

# TS34-1800A

## Mechanical Drawing

# Change Tracking

Date	2011.10.17	Manual Ver.	1.00	Remark	
Status	Page	Rev.	Changes		
Revised	1-P.4	1.1	No.13 : [Part code] Changed		
Revised	1-P.5	1.1	No.3 : Form changed No.16 : Deleted		
Revised	1-P.6	1.1	No.3 : [Part code], [Name of parts], [Common model] Changed No.10 : [Quantity] Changed No.11 : [Part code] Added, [Name of parts], [Quantity] Changed No.14 : [Part code], [Name of parts] Changed No.15 : [Quantity] Changed No.16 : Deleted		
Revised	2-P.2	1.1	No.3, 4 : [Part code] Changed		
Revised	3-P.1	1.1	No.21 : Changed		
Revised	7-P.2	1.1	No.2 : [Part code] Changed		
Revised	13-P.1	1.1	No.3 : Deleted		
Revised	13-P.2	1.1	No.3 : Deleted		
Revised	13-P.6	1.1	No.2 : [Quantity] Changed		
Revised	17-P.1	1.1	No.32 : Deleted		
Revised	17-P.2	1.1	No.32 : Deleted		
Revised	19-P.2	1.1	No.3 : [Name of parts] Changed		

Date	2011.10.17	Manual Ver.	1.00	Remark	
Status	Index	Rev.	Changes		
Released			New issued		

Mechanical Drawing						Rev.
Model	TS34-1800A	Issued	2011.03.31	Revised	F/W ver	Remark
<b>Mechanical Drawing Contents</b>						<b>1.0</b>



#### 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

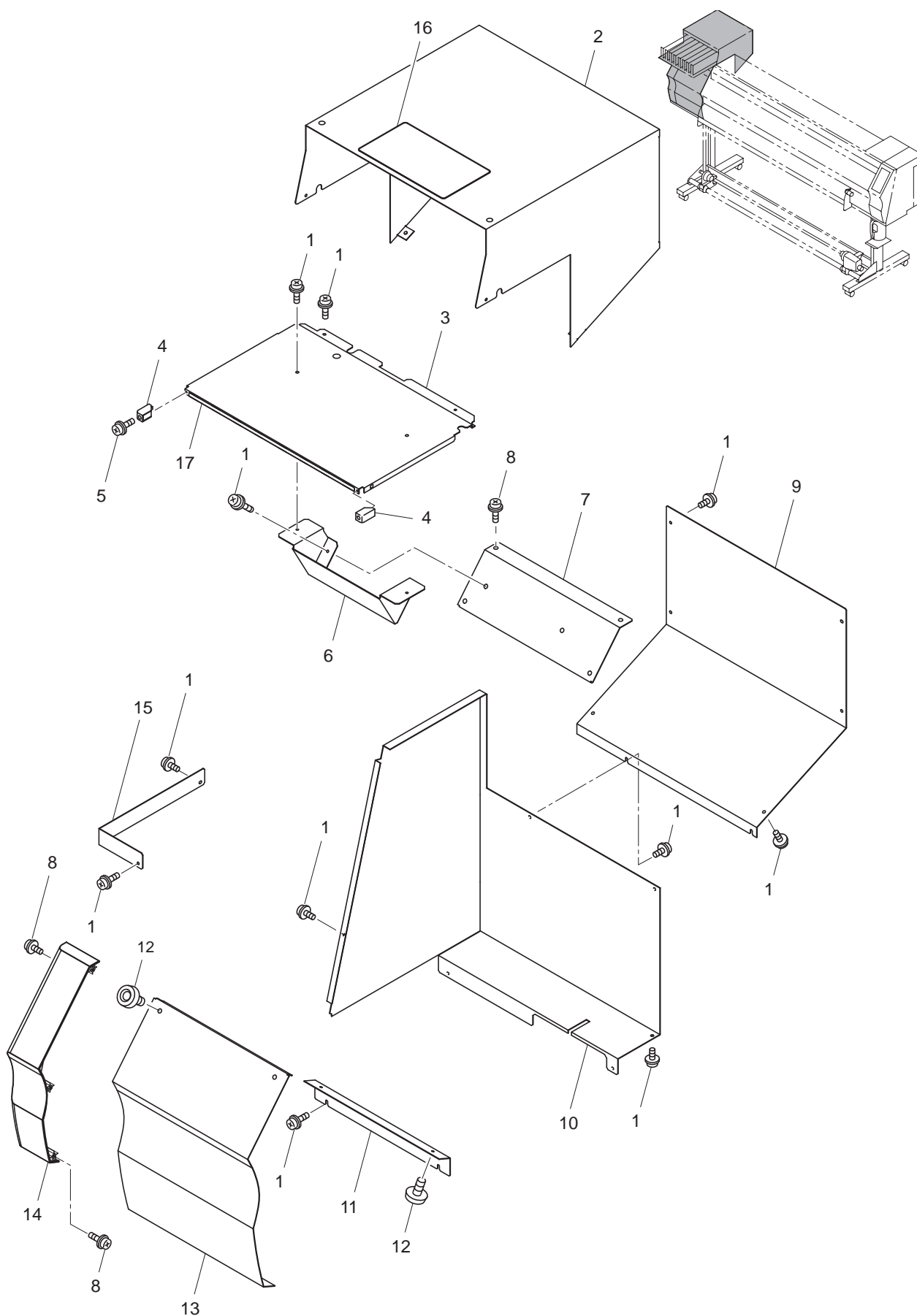
1. COVER ASSY. -1/4
2. LEG ASSY.
3. FRAME ASSY. -1/4
4. CLAMP ASSY. -1/2
5. X DRIVE ASSY.
6. Y DRIVE ASSY. -1/2
7. BEARING ASSY.
8. STATION ASSY. -1/2
9. CAP BASE ASSY.
10. WIPER ASSY.
11. WASTE INK TANK ASSY.
12. HEAD ASSY. -1/3
13. PLATEN ASSY. -1/3
14. CARTRIDGE BRACKET ASSY.
15. CARTRIDGE ASSY.
16. X-AXIS MOTOR RELAY PCB
17. ELECTRICAL DEVICE ASSY. -1/3
18. TAKE-UP DEVICE ASSY. -1/2
19. ROLL ASSY. -1/2
20. INK PATH PIPEWORK
21. PACKING ASSY. -1/2
22. BLOCK DIAGRAM (MAIN UNIT INSIDE)
22. BLOCK DIAGRAM (MAIN UNIT OUT-SIDE)

Mechanical Drawing								Rev.	
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0. RECOMMENDED PARTS LIST									1.0

No.	Rank	Parts codes	Name of part	Devision	Remarks	Changed
1	A	MP-M004868	S pump assy.		JV33-260	
2	A	MP-M007846	34 pressurization dumper assy.			
3	A	MP-M602093	Wiper slider 33		JV33-260	
4	A	MP-M700426	Cap stopper		JV5, JV33-260	
5	A	MP-M801331	CP pad 34			
6	A	MP-M905240	Cap head assembly		JV5, CJV30, JV33-260	
7	B	MP-021506.3MXP(VDE)	Fuse		JV33-260	
8	B	MP-0453.375MR	Fuse		CJV, JV33-260	
9	B	MP-1033462	Ink needle		JV33-260	
10	B	MP-1033477	Detector assy.		JV33-260	
11	B	MP-1080249	Tube , supply, ø2: N			
12	B	MP-150 S2M 380G	Belt with cleaning teeth		JFX, UJF, JV5	
13	B	MP-360TN15-30.0	Tooth Belt		JV5-320, JV33-260	
14	B	MP-D3M-01K1-3	Micro switch		JV33-260	
15	B	MP-E102451	Drying fan 1 assy.		JV33-260	
16	B	MP-E103646	Drying fan fork PCB assy.		JV33-260	
17	B	MP-E103784	Drying fan 2 assy.		JV33-260	
18	B	MP-E103957	UJ mark sensor PCB assy.		JV33-260	
19	B	MP-E103961	Encoder PCB assy.		JV5, JV33-260	
20	B	MP-E104412	External Exhaust fan assy.		JV33-260	
21	B	MP-E104539	Keyboard PCB assy.		JV33-260	
22	B	MP-E104856	X-axis motor relay PCB assy.		JV33-260	
23	B	MP-E104876	Regenerative Resistance PCB assy.		JV33-260	
24	B	MP-E104878	Heavy-duty feeding/take-up PCB assy.		JV33-260	
25	B	MP-E104911	Ink cartridge solenoid assy.		JV33-260	
26	B	MP-E104984	Feeding/take-up switch PCB assy.		JV5, JV33-260	
27	B	MP-E104988	LED PCB assy.		JV33-260	
28	B	MP-E105043	Double-sided sensor PCB assy.		JV33-260	
29	B	MP-E105363	ID contact PCB CN032 assy.		JV33-260	
30	B	MP-E105470	Extension Relay PCB assy.		JV33-260	
31	B	MP-E105471	Heater PCB assy.		JV33-260	
32	B	MP-E105816	PRAM (512MB) PCB assy.		JV33-260	
33	B	MP-E106495	HDC PCB assy.			
34	B	MP-E106496	Slider PCB assy.			
35	B	MP-E106498	Station PCB assy.			
36	B	MP-E106508	Mini memory PCB assy.			
37	B	MP-E106536	Main PCB 260 assy.			
38	B	MP-E300409	Brushless motor SK		JV33-260	
39	B	MP-E300413	Take-up motor PCB SK assy.		JV3, JV33-260	
40	B	MP-E300474	Power unit PCB		JV33-260	
41	B	MP-E300513	Stepping motor		JV5, JV33-260	
42	B	MP-E300643	Cutter driver FPC			
43	B	MP-E300842	Linear encoder scale 2416			
44	B	MP-E300787	Feeding gear motor/gear head 260 Assy		JV33-260	
45	B	MP-E300788	Take-up gear motor/gear head 260assy.		JV33-260	
46	B	MP-E300823	Head FFC assy.			
47	B	MP-E300841	HDC FFC 180 assy.			

Mechanical Drawing										Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver		Remark		
0. RECOMMENDED PARTS LIST										1.0

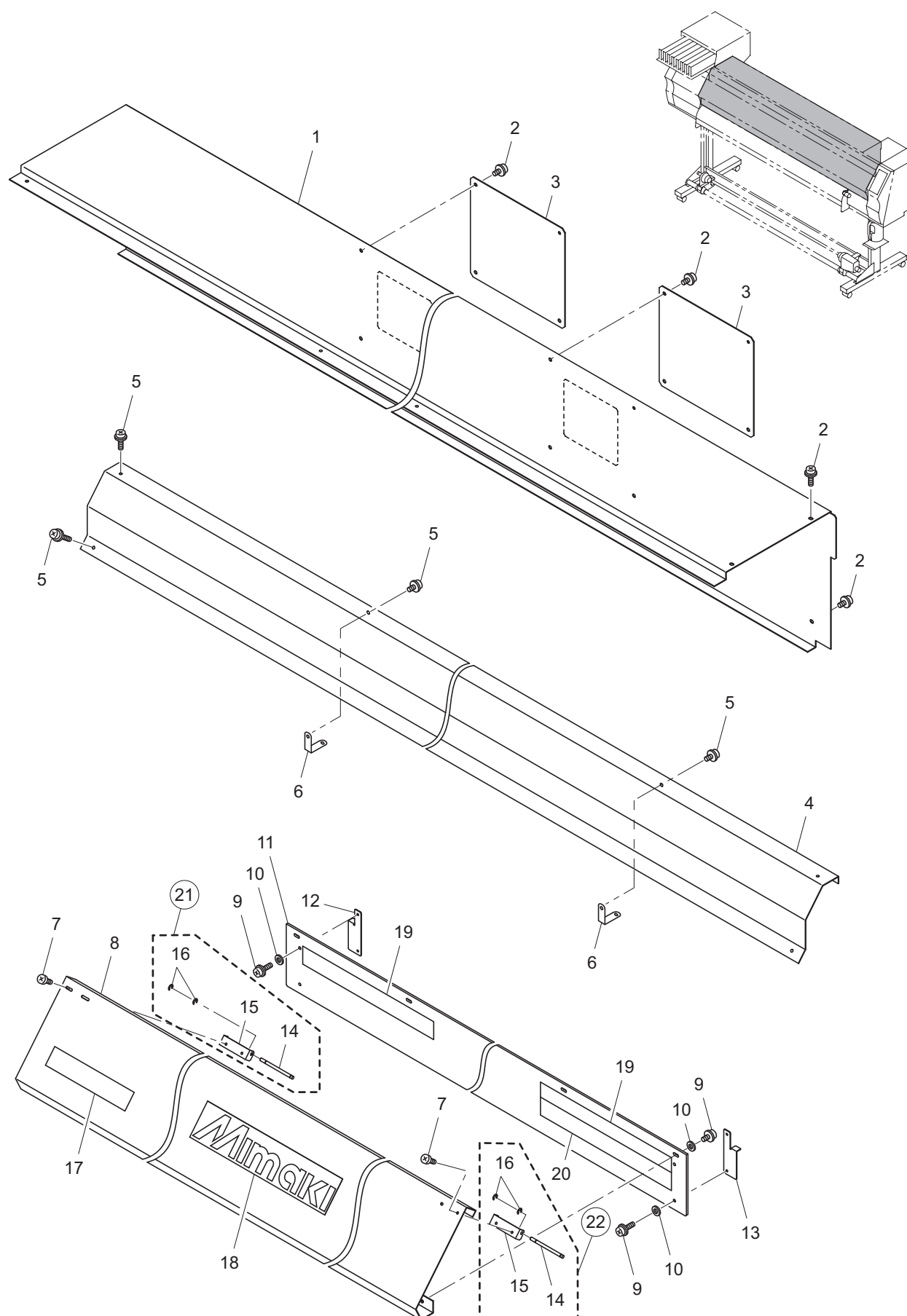
No.	Rank	Parts codes	Name of part	Devision	Remarks	Changed
48	B	MP-E300843	X motor junction FFC 180-1			
49	B	MP-E300839	X motor junction FFC 180-2			
50	B	MP-FWR-TN2-P=1.0-L1-20-500	LED PCB FFC		JV33-260	
51	B	MP-M006676	RS O-ring (100 piece contain)		JV33-260	
52	B	MP-M006680	O ring (100 piece contain)			
53	B	MP-M006682	RS O-ring (100 piece contain)		JV33-260	
54	B	MP-M006891	Y drive pulley assy.		JV5, JV33-260	
55	B	MP-M006977	Y-T pulley assy.		JV5, JV33-260	
56	B	MP-M007124	Valve N-3 M6 assy.		JV33-260	
57	B	MP-M007620	Y-axis motor all assy. 33			
58	B	MP-M008660	Cartridge frame assy.2		JV33-260	
59	B	MP-M008665	Cartridge frame V assy.		JV33-260	
60	B	MP-M010166	X-axis motor assy. II		JV5-320, JV33-260	
61	B	MP-M010792	34 print head ID set			
62	B	MP-M010793	34 dumper joint assy.			
63	B	MP-M600500	Roll holder		JV3, JV33-260	
64	B	MP-M600597	Head lock screw		JV3, JV33-260	
65	B	MP-M601888	Y joint 1-2D		JV5	
66	B	MP-M602092	Wiper link		JV33-260	
67	B	MP-M602148	ø2 T joint M6		JV33-260	
68	B	MP-M602278	Guide cap		JV33-260	
69	B	MP-M700322	Pinch roller (EPDM)			
70	B	MP-M700326	RS Oring (100 piece contain)		JV33-260	
71	B	MP-M700782	ø2 Rubber stopper		JV33-260	
72	B	MP-M800997	Take-up/feeding encoder scale		JV5, JV33-260	
73	B	MP-M801130	Y drive belt 33 260		JV33-260	
74	B	MP-M801332	W soak up pad 34			
75	B	MP-MK-12	Mini keeper		JV3, JV33-260	
76	B	MP-OJ-6505-N2	Photo sensor		JV33-260	
77	B	MP-PS-R11L-B	Photo sensor		JV33-260	
78	B	MP-SG113	Photo sensor ROHS		JV33-260	
79	B	MP-TLC15AN4	Fuse		JV33-260	
80	B	MP-TLC-N4-12A	Fuse (10 pieces)			
81	B	MP-VFY206	Mini fitting (F) Y type			

**1. COVER ASSY. -1/4**

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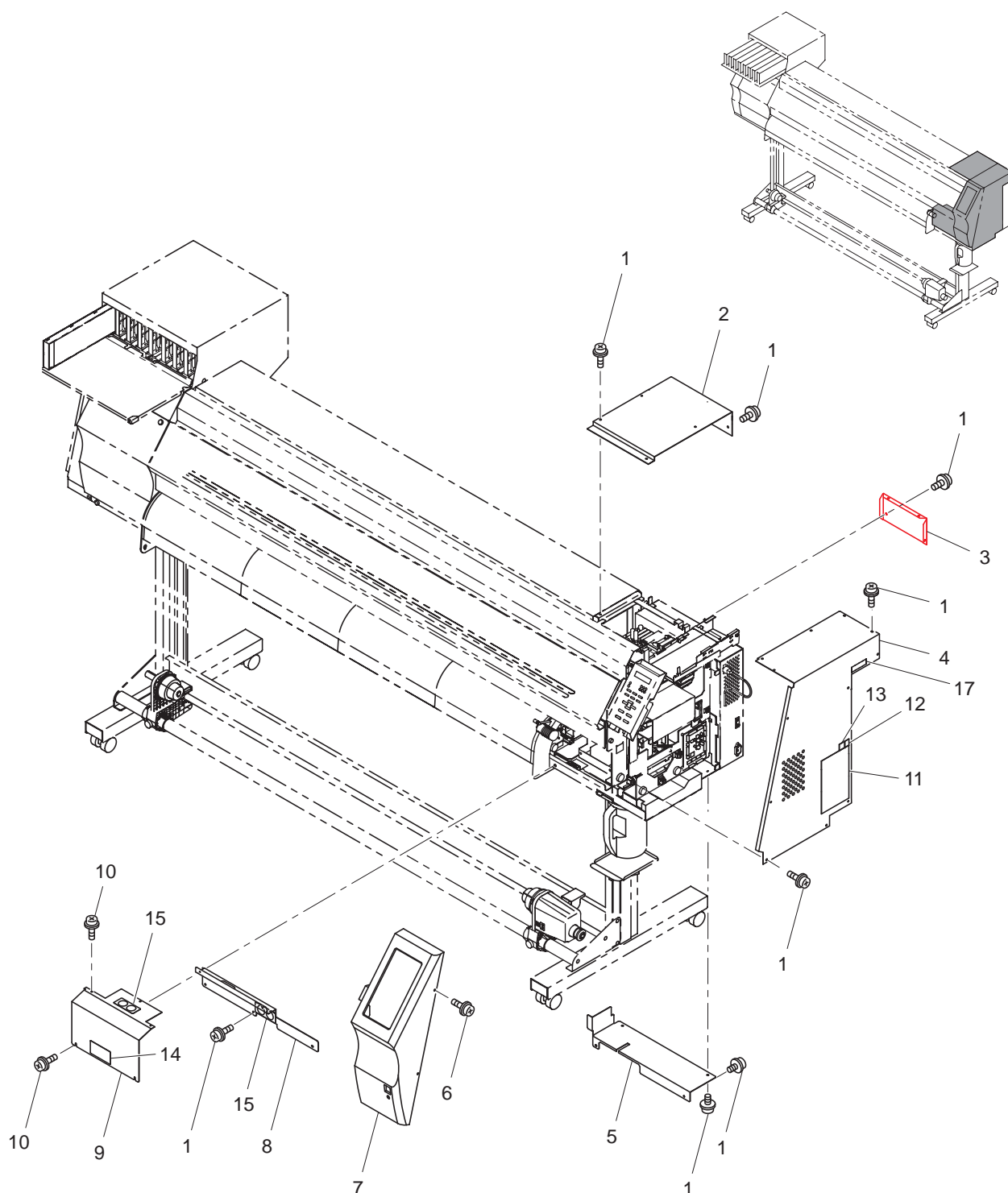
\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 1. COVER ASSY. -2/4





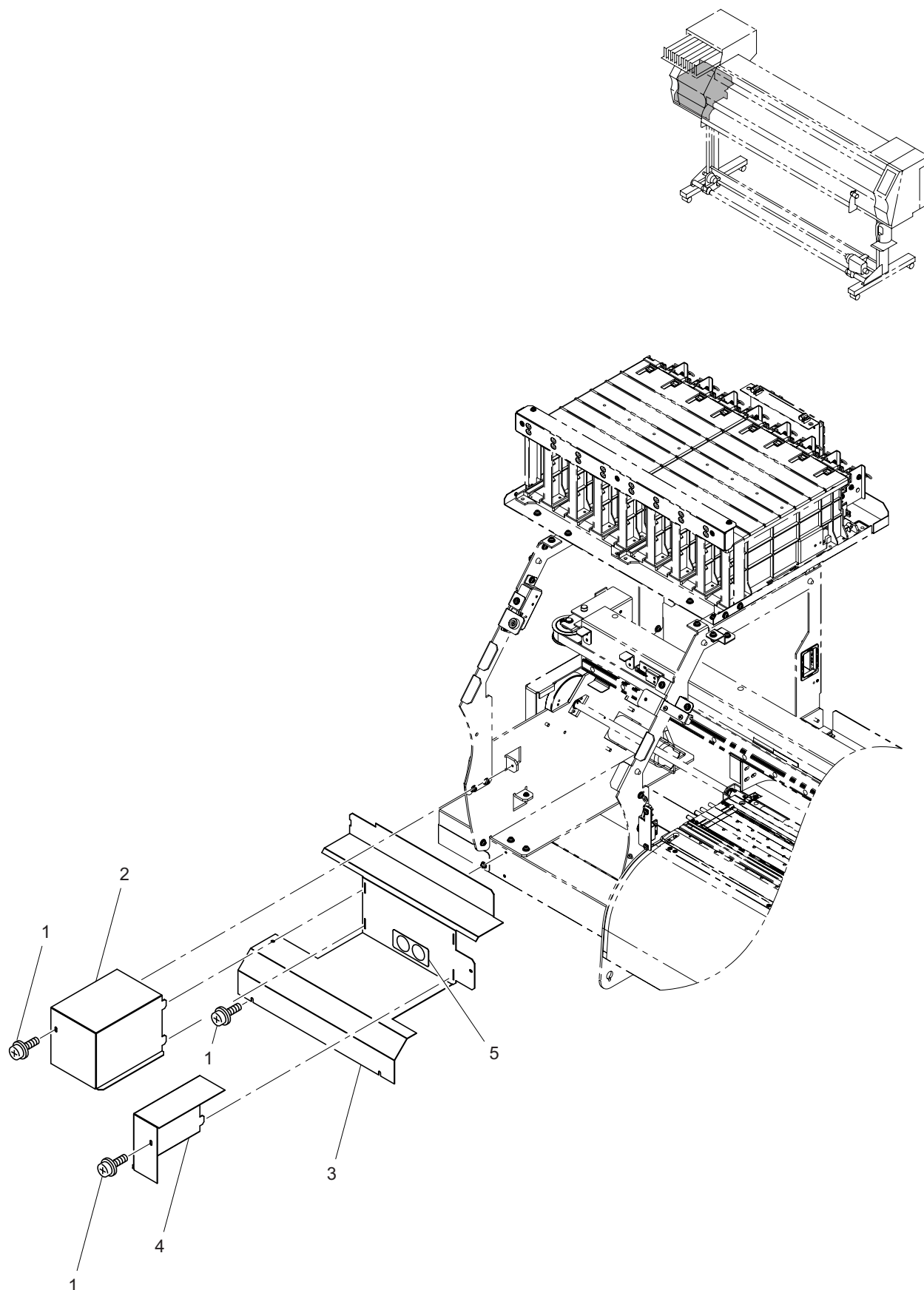




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\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

