

Model PL-P1 (G108)

PARTS CATALOG

Second edition, August 2006

Ricoh Company, LTD.

Model PL-P1 (G108)

PARTS CATALOG

This catalog gives the numbers and names of parts on this machine.

Model PL-P1	(G108)
Paper Feed Unit Type 1000	(G389)
AD460	(G390)

Release Information for RoHS-compliant

Model PL-P1

Machine Code	V/Hz	Destination	RoHS Compliant	Machine Serial Number
G108-17	120V, 60Hz	USA, Canada	Yes	Q15603xxxxx
G108-22	220 - 240V, 50/60Hz	Europe, etc.	Yes	Q15603xxxxx
G108-27	220 - 240V, 50/60Hz	Europe, etc.	Yes	Q15603xxxxx
G132-21	220 - 240V, 50/60Hz	China	Yes	Q22603xxxxx
G132-22	220 - 240V, 50/60Hz	Europe, etc.	Yes	Q22603xxxxx
G132-27	220 - 240V, 50/60Hz	Europe, etc.	Yes	Q22603xxxxx

Paper Feed Unit Type 1000

Machine Code	V/Hz	Destination	RoHS Compliant	Machine Serial Number
G389-17	120V, 220 - 240V, 50/60Hz	USA, Canada Europe, China, etc	Yes	Q16603XXXXX

AD460

Machine Code	V/Hz	Destination	RoHS Compliant	Machine Serial Number
G390-17	120V, 220 - 240V, 50/60Hz	USA, Canada Europe, China, etc	Yes	Q17603XXXXX

- The changes in this parts catalog are written in the following format:

Example:

Index No.	Parts No	Description	Qty
3	AA012125	Filter:Exhaust:Scanner (RoHs)	1
3	B0511329	Dust Filter - Scanner	1

- With “(RoHs)” at the end of the part name: **RoHs** compliant parts
- Below the parts: **Non-RoHs** compliant parts
- All screws and e-rings that already have suffixes were changed as follows on all models listed on page 2:
 - Screws: All suffixes were changed to suffix **N, P, or Q** (B, Z, H → N W→ P Q → Q (was not changed)
 - E-rings: All suffixes were changed to suffix **E** (B, G → E).

IMPORTANT:

- To make sure the correct parts are used on the correct machines, please handle the parts as follows:

	RoHS Compliant Parts	Non-RoHS Compliant Parts
RoHS Compliant Machines	OK	DO NOT USE
Non-RoHS Compliant Machines	OK	OK

- **Continue using** non-RoHS compliant parts on non-ROHS compliant machines **until the stock of these parts runs out**.
Then, start using RoHS compliant parts on the non-RoHS compliant machines.
- **DO NOT use** non-RoHs compliant parts on RoHs compliant machines.
Note: This is to make sure that all machines are in full compliance with the RoHS Directive.

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PARTS CATALOG

This catalog gives the numbers and names of parts on this machine.

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August , 31 ' 2006

This exploded view diagram illustrates the assembly of a car stereo unit. The components are numbered 1 through 22, with some components having multiple instances. The diagram shows the following parts and their assembly sequence:

- 1**: Top bezel or trim piece.
- 2**: Mounting bracket or arm.
- 3**: Main stereo unit housing.
- 4**: Side bezel or trim piece.
- 5**: Small mounting pin or clip.
- 6**: Mounting bracket or arm (multiple instances).
- 7**: Small rectangular component, possibly a display or sensor.
- 8**: Small rectangular component, possibly a display or sensor.
- 9**: Small rectangular component, possibly a display or sensor.
- 10**: Small rectangular component, possibly a display or sensor.
- 11**: Small rectangular component, possibly a display or sensor.
- 12**: Main stereo unit housing (multiple instances).
- 13**: Main stereo unit housing (multiple instances).
- 14**: Cable with connectors.
- 15**: Mounting bracket or arm (multiple instances).
- 16**: Side bezel or trim piece.
- 17**: Small mounting pin or clip.
- 18**: Mounting bracket or arm (multiple instances).
- 19**: Small rectangular component, possibly a display or sensor.
- 20**: Small rectangular component, possibly a display or sensor.
- 21**: Small rectangular component, possibly a display or sensor.
- 22**: Mounting bracket or arm (multiple instances).

