
5	2	172122-70410	PIN	4	4	4	4	4	4		
6	2	172122-70460	SEAT, SPRING	4	4	4	4	4	4		
7	2	172147-70500	PLUG	2	2	2	2	2	2		
8	2	172122-70540	BOLT, SOCKET	12	12	12	12	12	12		
9	2	172162-70780	PLUG	2	2	2	2	2	2		
10	2	172168-71950	SPRING	4	4	4	4	4	4		
11	2	172450-73320	GEAR, REDUCTION	2	2	2	2	2	2		
12	3	172141-70020-Z	SEAL, FLOATING	2	2	2	2	2	2		
13	3	172141-70030	BEARING, ANGULAR	2	2	2	2	2	2		
14	3	172141-70040	NUT, RING	2	2	2	2	2	2		
15	3	172141-70100	PLATE, THRUST	2	2	2	2	2	2		
16	3	172141-70110	SCREW	8	8	8	8	8	8		
17	3	172141-70230	WIRE	2	2	2	2	2	2		
18	3	172148-70301	PLUG	4	4	4	4	4	4		
19	3	172122-70350	BALL, STEEL	132	132	132	132	132	132		
20	3	172122-70350	BALL, STEEL	132	132	132	132	132	132		
21	3	172450-73330	PLUG	4	4	4	4	4	4		
22	3	172450-73350	GEAR, PLANETARY	8	8	8	8	8	8		
23	3	172450-73360	BEARING, NEEDLE	8	8	8	8	8	8		
24	3	172450-73370	RACE, INNER	8	8	8	8	8	8		
25	3	172450-73380	WASHER, THRUST	8	8	8	8	8	8		
26	3	172450-73390	GEAR, SUN	2	2	2	2	2	2		
27	3	172450-73400	HOLDER	2	2	2	2	2	2		
28	3	172450-73410	GEAR, PLANETARY	6	6	6	6	6	6		
29	3	172450-73420	BEARING, NEEDLE	6	6	6	6	6	6		
30	3	172122-73430	PLUG	4	4	4	4	4	4		
31	3	172450-73430	RACE, INNER	6	6	6	6	6	6		
32	3	172450-73440	GEAR, DRIVE	2	2	2	2	2	2		
33	3	172450-73450	PLATE, THRUST	2	2	2	2	2	2		
34	3	172450-73460	PLATE, THRUST	2	2	2	2	2	2		
35	3	172450-73470	PLATE, THRUST	2	2	2	2	2	2		
36	3	172450-73480	COVER	2	2	2	2	2	2		
37	3	22242-000350	RING, 35	2	2	2	2	2	2		
38	3	24315-000110	O-RING, 1BP11.0	4	4	4	4	4	4		
39	3	24325-001550	O-RING, 1BG155.0	2	2	2	2	2	2		
40	2	172638-73330	PLATE, VALVE	2	2	2	2	2	2		
41	2	172422-73360	SPRING	2	2	2	2	2	2		
42	2	172122-73470	PIN	2	2	2	2	2	2		
43	2	172452-73480	PLUG	4	4	4	4	4	4		
44	2	172450-73490	SEAL, OIL	2	2	2	2	2	2		
45	2	172450-73500	PLATE, SWASH	2	2	2	2	2	2		
46	2	172450-73510	BALL, STEEL	4	4	4	4	4	4		
47	2	172450-73550	PISTON ASSY	4	4	4	4	4	4		
48	2	172460-73580	VALVE ASSY	2	2	2	2	2	2		
49-1	3	172A47-73320	BOLT, SOCKET HEAD	6	6	6	6	6	6		
50	3	24315-000140	O-RING, 1BP14.0	4	4	4	4	4	4		
51	3	24315-000120	O-RING, 1BP12.0	6	6	6	6	6	6		

