

Dolphin - C2 (B188)

PARTS CATALOG

First edition, April 2005

Ricoh Company, LTD.

Dolphin - C2 (B188)

PARTS CATALOG

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

Dolphin – C2	(B188)
Roll Feeder Type 480	(B758)
Paper Cassette Type 480	(B759)
Original Tray Type G	(B341)
Roll Holder Unit Type A	(B394)

Dolphin - C2 (B188)

PARTS CATALOG

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

Printer Controller RW-480	(B808)
Scanner Option Type 480	(B765)
IEEE 1394 Interface Board Type B	(B581)
IEEE 802.11b Interface Unit Type H	(G813)

Dolphin - C2 (B188)

Dolphin - C2 (B188)

PARTS CATALOG

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

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PARTS CATALOG

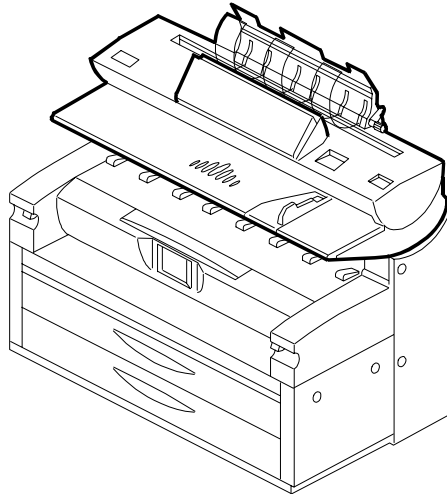
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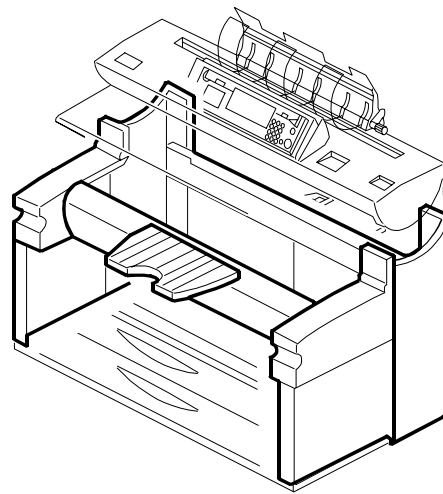
LOCATIONS OF UNITS

1. Exterior 1 (B188)



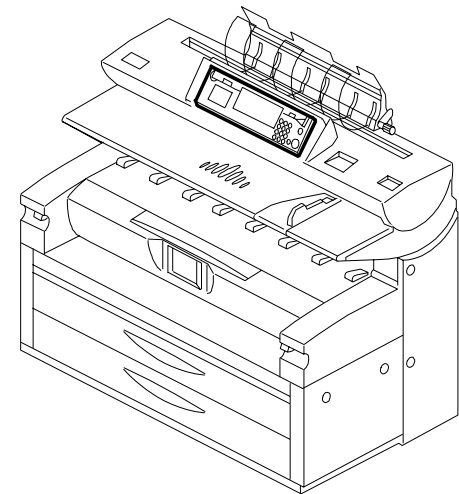
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2. Exterior 2 (B188)



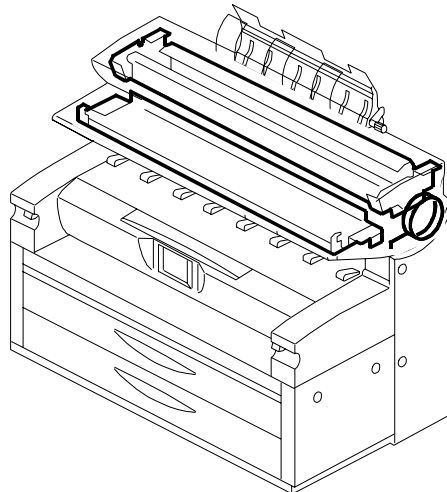
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3. Operation Panel (B188)



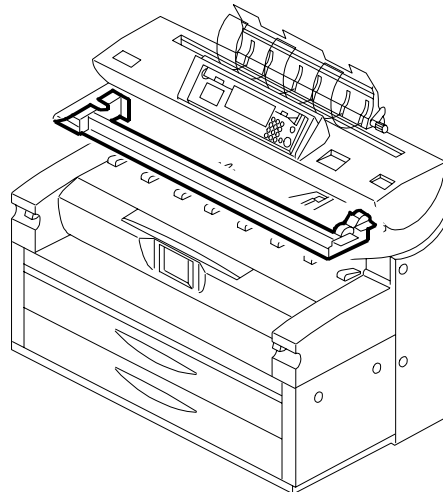
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4. Optical Section 1 (B188)



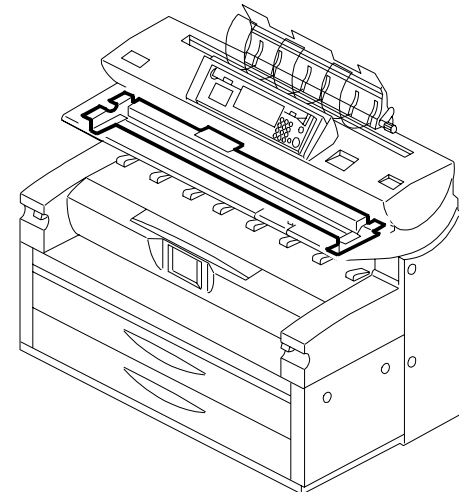
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5. Optical Section 2 (B188)



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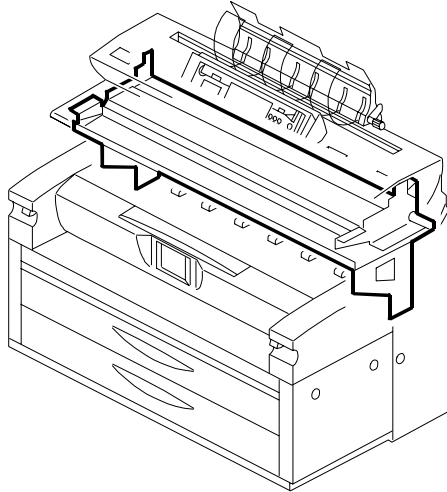
6. Optical Section 3 (B188)



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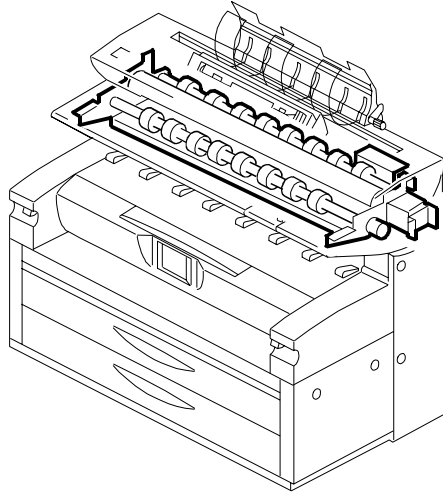
LOCATIONS OF UNITS

7. Optical Section 4 (B188)



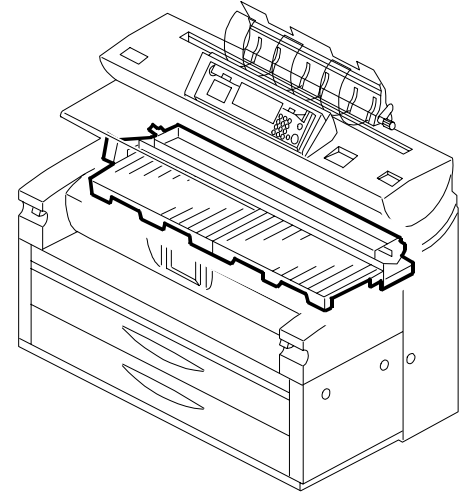
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8. Optical Section 5 (B188)



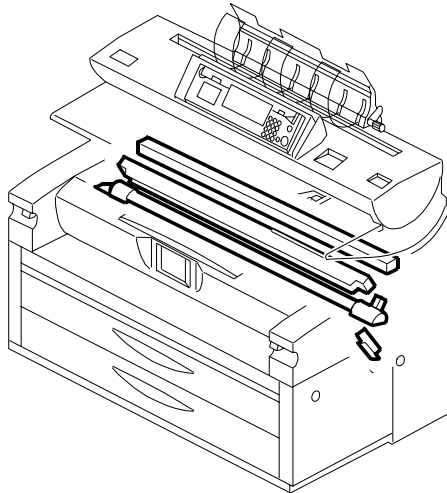
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9. Plotter Section (B188)



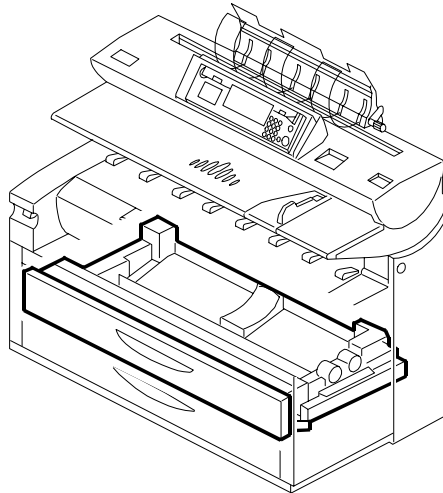
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10. Charge Corona Section (B188)



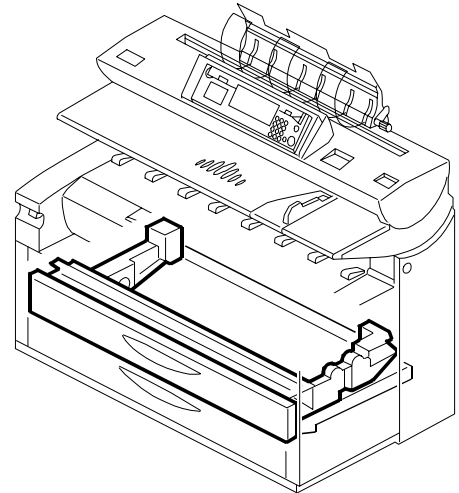
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11. Paper Tray Unit 1 (B188)



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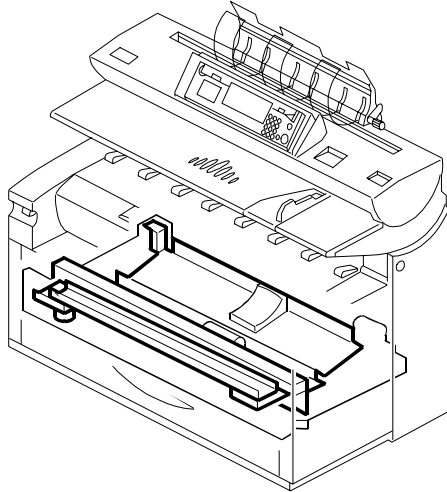
12. Paper Tray Unit 2 (B188)



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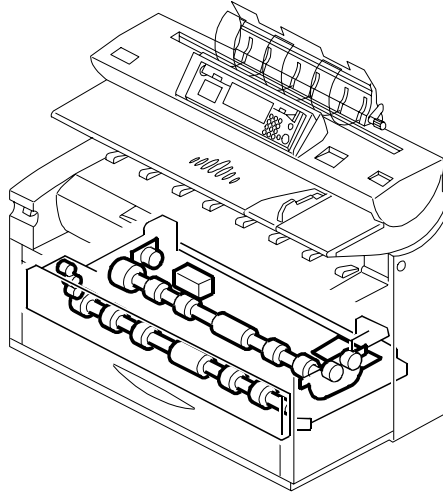
LOCATIONS OF UNITS

13. Paper Tray Unit 3 (B188)



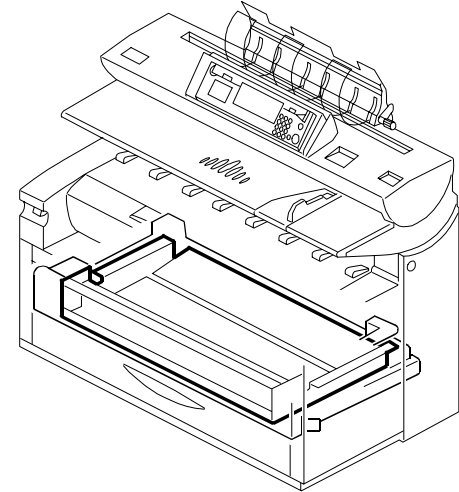
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14. Paper Tray Unit 4 (B188)



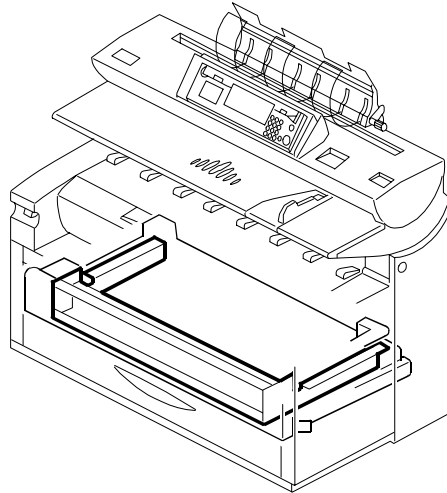
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15. Paper Tray Unit 5 (B188)



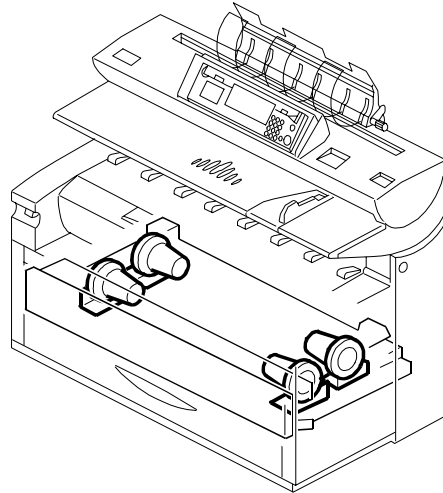
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16. Paper Tray Unit 6 (B188)



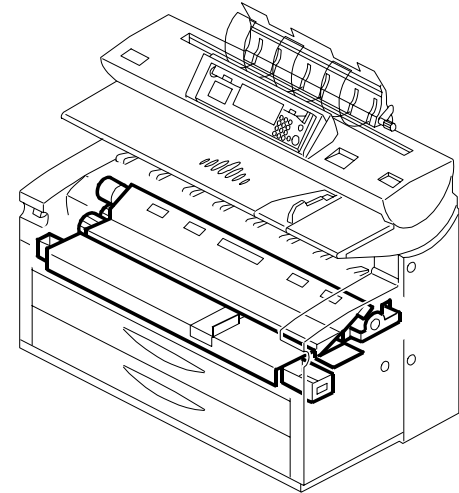
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17. Paper Tray Unit 7 (B188)



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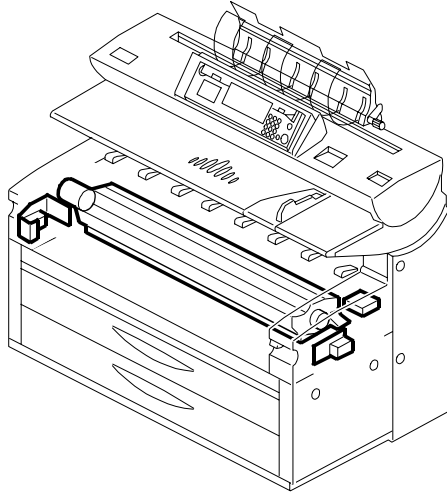
18. Paper Registration 1 (B188)



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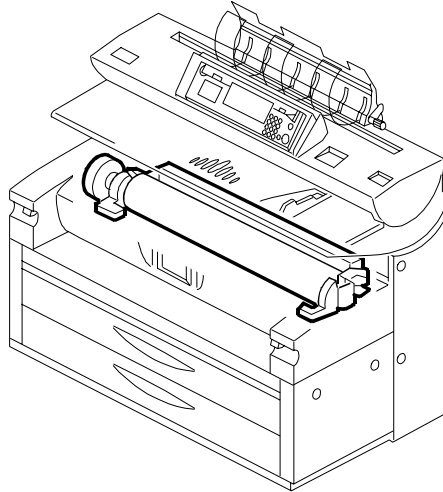
LOCATIONS OF UNITS

19. Paper Registration 2 (B188)



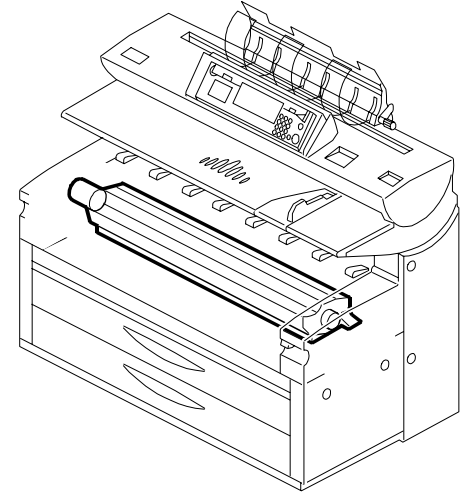
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20. PCU (B188)



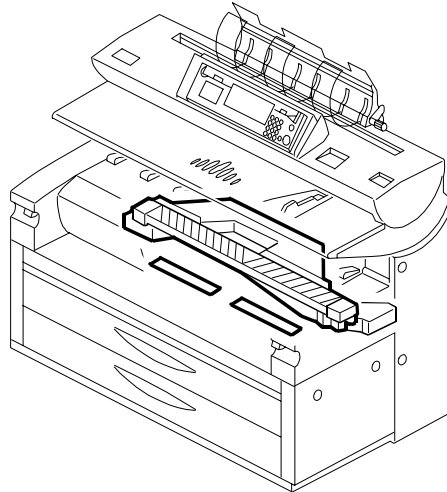
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21. Development Unit 1 (B188)



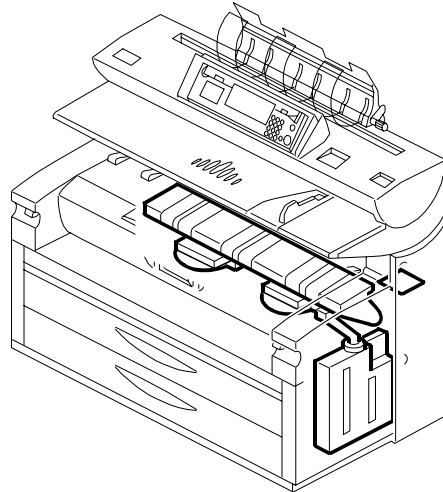
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22. Development Unit 2 (B188)



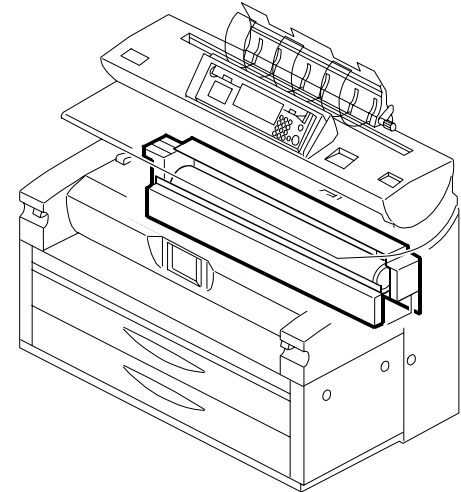
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23. Development Unit 3 (B188)



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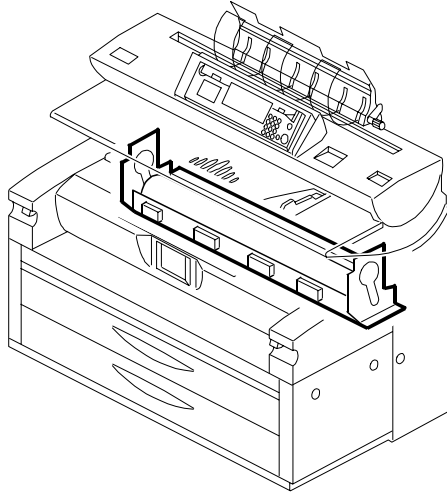
24. Fusing Unit 1 (B188)



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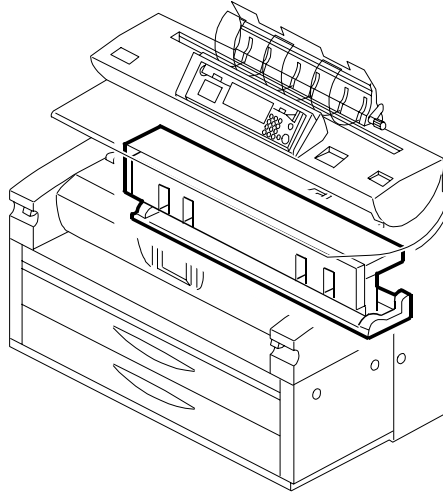
LOCATIONS OF UNITS

25. Fusing Unit 2 (B188)



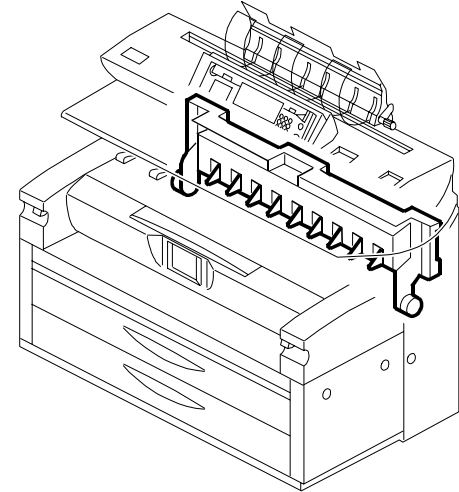
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26. Fusing Unit 3 (B188)



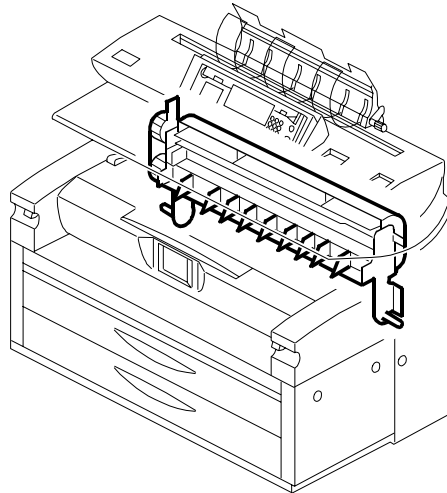
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27. Paper Exit Section 1 (B188)



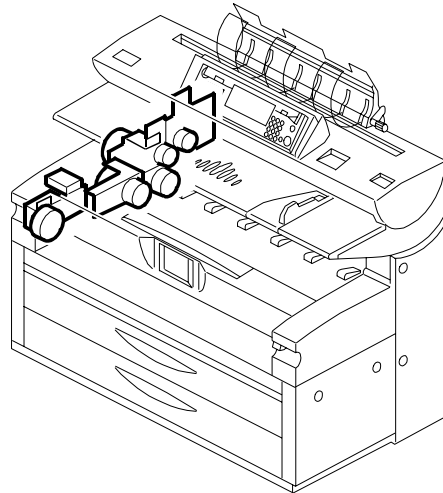
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28. Paper Exit Section 2 (B188)



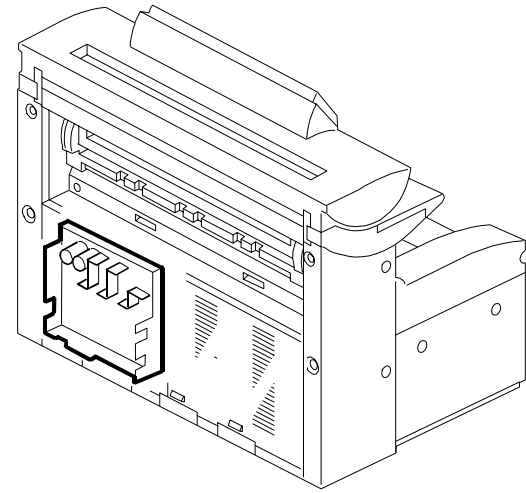
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29. Drive Section (B188)



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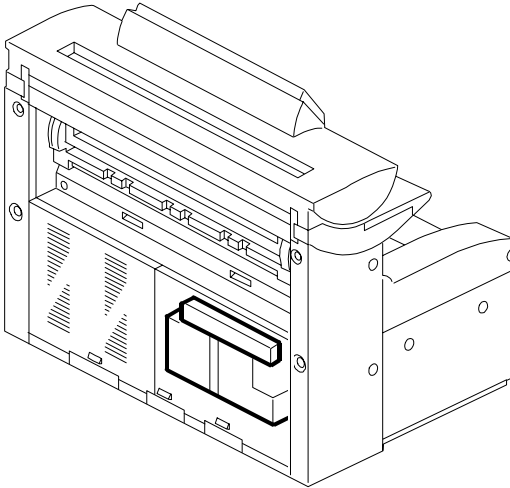
30. Electrical Section 1 (B188)



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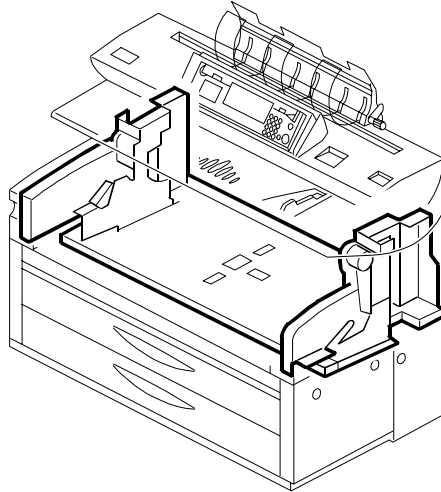
LOCATIONS OF UNITS

31. Electrical Section 2 (B188)



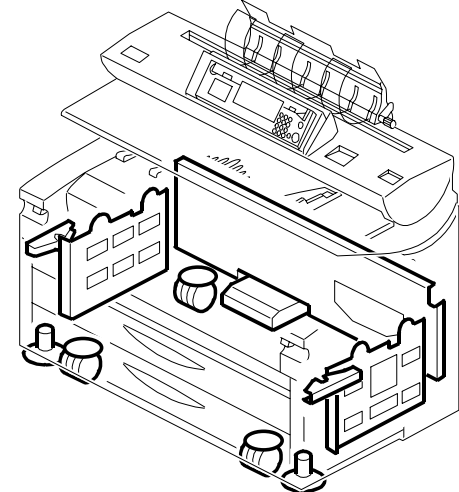
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32. Frame Section 1 (B188)



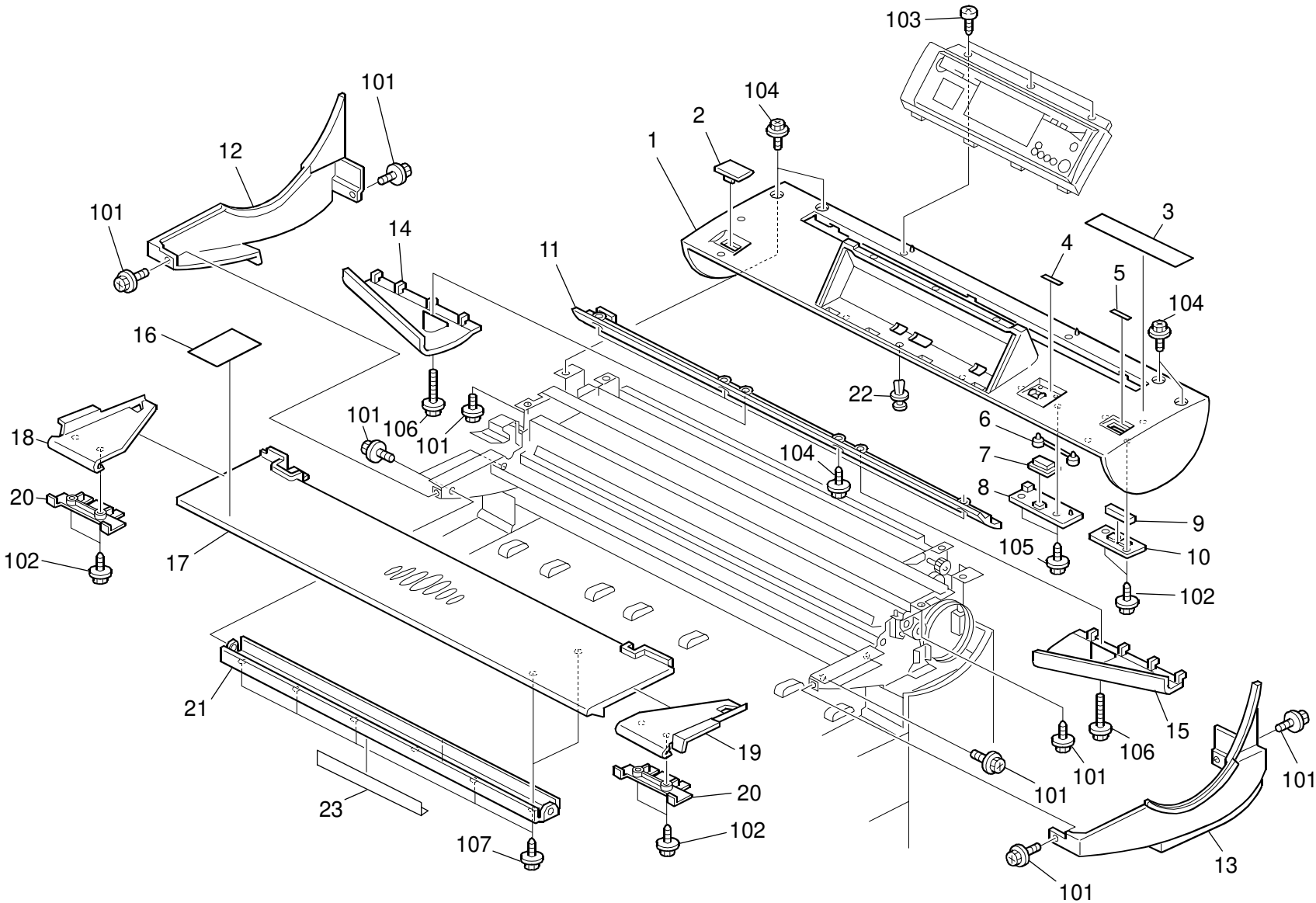
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33. Frame Section 2 (B188)



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1.Exterior 1 (B188)