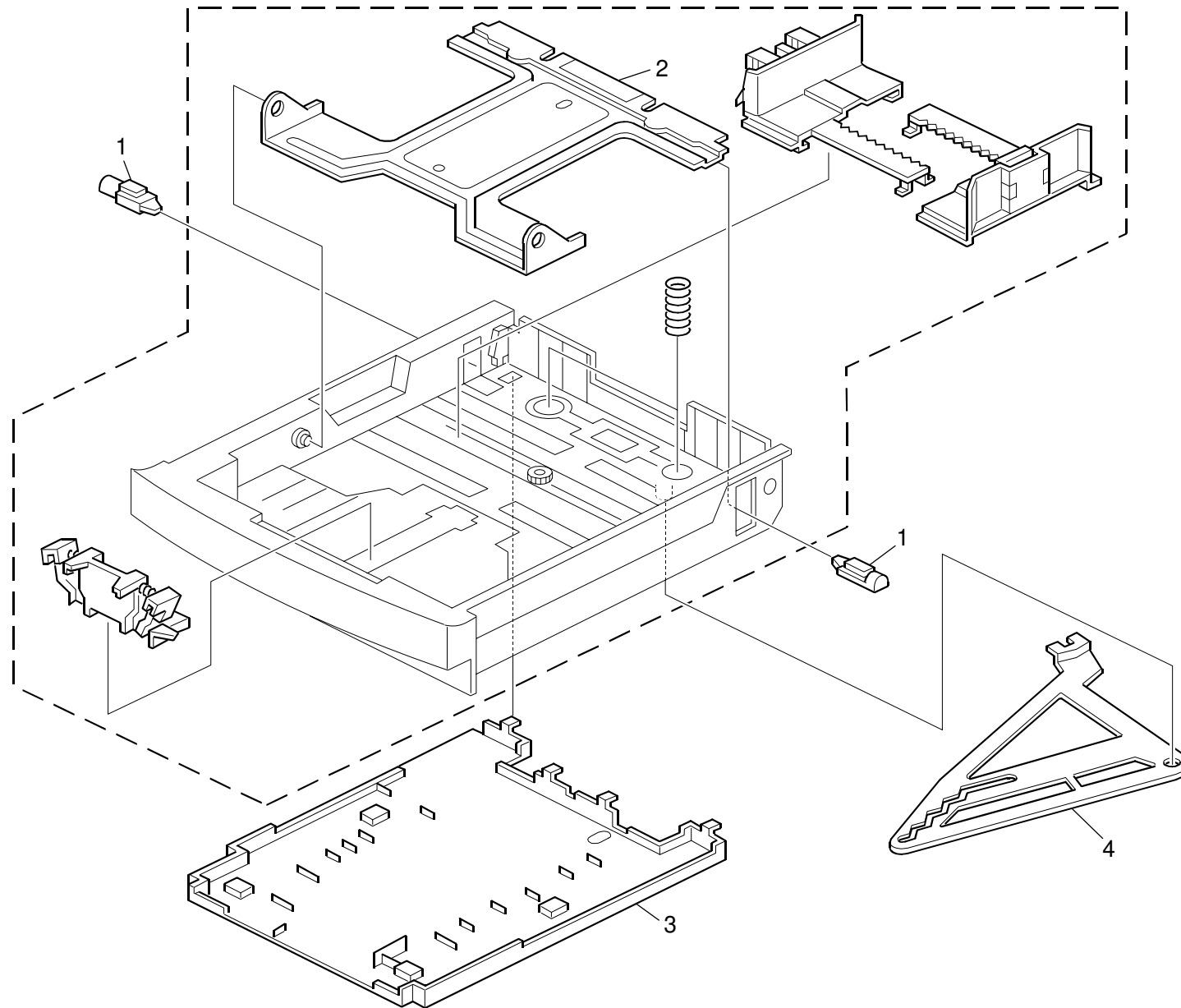
The diagram shows the assembly sequence from the main unit (12) and bezels (1, 3, 4, 13, 16) to the mounting brackets (2, 6, 15, 18) and finally the small components (7, 8, 9, 10, 11, 19, 20, 21). The cable (14) is also shown as part of the assembly.

1.EXTERIOR (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 408	Cleaning Roller Cover PU	1
2	V128 404	Cleaning Roller PU	1
3	V128 652	Left Side Cover PU 2	1
	V128 418	x/o MB8	
4	V128 403	OBS MB1	
5	V128 445	Duplex Connector Cover PU	1
6	V128 419	Inner Front Cover PU	1
7	V128 629	OP Panel Cover EX	1
	V128 414	x/o MB2	
7	V128 640	OP Panel Cover RG (P1a) Added MB6	1
8	V128 413	OP Panel	1
8	V128 639	OP Panel RG (P1a) Added MB6	1
9	V128 415	Paper Tray PU	1
10	V128 416	Slope PU	1
11	V128 412	Top Cover PU	1
12	V128 411	Top Cover Assy PU	1
13	V128 417	Right Side Cover PU	1
14	GZ00 0005	Power Cord - 230V (CHN) Added MB7	1
14	V128 409	Power Cord (110V) PU	1
15	V128 628	Front Cover PU EX	1
	V128 420	x/o MB2	
16	V128 403	Waste Toner Auger PU Corrected MB1	1
17	V128 449	Front Band PU	1
18	G108 7001	Decal - Emblem Ricoh EXP	1
18	G108 7002	Decal:Emblem:NRG:GES	1
18	G108 7003	Decal:Emblem:NRG:NAS	1
18	G108 7004	Decal:Emblem:NRG:REX	1
18	G132 8700	Decal_Ricoh_NA_Pluto_P1a Added MB6	1
18	G132 8702	Decal_NAS_Pluto_P1a Added MB6	1
18	G132 8703	Decal_REX Added MB6 (P1a)	1
18	G132 8704	Decal_GES_Pluto_P1a Added MB6	1
19	GA00 3038	Decal - Inkjet Paper Caution	1
19	GA00 3065	Decal - Inkjet Caution (CHN) Added MB7	1
20	G108 8607	Manual:Introduction:Eng	1
20	G108 8608	Manual:Setup:Easy:Eng	1

Index No.	Part No.	Description	Q'ty Per Assembly
20	G108 8611	Manual:Maintenance:Eng	1
20	G108 8614	Manual:Option:Eng	1
20	G132 8103	Manual_Setup_NA Added MB6 (P1a)	1
20	G132 8108	Manual_Option_NA Added MB6 (P1a)	1
21	G108 7022	Sheet:Color_chart:EXP	1
22	V128 444	Waste Toner Auger PU Added MB3	1

2.PAPER CASSETTE (G108)