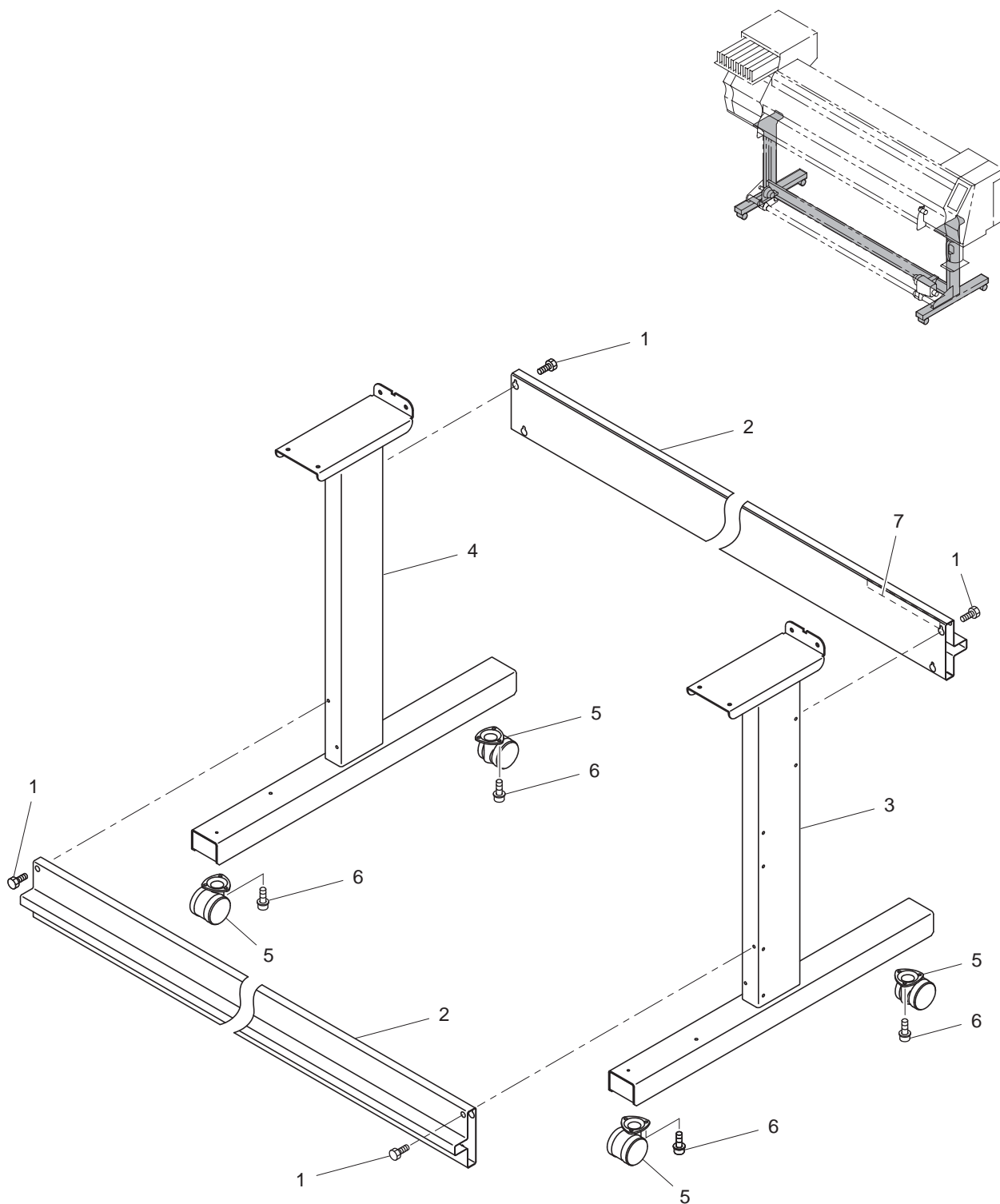
# 1. COVER ASSY. -4/4



Mechanical Drawing							Rev.
Model	TS34-	Issued	2011.10.21	Revised	F/W ver	Remark	1.0
<b>1. COVER ASSY. -4/4</b>							

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1			Screw	P3x8SMW	3			JV33-260		
2		M508791	MS cover 2		1			JV33-260		
3		M514677	MS cover (for TS34-1800)		1					
4		M508884	Heater connector cover		1			JV33-260		
5		M903330	Operation warning plate		1			JV33-260		
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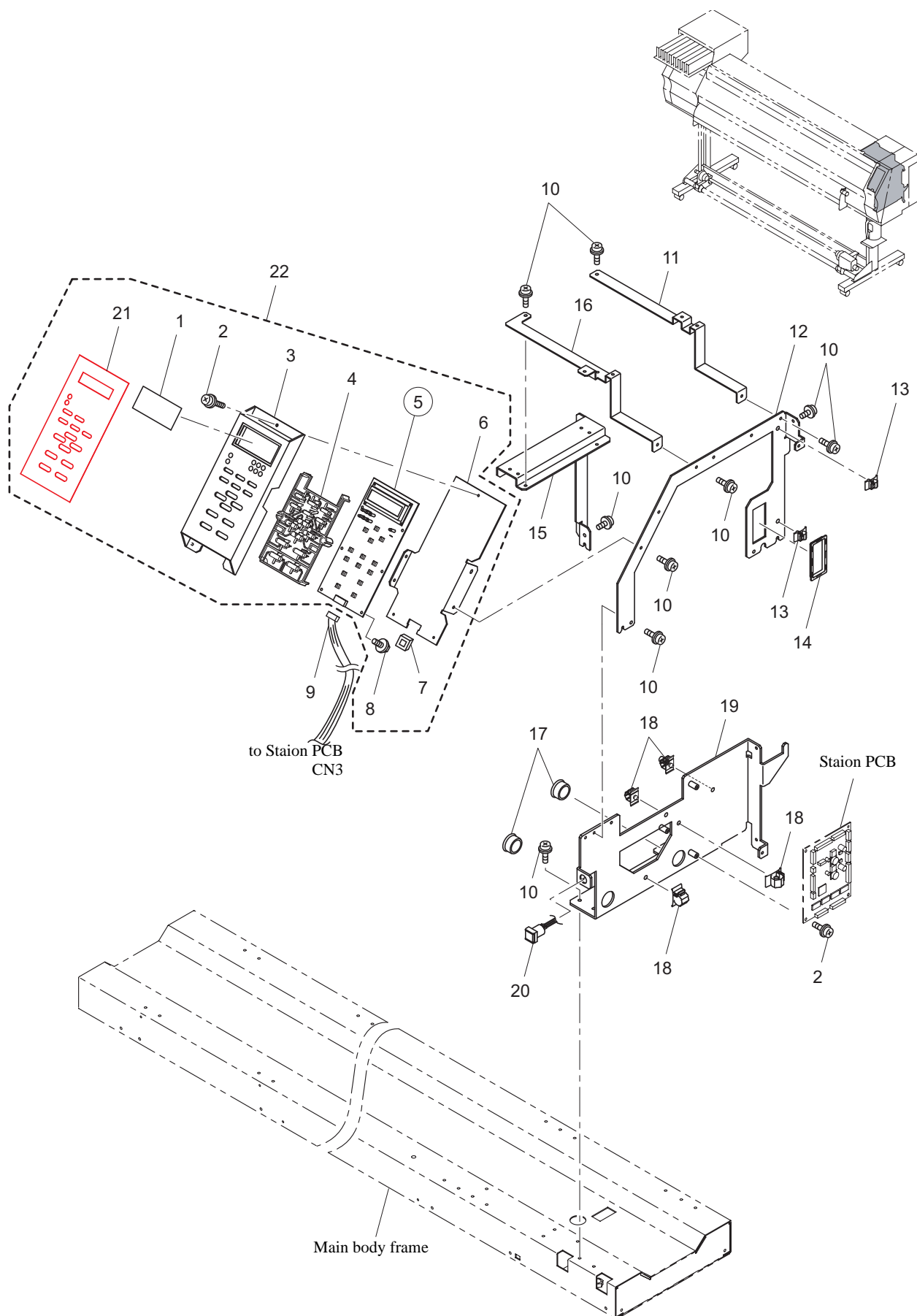
\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**2. LEG ASSY.**

## 2. LEG ASSY.

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

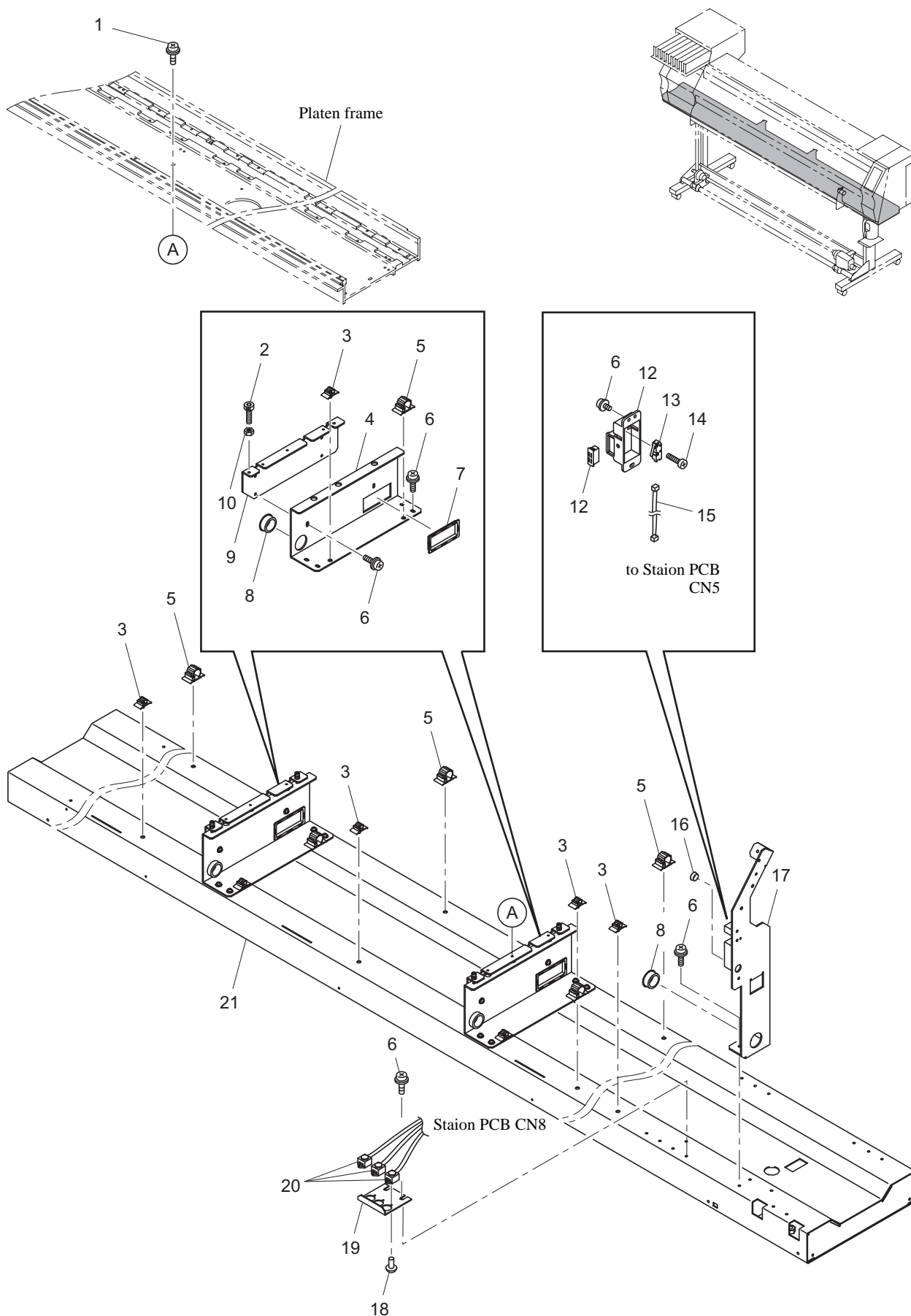
**3. FRAME ASSY. -1/4**



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

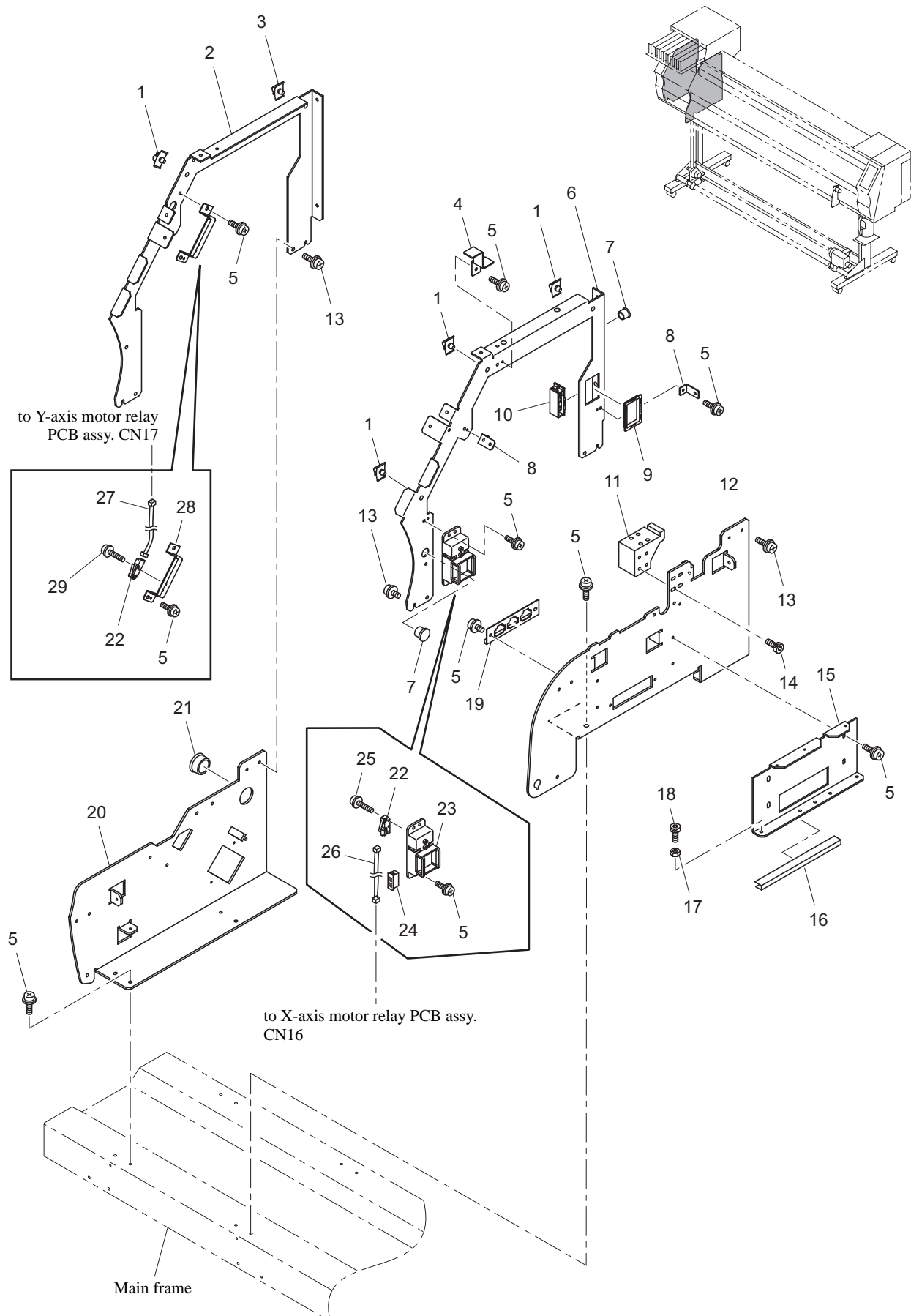
### 3. FRAME ASSY. -2/4



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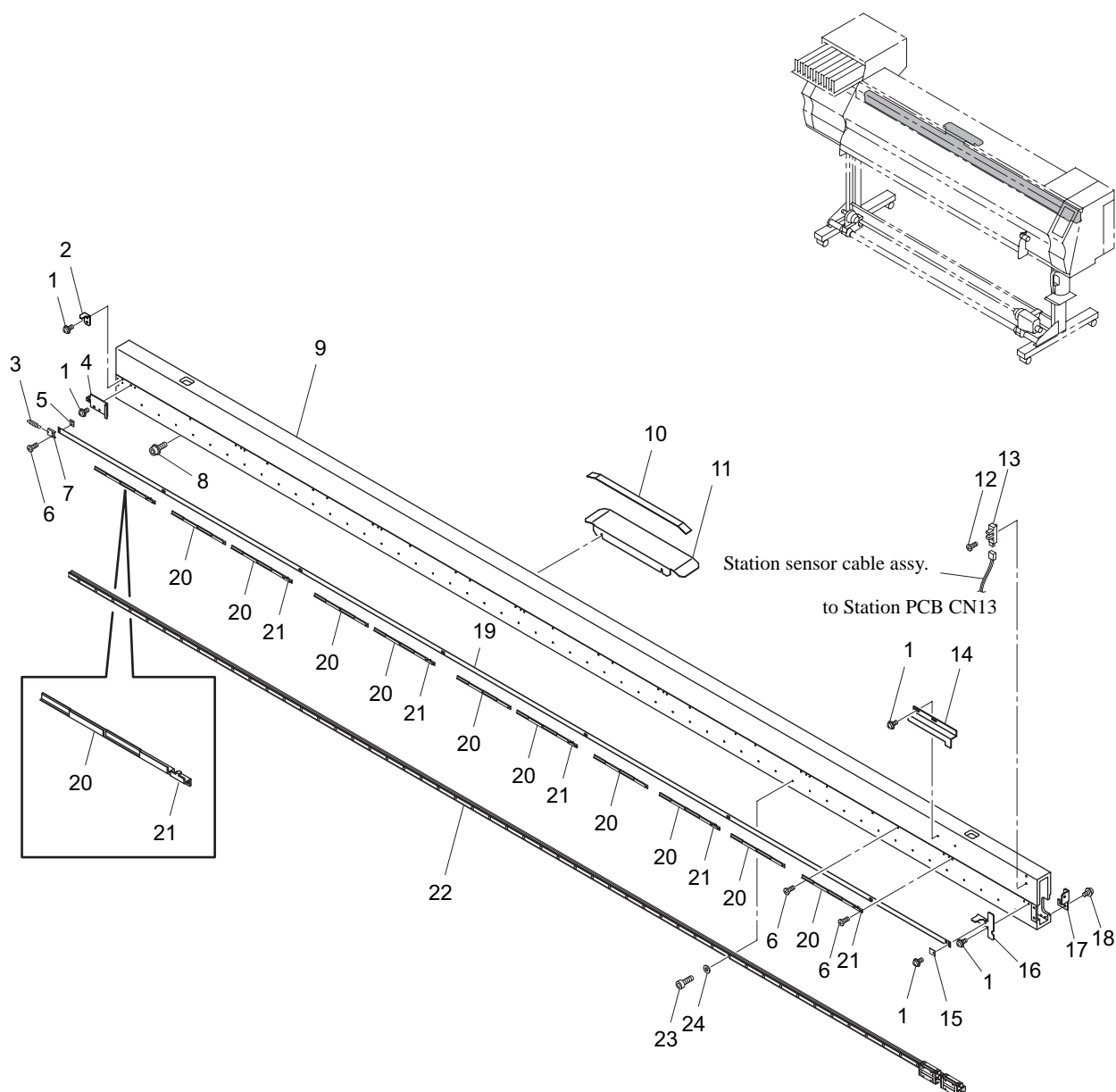
\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 3. FRAME ASSY. -3/4