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

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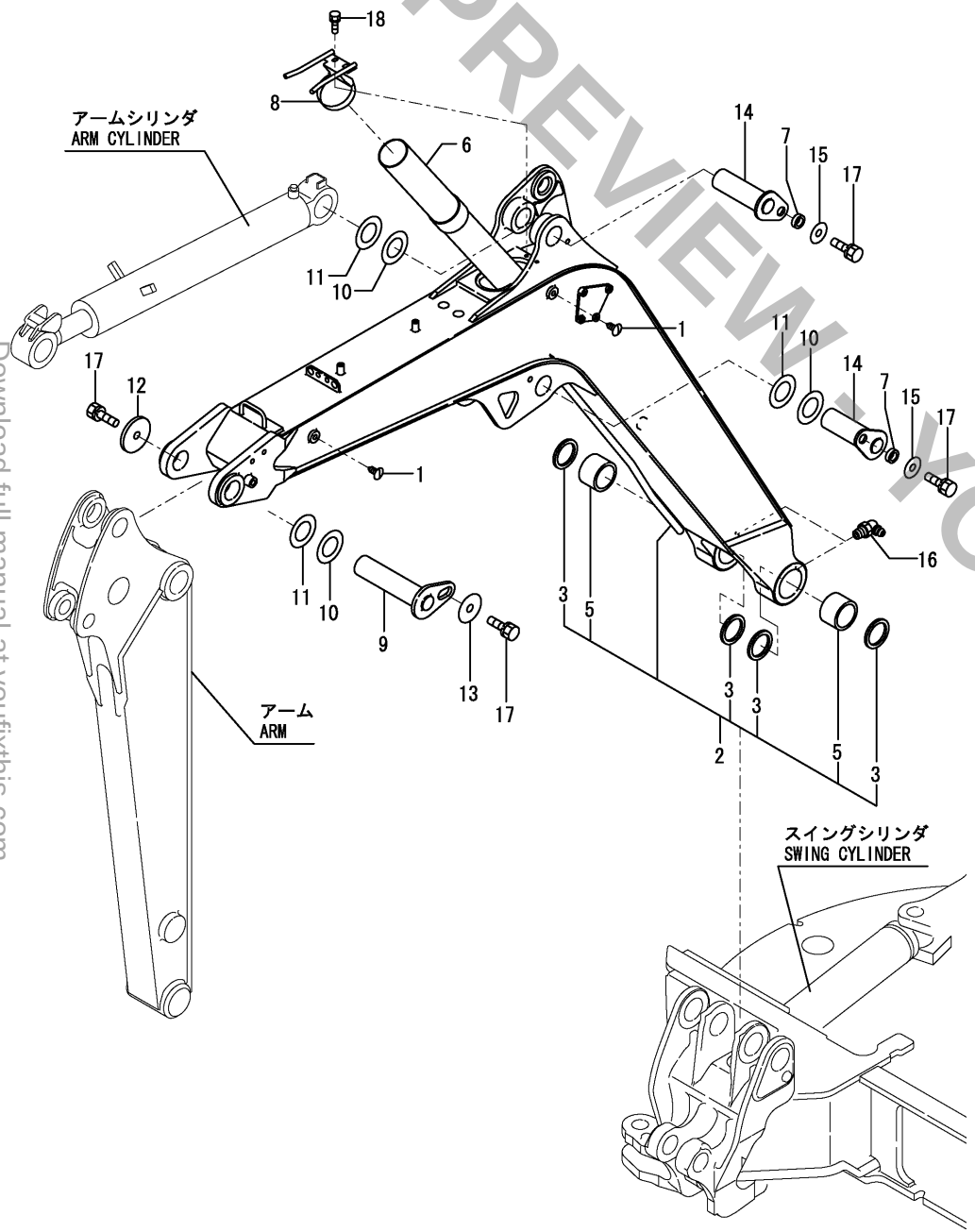
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Fig.149. BOOM

(A)=VIO35-3C(JP)
(B)=VIO35-3P(JP)
(C)=VIO35F-3C(JP)
(D)=VIO35F-3P(JP)
(E)=VIO35-3C(EX)
(F)=VIO35-3P(EX)