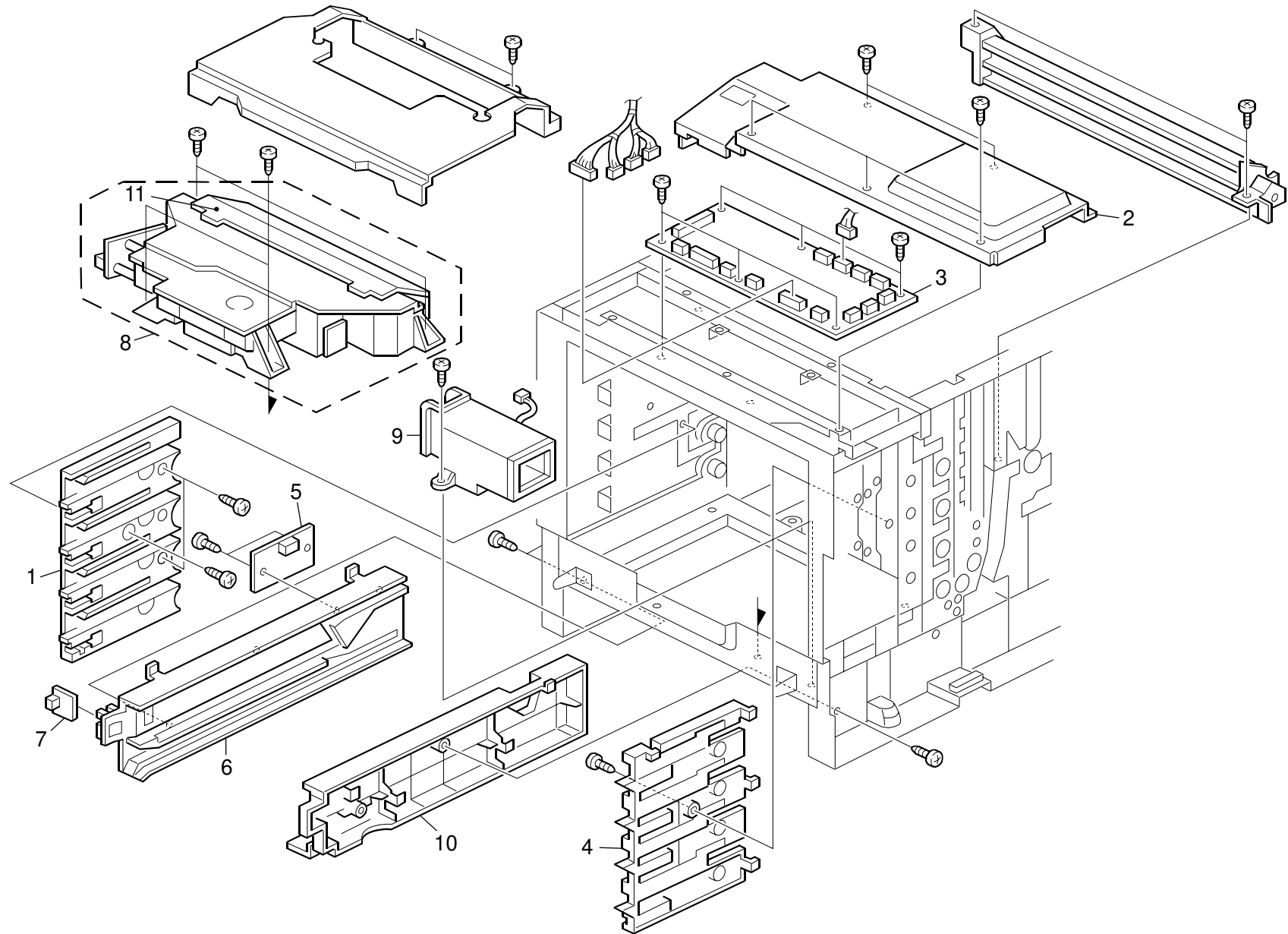
2.PAPER CASSETTE (G108)



Index No.	Part No.	Description	Q'ty Per Assembly
*	V128 410	Paper Cassette (A4) PU	1
1	V128 558	Cp Lach Lever	2
2	V128 559	Cp Cassette Base	1
3	V128 555	Cp Back Cover	1
4	V128 556	Cp Size Detect Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly

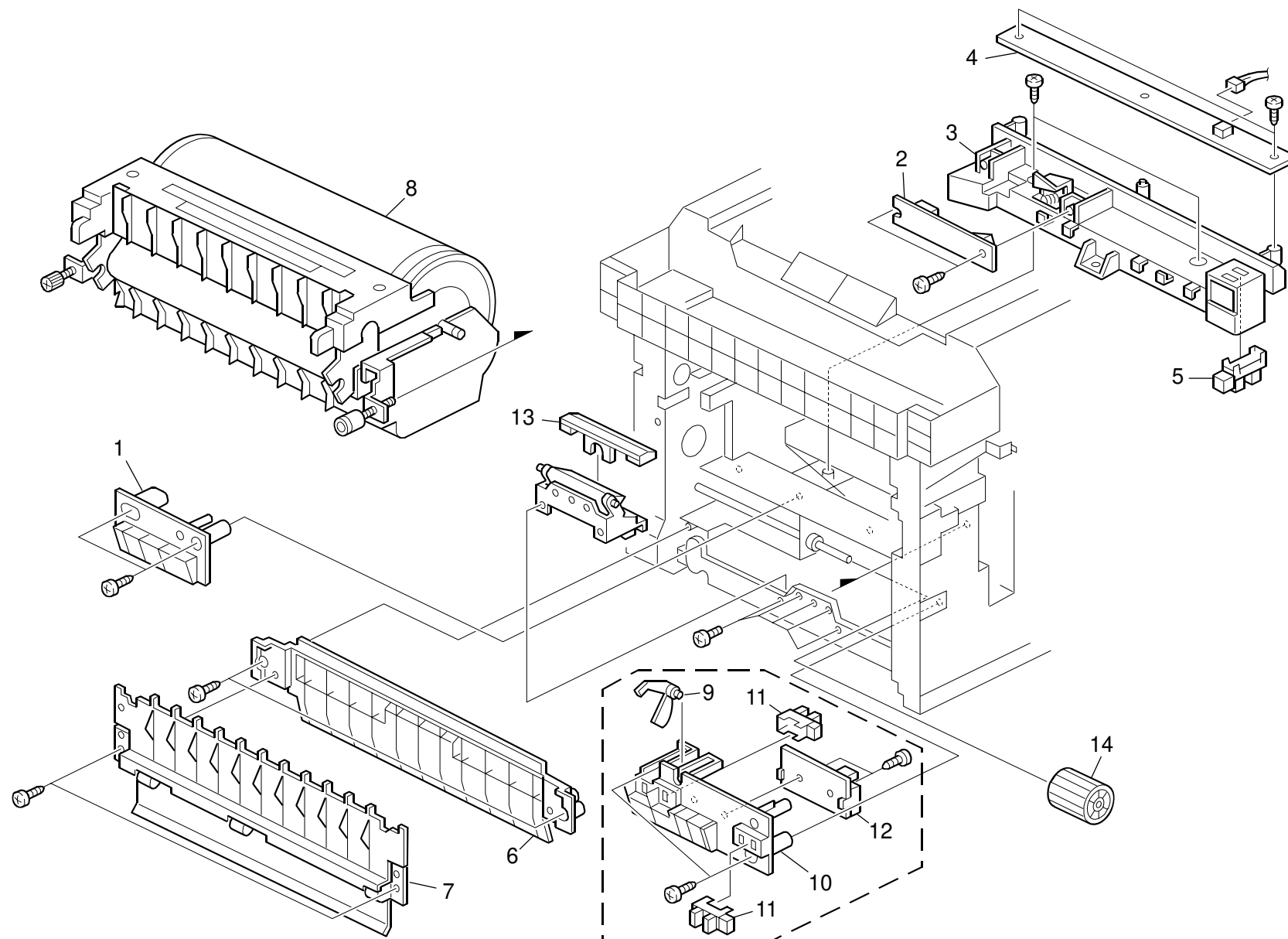
3.UNIT GUIDE SECTION (G108)



Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 443	Left Toner Guide PU	1
2	V128 422	I/O Board Cover PU	1
3	V128 421	I/O Board PU	1
4	V128 442	Right Toner Guide PU	1
5	V128 440	Paper Size Sensor PU	1
6	V128 439	Left Tray Guide PU	1
7	V128 441	Room Temp. Thermistor PU	1
8	V128 437	Laser Assy PU	1
9	V128 447	Laser Unit Fan Assy PU	1
10	V128 438	Right Tray Guide PU	1
11	V128 662	OU5 Front Case Added MB10	1

Index No.	Part No.	Description	Q'ty Per Assembly

4.PCU SECTION (G108)

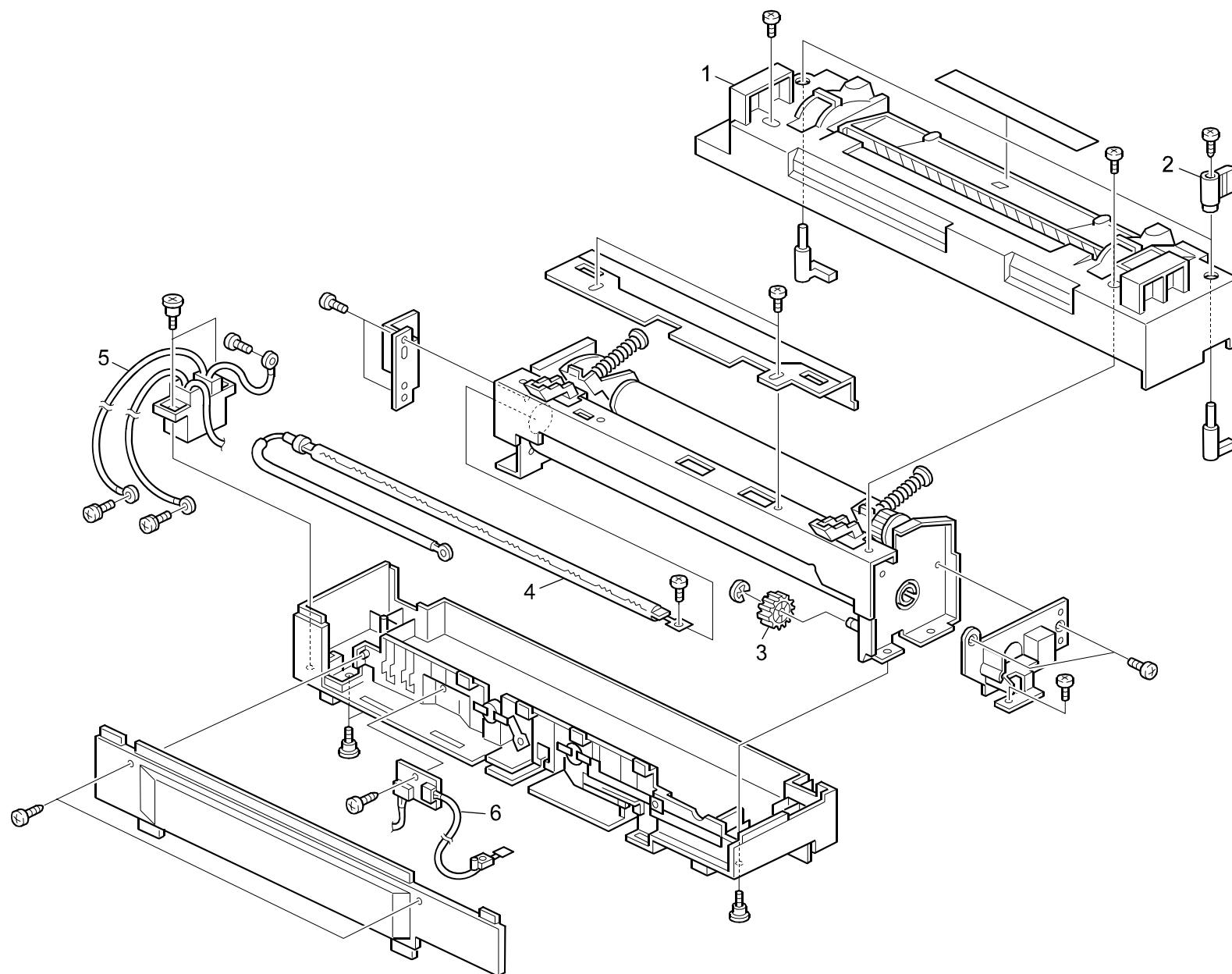


4.PCU SECTION (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 470	Paper Guide (D) PU	1
2	V128 471	Toner Density Sensor PU	1
3	V128 472	Sensor Stay Assy PU	1
4	V128 469	Erase Lamp PU	1
5	V126 168	Belt Sensor	1
6	V128 465	Paper Guide (B) PU	1
7	V128 464	Paper Guide (A) PU	1
8	V128 463	Transfer Unit PU	1
9	V128 467	Tray Empty Actuator PU	1
10	V128 466	Paper Guide (C) PU	1
11	V126 167	Paper Sensor	2
12	V128 648	Ohp Sensor 3 Corrected MB1	1
13	V128 468	Separator Pad 5 PU	1
14	V126 142	Paper Feeding Roller	1

Index No.	Part No.	Description	Q'ty Per Assembly

5.FUSING UNIT 1 (G108)