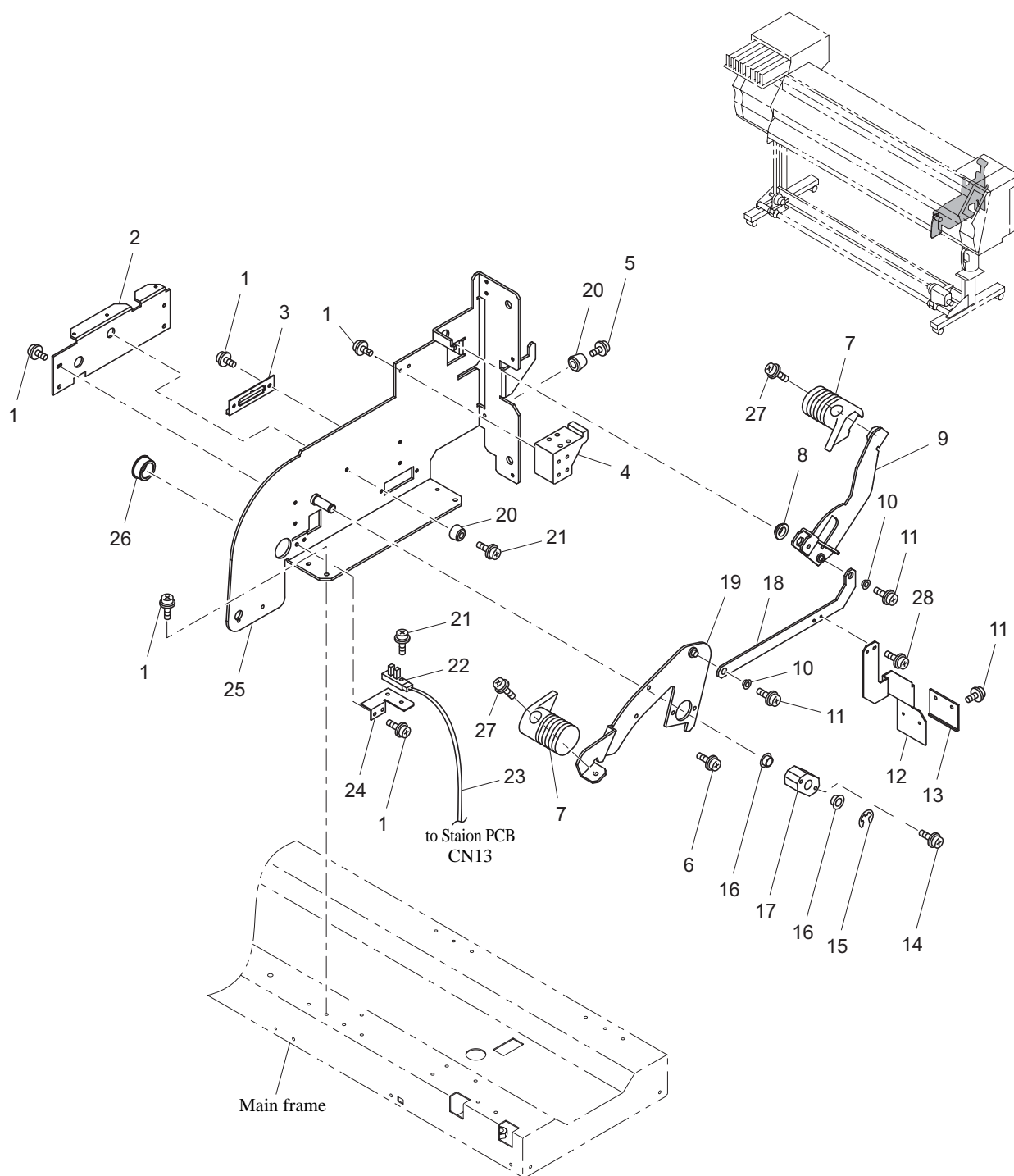


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\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**3. FRAME ASSY. -4/4**

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

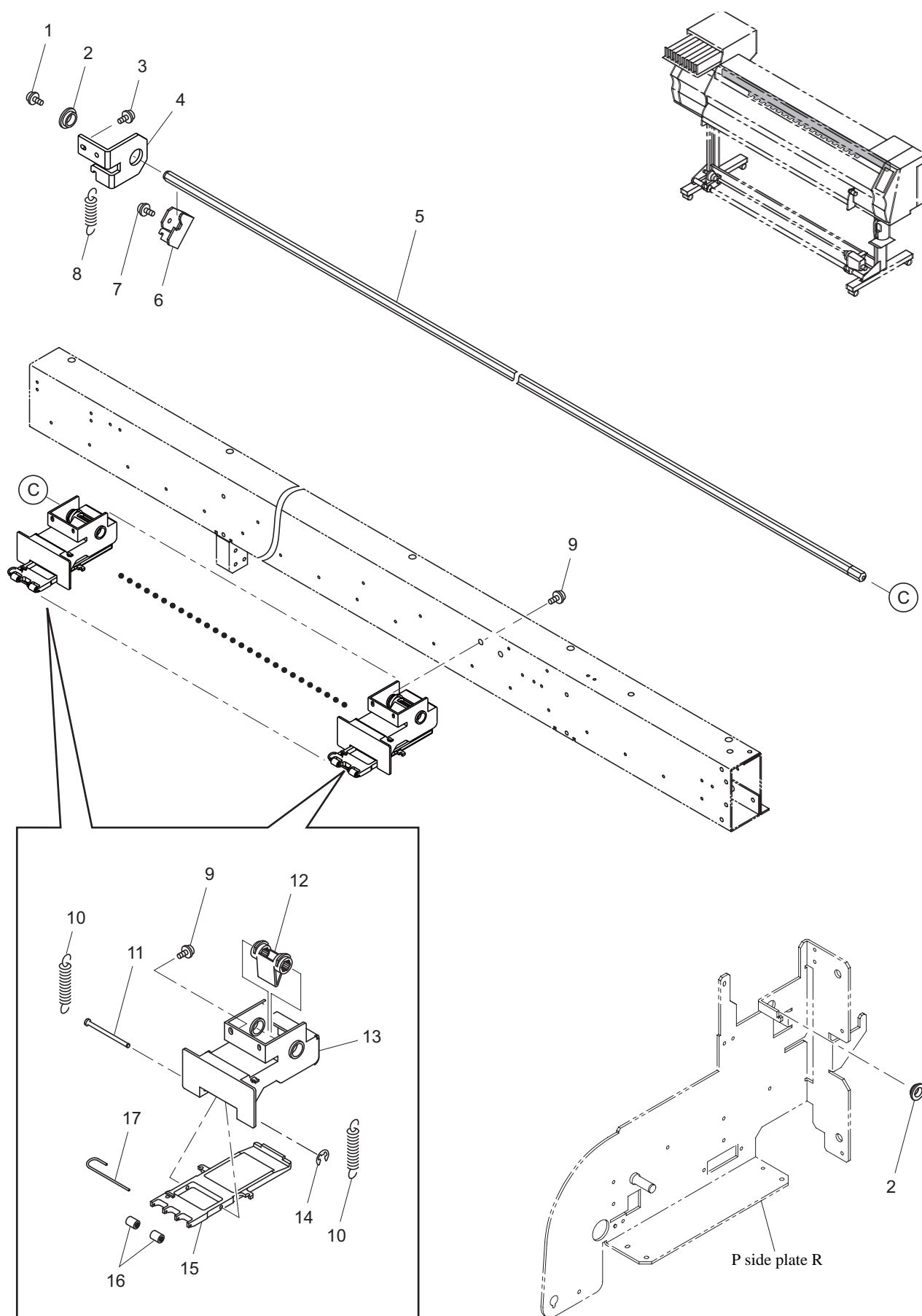
**4. CLAMP ASSY. -1/2**



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

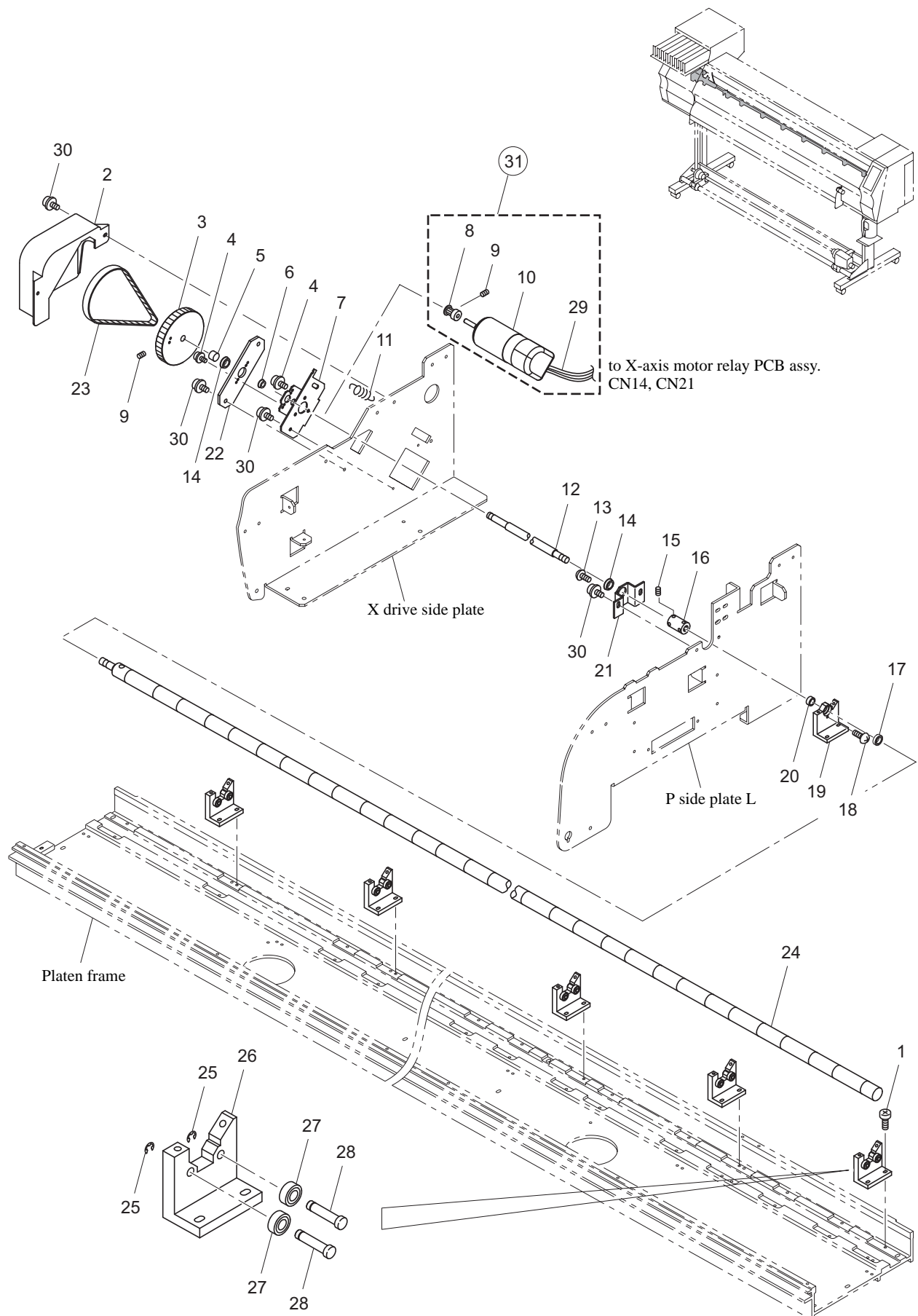
## 4. CLAMP ASSY. -2/2



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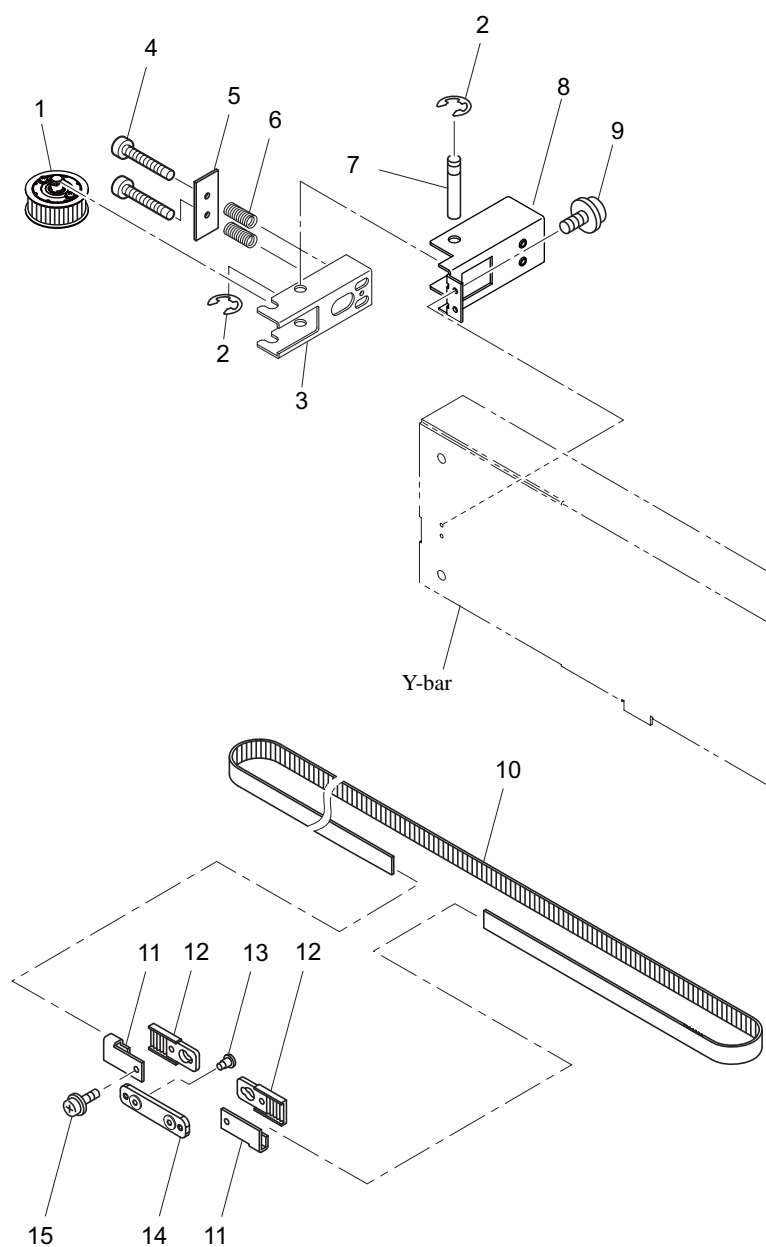
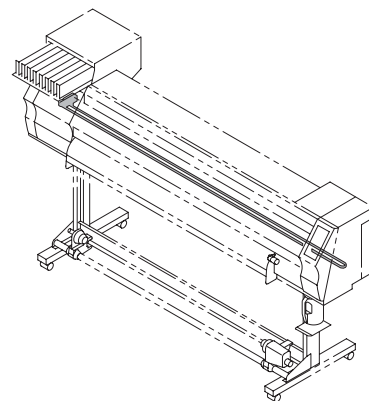
\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 5. X DRIVE ASSY.



[illegible]

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

**6. Y DRIVE ASSY. -1/2**

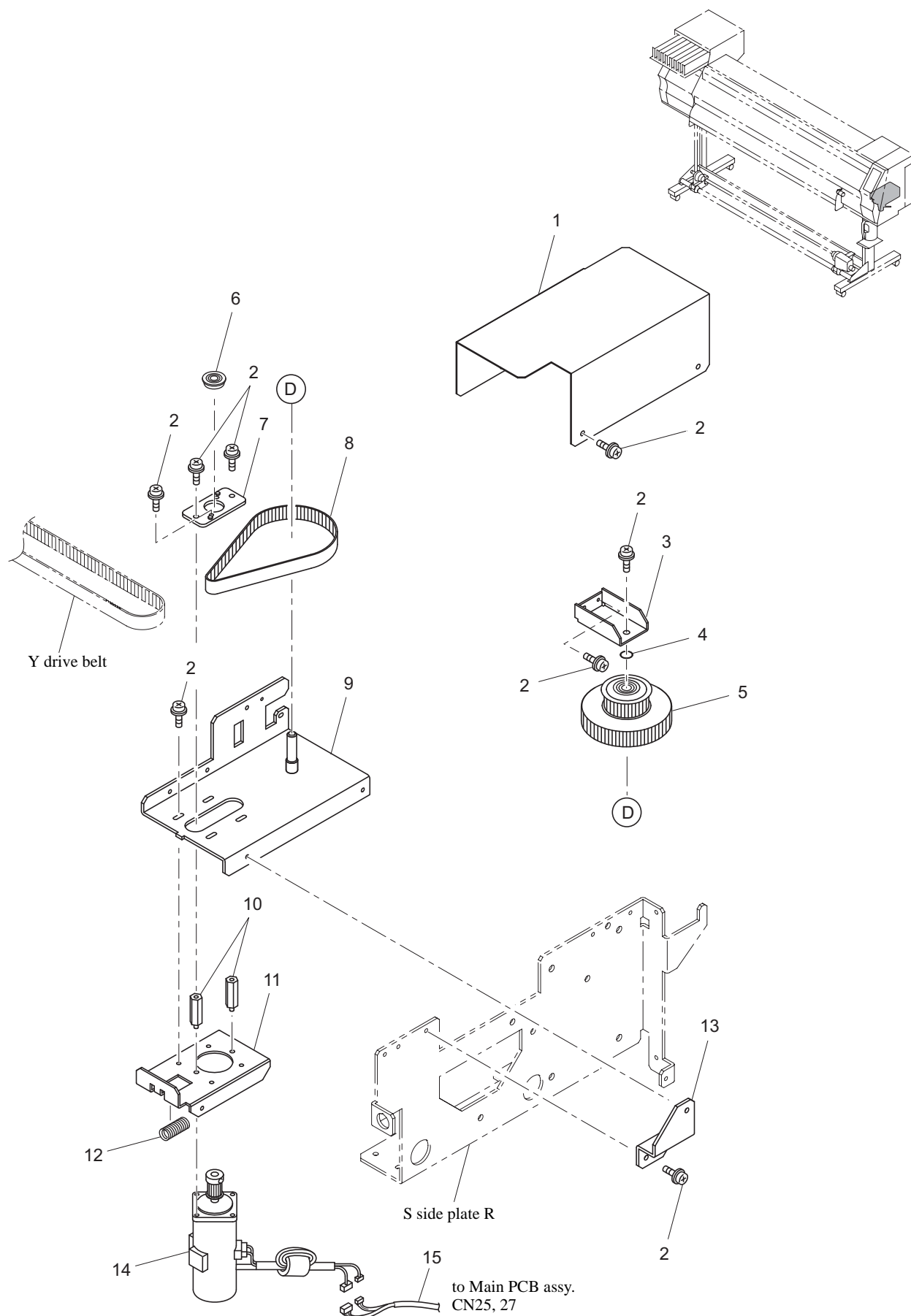
Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>6. Y DRIVE ASSY. -1/2</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1	B	MP-M006977	Y-T pulley assy.		1			JV5, JV33-260		
2			E-ring	E-6	2			JV33-260		
3		M510408	Y-T pulley bracket 30		1			CJV, JV33-260		
4			Screw	B5x60	2			JV33-260		
5		M510620	Y spring plate 30		1			CJV, JV33-260		
6		M800569	Y spring		2			JV3, JV33-260		
7		M202842	Y-T fulcrum pin		1			JV3, JV33-260		
8		M513720	Y-T base 34							
9			Screw	P4x12SMW	2			JV33-260		
10	B	MP-M801462	Y drive belt 180		1					
11		M503786	Belt holder S		2			JV3, JV33-260		
12		M400160	Belt holder 1		2			JV3, JV33-260		
13		M400284	Belt screw		2			JV33-260		
14		M400161	Belt holder		1			JV3, JV33-260		
15			Screw	P4x6SMW	2			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 6. Y DRIVE ASSY. -2/2

1.0





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





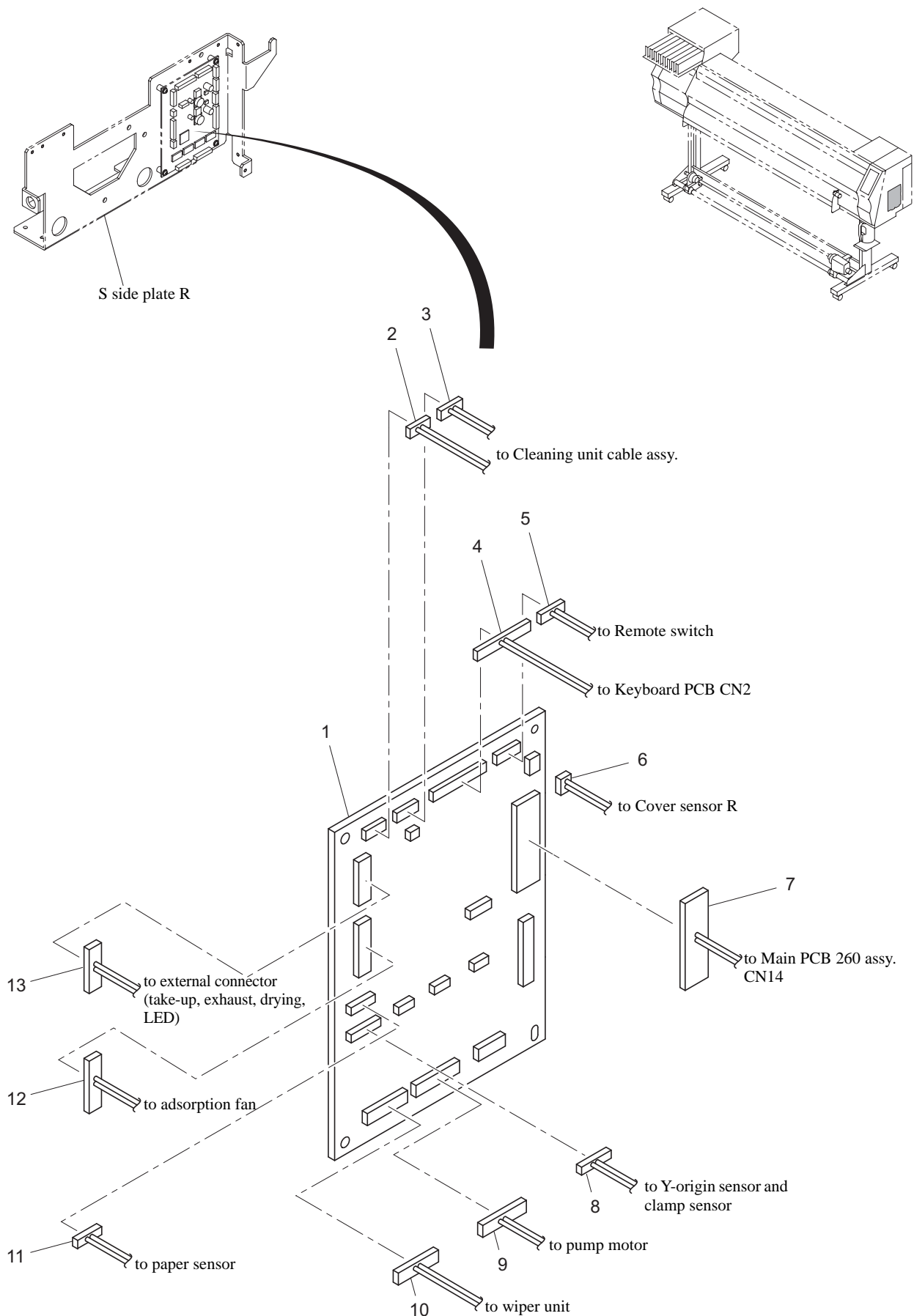


Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>8. STATION ASSY. -1/2</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M513809	Station cover Right		1					
2			Screw	P3x8SMW	22					
3			Washer	5.2x8x0.5	4					
4	B	MP-VFY206	Mini fitting (F) Y type		3					
5			Screw	P4x12SMW	20					
6		M513701	C positioning guide L		1					
7		M513702	C positioning guide R		1					
8		M400233	Bearing holder screw		4					
9		MP-M513699	C base		1			JV33-260		
10			Screw	CS4x16	4			JV33-260		
11			Nut	M4	2			JV33-260		
12		M513711	C base angle 34		1					
13		M509067	CP-S angle spacer		1			JV33-260		
14			Clamp	CKS-13-L	6			JV33-260		
15			Lock edge saddle	EDS-1710L-V0	1					
16	A	MP-M004868	S pump assy.		2			JV33-260		
17			E-ring	E-4	2			JV33-260		
18		M601044	Pump-middle gear		2			JV3, JV33-260		
19			One touch bushing	TB-1116	2			JV33-260		
20		E300513	Stepping motor	or E300495	2			JV33-260		
21		M400210	Pump motor gear		2			JV3, JV33-260		
22			Hexagon socket set screw	SSWP3x3 Black	2			JV33-260		
23		M513727	Pump motor bracket 34		2					
24		M508887	Pump bracket		2			JV33-260		
25		M513707	Tube holder bracket 34		1					
26		M400263	Tube end		1			JV3, JV33-260		
27		M514617	ST tray S		1					
28		M513698	C Slide stopper		1					
29			Rubber foot	TK-10	1					
30			Screw	CS3x6	1					
31		M514095	Height adjusting BKT C		1					
32		M513708	W bracket spacer 34		1					
33		M513696	Wiper base BKT34		1					
34		M513705	Double ink guard 34		1					
35			Screw	P3x14SMW	1			JV33-260		
36			Collar	ø3x10				JV33-260		
37		M801333	Station soak up pad 34		1					
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

