

JV400-130 LX
JV400-160 LX

Mechanical Drawing

Change Tracking

Date	2014.04.30	Manual Ver.	2.4	Remark	
Page	Status	Rev.	Changes		
0-1	Revised	2.3	Deleted: No.4, 5, 6		
0-2	Revised	2.3	Added: No.52		
1-5	Revised	2.3	Ref No. are reshaken. : No.9 to 14		
13-1	Revised	2.4	Added: Remark		
13-2	Revised	2.4	Added: Remark		
13-3	Added	1.0	Added: Page		
13-4	Added	1.0	Added: Page		
14-1	Revised	2.3	Illustration replaced.		
14-2	Revised	2.3	[Part codes, Name of part]: No.7 Deleted: No.8 to 10, 37 [Part codes, Name of part, Quantity]: No.12, 13 [Part codes]: No.24, 42 [Name of part]: No.41 Added: No.43		

Date	2013.12.28	Manual Ver.	2.3	Remark	
Page	Status	Rev.	Changes		
12-2	Revised	R.2.3	[Part codes]: No.48		
14-2	Revised	R.2.3	[Part codes, Name of part]: No.13		

Date	2013.11.20	Manual Ver.	2.2	Remark	SGPR665(LX)/SGPR762(SUV) Separate volume
Page	Status	Rev.	Changes		
0-1, 0-2	Revised	R.2.2	All was reviewed		
1-1	Revised	R.2.2	No.1		
	Erased	R.2.2	No.23		
	Added	R.2.2	No.24 ~ 28		
1-2	Revised	R.2.2	Amendment list for the LX [Part codes, Name of part]: No.1 [Part codes, Quantity used]: No.2		
	Erased	R.2.2	No.8, 9, 11 ~ 15, 23		
	Added	R.2.2	No.24 ~ 28		
1-3	Revised	R.2.2	[Quantity used]: No.9, 12 ~ 15 No.10		
	Erased	R.2.2	No.22, 23		
	Added	R.2.2	No.24 ~ 26		
1-4	Revised	R.2.2	[Part codes]: No.2, 4, 20, 21 [Part codes, Remarks, Quantity used]: No.9 [Quantity used, Common Model]: No.12 ~ 13 [Part codes, Quantity used, Common Model]: No.14 [Quantity used]: No.15 [Part codes, Name of part]: No.16, 17		
	Erased	R.2.2	No.22, 23		
	Added	R.2.2	No.24 ~ 26		
1-5	Revised	R.2.2	No.5		
1-6	Revised	R.2.2	[Part codes]: No.2, 4, 6, 18, 24		
2-1	Added	R.2.2	New make		
2-2	Added	R.2.2	New make		

Change Tracking

Date	2013.11.20	Manual Ver.	2.2	Remark	SGPR665(LX)/SGPR762(SUV) Separate volume
Page	Status	Rev.	Changes		
2-3	Revised	R.2.2	No.6, 14		
2-4	Revised	R.2.2	[Part codes]: No.1, 2, 6, 9, 12, 14, 18, 20 [Part codes, Remarks]: No.4		
2-5	Revised	R.2.2	No.1, 7, 15, 28		
	Erased	R.2.2	No.6		
	Added	R.2.2	No.27 ~ 33		
2-6	Erased	R.2.2	No.6		
	Revised	R.2.2	[Part codes]: No.2, 4, 17, 26 [Part codes, Name of part]: No.7 [Quantity used, Common Model]: No.15		
	Added	R.2.2	No.27 ~ 33		
3-2	Revised	R.2.2	[Part codes]: No.3, 5 ~ 7, 15, 18		
3-4	Revised	R.2.2	Amendment list for the LX [Part codes]: No.4, 10		
4-1	Revised	R.2.2	[Quantity used]: No.5, 13		
	Added	R.2.2	No.26, 38 ~ 41		
4-2	Revised	R.2.2	Amendment list for the LX [Part codes, Quantity used]: No.13 [Part codes]: No.6, 13, 16, 30, 31		
	Added	R.2.2	No.37 ~ 41		
4-3	Revised	R.2.2	[Quantity used]: No.12		
	Added	R.2.2	No.13, 38 ~ 42		
4-4	Revised	R.2.2	Amendment list for the LX [Part codes]: No.2, 22, 26		
	Added	R.2.2	No.36 ~ 42		
5-2	Revised	R.2.2	[Part codes]: No.8		
6-2	Revised	R.2.2	[Part codes]: No.4, 9, 10, 15, 16, 18, 26, 28		
7-2	Revised	R.2.2	Amendment list for the LX [Part codes]: No.2, 12		
	Erased	R.2.2	No.14		
8-2	Revised	R.2.2	[Part codes]: No.2, 4, 5, 11, 14		
9-2	Revised	R.2.2	[Part codes]: No.4, 7, 20, 23, 29		
10-1	Revised	R.2.2	No.16, 33		
	Erased	R.2.2	No.25, 27, 29, 30		
	Added	R.2.2	No.35 ~ 40		
10-2	Revised	R.2.2	[Part codes]: No.4, 7, 12, 22, 26		
	Erased	R.2.2	No.25, 27, 29, 30		
	Added	R.2.2	No.35 ~ 40		
10-3	Added	R.2.2	No.40, 41		
10-4	Revised	R.2.2	[Remarks, Quantity used]: No.17 [Quantity used]: No.25 [Part codes]: No.30		
	Added	R.2.2	No.34 ~ 41		
10-5	Revised	R.2.2	No.1, 23, 31 ~ 34		
	Erased	R.2.2	No.4, 30, 35		
	Added	R.2.2	No.39 ~ 42		

Change Tracking

Date	2013.11.20	Manual Ver.	2.2	Remark	SGPR665(LX)/SGPR762(SUV) Separate volume
Page	Status	Rev.	Changes		
10-6	Revised	R.2.2	[Part codes, Name of part, Quantity used]: No.1 [Quantity used]: No.9 ~ 21, 24 ~ 29, 36, 38 [Remarks, Quantity used]: No.23, 37 [Part codes, Quantity used]: No.31 ~ 34		
	Erased	R.2.2	No.4, 30, 35		
	Added	R.2.2	No.39 ~ 42		
10-7	Revised	R.2.2	[Quantity used]: No.32		
	Erased	R.2.2	Erased:No.42, 43		
	Added	R.2.2	Added:No.44		
10-8	Revised	R.2.2	[Part codes]: No.3, 6, 7, 23, 26, 35 [Quantity used]: No.32		
	Erased	R.2.2	Erased:No.42, 43		
	Added	R.2.2	Added:No.44		
10-10	Revised	R.2.2	Amendment list for the LX [Part codes]: No.4, 7, 9, 10, 14, 16, 17, 22, 28, 37, 38		
11-1	Erased	R.2.2	No.43, 44, 48		
	Added	R.2.2	No.51		
11-2	Revised	R.2.2	Amendment list for the LX [Part codes]: No.3, 6, 12, 13, 18, 20 ~ 22, 24, 27, 39, 48		
	Erased	R.2.2	No.43, 44, 48		
	Added	R.2.2	No.51		
12-1	Erased	R.2.2	No.1 ~ 6, 8 ~ 14, 20 ~ 32		
	Revised	R.2.2	[Quantity used]: No.7, 17		
	Added	R.2.2	No.43 ~ 51		
12-2	Revised	R.2.2	Amendment list for the LX [Quantity used]: No.7, 17 [Part codes]: No.37, 39, 41		
	Added	R.2.2	No.43 ~ 51		
	Erased	R.2.2	No.1 ~ 6, 8 ~ 14, 20 ~ 32		
12-3	Revised	R.2.2	No.1		
	Erased	R.2.2	No.4		
	Added	R.2.2	No.9 ~ 13		
12-4	Revised	R.2.2	[Part codes, Quantity used]: No.1 [Part codes, Rank]: No.2		
	Erased	R.2.2	No.4		
	Added	R.2.2	No.9 ~ 13		
13-1	Added	R.2.2	No.40, 41		
13-2	Revised	R.2.2	[Part codes]: No.1, 2, 6, 11, 15, 19, 23, 30 ~ 32, 36 [Part codes, Rank]: No.37		
	Added	R.2.2	No.40, 41		
14-1	Added	R.2.2	No.41, 42		
14-2	Revised	R.2.2	[Part codes]: No.5 [Rank]:No.9 [Rank, Remarks]:No.10 [Part codes, Rank]: No.36		
	Added	R.2.2	No.10, 41, 42		
14-3	Revised	R.2.2	[Quantity used]: No.27		
	Erased	R.2.2	No.29		

Change Tracking

Date	2013.11.20	Manual Ver.	2.2	Remark	SGPR665(LX)/SGPR762(SUV) Separate volume
Page	Status	Rev.	Changes		
14-4	Revised	R.2.2	Amendment list for the LX [Part codes, Rank, Quantity used]: No.27 [Part codes]: No.4, 6, 9, 12, 13, 24, 28 [Part codes, Remarks] No.8		
	Erased	R.2.2	No.29		
15-1	Added	R.2.2	No.36 ~ 38		
15-2	Revised	R.2.2	[Part codes]: No.2, 6, 7, 9, 15, 16, 19, 21, 25, 34, 35		
	Added	R.2.2	No.36 ~ 38		
16-2	Revised	R.2.2	[Part codes]: No.2, 9, 12, 24 [Name of part]: No.21		
	Added	R.2.2	No.21		
17-2	Revised	R.2.2	Amendment list for the LX [Part codes]: No.2, 7, 9, 10		
	Erased	R.2.2	No.11~13		
17-4	Revised	R.2.2	Amendment list for the LX [Part codes]: No.2, 6, 13, 15, 18, 21, 24, 28~30		
	Erased	R.2.2	No.33~35		
18-2	Revised	R.2.2	[Part codes]: No.3, 6, 8, 19, 24, 27, 30		
19-2	Revised	R.2.2	[Part codes]: No.12, 13		
19-4	Revised	R.2.2	[Part codes]: No.11, 12		
20-1	Revised	R.2.2	Illustration replaced.		
20-2	Revised	R.2.2	Illustration replaced.		
21-1	Revised	R.2.2	Illustration replaced.		
21-2	Revised	R.2.2	Illustration replaced.		

Date	2013.04.12	Manual Ver.	2.1	Remark	Addition to the Damper Specification
Page	Status	Rev.	Changes		
0-1	Erased	R.1.1	No.5, 6		
	Revised	R.2.1	[Part codes]: No.12, 19		
0-2	Added	R.1.1	No.50 ~ 56		
3-2	Revised	R.2.1	[Part codes]: No.15		
10-1	Revised	R.2.1	No.6, 15		
10-2	Revised	R.2.1	[Part codes]: No.17		
10-1	Added	R.1.0	Additional page		
10-2	Added	R.1.0	Additional page		
10-3	Added	R.2.1	No.32		
10-4	Erased	R.2.1	No.22, 23, 28, 31		
	Revised	R.2.1	[Part codes, Name of part]: No.30		
	Added	R.2.1	No.32		
10-3	Added	R.1.0	Additional page		
10-4	Added	R.1.0	Additional page		
10-5	Added	R.1.0	Additional page		
10-6	Added	R.1.0	Additional page		
10-9	Erased	R.2.1	No.29, 30, 32, 33		
10-10	Erased	R.2.1	No.29, 30, 32, 33		
	Revised	R.2.1	[Part codes, Remark]: No.9		

Change Tracking

Date	2013.04.12	Manual Ver.	2.1	Remark	Addition to the Damper Specification
Page	Status	Rev.	Changes		
10-7	Added	R.1.0	Additional page		
10-8	Added	R.1.0	Additional page		
12-1	Erased	R.2.1	No.20 ~ 32		
12-2	Revised	R.2.1	[Quantity used]:No.1 ~ 14		
	Erased	R.2.1	No.20 ~ 32		
12-3	Added	R.1.0	Additional page		
12-4	Added	R.1.0	Additional page		
13-1	Added	R.1.0	Additional page		
13-2	Added	R.1.0	Additional page		
14-1	Erased	R.2.1	No.1, 2		
	Added	R.2.1	No.39		
14-2	Erased	R.2.1	No.1, 2		
	Added	R.2.1	No.39		
14-1	Added	R.1.0	Additional page		
14-2	Added	R.1.0	Additional page		
15-1	Revised	R.2.1	Change title Amendment for Illustration letter		
15-2	Revised	R.2.1	Change title		
16-2	Revised	R.2.1	[Part codes, Remarks]: No.13		

Date	2012.10.22	Manual Ver.	2.0	Remark	
Page	Status	Rev.	Changes		
1-1	Revised	R.1.1	No.22		
	Added	R.1.1	No.23		
1-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.17 (Addition to the SUV Specification) No.23		
3-4	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.5, 6, 8 (Addition to the SUV Specification)		
	Revised	R.1.1	[Part codes]: No.4		
4-1	Added	R.1.1	No.37		
4-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.15 (Addition to the SUV Specification) No.37		
4-3	Revised	R.1.1	[Quantity used]: No.4 No.32		
	Added	R.1.1	No.36, 37		
4-4	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.21 (Addition to the SUV Specification) No.36, 37		
	Revised	R.1.1	[Quantity used]: No.4		
5-2	Added	R.1.0	Additional page		
5-4	Added	R.1.0	Additional page		
7-1	Revised	R.1.1	No.1 (Accessory)		
	Added	R.1.1	No.14		
7-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.1, 2, 8, 9 (Addition to the SUV Specification) No.14		

Change Tracking

Date	2012.10.22	Manual Ver.	2.0	Remark	
Page	Status	Rev.	Changes		
10-1	Revised	R.1.1	No.13		
	Erased	R.1.1	No.11		
10-2	Erased	R.1.1	No.11		
10-3	Added	R.1.1	No.30		
	Erased	R.1.1	No.31		
10-4	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.22, 23, 28, 30 (Addition to the SUV Specification) No.32		
	Revised	R.1.1	[Remarks]: No.9 [Part codes, Remarks]: No.18		
10-9	Added	R.1.1	No.31, 32, 42 (Addition to the SUV Specification)		
10-10	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.29, 32 (Addition to the SUV Specification) No.42		
10-9	Revised	R.1.1	No.9		
10-10	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.6 ~ 8, 14 (Addition to the SUV Specification) [Part codes]: No.9 No.16		
11-1	Added	R.1.1	No.34, 50		
11-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.30, 33, 37 (Addition to the SUV Specification) No.49, 50		
12-1	Revised	R.1.1	No.5, 6		
	Added	R.1.1	No.17		
	Erased	R.1.1	No.22		
12-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification [Part codes]: No.7, 12, 21, 37 No.15, 16, 20, 28, 29 (Addition to the SUV Specification)		
	Revised	R.1.1	[Part codes, Remarks]: No.5, 6 [Part codes, Quantity used]:17		
	Erased	R.1.1	No.22		
14-1	Added	R.1.1	No.37, 38		
14-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification No.12, 13, 30, 31, 36 (Addition to the SUV Specification) [Part codes]: No.15 ~ 17, 21 No.37, 38		
14-4	Added	R.1.1	[Quantity used]: Addition to the SUV Specification [Part codes]: No.4, 6, 9, 12, 13, 24, 28 No.6, 11, 20, 22, 26, 27, 29 (Addition to the SUV Specification)		
	Revised	R.1.1	[Part codes, Remarks]: No.8		
17-1	Added	R.1.1	No.11 ~ 13		
17-2	Added	R.1.1	[Quantity used]: Addition to the SUV Specification [Part codes]: No.2, 7, 9, 10 No.11 ~ 13		
17-3	Added	R.1.1	No.6, 33 ~ 35		
	Erased	R.1.1	No.10		

Change Tracking

Date	2012.10.22	Manual Ver.	2.0	Remark	
Page	Status	Rev.	Changes		
17-4	Added	R.1.1	[Quantity used]: Addition to the SUV Specification [Part codes]: No.2, 13, 15, 18, 21, 24, 30 No.33 ~ 35		
	Revised	R.1.1	[Part codes, Quantity used]: No.6		
	Erased	R.1.1	No.10		
19-1	Added	R.1.0	Additional page		
19-2	Added	R.1.0	Additional page		
19-3	Added	R.1.0	Additional page		
19-4	Added	R.1.0	Additional page		
20-5	Added	R.1.0	Additional page		
20-6	Added	R.1.0	Additional page		

Date	2012.05.07	Manual Ver.	1.00	Remark	
Status	Index	Rev.	Changes		
Released		R.1.0	New issued		

Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver	Remark
Mechanical Drawing Contents							2.2



About recommended parts

The recommended parts are ranked as follows:

- A: Parts which may require to be replaced within one year after release. Parts to be replaced periodically.
- B: Parts recommended to be stocked by dealers

0. Recommended parts list
1. Cover, keyboard Assy. -1/3
2. PLATEN -1/3
3. Y-Bar -1/2
4. Printer Frame -1/2
5. Leg
6. Clamp
7. Bear Assy.
8. X-Drive
9. Y-Drive
10. Carriage -1/4
11. Ink Cartridge
12. Ink Pump, Air Pump -1/2
13. Wiper
14. Station -1/2
15. Wash cartridge
16. Electrical device
17. Take-Up device assy. -1/2
18. Roll assy.
19. Packing assy. (JV400-130)
20. Tube layout
21. Block Diagram

Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2014.04.30	F/W ver		Remark		
0. RECOMMENDED PARTS LIST										2.3

No.	Rank	Parts codes	Name of part	Devision	Remarks	Changed
1	A	MP-LCH-12100	Filter			
2	A	MP-M011571	Tube pump assy.			
3	A	MP-M013856	Constant pressure damper for maintenance assy.			
4		Not used				D
5		Not used				D
		Not used				D
6		Not used				D
7	B	MP-1033477	Cartridge sensor			
8	B	MP-1080249	Tube, Supply, f2;N		Rev.3~	
9	B	MP-D3M-01K1-3	Micro switch			
10	B	MP-E107592 or MP-E000011	EPL main PCB assy.			
11	B	MP-E000013	Central IO PCB assy.			
12	B	MP-E103852	150 lpi encoder PCB assy.			
13	B	MP-E105363	ID contact PCB CN032 assy.			
14	B	MP-E105986	DDR 2 PRAM (1GB) PCB assy.			
15	B	MP-E107415 or MP-E106738	HDC PCB assy.			
16	B	MP-E106740	Ink supply PCB assy.			
17	B	MP-E106802	Keyboard PCB assy.			
18	A	MP-E106807	Liquid solenoid assy.			
19	B	MP-E300495	Stepping motor			
20	B	MP-E300816	Ink cartridge solenoid			
21	B	MP-E300883	FFC 1.00-30P-3600			
22	B	MP-E300884	FFC 1.00-30P-3400			
23	B	MP-E300888	Linear encoder scale 2499			
24	B	MP-E300889	Linear encoder scale 2250			
25	B	MP-E300915	Non-contact temp sensor			
26	B	MP-HSJPE3-MMK3*5	Fluorine tube special (φ3xφ5)			
27	B	MP-LFA15F-5-GJ1	SW power supply(15W-5W)			
28	B	MP-M007464	Roll holder R assy. 33			
29	B	MP-M007478	JV33 take-up right (S) assy.		JV33	
30	B	MP-M007619	X-axis motor assy. 33		JV33	
31	B	MP-M007897	Roll holder Lv2 assy. 33			
32	B	MP-M007898	Wind-up left (s) v2 assy. 33		JV33	
33	B	MP-M012349	Heater PCB assy.			
34	B	MP-M012352	Gen5 head assy.			
35	B	MP-M012378	Y-axis motor assy. 33			
36	B	MP-OJ-6505-N2	Photo-interrupter			
37	B	MP-PBA600F-36	DC power supply(600W-36V)		Only stock	
	B	MP-M014883	DC power supply(36V) Assy.			
38	B	MP-PN-4-4*2.5	PN tube 2.5*4 milky 20M roll		JV33	
39	B	MP-PS-R11L-B	Photo sensor			
40	B	MP-SG113	Photo sensor ROHS			
41	B	MP-M013586	Constant pressure damper assy. B			
42	B	MP-E107395	Damper sensor PCB assy.		LX	
43	B	MP-M014384	GEN5 head (FCO) for maintenance assy.			
44	B	MP-M014397	Check valve protection assy.			
45	B	MP-M014607	GEN5 head Lx_AD for maintenance assy.			

Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2014.04.30	F/W ver	Remark
0. RECOMMENDED PARTS LIST							2.3

No.	Rank	Parts codes	Name of part	Devision	Remarks	Changed
46	B	MP-M013524	Valve N-3 M6 assy.		JV33, LX	
47	B	MP-M014841	Dumper adapter Assy.			
48	B	MP-M014724	Wiper assy. A			
49	B	MP-TP-SX-2x4	Tube			
50	B	MP-TP-SX-3x5	Tube			
51	B	MP-TP-SX-4x6	Tube			
52	A	MP-M015350	Cap base Assy.			A

1. COVER, KEYBOARD ASSY. -1/3

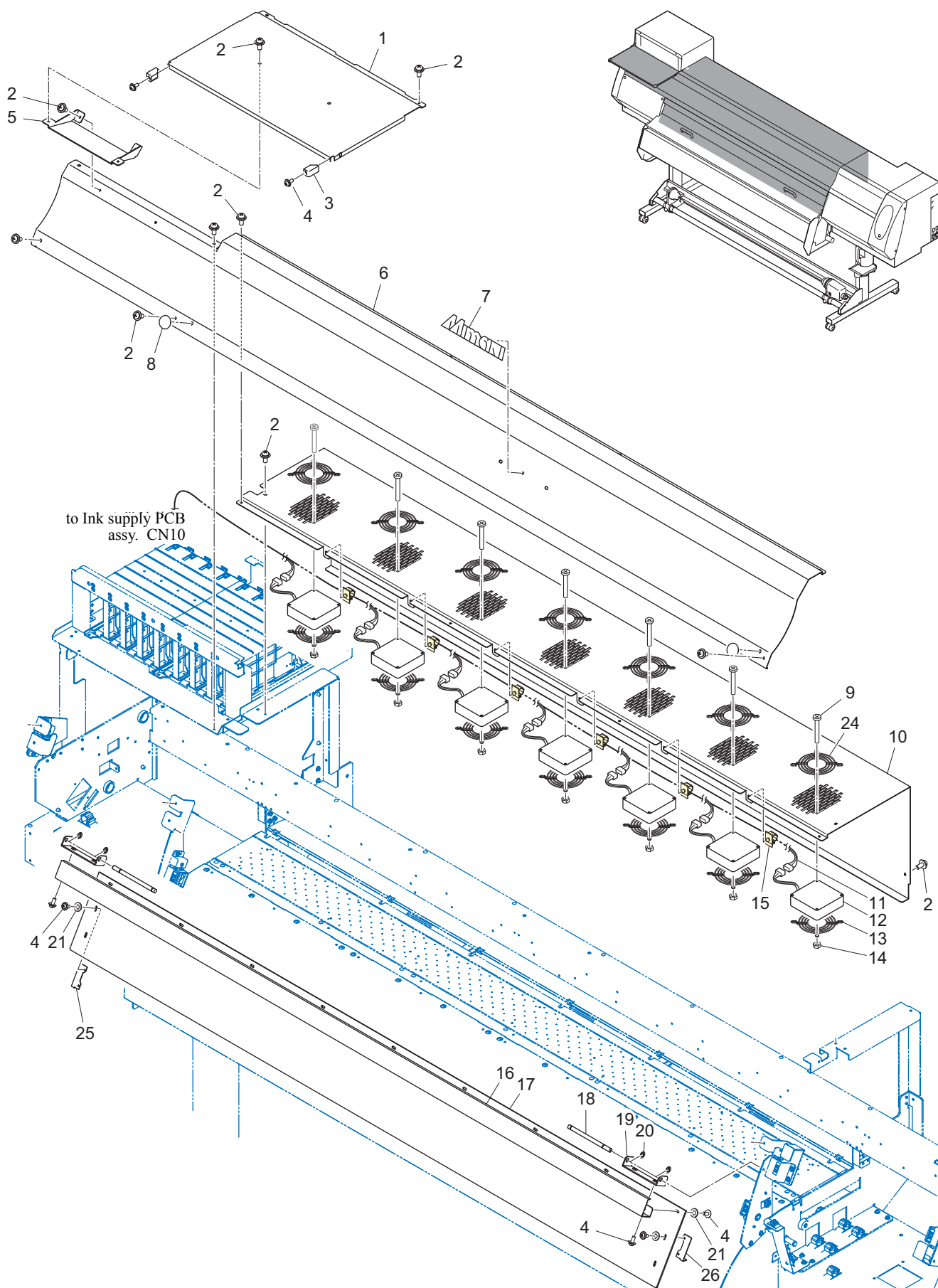
2.2

[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

1. COVER, KEYBOARD ASSY. -2/3

2.2



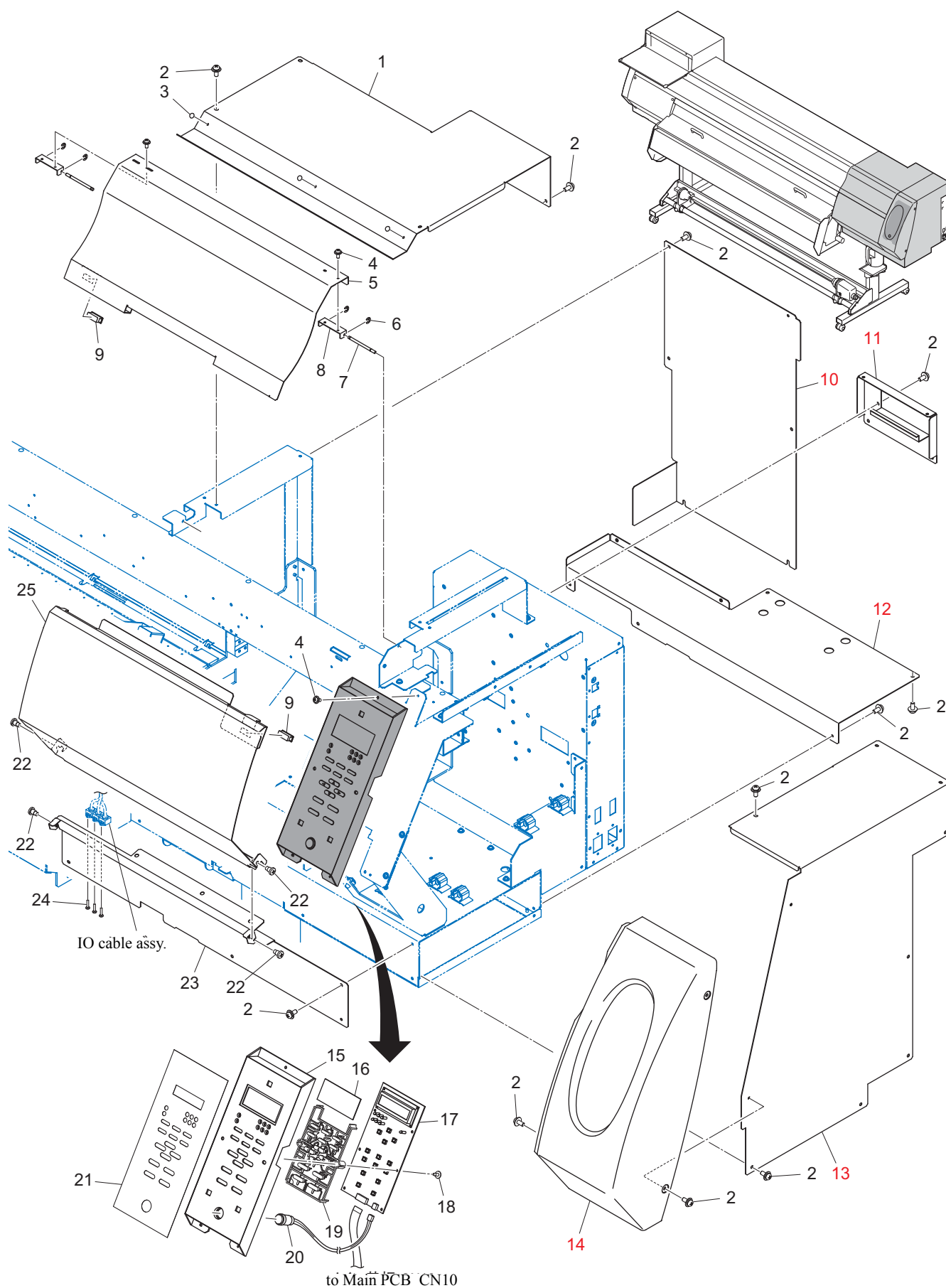
1. COVER, KEYBOARD ASSY. -2/3

2.2

[illegible]

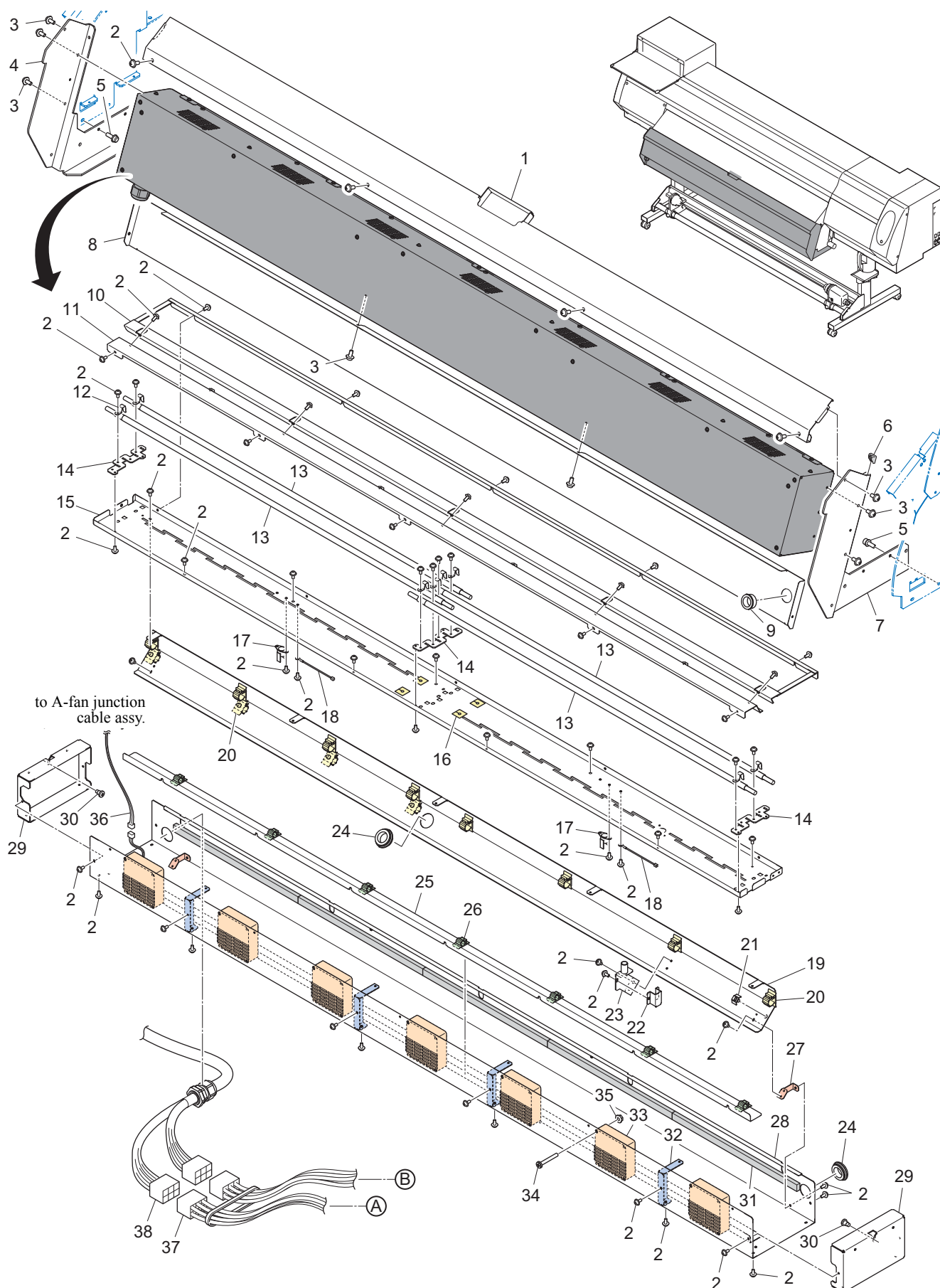
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

1. COVER, KEYBOARD ASSY. -3/3



1	R.2.2	P.6
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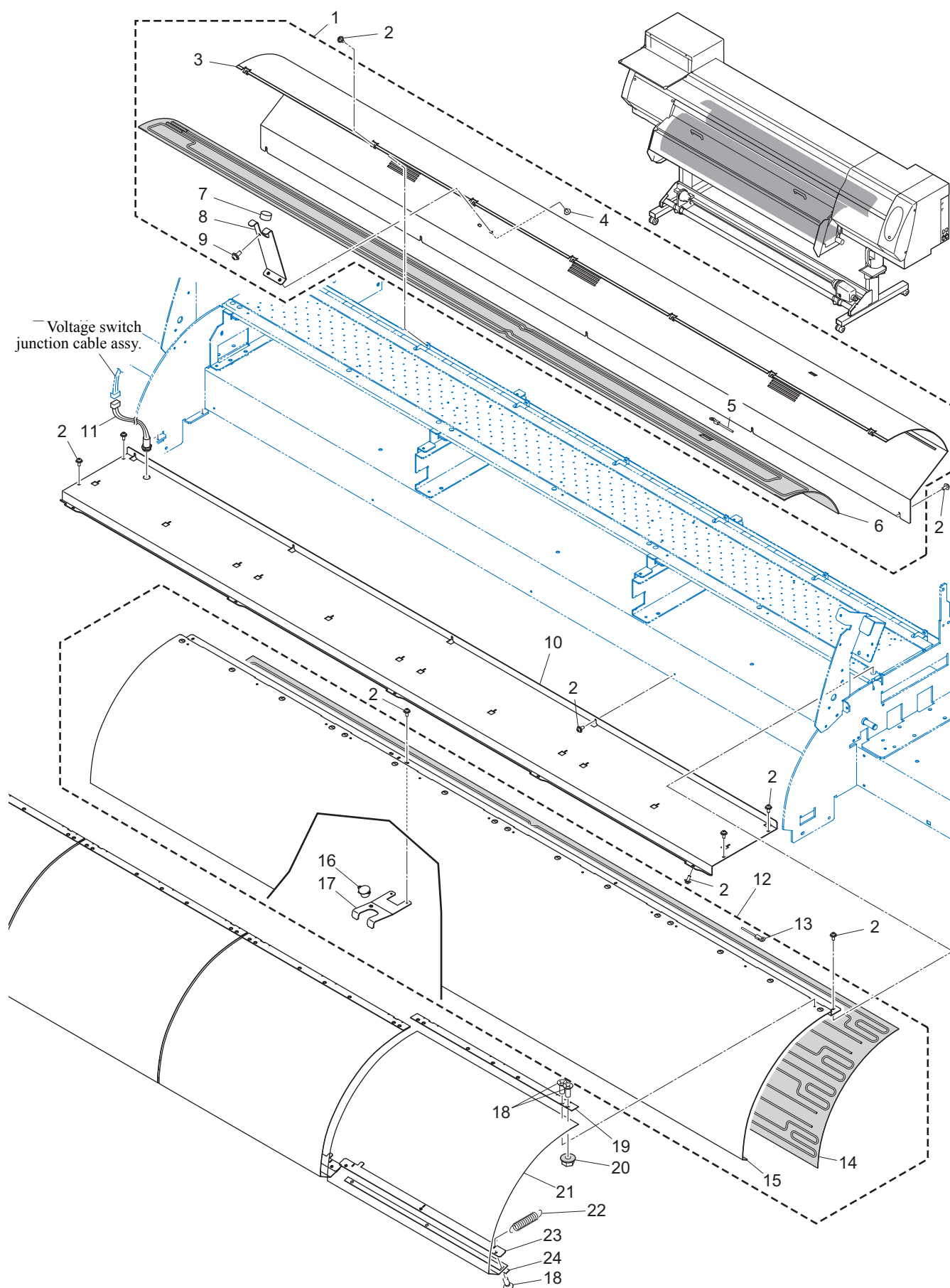
2. PLATEN -1/3



Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2013.11.20	Revised		F/W ver		Remark	DC1~	
2. PLATEN -1/3										2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M518317	Heater coverU 160		—	1				
		M518316	Heater coverU 130		1	—				
2		MM-000559	Screw	P3x8SMW Trivalent black cromat	60	73				
3		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	8				
4		M518322	Drying fan side plate L		→	1				
5		SCM435	10.9 flange socket	M5x15 Trivalent black cromat	→	4				
6		M700678	Corner guard		→	2				
7		M518323	Drying fan side plate R		→	1				
8		M518269	Heater skirt 160		—	1				
		M518268	Heater skirt 130		1	—				
9		MM-000675	One touch bushing	TB-1926	→	1				
10		M518266	Heater guard 160-2		—	1				
		M517713	Heater guard 130-2		1	—				
11		M518260	Heater fan cover 160		—	1				
		M517706	Heater fan cover 130		1	—				
12		M515004	Heater BKT B		→	8				
13		M012377	Carbon heater 800		2	4				
		M012380	Carbon heater 500		2	—				
14		M515002	Heater base B		→	3				
15		M518265	Reflector 160-2		—	1				
		M517710	Reflector 130-2		1	—				
16		M909931	Reflector shut up aluminum foil seal		→	4				
17		03EN7691A70	Thermostat		→	2				
18		E300555	Platen thermistor P assy.		→	2				
19		M518264	Reflector BKT 160A		—	1				
		M517708	Reflector BKT 130A		1	—				
20		MM-000037	Cable clamp UL	CKS-13-L	10	12				
21		TM2PWH25-C	Push-in type fixing metal fittings		→	1				
22		M515006	T sensor holder		→	1				
23		M517712	T sensor BKT 2		→	1				
24			Grommet with flame retardant curtain φ28	C-30-SG-28A-EP-UL	→	2				
25		M518267	Fan BKT 160-2		—	1				
		M517711	Fan BKT 130-2		1	—				
26		MM-000035	Cable clamp UL	CKS-10-L	6	7				
27		M518674	Heater coverBKT		→	2				
28		M518263	Heater cover160		—	1				
		M517707	Heater cover130		1	—				
29		M517705	Heater fan cover BKT 2		→	2				
30		M400284	Black screw for belt	Small box - container 1	→	2				
31		M801854	Heat insulator 328		4	5				
32		M517709	Reflector BKT B		3	4				
33		E106963	Ceiling fun assy.		6	7				
34		MM-001437	Screw	B4x30 Trivalent black cromat	12	14				
35		MM-000190	Nut	N4 Trivalent cromat, washer11, flange serrated	12	14				
36		E106822	A-fan cable 160 assy.		—	1				
		E106856	A-fan cable 130 assy.		1	—				
37		E106966	Outside heater junction cable 160 assy.		—	1				
		E106967	Outside heater junction cable 130 assy.		1	—				
38		E106965	Outside heater relay cable assy.		→	1				

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

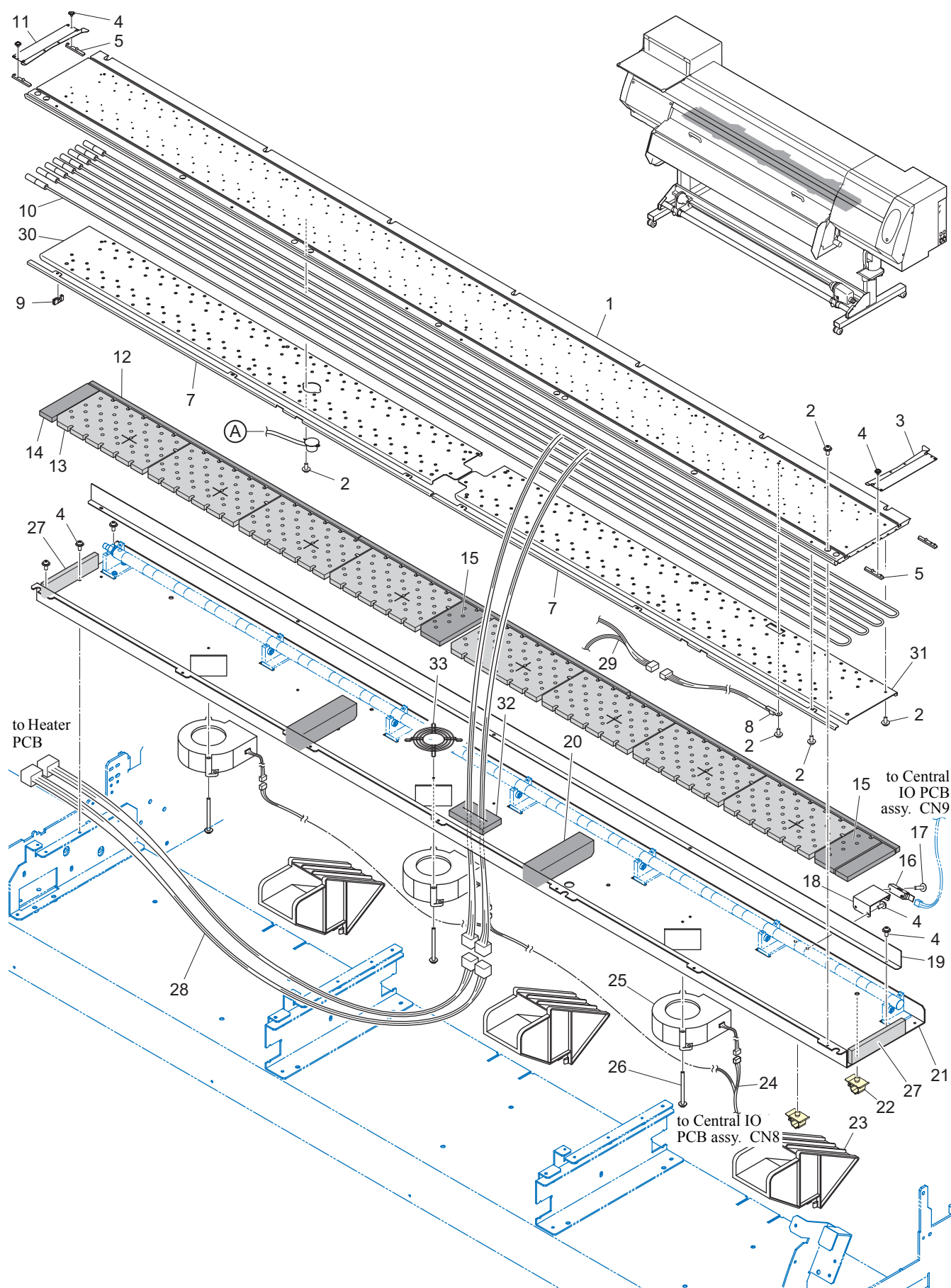
2. PLATEN -2/3**2.2**

2. PLATEN -2/2

2.2

[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

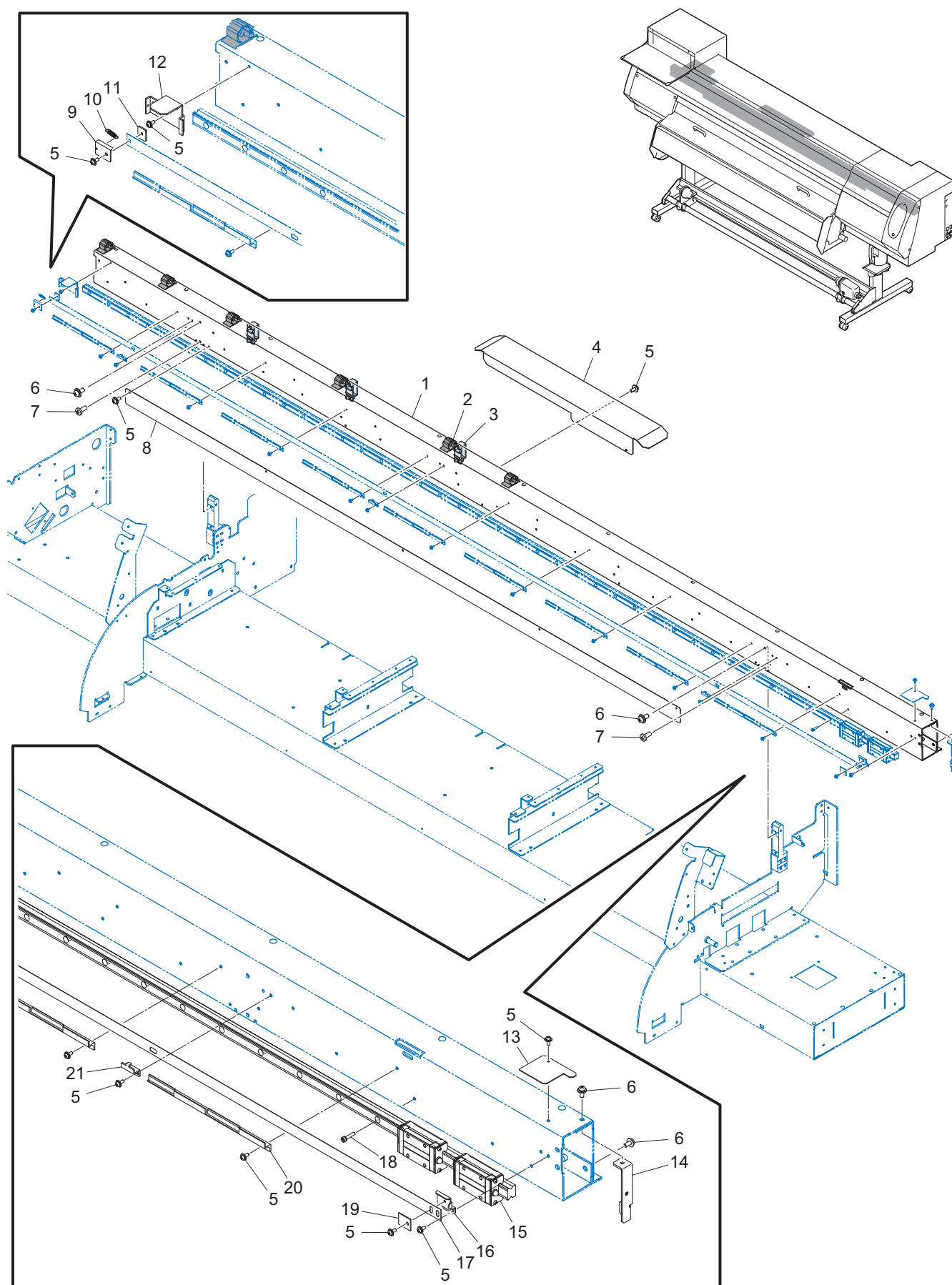
2. PLATEN -3/3**2.2**

Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver		Remark	DC1~	
2. PLATEN -3/3										2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M301232	P platen 160 LX		—	1				
		M301234	P platen 130 LX		1	—				
2		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	→				C
3		M514498	Media plate 200 R		→	→				
4		MM-000917	Screw	P2x4SMW Trivalent cromat	→	→				C
5		M400348	Media holder guide 33		→	→		JV33		
6		Not used								D
		Not used								D
7		M518665	Heater holder plate F 160 B		—	1				C
		M518666	Heater holder plate F 130 B		1	—				C
8		E300555	Platen thermistor P assy.		→	→				
9		MM-000902	Locking edge saddle	EDS-0704L-VO	→	→				
10		E300866	Code type heater P160 assy.		—	1				
		E300870	Code type heater P130 assy.		1	—				
11		M514499	Media plate 200 L		→	→				
12		M801556	Heat insulator A		—	3		Rev.2~		
		M801562	Heat insulator A 130		3	—		Rev.2~		
13		M801559	Heat insulator adsorption		7	8		Rev.2~		
14		M801557	Heat insulator B		→	→		Rev.2~		
15		M801561	Heat insulator adsorption end 160		—	2		Rev.12~		C
		M801560	Heat insulator adsorption end 130		2	—		Rev.12~		C
16	B	MP-PS-R11L-B	Photo sensor		→	→				
17		MM-000532	Screw	P3x14SMW Trivalent cromat	→	→				C
18		M514685	P sensor angle R		→	→				
19		M514489	Platen frame shield plate 160		—	1				
		M514813	Platen frame shield plate 130		1	—				
20		M908651	Adsorption pad 200		→	→				
21		M514725	Platen flame 200_130		—	1				
		M514804	Platen flame 200_160		1	—				
22		MM-000037	Cable clamp UL	CKS-13-L	→	→				
23		M602867	Back exhaust duct		→	→				
24		E106819	Adsorption fan junction cable 160 assy.		—	1				
		E106844	Adsorption fan junction cable 130 assy.		1	—				
25		E300482	Adsorption fan assy.		→	→				
26		MM-000990	Screw	P3x40SMW Trivalent cromat	→	→				C
27		M909996	Adsorption pad end		→	2				A
28		E107498	Heater relay cable assy.		→	1				A
29		E107645	Thermistor extend cable assy.		→	1				A
30		M906554	Shield sponge 260		→	1				A
31		M518028	Heater holder plate 160 L		→	1				A
32		M518027	Heater holder plate 160 R		→	1				A
33		109-049E	Finger guard		→	1				A