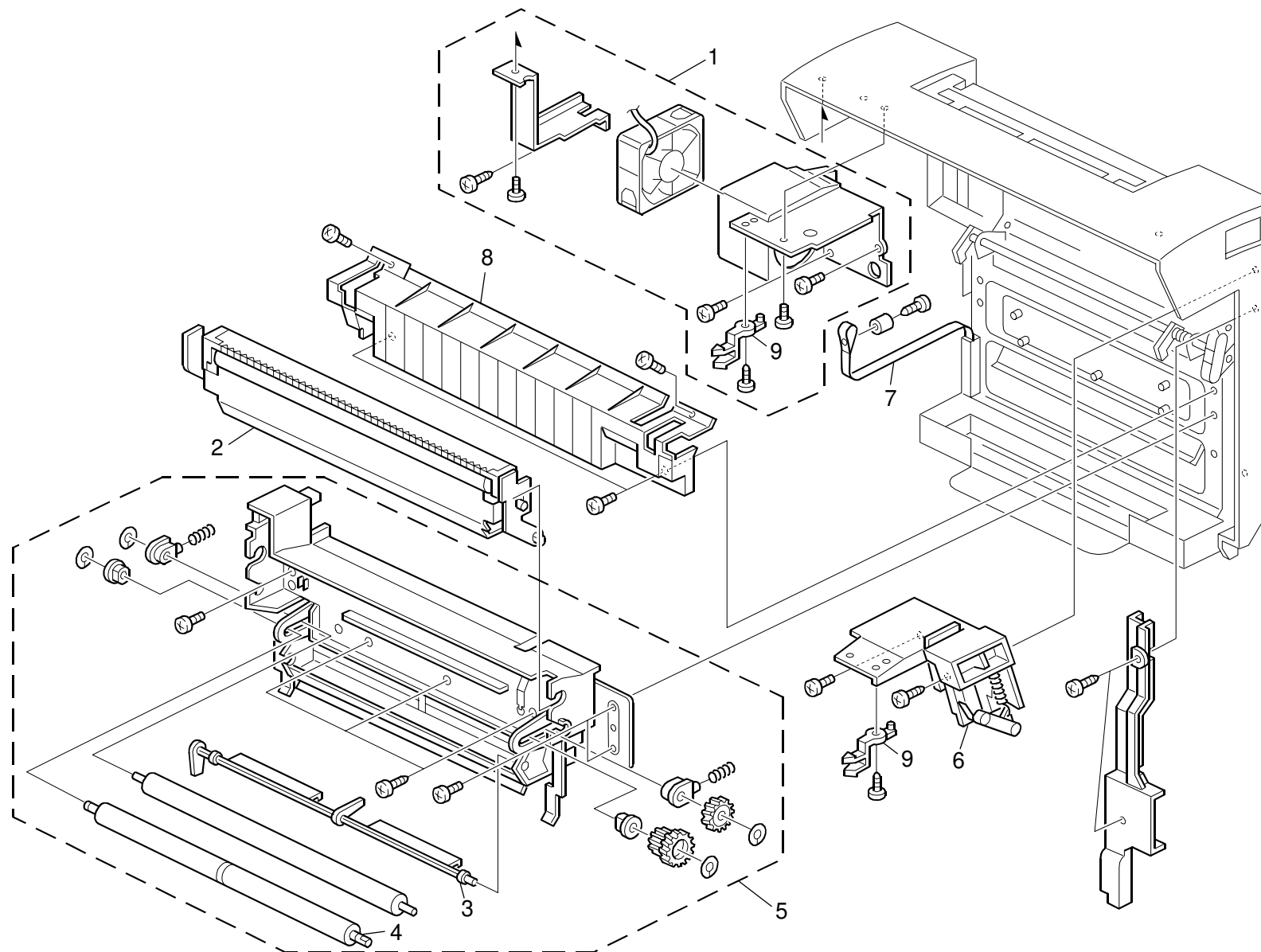


5.FUSING UNIT 1 (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
*	V128 622	Fusing Unit (110V) PU	1
	V128 405	x/o MB5	
*	V128 623	Fusing Unit (220V PU	1
	V128 406	x/o MB5	
1	V128 606	Top Fuser Cover FU	1
2	V128 480	Lock Knob Kit FU	1
3	V128 481	Idle Gearz20 FU	1
4	V128 473	Fuser Lamp (110V) FU	1
4	V128 474	Fuser Lamp (220V) FU	1
5	V128 477	Fuser Connector (110V) FU	1
5	V128 478	Fuser Connector (220V) FU	1
6	V128 479	OBS MB1	

Index No.	Part No.	Description	Q'ty Per Assembly

6.PAPER EXIT SECTION 1 (G108)