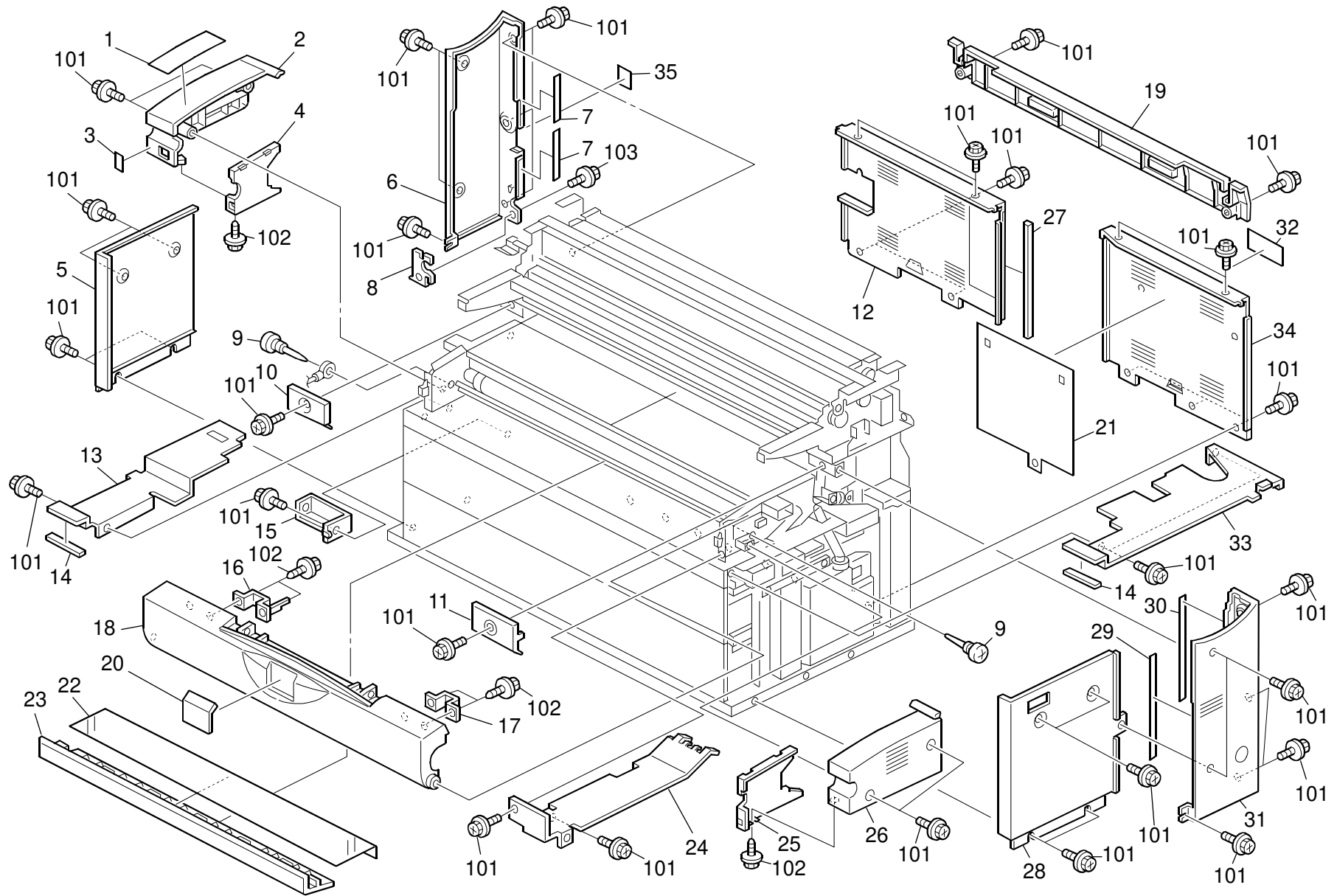


1.Exterior 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 1304	Cover:Original:Upper	1
2	B010 1305	Keytop Cover - Original Interrupt	1
3	B188 1361	Decal:Rear Upper Tray Guide	1
4	B010 1332	Decal - Main Power	1
4	B010 1333	Decal-main Power	1
5	B010 1334	Decal-scanner Stop	1
6	A229 1465	LED Guide	1
7	B010 1459	Keytop - Power Source	1
8	B188 5290	PCB:Operation Sub-unit:Power Source	1
9	AA11 4121	Keytop - Entrance	1
10	B188 5515	PCB:Scanner Stop	1
11	B010 1303	Original Cover - Upper Front	1
12	B010 1301	Original Left Cover	1
13	B010 1302	Original Right Cover	1
14	B010 1321	Original Left Plate	1
15	B010 1322	Original Right Plate	1
16	B010 6491	Decal-original Misfed	1
17	B188 6063	Original Table:Printing	1
17	B188 6453	Original Table:Printing:NA	1
18	B188 6073	Side Fence:Original:Left:Unit	1
19	B188 6066	Side Fence:Original:Right:Unit	1
20	B010 6072	Spring Plate - Side Fence Guide	2
21	B188 6064	Channel:Original Table	2
22	B188 1463	Rivet:MM5	1
23	B188 1397	Film:Cover:Original Table:Behind	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0450 4008N	Tapping Screw - M4x8	
103	0452 4008N	Tapping Screw:M4x8	
104	0450 4010N	Tapping Screw:M4x10	
105	0450 3006N	Tapping Screw - M3x6	
106	0450 4025N	Tapping Screw:4x25	
107	0450 4014N	Tapping Screw:4x14	

2.Exterior 2 (B188)

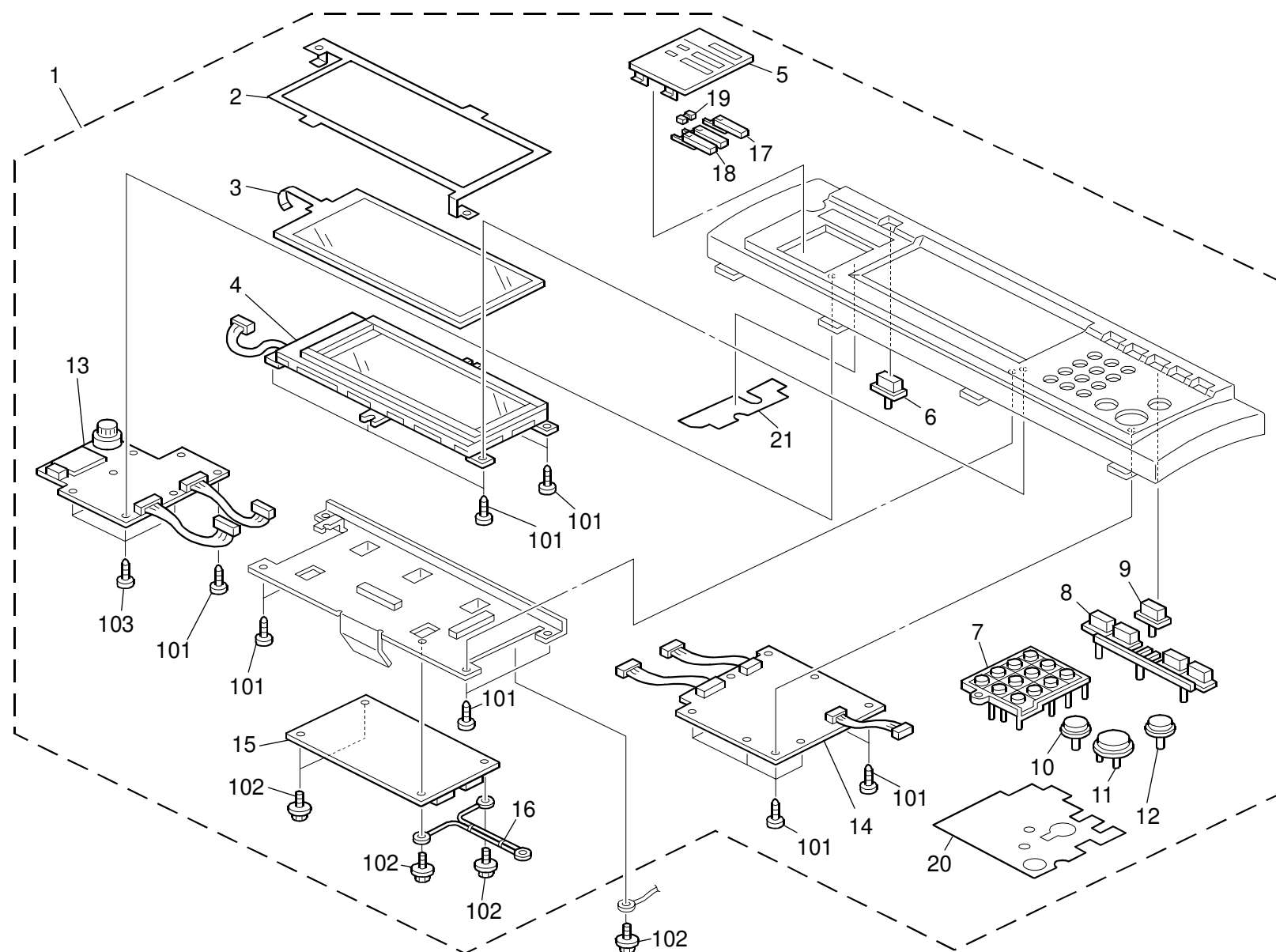


2.Exterior 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B010 1281	Decal - Toner Operation	1
2	B010 1257	Left Upper Cover	1
3	B010 1330	Decal - Main Power	1
3	B010 1331	Decal-main Switch	1
4	B010 1258	Left Inner Cover	1
5	B010 1356	Cover:Left Lower	1
6	B188 1264	Cover:Left Rear	1
7	B188 1349	Gasket:Left Rear	2
8	B188 1265	Cover:CSS	1
9	AA14 3788	Pin:Guide Plate:Paper Feed	14
10	B188 1280	Cover:Left Rear:Small	1
11	B188 1279	Cover:Right Rear:Small	1
12	B188 1297	Cover:Rear Lower:Left	1
13	B188 1271	Inner Cover:Left	1
14	B188 1291	Gasket:Right Front:Left Front	2
15	B188 1278	Bracket:Cover:51.8	1
16	B188 1353	Bracket:Switch:Development	1
17	B188 1354	Bracket:Magnet Catch	1
18	B188 1352	Cover:Development	1
19	B010 1355	Lower Exit Cover	1
20	B132 1531	Panel:Logo	1
21	B010 1268	Insulating Sheet - Power Supply Unit	1
22	B188 1356	Sheet:Cover:Toner Cartridge	1
23	B010 1351	Entrance Cover - Manual Feed	1
24	B188 1284	Inner Cover:Right Upper	1
25	B010 1251	Right Inner Cover	1
26	B010 1250	Upper Right Cover	1
27	B188 1288	Gasket:Rear Middle	1
28	B188 1254	Cover:Right Lower	1
29	B188 1290	Gasket:Right:Front Rear	1
30	B188 1287	Gasket:Right Rear:Left Rear	1
31	B188 1256	Cover:Right Rear	1
32	B010 1282	Decal - Operation Instructions	1
33	B188 1270	Inner Cover:Right	1
34	B188 1266	Cover:Rear Lower:Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	AA00 3043	Decal:Caption:Interface:EXP	1
101	0451 4008N	Tapping Screw:4x8	
102	0450 4008N	Tapping Screw - M4x8	
103	0802 5282	Tapping Screw - M4x8	

3.Operation Panel (B188)

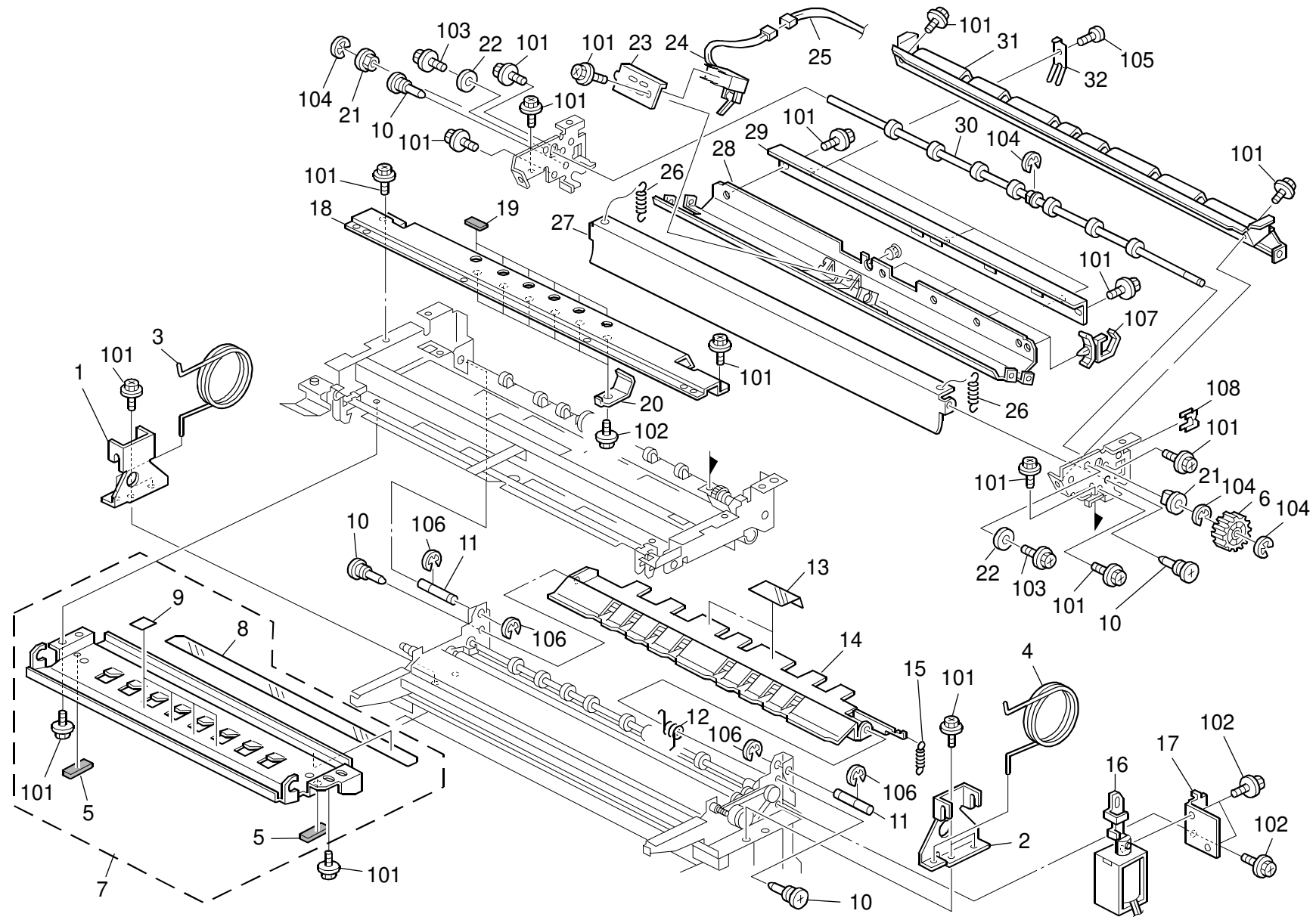


3.Operation Panel (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 1414	Operation Sub-unit:NA	1
1	B188 1415	Operation Sub-unit:EU	1
2	B065 1457	Sheet - Touch Panel	1
3	B180 5258	Touch Panel:Hvga	1
4	B188 1429	LCD:Sub-unit	1
5	B065 1448	Cap - Application	1
6	B065 1447	Keytop - Counter	1
7	B065 1440	Keytop - 10key	1
8	B065 1446	Keytop - Function	1
9	B065 1439	Keytop - Reset Switch	1
10	B065 1442	Keytop - Clear/stop	1
11	B065 1441	Keytop - Start	1
12	B065 1443	Keytop - Sample Print	1
13	B188 1423	PCB:Operation Sub-unit:Left	1
14	B188 1422	PCB:Operation Sub-unit:Right	1
15	B188 5085	PCB:LCDC:NA	1
15	B188 5086	PCB:LCDC:EU	1
16	B188 5851	Ground Wire:Scanner	1
17	B065 1461	Keytop Display - LT	1
17	B065 1463	Keytop Display - A4	1
18	B065 1460	Keytop Aprication - LT	1
18	B065 1462	Keytop Application - A4	1
19	B065 1451	Lens - Application	1
20	B065 1454	Sheet - Right Operation	1
21	B065 1456	Sheet - Left Operation	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 4008N	Tapping Screw:M4x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0453 3006N	Tapping Screw - M3x6	

4.Optical Section 1 (B188)

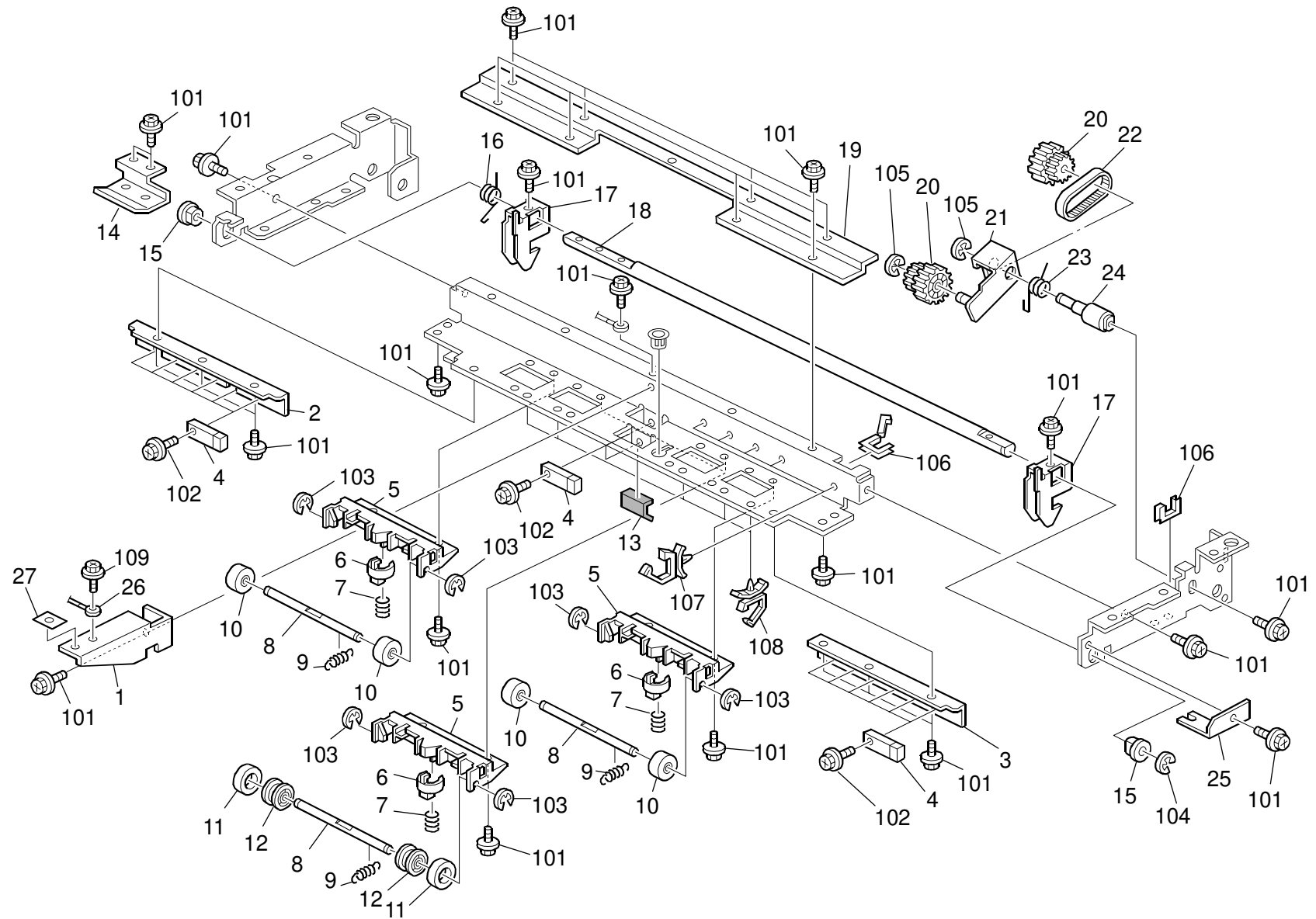


4.Optical Section 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 6146	Bracket:Spring:Lower Left	1
2	B188 6147	Bracket:Spring:Lower Right	1
3	AA06 6365	Spring:Scanner:Open And Close:Left	1
4	AA06 6364	Spring:Scanner:Open And Close:Right	1
5	B188 6198	Gasket:Guide Plate:Upper Front:Lower	2
6	AB01 1376	Gear - 22Z	1
7	B188 6480	Guide Plate:Upper Front:NA	1
7	B188 6191	Guide Plate:Upper Front	1
8	B010 6193	Upper Front Sheet - Guide Plate	1
9	B010 6195	Roller Sheet - Upper Front 100m	4
10	AA14 3788	Pin:Guide Plate:Paper Feed	14
11	AA14 5820	Hinge Shaft	2
12	AA06 6362	Spring:Gate Plate:1.6n	1
13	B010 6133	Gate Plate Sheet	2
14	B188 6130	Guide Plate:Exit:Gate Plate	1
15	AA06 6359	Spring:Gate Plate	1
16	B188 6132	DC Solenoid:Gate Pawl:Link:Unit	1
17	B188 6134	Bracket:Dc Solenoid:Gate Plate	1
18	B188 6155	Stay:Upper	1
19	B188 6166	Gasket:Stay:Upper	6
20	B010 6165	Grouding Plate - Upper Stay	6
21	H053 1600	Bushing - 6mm	2
22	A454 1172	Collar - M6	2
23	B188 6323	Bracket:Paper Feed Sensor:Upper	1
24	AW02 0167	Paper Feed Sensor	2
25	B188 5846	Harness:DC:Scanner:Paper Feed Sensor	1
26	AA06 6358	Spring:Pressure	2
27	B188 6257	Guide Plate:Exit:Transport	1
28	B188 6314	Guide Plate:Exit:Outer:Unit	1
29	B188 6281	Supporting Plate:Exit:Outer	1
30	AF02 0612	Exit Roller	1
31	B188 6265	Guide Plate:Exit:Inner	1
32	B010 6282	Grounding Plate - Exit Guide Plate	3

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0451 4014N	Tapping Screw:M4x14	
104	0720 0040E	Retaining Ring - M4	
105	0314 0060N	Screw - M4X6	
106	0720 0080E	Retaining Ring - M8	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0490	Harness Clamp - IWS-2218	

5.Optical Section 2 (B188)

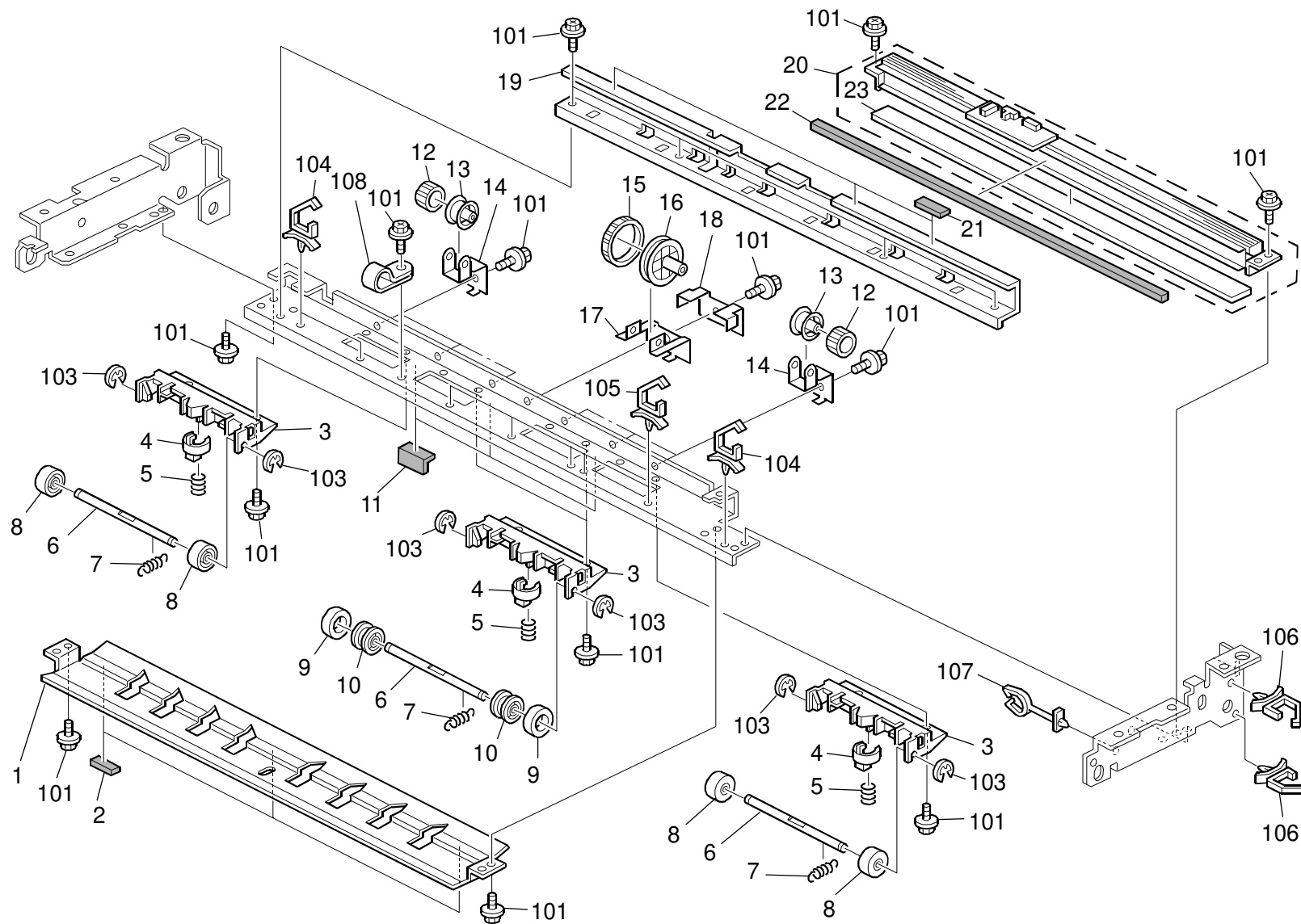


5.Optical Section 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 1464	Ground Plate:Operation Sub-unit	1
2	B188 6059	Bracket:Paper Size Sensor:Left	1
2	B188 6472	Bracket:Positioning Sensor:Left:NA	1
3	B188 6171	Bracket:Paper Size Sensor:Right	1
3	B188 6471	Bracket:Positioning Sensor:Right:NA	1
4	AW01 0109	Photo Refiection Sensor:Ps117ed1	12
5	A174 4741	Driven Roller Holder	8
6	A174 4687	Spring Holder	8
7	AA06 3639	Compression Spring - Driven Roller	8
8	AA14 0727	Lower Shaft - Driven Roller	8
9	AA06 0506	Pressure Spring	8
10	AF02 2089	Driven Roller	8
11	B010 6190	Original Driven Roller	8
12	B010 6189	Driven Roller Sleeve	8
13	B188 6196	Gasket:Guide Plate:Upper Front	1
14	B188 6163	Lever:Un Lock	1
15	5053 0419	Bushing - 10mm	2
16	AA06 6360	Spring:Lock	1
17	B188 6172	Hook:Lever	2
18	AA14 0738	Lock Shaft	1
19	B188 6158	Shadeing Plate:Stay:Upper Front	1
20	AB01 7383	Coupled Gear - 30/30z	2
21	B188 6254	Bracket:Coupling	1
22	AA04 3913	Timing Belt - 207P3M6	1
23	AA06 6349	Coupling Spring	1
24	AA14 3764	Coupling Shaft	1
25	B188 6174	Bracket:Stopper:Hook	1
26	B188 5843	Harness:DC:Operation:Ground Wire	1
27	B188 1465	Sheet:Ground Plate:Operation Sub-unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3014N	Tapping Screw:3x14	
103	0720 0030E	Retaining Ring - M3	
104	0720 0080E	Retaining Ring - M8	
105	0720 0040E	Retaining Ring - M4	
106	1105 0334	Edge - 17	
107	1105 0487	Harness Clamp	
108	1105 0511	Harness Clamp - LWS-0306ZC	
109	0954 3006N	Screw - M3X6	

6.Optical Section 3 (B188)

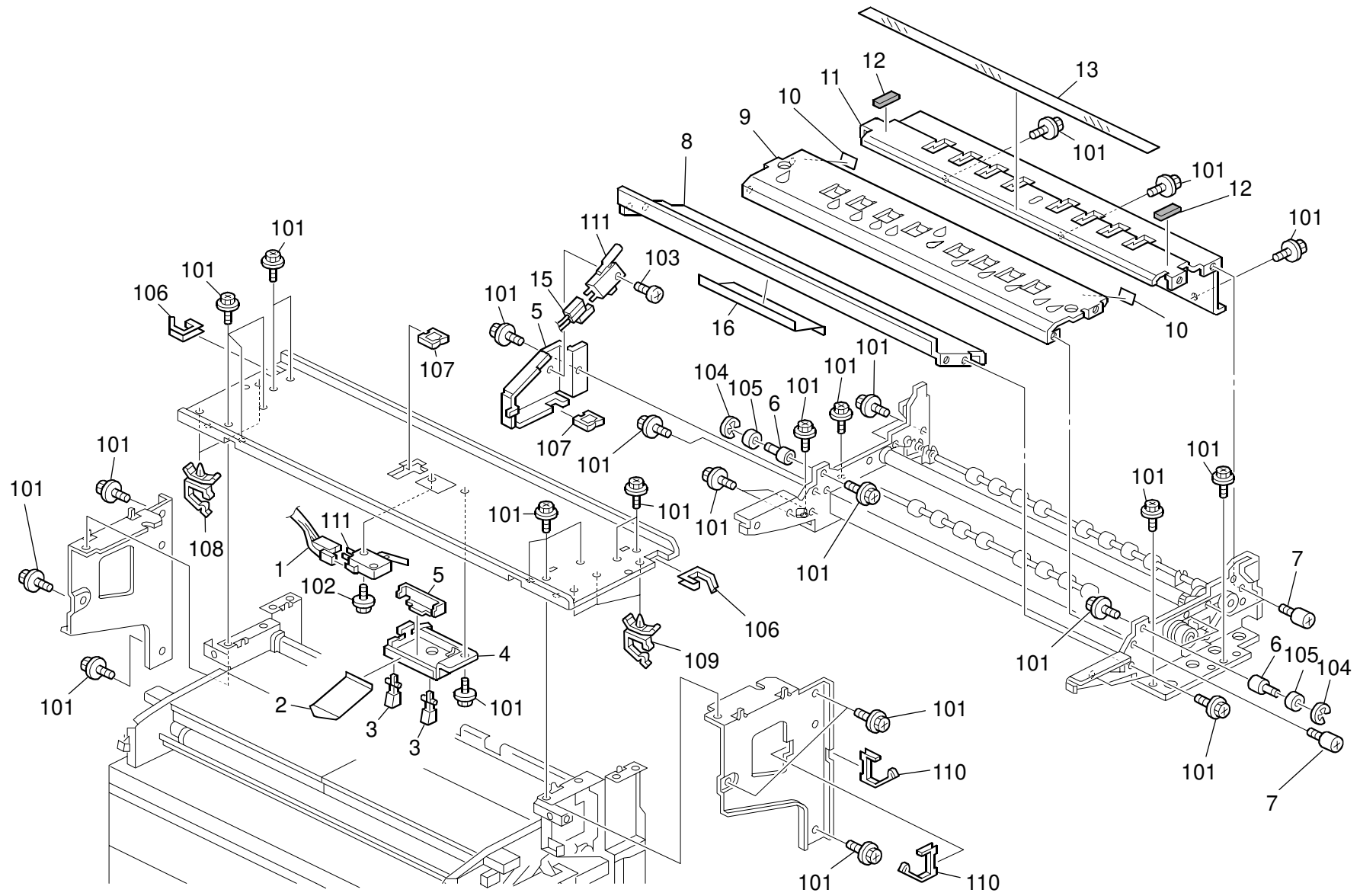


6.Optical Section 3 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 6197	Guide Plate:Rear Upper	1
2	AA16 1033	Cushion - 5x20x1mm	3
3	A174 4741	Driven Roller Holder	8
4	A174 4687	Spring Holder	8
5	AA06 3639	Compression Spring - Driven Roller	8
6	AA14 0727	Lower Shaft - Driven Roller	8
7	AA06 0506	Pressure Spring	8
8	AF02 2089	Driven Roller	8
9	B010 6190	Original Driven Roller	8
10	B010 6189	Driven Roller Sleeve	8
11	B188 6200	Gasket:Guide Plate:Rear Upper:Rear	3
12	A296 6363	Exit Roller Pad	6
13	A296 6366	Driven Exit Roller	6
14	A296 6364	Exit Roller Spring Plate	6
15	A296 6373	Exit Roller Pad	1
16	A296 6372	Exit Roller	1
17	A296 6365	Spring Plate - Exit Roller	1
18	B188 6201	Supporting Plate:Driven Roller	1
19	B188 6159	Shadeing Plate:Stay:Rear Upper	1
20	B188 1650	Contact Image Sensor:A0	1
21	B188 6253	Gasket:Side Plate:Exit	3
22	B188 6167	Gasket:Cis:Rear Lower	1
23	B010 1651	Exposure Glass:CIS	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4006N	Tapping Screw - 4x6	
103	0720 0030E	Retaining Ring - M3	
104	1105 0488	Harness Clamp	
105	1105 0516	Clamp	
106	1105 0489	Harness Clamp - LWS 1316	
107	1105 0462	Harness Clamp	
108	1105 0528	Nylon Clamp - Emt-2n	