## 8. STATION ASSY. -2/2

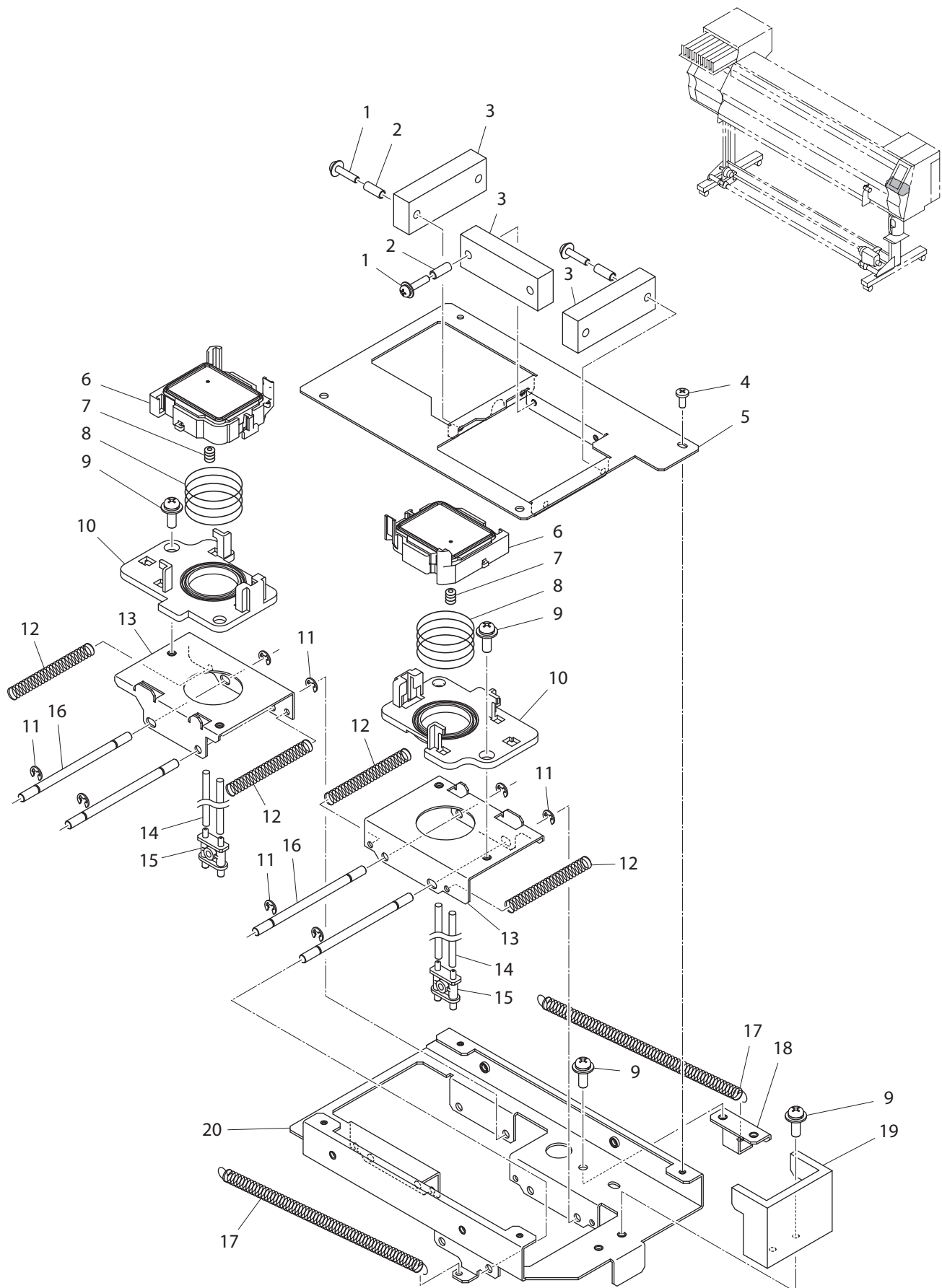


Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	1.0
<b>8. STATION ASSY. -2/2</b>							

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					180					
1	B	MP-E106498	Station PCB assy.		1					
2	B	MP-1033477	Detector assy.		1			JV33-260		
3		E104924	Cleaning unit cable assy.	or E105413	1			JV33-260		
4		E104913	Keyboard cable assy.		1			JV33-260		
5		E104921	Remote switch assy.		1			JV33-260		
6		E104909	Cover sensor cable R assy.		1			JV33-260		
7		E104905	Station cable assy.		1			JV33-260		
8		E105699	Station sensor cable 260 assy.		1			JV33-260		
9		E106505	Pump motor cable assy.		1					
10		E104919	Wiper unit cable assy.		1			JV33-260		
11		E105694	Paper sensor cable 260 assy.		1			JV33-260		
12		E106632	Absorption fan junction cable 180 assy.		1					
13		E106504	Combind Cable assy.		1					
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 9. CAP BASE ASSY.





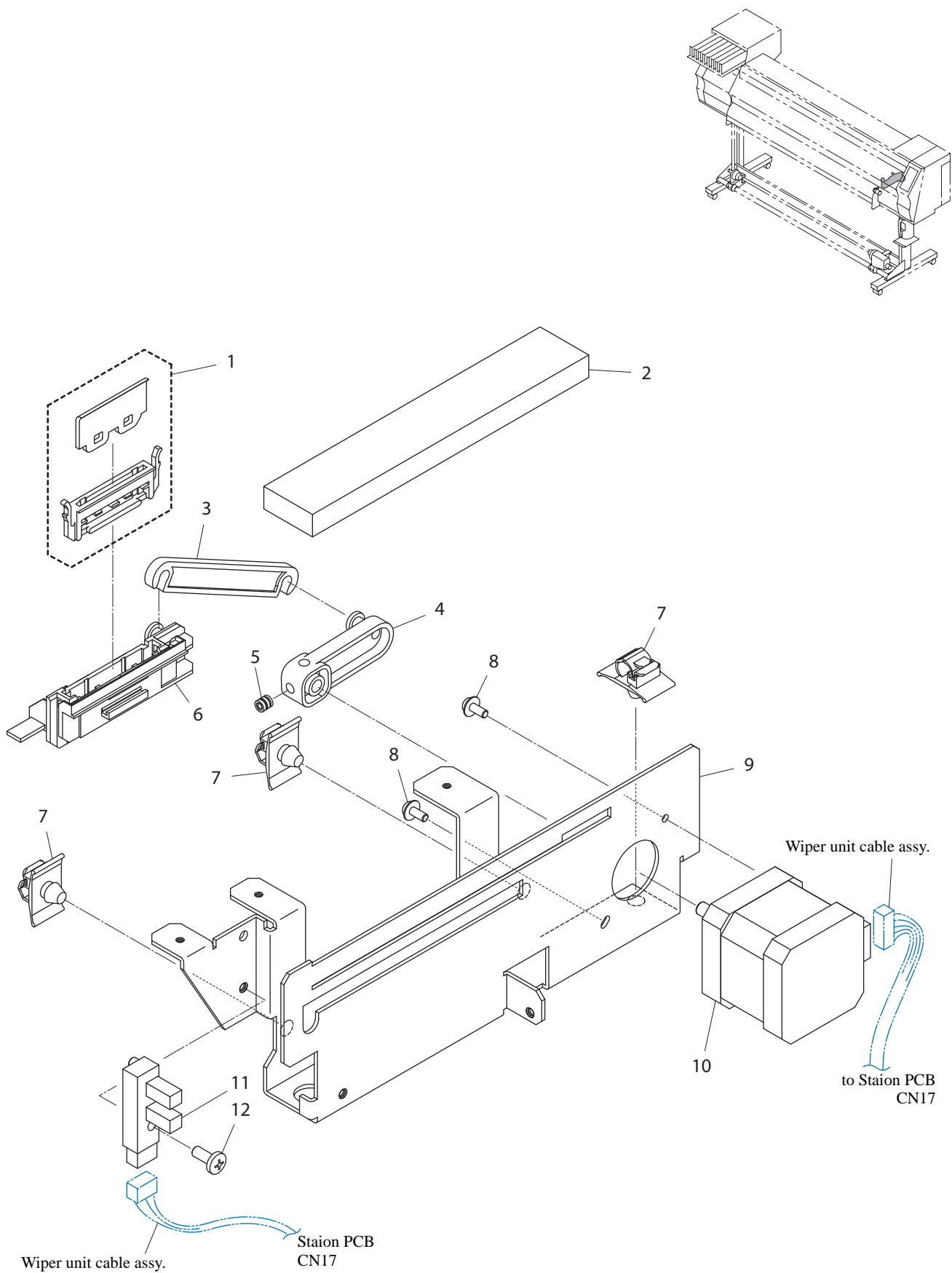
Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver	Remark
<b>9. CAP BASE ASSY.</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1			Screw	P3x12SMW	6					
2			Roll collar	ø3x10	6			JV33-260		
3	A	MP-M801331	CP pad 34		3					
4			Screw	B3x6 Black	4					
5		M513706	C slider cover		1					
6	A	MP-M905240	Cap head assembly		2			JV5, CIV30, JV33-260		
7	A	MP-M700426	Cap stopper		2			JV5, JV33-260		
8		M800864	Cap spring	ø27	2			JV5, JV33-260		
9			Screw	P4x12SMW	8					
10		MP-M207033	Cap Base 1H		2					
11			E-ring	E-3	8					
12		M801338	Cap positioning spring		4					
13		M513703	C positioning BKT		2					
14	B	SPA-0148	SFPA-LTU tube (10M scroll)	ø1.6x2.6 (L=50mm)	4			JV33-260		
15		M602095	CP joint		1			JV33-260		
16		M207015	C positioning guide pin		4					
17		M801337	C slider spring		2					
18		M513704	C slider SP hook		1					
19		M602721	C slide block		1					
20		M513700	C slider		1					
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 10. WIPER ASSY.

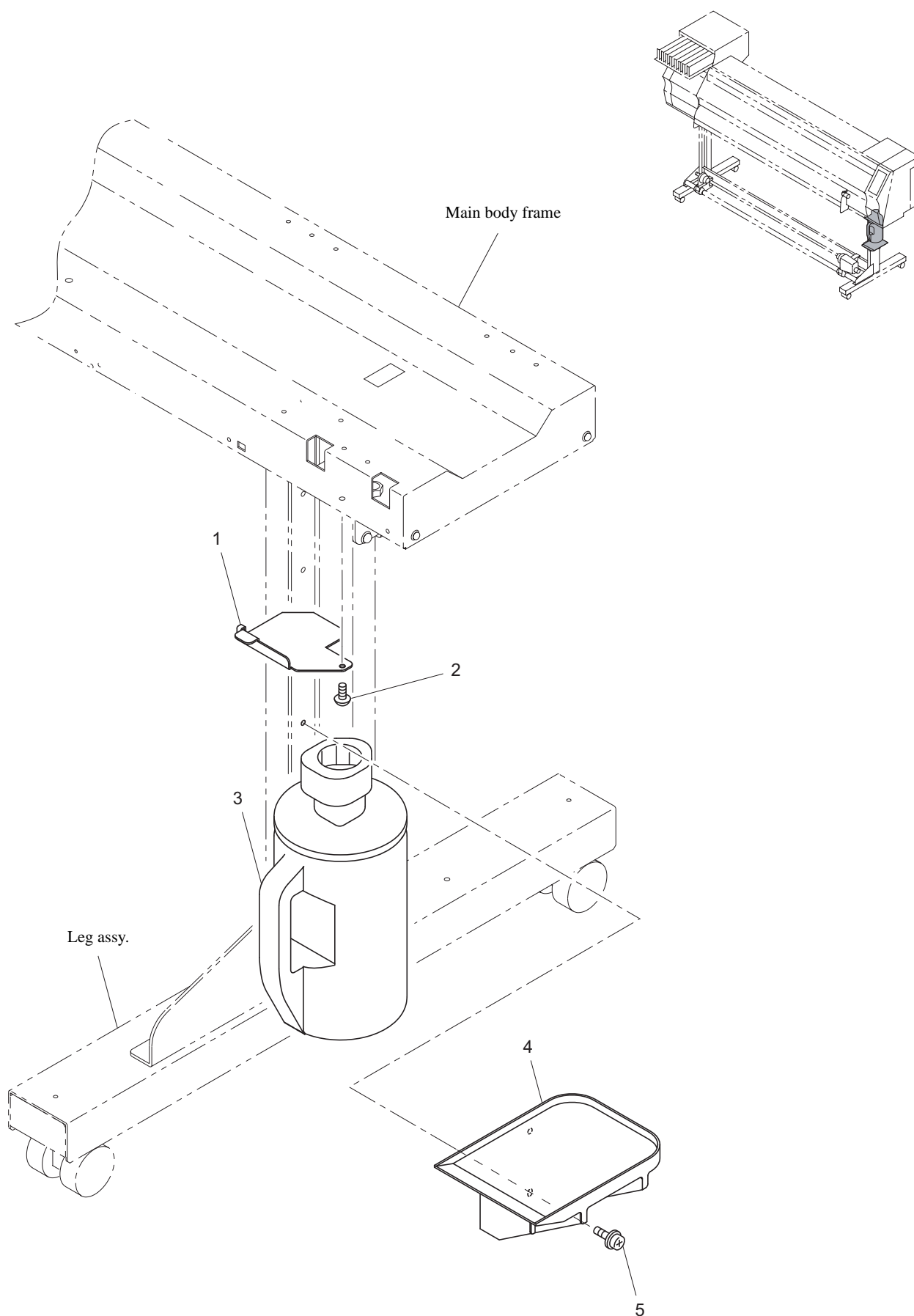
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Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver	Remark
<b>10. WIPER ASSY.</b>							<b>1.0</b>

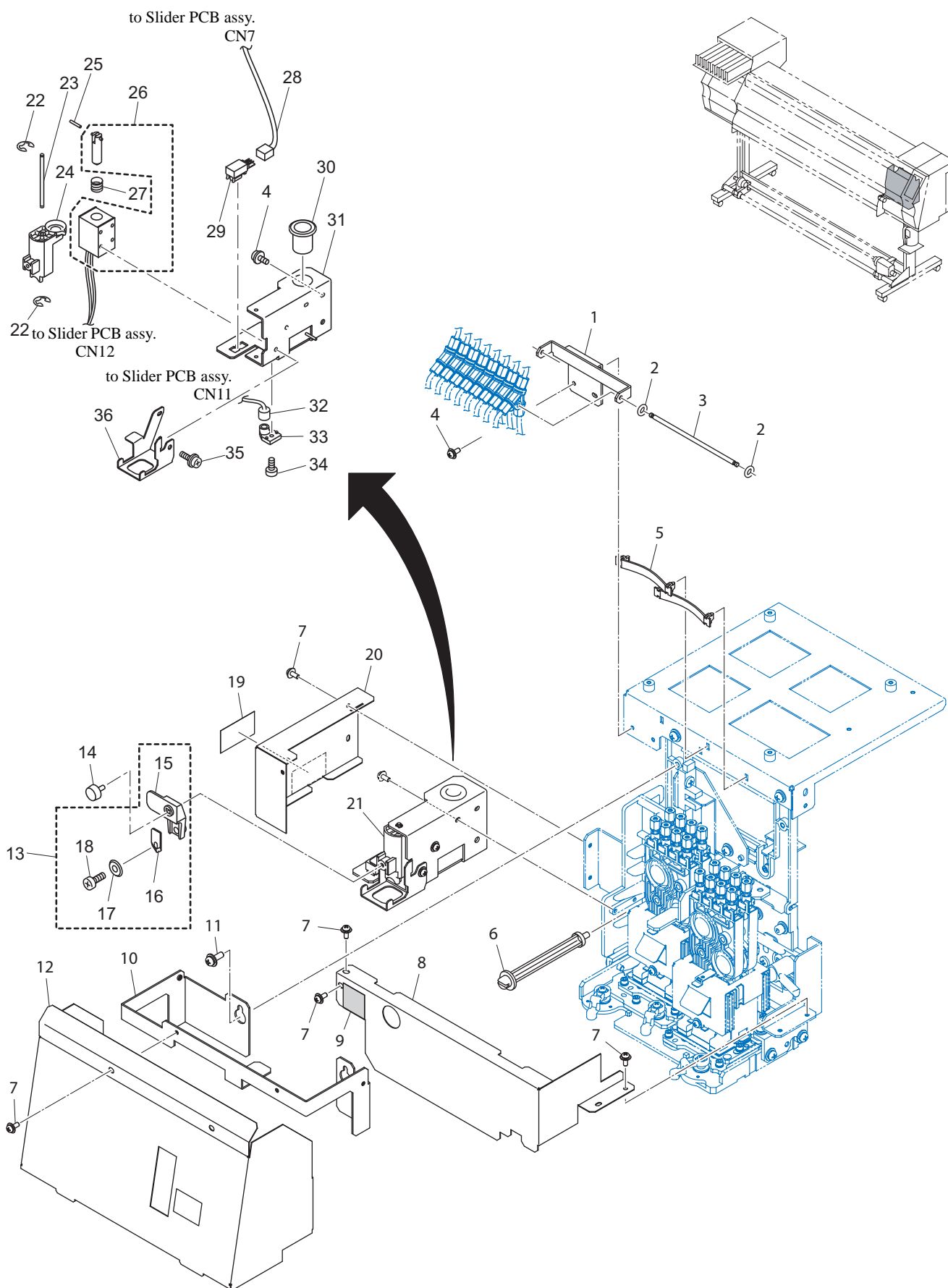
No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		SPA-0134	Wiper braid JV5		1			JV33-260		
2	B	MP-M801332	W soak up pad 34		1					
3	B	MP-M602092	Wiper link		1			JV33-260		
4		M602091	Wiper drive link		1			JV33-260		
5			Hexagon socket set screw	SSWP3x3 Black	1			JV33-260		
6	A	MP-M602093	Wiper slider 33		1			JV33-260		
7			CKS clamp	CKS-07-L	3			JV33-260		
8			Screw	P3x8SMW	2			JV33-260		
9		M513695	Wiper base 34		1					
10	B	MP-E300513	Stepping motor	or E300495	1			JV5, JV33-260		
11	B	MP-OJ-6505-N2	Photo sensor		1			JV33-260		
12			Screw	B4x10 Black	1			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**11. WASTE INK TANK ASSY.**

[illegible]

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

**12. HEAD ASSY. -1/3****1.0**

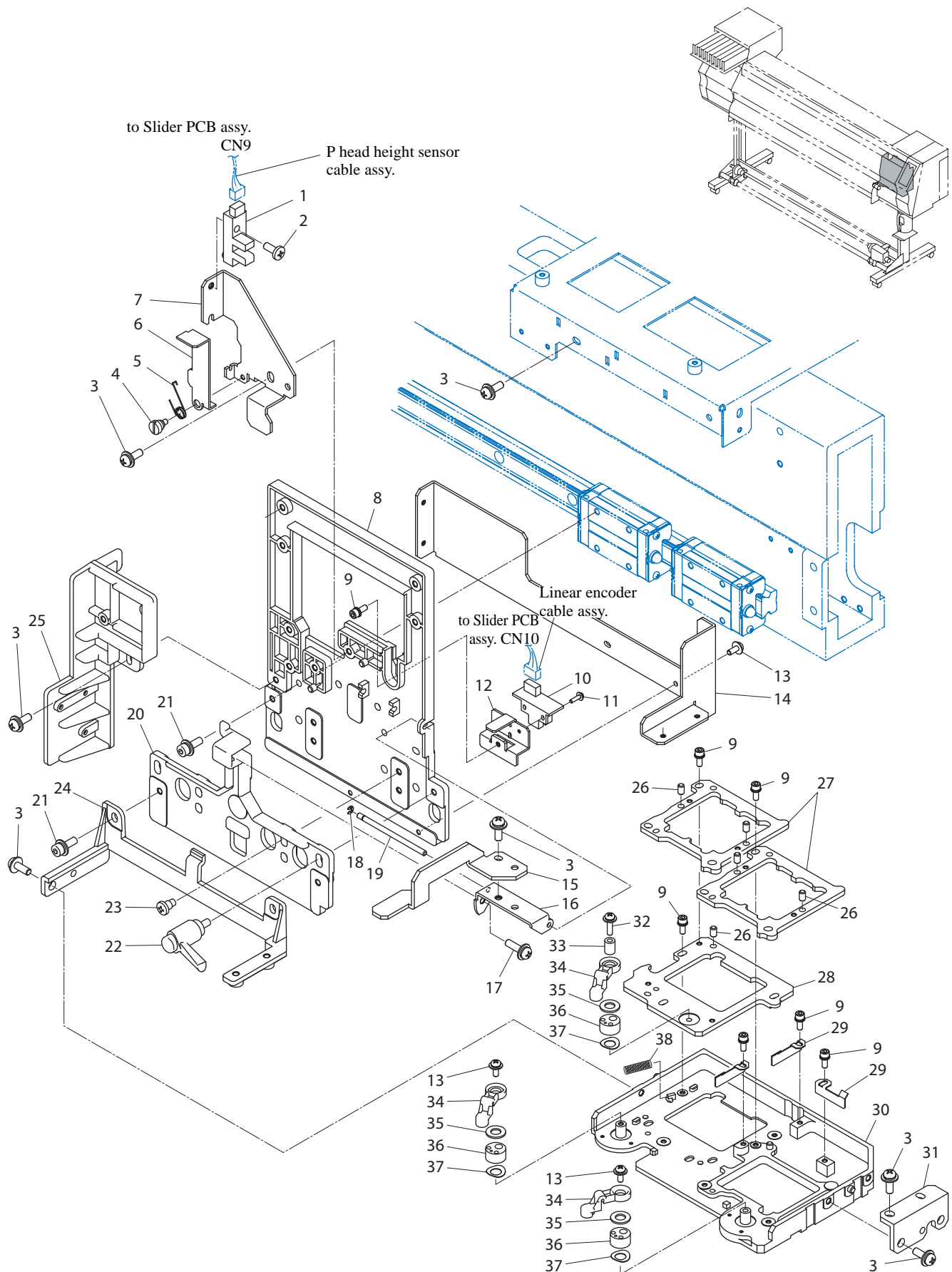
Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver	
12. HEAD ASSY. -1/3							1.0