*1 P. Supply quantity *2 M. Changed (A. Added part, D. Deleted part, C. Changed part)

3. Y-BAR -1/2



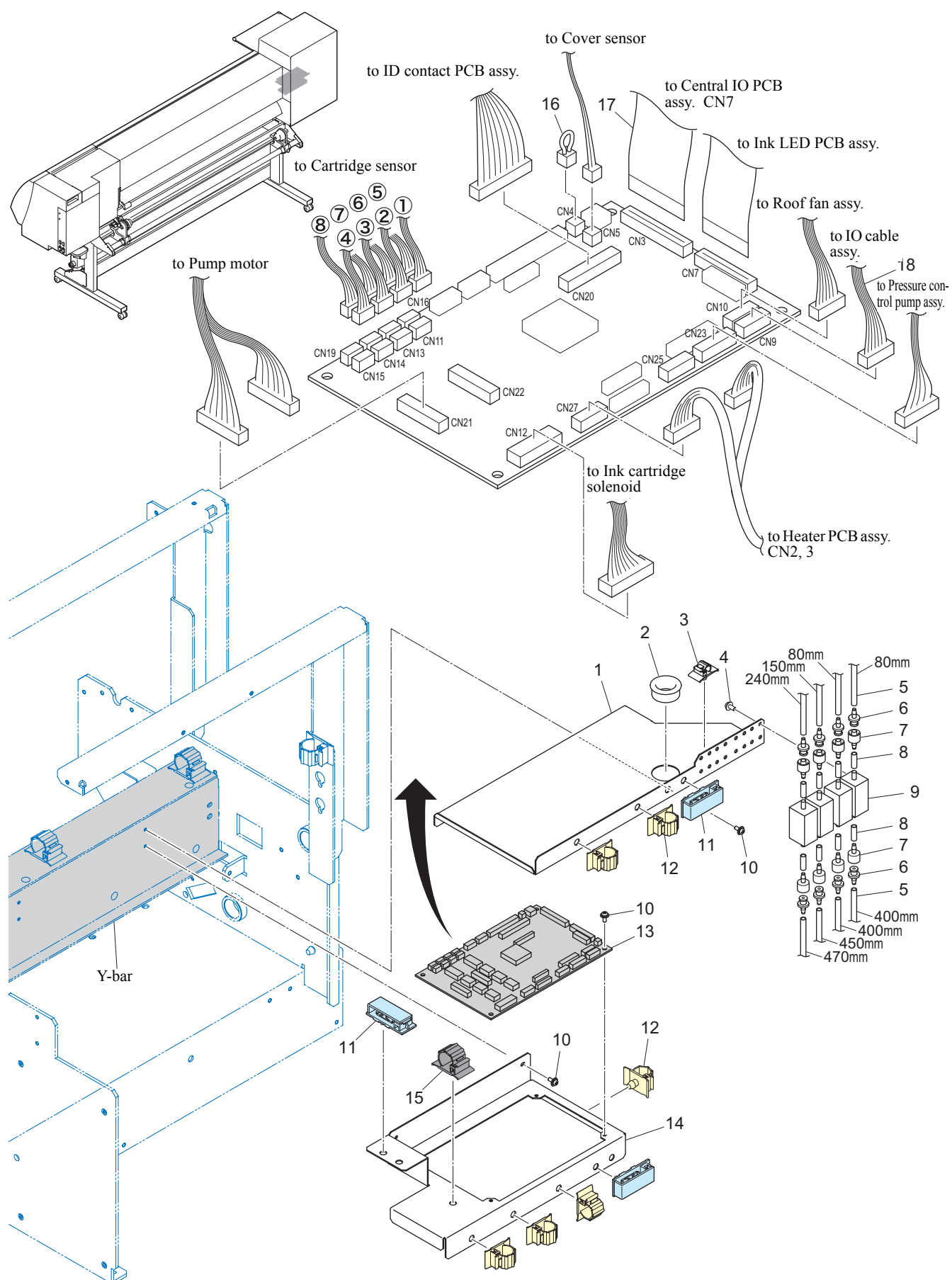
3. Y-BAR -1/2

2.2

[illegible]

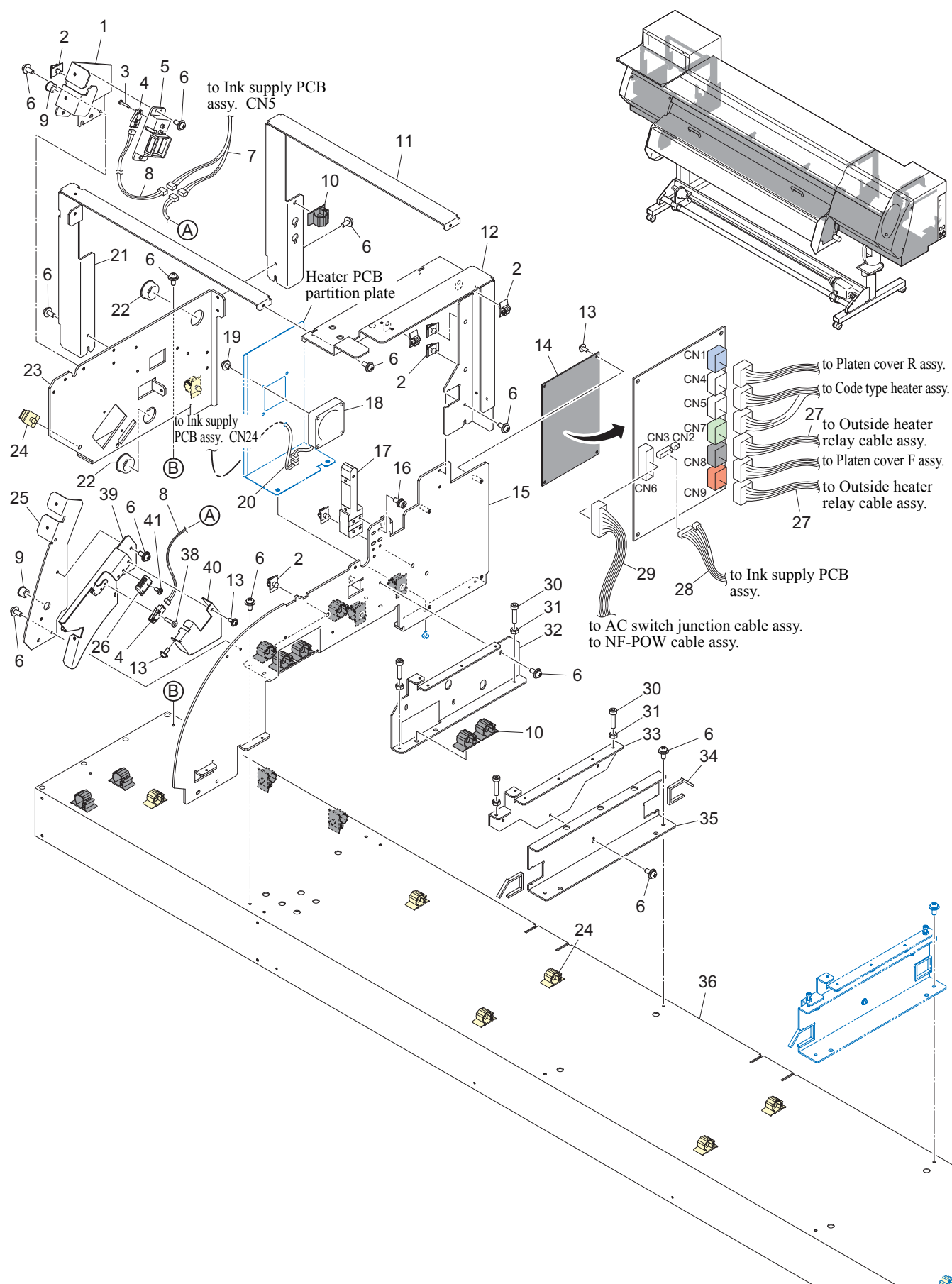
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

3. Y-BAR -2/2



*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

4. PRINTER FRAME -1/2

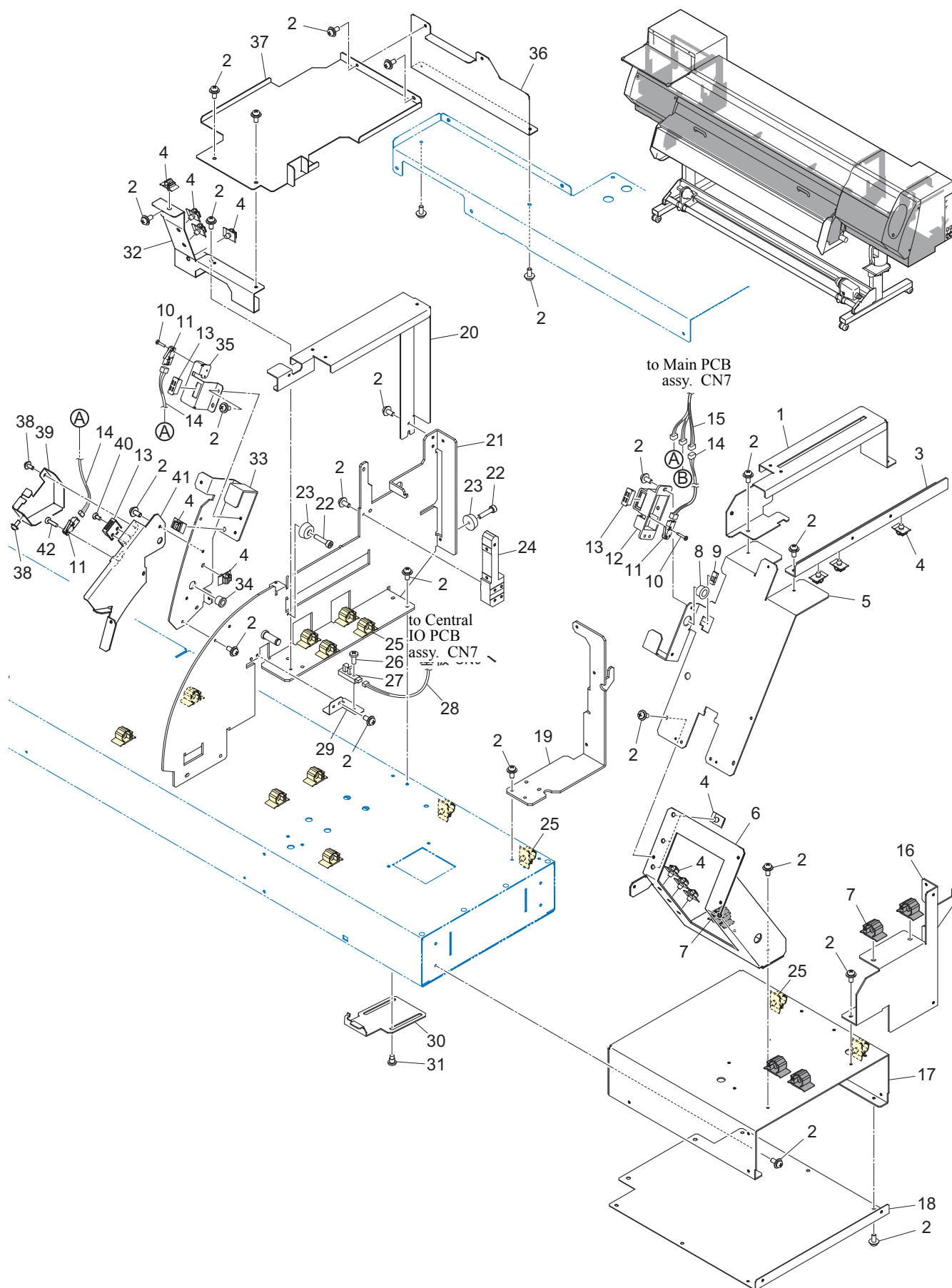


Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver		Remark	DC1~	
4. PRINTER FRAME -1/2										2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514750	Cover SW BKT L		→	1				
2		MM-000033	Cable clamp UL	CKS-07-L	→	7				
3			Screw	2x12 Trivalent cromat	→	4				
4	B	MP-D3M-01K1-3	Micro switch		→	2				
5		M602228	Switch cover		→	2		JV33		
6		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	35				C
7		E106842	Cover sensor L cable assy.		→	1				
8		E106950	Cover sensor junction cable assy.		→	2				
9		MM-001162	One touch bushing	TB-0813	→	2				
10		MM-000039	Cable clamp UL	CKS-16-L	→	9				
11		M514981	Cartridge flame Lx3		→	1				
12		M514745	Cartridge flame Lx2		→	1				
13		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	6				C
14	B	MP-M012349	Heater PCB assy.		→	1				
15		M514490	P side plate L		→	1				
16		MM-000319	Screw	CS4x10SMW Trivalent black cromat	→	4				C
17		M400350	Y bar block		→	1				
18		E106806	Carriage fan assy.		→	1				
19			Screw	P4x3SMW Trivalent black cromat	→	2				
20		E107210	Heater PCB fan junction cable assy.		→	1				
21		M514746	Cartridge flame LX 1		→	1				
22		MM-000675	One touch bushing	TB-1926	→	2				
23		M514743	X drive side plate		→	1				
24		MM-000037	Cable clamp UL	CKS-13-L	→	8				
25		M514748	Front cover flame L		→	1				
26		TL-295-2	Magnet catch		→	1				
27		E106964	Outside heater cable assy.		→	1				
28		E106951	Voltage switch junction cable assy.		→	1				
29		E106810	AC switch cable 160 assy.		→	1				
		E106849	AC switch cable 130 assy.		→	1				
30		MM-001147	Hexagon socket head screw	CS4x18 Trivalent black cromat	→	6				C
31		MM-000186	Nut	N4 (type-1) Trivalent cromat	→	6				C
32		M514491	P side plate ADL		→	1				
33		M514493	P center unglue 1LX		→	2				
34		MM-001270	Lock edge saddle		→	4				
35		M514492	P center unglue 2LX		→	2				
36		M514502	Main flame 160		→	1				
		M514802	Main flame 130		→	1				
37		109-139E	Finger guard		→	1				A
38		MM-000210	Screw	B2x8 Trivalent cromat	→	2				A
39		M518318	Dog spacer L		→	1				A
40		M518320	Sensor cover L		→	1				A
41		MM-000223	Screw	B3x6 Trivalent black cromat	→	2				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

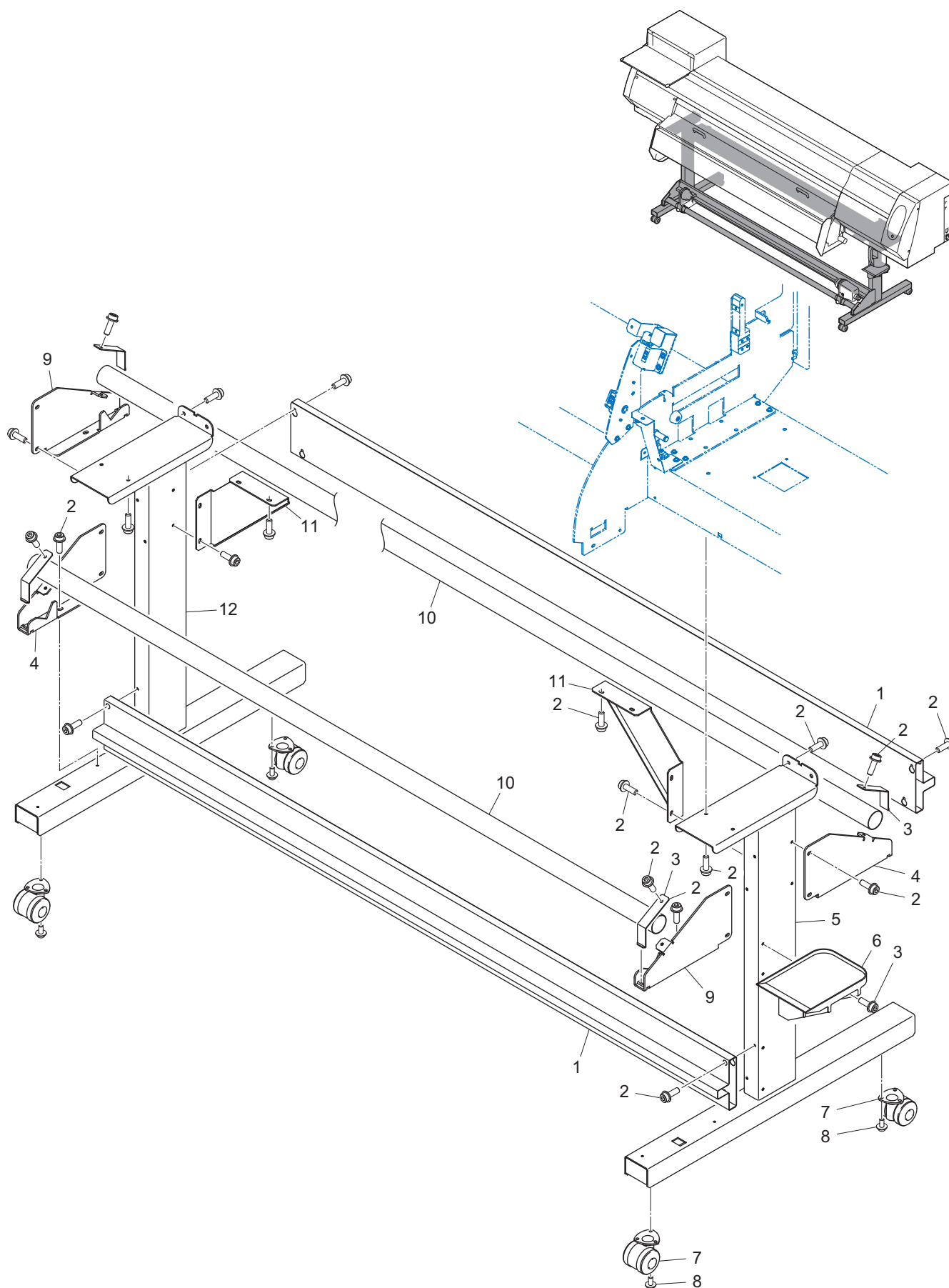
4. PRINTER FRAME -2/2



Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver		Remark	DC1~	
4. PRINTER FRAME -2/2										2.2