7.Optical Section 4 (B188)

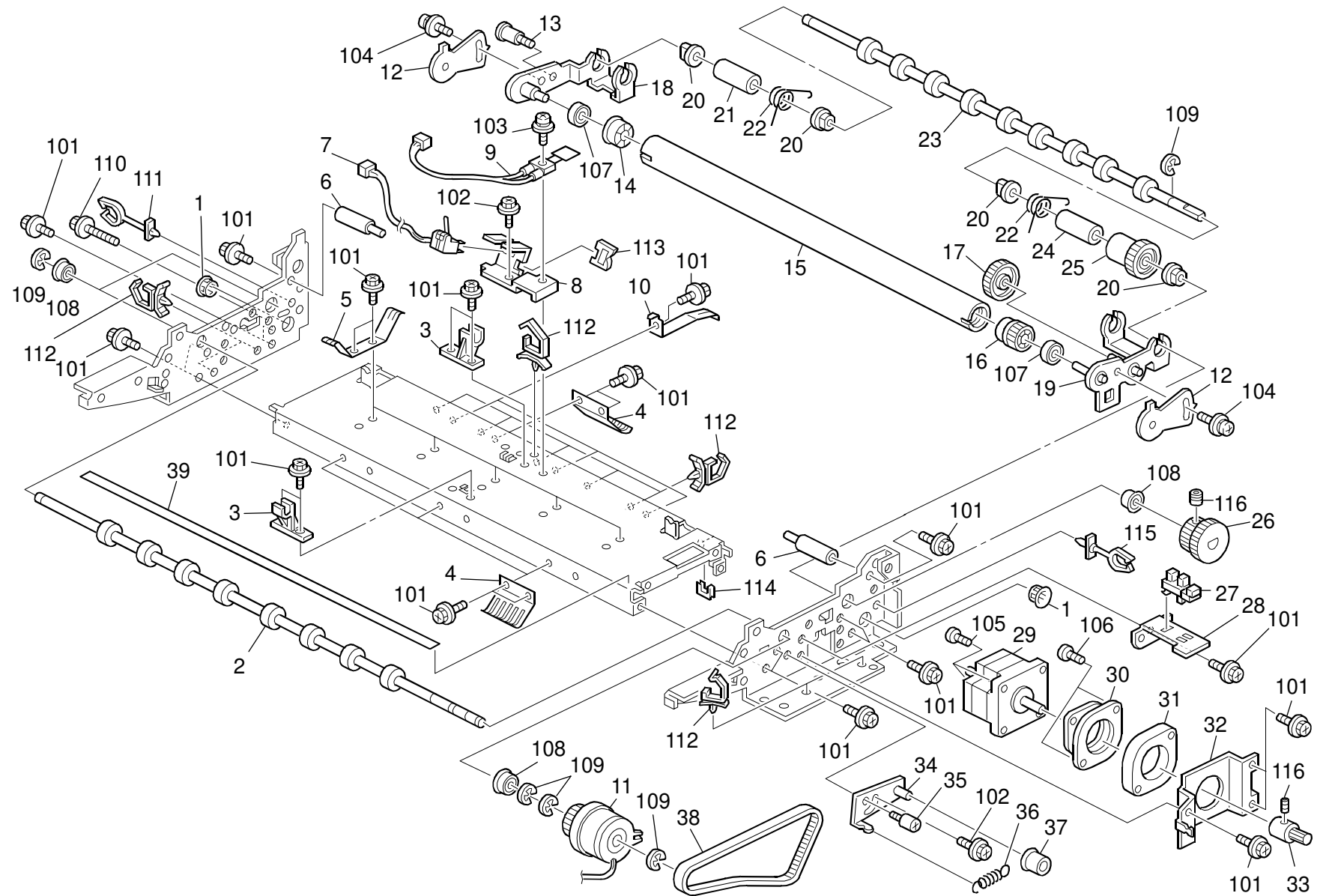


7.Optical Section 4 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 5837	Harness:DC:Paper Exit Unit:Set Sensor	1
2	B188 4467	Guide:Plate:Front	1
3	B188 4463	Guide:Exhaust:Plate	2
4	B188 4462	Cover:Micro Switch:Exit	1
5	B188 6115	Bracket:Micro Switch	1
6	AA14 3765	Lower Shaft - Lock Side Plate	2
7	5410 1291	Pin	4
8	B188 6351	Cover:Scanner:Lower Front	1
9	B188 6456	Guide Plate:Lower Front:NA	1
9	B188 6056	Guide Plate:Lower Front (EU)	1
10	B010 6137	Lower Front Sheet - Guide Plate	2
11	B188 6096	Guide Plate:Lower Rear	1
12	B188 6199	Gasket:Guide Plate:Rear Lower	2
13	A296 6112	Exposure Sheet	1
14	B188 4464	Plate:Guide:Exhaust	1
15	B188 5844	Harness:DC:Scanner:Safety Switch:Connecting	1
16	B188 1396	Film:Cover:Original Table:Lower	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4014N	Tapping Screw:M4x14	
103	0313 0140N	Pan Head Screw:M3x14	
104	0720 0060E	Retaining Ring - M6	
105	0707 8060N	Bushing:Dia8x6	
106	1105 0544	Edge Saddle:LES-2017	
107	1105 0328	Harness Clamp - ES-0505	
108	1105 0487	Harness Clamp	
109	1105 0517	Harness Clamp - LWS-2111Z	
110	1105 0522	Edge Saddle - LES0510	
111	1204 2466	Micro Switch - V-16506-1C25	

8.Optical Section 5 (B188)

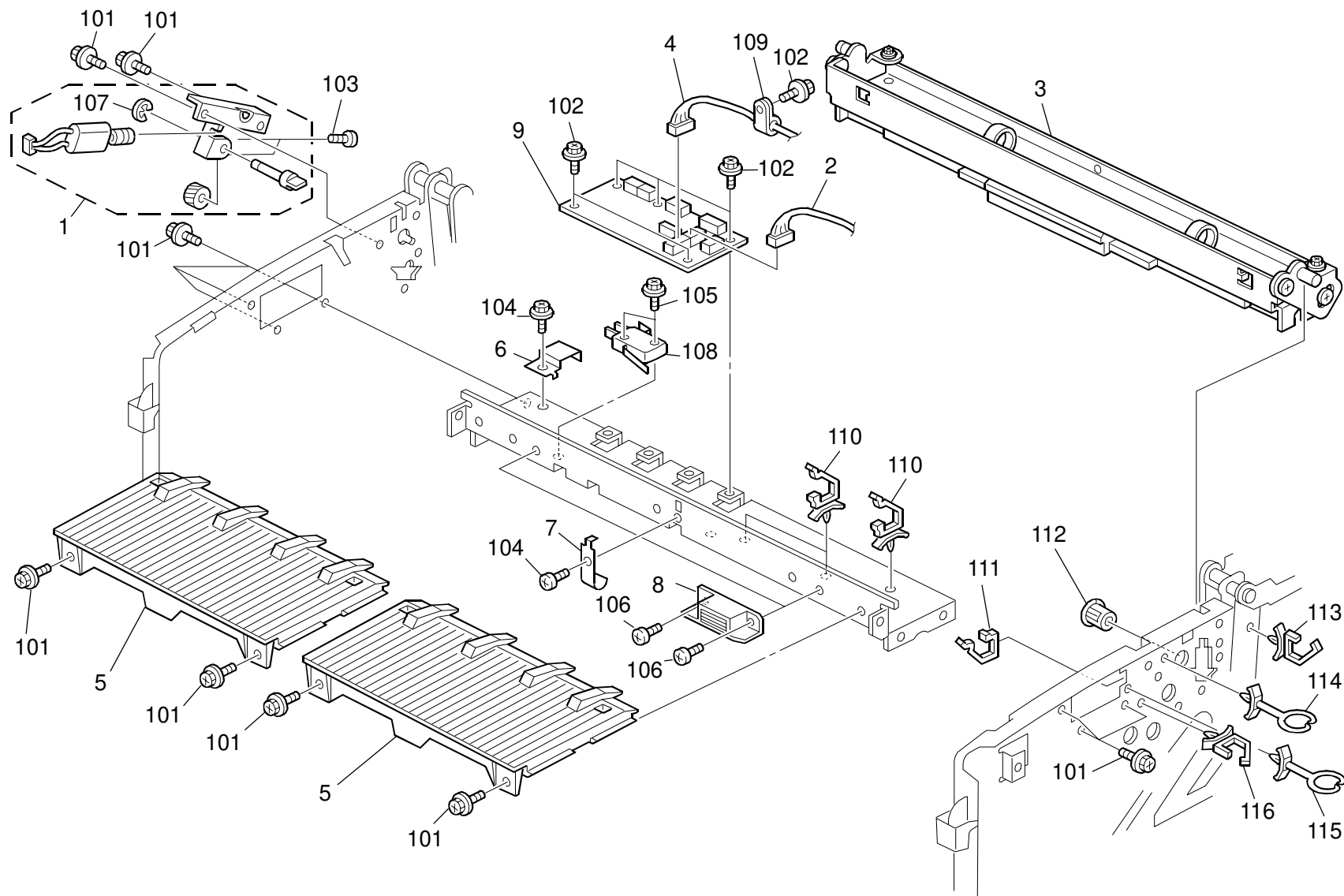


8.Optical Section 5 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G024 1473	Bushing	1
2	AF02 0611	Transport Roller:Original	1
3	A163 6081	Arm Bushing	2
4	A294 1134	Ground Plate - Fusing	4
5	B010 6054	Grounding Plate - Lower Guide Plate	5
6	AA14 3770	Guide Plate Stud	2
7	AW02 0167	Paper Feed Sensor	2
8	B188 6287	Bracket:Paper Feed Sensor	1
9	AW10 0101	Thermistor:Charge	1
10	B010 6055	Grounding Plate - Lower Rear	3
11	AX26 0007	Magnetic Clutch:48t	1
12	B188 4604	Control Plate:Roller:Exposure	2
13	AA14 3139	Shoulder Screw - Pressure Arm	1
14	B188 6110	Holder:Roller:Exposure:Left	1
15	AF02 1056	Platen Roller	1
16	B188 6111	Gear:28z	1
17	AB01 3992	Gear - 28Z	1
18	B188 4600	Arm:Roller:Exposure:Left	1
19	B188 4602	Arm:Roller:Exposure:Right	1
20	5304 1639	Bushing - 8mm	4
21	AA13 2063	Spacer - Spring	1
22	AA06 6361	Spring:Roller:Exposure	2
23	AF02 0534	Original Transport Roller - Rear	1
24	AA13 2210	Exposure Arm Sleeve	1
25	A174 4598	Gear - 28Z	1
26	AB01 7526	Gear Pulley - 38Z/48T	1
27	GW02 0020	Photointerruptor:Lg248nl1	2
28	B188 6108	Bracket:Set Sensor	1
29	B188 6125	Stepper Motor:DC24V 14.4W	1
30	A134 1724	Cushion - Stepper Motor	1
31	B188 6122	Spacer:Stepper Motor	1
32	B188 6123	Bracket:Stepper Motor	1
33	AB03 0675	Timing Pulley - 15	1
34	B188 6126	Tightener	1
35	5918 3120	Stud - M4	9

Index No.	Part No.	Description	Q'ty Per Assembly
36	AA06 6363	Spring:Tightener	1
37	AB03 0098	Belt Tightener	1
38	AA04 3557	Timing Belt - B100S2M434	1
39	B125 3220	Seal:Toner Cartridge:Front	1
101	0451 4008N	Tapping Screw:4x8	
102	0451 3008N	Tapping Screw - M3x8	
103	0313 0140N	Pan Head Screw:M3x14	
104	0951 4006N	Screw:Polished Round:M4x6	
105	0434 0120N	Pan Self-tapping Screw:4x12	
106	0314 0250N	Pan Head Screw:M4x25	
107	0740 3008	Ball Bearing - 8x22x7	
108	0805 3368	Ball Bearing - 8x16x5mm	
109	0720 0060E	Retaining Ring - M6	
110	0451 4020N	Tapping Screw - M4x20	
111	1105 0348	Clamp	
112	1105 0511	Harness Clamp - LWS-0306ZC	
113	1105 0328	Harness Clamp - ES-0505	
114	1105 0522	Edge Saddle - LES0510	
115	1105 0462	Harness Clamp	
116	0575 0050E	Hexagon Headless Set Screw - M5x5	

9.Plotter Section (B188)

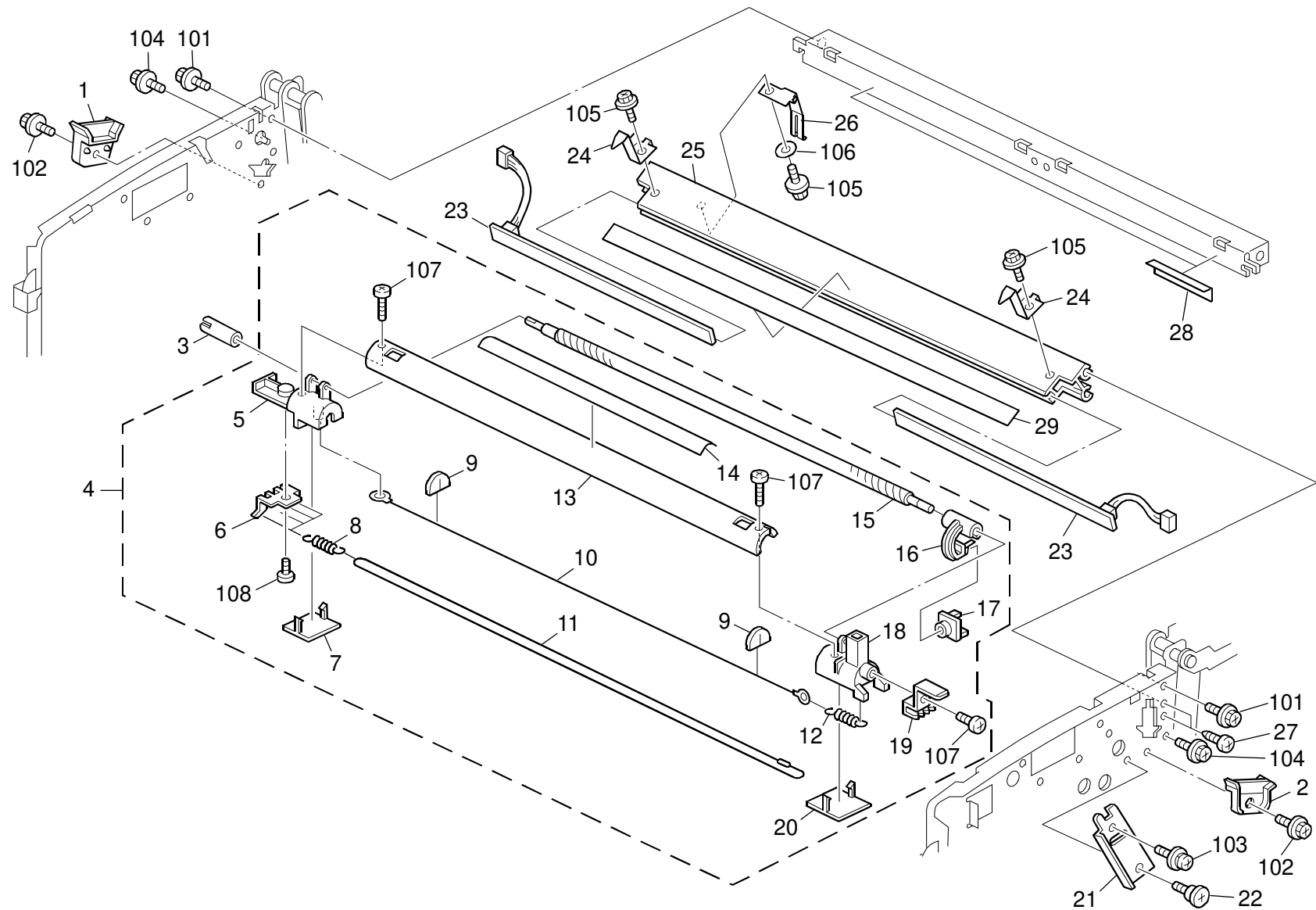


9. Plotter Section (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 2058	DC Motor:DC5V 0.46W:Unit	1
2	B188 5835	Harness:DC:Machine Or Copier:Right	1
3	B188 1862	LED Head:Unit	1
4	B188 5834	Harness:DC:IPU-VDB	1
5	B010 1269	Front Exit Tray	2
6	B010 1962	Spring Plate - LED Head	1
7	B010 1103	Ground Plate	1
8	AG07 0504	Magnet Catch:44.1n	5
9	B188 5260	PCB:VDB	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0252 0020N	Pan Head Screw:M2x2	
104	0802 5282	Tapping Screw - M4x8	
105	0451 4014N	Tapping Screw:M4x14	
106	0434 0080N	Pan Self-tapping Screw:M4x8	
107	0720 0025E	Retaining Ring - M2.5	
108	1204 2466	Micro Switch - V-16506-1C25	
109	1105 0528	Nylon Clamp - EMT-2n	
110	1105 0488	Harness Clamp	
111	1105 0544	Edge Saddle:LES-2017	
112	1106 0411	Bushing - 11.5mm	
113	1105 0517	Harness Clamp - LWS-2111Z	
114	1105 0462	Harness Clamp	
115	1105 0348	Clamp	
116	1105 0487	Harness Clamp	

10.Charge Corona Section (B188)

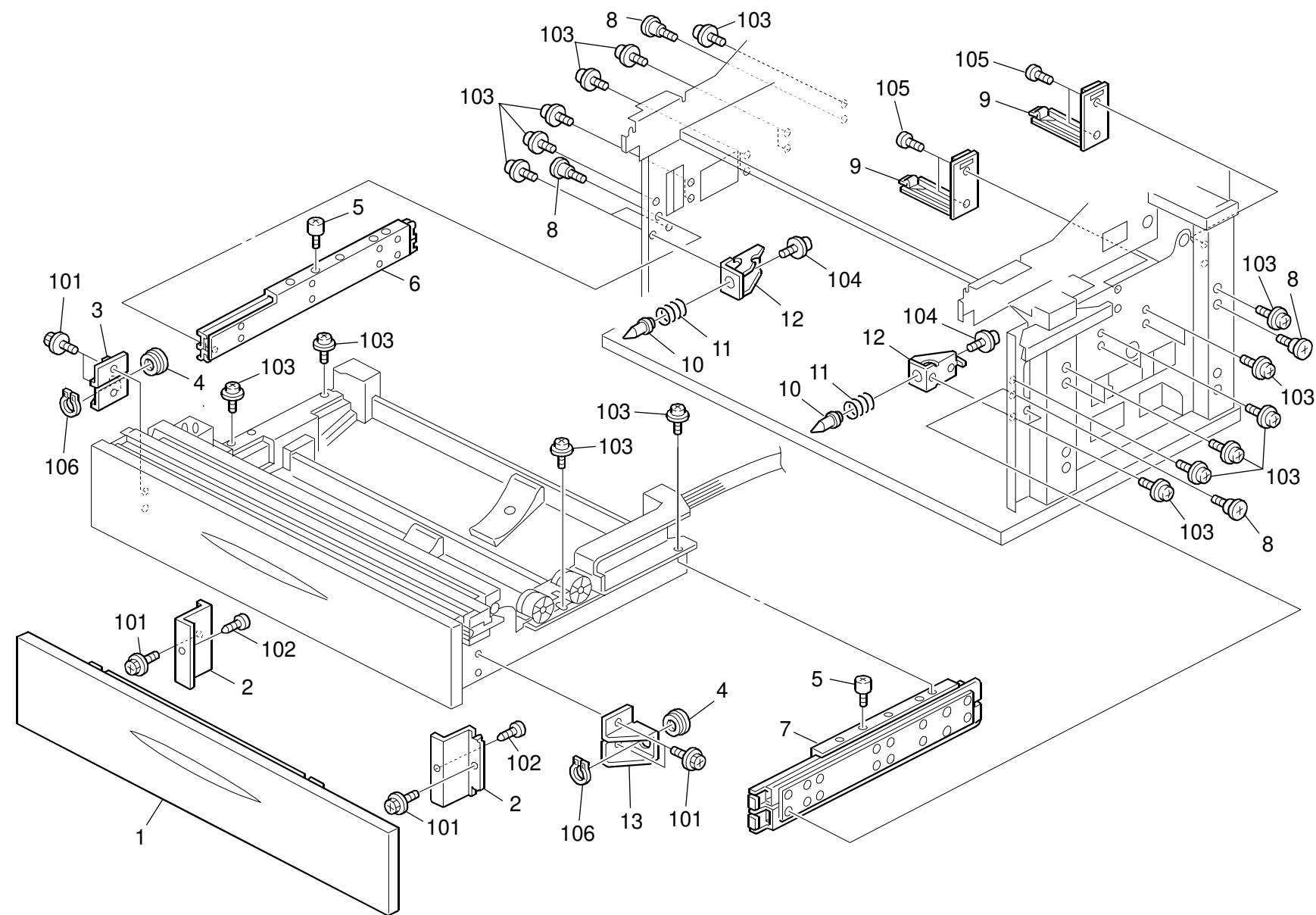


10.Charge Corona Section (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B010 2062	Left Holder - Charge Corona	1
2	B010 2061	Right Holder - Charge Corona	1
3	B010 2065	Screw Shaft Joint	1
4	B188 2074	Charge Corona Unit	1
5	AD02 2374	End Block:Charge Corona:Left	1
6	A163 2052	Left Grid Terminal	1
7	AD02 2317	Left End Block Cover - Charge	1
8	AA06 0749	Spring	4
9	A174 2065	Rubber Damper	2
10	AD02 0089	Charge Corona Wire - G	1
11	AD02 0090	Grid Wire	4
12	AA06 0965	Spring:Corona Wire:Charge	1
13	B010 2069	Charge Corona Casing	1
14	B010 2057	Charge Corona Shield	1
15	B010 2053	Screw Shaft	1
16	A174 2052	Charge Corona Slider	1
17	A174 2053	Cleaner:Charge Corona:Unit	1
18	AD02 2376	End Block:Charge Corona:Right	1
19	B010 2052	Right Grid Terminal	1
20	AD02 2369	End Block Cover - Charge Corona	1
21	B188 1961	Adjust Plate:Front Rear:LED Head	1
22	AA14 3802	Screw:6x1.7	1
23	B188 2016	LED Array:QL:Ass'y	2
24	B010 2055	Spring Plate - Charge Corona	2
25	B010 2011	Discharge Lamp Casing	1
26	B010 2056	Earth Spring Plate	1
27	AA14 3788	Pin:Guide Plate:Paper Feed	14
28	B010 1294	Shielding Plate	2
29	B010 2015	Shielding Plate - Charge Corona	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4006N	Tapping Screw - 4x6	
103	0951 4008N	Screw:Polished Round:M4x8	
104	0451 4010N	Tapping Screw:4x10	
105	0451 3008N	Tapping Screw - M3x8	
106	0807 2089	Washer - 10mm	
107	0313 0050N	Philips Pan Head Screw - M3x5	
108	0971 3005A	Philips Polycarbonate Screw - M3x5	

11.Paper Tray Unit 1 (B188)



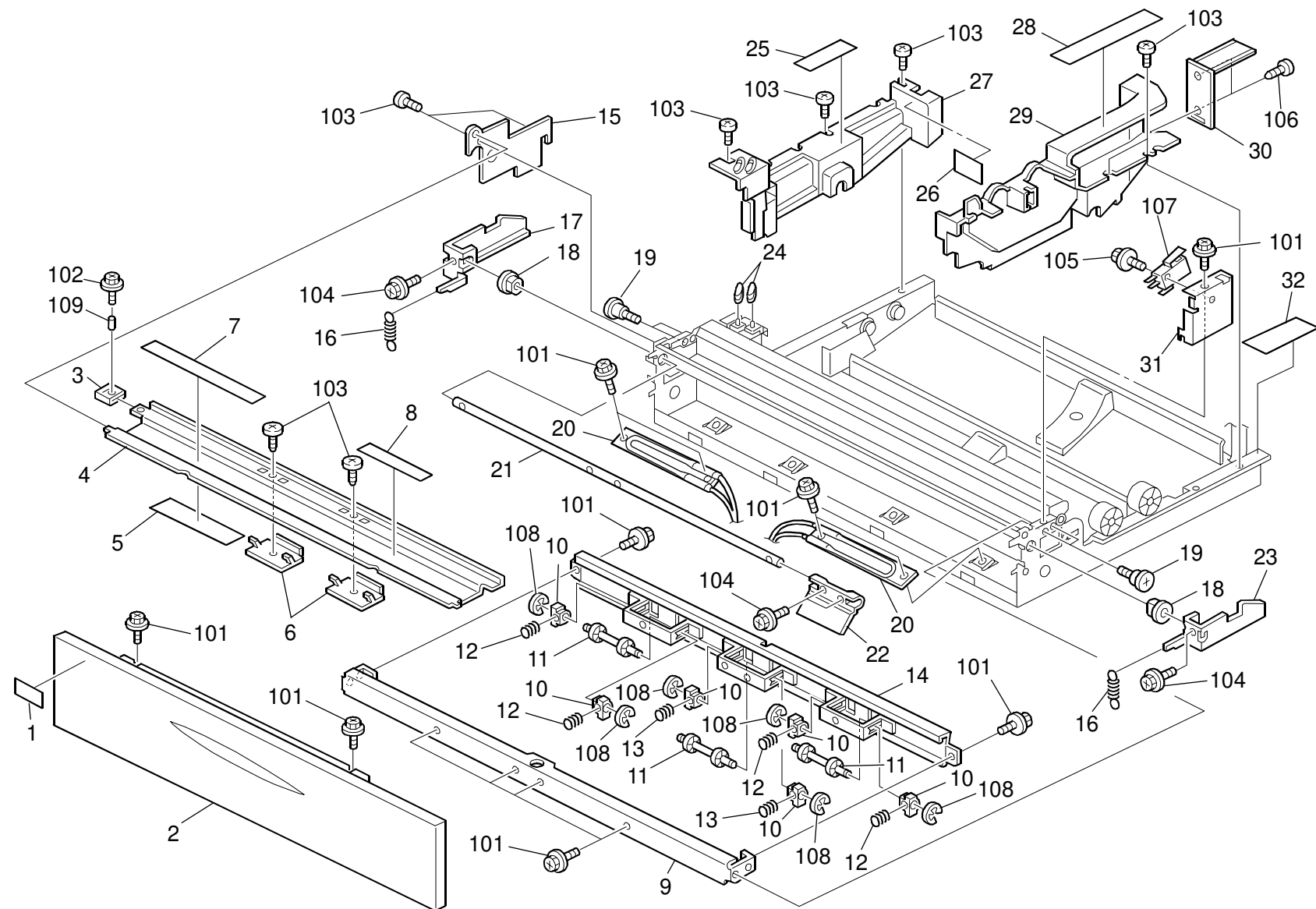
11.Paper Tray Unit 1 (B188)



Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 2930	Cover:Front	2
2	B188 2929	Bracket:Cover:Lower	2
3	B188 2759	Stopper:Left:Upper Paper Feed	1
4	AA08 0049	Bushing - 10x18	2
5	5918 3120	Stud - M4	9
6	B188 2936	Slide Rail:Left:Unit	1
7	B188 2938	Slide Rail:Right:Unit	1
8	AA14 3718	Stepped Screw - M4	8
9	B010 2947	Harness Clamp - FCW-52	4
10	B010 2916	Positioning Pin	2
11	AA06 3612	Compression Spring - Tray Release	2
12	B188 2979	Bracket:Pin	2
13	B188 2760	Stopper:Right:Upper Paper Feed	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0452 4008N	Tapping Screw:M4x8	
103	0951 4006N	Screw:Polished Round:M4x6	
104	0954 5010N	Screw:Polished Round/Spring:M5x10	
105	0453 3006N	Tapping Screw - M3x6	
106	0725 0140E	Retaining Ring (C Type) - M14	

12.Paper Tray Unit 2 (B188)