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M513726	Joint holder		1					
2	B	MP-M700326	RS o ring 2.16*1.4 (100 piece contain)		2				100	
3		M207018	Y-joint connecting pin		1					
4			Screw	P3x8SMW	3			JV33-260		
5			Flat clamp	FCR-45V0	2					
6	B	MP-M600597	Head lock screw		1			JV3, JV33-260		
7			Screw	P3x8SMW Black	2			JV33-260		
8		M513813	P cover L		1					
9		M903405	Cutter warning plate		1			JV3, JV33-260		
10		M513816	P cover BKT		1					
11			Screw	P4x12SMW	2			JV33-260		
12		M513817	P cover U		1					
13		SPA-0107	Cutter blade assy.		1			JV33-260		
14			Finger screw	M3x8	1			JV33-260		
15		M601086	Cutter blade holder		1			JV3, JV33-260		
16		M201535	Cutter L		1			JV3, JV33-260		
17		M601085	Cutter roller		1			JV3, JV33-260		
18		M400219	Cutter screw		1			JV33-260		
19		M901978	Origin position plate		1			JV3, JV33-260		
20		M513814	C cover		1					
21		M007482	JV33 cutter assy.		1			JV33-260		
22			E-ring	E-2	2			JV33-260		
23		M205601	Media cutter guide pin		1			JV33-260		
24		M602125	Cutter holder		1			JV33-260		
25			Corrugated SP pin	ø2x12	1			JV33-260		
26		E104926	Cutter solenoid P head assy.		1			JV33-260		
27		M800665	Cutter spring 2		1			JV33-260		
28		E104930	Paper width sensor cable P head assy.		1			JV33-260		
29	B	MP-SG113	Photo sensor ROHS		1			JV33-260		
30			One touch bushing	TB-1116	1			JV33-260		
31		M508860	Cutter bracket (P dedicated)		1			JV33-260		
32		E104928	LED pointer P head assy.		1			JV33-260		
33		M601294	LED holder		1			JV33-260		
34			Screw	B3x6 Black	1			JV33-260		
35			Screw	P3x6SMW Black	2			JV33-260		
36		M511755	Cutter guard JV33		1			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 12. HEAD ASSY. -2/3

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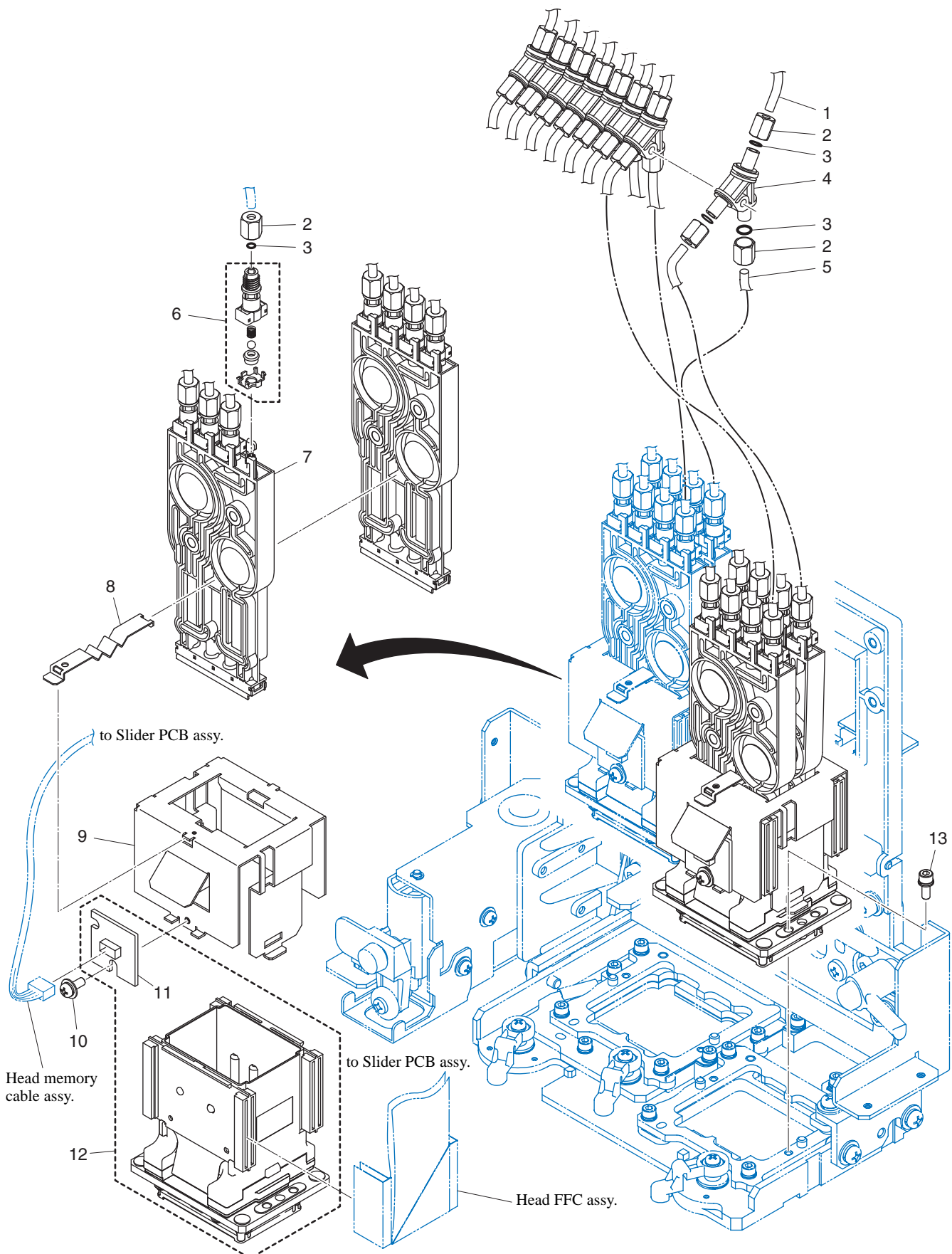




Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver	
12. HEAD ASSY. -2/3							1.0

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1	B	MP-OJ-6505-N2	Photo sensor		1			JV33-260		
2			Screw	B4x10 Black	1			JV33-260		
3			Screw	P4x12SMW	13					
4		M204440	Head sensor pin 22		1			JV33-260		
5		M800740	Torsion spring 22		1			JV33-260		
6		M513709	Head adjusting sensor dog 34		1					
7		M513710	Head adjusting sensor base 34		1					
8		M400339	P slider		1			JV33-260		
9			Screw	CS3x8SMW	13					
10	B	MP-E103961	Encoder PCB assy.		1			JV5, JV33-260		
11			Screw	P2x8SMW(slotted head) Trivalent cromat	2					
12		PM31707	Encoder sensor bracket		1					
13			Screw	P3x8SMW	4					
14		M513815	P cover stay		1					
15		M513822	Head adjusting lever		1					
16		M513823	Head adjusting lever base		1					
17			Screw	P4x15SMW	1					
18			E-ring	E-2 SUS	1					
19		M207017	Head up and down lever pin		1					
20		M400459	P up/down slider 34		1					
21			Screw	CS4x12SMW	10					
22		CLDMC4-8-B	Miniature Clamp Lever		1					
23		M400284	Belt screw		2					
24		M400342	Base holder 1		1			JV33-260		
25		M400345	Cutter mounting base		1			JV33-260		
26		M207019	Head pin		5					
27		M207009	AD plate 34		2					
28		M207010	AD slider		1					
29		M513731	Head plate spring		3					
30		M207008	P head base 34		1					
31		M207011	Base holder 34		1					
32			Screw	P3x12SMW	1					
33		M207020	Cum color		1					
34		M602126	Inclination adjustment lever		3			JV33-260		
35			Round head washer	W-6	3					
36		M207034	Head slant cum		3					
37			Wave washer	WW-6	3					
38		M801340	Pusher spring 34		1					
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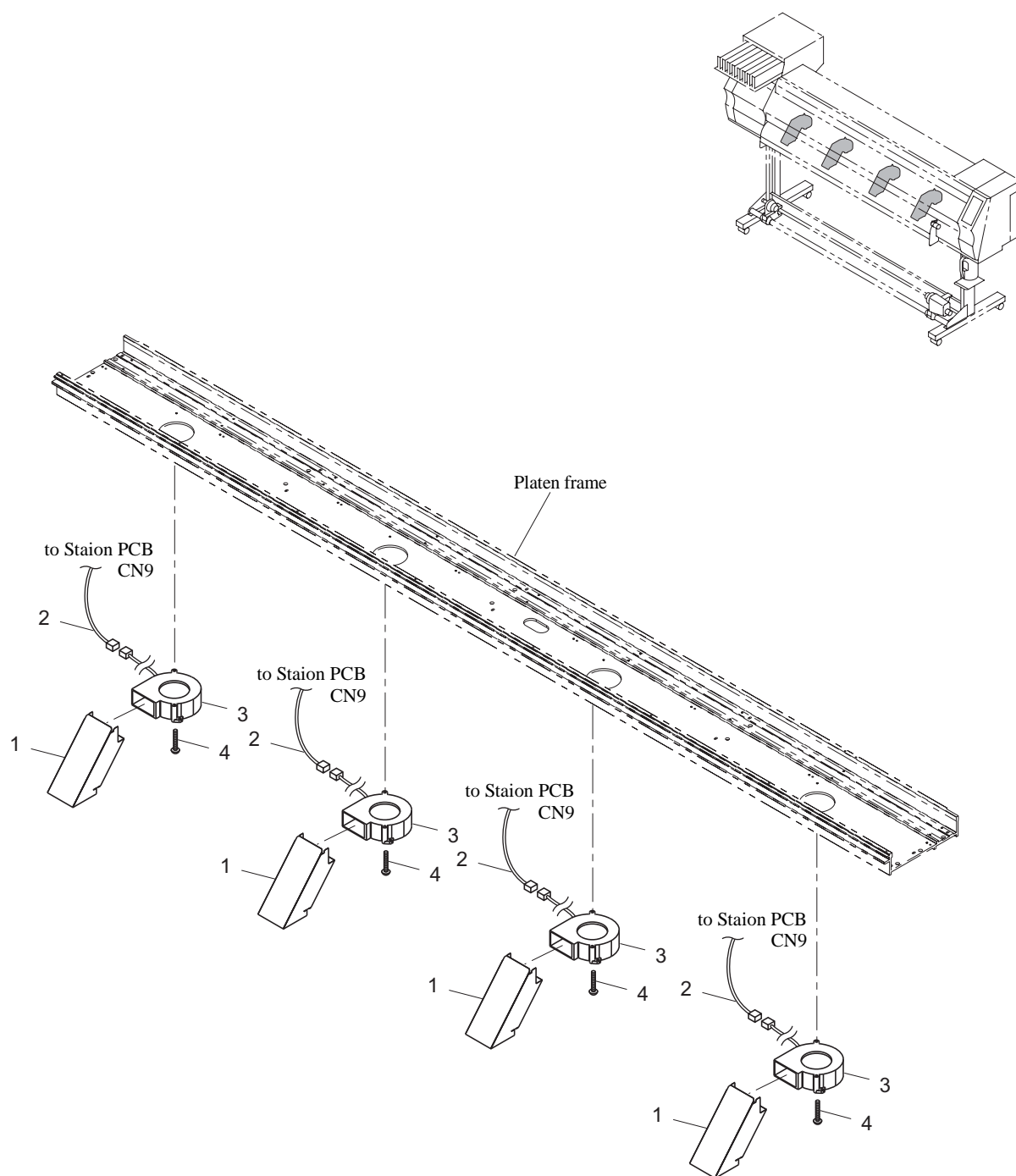
\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**12. HEAD ASSY. -3/3****1.0**

Mechanical Drawing							Rev.		
Model	TS34-1800A	Issued		Revised		F/W ver			Remark
12. HEAD ASSY.-3/3									1.0

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1	B	SPA-0144	Tube (10M scroll)	ø2	16			JV33-260		
2		I033482	Joint screw	M6	40			JV33-260		
3	B	MP-M006682	RS O-ring (100 piece contain)	ø2.16x1.4 (for ø2 tube)	40			JV33-260	100	
4	B	MP-M601888	Y joint 1-2D		8			JV5		
5	B	MP-1080249	Tube ,Supply ,ø2		16					
6	B	MP-M010793	34 dumper joint assy.		8					
7	A	MP-M007846	34 pressurization dumper assy.		4					
8		M513729	Dumper holder spring		2					
9		M513725	Head cover		2					
10			Screw	P3x6SMW	2					
11	B	MP-E106508	Mini memory PCB assy.		2					
12	B	MP-M010792	34 print head ID set		2					
13			Screw	CS3x8SMW	4					
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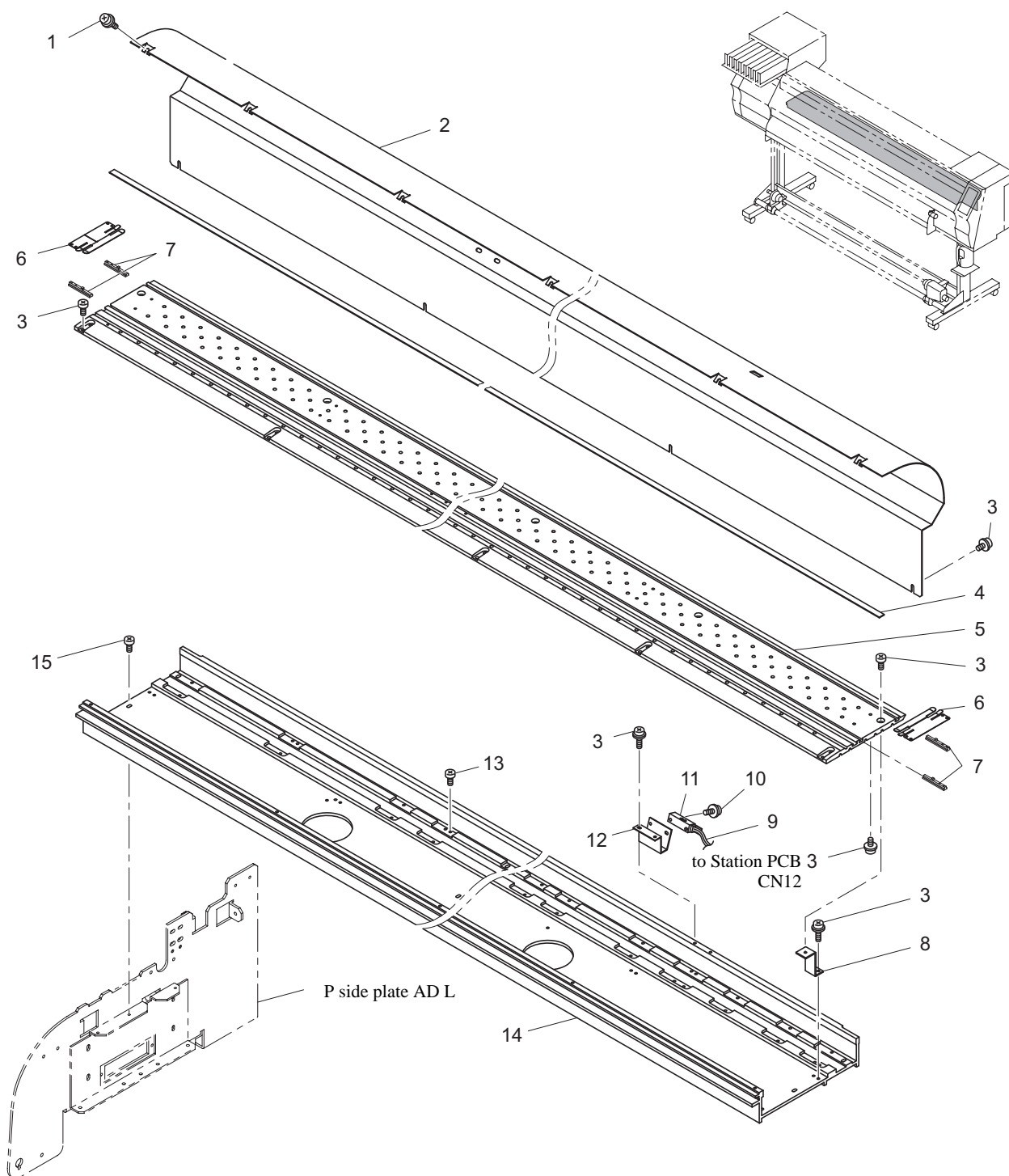
\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**13. PLATEN ASSY. -1/3****1.0**

Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>13. PLATEN ASSY. -1/3</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M905555	Fan duct V1		4					
2		E106632	Absorption fan junction cable 180 assy.		1					
3	B	MP-E300482	Adsorption fan assy.		4					
4			Screw	P3x40SMW	6					
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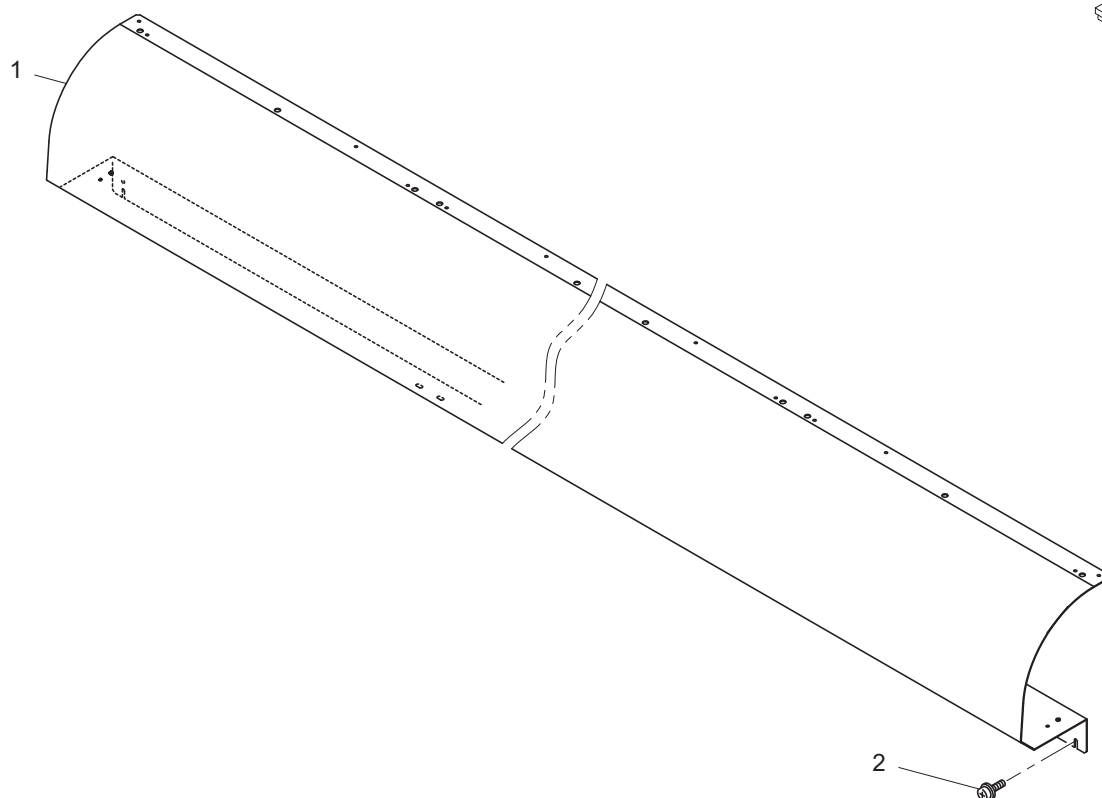
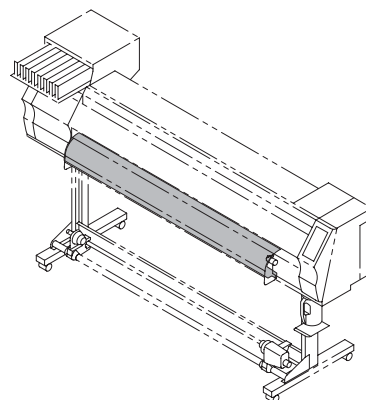
\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**13. PLATEN ASSY. -2/3**