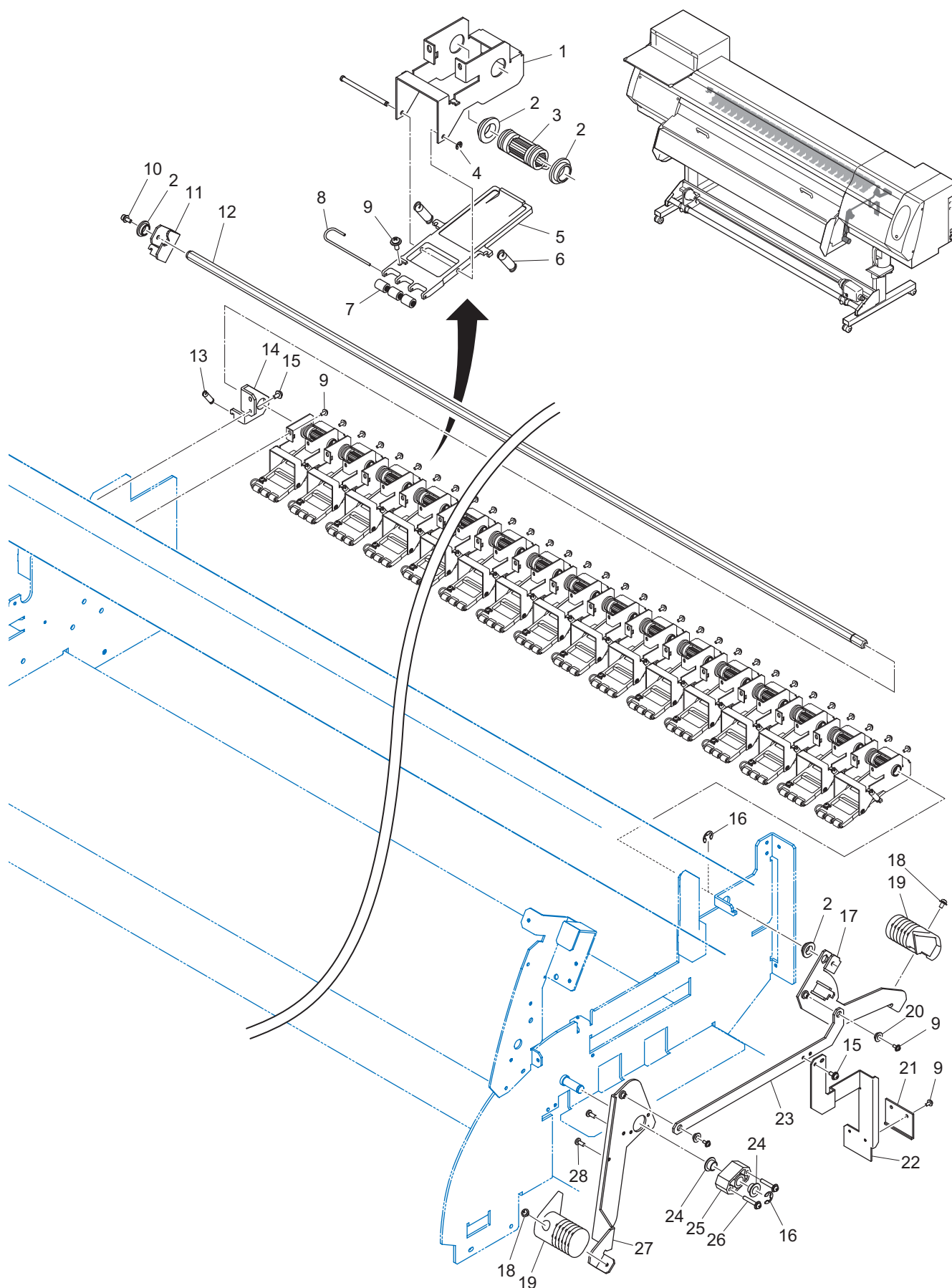
No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514751	Rear cover flame R		→	1				
2		MM-000565	Screw	P4x10SMW Trivalent black cromat	56	62				C
3		M514687	PC cartridge base BKT		→	1				
4		MM-000033	Cable clamp UL	CKS-07-L	→	15				C
5		M514717	KB BKT		→	1				
6		M514991	KB BKT D		→	1				
7		MM-000039	Cable clamp UL	CKS-16-L	→	5				
8		MM-000673	One touch bushing	TB-1116	→	1				
9		MM-000902	Locking edge saddle	EDS-0704L-VO	→	1				
10			Screw	2x12 Trivalent cromat	→	6				
11	B	MP-D3M-01K1-3	Micro switch		→	3				
12		M602228	Switch cover		→	2		JV33		
13		TL-295-2	Magnet catch		→	3				
14		E106950	Cover sensor junction cable assy.		→	3				
15		E106843	Cover sensor R cable assy.		→	1				
16		M514508	S side plate R		→	1				
17		M514509	Extend flame 160		→	1				
		M514803	Extend flame 130		→	1				
18		M514510	Extend flame base plate 160		→	1				
19		M514744	P side plate R 2		→	1				
20		M514747	Y cover flame R		→	1				
21		M514495	P side plate R 1		→	1				
22		MM-000337	Screw	CS4x18 Trivalent black cromat	→	2				C
23		TK-24	Rubber foot		→	2				
24		M400350	Y bar block		→	1				
25		MM-000037	Cable clamp UL	CKS-13-L	→	13				
26		MM-000911	Screw	B4x10 Trivalent cromat	→	1				C
27	B	MP-OJ-6505-N2	Photo-interrupter		→	1				
28		E106818	S sensor cable assy.		→	1				
29		M514753	CL sensor BKT		→	1				
30		M514754	Tank stopper		→	1				
31		M400284	Black screw for belt		→	2				
32		M514689	Wiring BKT		→	1				
33		M514716	Front cover flame R		→	1				
34		MM-001162	One touch bushing	TB-0813	→	1				
35		M514688	Maintenance switch cover		→	1				
36		M515892	ST wiring cover BKT F		→	1				A
37		M515894	ST wiring cover		→	1				A
38		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	2				A
39		M518321	Sensor cover R		→	1				A
40		MM-000223	Screw	B3x6 Trivalent black cromat	→	2				A
41		M518319	Dog spacer R		→	1				A
42		MM-000210	Screw	B2x8 Trivalent cromat	→	2				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)



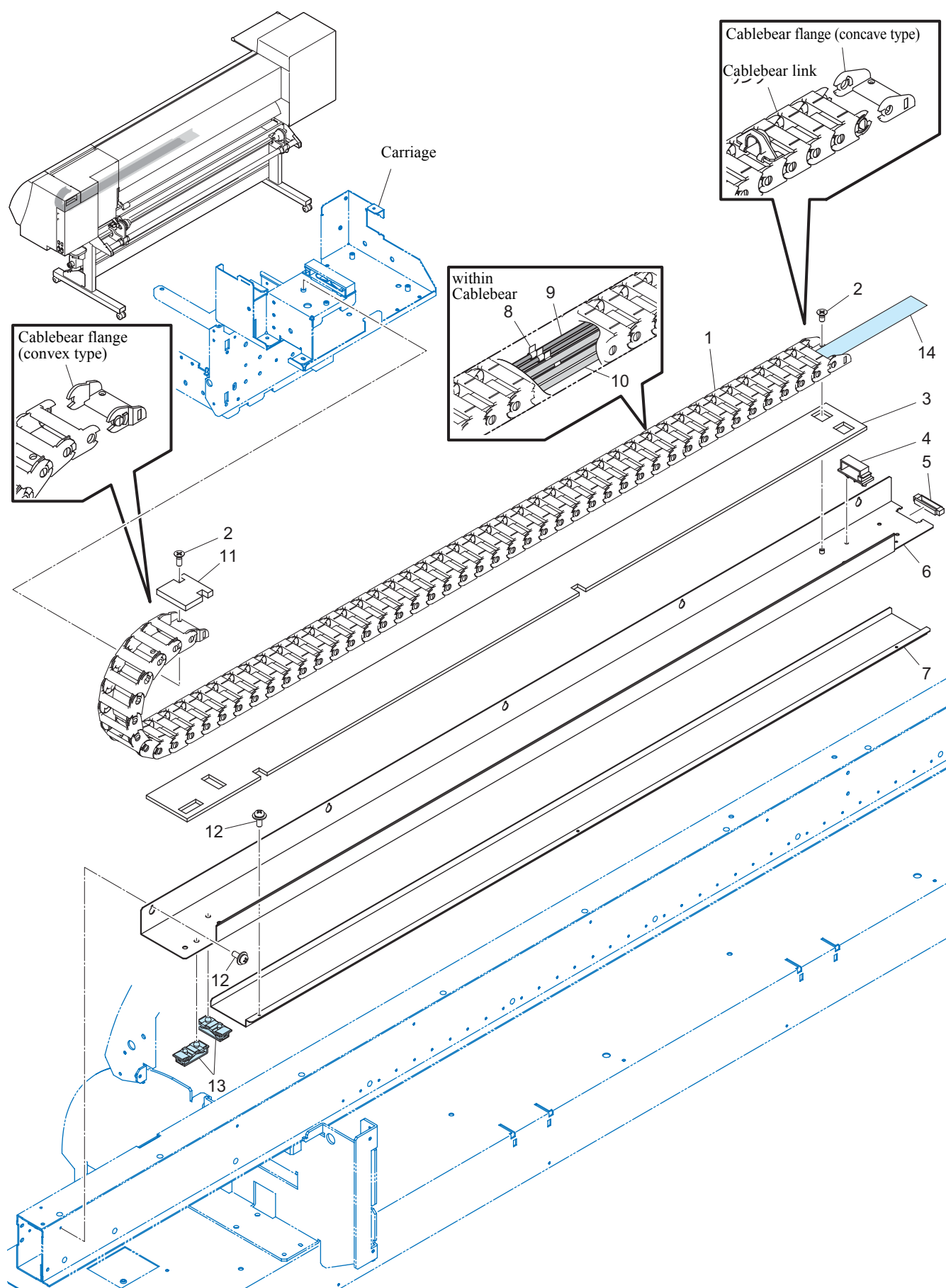
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

6. CLAMP



11. Supply quantity	2 M. Changed (A. Added part, D. Deleted part, C. Changed part)
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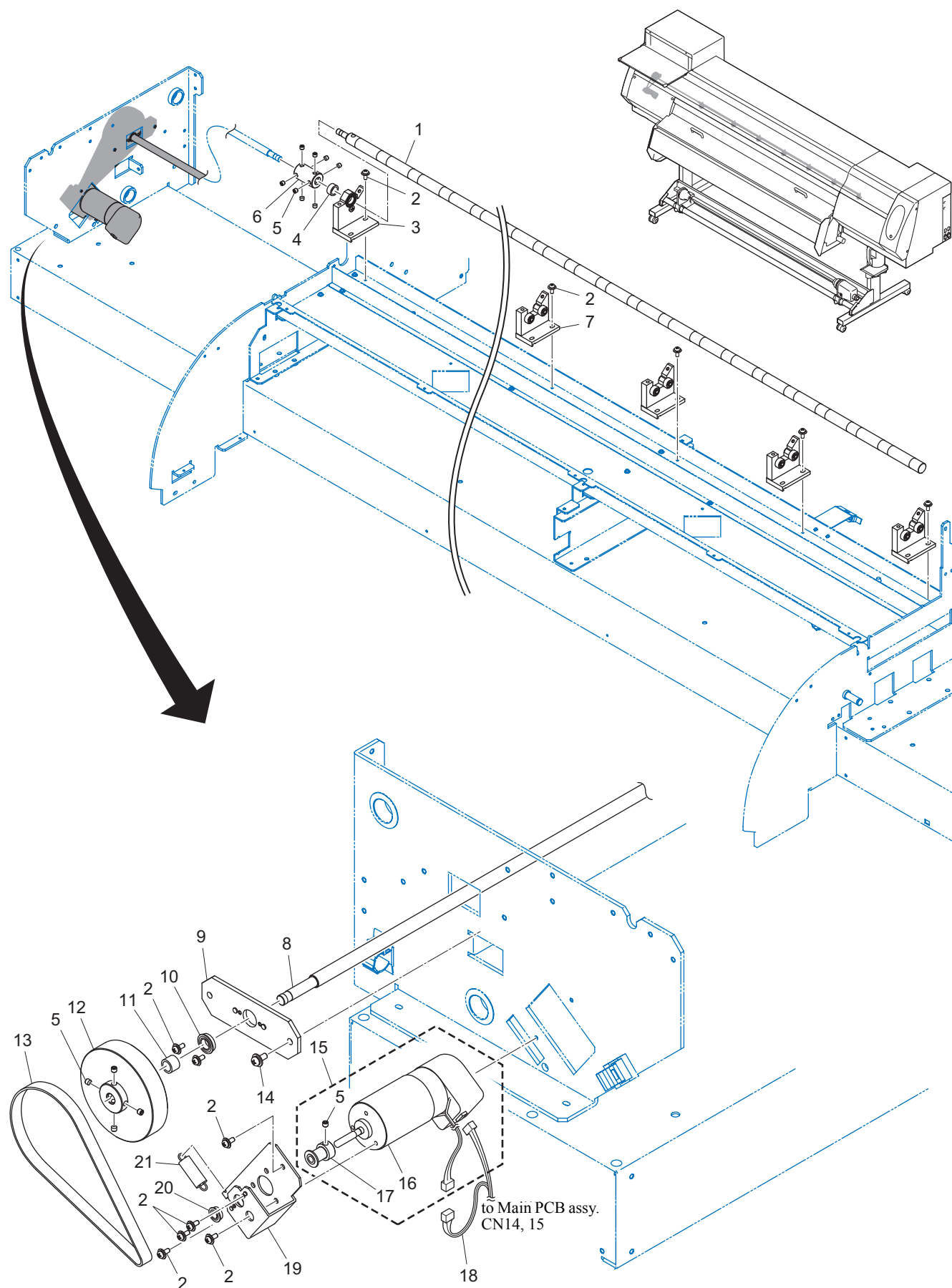
7. BEAR ASSY.



[illegible]

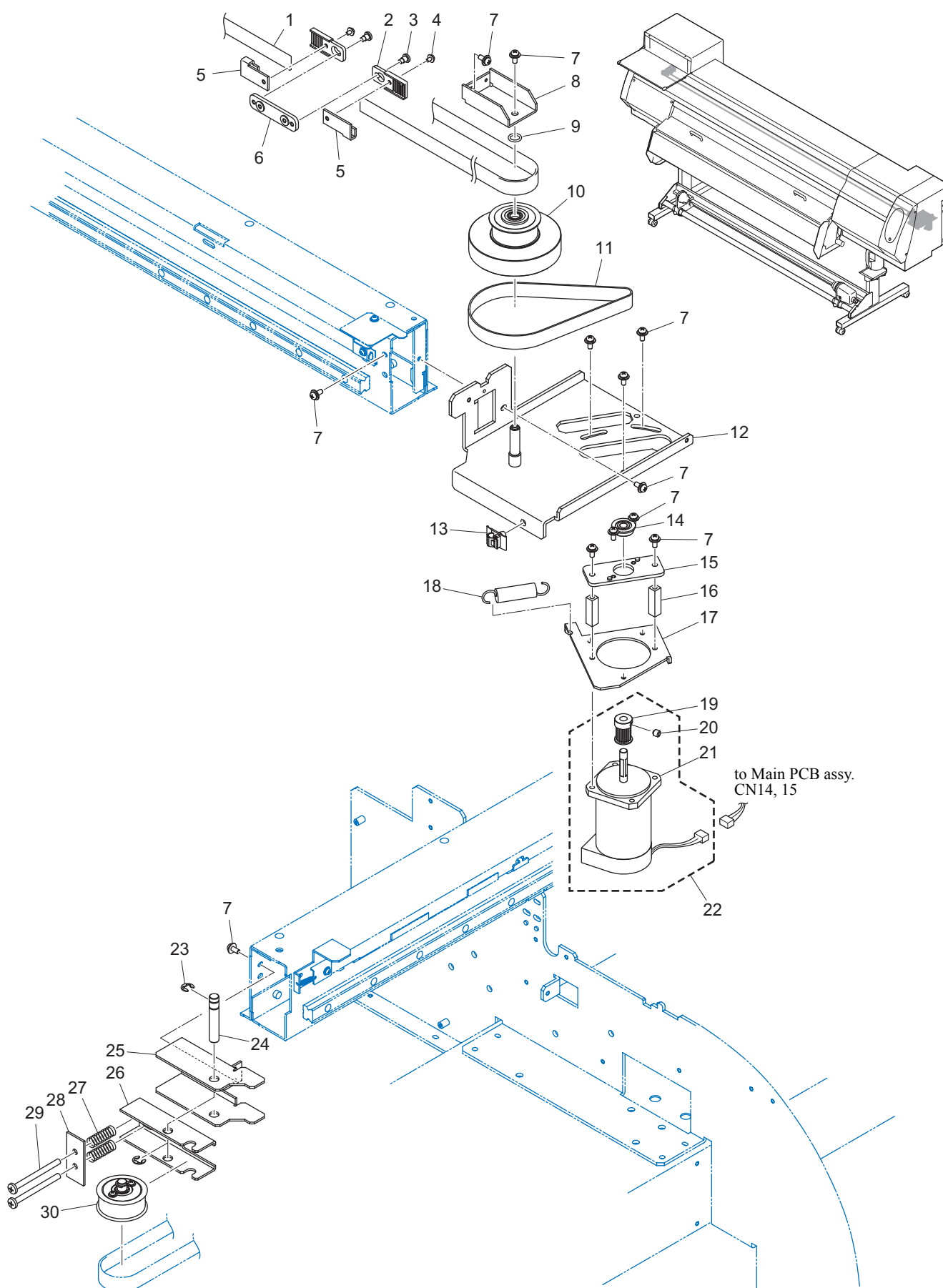
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

8. X-DRIVE

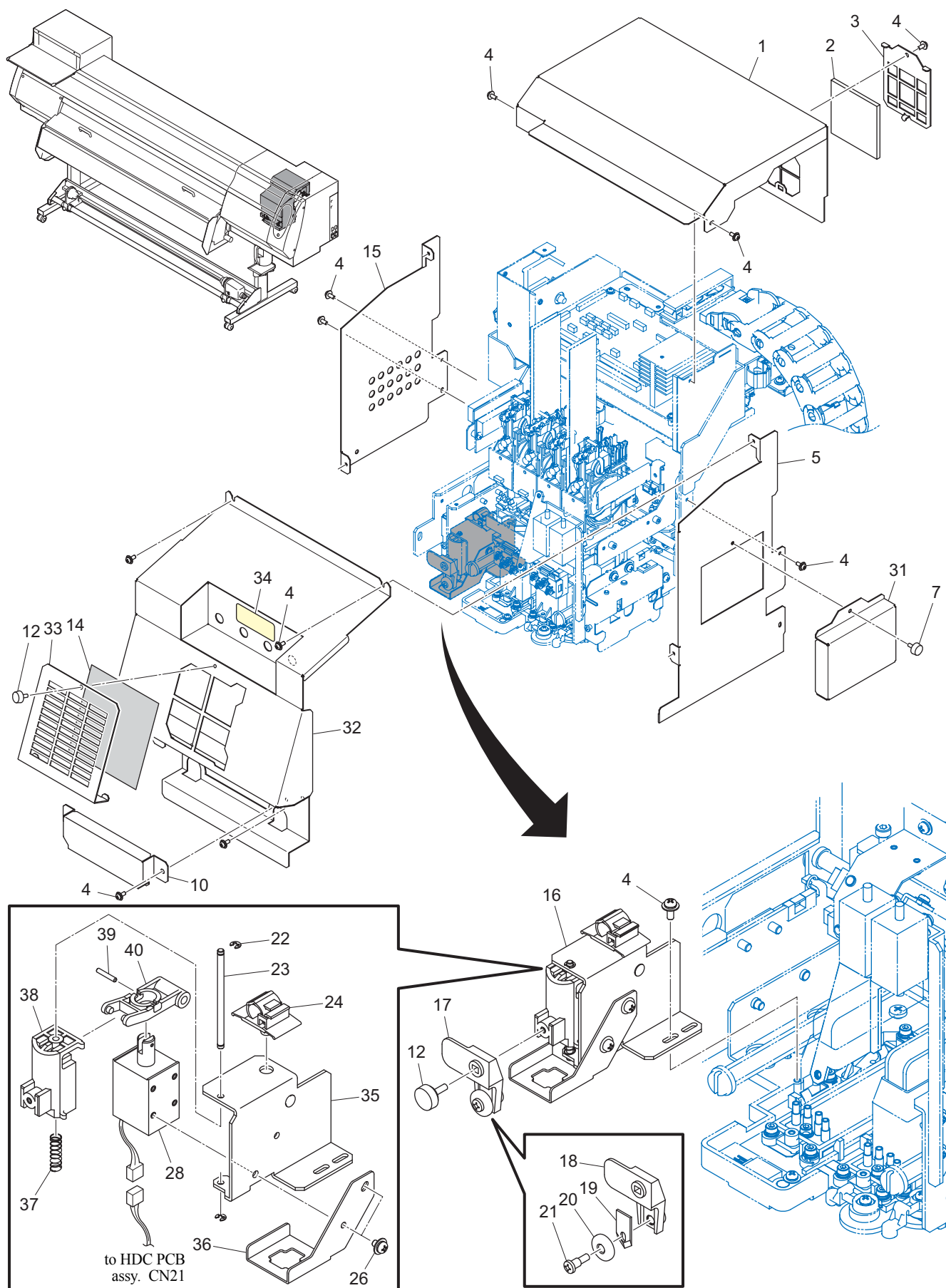


[illegible]

9. Y-DRIVE



[illegible]

10. CARRIAGE -1/4**2.2**

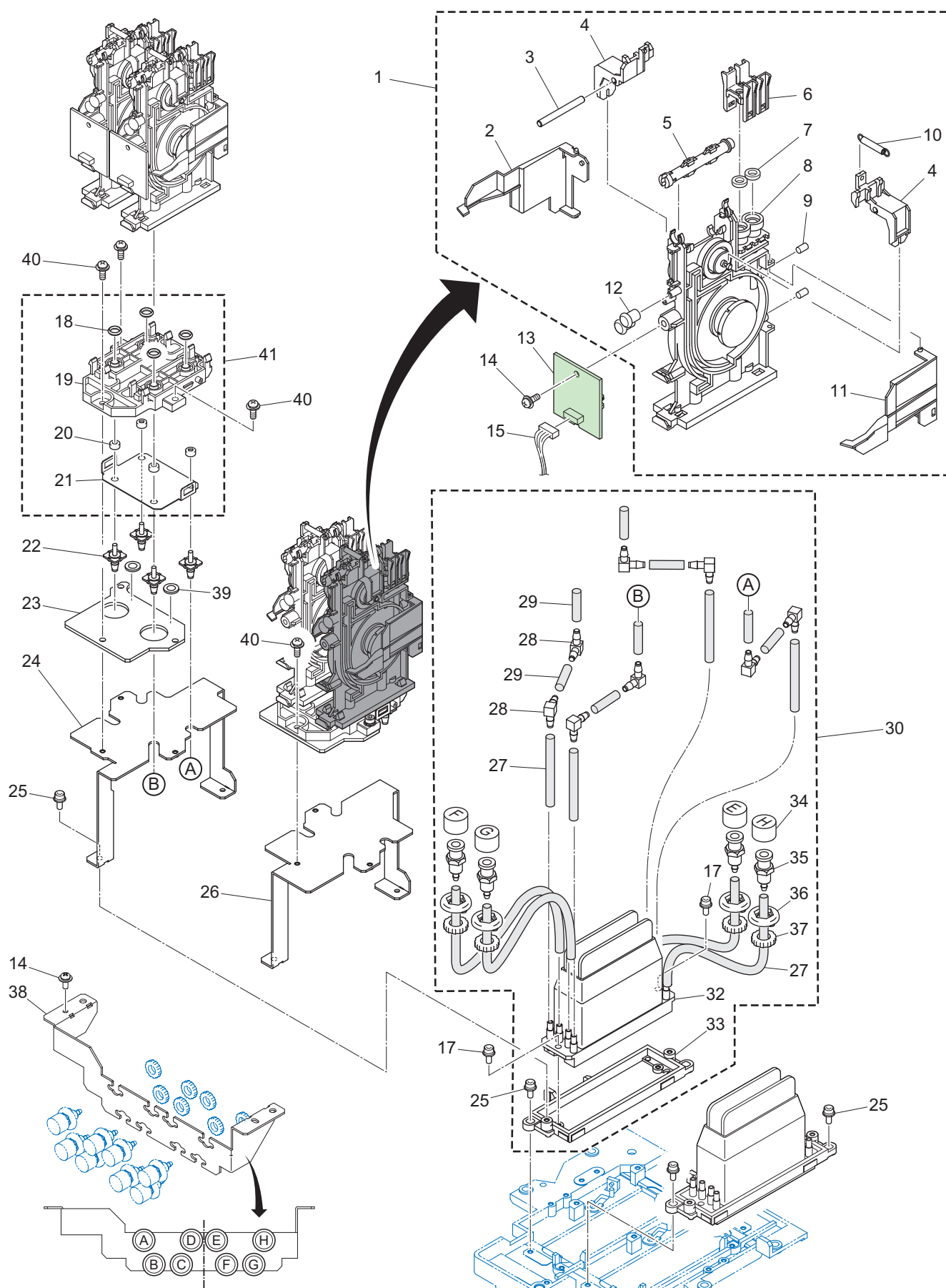
Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2013.04.12	Revised	2013.11.20	F/W ver	Remark
10. CARRIAGE -1/4							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514714	HDC cover		→	1				
2		M801493	HDC fan filter		→	1				
3		M514726	HDC fan filter cover		→	1				
4		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	15				C
5		M514788	Head cover R		→	1				
6		Not used								D
7		MM-000635	Face screw (black)	YURIYA N5-M6, L=20	→	1				C
8		Not used								D
9		Not used								D
10		M515308	Lure lock cover		→	1				
11		Not used								D
12		MM-000634	Face screw	YURIYA N1-M3	→	2		Rev.2~		C
13		Not used								D
14		M801563	Head fan filter		→	1		Rev.2~		
15		M514789	Head cover L		→	1				
16		M011866	Cutter assy.		→	1				
17		SPA-0107	Cutting cutter assy.		→	1				
18		M601086	Cutter blade holder		→	1		JV33		
19		M201535	Cutter L		→	1				
20		M601085	Cutter roller		→	1		JV33		
21		M400281	Cutter screw		→	1				
22		MM-000163	E-ring	E-2 SUS	→	2				C
23		M205601	Media cutter guide pin		→	1		JV33		
24		MM-000035	Cable clamp UL	CKS-10-L	→	1				
25		Not used								D
26		MM-000544	Screw	P3x5SMW Trivalent cromat	→	2				C
27		Not used								D
28		E106861	Cutter solenoid assy.		→	1				
29		Not used								D
30		Not used								D
31		M517334	Connector cover		→	1				
32		M517334	Head cover		→	1				
33		M516361	Head fan filter cover		→	1				
34		M909609	Air extract mark label		→	1				
35		M515708	Cutter BKT 400R		→	1				A
36		M515710	Cutter guard 400R		→	1				A
37		M801595	Cutter SP 3S		→	1				A
38		M603057	Cutter holder 400		→	1				A
39		MM-000653	Corrugated spring pin	φ2x12 (R)	→	1				A
40		M603056	Cutter link 400		→	1				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