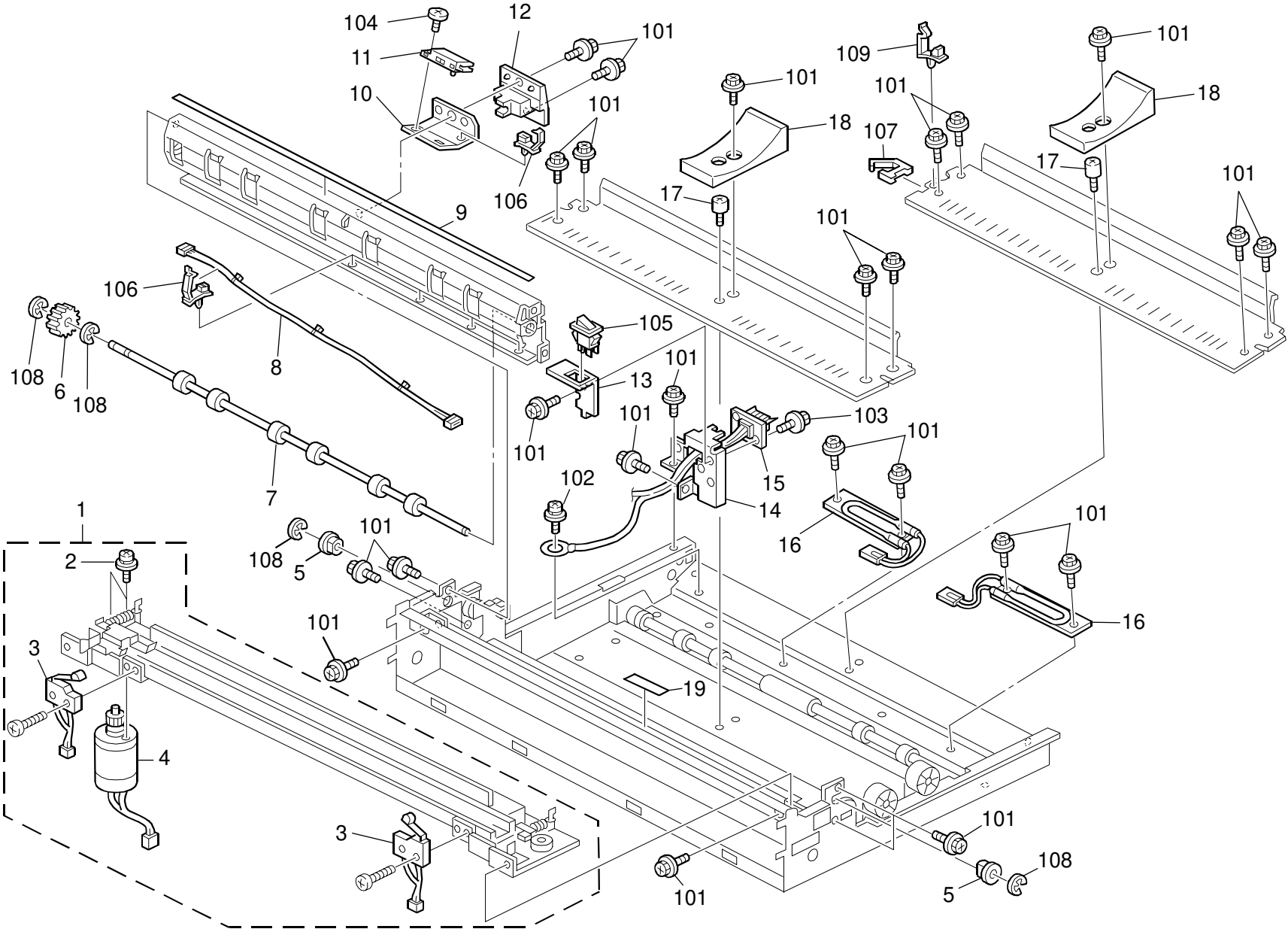


12.Paper Tray Unit 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B010 2845	Decal - Paper Tray Display	1
2	B188 2930	Cover:Front	2
3	A353 2243	Lever Knob	1
4	B188 2704	Holder:Roll Paper	1
5	B188 2823	Decal:Roll Paper:Caution Chart:NA	1
6	B010 2717	Exit Guide Roller	2
7	B188 2835	Decal:Operate:Roll Paper:1	1
8	B188 2841	Decal:Operate:Roll Paper:2	1
9	B188 2716	Stay:Guide Plate:Exit	1
10	AA08 0203	Bushing - 6mm	6
11	AF02 2034	Exit Roller	3
12	AA06 3122	Exit Roller Spring	4
13	AA06 0974	Spring:Pressure:Brush Roller	2
14	B188 2710	Guide Plate:Exit:Outer:Peen	1
15	B188 2773	Cover:Cutter Unit:Left	1
16	5403 1030	Tension Spring	2
17	B188 2896	Lever:Lock:Left	1
18	5053 0223	Bushing - 8mm	14
19	AA14 3718	Stepped Screw - M4	8
20	AX40 0188	Heater:120V:13W	1
20	AX40 0189	Heater:230V:13W	1
21	B010 2902	Lever Shaft	1
22	B010 2900	Grip Lever	1
23	B188 2898	Lever:Lock:Right	1
24	B010 2978	Keytop	2
25	B188 2824	Decal:Operate:Holder:EXP	1
26	B188 2846	Decal:Dehumidifier:Switch	1
27	B010 2930	Left Inner Cover	1
28	B010 2842	Decal - Paper Hodler Operate	1
29	B010 2932	Right Inner Cover	1
30	B010 2947	Harness Clamp - FCW-52	4
31	B188 2705	Bracket:Micro Switch	1
32	B010 2827	Right Sheet - Side Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0454 3008Q	Tapping Screw:3x8	
103	0453 4008N	Binding Self Tapping Screw:4x8	
104	0451 4010N	Tapping Screw:4x10	
105	0451 3014N	Tapping Screw:3x14	
106	0452 3010N	Binding Self-tapping Screw:3x10	
107	1204 2466	Micro Switch - V-16506-1C25	
108	0720 0040E	Retaining Ring - M4	
109	0707 4020N	Bushing:Dia4x2	

13.Paper Tray Unit 3 (B188)

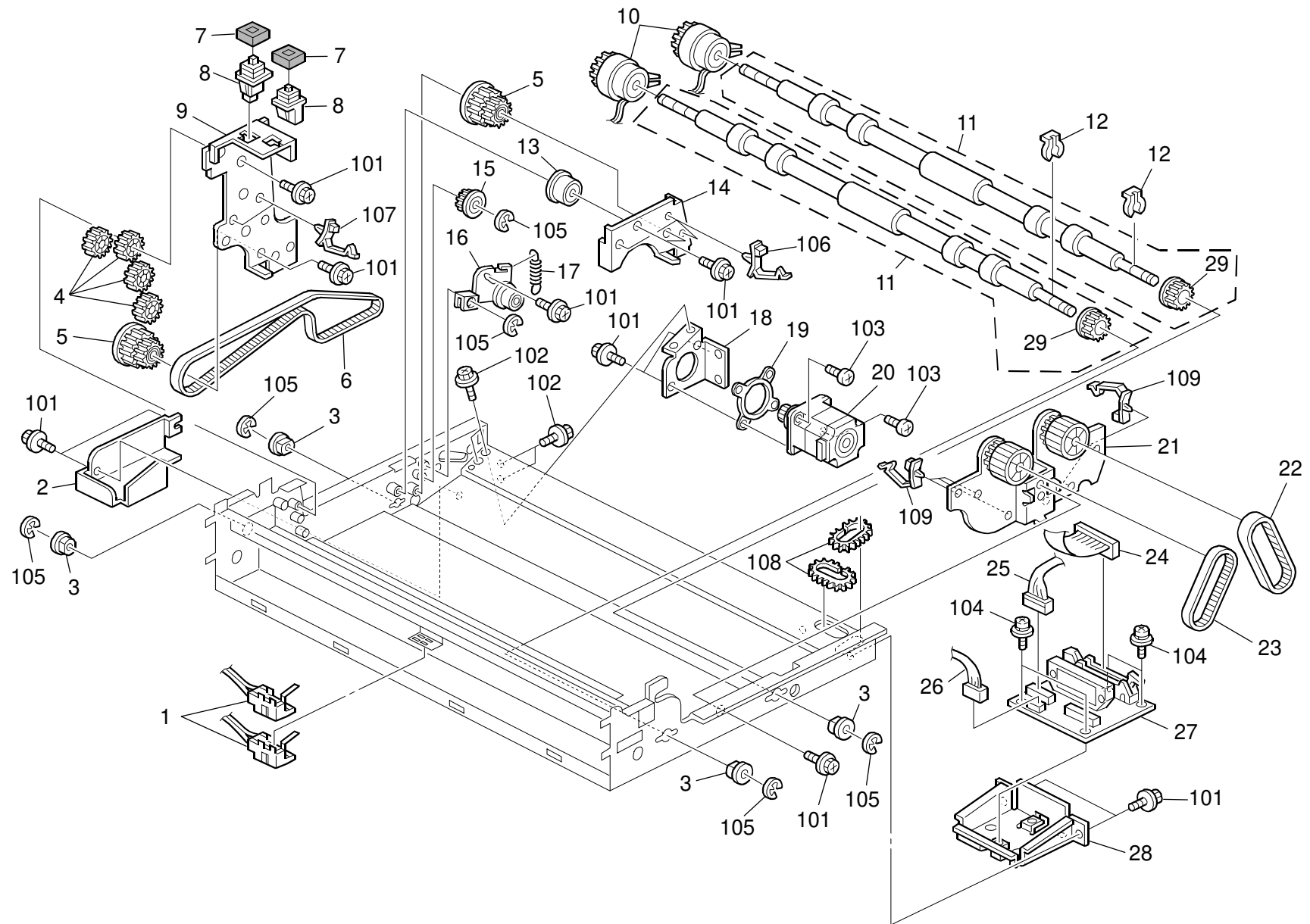


13.Paper Tray Unit 3 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 2923	Cutter Unit	1
2	A571 7700	Screw:Spring Washer:M2.6x5	2
3	B188 2844	Micro Switch:Dolphin:Ass'y	2
4	B188 2854	DC Motor:DC24V 7.18W	1
5	5053 0223	Bushing - 8mm	14
6	AB01 1413	Drive Gear - 27z	2
7	AF02 0525	Exhaust Drive Roller	1
8	B188 5832	Harness:DC:Upper Paper Feed	1
9	B010 2826	Decal - Paper Size	1
9	B010 2846	Decal - Paper Size Indication	1
10	B188 2724	Guide Plate:Photo Refiection Sensor	1
11	AW01 0111	Paper Feed Sensor	1
12	B010 2726	Roller Guide Plate	1
13	B188 2820	Bracket:Rocker Switch	1
14	B188 2950	Bracket:Connector:Tray	1
15	B188 5767	Harness:Upper Paper Feed	1
16	AX40 0188	Heater:120V:13W	3
16	AX40 0189	Heater:230V:13W	3
17	5918 3120	Stud - M4	9
18	B641 2794	Holder:Paper Holder:Middle	2
19	AA00 0646	Decal:Cutter:Caution Chart:EXP	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0950 4006N	Screw:Spring Washer:M4x6	
103	0451 4010N	Tapping Screw:4x10	
104	0353 0120N	Screw M3x12	
105	1204 2499	Switch:AC250V/10A	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0522	Edge Saddle - LES0510	
108	0720 0060E	Retaining Ring - M6	
109	1105 0516	Clamp	

14. Paper Tray Unit 4 (B188)

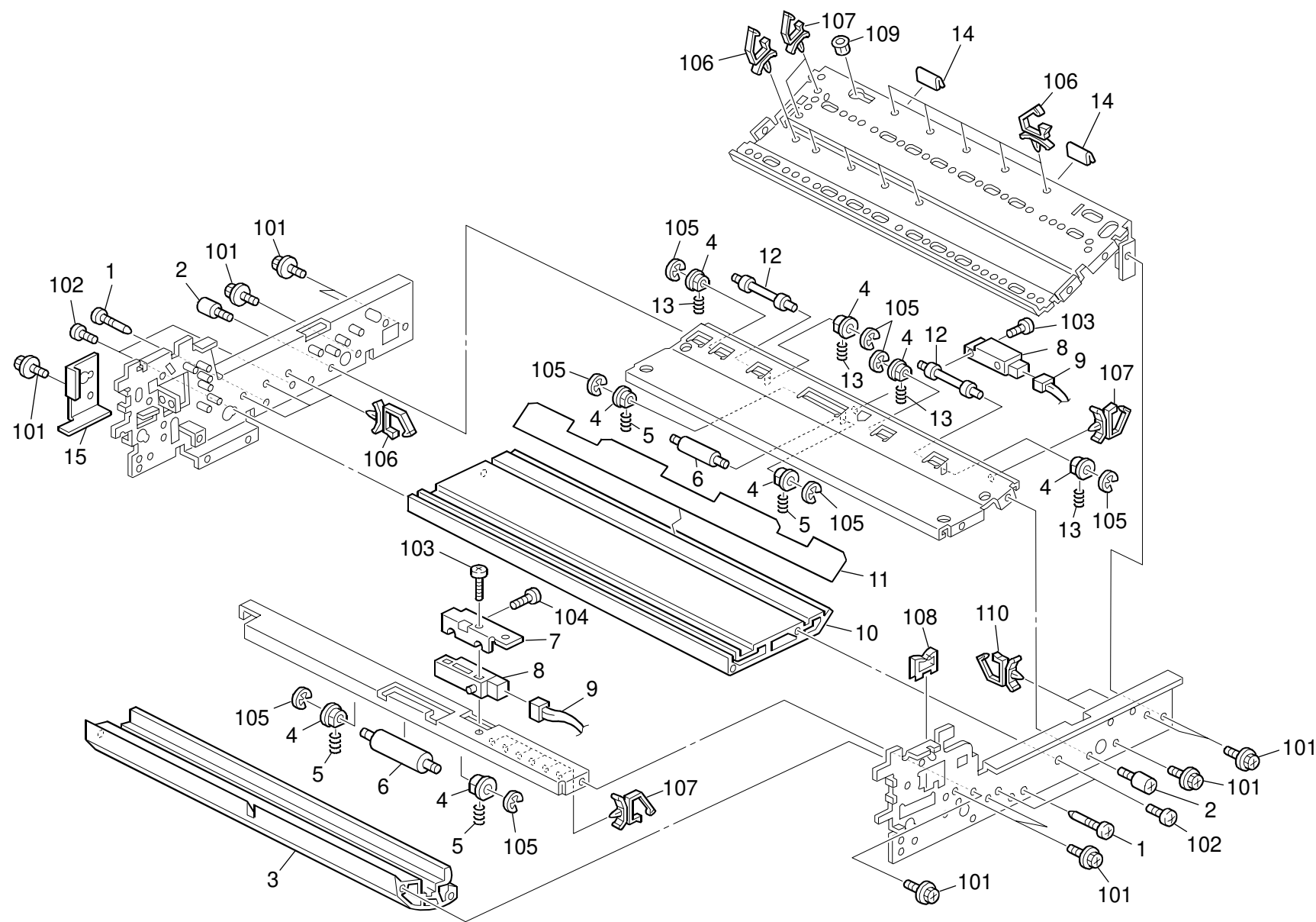


14.Paper Tray Unit 4 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AW02 0168	Paper Feed Sensor	3
2	B188 2816	Cover:Motor	1
3	5053 0223	Bushing - 8mm	14
4	AB01 1412	Gear - 36Z	4
5	AB01 7527	Gear Pulley - 37Z/40T	2
6	B010 2856	Timing Belt - 954	1
7	B010 2979	Switch Plate	2
8	AW50 0012	Push Switch	2
9	B188 2878	Stay:Upper	1
10	AX21 0091	Registration Clutch	3
11	B188 2733	Feed Roller:Unit	2
12	5215 2621	Snap Ring - M6	5
13	AB03 0677	Pulley - 23MM	1
14	B188 2880	Stay:Inner Back	1
15	AB03 0678	Timing Pulley - 25T	1
16	B188 2868	Tightener	1
17	AA06 0854	Tightener Spring	1
18	B188 2876	Bracket:Motor	1
19	B188 2579	Motor Cushion	1
20	AX06 0295	Stepper Motor:MM56:DC24V 14.8W	1
21	B188 2968	Bracket:Knob	1
22	B010 2966	Timing Belt - S2M 334	1
23	B010 2964	Timing Belt - S2M 252	1
24	B188 5818	Harness:DC:Motor:Paper Feed:Upper	1
25	B188 5839	Harness:DC:Upper Paper Feed	1
26	B188 5787	Harness:Siro-sikan-kenti	1
27	B188 5450	PCB:RFDB	1
28	B188 2943	Guide Plate:Base:Tray	1
29	AB03 0679	Timing Pulley - 32T	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4010N	Tapping Screw:4x10	
103	0453 4008N	Binding Self Tapping Screw:4x8	
104	0951 3006N	Screw - M3X6	
105	0720 0060E	Retaining Ring - M6	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0516	Clamp	
108	1106 0493	Edging	
109	1105 0487	Harness Clamp	

15.Paper Tray Unit 5 (B188)

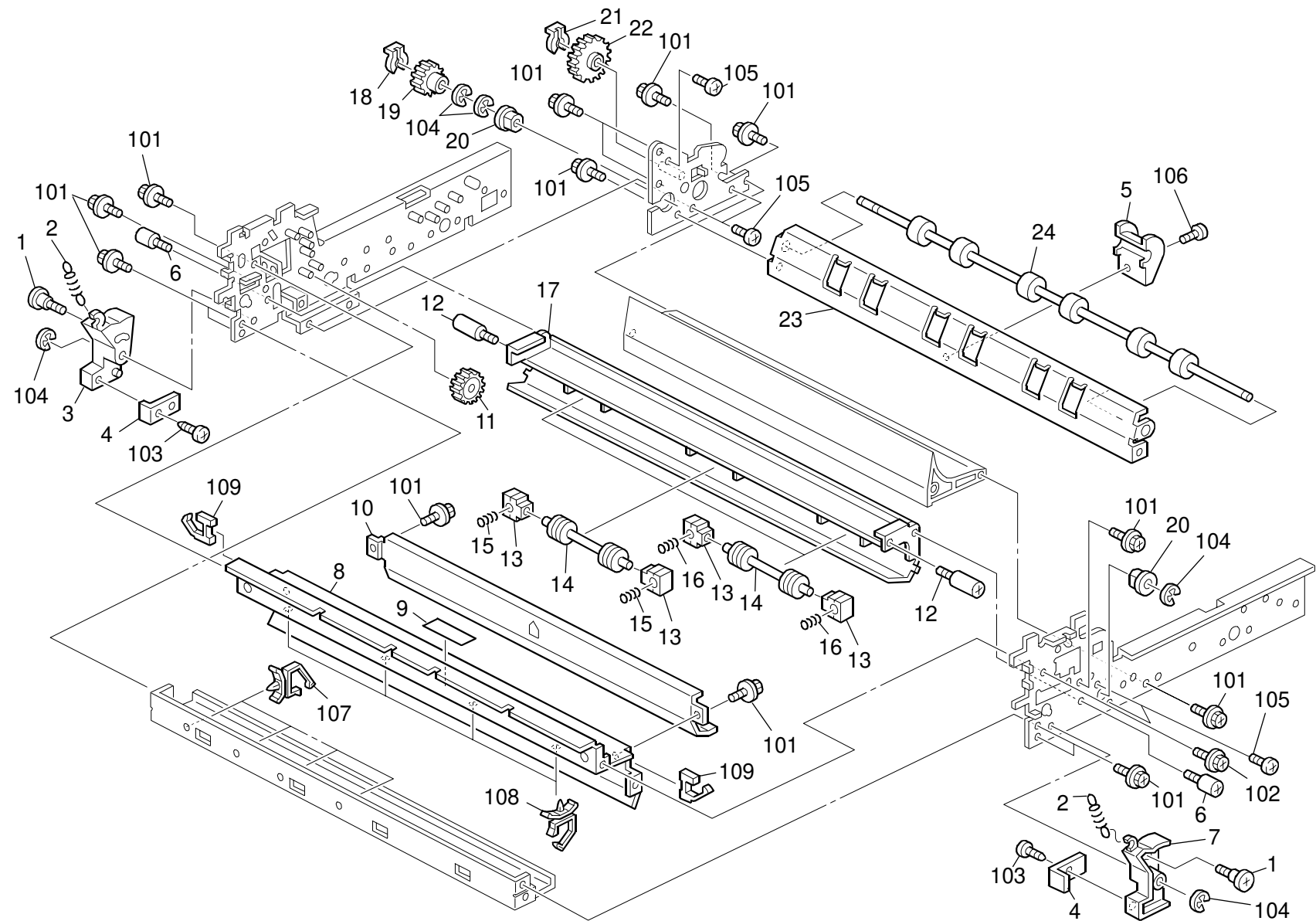


15.Paper Tray Unit 5 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3788	Pin:Guide Plate:Paper Feed	14
2	5918 3120	Stud - M4	9
3	B188 2768	Guide Plate:Connecting:Upper	1
4	AA08 0037	Bushing - 6mm	8
5	AA06 0975	Spring:Middle:Pressure	4
6	AF02 0108	Paper Feed Roller - Middle	2
7	B188 2798	Bracket:Paper Feed Sensor	1
8	AW01 0110	Paper Feed Sensor	3
9	B188 5786	Harness:Paper End Sensor	2
10	B010 2756	Front Base	1
11	B188 2865	Guide:Feed Roller:Exit	1
12	AF02 0109	Paper Feed Roller - Side	2
13	AA06 6368	Spring - Exit	8
14	B188 6196	Gasket:Guide Plate:Upper Front	1
15	B188 2786	Cover:Drive:Front Left	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0453 4010N	Binding Self Tapping Screw:4x10	
103	0353 0140N	Screw:M3x14	
104	0353 0120N	Screw M3x12	
105	0720 0040E	Retaining Ring - M4	
106	1105 0516	Clamp	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0329	Clamp - ES-0510	
109	1106 0411	Bushing - 11.5mm	
110	1105 0487	Harness Clamp	

16.Paper Tray Unit 6 (B188)

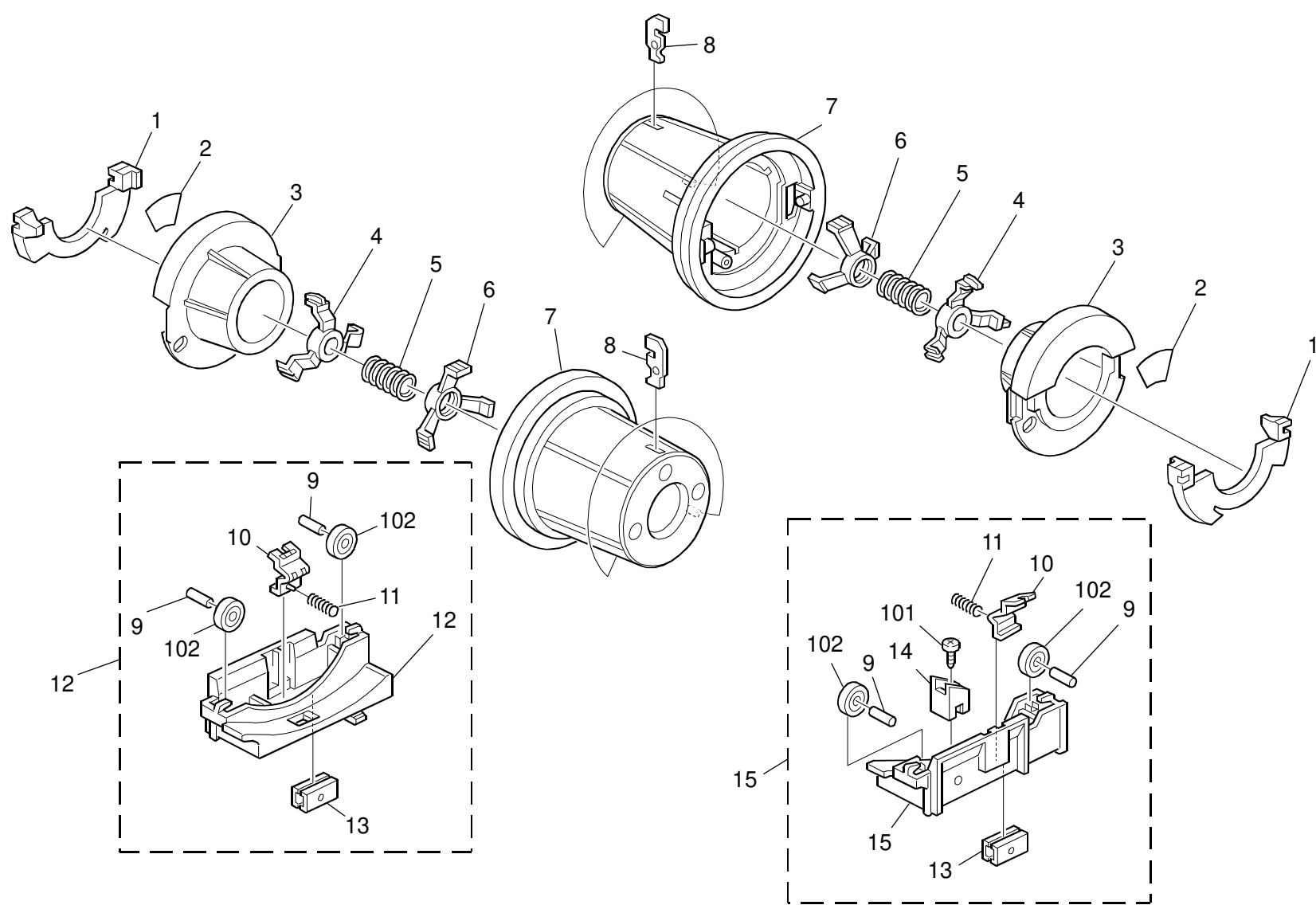


16.Paper Tray Unit 6 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5447 1778	Stepped Screw - M4	2
2	AA06 0981	Spring:Tightener	2
3	B188 2718	Release Plate:Left	1
4	B188 2735	Guide:Release Plate	2
5	B188 2726	Holder:Roller	1
6	5918 3120	Stud - M4	9
7	B188 2719	Release Plate:Right	1
8	B188 2720	Guide Plate:Upper Front	1
9	AA00 0646	Decal:Cutter:Caution Chart:EXP	1
10	B188 2740	Guide Plate:Upper:Peen	1
11	AB01 2040	Gear:32z	1
12	AA14 3347	Lever Stopper Shaft	2
13	AA08 2135	Bushing - DIA4	6
14	AF02 2128	Transport Driven Roller	3
15	AA06 6368	Spring - Exit	1
16	AA06 0970	Spring:Coating Bar:Pressure	4
17	B188 2715	Guide Plate:Lower Front	1
18	5215 2621	Snap Ring - M6	5
19	AB01 1413	Drive Gear - 27z	2
20	5053 0223	Bushing - 8mm	14
21	5447 2681	Snap Ring	6
22	B039 1192	Gear - 57Z	1
23	B188 2772	Guide Plate:Connecting:Front	1
24	B188 2736	Roller:Connecting:Drive	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0802 5282	Tapping Screw - M4x8	
103	0453 4008N	Binding Self Tapping Screw:4x8	
104	0720 0060E	Retaining Ring - M6	
105	0453 4010N	Binding Self Tapping Screw:4x10	
106	0453 3008N	Binding Self Tapping Screw:3x8	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0516	Clamp	
109	1105 0522	Edge Saddle - LES0510	

17.Paper Tray Unit 7 (B188)

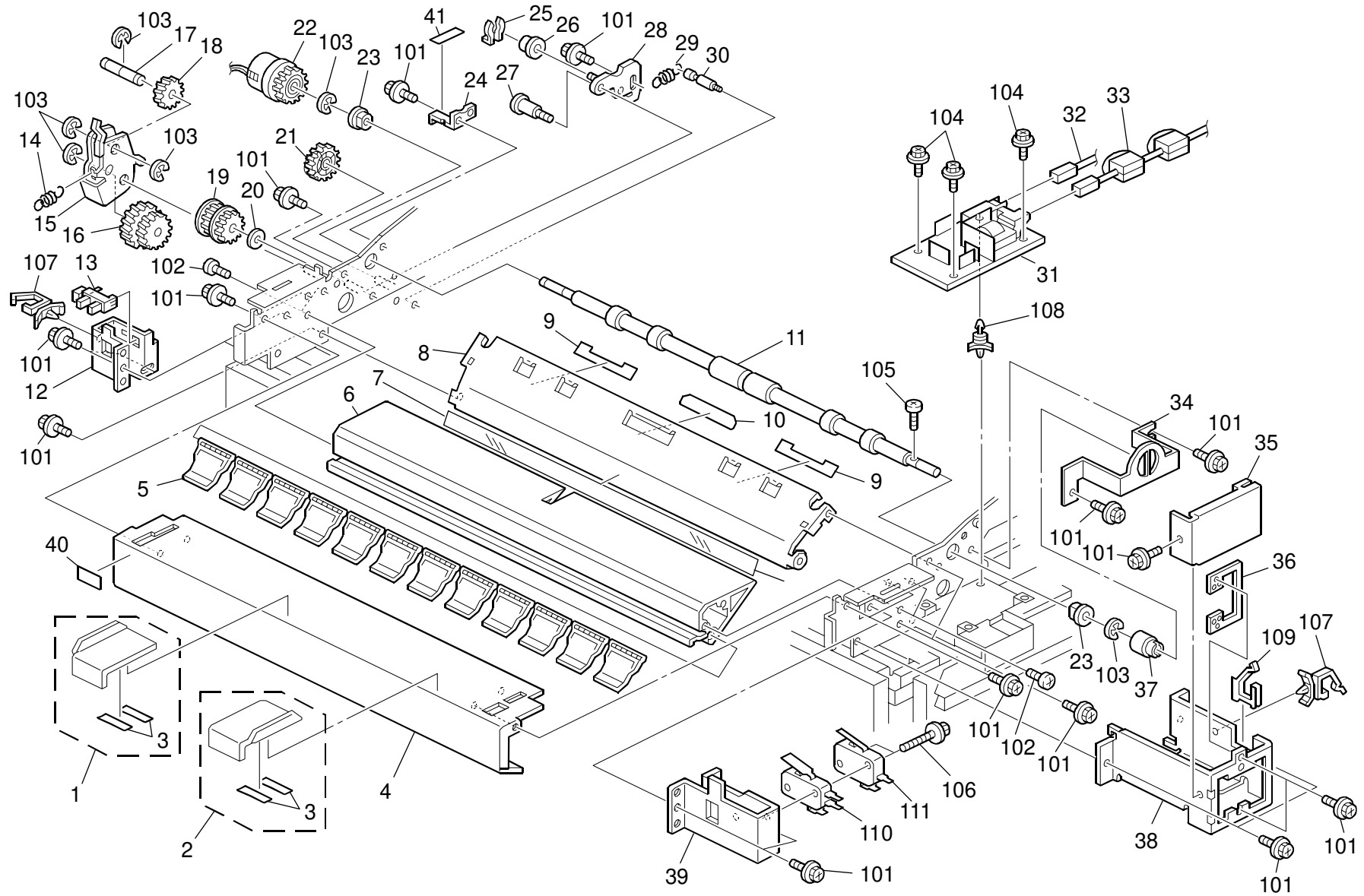


17.Paper Tray Unit 7 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B353 2773	Paper Holder Lock Lever	4
2	B353 2778	Decal - Paper Holder Chart	4
3	B353 2772	Paper Holder Stopper	4
4	B353 2774	Arm Stopper Pawl	4
5	B353 2776	Lock Compression Spring	4
6	B353 2777	Upper Arm Stopper Pawl	4
7	B353 2771	Roll Paper Holder	4
8	B353 2775	Paper Holder Pawl	12
9	B353 2765	Roller Shaft	8
10	B353 2766	Paper Holder Brake	4
11	B353 2767	Brake Compression Spring	4
12	B188 2808	Holder:Left	2
13	AG07 0514	Magnet Catch	4
14	B353 2768	Positioning Plate	2
15	B188 2810	Holder:Right	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3010N	Binding Self-tapping Screw:3x10	
102	0740 3008	Ball Bearing - 8x22x7	