### 13. PLATEN ASSY. -2/3

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

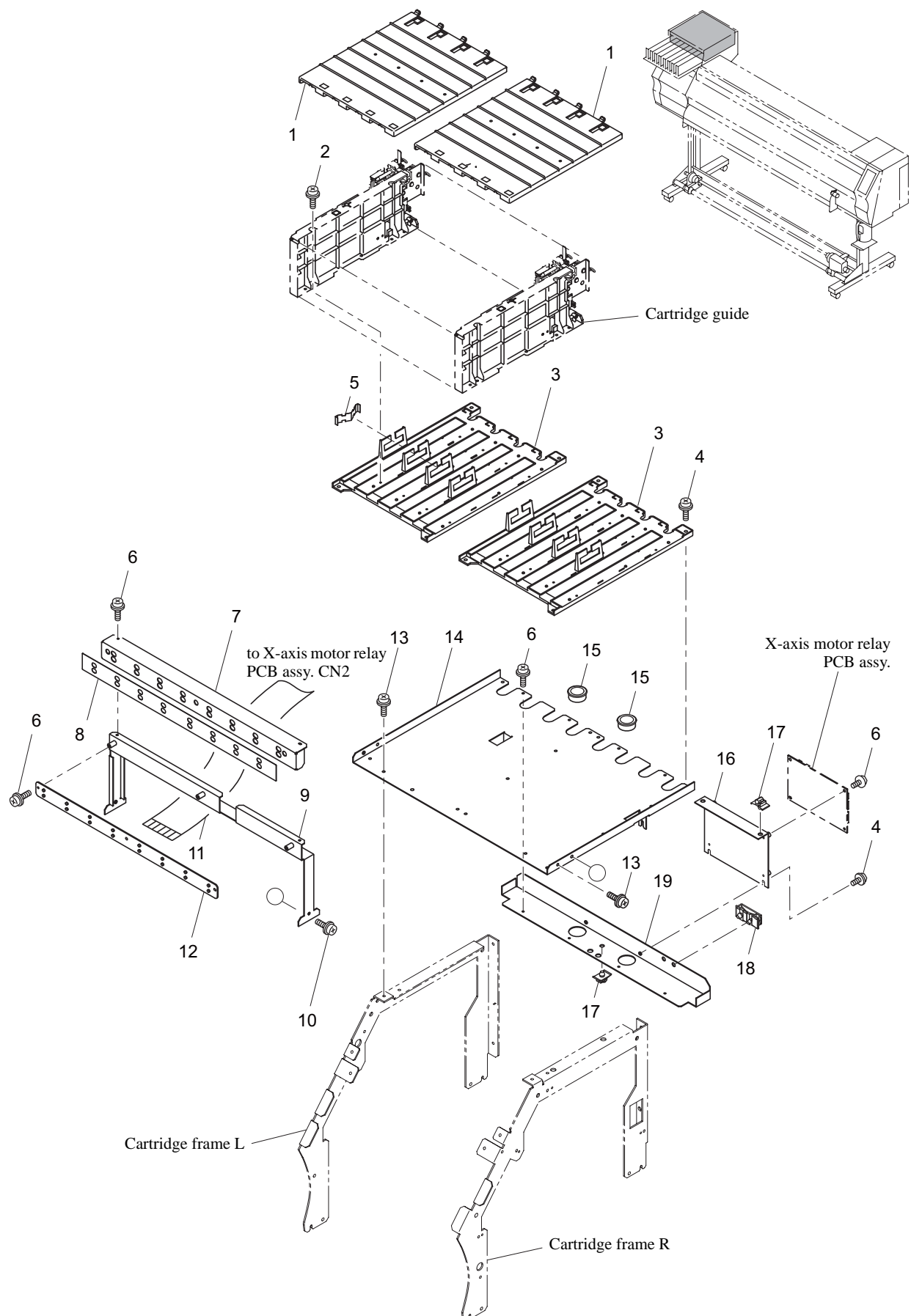
**13. PLATEN ASSY. -3/3**



Mechanical Drawing								Rev.	
Model	TS34-1800A	Issued		Revised	2011.11.26	F/W ver			Remark
13. PLATEN ASSY. -3/3									1.1

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M514628	Platen cover F 180		1					
2			Screw	P3x8SMW	6					C
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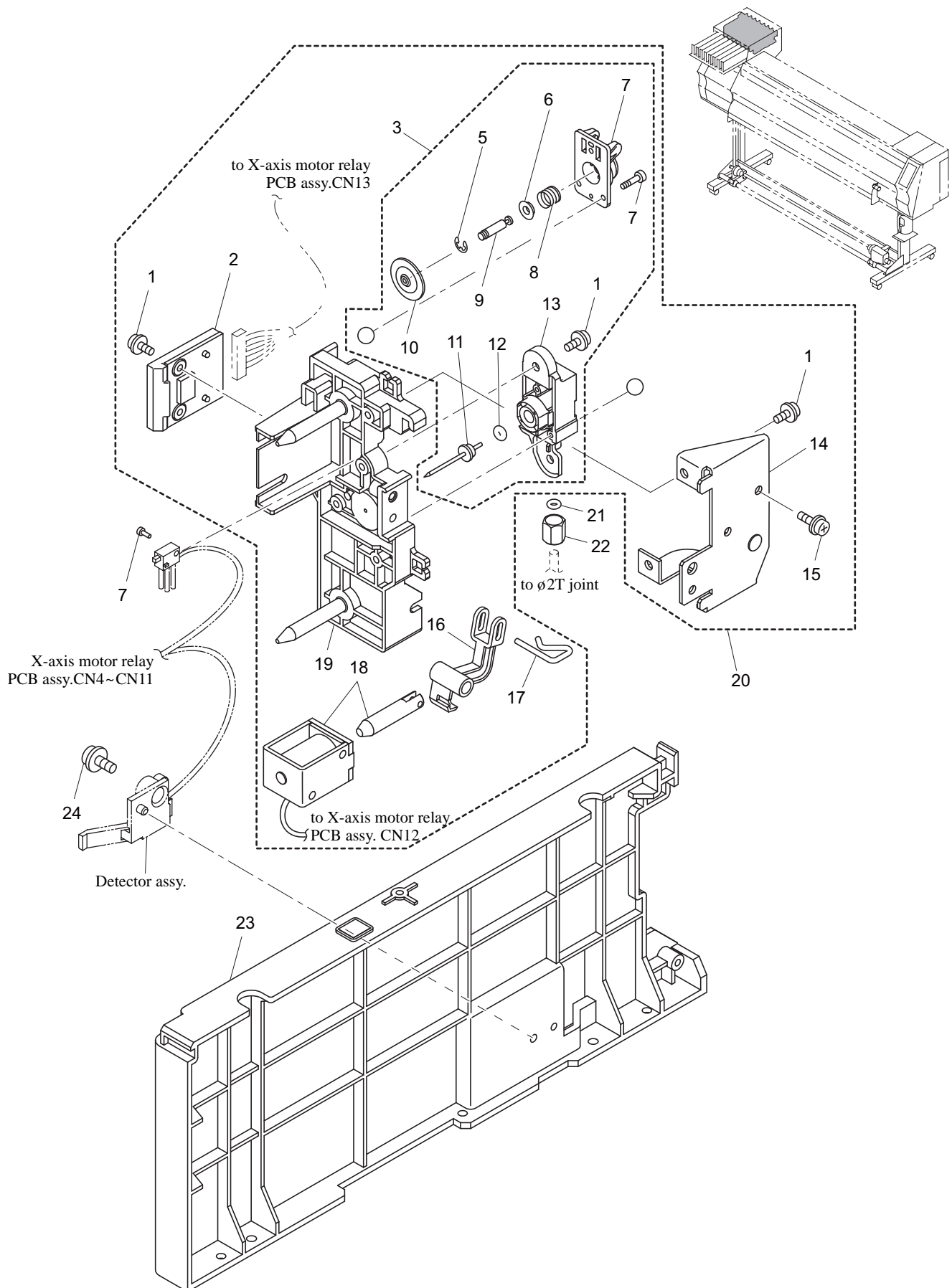
\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**14. CARTRIDGE BRACKET ASSY.****1.0**

Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>14. CARTRIDGE BRACKET ASSY.</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M602130	Cartridge base U		2			JV33-260		
2			Screw	TP3x8F	57			JV33-260		
3		M602131	Cartridge base D		2			JV33-260		
4			Screw	P4x12SMW	10			JV33-260		
5		M502166	Plate spring (C)		8			JV3, JV33-260		
6			Screw	P3x8SMW	20			JV33-260		
7		M508881	LED bracket		1			JV33-260		
8		M905211	Ink throttle plate 33		1			JV33-260		
9		M509071	Cartridge holder B		1			JV33-260		
10			Screw	P4x6SMW	1			JV33-260		
11	B	MP-FWR-TN2-P=1.0-L1-20-500	LED PCB FFC	or E300642	1			JV33-260		
12	B	MP-E104988	LED PCB assy.		1			JV33-260		
13			Screw	P4x10SMW	2			JV33-260		
14		M509072	Cartridge base bracket		1			JV33-260		
15			One touch bushing TB	TB-1926	2			JV33-260		
16		M508805	X motor PCB bracket		1			JV33-260		
17			CKS clamp	CKS-07-L	2			JV33-260		
18			Flat cable clamp	FCS-25P	1			JV33-260		
19		M509068	Cartridge base bracket R		1			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**15. CARTRIDGE ASSY.****1.0**

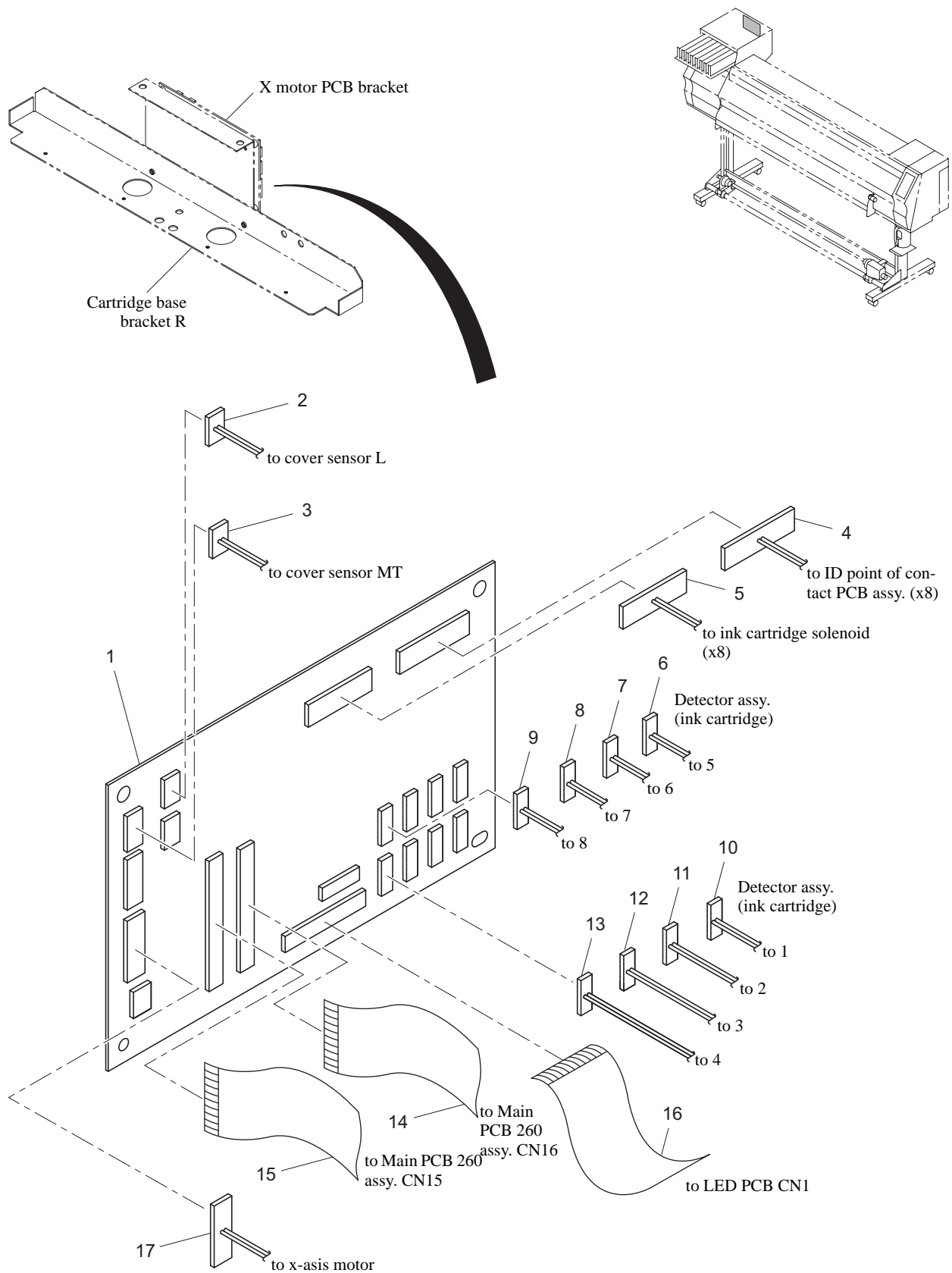
Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised		F/W ver	Remark
<b>15. CARTRIDGE ASSY.</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1			Screw	TP3x8F	40			JV33-260		
2	B	MP-E105363	ID contact PCB CN032 assy.		8			JV33-260		
3	B	MP-M007124	Valve N-3 M6 assy.		8			JV33-260		
4			E-ring	E-2.5	8			JV33-260		
5		M204082	Valve spring washer		8			JV33-260		
6		M601215	Valve cap		8			JV33-260		
7			Screw	TP2x8B tapping	32			JV33-260		
8		M800684	Cartridge valve spring 120		8			JV33-260		
9		M204083	Rubber valve pin		8			JV33-260		
10		M700350	Rubber valve		8			JV33-260		
11	B	MP-1033462	Ink needle		8			JV33-260		
12	B	MP-M006676	RS O-ring (100 piece contain)	ø1.1x2.2	8			JV33-260	100	
13		M601816	Valve base N-3	M6	8			JV5, JV33-260		
14		M510211	Cartridge solenoid bracket		8			JV33-260		
15			Screw	P3x8SMW	16			JV33-260		
16		M601336	Link		8			JV33-260		
17		M801089	Snap pin A		8			JV33-260		
18	B	MP-E104911	Ink cartridge solenoid assy.	or E105412	8			JV33-260		
19		M602128	Cartridge frame		8			JV33-260		
20	B	MP-M008660	Cartridge frame assy.2		8			JV33-260		
21	B	MP-M006682	RS O-ring (100 piece contain)	ø2.16x1.4	8			JV33-260	100	
22		1033482	Joint screw	M6	8			JV33-260		
23		M602129	Cartridge guide		8			JV33-260		
24			Screw	TP3x8F	4			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

# 16. X-AXIS MOTOR RELAY PCB

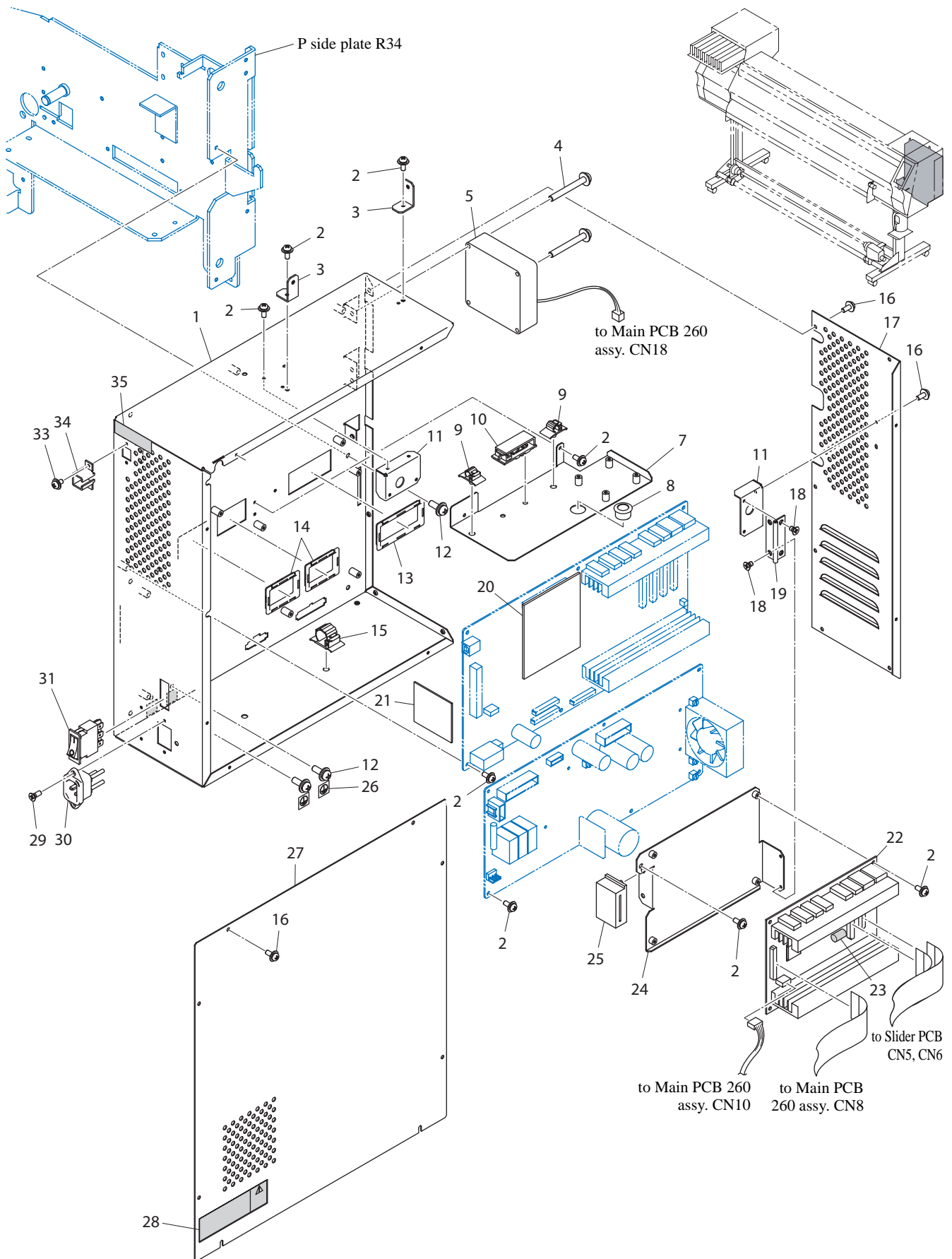
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Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>16. X-AXIS MOTOR RELAY PCB</b>							<b>1.0</b>

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1	B	MP-E104856	X-axis motor relay PCB assy.		1			JV33-260		
2		E104908	Cover sensor cable L assy.		1			JV33-260		
3		E104998	Cover sensor cable MT assy.		1			JV33-260		
4		E104910	Ink ID cable assy.		1			JV33-260		
5		E104912	Cartridge solenoid junction cable assy.		1			JV33-260		
6	B	MP-1033477	Detector assy.	For ink cartridge 5	1			JV33-260		
7	B	MP-1033477	Detector assy.	For ink cartridge 6	1			JV33-260		
8	B	MP-1033477	Detector assy.	For ink cartridge 7	1			JV33-260		
9	B	MP-1033477	Detector assy.	For ink cartridge 8	1			JV33-260		
10	B	MP-1033477	Detector assy.	For ink cartridge 1	1			JV33-260		
11	B	MP-1033477	Detector assy.	For ink cartridge 2	1			JV33-260		
12	B	MP-1033477	Detector assy.	For ink cartridge 3	1			JV33-260		
13	B	MP-1033477	Detector assy.	For ink cartridge 4	1			JV33-260		
14	B	MP-E300843	X motor junction FFC 180-1		1					
15	B	MP-E300844	X motor junction FFC 180-2		1					
16	B	MP-FWR-TN2-P=1.0-L1-20-500	LED PCB FFC	or E300642	1			JV33-260		
17		E105415	X-axis motor junction encoder cable assy.		1					
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**17. ELECTRICAL DEVICE ASSY. -1/3****1.1**



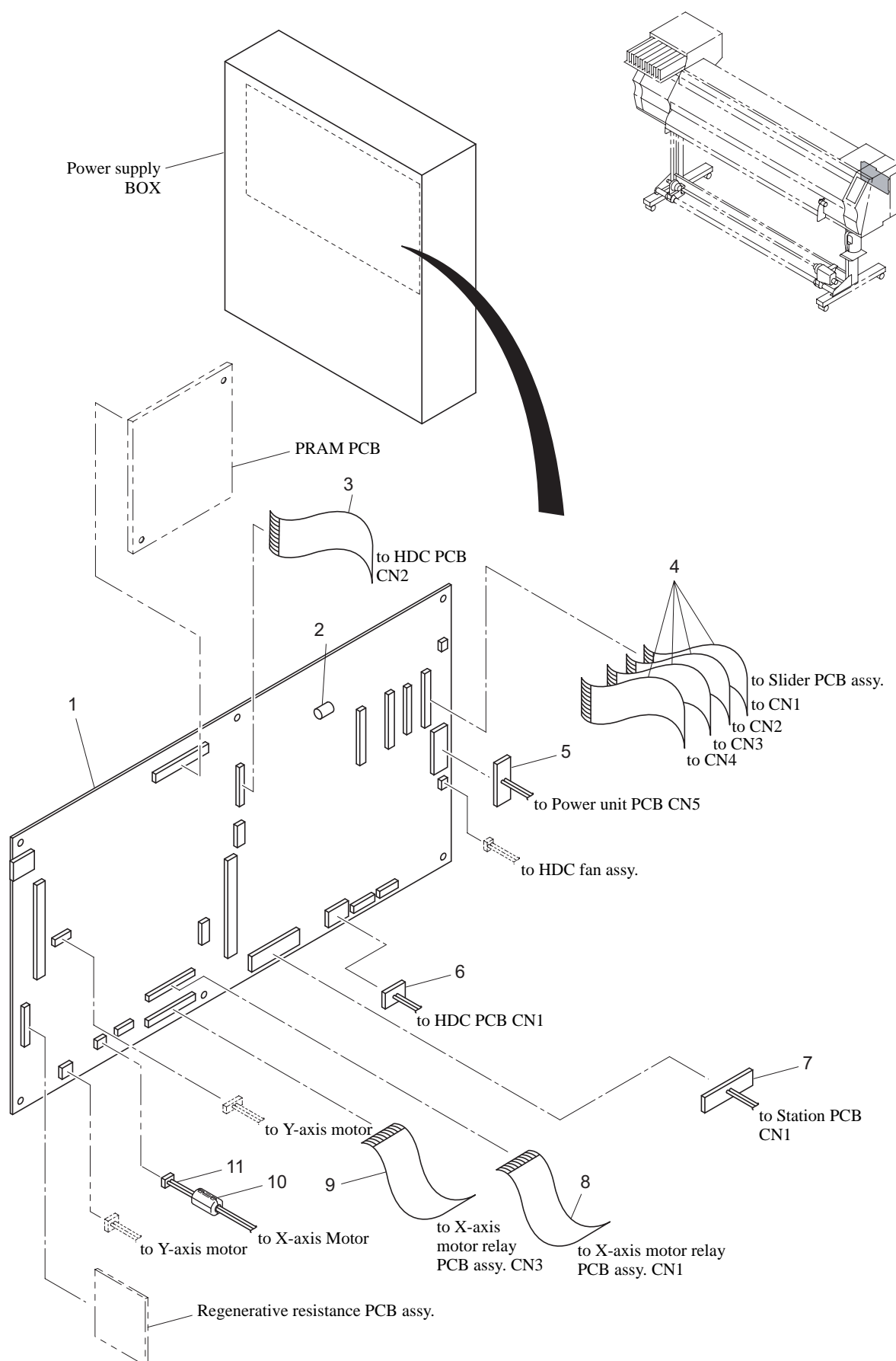
Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	2011.11.26	F/W ver	
17. ELECTRICAL DEVICE ASSY. -13							1.1