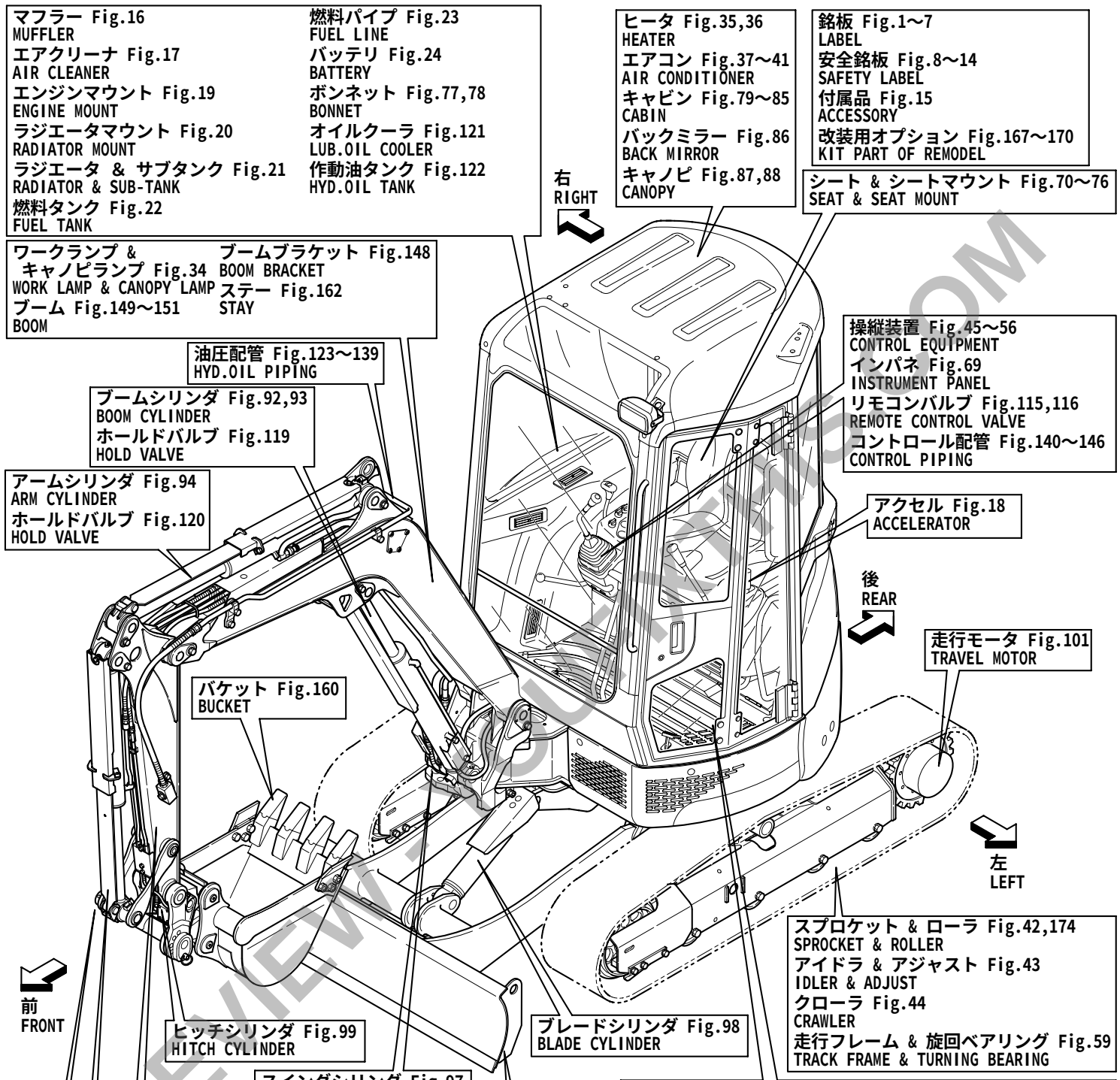
No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172176-68210	CLIP, TREE	5	5						
2	1	172A26-81070	BOOM CRANE(GREEN:97)	1	1						
3	2	172020-10620	SEAL, DUST	4	4						
5	2	172458-81400	BUSH 60X75X50	2	2						
6	1	172459-81451	PIPE ASSY, PTO	1	1						
7	1	172164-81670	SPACER	2	2						
8	1	172458-81751	CLAMP, PIPE	1	1						
9	1	172458-81840	PIN 50X209 ASSY	1	1						
10	1	172165-82520	SHIM	3	3						
11	1	172165-82530	SHIM	3	3						
12	1	172146-82910	SPACER	1	1						
13	1	172444-82990	WASHER	1	1						
14	1	172458-83650	PIN 50X153 ASSY	2	2						
15	1	22157-120000	WASHER, 12	2	2						
16	1	24761-050000	NIPPLE, GREASE C	2	2						
17	1	26013-120252	BOLT, M12X 25	4	4						
18	1	26014-080162	BOLT, M8X 16	2	2						