18. Paper Registration 1 (B188)



18.Paper Registration 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 2618	Side Fence:Left:Unit	1
2	B188 2588	Side Fence:Right:Unit	1
3	B010 2617	Magnetic:Side Fence	4
4	B188 2603	Guide Plate:Manual Feed:Lower	1
4	B188 2604	Guide Plate:Manual Feed:Lower:NA	1
5	A174 3861	Guide Plate	12
6	B188 2572	Guide Plate:Middle	1
7	B010 2566	Connectiong Guide	1
8	B188 2562	Guide Plate:Lower	1
9	A163 2612	End Manual Feed Sheet	2
10	A163 2610	Middle Manual Feed Sheet	1
11	AF02 0613	Registration Roller	1
12	B188 1111	Bracket:Latch:Left	1
13	GW02 0020	Photointerruptor:Lg248n1	2
14	AA06 0968	Spring:Lever:Lock	1
15	B188 1158	Bracket:Coupling:Development	1
16	AB01 7529	Gear - 12Z/28Z	1
17	AA14 8602	Development Shaft	1
18	B010 1143	Gear - 28Z	1
19	AB01 7694	Gear Pulley:17z/50t	1
20	AA13 2111	Spacer - 8x12x0.5	1
21	AB01 1414	Idler Gear - 52z	1
22	AX21 0091	Registration Clutch	3
23	5053 0223	Bushing - 8mm	14
24	B188 1144	Stopper:Magnetic Clutch	1
25	5447 2681	Snap Ring	6
26	G020 4444	Tightener	4
27	AA14 3545	Screw:M4	3
28	B188 1160	Tightener:Drive:Development	1
29	AA06 0969	Spring:Pressure Release	3
30	AA14 3546	Anchor:Cassette Sensor	1
31	B188 5730	Power Pack:TD	1
32	B188 5771	Harness:High Voltage:Transfer	1
33	B188 5780	Harness:High Voltage:Separation	1
34	B188 2848	Bracket:Torque Limiter	1

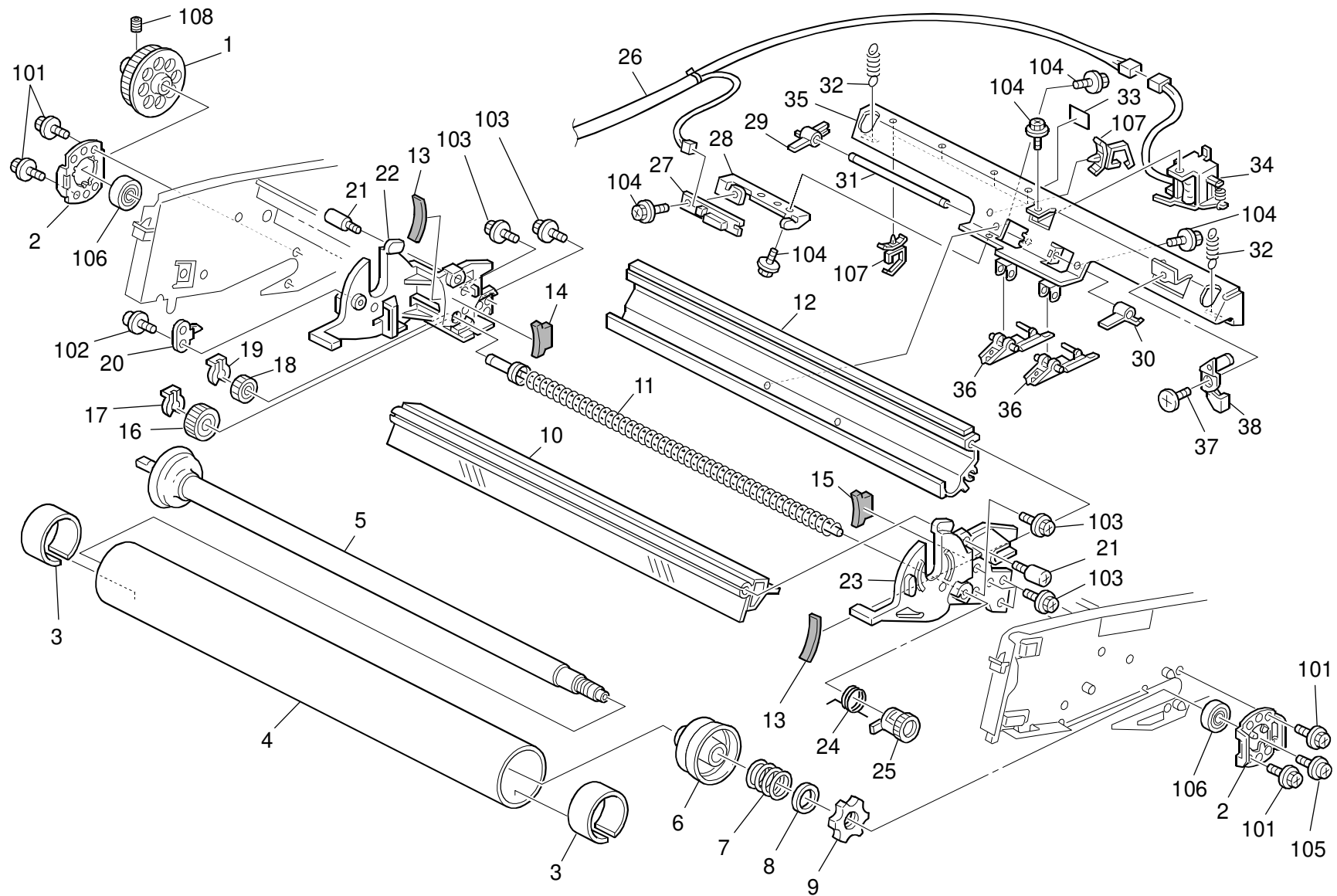
Index No.	Part No.	Description	Q'ty Per Assembly
35	B188 1273	Cover:Key Counter	1
36	B188 1286	Plate Nut:Key Counter	1
37	A222 2680	Torque Limiter	1
38	B188 1272	Bracket:Key Counter	1
39	B188 1110	Bracket:Latch:Right	1
40	B070 1357	Decal:Power Source:Off:NA	1
41	B188 2742	Guard:Collar:Brake	1
101	0451 4008N	Tapping Screw:4x8	
102	0453 4010N	Binding Self Tapping Screw:4x10	
103	0720 0060E	Retaining Ring - M6	
104	0451 3006N	Tapping Screw - 3x6	
105	0801 0228	Pan Head Screw:M2.3x12	
106	0451 3025N	Tapping Screw:M3x25	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0192	Locking Support	
109	1105 0518	Edge Saddle - LES-1010	
110	1204 2466	Micro Switch - V-16506-1C25	
111	1204 2510	Micro Switch	

19.Paper Registration 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 1274	Bracket:Main Switch	1
2	B188 5782	Harness:AC:Machine Or Copier:NA	1
2	B188 5783	Harness:AC:Machine Or Copier:EU	1
3	AA14 3719	Development Unit Shaft	4
4	B188 1285	Guard:Main Switch	1
5	AA14 3788	Pin:Guide Plate:Paper Feed	14
6	AA06 3279	Spring	4
7	A163 2569	Paper Feed Bushing	6
8	A163 2576	Driven Roller - Guide Plate	2
9	B188 2575	Guide Plate	2
10	AA06 3427	Spring:9.8n	2
11	A163 2560	Driven Roller	1
12	B188 2573	Middle Guide Plate	1
13	AW02 0168	Paper Feed Sensor	3
14	A163 2562	Feeler Bracket	1
15	AA06 6255	Feeler Spring	1
16	A163 2577	Registration Sensor Feeler	1
17	B188 5889	Ground Wire:Registration	1
18	B188 2622	Spacer:Registration Guide	2
19	B188 5813	Harness:DC:Registration Sensor	1
20	AW02 0139	Paper Feed Sensor	1
21	B188 2620	Stay:Registration Guide	1
22	B188 2571	Control Plate:Roller:Driven	1
23	B188 3827	Stay:Pre-transfer Lamp	1
24	B188 1952	Duct:Vacuum	2
25	AA15 3452	Fan Shield	2
26	B188 5784	Harness:High Voltage:Charge Corona	1
27	B188 5772	Harness:High Voltage:Development	1
28	B188 5773	Harness:High Voltage:Grid	1
29	B188 5735	Power Pack:CGB	1

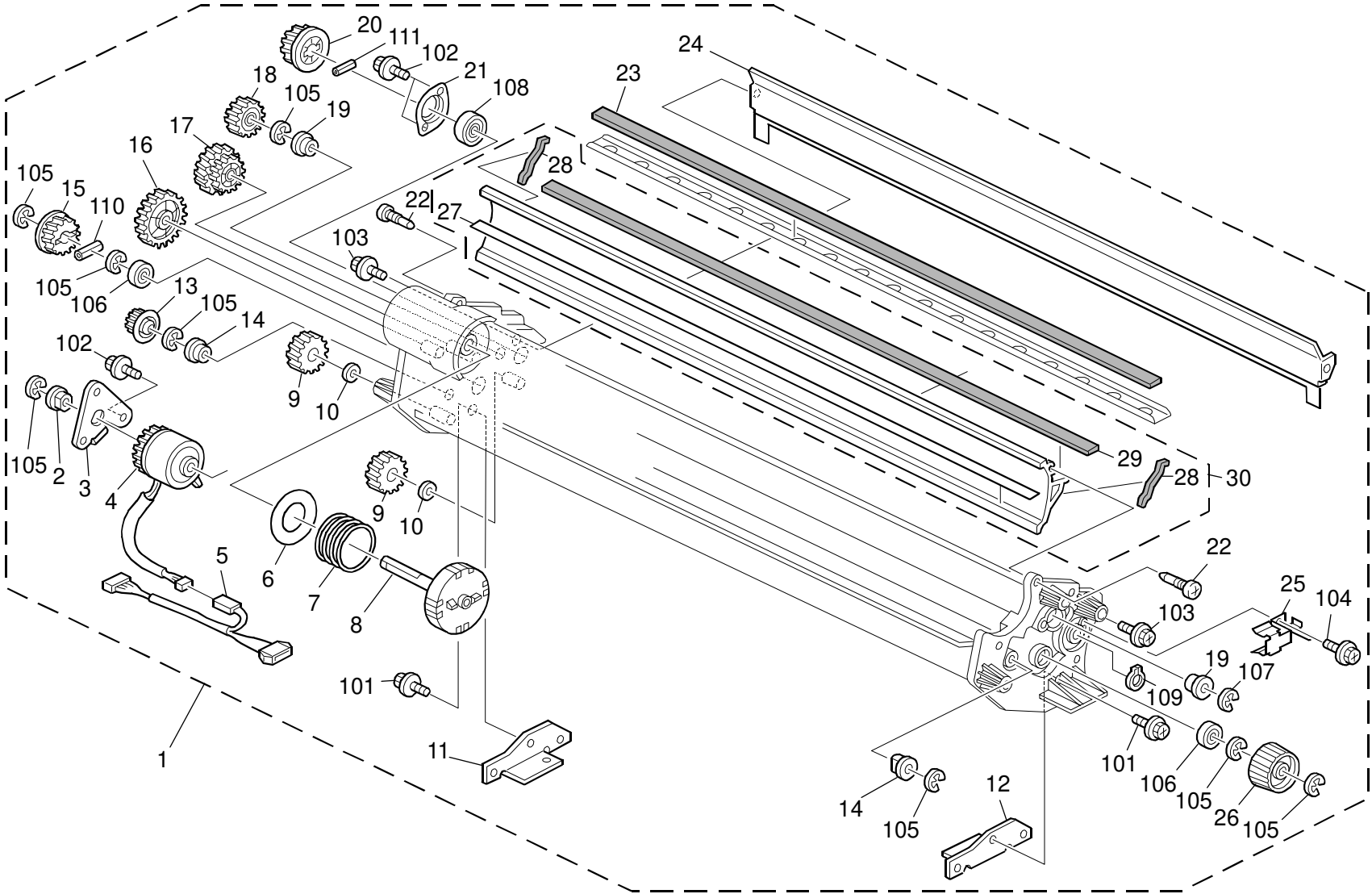
Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0954 5010N	Screw:Polished Round/spring:M5x10	
103	0453 3010N	Binding Self Tapping Screw:3x10	
104	0951 3006N	Screw - M3X6	
105	0451 3006N	Tapping Screw - 3x6	
106	1105 0199	Clamp	
107	1105 0516	Clamp	
108	1105 0194	PCB Stud	
109	1204 2468	Switch - AC250/16A	

20.PCU (B188)



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21.Development Unit 1 (B188)

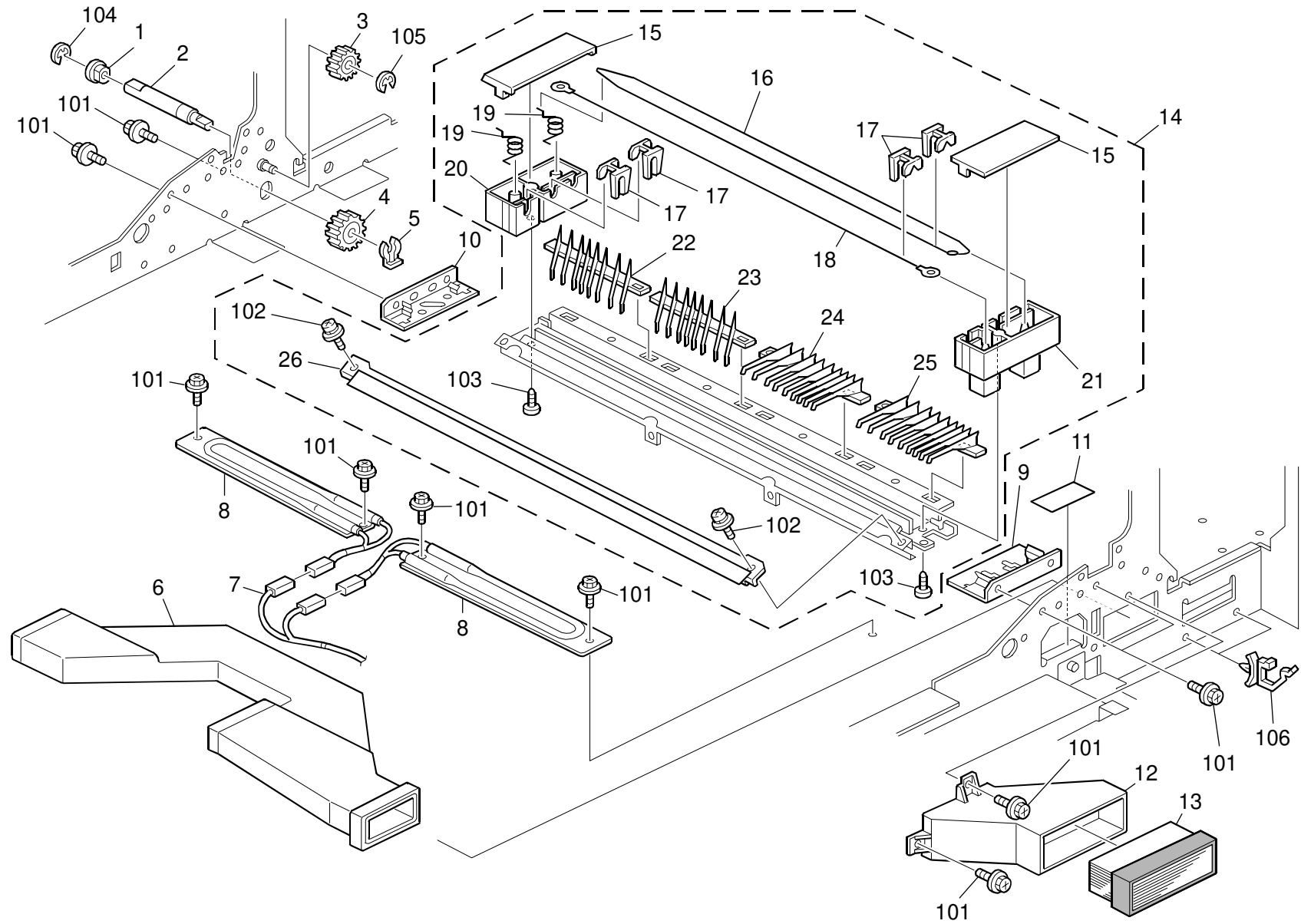


21.Development Unit 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 3055	Development Unit	1
2	5446 6214	Shaft Holder - Pick-up Roller	1
3	B188 3145	Drum Stay:Toner Hopper	1
4	AX20 0272	Spring Clutch:Toner Hopper	1
5	B188 5885	Harness:DC:Development Unit	1
6	B010 3211	Drum Stay:Spring	1
7	B010 3212	Spring:Joint	1
8	B010 3206	Joint:Toner Hopper:Unit	1
9	B010 3121	Gear - 28Z	2
10	AA13 2025	Spacer - 1x8x12	2
11	B188 3141	Left Positioning Bracket	1
12	B188 3136	Right Positioning Bracket	1
13	B010 3124	Gear - 19Z	1
14	AA08 2021	Bushing - 8x12x10mm	2
15	B010 3111	Gear - 23Z	1
16	B010 3126	Gear - 32Z	1
17	AB01 7539	Gear - 25Z/30Z	1
18	B010 3116	Gear - 21Z	1
19	AA08 0336	Bushing:DIA6	2
20	A174 1163	Development Sleeve Gear	1
21	AA08 4057	Bearing Case:DIA26	1
22	AA14 3788	Pin:Guide Plate:Paper Feed	14
23	AA01 2095	Dust Filter - Development	1
24	B010 3150	Entrance Seal	1
25	B188 3081	Electrode Plate:Development	1
26	B010 3069	Development Knob	1
27	AA15 0109	Seal - 12x837	1
28	AA15 3448	Toner Hopper Shield	1
29	AA15 3449	Toner Hopper Upper Shield	1
30	B188 3089	Casing:Toner Hopper	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4010N	Tapping Screw:4x10	
102	0450 4006N	Tapping Screw:4x6	
103	0451 4016N	Tapping Screw:4x16	
104	0450 3006N	Tapping Screw - M3x6	
105	0720 0060E	Retaining Ring - M6	
106	0805 3517	Ball Bearing - 8x16x5	
107	0720 0050E	Retaining Ring - M5	
108	0805 3516	Ball Bearing - 10x26x8	
109	0725 0100E	Retaining Ring C - M10	
110	0622 5160E	Spring Pin - 2.5x16	
111	0622 5200E	Spring Pin - 2.5x20	

22.Development Unit 2 (B188)

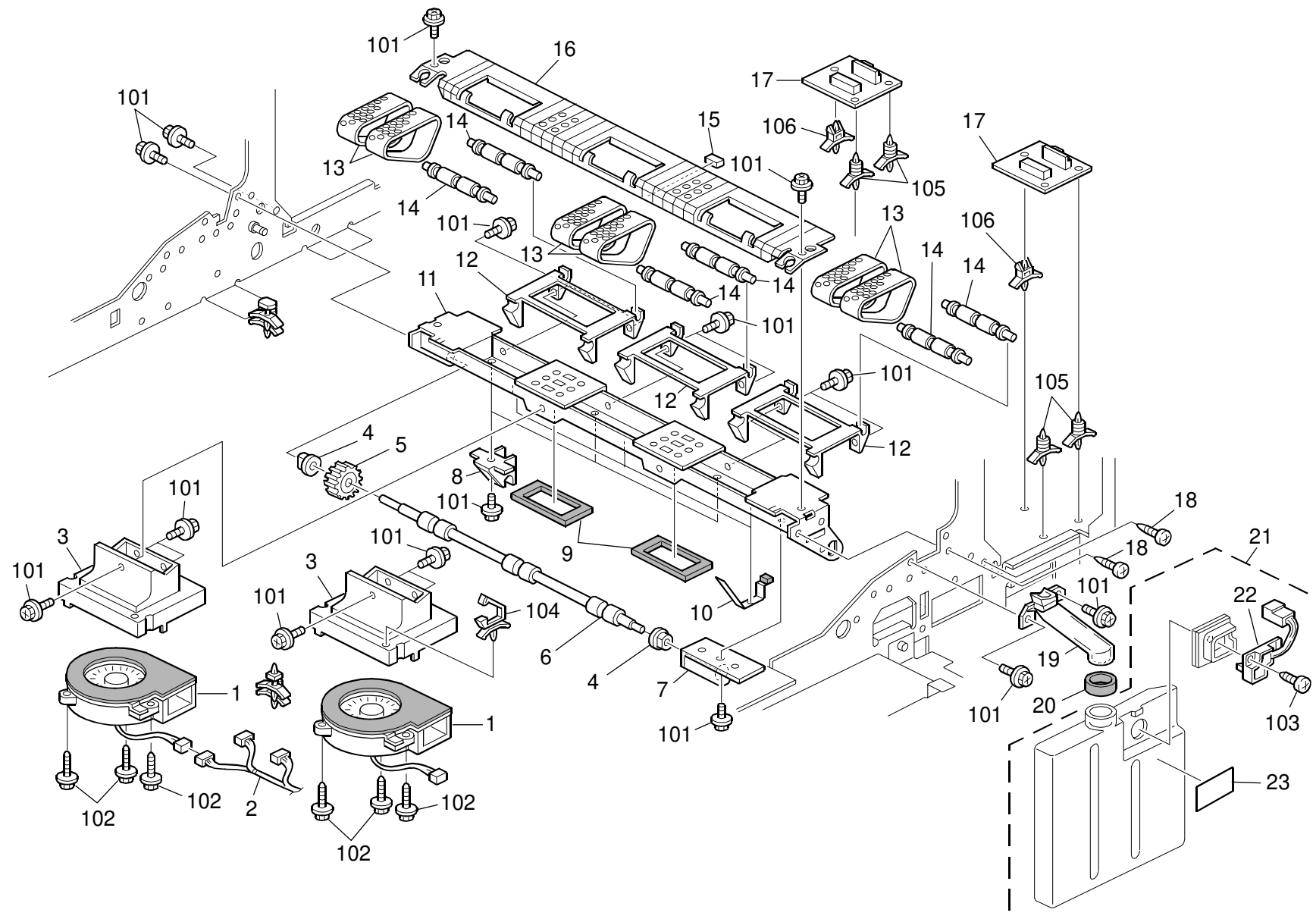


22.Development Unit 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5053 0223	Bushing - 8mm	14
2	AA14 8603	Vacuum Drive Shaft	1
3	AB01 3683	Gear - 16Z	1
4	AB01 3681	Gear - 22Z	2
5	5447 2681	Snap Ring	6
6	B188 3975	Exhaust Large Duct:Unit	1
7	B188 5781	Harness:AC:Drum:Heater	1
8	AX40 0188	Heater:120V:13W	6
8	AX40 0189	Heater:230V:13W	6
9	B188 3859	Bracket:Positioning:T/S Corona:Right	1
10	B188 3861	Bracket:Positioning:T/S Corona:Left	1
11	B010 2827	Right Sheet - Side Plate	2
12	B010 3982	Ozone Filter Case	1
13	B188 3985	Ozone Filter	1
14	B188 3920	T/S Corona Unit	1
15	AD02 2320	End Block Cover - T & S	2
16	AD02 0072	Corona Wire - Separation	1
17	A165 2058	Wire Cushion	4
18	AD02 0059	Corona Wire - Main	1
19	AA06 6254	Corona Wire Spring	2
20	AD02 2319	Left End Block - T & S	1
21	AD02 2318	Right End Block - T & S	1
22	A174 3938	Left Paper Guide - T/S Outer	1
23	A174 3932	Guide:Paper:T/s Corona:Middle:Left	1
24	A174 3931	Guide:Paper:T/s Corona:Middle:Right	1
25	A174 3937	Right Paper Guide - T/S Outer	1
26	B188 3855	Sheet:Entrance:Transfer:Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0951 3005N	Screw:Polished Round:M3x5	
103	0452 3008N	Tapping Screw - M3x8	
104	0720 0060E	Retaining Ring - M6	
105	0720 0040E	Retaining Ring - M4	
106	1105 0488	Harness Clamp	

23. Development Unit 3 (B188)

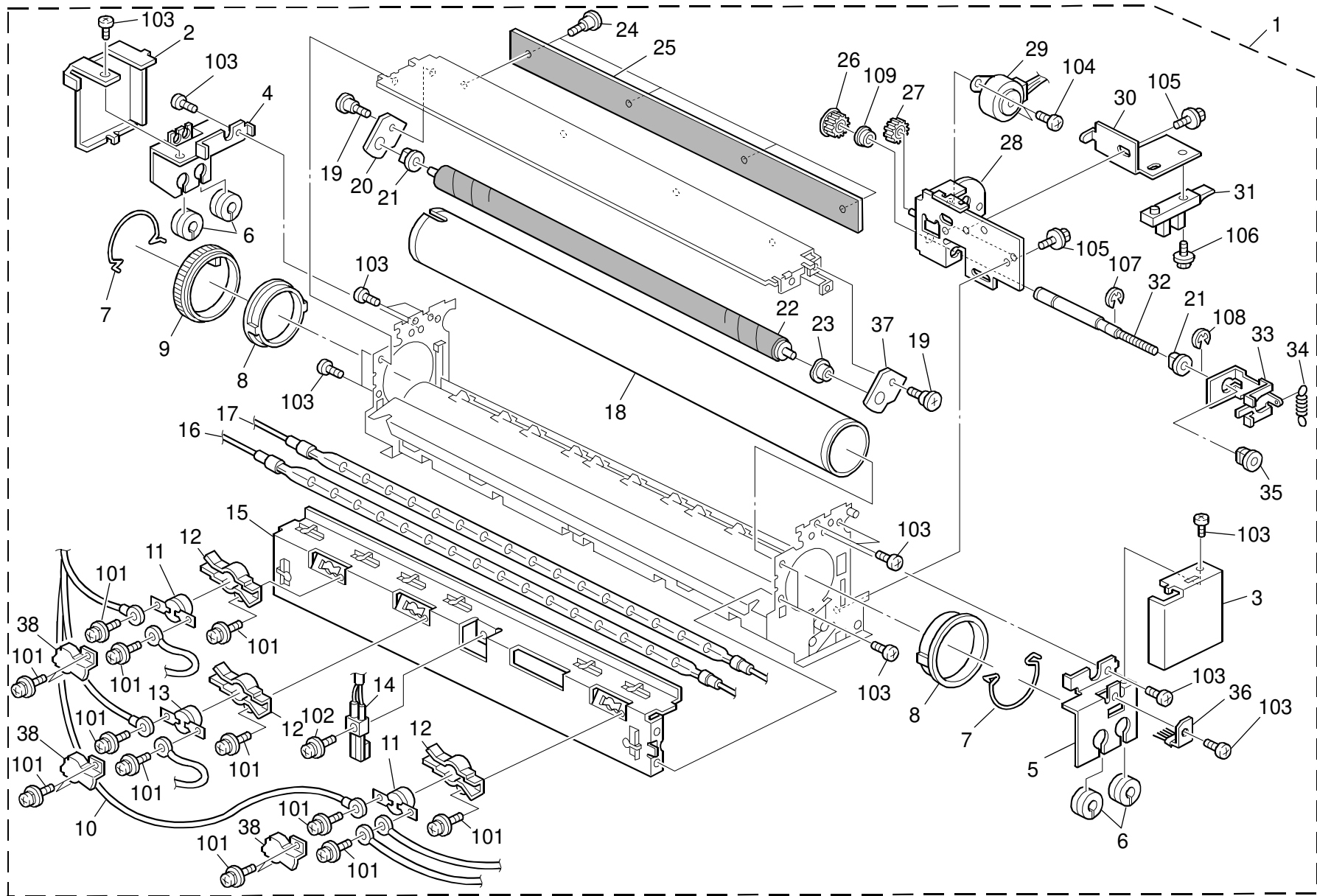


23.Development Unit 3 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 3952	Fan Motor:Sirocco:DC24V 9.6W	2
2	B188 5881	Harness:DC:Separation:Fan Motor	1
3	B010 3954	Vacuume Duct	2
4	5053 0447	Bushing - 6mm	7
5	AB01 3681	Gear - 22Z	2
6	AF02 0610	Roller:Transport Belt:Drive	1
7	B188 3958	Bracket:Bearing	1
8	A174 3946	Arm Bushing	3
9	B188 3961	Shield:Vacuum:Upper	2
10	B188 3970	Sheet:Ground Plate:Separation Belt	3
11	B188 3965	Vacuum:Upper:Unit	1
12	A174 3942	Driven Roller Bushing	3
13	AA04 0020	Decurler Transport Belt	6
14	AF02 1081	Roller:Transport Belt	6
15	B188 3944	Gasket:Guide Plate:Transport	1
16	B188 3948	Guide Plate:Transport	1
17	B188 5460	PCB:Fpdb	2
18	AA14 3788	Pin:Guide Plate:Paper Feed	14
19	B010 3663	Toner Recycling Pipe	1
20	AA15 3132	Toner Recycling Pipe Shield	1
21	B188 3661	Collection Bottle:Unit	1
22	AW40 0014	Used Toner Sensor	1
23	B125 3662	Decal:Toner Recycling	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0450 4016N	Tapping Screw - M4x16	
103	0452 3006N	Binding Self-tapping Screw:3x6	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0193	Nylon Stud	
106	1105 0531	Locking Support-EMSS-4S	

24.Fusing Unit 1 (B188)