No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
1		M513689	Electrical box		1					
2			Screw	P3x8SMW	25			JV33-260		
3		M508778	Cover holder BKT1		2			CJV, IUV-160, JV33-260		
4			Screw	P4x35SMW	2			JV33-260		
5		E104939	HDC fan assy.		1			JV33-260		
7		M510888	Double-sided sensor PCB bracket		1			JV33-260		
8			One touch bushing TB	TB-1116	1			JV33-260		
9			CKS clamp	CKS-07-L	2			JV33-260		
10			Block core	BCN-26	1					
11		M513687	HDC base		2					
12			Screw	P4x12SMW	7					
13			Square bushing	SB-6025	1			JV33-260		
14			Square bushing	SB-4025	2			JV33-260		
15			CKS clamp	CKS-13-L	1			JV33-260		
16			Screw	P3x8SMW Black	18			JV33-260		
17		M513690	Electrical box vent cover		1					
18			Screw	F3x5	4					
19			Flat hinge	B-100-4	1					
20	B	MP-E105816	PRAM (512MB) PCB assy.		1			JV33-260		
21	B	MP-E104876	Regenerative Resistance PCB assy.		1			JV33-260		
22	B	MP-E106495	HDC PCB assy.		1					
23	B	MP-0453.375MR	Fuse		10			CJV, JV33-260		
24		M513686	HDC bracket		1					
25			Block core	EFC-25-S	1					
26		M903406	Protective earth face plate		2			JV33-260		
27		M508855	Electrical box cover		1			JV33-260		
28		M906031	2 Inlet plate		1			JV33-260		
29			Screw	F3x8 Black	4			JV33-260		
30		E104895	Inlet assy.	CM-11	2			JV33-260		
31		AJ921002WW3F	AC switch		2			JV33-260		
32		Not used								D
33			Screw	B3x6 Black	2			JV33-260		
34		M505353	Connector cover		1			JV33-260		
35		M904833	USB interface plate		1					
36										
37										
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46										

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

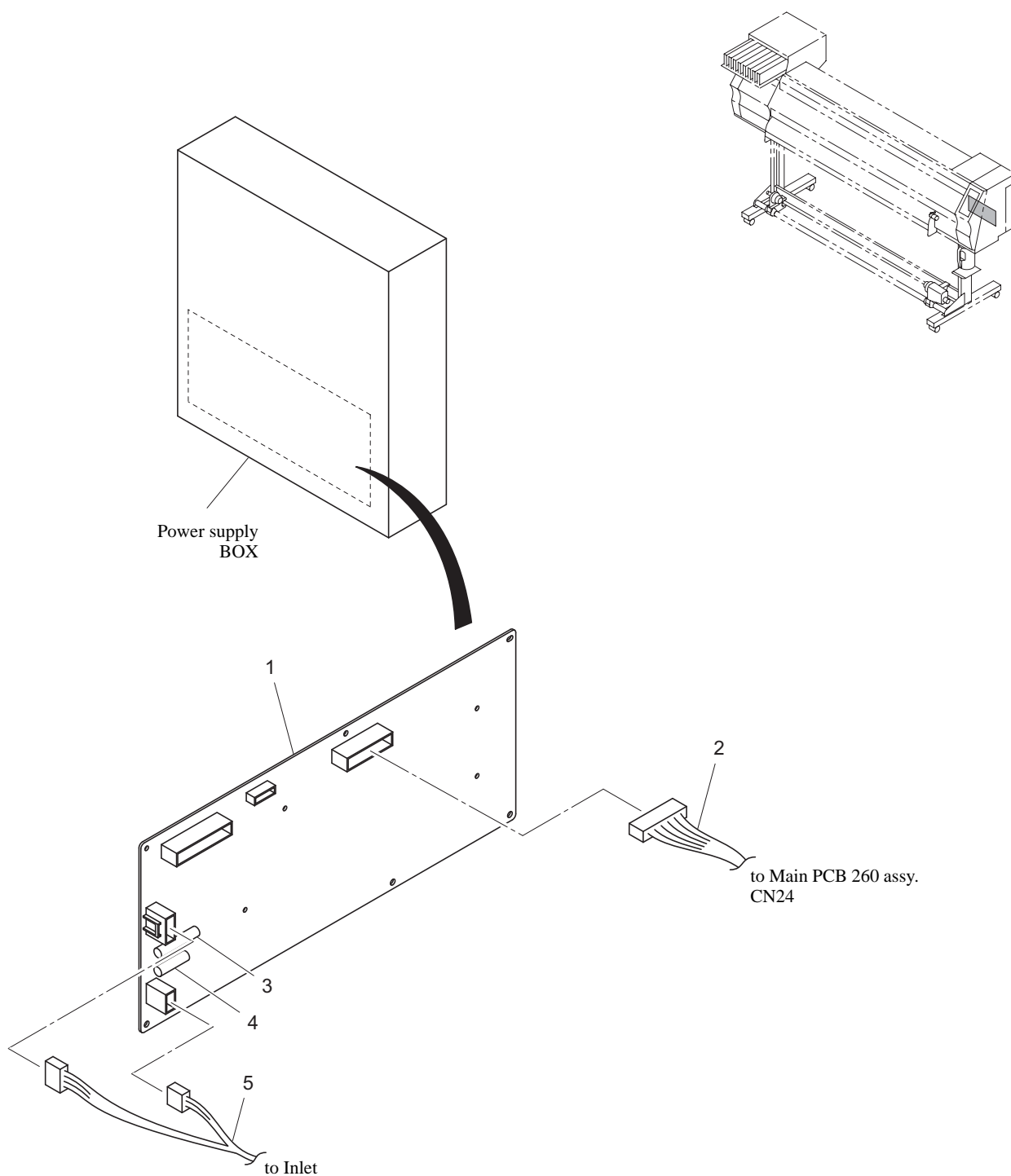
# 17. ELECTRICAL DEVICE ASSY. -2/3

1.0



[illegible]

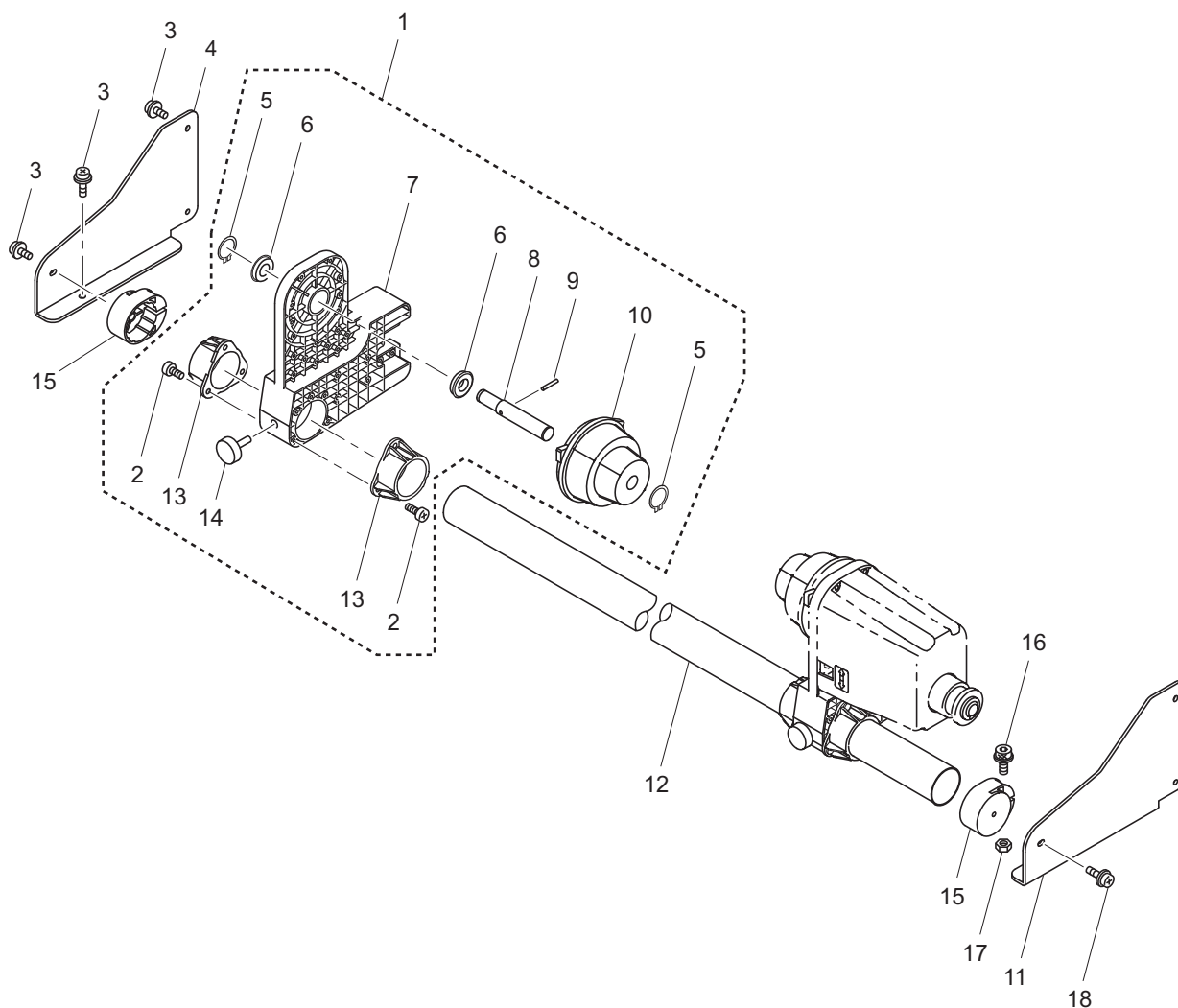
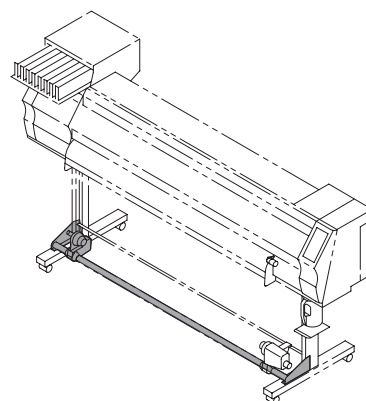
\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)



Mechanical Drawing							Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark	
<b>17. ELECTRICAL DEVICE ASSY. -3/3</b>							<b>1.0</b>

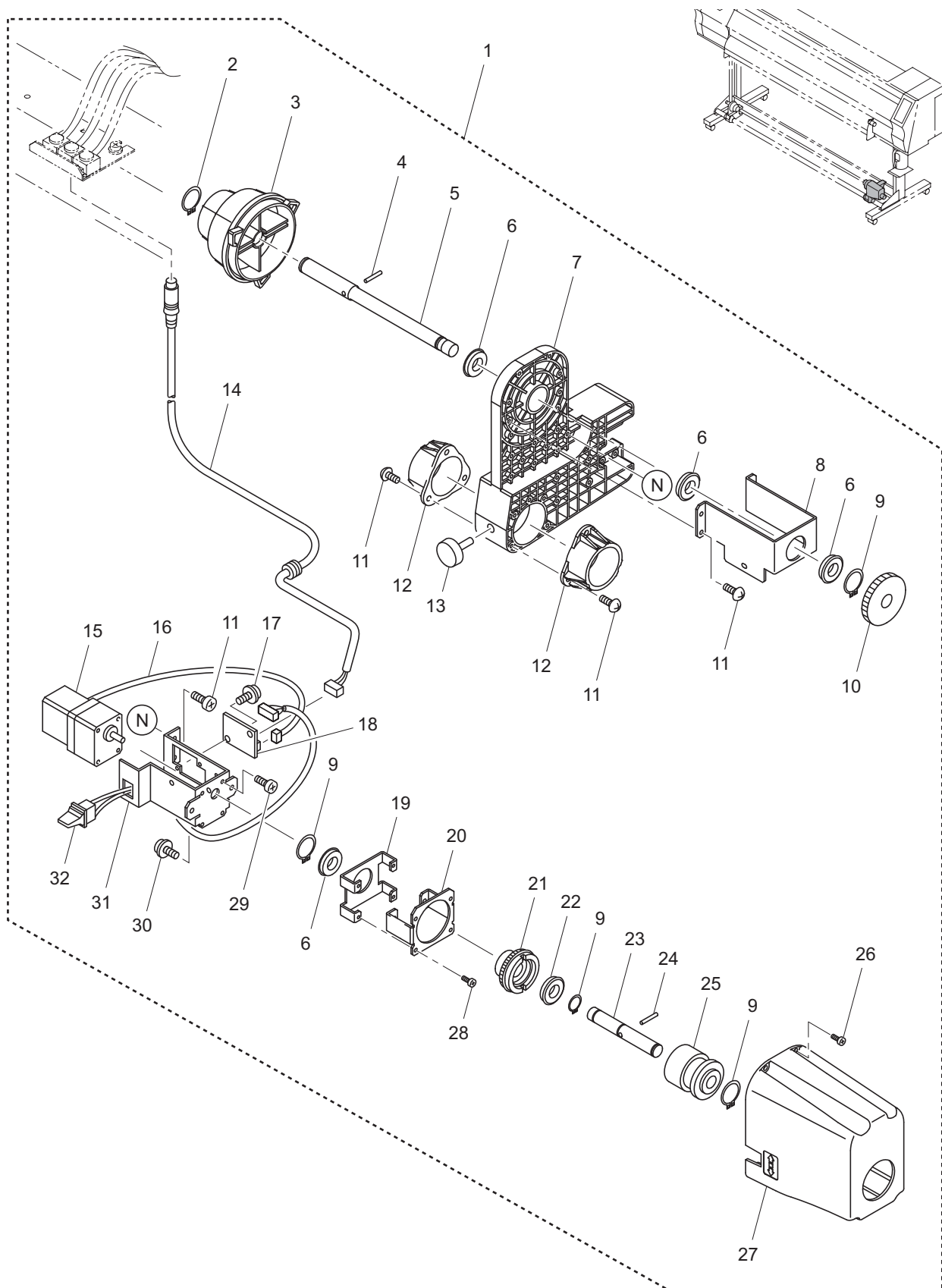
No.	Rank	Part codes	Name of part	Remarks	Quantity used			Common Model	P*1	M*2
					260					
1	B	MP-E300474	Power unit PCB		1			JV33-260		
2		E104903	Main DC cable assy.		1			JV33-260		
3	B	MP-021506.3MXP(V DE)	Fuse		1			JV33-260		
4	B	MP-TLC15AN4	Fuse		1			JV33-260		
5		E104896	AC switch cable assy.		1			JV33-260		
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\*1 P: Supply quantity \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)

**18. TAKE-UP DEVICE ASSY. -1/2****1.0**

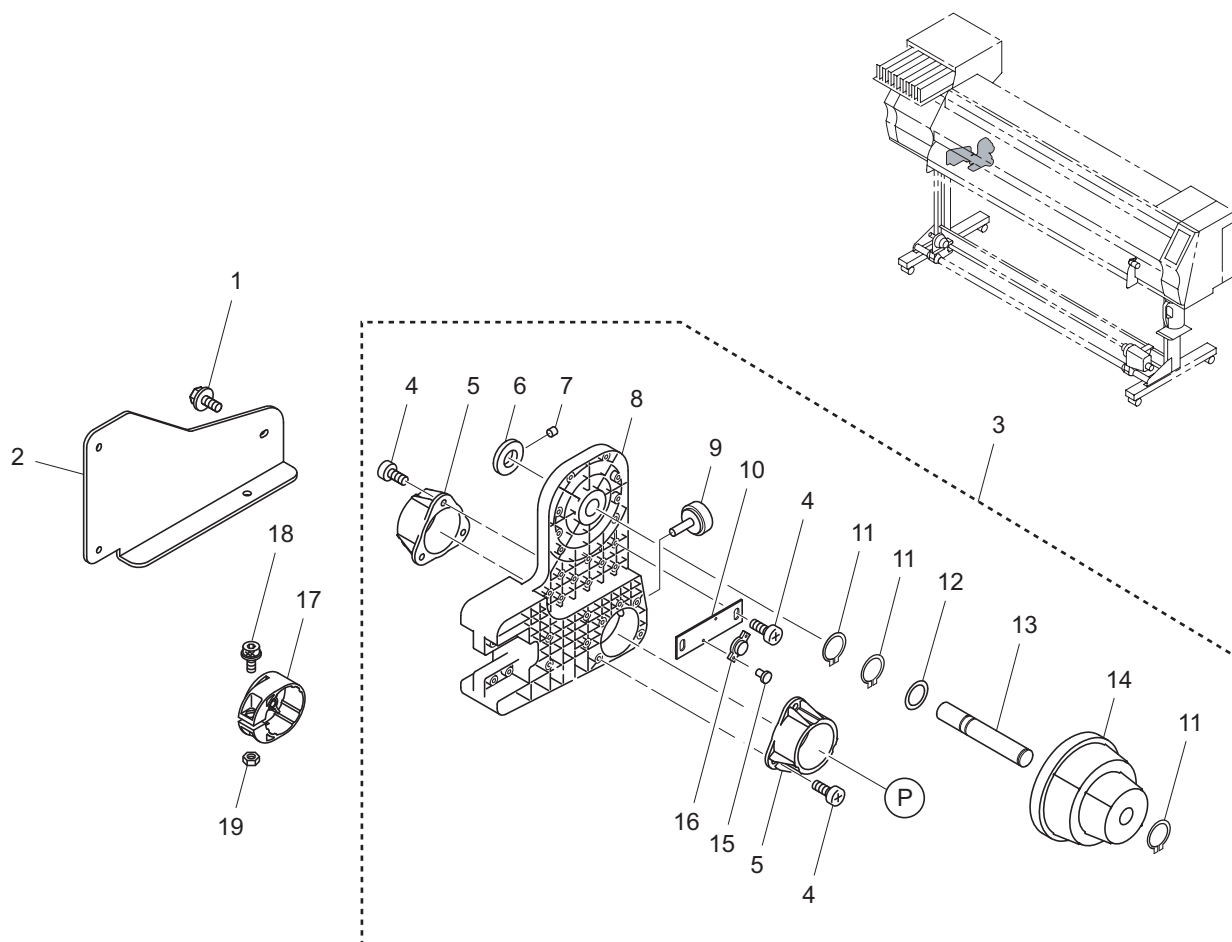
[illegible]

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

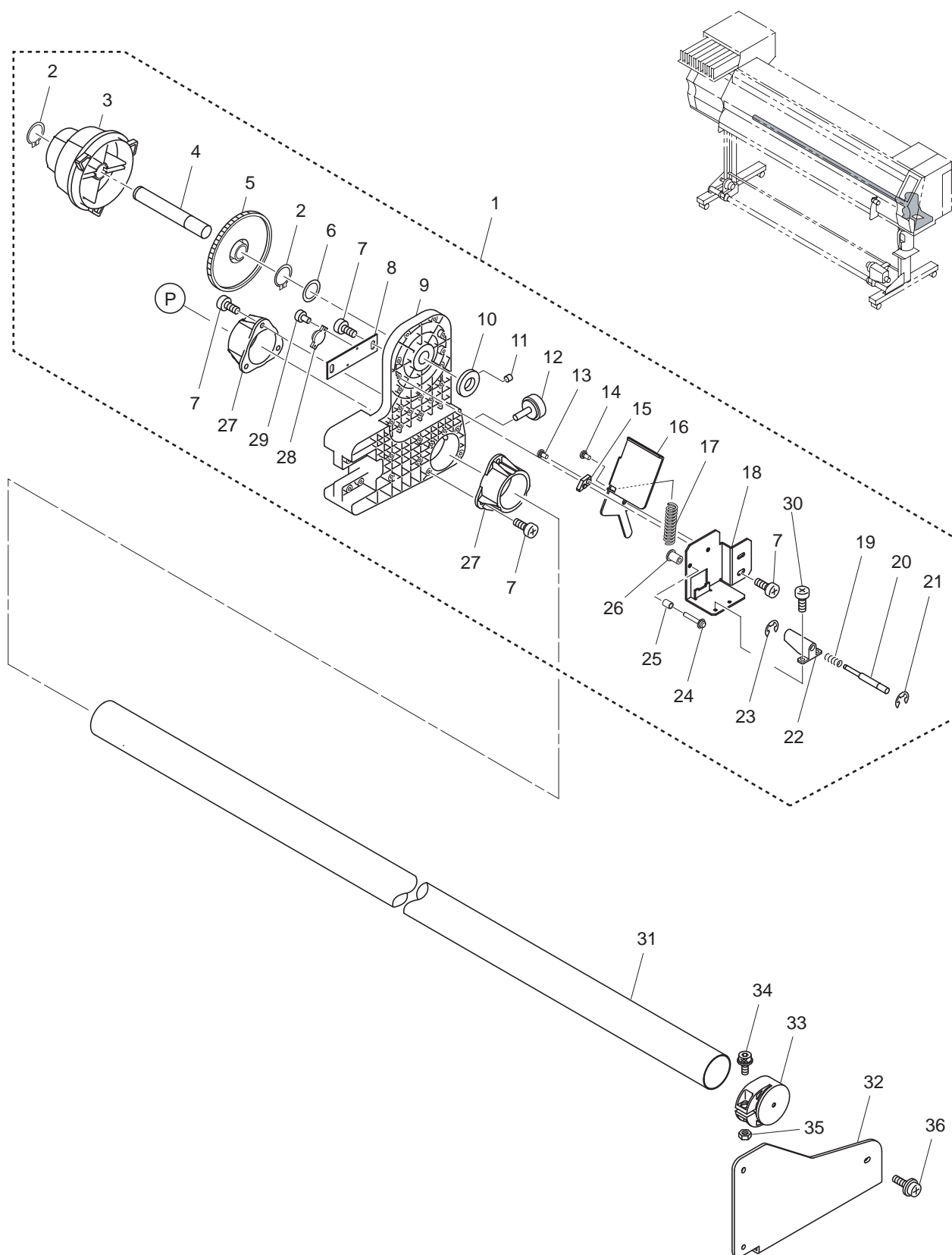
**18. TAKE-UP DEVICE ASSY. -2/2****1.0**