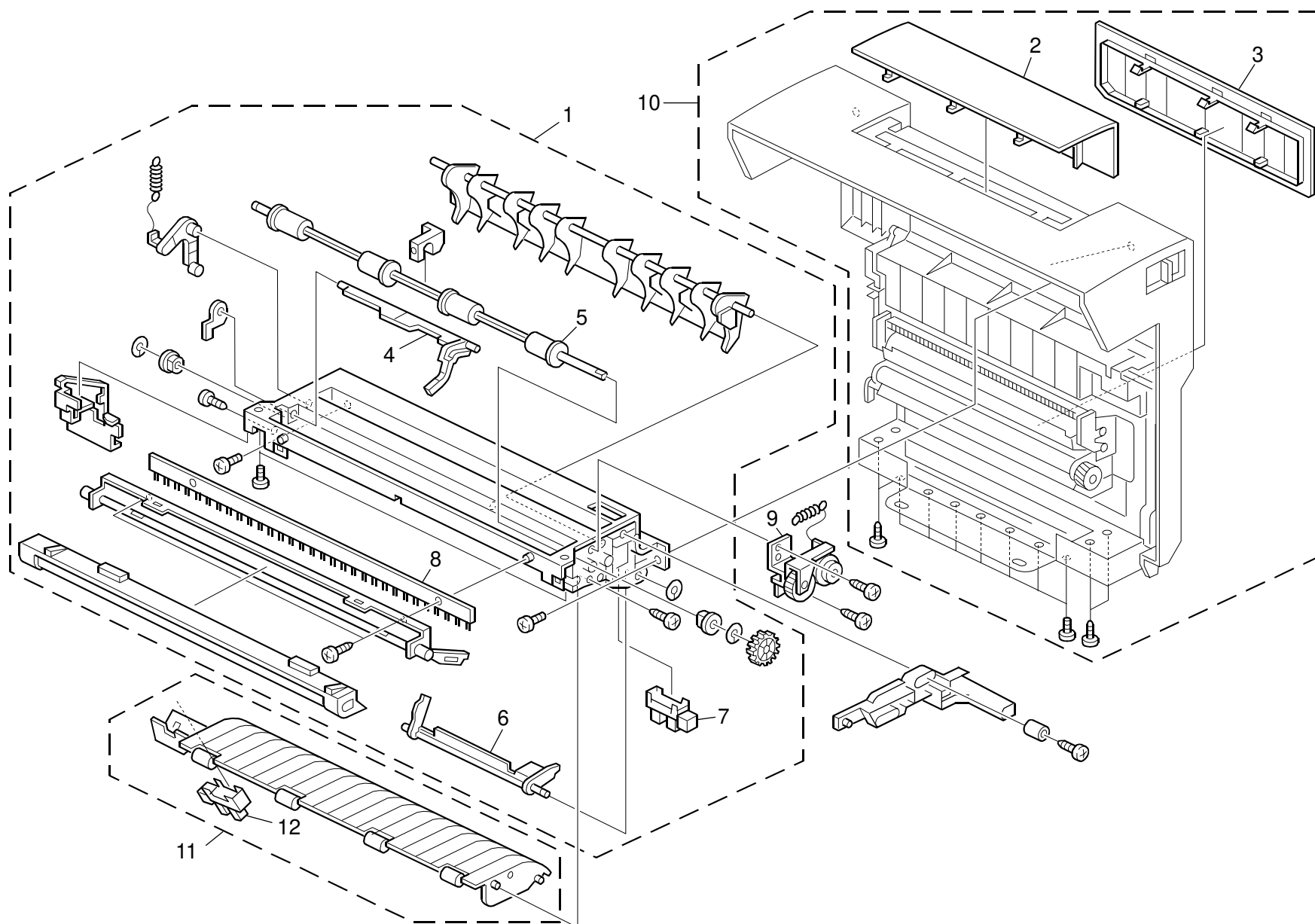


6.PAPER EXIT SECTION 1 (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 493	Exit Fan Assy PU	1
2	V128 488	Transfer Roller Assy PU	1
3	V128 486	Registration Actuator PU	1
4	V128 487	Registration Roller Assy PU Corrected MB1	1
5	V128 611	Transfer Base Assy PU Corrected MB1	1
6	V128 496	Rear Cover Latch Assy PU	1
7	V128 498	Tr Unit Band	1
8	V128 495	Transfer Roller Guide PU	1
9	V128 663	PP5 Guide Set Added MB11	1

Index No.	Part No.	Description	Q'ty Per Assembly

7.PAPER EXIT SECTION 2 (G108)