10. CARRIAGE -2/4 (VER.1)

2.2



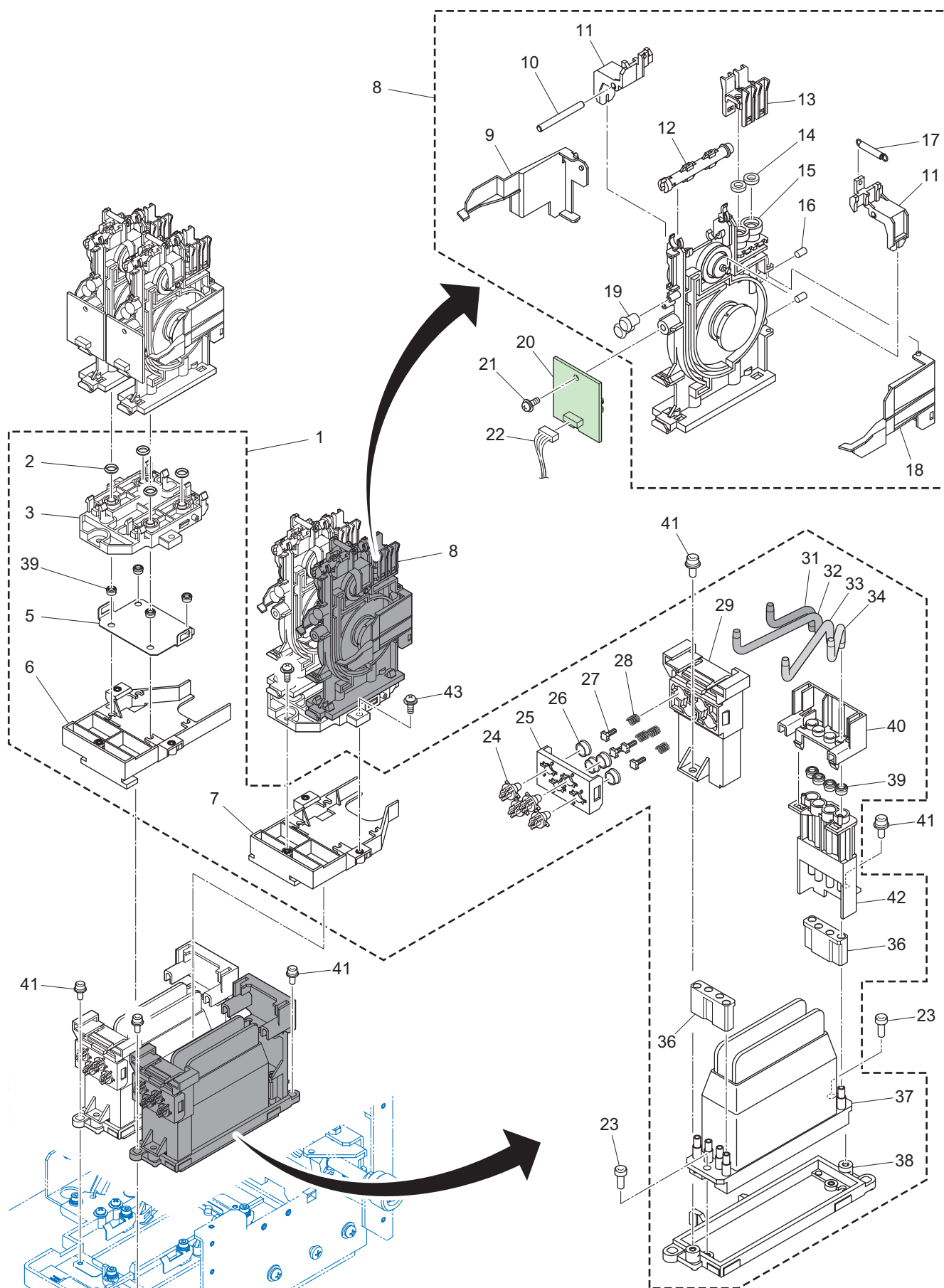
Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2013.04.12	Revised	2013.11.20	F/W ver	Remark
10. CARRIAGE -2/4 (VER.1)							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1	A	MP-M013856	Constant pressure damper for maintenance assy.		→	4				
2		M603209	Damper sensor dog L		→	1				
3		M208069	Air open fulcrum pin		→	1				
4		M603206	Damper valve open arm		→	2				
5		M603205	Damper valve open shaft		→	1				
6		M603208	Damper tube holder φ2		→	2				
7		M700694	Tube seal rubber φ2		→	2				
8	B	MP-M013586	Constant pressure damper assy. B		→	1				
9		M801716	Condensation spring		→	2				
10		M801717	Valve open and close spring		→	1				
11		M603210	Damper sensor dog R		→	1				
12		M700727	Damper rubber plug 2		→	2				
13		E107395	Damper sensor PCB assy.		→	1				
14		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	5				
15		E107428	Damper sensor junction cable		→	4				
16		M013857	Adapter for maintenance assy.		1	2				
17		MM-000304	Cap bolt	CS3x6 Trivalent cromat	→	4				C
18		M700711	Constant pressure G damper seal rubber		→	8				
19		M603194	Constant pressure damper adapter		→	2				
20		M700693	F seal rubber		→	8				
21		M517324	Adapter rubber holder		→	2				
22		VFI126	Mini fitting		→	8				
23		M517325	Adapter spacer		→	2				
24		M517323	Sub tank BKT L		→	1				
25		MM-000311	Cap bolt	CS3x8SMW Trivalent cromat	→	8				C
26		M517322	Sub tank BKT R		→	1				
27		HSJPE3-MMK3*5	Fluorine tube special (φ3*φ5)	2445mm	→	8				
28		VFL206	Mini fitting		→	16				
29		HSJPE3-MMK3*5	Fluorine tube special (φ3*φ5)		→	16				
30	B	MP-M014384	GEN5 head LXII for maintenance assy.		2	4				C
31		M700683	Head adapter rubber		→	2				
32		P-N221345A-NK	IJ head (GEN5)	or P-N221345A-DK	→	1				
33		M400468	ADG5		→	1				
34		MTLLP-1	Male plug		→	8				A
35		FTLLB220-1	Female panel mount		→	8				A
36		CCLR-1	Color cord ring (white)		→	8				A
37		LNS-1	Panel nut (white)		→	8				A
38		M514989	Ear extract port stay		→	1				A
39		WSSB10-5-1.5	Metal Washer		→	4				A
40		MM-000530	Screw	P3x12SMW Trivalent black cromat	→	6				A
41	B	MP-M014841	Dumper adapter Assy.		→	2				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

10. CARRIAGE -2/4 (VER.2)

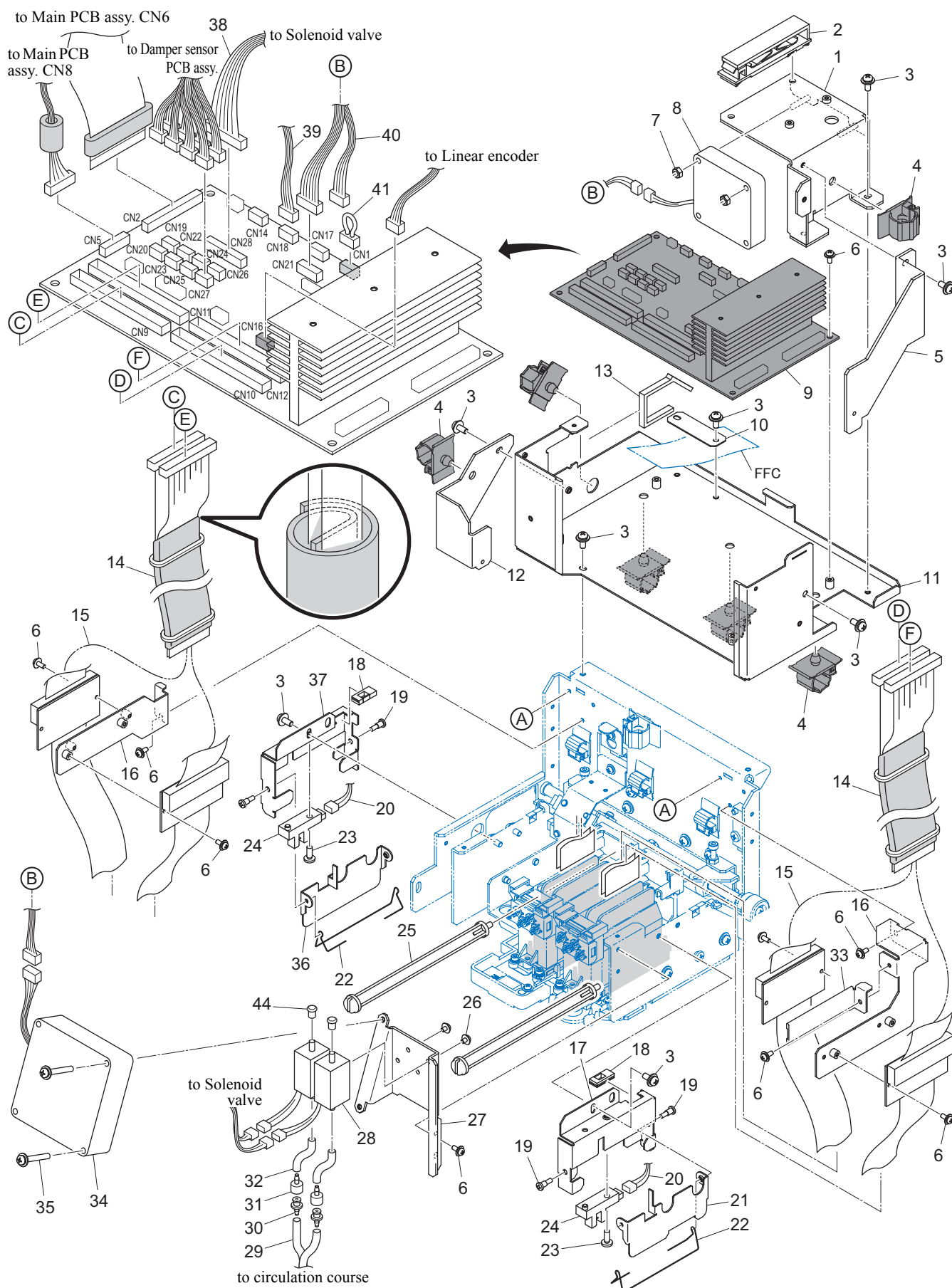
2.2



Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2013.04.12	Revised	2013.11.20	F/W ver	Remark
10. CARRIAGE -2/4 (VER.2)							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1	B	MP-M014607	GEN5 head Lx_AD for maintenance assy.		→	2				C
2		M700711	Constant pressure G damper seal rubber		→	8				
3		M603194	Constant pressure damper adapter		→	2				
4		Not used								D
5		M517324	Adapter rubber holder		→	2				
6		M603192	Pipe fixing BKT UL1		→	1				
7		M603193	Pipe fixing BKT UR1		→	1				
8	A	MP-M013856	Constant pressure damper for maintenance assy.		→	4				
9		M603209	Damper sensor dog L		→	4				C
10		M208069	Air open fulcrum pin		→	4				C
11		M603206	Damper valve open arm		→	8				C
12		M603205	Damper valve open shaft		→	4				C
13		M603208	Damper tube holder φ2		→	8				C
14		M700694	Tube seal rubber φ2		→	8				C
15	B	MP-M013586	Constant pressure damper assy. B		→	4				C
16		M801716	Condensation spring		→	8				C
17		M801717	Valve open and close spring		→	4				C
18		M603210	Damper sensor dog R		→	4				C
19		M700727	Damper rubber plug 2		→	8				C
20		E107395	Damper sensor PCB assy.		→	4				C
21		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	4				C
22		E107428	Damper sensor junction cable		→	4				
23		MM-000304	Cap bolt	CS3x6 Trivalent cromat	→	4				C
24		M603152	Air extract port cap		→	8				C
25		M603151	Air extract port base holder		→	2				C
26		M700418	Damper seal rubber φ2		→	8				C
27		M601824	Valve rod		→	8				C
28		M800834	Joint valve SP80		→	8				C
29		M603150	Air extract port base		→	2				C
30		Not used								D
31		M208551	Supply pipe 1		→	2				C
32		M208552	Supply pipe 2		→	2				C
33		M208553	Supply pipe 3		→	2				C
34		M208554	Supply pipe 4		→	2				C
35		Not used								D
36		M700683	Head adapter rubber		→	4				C
37		P-N221345A-NK	IJ head (GEN5)	or P-N221345D-NK	→	2				C
38		M400468	ADG5		→	2				C
39		M700765	Pipe seal rubber L		→	8				A
40		M603523	Pipe fixing BKT D		→	2				A
41		MM-000304	Cap bolt	CS3x8SMW Trivalent black cromat	→	2				A
42		M603524	Supply port base		→	2				A
43		MM-000530	Screw	P3x12SMW Trivalent black cromat	→	6				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

10. CARRIAGE -3/4**2.2**

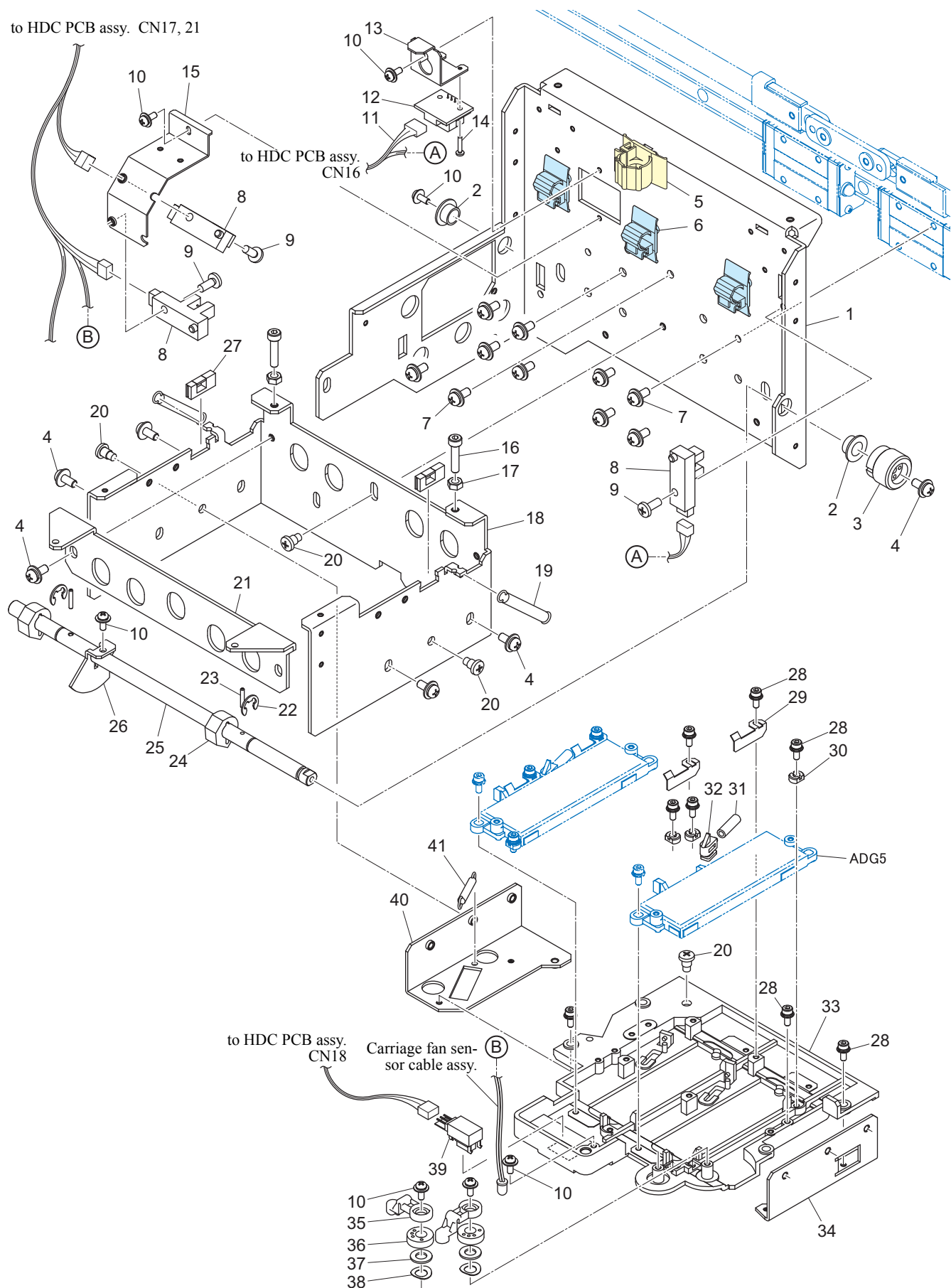
Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2013.04.12	Revised	2013.11.20	F/W ver	Remark
10. CARRIAGE -3/4							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514712	Bear BKT		→	1				
2		MM-000050	Flat cable clamp	FCS-50P	→	1				
3		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	17				C
4		MM-000039	Cable clamp UL	CKS-16-L	→	6				
5		M515044	Carriage support plate R		→	1				
6		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	16				C
7		MM-000186	Nut	N4(type-1) Trivalent cromat	→	2				C
8		E106806	Carriage fan assy.		→	1				
9	B	MP-E107415	HDC PCB assy.	or MP-E106738	→	1				
10		M514985	FFC holder		→	1				
11		M514710	HD BKT		→	1				
12		M515045	Carriage support plate L		→	1				
13		MM-001270	Locking edge saddle	EDS-25L	→	1				
14		M801565	Head harness sponge		→	2		Rev.2~		
15		E106831	Head cable assy.		→	4				
16		M517336	Head PCB BKT R-S		→	1				
17		M514486	Jam sensor BKT R		→	1				
18		MM-000902	Locking edge saddle	EDS-0704L-VO	→	2				
19		M400281	Cutter screw		→	4				
20		E106833	Paper width sensor cable assy.		→	1				
21		M514488	Jam sensor plate R		→	1				
22		M801449	Jam sensor spring 200		→	2				
23		MM-000911	Screw	B4x10 Trivalent cromat	→	2				C
24	B	MP-OJ-6505-N2	Photo-interrupter		→	2				
25		M602829	Head lock screw 200		→	2				
26		MM-000544	Screw	P3x5SMW Trivalent cromat	→	4				C
27		M517355	Circulation solenoid BKT G		→	1				
28	A	MP-E106807	Liquid solenoid assy.		→	2				
29	B	MP-1080249	Tube, Supply, φ2;N		→	2				
30		FTLL420-1	Lure fitting		→	2				
31		MTLL430-1	Lure fitting		→	4				
32	B	MP-HSJPE3-MMK3*5	Fluorine tube special (φ3xφ5)		→	2				C
33		M517337	Cable guard		→	1				
34		E106963	Top fan assy.		→	1		Rev.2~		
35		MM-000592	Screw	P4x30SMW	→	2		Rev.2~		C
36		M514487	Jam sensor plate L		→	1				
37		M514485	Jam sensor BKT L		→	1				
38		E106835	Carriage valve cable assy.		→	1				
39		E106833	Paper width sensor cable assy.		→	1				
40		E106836	Carriage fan sensor cable assy.		→	1				
41		E106837	HDC power supply jumper assy.		→	1				
42		Not used								D
43		Not used								D
44		M700727	Damper rubber plug 2		→	2				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