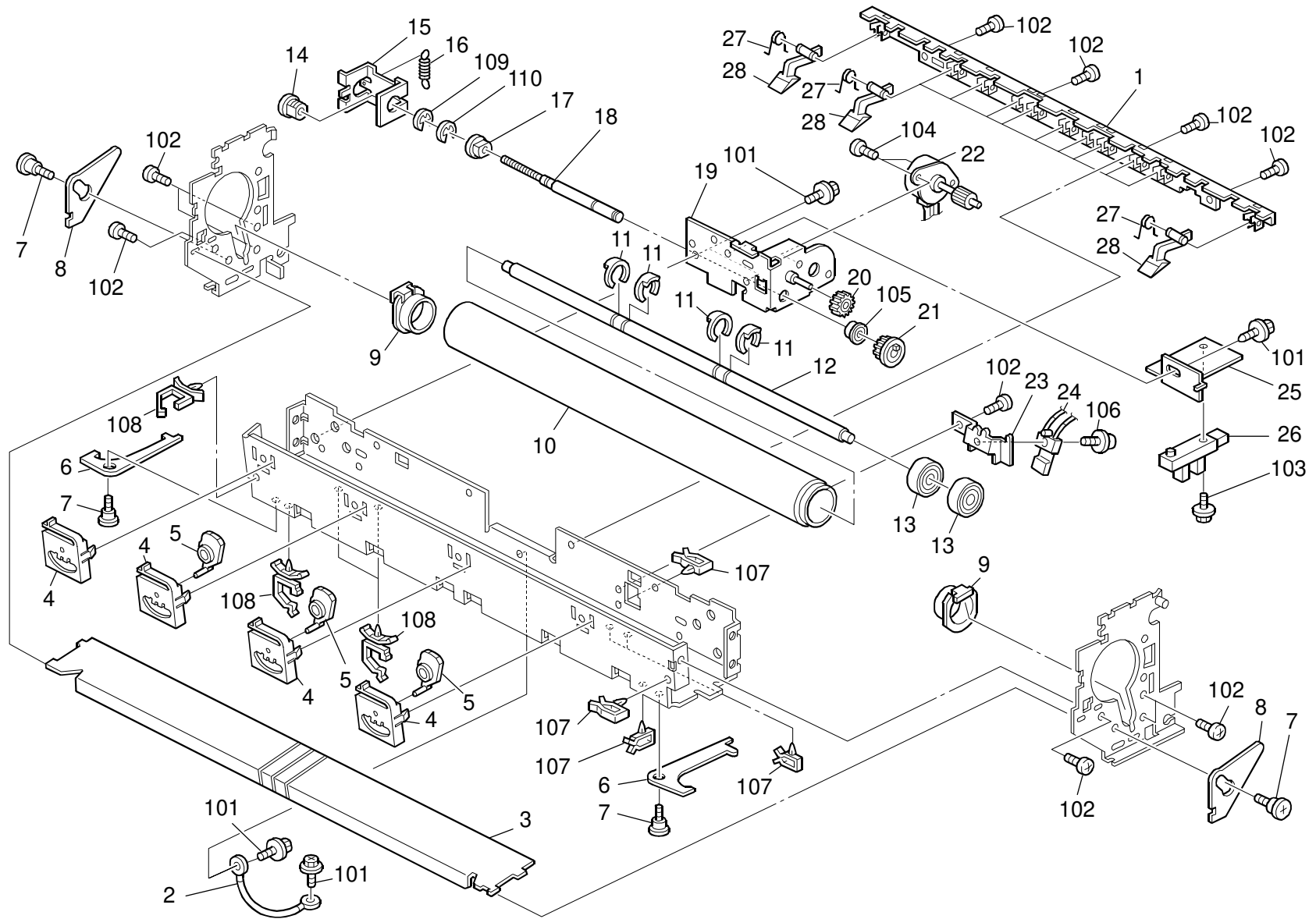


24.Fusing Unit 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 4051	Fusing Unit:NA	1
1	B188 4052	Fusing Unit:EU	1
2	B188 4286	Cover:Heater:Left	1
3	B188 4285	Cover:Heater:Right	1
4	B188 4112	Bracket:Heater:Left	1
5	B188 4111	Bracket:Heater:Right	1
6	A023 4096	Fusing Lamp Supporter	4
7	B010 4104	External Circlip	2
8	AE03 1052	Bushing	2
9	AB01 4177	Gear - 30Z	1
10	B188 5762	Harness:AC:Fusing:Heater:NA	1
10	B188 5763	Harness:AC:Fusing:Heater:EU	1
11	AW11 0035	Thermostat:199C 250V/10A	2
12	B188 4085	Housing:Thermostat	3
13	AW11 0036	Thermostat:200C 250V/10A	1
14	AW10 0057	Fusing Thermistor	1
15	B188 4116	Stay:Front:Fusing:Unit	1
16	AX45 0045	Heater:120V:1300W	1
16	AX44 0209	Heater:230V:700W	1
17	AX43 0110	Heater:120V:300W	1
17	AX44 0209	Heater:230V:700W	1
18	AE01 1055	Hot Roller	1
19	AA14 3543	Screw:M4:DIA6x1.7:Black	6
20	B188 4167	Lever:Cleaning Roller:Left	1
21	5053 0447	Bushing - 6mm	7
22	AE04 2047	Fusing Cleaning Roller	1
23	AA08 3016	Roller Clutch - 6x14x10	1
24	AA14 3542	Screw:M3:DIA4x5.6	23
25	AA17 2017	Heat Insulation:Fusing:Rear	1
26	AB01 0352	Gear - 40Z	2
27	AB01 0346	Gear - 48Z	2
28	B188 4128	Bracket:Motor:Right:Unit	1
29	B188 4137	Stepper Motor:DC24V 4.8W	2
30	B188 4144	Bracket:Photointerruptor:Right	1
31	5205 5250	LED Sensor Type S	2

Index No.	Part No.	Description	Q'ty Per Assembly
32	B010 4139	Pressure Shaft	2
33	B188 4136	Bracket:Anchor:Pressure	2
34	AA06 0966	Spring:Fusing:Cleaning Blade	2
35	AA08 2062	Bushing	2
36	AA12 0127	Discharge Brush:Fusing	1
37	B188 4166	Lever:Cleaning Roller:Right	1
38	B188 4086	Cover:Thermostat	3
101	0954 3006N	Screw - M3X6	
102	0954 3010N	Screw:Polished Round/spring:M3x10	
103	0354 0060N	Screw-m4x6	
104	0453 3006N	Tapping Screw - M3x6	
105	0451 4008N	Tapping Screw:4x8	
106	0451 4010N	Tapping Screw:4x10	
107	0720 0070E	Retaining Ring - M7	
108	0720 0050E	Retaining Ring - M5	
109	0805 3445	Bearing - M6x10x3	

25.Fusing Unit 2 (B188)

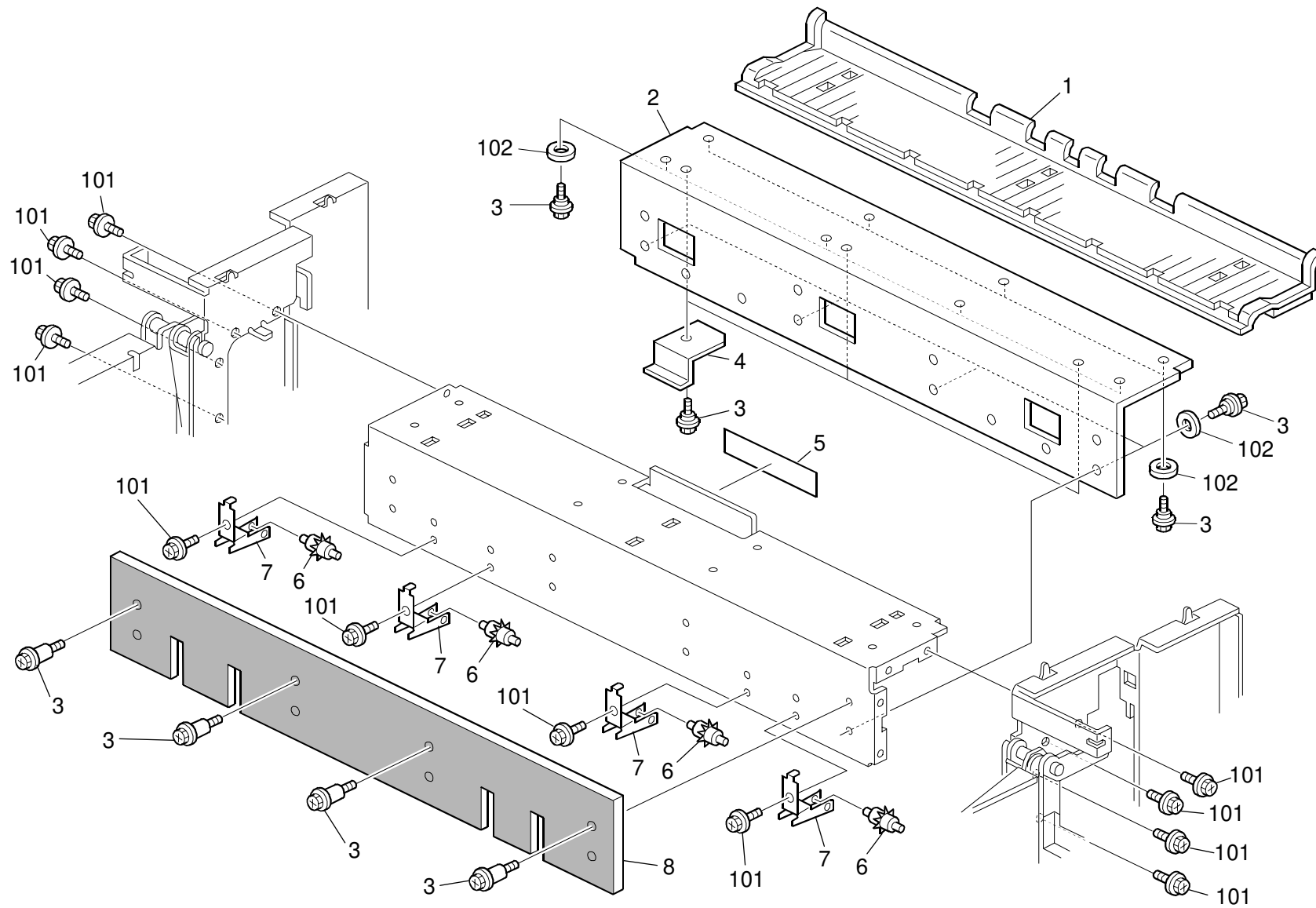


25.Fusing Unit 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 4093	Stay:Stripper Pawls:Pressure Roller	1
2	B188 5596	Ground Wire:Led Head:Front	1
3	B188 4141	Fusing Entrance Guide Plate	1
4	A163 4122	Entrance Guide Plate Holder	4
5	A163 4124	Holder Cam	3
6	B188 4132	Lever:Pressure:Middle	2
7	AA14 3543	Screw:M4:DIA6x1.7:Black	6
8	B188 4131	Lever:Pressure	2
9	5219 4624	Ball Bearing - 20x42x12	2
10	AE02 0096	Pressure Roller	1
11	A163 4109	C - Ring - 19m	4
12	B010 4081	Pressure Roller Shaft	1
13	B010 4085	Pressure Roller Holder	2
14	AA08 2062	Bushing	2
15	B188 4136	Bracket:Anchor:Pressure	2
16	AA06 0966	Spring:Fusing:Cleaning Blade	2
17	5053 0447	Bushing - 6mm	7
18	B010 4139	Pressure Shaft	2
19	B188 4129	Bracket:Motor:Left:Unit	1
20	AB01 0346	Gear - 48Z	2
21	AB01 0352	Gear - 40Z	2
22	B188 4137	Stepper Motor:DC24V 4.8W	2
23	B188 4119	Bracket:Thermistor	1
24	AW10 0058	Thermistor Pressure Roller	1
25	B188 4145	Bracket:Photointerruptor:Left	1
26	5205 5250	LED Sensor Type S	2
27	AA06 6285	Stripper Spring	11
28	AE04 4031	Pressure Roller Stripper	11

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0354 0060N	Screw-m4x6	
103	0451 4010N	Tapping Screw:4x10	
104	0453 3006N	Tapping Screw - M3x6	
105	0805 3445	Bearing - M6x10x3	
106	0954 3010N	Screw:Polished Round/Spring:M3x10	
107	1105 0283	Clamp	
108	1105 0310	Harness Clamp - LWS-1S	
109	0720 0050E	Retaining Ring - M5	
110	0720 0070E	Retaining Ring - M7	

26.Fusing Unit 3 (B188)

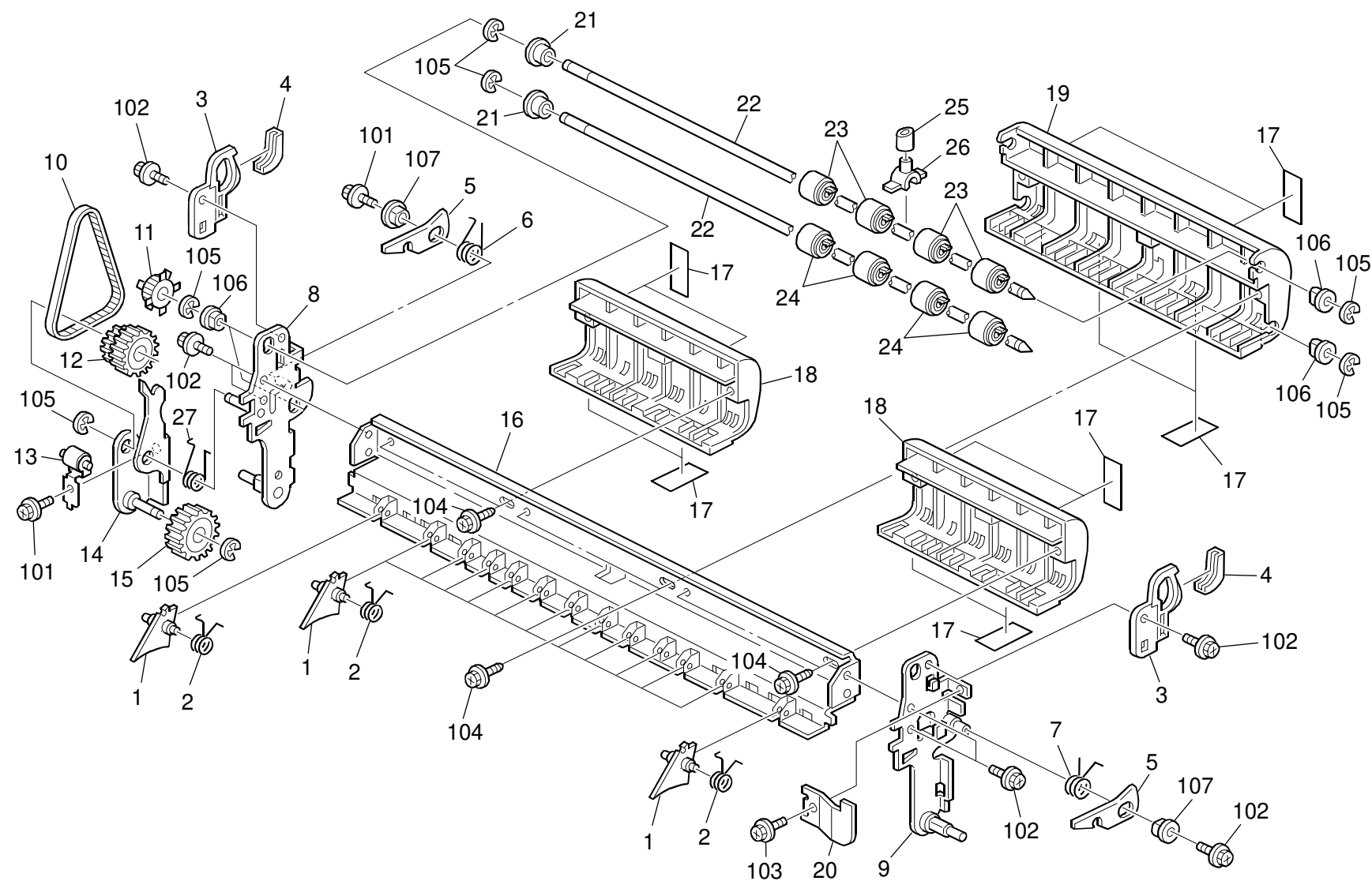


26.Fusing Unit 3 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B010 1358	Rear Exit Tray	1
2	B188 4195	Heat Insulation:Fusing:Upper	1
3	AA14 3542	Screw:M3:DIA4x5.6	23
4	B188 4288	Bracket:Plate:Heat Insulation	3
5	B188 4196	Decal:Warning (High Temperature)	1
6	B010 4178	Front Fusing Roller	4
7	B010 4180	Fusing Roller Bracket	4
8	B188 1121	Heat Insulation:Fusing:Front	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0701 0050N	Washer:DIA5	

27.Paper Exit Section 1 (B188)

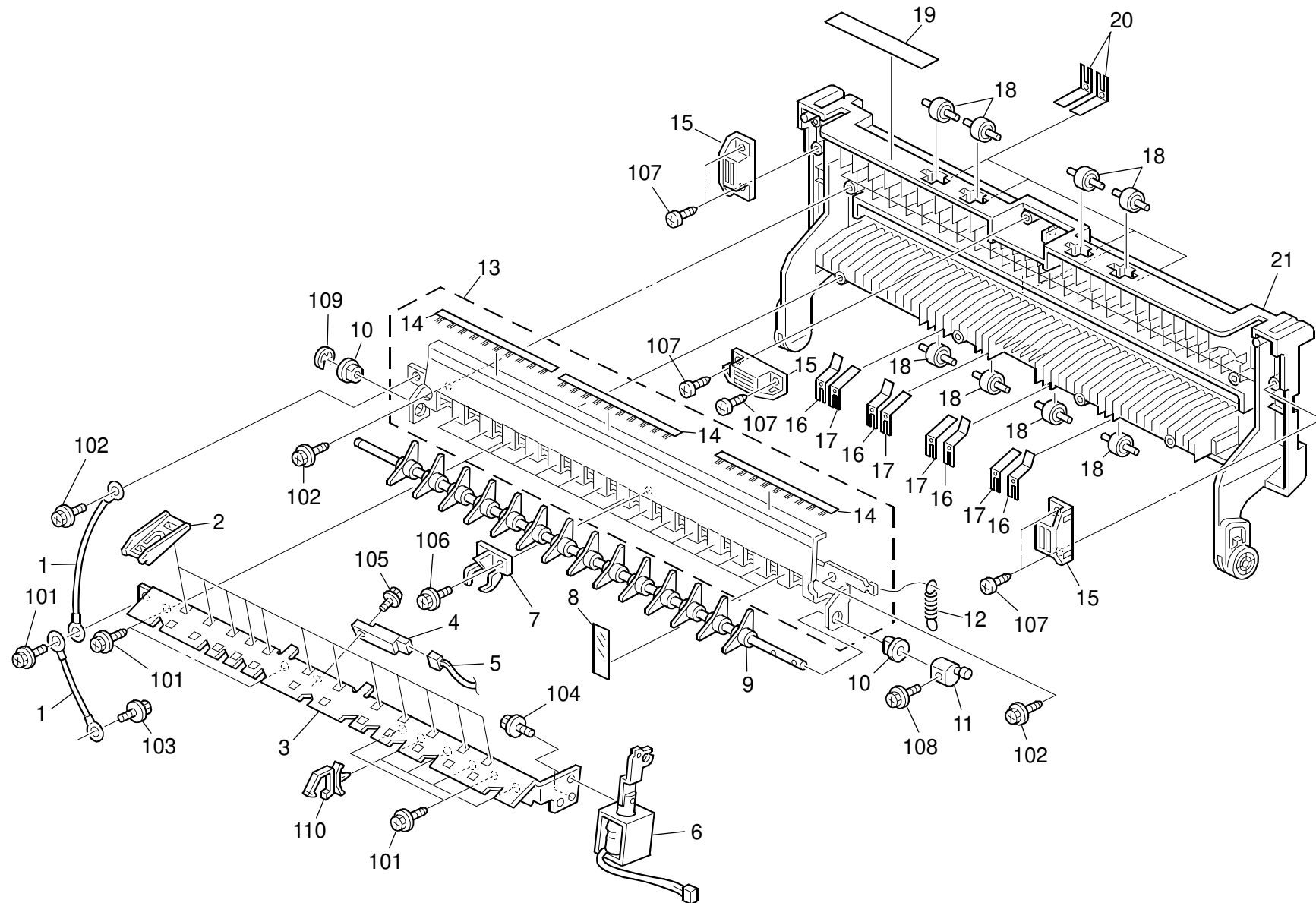


27.Paper Exit Section 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AE04 4054	Stripper Pawls	13
2	AA06 6052	Stripper Spring	13
3	B010 4308	Exit Unit Grip	2
4	B010 4309	Grip Cap - Exit Unit	2
5	B188 4159	Positioning Plate:Lock	2
6	AA06 6257	Left Lock Spring	1
7	AA06 6256	Right Lock Spring	1
8	B188 4303	Side Plate:Fusing/Exit:Left	1
9	B188 4301	Side Plate:Fusing/Exit:Right	1
10	AA04 3921	Timing Belt - S2M262	1
11	AB03 0474	Pulley - 24T	2
12	AB01 7528	Gear Pulley - 30Z/30T	1
13	B010 4325	Tightener Spring Plate	1
14	B188 4321	Arm:Drive:Fusing/Paper Exit Unit	1
15	B010 4324	Idler Gear - 30z	1
16	B188 4305	Stay:Fusing/Paper Exit Unit	1
17	B010 4312	Upper Guide	12
18	B010 4311	Left Guide	2
19	B010 4315	Middle Guide - Exit Unit	1
20	B188 4319	Pawl:Push Switch	1
21	AA08 2058	Bushing - 6x10x9mm	2
22	AA14 0802	Exit Roller Shaft	2
23	B010 4319	Drive Roller - Upper Exit	4
24	B010 4317	Drive Roller - Lower Exit	4
25	A163 4236	Exit Tube	1
26	A163 4235	Tube Holder	1
27	AA06 6632	Exit Unit Arm Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 4008N	Tapping Screw:4x8	
103	0802 5291	Tapping Screw:Round Point:M3x6	
104	0450 4010N	Tapping Screw:M4x10	
105	0720 0040E	Retaining Ring - M4	
106	0805 3480	Bushing - 6mm	
107	0805 3385	Bushing - 6mm	

28. Paper Exit Section 2 (B188)

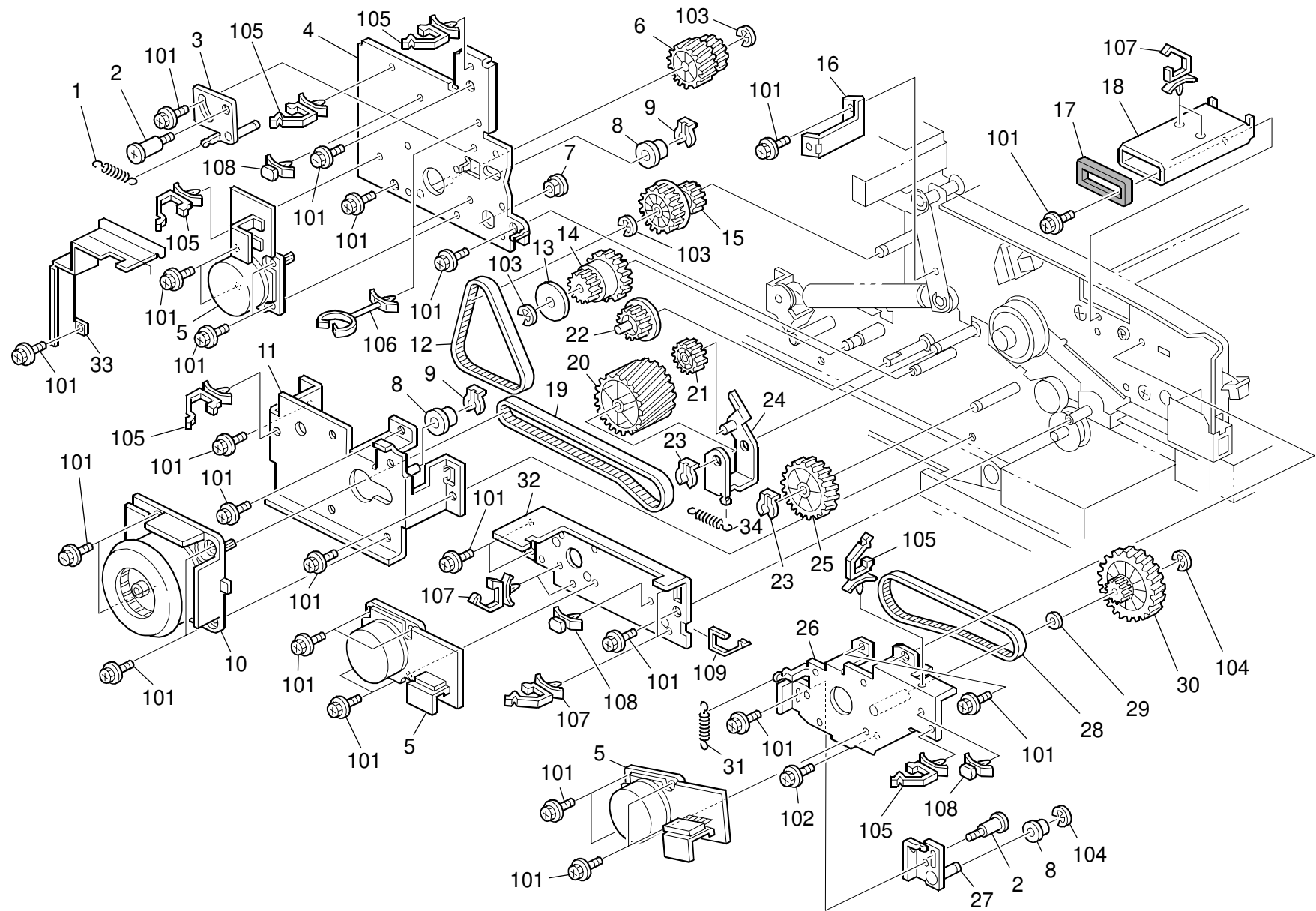


28.Paper Exit Section 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 4461	Ground Wire:Paper Exit Unit	2
2	A163 4465	Lower Support Guide	12
3	B188 4456	Guide Plate:Exit:Entrance:Lower	1
4	AW01 0110	Paper Feed Sensor	3
5	B188 5882	Harness:DC:Paper Exit Unit	1
6	B188 4385	DC Solenoid:Gate Pawl:Unit	1
7	B010 4458	Gate Pawl Plate	1
8	B010 4467	Transport Exit Guide	14
9	AF02 5029	Exit Separation Pawl	1
10	5053 0447	Bushing - 6mm	7
11	A174 4372	Gate Pawl Drive	1
12	AA06 6366	Spring:Pressure Release	1
13	B188 4459	Guide Plate:Exit:Sub-unit	1
14	A681 2416	Antistatic Brush	3
15	AG07 0504	Magnet Catch:44.1n	5
16	B188 4454	Spring Plate:Exit Roller:Lower	4
17	B010 4454	Lower Spring Plate - Exit Roller	4
18	AF04 0576	Driven Exit Roller	8
19	B188 4476	Decal:Warning (High Temperature)	1
20	B010 4453	Upper Spring Plate - Exit Roller	8
21	B010 4452	Exit Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4008N	Tapping Screw - M4x8	
102	0450 4006N	Tapping Screw:4x6	
103	0451 4008N	Tapping Screw:4x8	
104	0451 3005N	Tapping Screw:M3x5	
105	0451 3012N	Tapping Screw:3x12	
106	0451 4006N	Tapping Screw - 4x6	
107	0802 5298	Tapping Screw:4x12	
108	0451 3006N	Tapping Screw - 3x6	
109	0720 0040E	Retaining Ring - M4	
110	1105 0511	Harness Clamp - LWS-0306ZC	

29. Drive Section (B188)

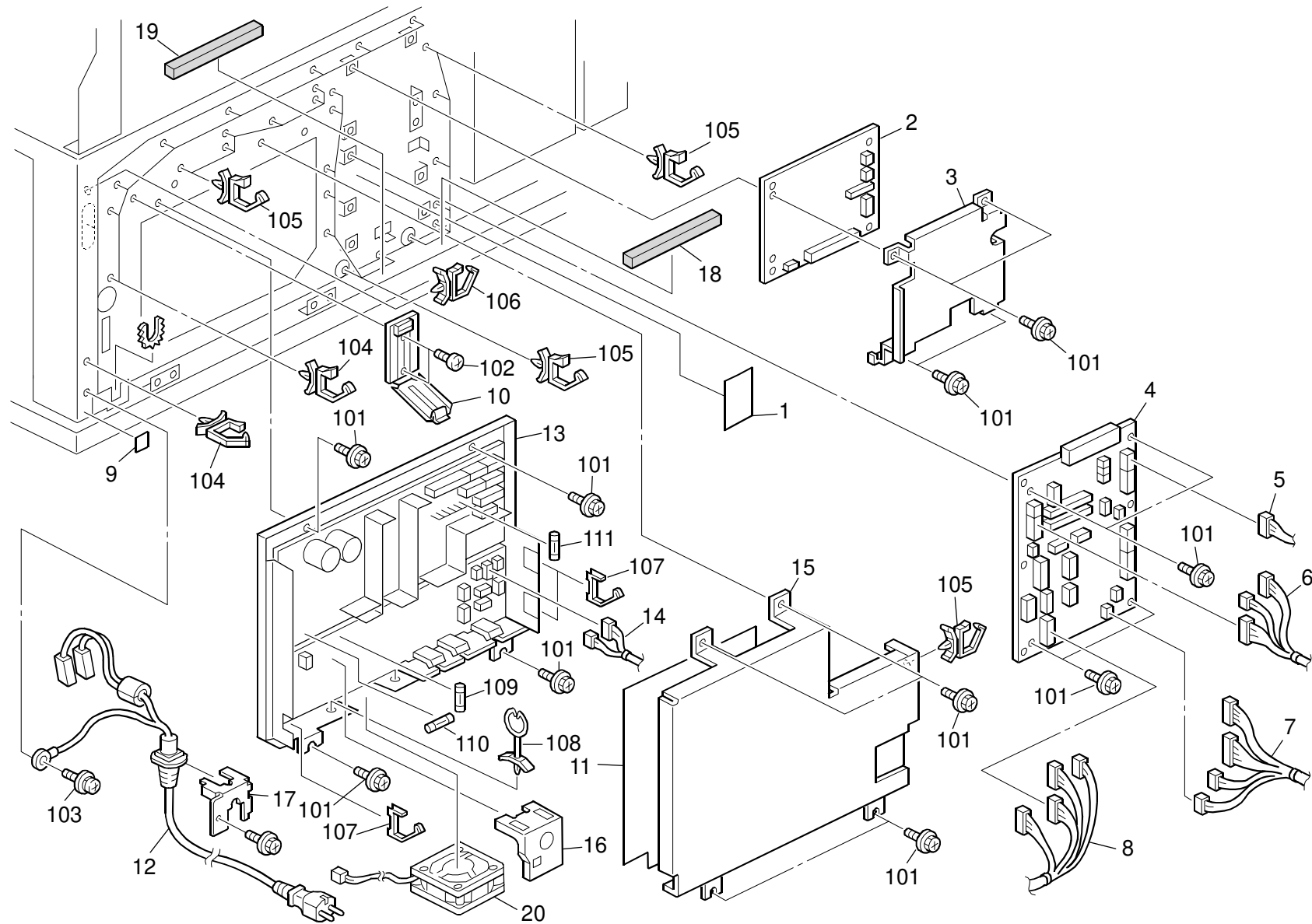


29.Drive Section (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A267 5821	Tension Spring - Door Switch	1
2	AA14 3545	Screw:M4	3
3	B188 1175	Tightener:Drive:Fusing	1
4	B188 1174	Guide Plate:Motor:Fusing	1
5	AX06 0294	DC Motor:MM62:DC24V 20W	3
6	AB01 7577	Gear - 33Z/67Z	1
7	5053 0223	Bushing - 8mm	14
8	G020 4444	Tightener	4
9	5447 2681	Snap Ring	6
10	AX06 0293	Brushless Motor:DC24V:45W:S	1
11	B188 1165	Guide Plate:Motor:Development	1
12	AA04 3924	Timing Belt - 420S3M	1
13	A259 1158	Pulley Flange	1
14	AB01 7578	Gear Pulley - 33Z/25T	1
15	AB01 7534	Coupling Gear - 48z/27z	1
16	B188 1252	Bracket:Cover	2
17	AA15 3452	Fan Shield	2
18	B188 1952	Duct:Vacuum	2
19	AA04 3967	Timing Belt:B110S2M438	1
20	AB01 7532	Gear - 102Z/24Z	1
21	AB01 1415	Idler Gear - 37z	1
22	AB03 0681	Timing Pulley - 41T	1
23	5215 2621	Snap Ring - M6	5
24	B188 1159	Arm:Coupling:Toner Collection Coil	1
25	AB01 7533	Gear - 111Z/24Z	1
26	B188 1186	Bracket:Motor:Main	1
27	B188 1193	Bracket:Tightener:Drive:Drum	1
28	AA04 3922	Timing Belt - 426S2M	1
29	A300 3812	Spacer - 6x22x1.5	1
30	AB01 7524	Gear - 125Z/29Z	1
31	AA06 0569	Spring - Transfer Corona	1
32	B188 1188	Bracket:Motor:Registration Roller	1
33	B188 6124	Shadeing Plate:Motor Control Board	1
34	AA06 0967	Spring:Roller:Driven:2.99n	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0720 0060E	Retaining Ring - M6	
104	0720 0040E	Retaining Ring - M4	
105	1105 0487	Harness Clamp	
106	1105 0348	Clamp	
107	1105 0516	Clamp	
108	1105 0611	Spacer Kgps-3.5s-N(V0)	
109	1105 0522	Edge Saddle - LES0510	