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

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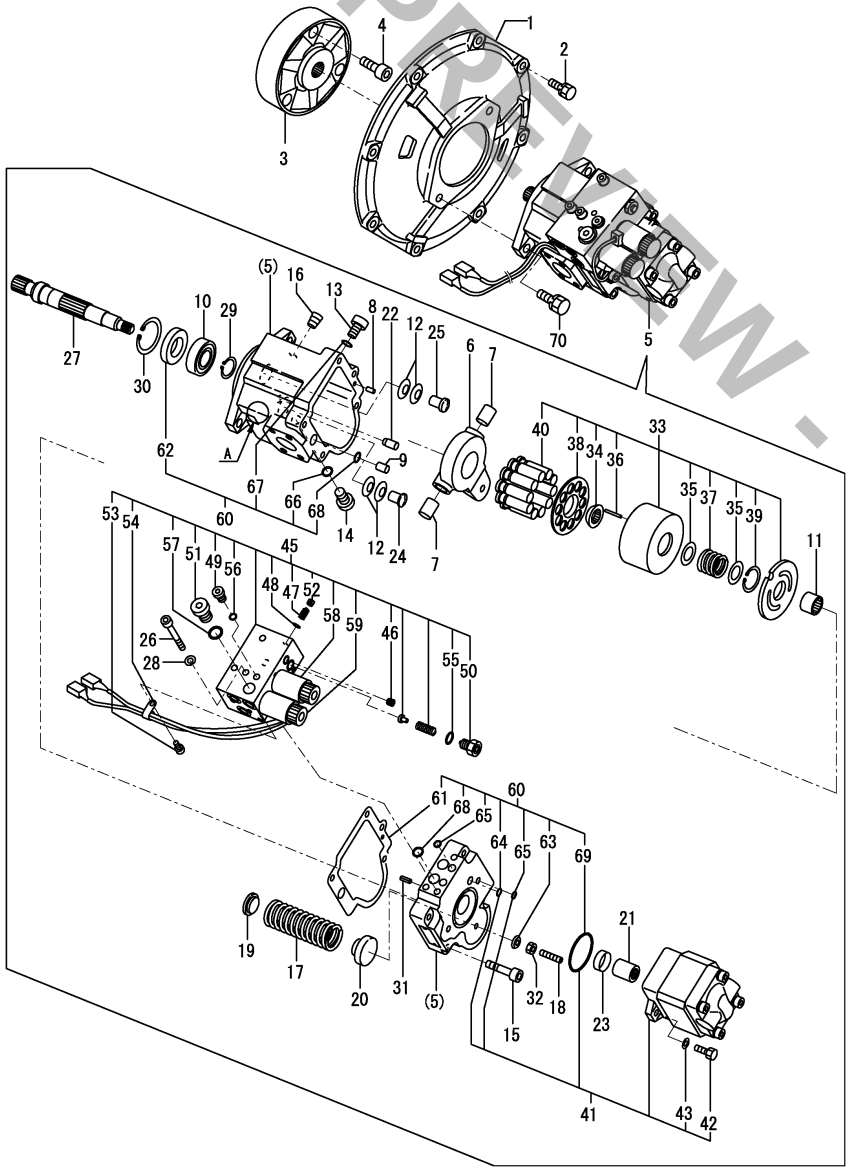
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Fig.89. HYD.OIL PUMP & JOINT



(A)=VIO35-3C(JP) (D)=VIO35F-3P(JP)
(B)=VIO35-3P(JP) (E)=VIO35-3C(EX)
(C)=VIO35F-3C(JP) (F)=VIO35-3P(EX)

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
45	2	172458-73620	BLOCK ASSY, VALVE	1	1						
45-1	2	172458-73621	BLOCK ASSY, VALVE	1	1					N	
	(A=*2014.10.)		(B=*2014.10.)								
46	3	172422-73550	PLUG	7	7						
47	3	172422-73620	SPRING	1	1						
48	3	172422-73630	FILTER	1	1						
49	3	172458-73630	PLUG	1	1						
50	3	172422-73640	ADJUSTER KIT	1	1						
51	3	172458-73640	PLUG	1	1						
52	3	172422-73650	PLUG	2	2						
53	3	172422-73660	BOLT	1	1						
54	3	172422-73670	CLAMP	1	1						
55	3	24311-000100	O-RING, 1AP10.0	1	1						
56	3	24315-000080	O-RING, 1BP8.0	1	1						
57	3	24315-000140	O-RING, 1BP14.0	1	1						
58	3	172458-73680	VALVE ASSY	1	1						3
59	3	172458-73690	VALVE ASSY	1	1						4
60	2	172422-73700	SEAL SET, PUMP	1	1						
61	3	172422-73170	GASKET	1	1						
62	3	172422-73510	SEAL, OIL	1	1						
63	3	172422-73570	WASHER	1	1						
64	3	24315-000070	O-RING, 1BP7.0	1	1						
65	3	24315-000080	O-RING, 1BP8.0	2	2						
66	3	24315-000110	O-RING, 1BP11.0	1	1						
67	3	24315-000110	O-RING, 1BP11.0	1	1						
68	3	24315-000120	O-RING, 1BP12.0	3	3						
69	3	24325-000550	O-RING, 1BG55.0	1	1						
70	1	26013-120352	BOLT, M12X 35	2	2						

Remarks
(1)A=REF.NO.5 NOT MARK,
NO.5-1 BLUE MARK.
(2)VIO35-3B:FROM M/#35001.
(3)For second gear traveling.
(4)For safety lock.

N:Old ◄Yes/No► New, Q:Old ◄No/Yes► New, R:Old ◄Yes/Yes► New, S:Old ◄No/No► New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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