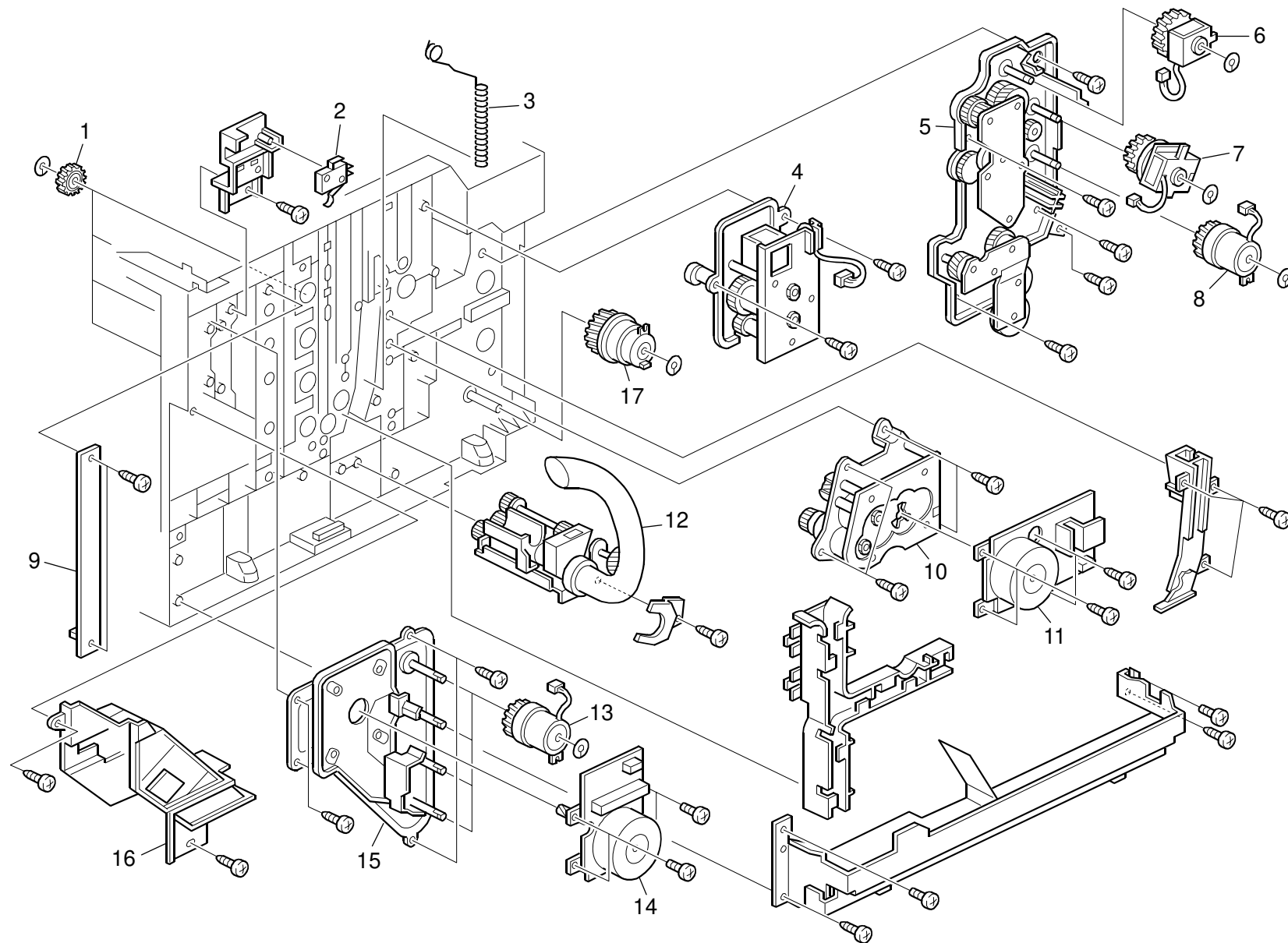


7.PAPER EXIT SECTION 2 (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 489	Exit Guide Assy PU	1
2	V128 483	Upper Duplex Cover PU	1
3	V128 484	Lower Duplex Cover PU	1
4	V128 497	Paper Exit Actuator PU	1
5	V128 490	Exit Roller Assy PU	1
6	V128 491	Fuser Exit Actuator PU	1
7	V126 648	Ohp Sensor 3	1
8	V123 842	Discharging Brush	1
9	V128 494	Exit Drive Assy PU	1
10	V128 482	Rear Cover Assy PU	1
11	V128 492	Exit Idle Roller Assy PU	1
12	V126 167	Paper Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly

8.DRIVE SECTION (G108)

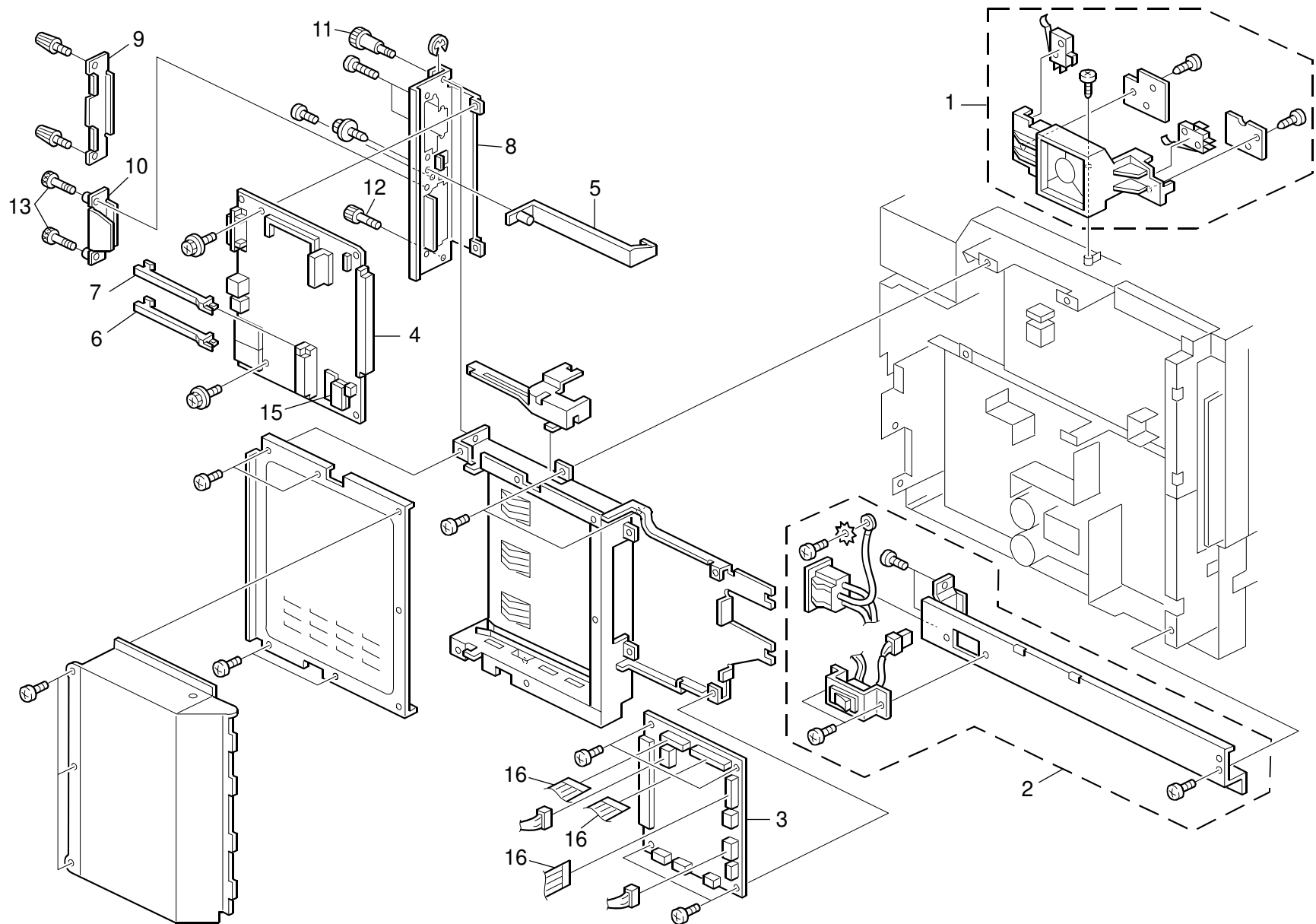


8.DRIVE SECTION (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 433	Developer Gear PU	4
2	V128 436	Interlock Switch PU	1
3	V128 446	Waste Toner Agitator PU	1
4	V128 428	Cleaning Roller Clutch PU	1
5	V128 429	Main Drive Gear Assy PU	1
6	V128 427	Fuser Clutch PU	1
7	V126 788	Tr Cam Clutch 2PU (RoHs)	1
7	V126 639	Tr Cam Clutch 3	1
8	V128 426	Registration Clutch PU	1
9	V128 448	F Switch Base PU	1
10	V128 424	OPC Drive Gear Assy PU	1
11	V128 423	Main Motor PU	1
12	V128 430	Waste Toner Feeder PU	1
13	V128 434	Developer Clutch PU	4
14	V128 431	Developer Motor PU	1
15	V128 432	Developer Drive Assy PU	1
16	V128 435	Waste Toner Holder Assy PU	1
17	V128 425	Paper Feed Clutch PU	1

Index No.	Part No.	Description	Q'ty Per Assembly

9.ELECTRICAL SECTION 1 (G108)