30.Electrical Section 1 (B188)

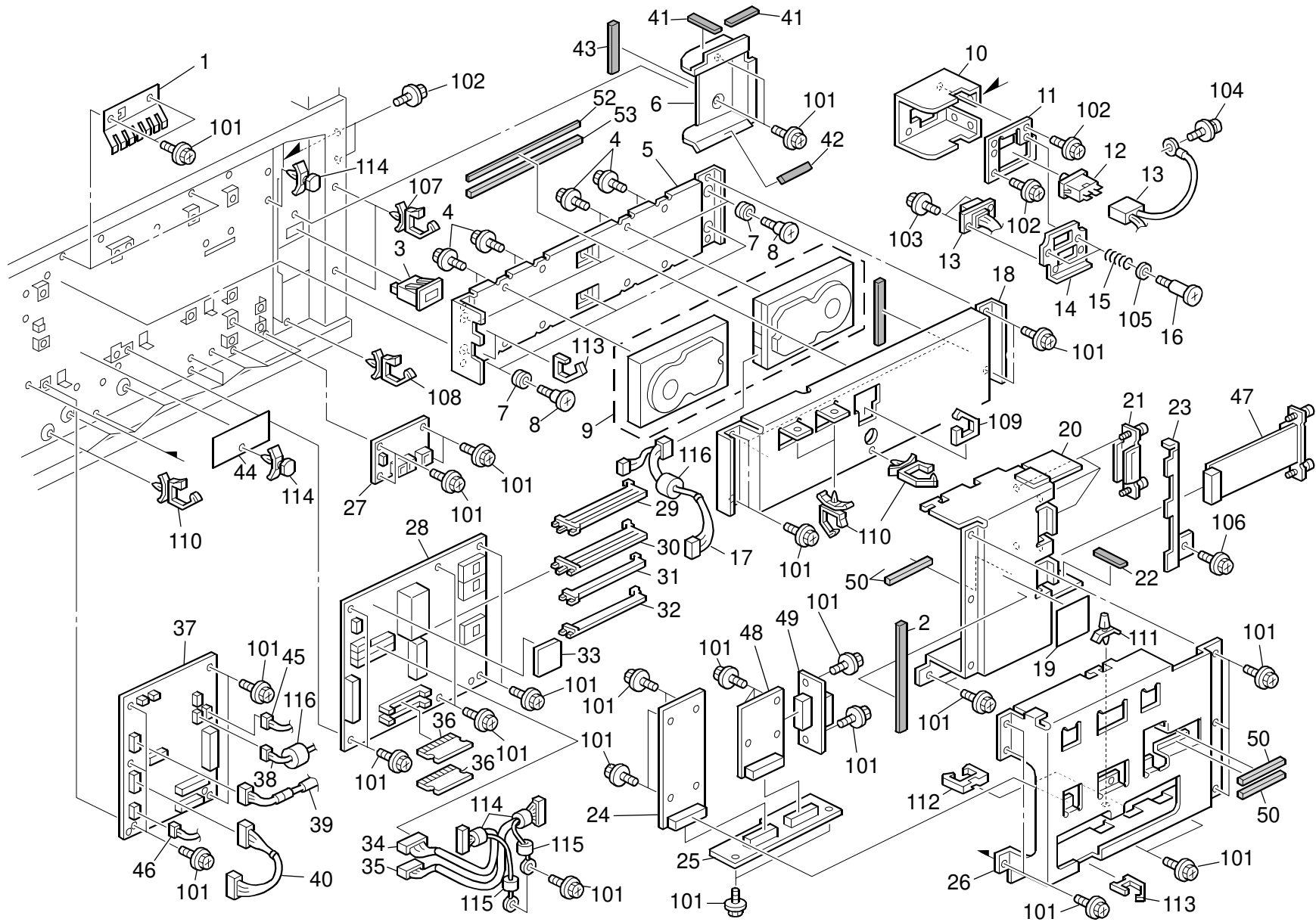


30.Electrical Section 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 5987	Insulating Sheet:IPUT:IOB	1
2	B188 5046	PCB:BCU	1
3	B188 5981	Cover:BCU	1
4	B188 5130	PCB:IOB	1
5	B188 5855	Harness:IOB-CIS	1
6	B188 5875	Harness:DC:Scanner:NA	1
6	B188 5862	Harness:DC:Scanner:EU	1
7	B188 5836	Harness:DC:Machine or Copier:Left	1
8	B188 5835	Harness:DC:Machine or Copier:Right	1
9	AA00 1190	Decal - Ground	1
10	B010 2947	Harness Clamp - FCW-52	4
11	B188 5985	Insulating Sheet:Cover:Power Supply Unit	1
12	B188 5745	Power Supply Cord:Stopper:NA	1
12	B188 5746	Power Supply Cord:Stopper:EU	1
13	B188 5708	Power Supply Unit:359W:AC100-120V	1
13	B188 5728	Power Supply Unit:359W:AC220-240V	1
14	B188 5850	Harness:DC:IOB-PSU	1
15	B188 5976	Cover:Power Supply Unit	1
16	B188 5993	Supporting Plate:Power Supply Unit	1
17	B188 5984	Bracket:Power Supply Cord:EXP	1
18	B188 1394	Gasket:13x13x145	1
19	B188 1395	Gasket:4x13x145	1
20	B188 5709	Fan:Dol-c2:Power Supply Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0453 3006N	Tapping Screw - M3x6	
103	0950 5012N	Screw:Spring Washer:M5x12	
104	1105 0488	Harness Clamp	
105	1105 0517	Harness Clamp - LWS-2111Z	
106	1105 0490	Harness Clamp - IWS-2218	
107	1105 0518	Edge Saddle - LES-1010	
108	1105 0348	Clamp	
109	1107 0391	Fuse - 5A, 125V	
109	1107 1053	Fuse:Ht-5A-N5 (230V)	
110	1107 0393	Fuse (Glass Case) - 8A - 125V	
110	1107 1053	Fuse:Ht-5A-N5 (230V)	
111	1107 0392	Fuse - 6.3A 125V	
111	1107 1067	Fuse:ET-6.3A (230V)	

31.Electrical Section 2 (B188)



31.Electrical Section 2 (B188)

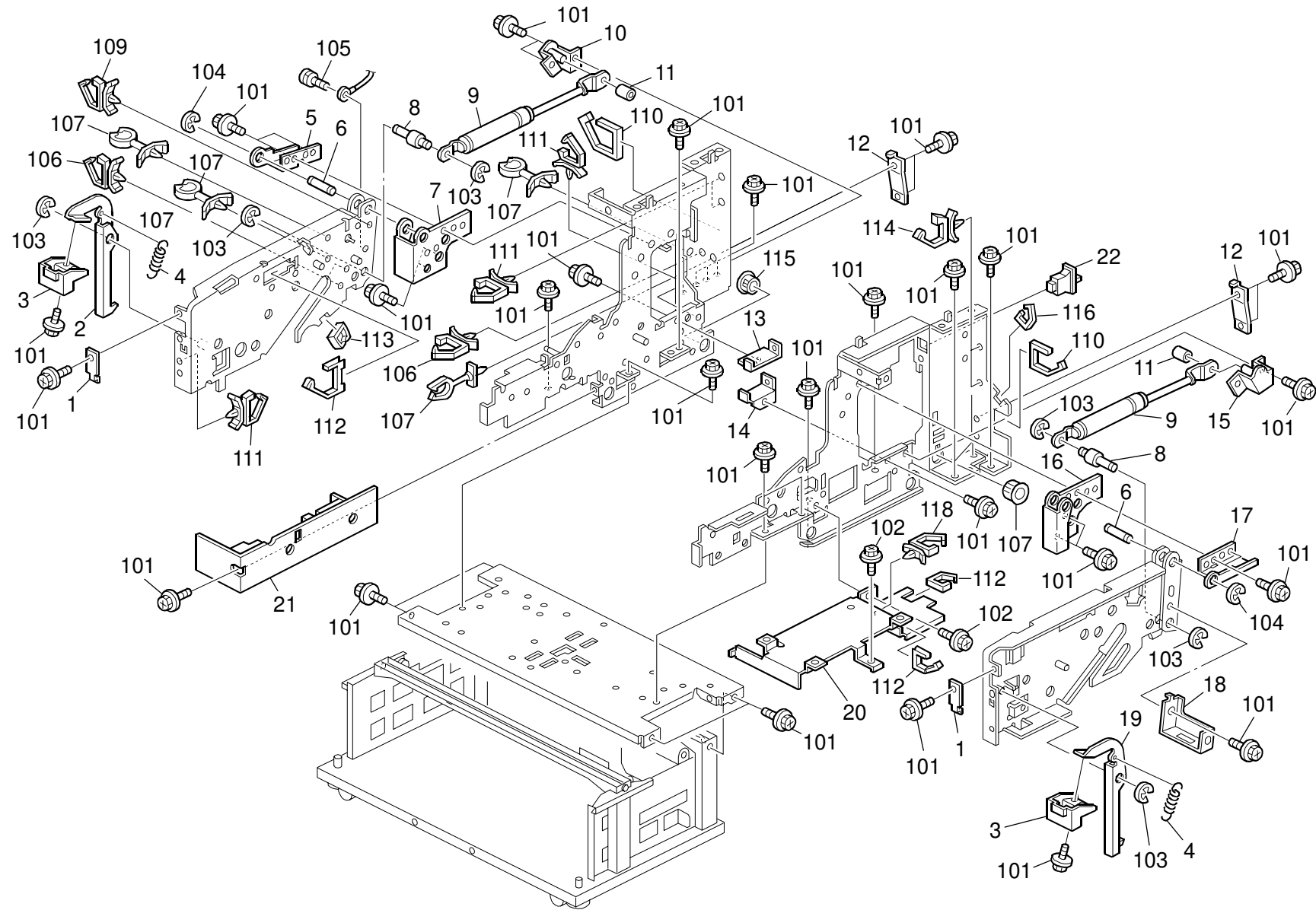
Index No.	Part No.	Description	Q'ty Per Assembly
1	A267 1089	Grounding Plate - Upper Rear	2
2	B188 1364	Gasket:3x5x170	1
3	AX31 0045	Total Counter:7FIG:24V	1
4	AA14 3551	Hexagonal Head Bolt:#6-32UNCX4	8
5	B188 5978	Bracket:HDD	1
6	B188 1253	Inner Cover:Rear Lower:Left	1
7	AA16 1125	Rubber Cushion	6
8	AA14 3796	Screw:M3x4.2	6
9	B188 5301	HDD:EXP:2pcs/set	1
10	B188 2954	Guide Plate	1
11	B188 2958	Cable:Connector	1
12	AW50 0029	Safety Switch - FA1L-AA20	1
13	B188 5782	Harness:AC:Machine or Copier:NA	1
13	B188 5783	Harness:AC:Machine or Copier:EU	1
14	B010 2956	Connector Bracket	1
15	AA06 0976	Spring:Connector	2
16	AA14 3253	Pin - Lever - Paper Spool Unit	2
17	B188 5838	Harness:DC:Power Source:HDD	1
18	B188 5979	Cover:HDD	1
19	B188 5302	Decal:Connector:HDD	1
20	B188 5977	Cover:GW	1
21	B070 6893	Interface Panel Ass'y	4
22	B188 1375	Gasket:1x10x40	1
23	B188 5982	Panel:SD-Card	1
24	B188 5711	PCB:MLB3	1
25	B188 5240	PCB:MB	1
26	B188 5988	Cover:Image Processing Unit:EXP	1
27	B188 5731	PCB:N-PI:Ass'y	1
28	B188 5743	PCB:Type-BZ	1
29	B070 5670	Right Rail	1
30	B070 5671	Left Rail	1
31	G108 5108	Right Guide 1	1
32	G108 5107	Left Guide 1	1
33	B188 9890	Counter:PCB:NOVITA	1
34	B188 5857	Harness:DC:HDD:Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	B188 5858	Harness:DC:HDD	1
36	G108 5020	PCB:DDR-DIMM:512Mb	2
37	B188 5220	PCB:IPU	1
38	B188 5893	Harness:DC:IPU-CSS	1
39	B188 5860	Harness:DC:IPU-CIS	1
40	B188 5755	Harness:DC:BCU-IPU	1
41	B188 1365	Gasket:4x7x40	2
42	B188 1378	Gasket:4x7x85	1
43	B188 1376	Gasket:2x7x150	1
44	B188 5987	Insulating Sheet:IPUT:IOB	1
45	B188 5875	Harness:DC:Scanner:NA (120V)	1
45	B188 5861	Harness:DC:IPU-LCDC:EU (230V)	1
46	B188 5834	Harness:DC:IPU-VDB	1
47	B809 5660	PCB:Video_link2:DC2	1
48	B188 5230	PCB:CNB1	1
49	B188 5232	PCB:CNB2	1
50	B188 1390	Gasket:3x5x38	4
51	B188 1391	Gasket:5x10x100	3
52	B188 1392	Gasket:6x10x210	1
53	B188 1393	Gasket:10x10x75	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 4008N	Tapping Screw:4x8	
103	0451 4014N	Tapping Screw:M4x14	
104	0950 4006N	Screw:Spring Washer:M4x6	
105	0701 0050N	Washer:DIA5	
106	0451 3008N	Tapping Screw - M3x8	
107	1105 0487	Harness Clamp	
108	1105 0511	Harness Clamp - LWS-0306ZC	
109	1105 0544	Edge Saddle:LES-2017	
110	1105 0488	Harness Clamp	
111	1105 0611	Spacer Kgps-3.5S-N(V0)	
112	1105 0491	Edge Saddle - ES-1916	
113	1105 0518	Edge Saddle - LES-1010	
114	1607 1809	Ferrite Core:E04SR200917	
115	1607 0622	Ferrite Core TFC16816	
116	1607 1715	Ferrite Core:RFC-5 (NA)	

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

32.Frame Section 1 (B188)

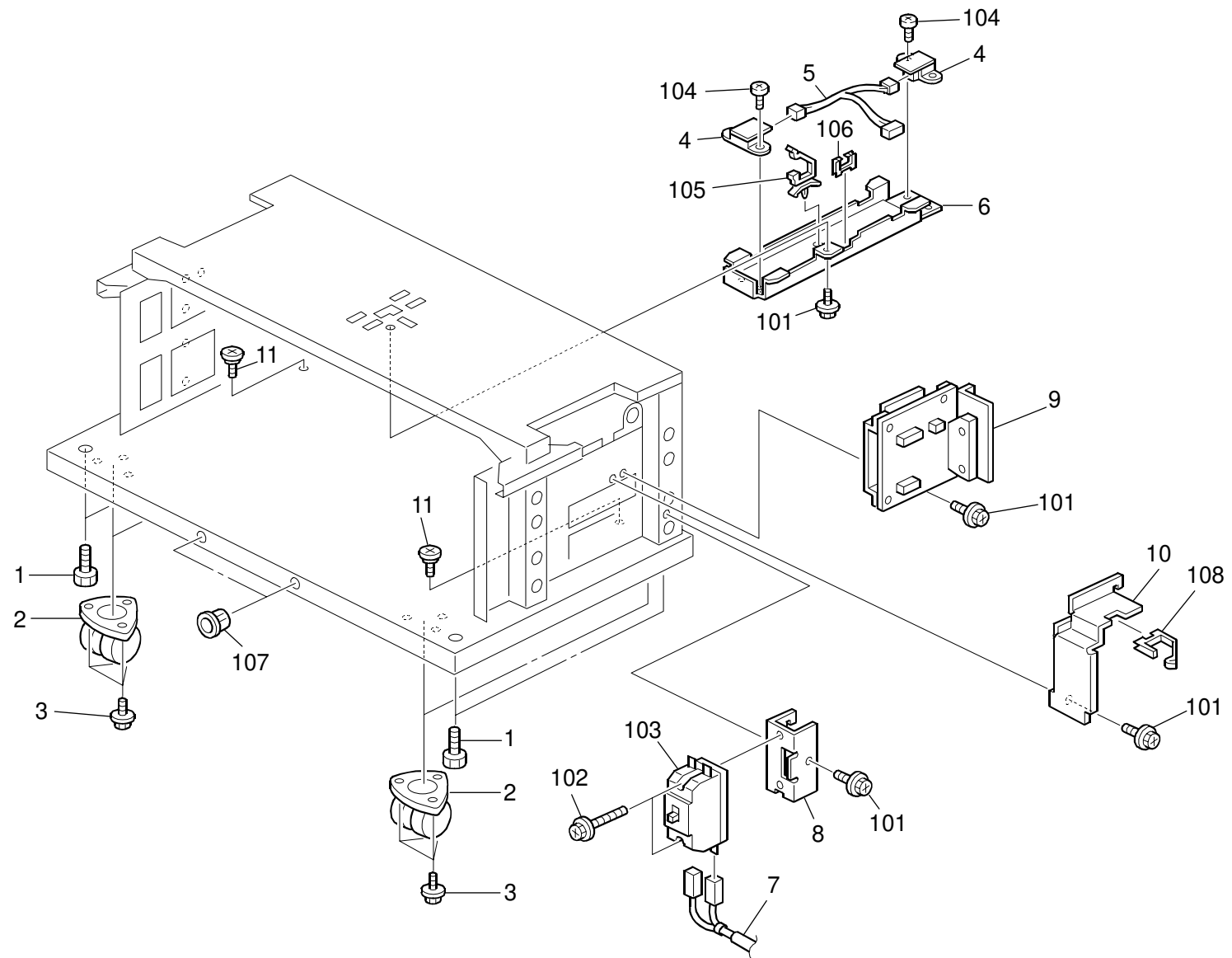


32.Frame Section 1 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B188 1107	Guide Plate:Stopper Pawl	2
2	B188 1101	Stopper Pawl:Lock:Left	1
3	B010 1106	Stopper Pawl Lever	2
4	AA06 0969	Spring:Pressure Release	3
5	B188 1096	Guide Plate:Hinge:Left	1
6	AA14 5821	Hinge Pin	2
7	B188 1094	Left Hinge Bracket	1
8	AA14 8606	Upper Shaft - Gas Spring	2
9	B188 1122	Gas Spring:325n	2
10	B188 1118	Bracket:Gas Spring:Left Lower	1
11	AA13 2185	Coller - 8.5x13.5x11.5	2
12	B188 1083	Supporting Plate:Side Plate:Rear	2
13	B188 1115	Bracket:Fix:Fusing Unit:Left	1
14	B188 1114	Bracket:Fix:Fusing Unit:Right	1
15	B188 1117	Bracket:Gas Spring:Right Lower	1
16	B188 1093	Right Hinge Bracket	1
17	B188 1095	Guide Plate:Hinge:Right	1
18	B188 1252	Bracket:Cover	2
19	B188 1100	Right Lock Stopper	1
20	B188 5973	Bracket:Power Pack	1
21	B010 1361	Inner Cover Ass'y	1
22	G020 5626	Push Switch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3008N	Tapping Screw - M3x8	
103	0720 0060E	Retaining Ring - M6	
104	0720 0080E	Retaining Ring - M8	
105	0950 4006N	Screw:Spring Washer:M4x6	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0348	Clamp	
108	1105 0462	Harness Clamp	
109	1105 0488	Harness Clamp	
110	1105 0544	Edge Saddle:LES-2017	
111	1105 0487	Harness Clamp	
112	1105 0518	Edge Saddle - LES-1010	
113	1105 0328	Harness Clamp - ES-0505	
114	1105 0490	Harness Clamp - IWS-2218	
115	1106 0411	Bushing - 11.5mm	
116	1105 0521	Clamp - LES-1017	
117	1106 0493	Edging	
118	1105 0516	Clamp	

33.Frame Section 2 (B188)



33.Frame Section 2 (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3547	Hexagonal Bolt:M12x80	4
2	AH01 2031	Caster:1470n	4
3	B188 1125	Flanged Hexagonal Head Bolt:M5x14	12
4	AW01 0121	Paper End Sensor	2
5	B188 5886	Harness:DC:Paper End Sensor	1
6	B188 2814	Bracket:Paper End Sensor	1
7	B188 5768	Harness:AC:Leak Breaker	1
8	B188 5983	Bracket:Leak Breaker	1
9	B188 6118	PCB:SDB	1
10	B188 6124	Shadeing Plate:Motor Control Board	1
11	AA14 3076	Stepped Screw - M4	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3020N	Tapping Screw:3x20	
103	1107 1103	Breakers:EC2A2-020NVZR	
104	0453 3006N	Tapping Screw - M3x6	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	1105 0329	Clamp - ES-0510	
107	1106 0063	Snap Bushing	
108	1105 0518	Edge Saddle - LES-1010	

34.IPU Board (B188)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	146	C11	183	C21	182	C31	149	C41	142	C51	146	C61	150
C2	146	C12	182	C22	151	C32	150	C42	150	C52	148	C62	151
C3	148	C13	148	C23	182	C33	183	C43	151	C53	150	C63	183
C4	183	C14	183	C24	149	C34	182	C44	150	C54	183	C64	182
C5	182	C15	182	C25	150	C35	183	C45	142	C55	182	C65	182
C6	146	C16	146	C26	182	C36	150	C46	150	C56	149	C66	183
C7	148	C17	148	C27	149	C37	149	C47	151	C57	150	C67	182
C8	151	C18	142	C28	150	C38	183	C48	150	C58	183	C68	148
C9	150	C19	150	C29	183	C39	182	C49	146	C59	146	C69	146
C10	183	C20	183	C30	150	C40	151	C50	148	C60	151	C70	148

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	183	C81	150	C91	150	C101	150	C111	182	C121	149	C131	183
C72	142	C82	149	C92	150	C102	183	C112	150	C122	150	C132	150
C73	182	C83	182	C93	151	C103	182	C113	150	C123	183	C133	183
C74	182	C84	182	C94	181	C104	150	C114	149	C124	182	C134	150
C75	150	C85	183	C95	183	C105	150	C115	150	C125	181	C135	149
C76	182	C86	150	C96	150	C106	150	C116	182	C126	183	C136	182
C77	183	C87	149	C97	151	C107	150	C117	150	C127	183	C137	150
C78	149	C88	150	C98	150	C108	183	C118	150	C128	151	C138	182
C79	150	C89	182	C99	182	C109	182	C119	183	C129	150	C139	182
C80	183	C90	150	C100	150	C110	150	C120	182	C130	182	C140	183

34.IPU Board (B188)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C141	182	C151	150	C161	183	C171	150	C181	182	C191	150	C201	184
C142	183	C152	150	C162	150	C172	151	C182	143	C192	150	C202	182
---	---	C153	182	C163	149	C173	140	C183	150	C193	150	C203	183
C144	182	C154	183	C164	150	C174	141	C184	143	C194	144	C204	148
C145	150	C155	150	C165	182	C175	143	C185	151	C195	183	C205	146
C146	150	C156	151	C166	182	C176	143	C186	150	C196	182	C206	149
C147	149	C157	142	C167	183	C177	146	C187	143	C197	150	C207	150
C148	150	C158	182	C168	148	C178	150	C188	143	C198	150	C208	183
C149	145	C159	150	C169	182	C179	149	C189	151	C199	183	C209	182
C150	151	C160	182	C170	183	C180	150	C190	147	C200	182	C210	149

CAPACHITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C211	150	C221	182	C231	150	C241	144	C251	183	C261	146	C271	150
C212	183	C222	150	C232	150	C242	184	C252	148	C262	182	C272	148
C213	182	C223	183	C233	184	C243	144	C253	150	C263	183	C273	183
C214	150	C224	182	C234	144	C244	184	C254	182	C264	150	C274	146
C215	182	C225	183	C235	147	C245	148	C255	146	C265	148	C275	148
C216	182	C226	150	---	---	C246	146	C256	183	C266	182	C276	146
C217	150	C227	182	C237	150	C247	182	C257	148	C267	146	C277	182
C218	149	C228	151	C238	144	C248	183	C258	150	C268	182	C278	183
C219	150	C229	150	C239	184	C249	146	C259	183	C269	182	C279	146
C220	183	C230	150	---	---	C250	150	C260	148	C270	150	C280	150

34.IPU Board (B188)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C281	183	C291	183	C301	183	C311	183	C321	143	C331	183	C341	150
C282	148	C292	148	C302	143	C312	143	C322	183	C332	143	C342	182
C283	150	C293	150	C303	183	C313	183	C323	143	C333	143	C343	149
C284	182	C294	182	C304	143	C314	143	C324	143	C334	183	C344	149
C285	148	C295	183	C305	143	C315	183	C325	183	C335	150	C345	150
C286	146	C296	183	C306	143	C316	143	C326	183	C336	182	C346	182
C287	182	C297	183	C307	143	C317	183	C327	183	C337	182	C347	184
C288	183	C298	143	C308	183	C318	143	C328	143	C338	182	C348	184
C289	146	C299	143	C309	183	C319	143	C329	183	C339	150	C349	184
C290	150	C300	143	C310	183	C320	183	C330	143	C340	182	C350	184

CAPACITOR

SYMBOL NO.	INDEX NO.
C351	184
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CONNECTOR

SYMBOL NO.	INDEX NO.
CN411	106
CN412	108
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SYMBOL NO.	INDEX NO.
CN421	103
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CN427	104
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CN430	109

SYMBOL NO.	INDEX NO.
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CN432	105
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CN435	107
CN436	101
CN437	102

DIODE

SYMBOL NO.	INDEX NO.
D1	114
D2	114
D3	114
D4	114
D5	114

DA

SYMBOL NO.	INDEX NO.
DA1	115

FILTER

SYMBOL NO.	INDEX NO.
FIL1	154
FIL2	154
FIL3	154
FIL4	153
FIL5	154
FIL6	154
FIL7	154
FIL8	154
FIL9	153
FIL10	154

34.IPU Board (B188)

FILTER

SYMBOL NO.	INDEX NO.
FIL11	153
FIL12	154
FIL13	154
FIL14	154
FIL15	154
FIL16	153
FIL17	153
FIL18	153
FIL19	153
FIL20	154

SYMBOL NO.	INDEX NO.
FIL21	153
FIL22	154
FIL23	152
FIL24	152
FIL25	152
FIL26	152
FIL27	154
FIL28	153
FIL29	154
FIL30	154

SYMBOL NO.	INDEX NO.
FIL31	154
FIL32	154
FIL33	154
FIL34	154
FIL35	154
FIL36	154
FIL37	154
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FIL39	154
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SYMBOL NO.	INDEX NO.
FIL41	154
FIL42	154
FIL43	154
FIL44	154
FIL45	154
FIL46	154
FIL47	154
FIL48	154
FIL49	154
FIL50	154

FUSE

SYMBOL NO.	INDEX NO.
FU1	110
FU2	110

IC

SYMBOL NO.	INDEX NO.
IC1	125
IC2	125
IC3	124
IC4	125
IC5	125
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IC7	121
IC8	120
IC8	122
IC9	122
IC10	---

SYMBOL NO.	INDEX NO.
IC11	120
IC12	123
IC13	127
IC14	125
IC15	118
IC16	119
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IC20	126

JP

SYMBOL NO.	INDEX NO.
JP1	162
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JP4	162
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JP7	162
JP8	162
JP9	162
JP10	162

SYMBOL NO.	INDEX NO.
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JP25	162
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JP58	162
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SYMBOL NO.	INDEX NO.
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JP66	162

LED

SYMBOL NO.	INDEX NO.
LED1	117
LED2	117
LED3	117
LED4	117
LED5	116

OSC

SYMBOL NO.	INDEX NO.
OSC1	133
OSC2	132

Q

SYMBOL NO.	INDEX NO.
Q1	112
Q2	113
Q3	113
Q4	113
Q5	112
Q6	112
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Q8	113
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Q10	113

SYMBOL NO.	INDEX NO.
Q11	113

34.IPU Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R1	166	R11	164	R21	166	R31	172	R41	168	R51	167	R61	166
R2	166	R12	166	R22	165	R32	172	R42	172	R52	175	---	---
R3	164	R13	178	R23	166	R33	179	R43	179	R53	165	R63	166
R4	166	R14	178	R24	167	R34	179	R44	179	R54	174	R64	166
R5	165	R15	170	---	---	R35	179	R45	179	R55	166	R65	164
R6	170	R16	164	R26	165	R36	167	R46	179	R56	166	---	---
R7	170	R17	166	R27	166	R37	167	R47	167	R57	165	R67	176
R8	164	R18	180	---	---	R38	166	R48	176	---	---	R68	165
R9	170	R19	180	R29	165	R39	166	R49	172	R59	165	R69	165
R10	166	R20	180	R30	168	R40	164	R50	179	R60	165	R70	165

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R71	165	R81	169	---	---	R101	165	R111	166	R121	166	R131	165
R72	175	R82	167	---	---	R102	166	R112	166	R122	165	R132	166
R73	175	R83	176	R93	177	R103	166	R113	175	R123	165	R133	165
R74	165	R84	176	R94	165	R104	165	R114	166	R124	174	R134	165
R75	165	---	---	R95	168	R105	174	R115	166	R125	165	R135	165
---	---	R86	166	---	---	R106	174	---	---	R126	165	R136	165
R77	176	R87	164	R97	168	R107	174	R117	174	R127	175	R137	175
---	---	R88	176	R98	166	R108	174	R118	166	R128	165	R138	176
---	---	R89	165	R99	171	R109	166	R119	166	R129	174	R139	166
R80	170	R90	173	R100	166	R110	166	R120	166	R130	166	R140	164