10. CARRIAGE -4/4

1.0



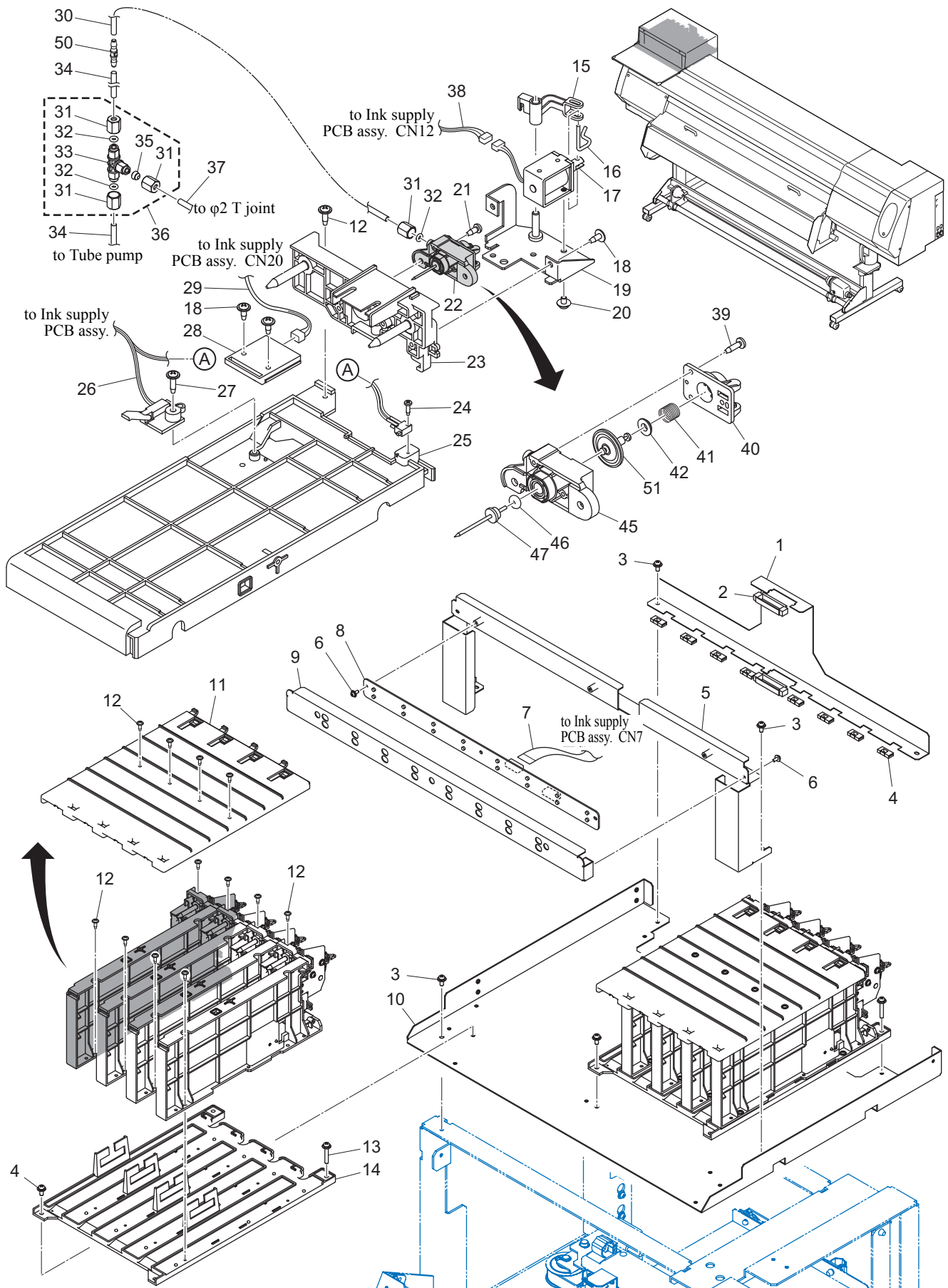
Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver	Remark
10. CARRIAGE -4/4							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514481	Slider 200		→	1				
2		MM-001339	Oil less #80 flange bush	80F-0805	→	2				
3		M207303	Head up and down lever AL		→	1				
4		MM-000564	Screw	P4x10SMW Trivalent cromat	→	7				C
5		MM-000037	Cable clamp UL	CKS-13-L	→	1				
6		MM-000035	Cable clamp UL	CKS-10-L	→	3				
7		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	10				C
8	B	MP-OJ-6505-N2	Photo-interrupter		→	3				
9		MM-000911	Screw	B4x10 Trivalent cromat	→	3				C
10		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	7				C
11		E106830	Linear encoder cable assy.		→	1				
12	B	MP-E103852	150 lpi encoder PCB assy.		→	1				
13		M514476	Linear sensor BKT		→	1				
14		MM-000206	Screw	B2x10 Trivalent cromat	→	2				C
15		M514475	Head up and down sensor BKT		→	1				
16		MM-001147	Hexagon socket head screw	CS4x18 Trivalent black cromat	→	2				C
17		MM-000186	Nut	N4(type-1) Trivalent cromat	→	2				C
18		M514480	Head base BKT		→	1				
19		M801115	CL stopper C 100		→	2		JV33		
20		M400284	Black screw for belt		→	4				
21		M514474	Head up and down base		→	1				
22		MM-000168	E-ring	E-6 SUS	→	2				C
23		MM-000653	Corrugated spring pin	ø2x12 (R)	→	2				
24		M207304	Head up and down base		→	2				
25		M207263	Head up and down shaft		→	1				
26		M514479	Head up and down sensor dog		→	1				
27		MM-000902	Locking edge saddle	EDS-0704L-VO	→	2				
28		MM-000311	Cap bolt	CS3x8SMW Trivalent black cromat	→	11				C
29		M514478	Head adjust plate spring 200		→	4				
30		M207262	Head adjust slide nut		→	4				
31		M800966	Pusher spring		→	2		JV33		
32		M602123	AD pusher		→	2		JV33		
33		M400467	Carriage base 200		→	1				
34		M514473	Head base R		→	1				
35		M602126	Inclination adjustment lever		→	2		JV33		
36		M207034	Head inclination cam		→	2				
37		MM-000785	Flat washer	W6(round head) Trivalent black cromat	→	2				C
38		MM-001413	Wave washer	WW-6	→	2				C
39	B	MP-SG113	Photo sensor ROHS		→	1				
40		M514472	Head base L		→	1				
41		M801468	Carriage inclination SP200		→	1				

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

11. INK CARTRIDGE

2.2



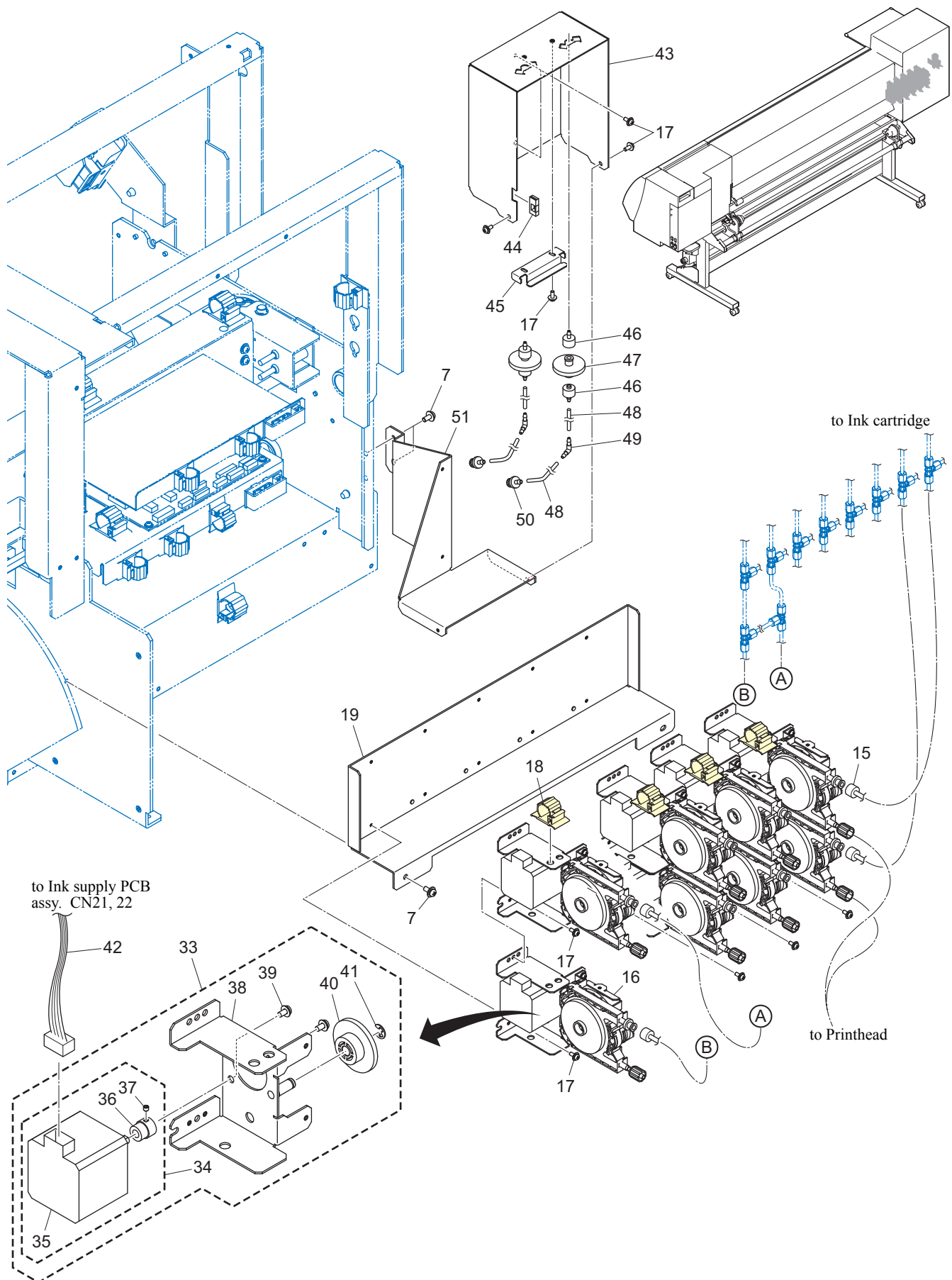
Mechanical Drawing										Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver		Remark		
11. INK CARTRIDGE										2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514762	LED wiring BKT		→	1				
2		TSB-3509	Locking edge saddle		→	2				
3		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	10				C
4		MM-000902	Locking edge saddle	EDS-0704L-VO	→	8				
5		M514694	Cartridge holder B		→	1				
6		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	4				C
7		E300771	FFC 1.25-16P-1200		→	1				
8		E106761	Ink LED PCB assy.		→	1				
9		M514779	LED cover		→	1				
10		M514693	Cartridge base BKT 200		→	1				
11		M602130	Cartridge base U		→	2		JV33		
12		MM-000945	Screw	TP3x10 (with flange) Trivalent cromat	→	16				C
13		MM-000588	Screw	P4x25SMW Trivalent cromat	→	4				C
14		M602131	Cartridge base D		→	2		JV33		
15		M601336	Link		→	8		JV33		
16		M801089	Snap pin A		→	8		JV33		
17	B	MP-E300816	Ink cartridge solenoid		→	8				
18		MM-000624	Screw	TP3x8 (with flange) Trivalent cromat	→	32				C
19		M510211	Cartridge solenoid BKT		→	8				
20		MM-000544	Screw	P3x5SMW Trivalent cromat	→	16				C
21		MM-001028	Screw	TP3x8 B1 Pan head Trivalent cromat	→	16				C
22		MP-M013524	Valve N-3 M6 assy.		→	8		JV33		C
23		M602128	Cartridge flame		→	8				
24		MM-000621	Screw	B1 Binding head 2x8 (TP Trivalent cromat)	→	8				C
25		M602129	Cartridge guide		→	8				
26	B	MP-1033477	Cartridge sensor		→	8				
27		MM-000623	Screw	TP3x12 (with flange) Trivalent cromat	→	8				C
28	B	MP-E105363	ID contact PCB CN032 assy.		→	8				
29		E106828	Ink ID cable assy.		→	1				
30		1080249	Tube, Supply, ø2;N		→	8		Rev.3~		
31		1033482	Joint screw M6		→	30				
32		M700326	RS O-ring (ø2.16x1.4)		→	32				
33		M602148	ø2 T joint M6		→	10				
34		Not used								D
35		M700782	ø2 Rubber stopper		→	8				
36		M011892	ø2 T joint M6 assy.		→	10				
37		1080249	Tube, Supply, ø2;N		→	4		Rev.3~		
38		E106827	Ink SOL cable assy.		→	1				
39		MM-000621	Screw	B1 Binding head 2x8 TP Trivalent cromat	→	24				C
40		M601215	Valve cap		→	8		JV33		
41		M800684	Cartridge valve spring 120		→	8		JV33		
42		M204082	Valve spring washer		→	8		JV33		
43		Not used								D
44		Not used								D
45		M601816	Valve base N-3		→	8		JV33		
46		MM-000001	M700323 RS O-ring (ø1.1x2.2)		→	8				
47		1033462	Ink needle		→	8				
48		Not used								D
49		Not used								-
50		Not used								-
51		M700713	Butyl valve pin assy.		→	8				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

12. INK PUMP, AIR PUMP -1/2

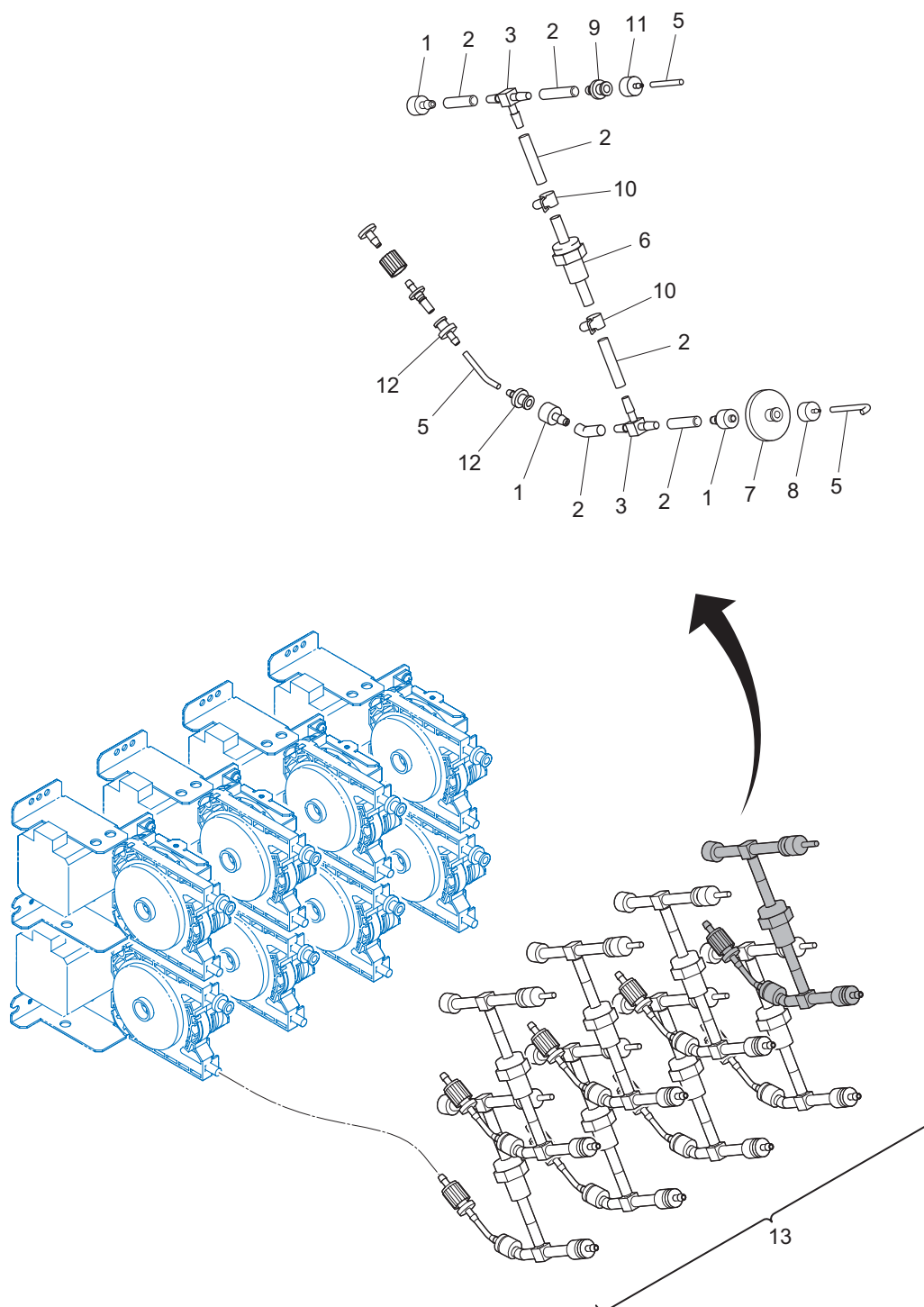
2.2



Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.12.28	F/W ver	Remark
12. INK PUMP, AIR PUMP -1/2							2.3

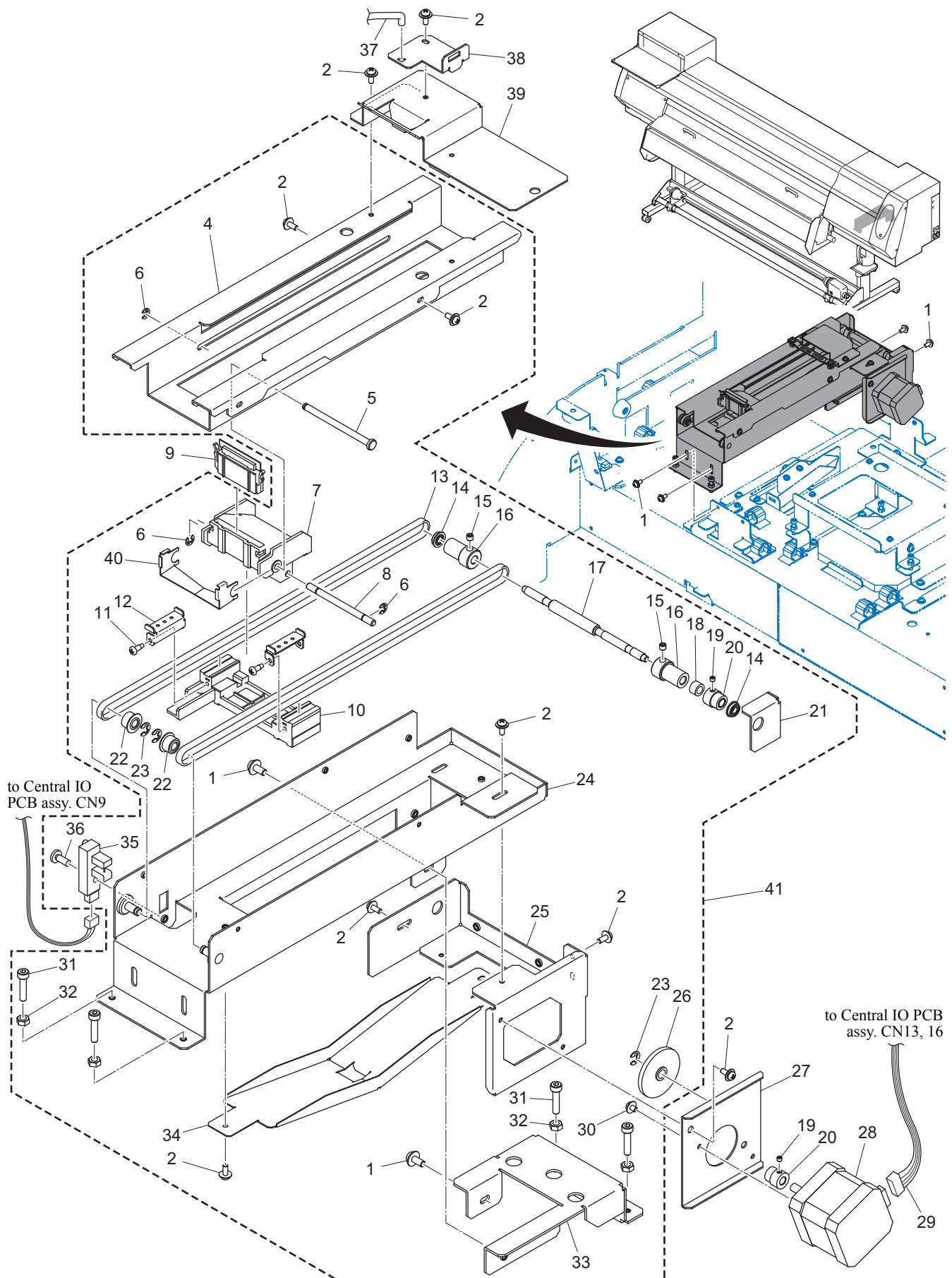
No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		Not used								
2		Not used								
3		Not used								
4		Not used								
5		Not used								
6		Not used								
7		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	4				
8		Not used								
9		Not used								
10		Not used								
11		Not used								
12		Not used								
13		Not used								
14		Not used								
15		MTLL-420-1	Lure fitting		→	8				
16		M011574	Tube pump 11 all assy.		→	8				
17		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	30				
18		MM-000037	Cable clamp UL	CKS-13-L	→	4				
19		M514679	Pump holder plate		→	1				
20		Not used								
21		Not used								
22		Not used								
23		Not used								
24		Not used								
25		Not used								
26		Not used								
27		Not used								
28		Not used								
29		Not used								
30		Not used								
31		Not used								
32		Not used								
33		M011578	Motor all assy.		→	8				
34		M011572	Pump motor assy.		→	8				
35	B	MP-E300495	Stepping motor		→	8				
36		M400210	Pump motor gear		→	8				
37		MM-000737	Hexagon socket head cap	SSWP3x3(R) Black	→	8				
38		M514914	Motor sheet metal		→	8				
39		MM-000551	Screw	P3x6SMW Trivalent cromat	→	16				
40		M602804	Pump middle slowdown gear		→	8				
41		MM-000166	E-ring	E-4 SUS	→	8				
42		E106826	Pump cable assy.		→	1				
43		M518215	W filter cover		→	1				
44		MM-000902	Locking edge saddle	EDS-0704L-VO	→	1				
45		M518726	Fitting holder plate		→	1				
46		MTLL420	Lure fitting		→	4				
47		LCF-12100	Filter		→	2				
48		MP-1080249	Tube	φ2	→	4				C
49		L420-1	Equal elbow		→	2				
50		FTLL420-1	Lure fitting		→	2				
51		M518216	W filter base		→	1				

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

12. INK PUMP, AIR PUMP -2/2**2.2**

[illegible]

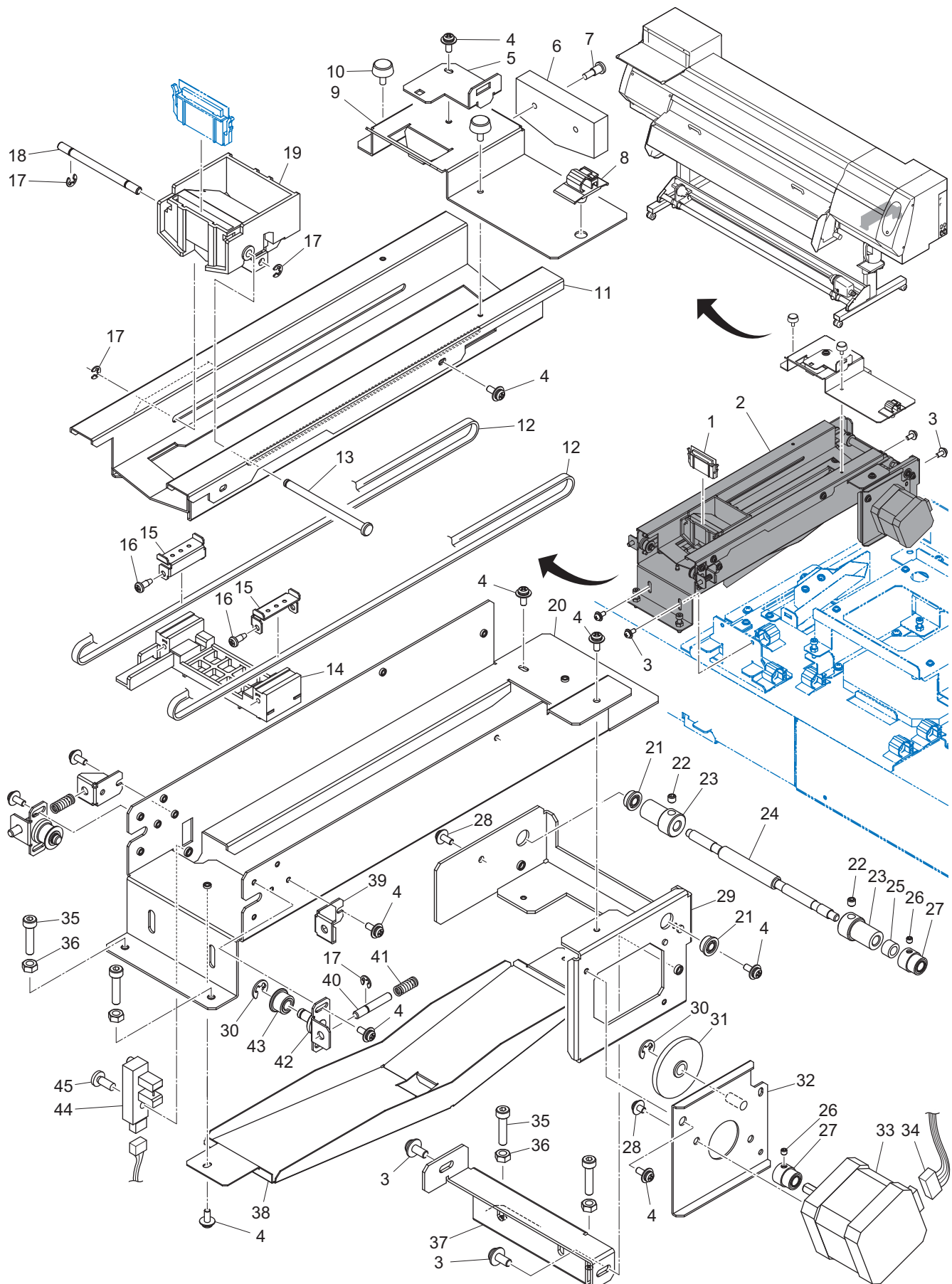
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)