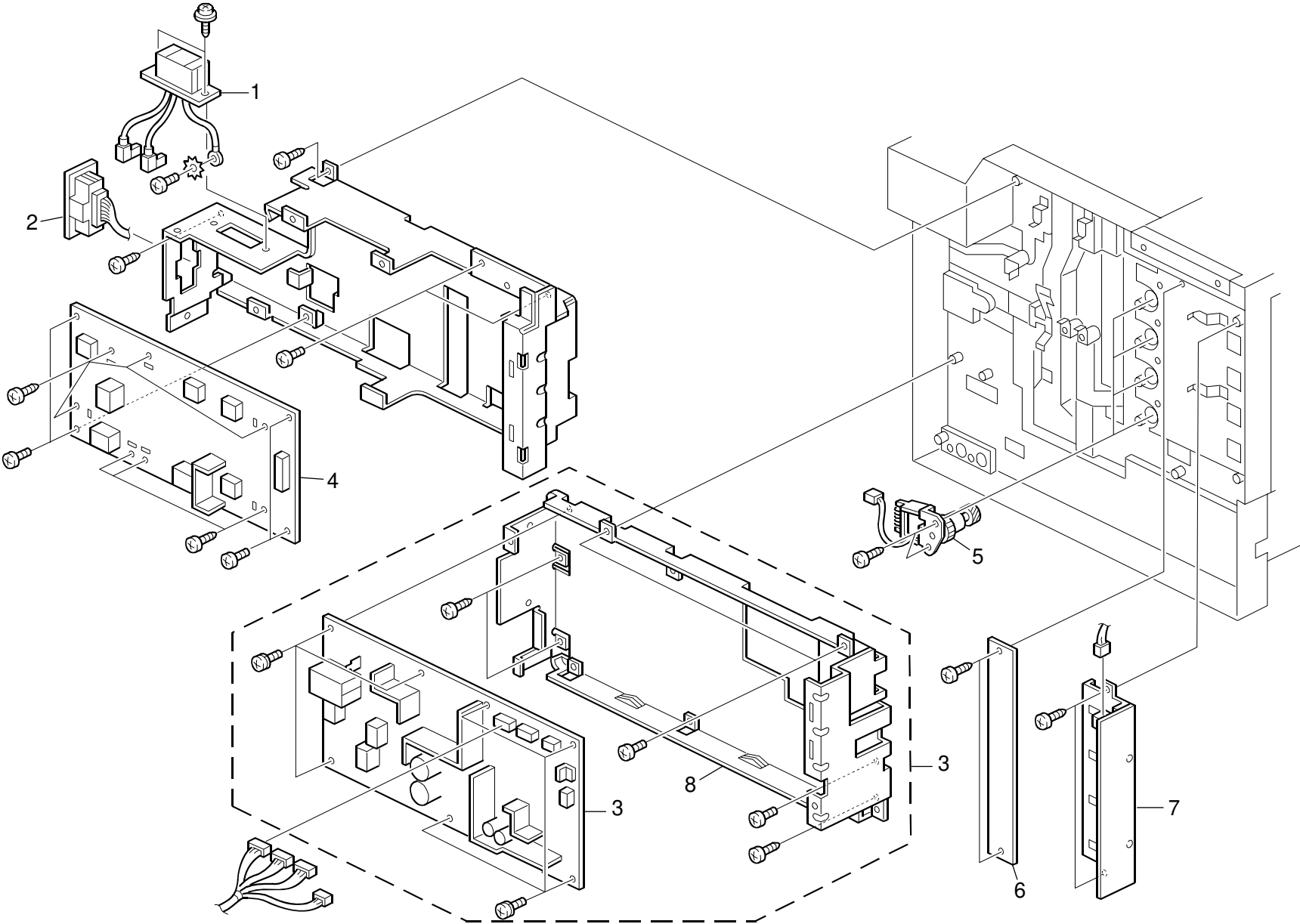


9.ELECTRICAL SECTION 1 (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 456	Power Supply Fan Assy PU	1
2	V128 612	Power Supply Bracket (110V) PU	1
2	V128 613	Power Supply Bracket (220V) PU	1
		Added MB1	
3	V128 450	Engine Controller Board PU	1
4	G108 5218	PCB:Pluto-p1:RAM:EXP (RoHs)	1
	G108 5217	x/o MB12	
5	G108 5106	Slide Rail - HDD	1
6	G108 5107	Left Guide 1	1
7	G108 5108	Right Guide 1	1
8	G108 5100	Drum Stay - Control Board Ass'y	1
9	G056 6005	HDD Cover	1
10	B132 5836	Panel:Interface (RoHs)	1
	B070 6895	x/o MB13	
11	G108 5103	Knob Screw - Drum Stay Upper	1
12	G108 5134	Knob Screw:Drum Stay:Lower (RoHs)	1
	G108 5104	x/o MB13	
13	AA14 1008	Panel Knob Screw (RoHs)	2
	B070 6898	x/o MB13	
14	V128 679	Printer Controller RNE (G132)(RoHs)	1
	V128 638	x/o MB12	
15	G108 9590	NVRAM ZERO Counter Added MB9	1
16	V128 499	FFC Harness PU Added MB11	3

Index No.	Part No.	Description	Q'ty Per Assembly

10.ELECTRICAL SECTION 2 (G108)



10.ELECTRICAL SECTION 2 (G108)

Index No.	Part No.	Description	Q'ty Per Assembly
1	V128 457	Fuser Connector (110V) PU	1
1	V128 458	Fuser Connector (220V) PU	1
2	V128 462	Dup Connector	1
3	V128 452	Lv Power Supply (110V) PU	1
3	V128 676	Lv Power Supply (220V) PU (RoHs)	1
	V128 453	x/o MB14	
4	V128 451	Hv Power Supply PU	1
5	V128 459	Toner Retract Solenoid PU	4
5	V128 460	Toner Retract Cam PU	4
6	V126 169	Toner Sensor Assy	1
7	V128 461	Toner Present Sensor PU	1
8	V128 612	OBS MB1	
8	V128 613	OBS MB1	

Index No.	Part No.	Description	Q'ty Per Assembly

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V128 494	Exit Drive Assy PU	15 - 9
V128 495	Transfer Roller Guide PU	13 - 8
V128 496	Rear Cover Latch Assy PU	13 - 6
V128 497	Paper Exit Actuator PU	15 - 4
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