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

**19. ROLL ASSY. -1/2****1.0**



**19. ROLL ASSY. -2/2****1.0**

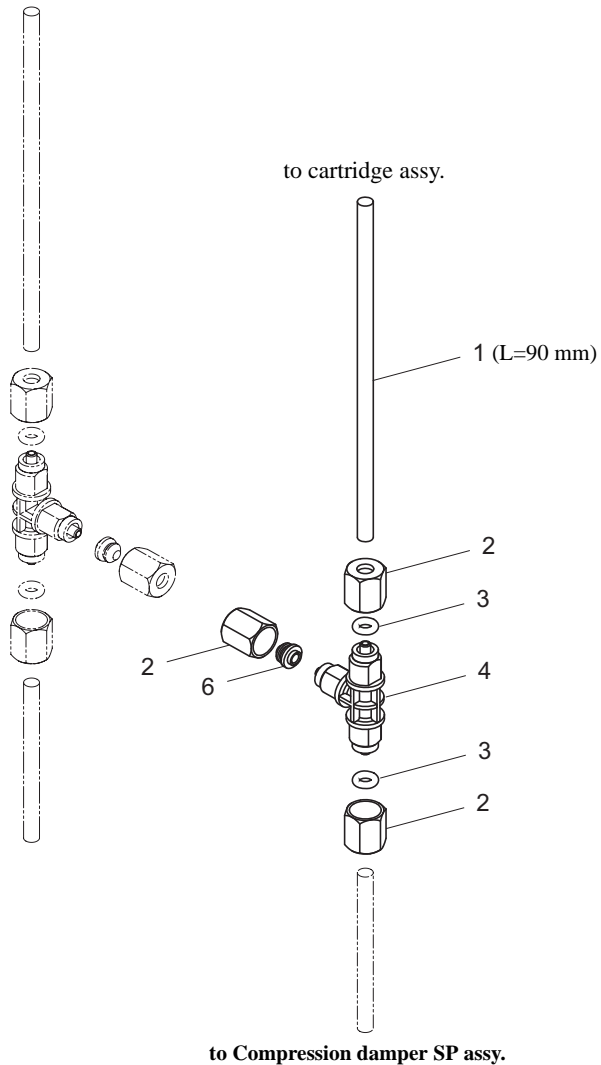
[illegible]

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

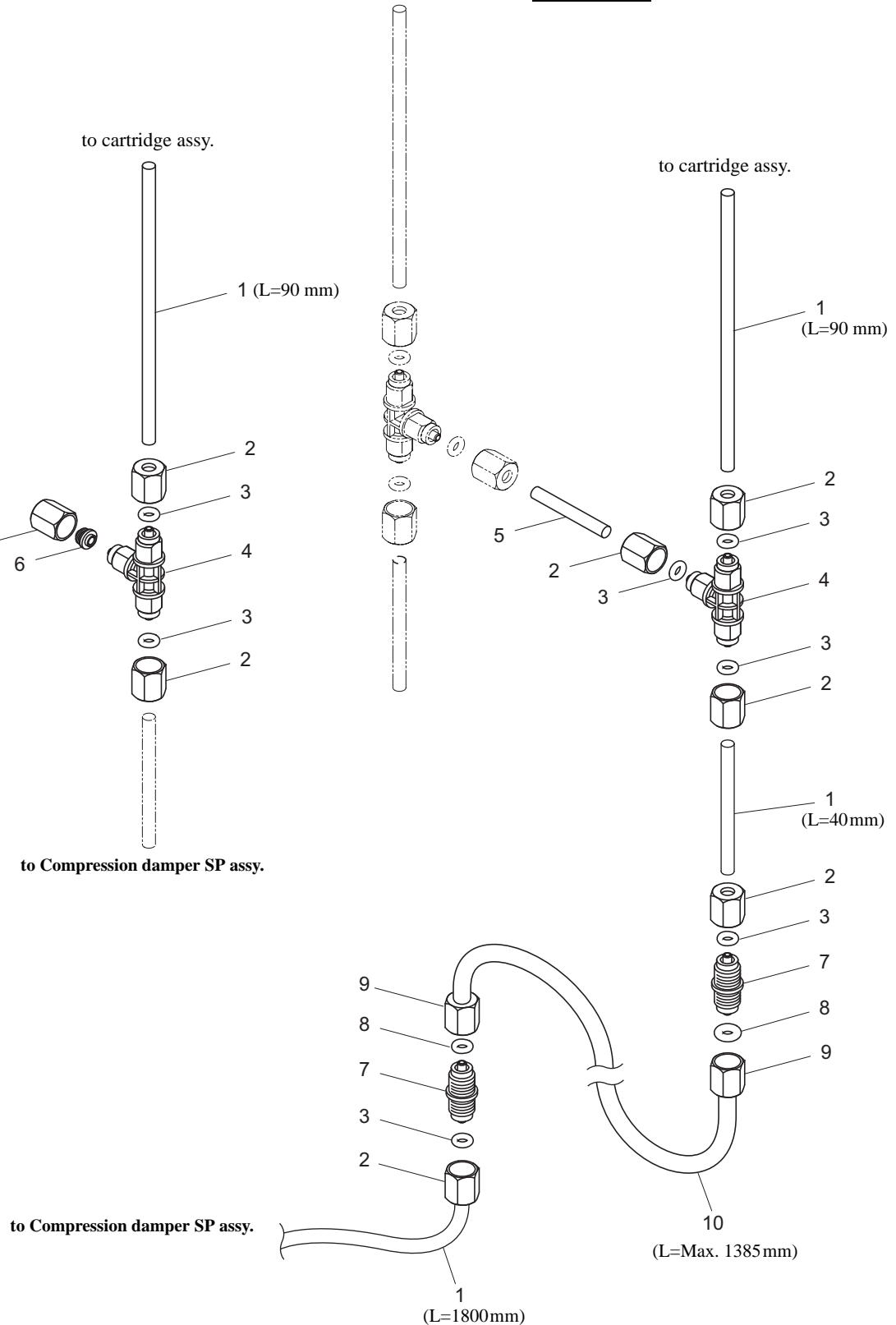
# 20. INK PATH PIPEWORK

1.0

6 color model



4 color model



[illegible]

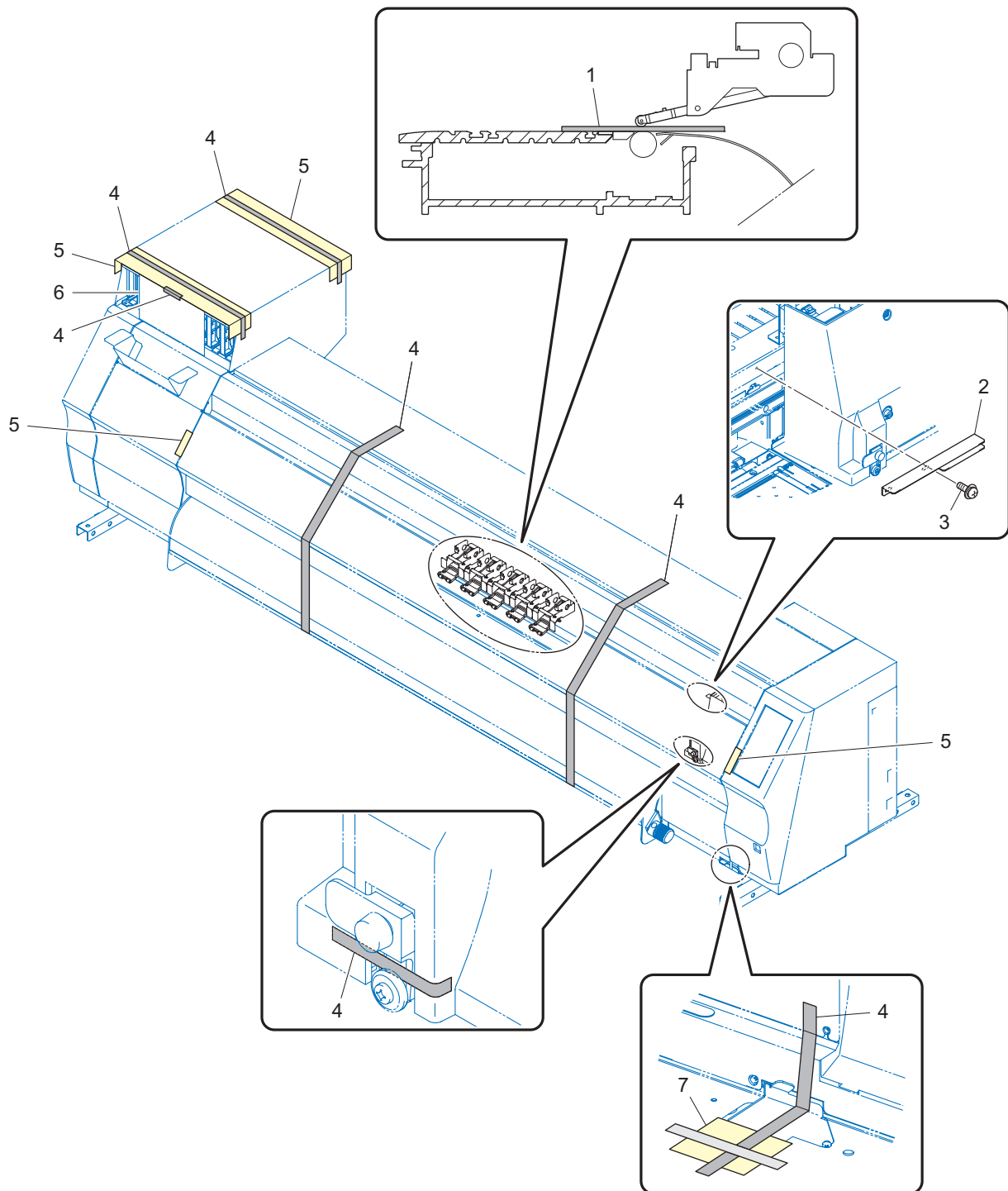
\*1 P: Supply quantity    \*2 M: Changed (A: Added part, D: Deleted part, C: Changed part)





[illegible]

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

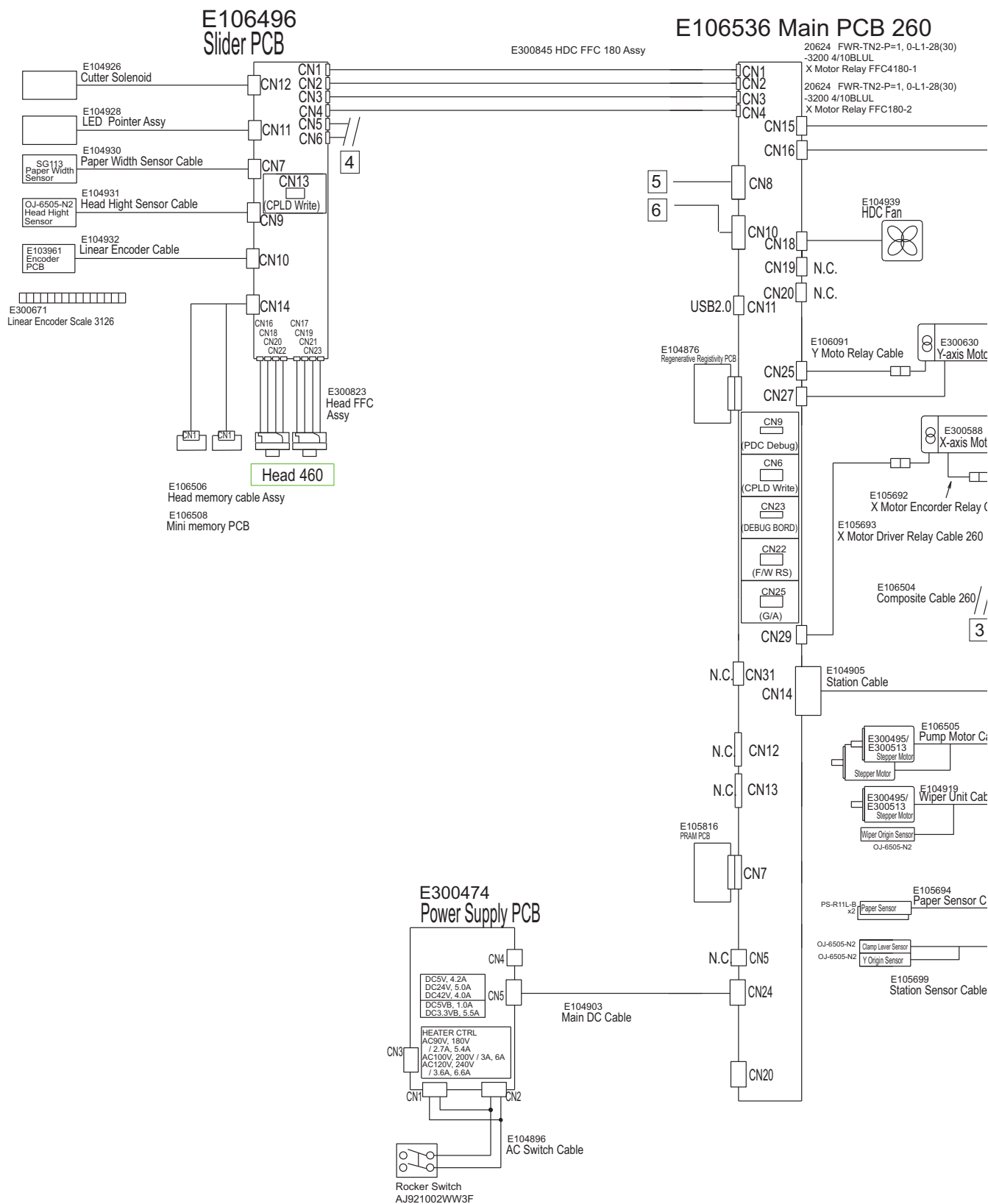
**21. PACKING ASSY. -2/2****1.0**

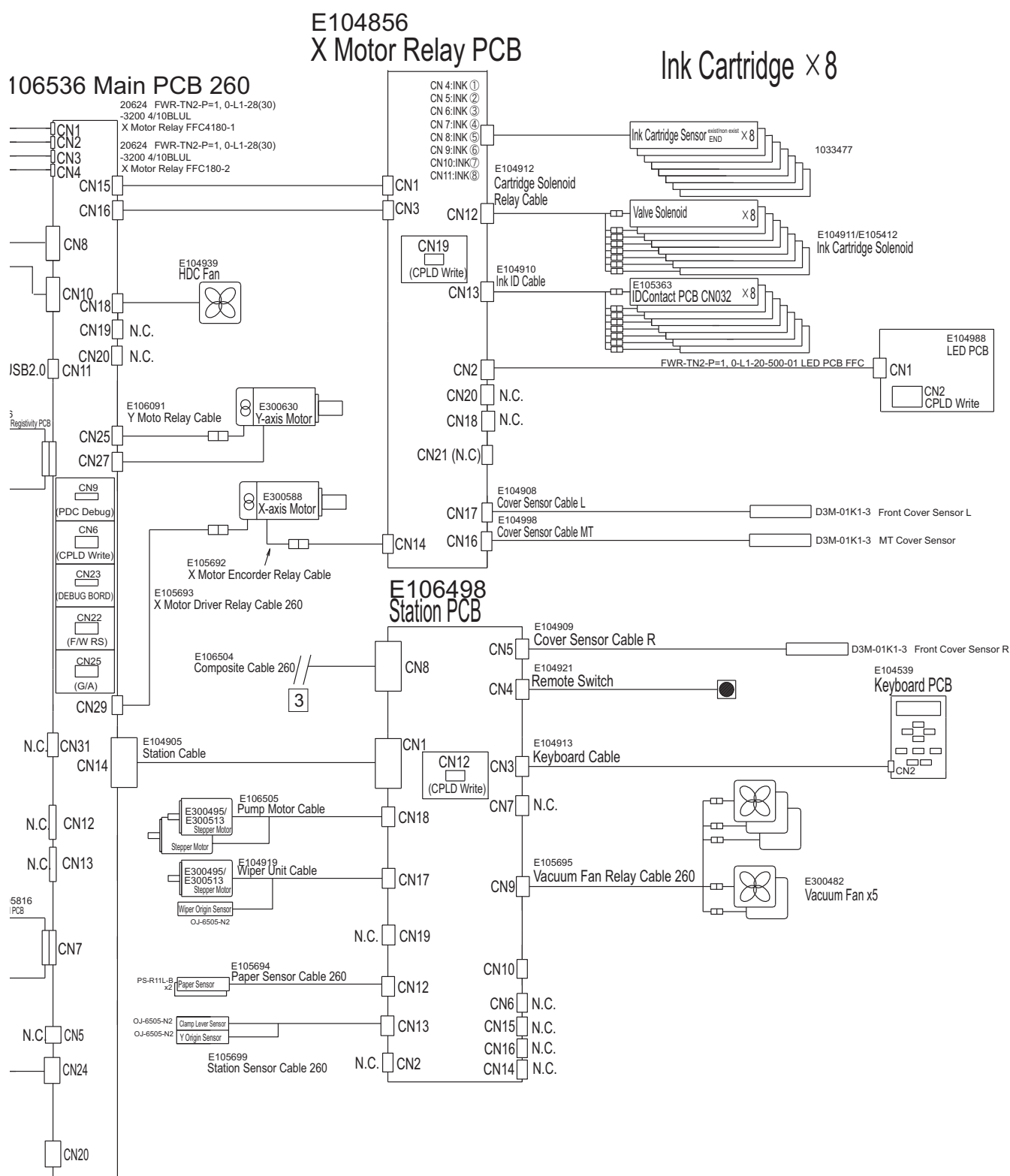
[illegible]

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

# 22. BLOCK DIAGRAM (MAIN UNIT INSIDE)

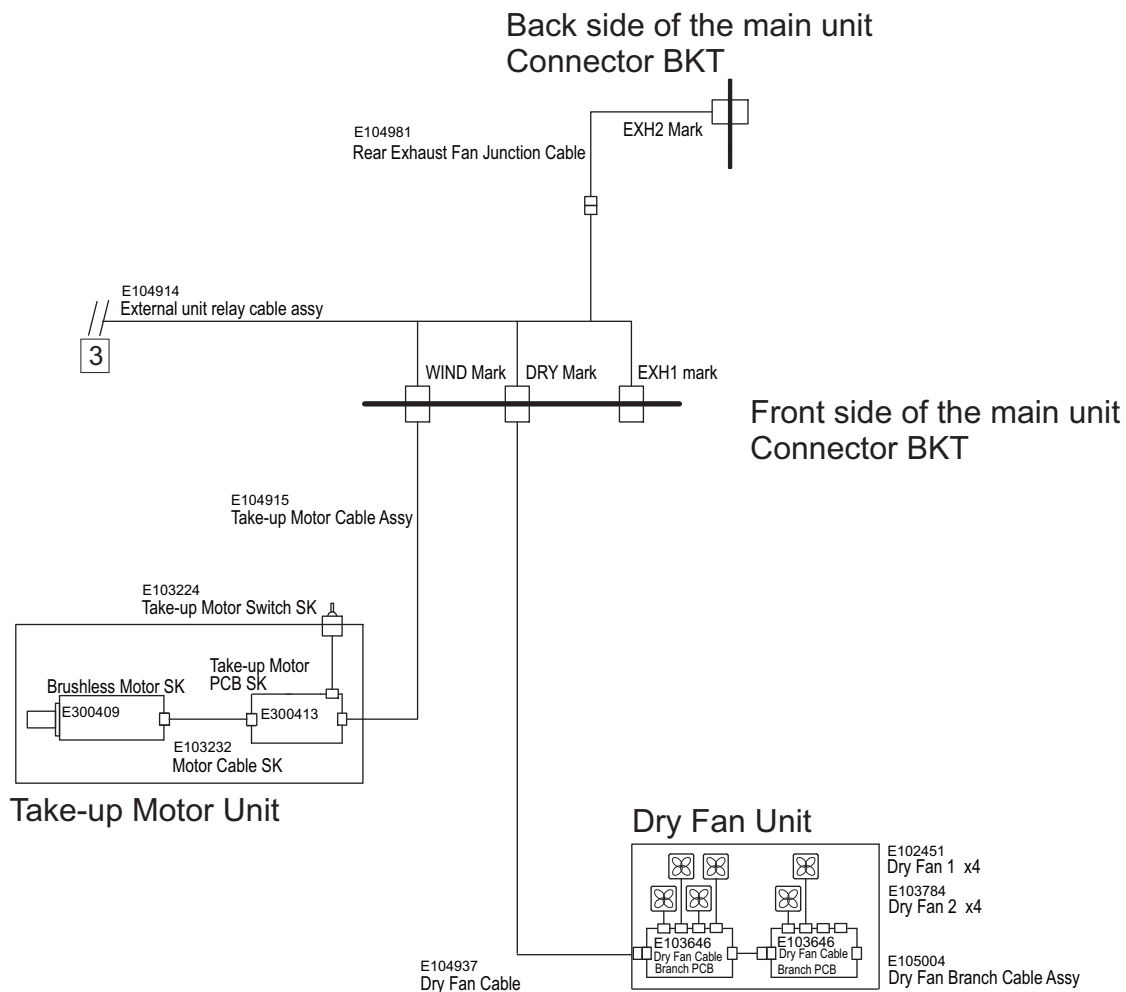
1.0





## 22. BLOCK DIAGRAM (MAIN UNIT OUTSIDE)

1.0



Mechanical Drawing						Rev.
Model	TS34-1800A	Issued	2011.10.21	Revised	F/W ver	Remark
<b>22. BLOCK DIAGRAM (MAIN UNIT OUTSIDE)</b>						<b>1.0</b>