Mechanical Drawing							Rev.	
Model	JV400-LX	Issued	2013.04.12	Revised	2014.04.30	F/W ver	Remark	Rev.4 is excluded
13. WIPER							2.4	

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	4				
2		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	17				
3		Not used								
4		M514857	Wiper guide		→	1				
5		M207314	Wiper guide shaft up		→	1				
6		MM-000165	E-ring	E-3 SUS	→	3				
7		M602894	WP base		→	1				
8		M207315	Wiper guide shaft down		→	1				
9		SPA-0184	Wiper kit		→	1			10set	
10		M602898	Shaft holder		→	1				
11		MM-001028	Screw	TP3x8 B1 Pan head Trivalent cromat	→	2				
12		M514875	Wiper belt holder		→	2				
13		40 S2M594	Timing belt		→	2				
14		F684ZZ	Bearing		→	2				
15		MM-000745	Hexagon socket head cap	SSWP4x4(R) Black	→	2				
16		M400302	Wiper		→	2				
17		M207317	Drive shaft		→	1				
18		MM-001195	Collar	5x5 Trivalent cromat	→	1				
19		MM-000737	Hexagon socket head cap	SSWP3x3(R) Black	→	2				
20		M400210	Pump motor gear		→	2		JV33		
21		M514850	Drive shaft BKT		→	1				
22		M601914	Wiper pulley B		→	2		JV5		
23		MM-000166	E-ring	E-4 SUS	→	3				
24		M514868	Wiper driven BKT		→	1				
25		M514854	Belt tension BKT		→	1				
26		M601044	Pump middle gear		→	1				
27		M514849	Drive motor		→	1				
28	B	MP-E300495	Stepping motor		→	1				
29		E106816	S motor cable assy.		→	1				
30		MM-000544	Screw	P3x5SMW Trivalent cromat	→	2				
31		MM-001147	Hexagon socket head screw	CS4x18 Trivalent black cromat	→	4				
32		MM-000186	Nut	N4(type-1) Trivalent cromat	→	4				
33		M514996	WP height adjust BKT		→	1				
34		M514858	Ink slope		→	1				
35	B	MP-OJ-6505-N2	Photo-interrupter		→	1				
36		MM-000911	Screw	B4x10 Trivalent cromat	→	1				
37	B	MP-TP-SX-2x4	Tube		→	1				
38		M517391	Wash tube BKT		→	1				
39		M517390	Ink guard A		→	1				
40		M517645	Ink guard W		→	1				
41	B	MP-M014724	Wiper assy. A		→	1				

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

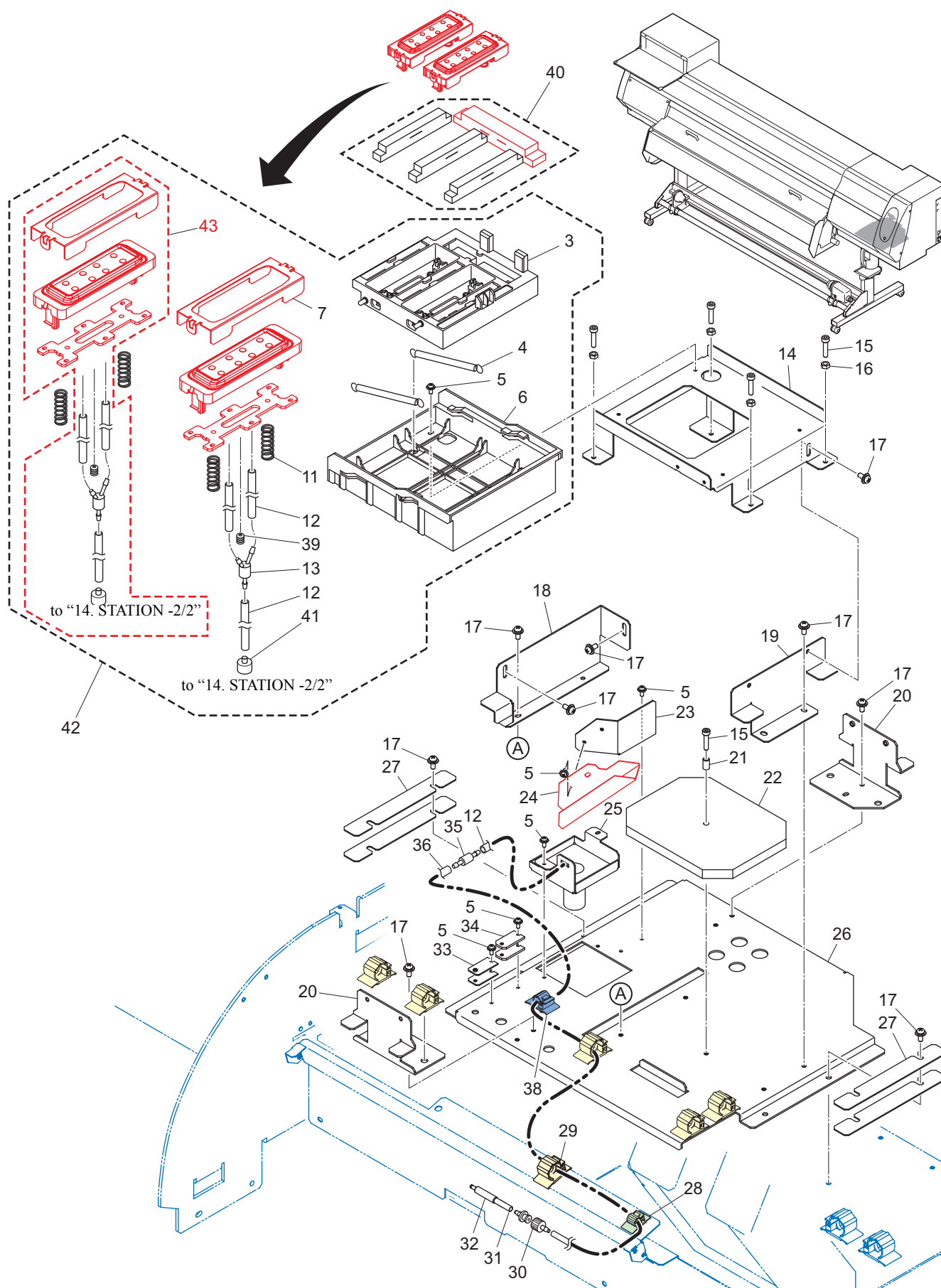


Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2014.04.30	Revised		F/W ver	Remark Rev.4
13. WIPER							1.0

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		SPA-0184	Wiper kit 400		→	1			10	
2	B	MP-M015377	Wiper assy. (for maintenance)		→	1				
3		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	6				
4		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	21				
5		M517391	Wash tube BKT		→	1				
6		M802067	WP soak pad		→	1				
7		MM-000510	M400281 Cutter screw	Small box contains screw 1000	→	2				
8		MM-000033	Cable clamp UL	CKS-07-L	→	1				
9		M520244	Ink guard A		→	1				
10		MM-000632			→	2				
11		M520388	Wiper guide		→	1				
12		40 S2M 594	Timing belt		→	2				
13		M207314	Wiper guide shaft up		→	1				
14		M603742	Shaft holder 400		→	1				
15		M514875	Wiper belt holder		→	2				
16		MM-001028	Screw	TP3x8 B1 Pan head Trivalent cromat	→	2				
17		MM-000165	E-ring	E-3 SUS	→	5				
18		M207315	Wiper guide shaft down		→	1				
19		M603743	WP base 400		→	1				
20		M520389	Wiper driven BKT		→	1				
21		F684ZZ	Bearing		→	2				
22		MM-000745	Hexagon socket head cap	SSWP4x4(R) black	→	2				
23		M400302	Wiper pulley A		→	2				
24		M209097	Drive shaft 400		→	1				
25		MM-001195	Collar	5x5 Trivalent cromat	→	1				
26		MM-000737	Hexagon socket head cap	SSWP3x3(R) Black	→	2				
27		M400210	Pump motor gear		→	2				
28		MM-000544	Screw	P3x5SMW Trivalent cromat	→	2				
29		M520380	Belt tension BKT		→	1				
30		MM-000166	E-ring	E-4 SUS	→	3				
31		M601044	Pump middle gear		→	1				
32		M520463	Drive motor BKT		→	1				
33		E300495	Stepping motor		→	1				
34		E106816	S motor cable assy.		→	1				
35		MM-001147	Hexagon socket head screw	CS4x18 Trivalent black cromat	→	4				
36		MM-000186	Nut	N4(type-1) Trivalent cromat	→	4				
37		M520379	WP height adjust BKT		→	1				
38		M520387	Ink slope		→	1				
39		M521026	TS adjust shaft holder		→	2				
40		M209195	TS adjust shaft		→	2				
41		M802131	TS adjust SP-1		→	2				
42		M521025	TS adjust BKT		→	2				
43		M601914	Wiper pulley B		→	2				
44		OJ-6505-N2	Photo sensor		→	1				
45		MM-000911	Screw	B4x10 Trivalent cromat	→	1				
46										

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

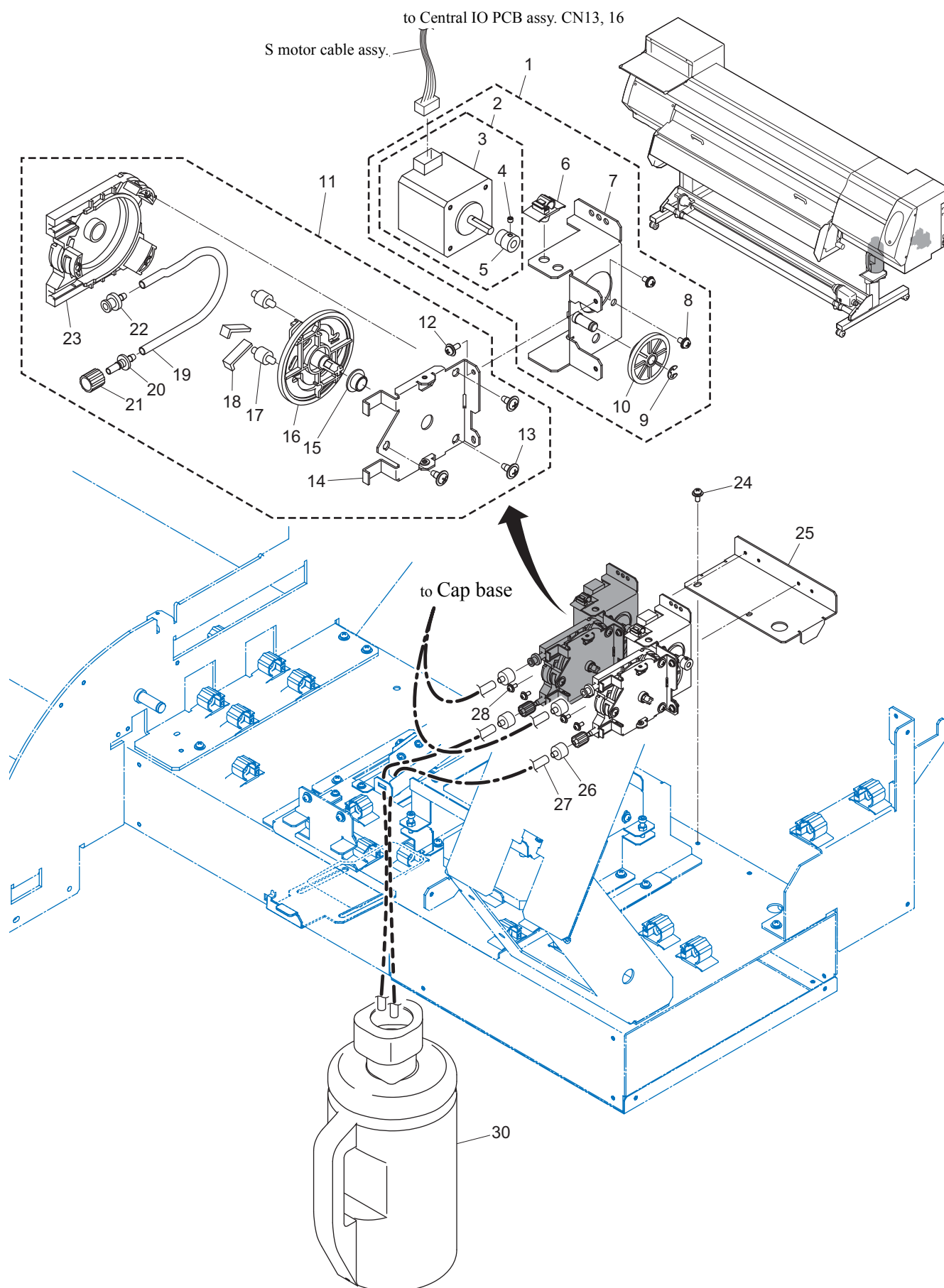
14. STATION -1/2



Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2013.04.12	Revised	2014.04.30	F/W ver	Remark
14. STATION -1/2							2.3

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		Not used								
2		Not used								
3		M602903	C slider 200		→	1				
4		M801470	Cap slider spring		→	2				
5		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	11				
6		M602825	Cap slider base 200		→	1				
7		M515702	Cap rubber holder G5S		→	1				C
8			Not used							D
9			Not used							D
10			Not used							D
11		M801490	Cap spring 200		→	4				
12		MP-TP-SX 2*4	Tube 2*4 (30m length)		1	←				A
13		VFY206	Equal Y (Black)		→	1				C
14		M514453	C base BKT		→	1				
15		MM-001147	Hexagon socket head screw	CS4x18 Trivalent black cromat	→	5				
16		MM-000186	Nut	N4(type-1) Trivalent cromat	→	4				
17		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	16				
18		M514455	C adjust BKT L		→	1				
19		M514454	C adjust BKT R		→	1				
20		M514997	WP height adjust RACK		→	1				
21		MM-001359	Collar	4x10 Trivalent cromat	→	1				
22		M801441	C base pad		→	1				
23		M514995	Ink guide holder		→	1				
24		M520386	Ink guide		→	1				C
25		M514470	Waste ink tray		→	1				
26		M514450	Station base		→	1				
27		M514686	ST spacer 200		→	4				
28		MM-000033	Cable clamp UL	CKS-07-L	→	1				
29		MM-000037	Cable clamp UL	CKS-13-L	→	7				
30		VPRM308	Female lure lock fitting (P)		→	1				
31		VPRF308	Male lure lock fitting (P)		→	1				
32		M206680	Head air extract		→	1				
33		M514997	Head height plate L		→	2				
34		M514483	Head height plate H		→	2				
35		VF1236	Lure fitting		→	1				
36	B	MP-TP-SX-3x5	Tube		→	1				
37			Not used							D
38		MM-000035	Cable clamp UL	CKS-10-L	→	1				
39		M700426	Cap stopper		→	2				
40		SPA-0185	C-pad assy.		→	1				
41		MTLL220-2	Male straight		→	2				C
42		MP-M015209	Cap assy.		→	1				C
43	A	MP-M015350	Cap base assy.		→	2				A

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

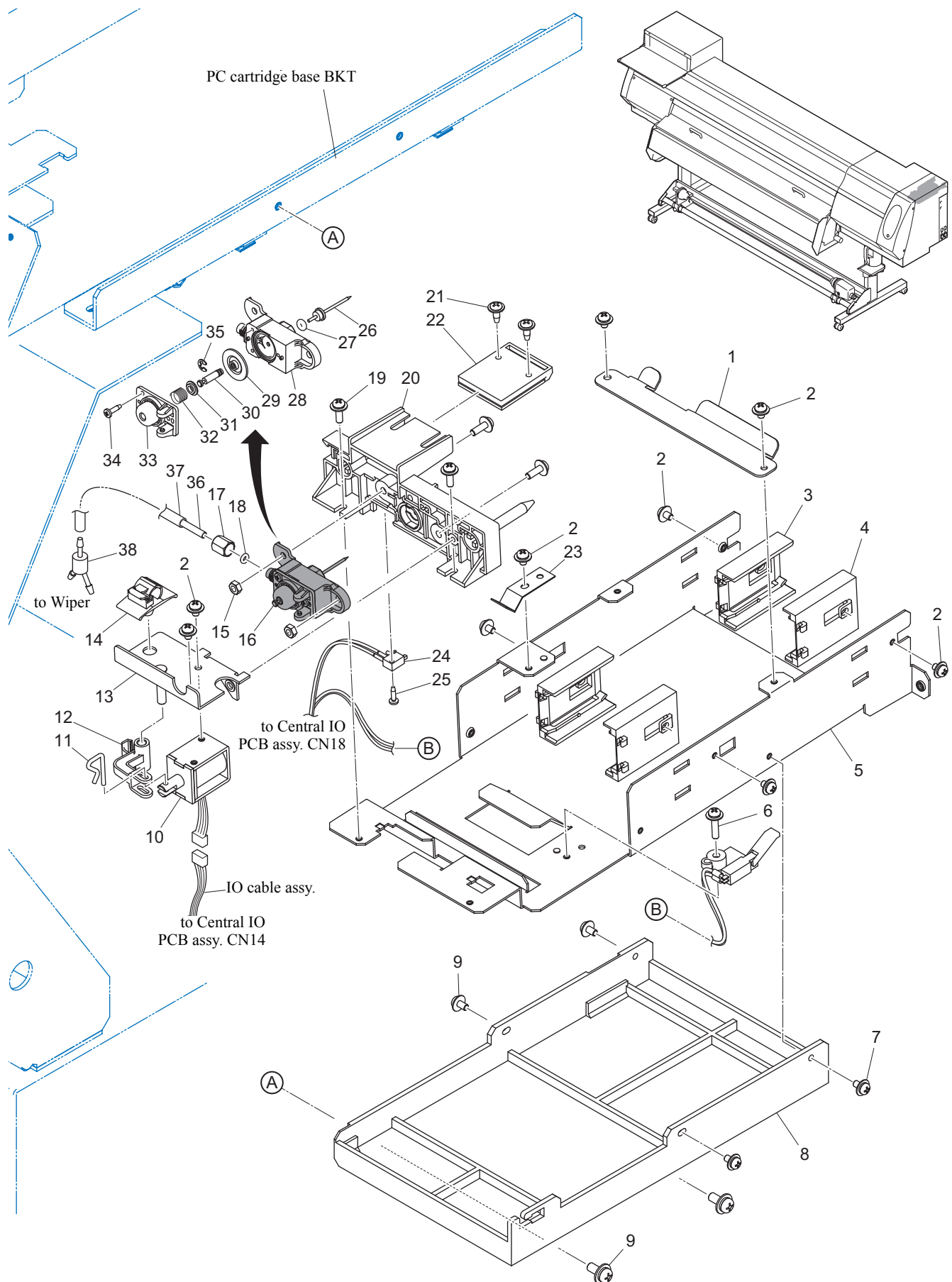
14. STATION -2/2**2.2**

[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

15. WASH CARTRIDGE

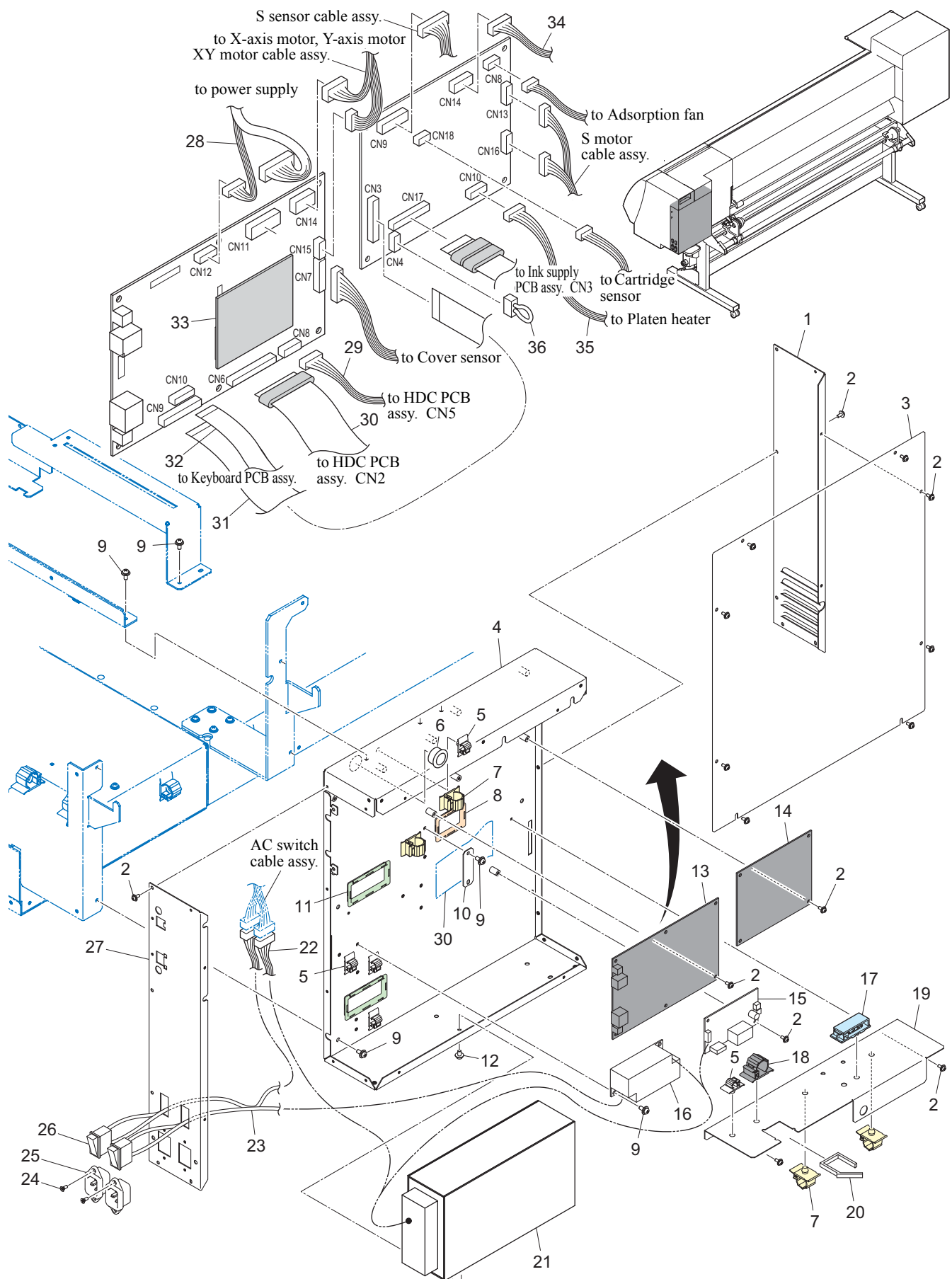
2.2



[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

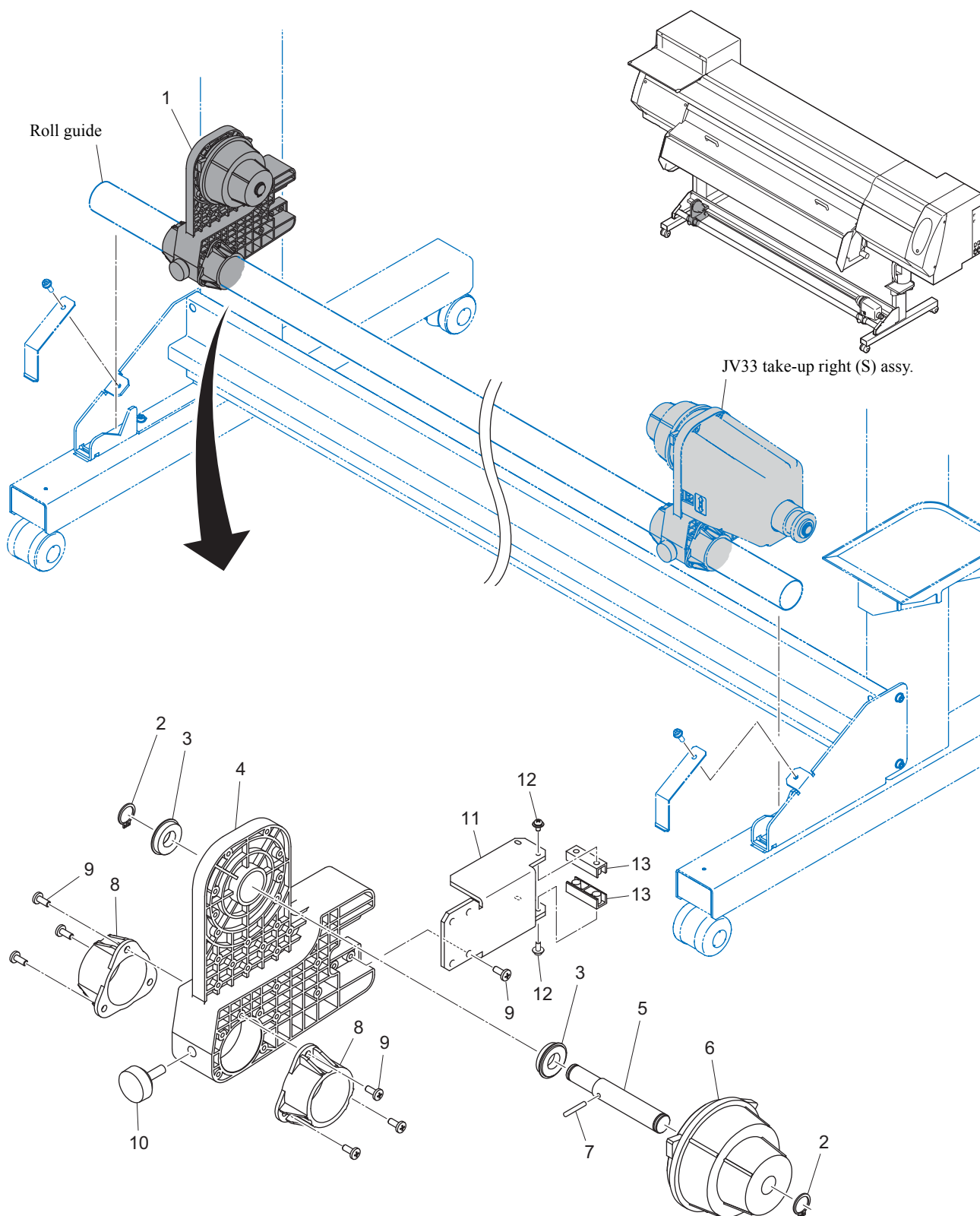
16. ELECTRICAL DEVICE



Mechanical Drawing							Rev.
Model	JV400-LX	Issued	2012.05.07	Revised	2013.11.20	F/W ver	Remark
16. ELECTRICAL DEVICE							2.2

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					130	160				
1		M514720	Electrical box exhaust cover 200		→	1				
2		MM-000559	Screw	P3x8SMW Trivalent black cromat	→	34				C
3		M514721	Electrical box cover 200		→	1				
4		M514719	Electrical box 200		→	1				
5		MM-000033	Cable clamp UL	CKS-07-L	→	5				
6		MM-000674	One touch bushing	TB-1520	→	1				
7		MM-000037	Cable clamp UL	CKS-13-L	→	4				
8		MM-000899	Square bushing	SB-4025	→	1				
9		MM-000565	Screw	P4x10SMW Trivalent black cromat	→	11				C
10		M514985	FFC holder		→	1				
11		MM-000900	Square bushing	SB-6025	→	2				
12		MM-000603	Screw	P4x8SMW Trivalent cromat	→	4				C
13	B	MP-E107592	EPL main PCB assy.	or MP-E000011	→	1				C
14	B	MP-E000013	Central IO PCB assy.		→	1				
15	B	MP-LFA15F-5-GJ1	SW power supply(15W-5W)		→	1				
16		EAM-16-000	Noise filter		→	1				
17		MM-000049	Flat cable clamp	FCS-25P	→	1				
18		MM-000039	Cable clamp UL	CKS-16-L	→	1				
19		M514724	Electrical box partition plate		→	1				
20		MM-001270	Lock edge saddle	EDS-25L	→	1				
21	B	MP-PBA600F-36	DC power supply(600W-36V)	Only stock	→	1				C
	B	MP-M014883	DC power supply (36V) Assy.		→	1				A
22		E106811	NF-POW cable assy.		→	1				
23		E106952	AC switch junction cable assy.		→	1				
24		MM-000490	Screw	F3x8 Trivalent black cromat	→	4				C
25		E106809	Inlet assy.	CM-11	→	2				
26		AJ8202WWF	Switch		→	2				
27		M514718	USB junction side cover 200		→	1				
28		E106812	DC-POW cable assy.		→	1				
29		E106829	Main HDC cable assy.		→	1				
		E106859	Main HDC cable 130 assy.		1	→				
30	B	MP-E300883	FFC 1.00-30P-3600		→	2				
	B	MP-E300884	FFC 1.00-30P-3400		2	→				
31		E300777	P1.25-20-250		→	1				
32		E300604	P1.0-10-1100mm		→	1				
33	B	MP-E105986	DDR 2 PRAM (1GB) PCB assy.		→	1				
34		E106821	IO cable assy.		→	1				
32		E106820	Thermistor junction cable assy.		→	1				
36		E106086	Cascade short 13 assy.		→	1				

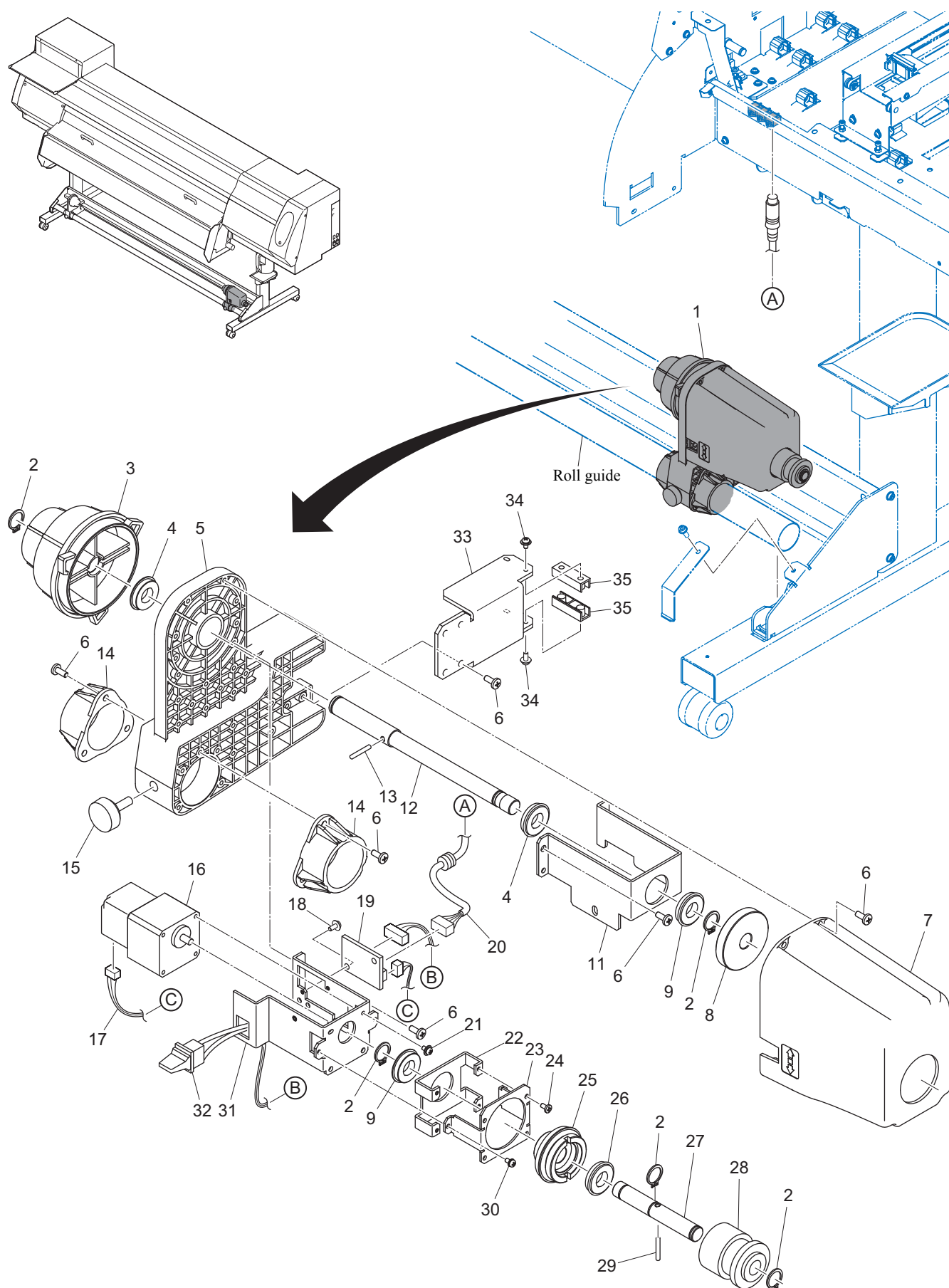
*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

17. TAKE-UP DEVICE ASSY. -1/2**1.1**

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

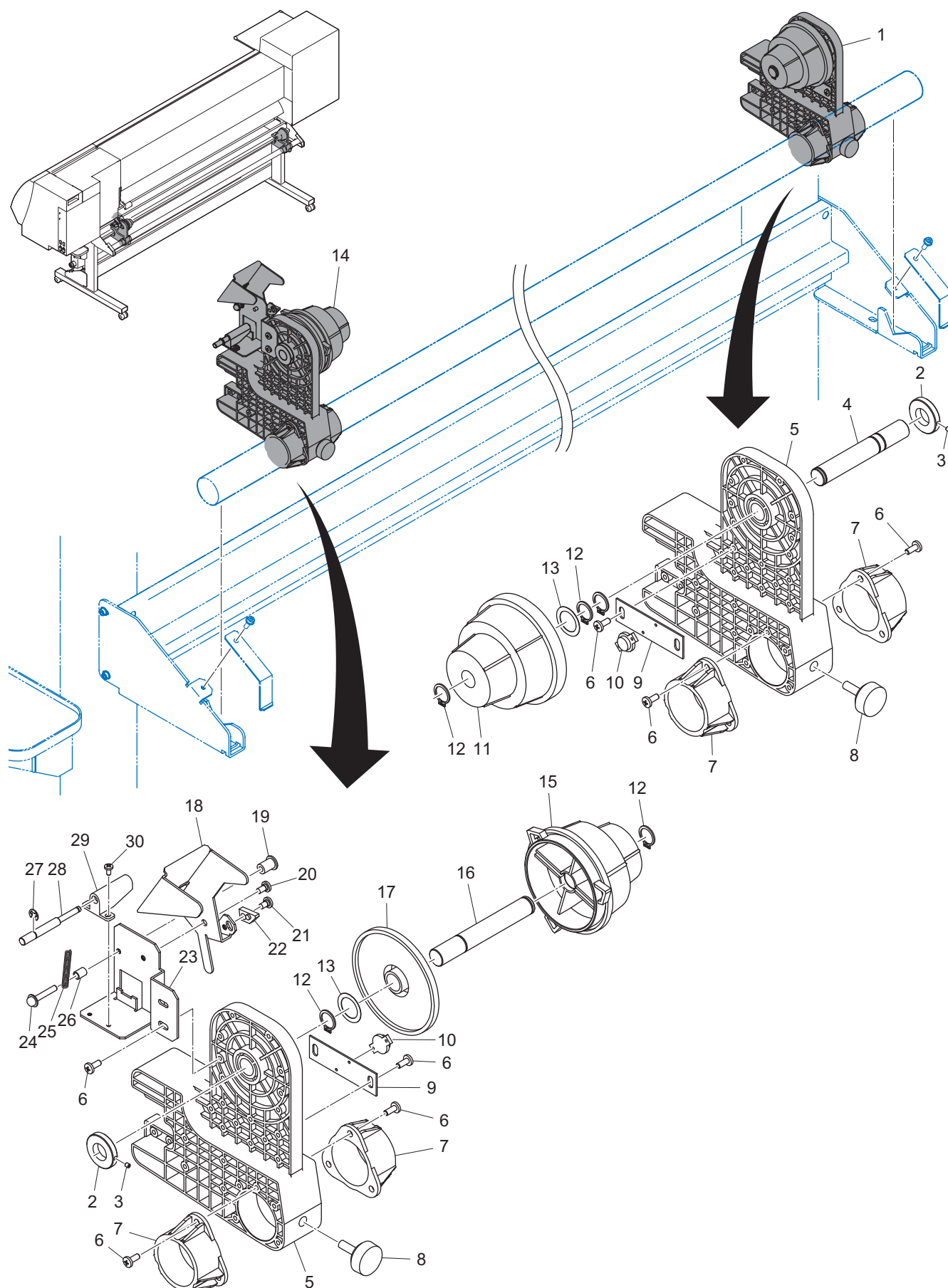
17. TAKE-UP DEVICE ASSY. -2/2

1.1



18. ROLL ASSY.

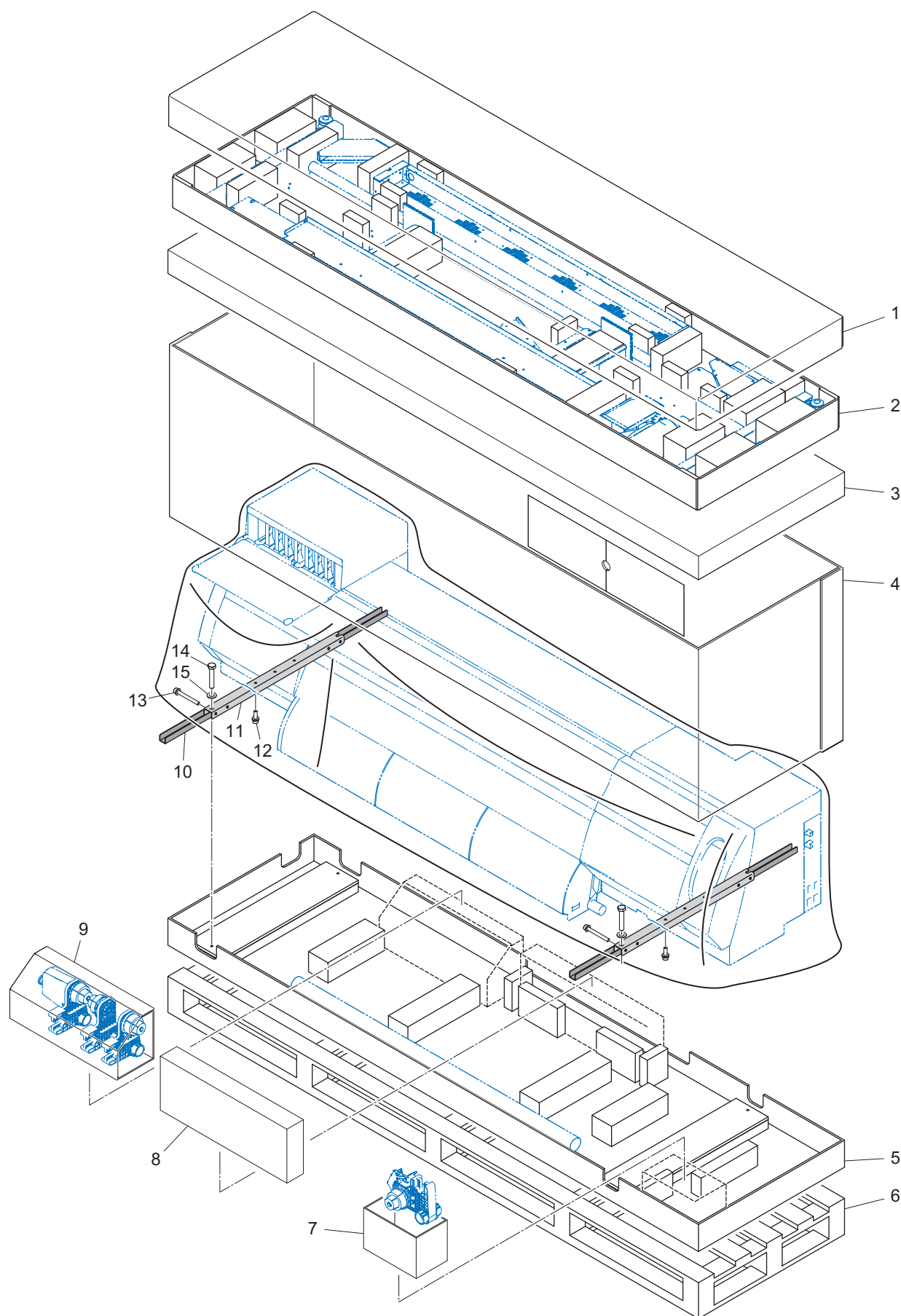
1.0



[illegible]

19. PACKING ASSY. (JV400-130)

1.0

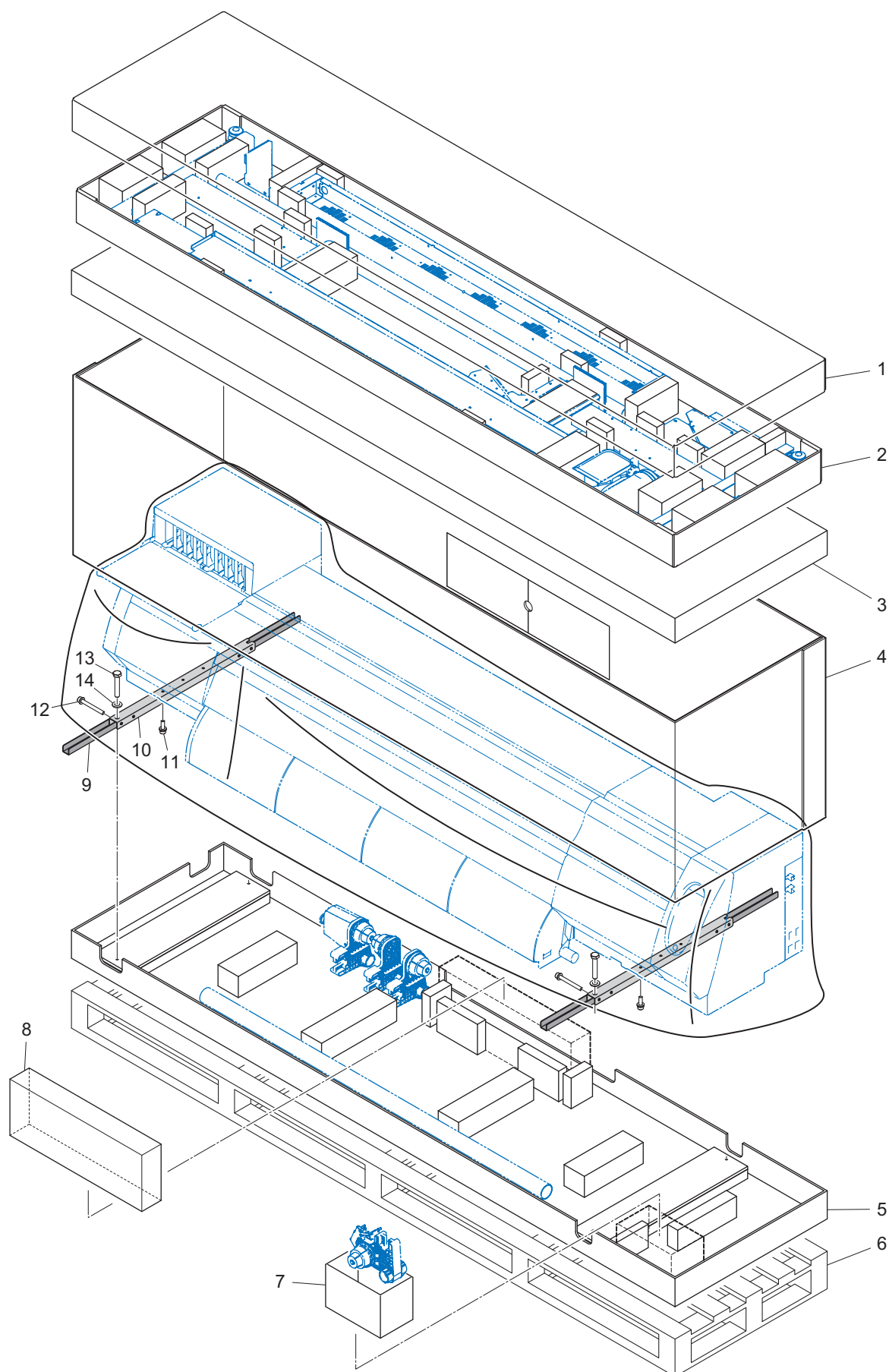


19. PACKING ASSY. (JV400-130)

2.2

[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

19. PACKING ASSY. (JV400-160)**1.0**

19. PACKING ASSY. (JV400-160)

2.2

[illegible]

*1 P: Supply quantity *2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

20. TUBE LAYOUT

2.2

1080249
1083732
HSJPE3-MMK3 x5
2×4-TP-SX
3×5-TP-SX
4×6-TP-SX
PN-4-4*2.5
PN-4-6x4