34.IPU Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R141	165	R151	166	R161	166	R171	175	R181	175	R201	164	REG1	131
R142	166	R152	165	R162	166	R172	176	R182	175	R202	164	REG2	131
---	---	R153	171	R163	165	R173	161	R183	175	R203	164	REG3	131
R144	171	---	---	R164	165	R174	161	R184	164	R204	164	REG4	131
R145	165	---	---	R165	171	R175	165	---	---	R205	166	REG5	131
R146	165	R156	165	---	---	R176	165	---	---	R206	165	REG6	130
R147	166	R157	165	R167	166	R177	165	---	---			REG7	129
R148	166	R158	166	R168	161	R178	164	---	---			REG8	128
R149	166	R159	166	R169	161	R179	175	R199	163				
R150	165	R160	171	R170	161	R180	175	R200	164				

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN1	156	RN11	159	RN21	156	---	---	---	---	RN51	135	RN61	157
RN2	156	RN12	156	RN22	156	RN32	136	RN42	139	RN52	156	RN62	157
RN3	159	RN13	156	RN23	134	---	---	RN43	139	RN53	156	RN63	137
RN4	159	RN14	159	RN24	138	---	---	RN44	156	RN54	137	RN64	136
RN5	139	RN15	159	RN25	134	---	---	RN45	135	RN55	157	RN65	157
RN6	139	RN16	139	---	---	RN36	160	RN46	158	RN56	155	RN66	157
RN7	159	RN17	135	RN27	138	RN37	160	RN47	156	RN57	155	RN67	157
RN8	159	RN18	139	RN28	136	RN38	158	RN48	138	RN58	137	RN68	135
RN9	139	RN19	159	---	---	---	---	RN49	157	RN59	137	RN69	158
RN10	159	RN20	159	---	---	---	---	RN50	135	RN60	158	RN70	136

34.IPU Board (B188)

RN

SYMBOL NO.	INDEX NO.
RN71	157
RN72	156
RN73	156
RN74	156
RN75	156
RN76	156
RN77	156
RN78	136
RN79	155
RN80	155

SYMBOL NO.	INDEX NO.
RN81	135
RN82	156
RN83	135
RN84	158
RN85	138
RN86	156
RN87	156
RN88	158
RN89	156
RN90	138

SYMBOL NO.	INDEX NO.
RN91	135
RN92	135
RN93	135
RN94	135
RN95	138
RN96	156
RN97	156
RN98	158
RN99	156
RN100	138

SYMBOL NO.	INDEX NO.
RN101	158
RN102	135
RN103	156
RN104	135
RN105	135

SWITCH

SYMBOL NO.	INDEX NO.
SW2	111

34.IPU Board (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B188 5220	PCB:IPU	



Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4205	CT Header - 6P	
102	1102 6299	Connector - 6P	
103	1102 6395	Connector - 1P	
104	1102 6396	Connector - 1P	
105	1102 6594	Connector - 10P	
106	1102 8553	Connector - 3-353308-6	
107	1102 8781	Connector - 1-292207-2	
108	1102 9341	Connector - 140R-JUK-G-B	
109	1102 9606	Connector - 200RS-JUK-GB	
110	1107 1110	Fuse - Slt 6.3	
111	1204 2373	Key Board Switch - Skqdp	
112	1400 0637	Transistor - DTC144EUA	
113	1400 0754	Transistor - UMG1N	
114	1402 1185	Diode - ERA15-01 1A	
115	1402 1386	Diode - DA221	
116	1403 0907	Diode - SML-310LT	
117	1403 0953	LED - SML-310MT	
118	1407 5069	IC - DS90C363MTD	
119	1407 5090	IC - DS90CF364MTD	
120	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
121	1407 5366	IC - 74LVC08A TSSOP	
122	1407 5479	IC - Clock Generator - W180-53G	
123	1407 5630	IC - SN74LVC138APW	
124	1407 5705	IC - SN74LVC06APW	
125	1407 5896	Controller Image Processing RF5V861	
126	1407 5927	CMOS LOGIC:SN74LVC1G14DCK	
127	1408 0575	IC - M51957BFP	
128	1408 1233	Regulator - LM1117MP-3.3	
129	1408 1508	Series Regulator - PQ07VZ012Z	
130	1408 1818	Series Regulator - LM1117MP-1.8	
131	1408 1876	Regulator - LM1117DT-ADJ	
132	1503 0969	Crystal Oscillator - 27.3915MHZ	
133	1503 1170	Crystal Oscillator - 21.176MHZ	
134	1601 7757	Resistor 0Ω	
135	1601 7887	Resistor Array - 10K Ω ±5% 1/32W	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1601 7898	Resistor Array	
137	1601 7913	Resistor 22 Ω $\pm 5\%$ 1/32w	
138	1601 7959	Resistor	
139	1601 7960	Resistor Array - 100 Ω $\pm 5\%$ 1/16W	
140	1604 4672	Resistor - 100 μ F $\pm 20\%$ 50V	
141	1604 4893	Resistor - 100 μ F $\pm 20\%$:25V	
142	1604 5044	Capacitor:1000uf: $\pm 20\%$:2.5V	
143	1604 5070	Capacitor:100uf: $\pm 20\%$:10V	
144	1605 1165	Capacitor:680pF: $\pm 5\%$:50V	
145	1605 1187	Ceramic Capacitor 0.047 μ F $\pm 10\%$ 50V	
146	1605 1224	Capacitor 4.7 μ F $\pm 10\%$ 6.3V	
147	1605 1225	Capacitor - 0.1 μ F $\pm 10\%$ 50V	
148	1605 1291	Capacitor:2.2uf: $\pm 10\%$:10V	
149	1605 1306	Capacitor - 1 μ F $\pm 10\%$ 10V	
150	1605 1353	Capacitor - 0.1 μ F $\pm 10\%$ 25V	
151	1605 1406	Capacitor - 10 μ F $\pm 10\%$ 6.3V	
152	1607 0112	Inductor	
153	1607 0861	Filter - BK2125HS101	
154	1607 1351	Filter BLM21PG221SN1B	
155	1609 0005	Resistor:33 Ω $\pm 5\%$:1/16W	
156	1609 0006	Resistor:10k Ω $\pm 5\%$:1/16W	
157	1609 0011	Resistor:22 Ω $\pm 5\%$:1/16W	
158	1609 0015	Resistor - 1K Ω $\pm 5\%$:1/16W	
159	1609 0025	Resistor - 100 Ω $\pm 5\%$ 1/16W	
160	1609 0026	Resistor - 47 Ω $\pm 5\%$ 1/16W	
161	1610 1777	Resistor - 5.1 Ω $\pm 1\%$ 1/10W	
162	1634 0000	Resistor - 0 Ω 1/16W	
163	1650 4680	Resistor - 68 Ω $\pm 5\%$ 1/10W	
164	1654 1000	Resistor - 100 Ω $\pm 1\%$ 1/10W	
165	1654 1001	Resistor - 1K Ω $\pm 1\%$ 1/10W	
166	1654 1002	Resistor - 10K Ω $\pm 5\%$ 1/10W	
167	1654 1003	Resistor - 100K Ω $\pm 1\%$ 1/10W	
168	1654 1009	Resistor - 10 Ω $\pm 1\%$ 1/10W	
169	1654 1103	Resistor - 110K Ω $\pm 1\%$ 1/10W	
170	1654 1210	Resistor - 121 Ω $\pm 1\%$ 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1654 1500	Resistor - 150 Ω $\pm 1\%$ 1/10W	
172	1654 1509	Chip Resistor:15 Ω : $\pm 1\%$:1/10W	
173	1654 1651	Resistor - 1.65K Ω $\pm 1\%$ 1/10W	
174	1654 2209	Resistor - 22 Ω $\pm 1\%$ 1/10W	
175	1654 3309	Resistor - 33 Ω $\pm 1\%$ 1/10W	
176	1654 4701	Resistor - 4.7K Ω $\pm 1\%$ 1/10W	
177	1654 4990	Resistor - 499 Ω $\pm 1\%$ 1/10W	
178	1654 5100	Resistor:510 Ω : $\pm 1\%$:1/10W	
179	1654 5109	Resistor:51 Ω : $\pm 1\%$:1/10W	
180	1654 6200	Resistor - 620 Ω $\pm 1\%$ 1/10W	
181	1660 2221	Capacitor - 220pF +80-20% 50V	
182	1660 2471	Capacitor - 470pF - $\pm 5\%$ - 50V	
183	1660 4103	Capacitor - 10000pF - $\pm 10\%$ - 50V	
184	1660 4222	Capacitor - 2200pF - $\pm 10\%$ - 50V	

35.IOB Board (B188)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	195	C11	194	C21	195	C31	161	C41	194	C51	195	C61	194
C2	195	C12	194	C22	195	C32	195	C42	194	C52	194	C62	194
C3	194	C13	194	C23	195	C33	165	C43	194	C53	194	C63	194
C4	194	C14	194	C24	194	C34	158	C44	194	C54	194	C64	195
---	---	C15	194	C25	194	C35	194	C45	195	C55	194	C65	195
C6	195	C16	194	C26	194	C36	194	C46	165	C56	194	C66	194
C7	195	C17	194	C27	194	C37	194	C47	163	C57	194	C67	194
C8	165	C18	194	C28	195	C38	194	C48	194	C58	194	C68	195
C9	161	C19	194	C29	194	C39	194	C49	194	C59	194	C69	163
C10	194	C20	194	C30	165	C40	194	C50	194	C60	194	C70	163

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	165	C81	195	C91	194	C101	158	C111	195	C121	194	C131	194
C72	158	C82	195	C92	161	C102	165	C112	194	C122	194	C132	195
C73	165	C83	162	C93	165	C103	165	C113	194	C123	194	C133	194
C74	166	C84	195	C94	165	C104	165	C114	195	C124	164	C134	194
C75	194	C85	194	C95	165	C105	165	C115	194	C125	194	C135	194
C76	194	C86	194	C96	163	C106	165	C116	194	C126	194	C136	194
C77	194	C87	164	C97	159	C107	163	C117	194	C127	195	C137	195
C78	194	C88	195	C98	194	C108	163	C118	195	C128	194	C138	194
C79	194	C89	194	C99	194	C109	194	C119	194	C129	194	C139	194
C80	160	C90	194	C100	158	C110	194	C120	195	C130	165	C140	194

35.IOB Board (B188)

CAPACITOR

SYMBOL NO.	INDEX NO.
C141	194
C142	195
C143	195
C144	194
C145	194
C146	165
C147	163
C148	195
C149	165
C150	165

SYMBOL NO.	INDEX NO.
C151	161
C152	159
C153	195
C154	195
C155	195
C156	195
C157	195
C158	161
C159	194
C160	193

SYMBOL NO.	INDEX NO.
C161	194
C162	194
C163	194
C164	165
C165	159
---	---
---	---
---	---
---	---

CONNECTOR

SYMBOL NO.	INDEX NO.
CN200	126
CN201	124
CN202	118
---	---
CN204	121
CN205	104
CN206	117
CN207	111
---	---
---	---

SYMBOL NO.	INDEX NO.
CN210	106
CN211	115
CN212	116
CN213	114
---	---
CN215	101
---	---
---	---
CN218	113
---	---
CN220	120

SYMBOL NO.	INDEX NO.
CN221	119
CN222	123
CN223	108
---	---
---	---
---	---
---	---
---	---
CN230	105

SYMBOL NO.	INDEX NO.
CN231	112
CN232	102
CN233	109
---	---
CN235	107
CN236	125
CN237	110
CN238	103
CN239	122

DIODE

SYMBOL NO.	INDEX NO.
D1	134
D2	134
D3	134
D4	134

DA

SYMBOL NO.	INDEX NO.
DA1	133
DA2	133
DA3	133
DA4	133
DA5	133
DA6	133
DA7	135
DA8	135
DA9	135
DA10	133

SYMBOL NO.	INDEX NO.
DA11	135
DA12	135
DA13	135

DZ

SYMBOL NO.	INDEX NO.
DZ1	136
DZ2	136
DZ3	136

FUSE

SYMBOL NO.	INDEX NO.
FU1	127

IC

SYMBOL NO.	INDEX NO.
IC1	145
IC2	145
IC3	142
IC4	153
IC5	148
IC6	148
IC7	142
IC8	146
IC9	145
IC10	138

SYMBOL NO.	INDEX NO.
IC11	147
IC12	138
IC13	143
IC14	152
IC15	145
IC16	149
IC17	147
IC18	153
IC19	146
IC20	153

SYMBOL NO.	INDEX NO.
IC21	145
IC22	145
IC23	144
IC24	144
IC25	139
IC26	148
IC27	146
IC28	152

35.IOB Board (B188)

JP

SYMBOL NO.	INDEX NO.
JP1	168
JP2	168

Q

SYMBOL NO.	INDEX NO.
Q1	132
Q2	150
Q3	140
Q4	141
Q5	140
Q6	137
Q7	129
Q8	140
Q9	130
Q10	131

RESISTOR

SYMBOL NO.	INDEX NO.
R1	176
R2	173
R3	176
R4	173
R5	175
R6	173
R7	176
R8	173
R9	173
R10	176

SYMBOL NO.	INDEX NO.
R11	176
R12	173
R13	173
R14	176
R15	173
R16	176
R17	176
R18	176
R19	176
R20	176

SYMBOL NO.	INDEX NO.
R21	176
R22	178
R23	171
R24	175
R25	175
R26	174
R27	187
R28	176
---	---
R30	187

SYMBOL NO.	INDEX NO.
R31	176
R32	174
R33	175
R34	175
R35	175
R36	175
R37	176
R38	176
R39	176
R40	176

SYMBOL NO.	INDEX NO.
R41	181
R42	186
R43	186
R44	176
R45	176
R46	173
R47	177
R48	176
R49	176
R50	176

RESISTOR

SYMBOL NO.	INDEX NO.
R51	176
R52	176
R53	176
R54	175
R55	192
R56	176
R57	176
R58	170
R59	170
R60	170

SYMBOL NO.	INDEX NO.
R61	170
R62	170
R63	170
R64	170
R65	170
R66	173
R67	175
R68	175
R69	173
R70	180

SYMBOL NO.	INDEX NO.
R71	186
R72	175
R73	173
R74	176
R75	176
R76	176
R77	186
R78	180
R79	175
R80	175

SYMBOL NO.	INDEX NO.
R81	173
R82	177
R83	175
R84	175
R85	177
R86	176
R87	175
R88	173
R89	176
R90	175

SYMBOL NO.	INDEX NO.
R91	173
R92	180
R93	186
R94	175
R95	173
R96	175
R97	173
R98	176
R99	176
R100	176

SYMBOL NO.	INDEX NO.
R101	176
R102	176
R103	185
R104	185
R105	185
R106	185
R107	185
R108	185
R109	173
R110	175

SYMBOL NO.	INDEX NO.
R111	176
R112	173
R113	175
R114	176
R115	184
R116	184
R117	176
R118	175
R119	176
R120	175

35.IOB Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R121	175	R131	173	R141	176	R151	173	R161	176	R171	169	R181	176
R122	176	R132	173	R142	176	R152	173	R162	176	R172	173	R182	176
R123	176	R133	173	R143	176	R153	173	R163	176	R173	179	R183	176
R124	172	R134	173	R144	176	R154	175	R164	182	R174	179	R184	175
R125	175	R135	173	R145	176	R155	175	R165	175	R175	186	R185	176
R126	175	R136	167	R146	176	R156	186	R166	175	R176	176	R186	176
R127	175	R137	176	R147	176	R157	186	R167	175	R177	176	R187	176
R128	175	R138	174	R148	176	R158	180	R168	175	R178	188	R188	176
R129	175	R139	175	R149	175	R159	180	R169	173	R179	188	R189	175
R130	172	R140	176	R150	176	R160	182	R170	173	R180	176	R190	173

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R191	176	R201	176	R211	175	R221	177	R231	186	R241	175	R251	176
R192	176	R202	175	R212	173	R222	190	R232	189	R242	176	R252	173
R193	176	R203	176	R213	175	R223	177	R233	190	R243	173	R253	173
R194	176	R204	176	R214	175	R224	175	R234	175	R244	175	R254	176
R195	176	R205	176	R215	173	R225	177	R235	186	R245	183	R255	175
R196	176	R206	176	R216	191	R226	186	R236	172	R246	173	R256	175
R197	176	R207	176	R217	175	R227	176	R237	173	R247	175	R257	176
R198	176	R208	176	R218	190	R228	177	R238	175	R248	175	R258	176
R199	176	R209	176	R219	189	R229	175	R239	175	R249	176	R259	180
R200	176	R210	175	R220	175	R230	181	R240	173	R250	172	R260	186

35.IOB Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.
R261	175
R262	173
R263	176
R264	176
R265	189
R266	175
R267	177
R268	177
R269	175
R270	177

SYMBOL NO.	INDEX NO.
R271	177
R272	175
R273	189
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---	---
---	---
---	---
R990	186

SYMBOL NO.	INDEX NO.
R991	176
---	---
---	---
---	---
R995	176

REG

SYMBOL NO.	INDEX NO.
REG1	151

RN

SYMBOL NO.	INDEX NO.
RN1	156
RN2	156
RN3	154
RN4	154
RN5	154
RN6	156
RN7	154
RN8	156
RN9	156
RN10	154

SYMBOL NO.	INDEX NO.
RN11	154
RN12	154
RN13	155
RN14	156
RN15	156
RN16	155
RN17	154
RN18	154
RN19	154
RN20	154

SYMBOL NO.	INDEX NO.
RN21	155
RN22	156
RN23	156
RN24	155
RN25	154
RN26	154
RN27	157
RN28	157
RN29	157
RN30	154

SYMBOL NO.	INDEX NO.
RN31	154
RN32	154
RN33	154
RN34	154
RN35	154
RN36	154
RN37	154
RN38	154
RN39	154
---	---

RN

SYMBOL NO.	INDEX NO.
RN41	154
RN42	154
RN43	154
RN44	154
RN45	154
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---	---
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RN340	154

RESISTOR

SYMBOL NO.	INDEX NO.
SW1	128

35.IOB Board (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B188 5130	PCB:IOB	

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 2391	Connector - HIF3FB-40PA-2.54DSA	
102	1102 3822	Connector - 20P	
103	1102 4203	CT Header - 4P	
104	1102 4204	CT Header - 5P	
105	1102 4967	CONNECTOR:J3595-6002BL	
106	1102 5302	Connector - 3P	
107	1102 5303	Connector - 4P	
108	1102 5304	Connector - 5P	
109	1102 6296	Connector - 3P	
110	1102 6299	Connector - 6P	
111	1102 6306	Connector - 13P	
112	1102 6311	Connector - 4P	
113	1102 6396	Connector - 1P	
114	1102 6397	Box Header	
115	1102 6399	Connector - 22P	
116	1102 6400	Connector - 24P	
117	1102 6401	Connector - 26P	
118	1102 6403	Connector - 30P	
119	1102 6592	Connector - 8P	
120	1102 6596	Connector	
121	1102 6890	Connector - 40P	
122	1102 8469	Connector - 55447-0510	
123	1102 8472	Connector - 55447-0810	
124	1102 8554	Connector - 3-353308-8	
125	1102 9124	Connector:3-353308-0	
126	1102 9606	Connector - 200RS-JUK-GB	
127	1109 0002	IC-SMD200	
128	1204 1543	DIP Switch	
129	1400 0710	Transistor - 2SB1240	
130	1400 0730	Transistor - 2SD1782K	
131	1400 0775	Transistor - 2SC4081	
132	1401 0972	Transistor-2SB1260	
133	1402 1322	Diode Array - DAN202U	
134	1402 1336	Diode - 1SS355	
135	1402 1584	Diode - DAN217U	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1663	Diode - ZTP12B	
137	1407 1535	IC - TD62308AP	
138	1407 2187	TTLIC - SN74LS07NS	
139	1407 2218	TTLIC - SN74LS06NS	
140	1407 2231	IC - TD62308AF	
141	1407 2344	IC - TD62382F	
142	1407 5344	IC - SN74LV02APW	
143	1407 5345	IC-SN74LV04APW	
144	1407 5350	IC - SN74LV00APW	
145	1407 5469	IC - SN74LV07APW	
146	1407 5594	IC:CD4066BPW	
147	1407 5642	IC - TE7753	
148	1407 5713	IC:SN74LV06APW	
149	1407 6027	Motor Control IC - TA7291AP	
150	1408 0874	Transistor Array - M54587FP	
151	1408 1401	Series Regulator - TA7808F	
152	1408 1550	IC - LM2902PW	
153	1408 1911	Comparator - LM2903PW	
154	1601 7752	Resistor Array - 10K Ω $\pm 5\%$	
155	1601 7781	Resistor - 10 Ω $\pm 5\%$	
156	1601 7791	Resistor Array - 1K Ω $\pm 5\%$	
157	1601 7796	Resistor Array - 2.2K Ω	
158	1604 4552	Capacitor - 22 μ F $\pm 20\%$ 50V	
159	1604 4661	Capacitor - 100 μ F $\pm 20\%$ 50V	
160	1604 4708	Capacitor - 10 μ F $\pm 20\%$ 50V	
161	1604 4733	Capacitor - 100 μ F $\pm 20\%$ 10V	
162	1604 4734	Capacitor - 47 μ F $\pm 20\%$ 25V	
163	1604 4825	Capacitor - 220 μ F $\pm 20\%$ 35V	
164	1605 1137	Capacitor - 470pF $\pm 10\%$ 50V	
165	1605 1148	Capacitor - 0.1 μ F+80-20% 50V	
166	1605 1287	Capacitor - 0.47 μ F+80-20% 25V	
167	1610 1637	Resistor:1 Ω : $\pm 1\%$:1/2W:3216	
168	1632 0000	Resistor - 0 Ω 1/8W	
169	1650 2101	Resistor - 100 Ω $\pm 5\%$ 1/4W	
170	1650 2161	Resistor - 160 Ω $\pm 5\%$ 1/4W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 2222	Resistor - 2.2K Ω $\pm 5\%$ 1/4W	
172	1650 2431	Resistor - 430 Ω $\pm 5\%$ 1/4W	
173	1650 4100	Resistor - 10 Ω $\pm 5\%$ 1/10W	
174	1650 4101	Resistor - 100 Ω $\pm 5\%$ 1/10W	
175	1650 4102	Resistor - 1K Ω $\pm 5\%$ 1/10W	
176	1650 4103	Resistor - 10K Ω $\pm 5\%$ 1/10W	
177	1650 4104	Resistor - 100K Ω $\pm 5\%$ 1/10W	
178	1650 4132	Resistor - 1.3K Ω $\pm 5\%$ 1/10W 1608	
179	1650 4154	Resistor 150k Ω $\pm 5\%$ 1/10W	
180	1650 4203	Resistor - 20K Ω $\pm 5\%$ 1/10W	
181	1650 4222	Resistor - 2.2K Ω $\pm 5\%$ 1/10W	
182	1650 4243	Resistor - 24K Ω $\pm 5\%$ 1/10W	
183	1650 4302	Resistor - 3K Ω $\pm 5\%$ 1/10W	
184	1650 4330	Chip Resistor - 33 Ω $\pm 5\%$ 1/10W	
185	1650 4393	Resistor - 39K Ω $\pm 5\%$ 1/10W	
186	1650 4472	Resistor - 4.7K Ω $\pm 5\%$ 1/10W	
187	1650 4473	Resistor - 47K Ω $\pm 5\%$ 1/10W	
188	1650 4513	Resistor - 51K Ω $\pm 5\%$ 1/10W	
189	1654 1403	Resistor:140k Ω : $\pm 1\%$:1/10w	
190	1654 1961	Resistor - 1.96K Ω $\pm 1\%$ 1/10W	
191	1654 3300	Chip Resistor:330 Ω : $\pm 1\%$:1/10W	
192	1654 6201	Resistor - 6.2K Ω $\pm 1\%$ 1/10W	
193	1660 2101	Capacitor - 100pF - $\pm 10\%$ - 50V	
194	1660 4103	Capacitor - 10000pF - $\pm 10\%$ - 50V	
195	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	

36.Controller Board (B188)

BAT

SYMBOL NO.	INDEX NO.
BAT1	114

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	205
C2	167
C3	168
C4	168
---	---
C6	168
C7	205
C8	196
C9	196
C10	196

SYMBOL NO.	INDEX NO.
C11	196
C12	169
C13	196
C14	196
C15	196
C16	196
C17	196
C18	193
C19	196
C20	196

SYMBOL NO.	INDEX NO.
C21	196
C22	196
C23	196
C24	196
C25	196
C26	196
C27	196
C28	196
C29	196
C30	196

SYMBOL NO.	INDEX NO.
C31	196
C32	196
C33	196
C34	196
C35	196
C36	196
C37	196
C38	196
C39	196
C40	177

SYMBOL NO.	INDEX NO.
C41	196
C42	196
C43	196
C44	187
C45	196
C46	187
C47	189
C48	196
C49	191
C50	196

SYMBOL NO.	INDEX NO.
C51	196
C52	196
C53	196
C54	196
---	---
C56	196
C57	196
C58	167
---	---
---	---

CAPACITOR

SYMBOL NO.	INDEX NO.
---	---
C62	198
C63	187
C64	196
C65	187
C66	189
C67	189
C68	167
C69	187
C70	187

SYMBOL NO.	INDEX NO.
C71	189
C72	187
C73	191
C74	198
C75	198
C76	189
C77	198
C78	198
C79	205
C80	167

SYMBOL NO.	INDEX NO.
C81	205
C82	171
---	---
---	---
C85	189
C86	187
C87	205
C88	206
C89	191
C90	176

SYMBOL NO.	INDEX NO.
C91	170
C92	189
C93	187
C94	189
C95	187
C96	176
C97	181
C98	196
C99	191
C100	187

SYMBOL NO.	INDEX NO.
C101	205
C102	189
---	---
C104	189
C105	187
C106	207
C107	170
---	---
C109	188
C110	191

SYMBOL NO.	INDEX NO.
---	---
C112	192
C113	197
C114	205
C115	189
---	---
C117	189
C118	205
C119	187
C120	187

SYMBOL NO.	INDEX NO.
C121	189
---	---
C123	187
C124	189
---	---
C126	189
C127	189
---	---
C129	189
---	---

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	---	---	C151	189	C161	187	C171	189	C181	196	C191	187
C132	187	---	---	C152	197	C162	189	C172	191	C182	196	C192	186
---	---	---	---	C153	197	C163	187	C173	198	C183	187	C193	187
C134	191	C144	191	C154	189	C164	196	C174	199	C184	189	C194	196
C135	191	---	---	C155	189	C165	187	C175	189	C185	187	C195	189
---	---	C146	191	C156	189	C166	202	C176	187	C186	189	C196	187
---	---	C147	191	C157	189	C167	187	C177	174	C187	187	C197	189
C138	191	---	---	C158	174	C168	196	C178	191	C188	174	C198	187
C139	191	C149	189	C159	174	C169	174	C179	187	C189	185	C199	185
---	---	C150	193	C160	172	C170	189	C180	185	C190	191	C200	196

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C201	187	C211	174	C221	189	C231	186	C241	197	C251	187	C261	187
C202	196	C212	198	C222	187	C232	196	C242	174	C252	196	C262	196
C203	189	C213	187	C223	174	C233	197	C243	196	C253	174	C263	189
C204	196	C214	208	C224	174	C234	189	---	---	C254	185	C264	187
C205	196	C215	191	C225	197	C235	187	C245	174	C255	187	C265	174
C206	185	C216	187	C226	187	C236	187	C246	191	C256	191	C266	196
C207	174	C217	189	C227	185	C237	189	C247	185	C257	185	C267	196
C208	185	C218	191	---	---	C238	208	C248	187	C258	196	C268	187
C209	187	C219	196	---	---	C239	199	C249	191	C259	196	C269	191
C210	197	C220	191	C230	186	C240	189	C250	174	C260	196	C270	196

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C271	187	C281	187	C291	197	C301	187	C311	189	C321	196	C331	174
---	---	C282	196	C292	187	C302	196	C312	292	C322	191	C332	191
C273	187	C283	185	C293	174	C303	196	C313	187	C323	196	C333	187
C274	174	C284	196	C294	196	C304	187	C314	187	C324	185	C334	185
C275	191	C285	185	C295	187	---	---	C315	196	C325	196	C335	196
C276	187	C286	187	C296	187	C306	187	C316	196	C326	190	---	---
C277	185	C287	196	C297	196	C307	196	C317	196	C327	189	C337	189
C278	187	C288	197	C298	187	C308	291	C318	196	C328	189	---	---
---	---	C289	196	C299	187	---	---	C319	174	C329	189	C339	189
C280	196	C290	191	C300	196	C310	292	C320	196	C330	187	C340	189

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C351	178	C361	185	C371	196	C381	185	C391	186	C401	196
C342	187	C352	178	C362	185	C372	189	C382	187	C392	191	C402	174
C343	187	C353	178	C363	187	C373	187	C383	186	C393	196	C403	197
C344	187	C354	178	C364	187	C374	187	C384	187	C394	196	C404	187
C345	187	C355	178	C365	187	C375	187	C385	187	C395	189	C405	187
C346	187	C356	178	C366	196	C376	189	C386	187	C396	189	C406	187
C347	189	C357	178	---	---	C377	174	C387	191	C397	191	C407	189
C348	178	C358	178	C368	191	C378	174	C388	191	C398	191	C408	187
C349	178	C359	187	C369	191	C379	189	C389	186	C399	191	C409	189
C350	178	C360	189	C370	191	C380	201	C390	186	C400	186	C410	186

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C411	191	C421	187	C431	189	C441	187	---	---	C461	187	C471	205
C412	186	C422	189	C432	191	C442	185	---	---	C462	187	C472	198
C413	186	C423	191	C433	187	C443	174	---	---	C463	187	C473	181
C414	186	C424	186	C434	185	C444	191	---	---	C464	187	C474	187
C415	196	C425	191	---	---	C445	196	---	---	C465	199	C475	194
C416	196	C426	191	C436	187	---	---	---	---	C466	189	C476	189
C417	183	C427	191	C437	191	C447	189	---	---	C467	189	C477	189
C418	195	C428	187	C438	187	C448	174	---	---	C468	178	---	---
C419	187	C429	187	C439	189	C449	174	---	---	C469	189	C479	189
C420	189	C430	185	C440	189	---	---	C460	187	---	---	C480	187

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C481	187	C491	187	---	---	---	---	---	---	C531	189	---	---
C482	189	---	---	---	---	---	---	---	---	C532	187	---	---
C483	187	---	---	---	---	---	---	---	---	C533	189	C543	187
---	---	C494	187	C504	187	---	---	C524	189	C534	187	---	---
C485	187	---	---	---	---	---	---	C525	189	C535	189	---	---
C486	189	---	---	C506	187	---	---	---	---	C536	189	C546	187
C487	189	---	---	C507	187	---	---	C527	189	C537	187	C547	187
C488	189	---	---	---	---	C518	189	---	---	C538	290	---	---
---	---	---	---	C509	187	---	---	C529	187	C539	203	---	---
C490	187	---	---	C510	189	---	---	C530	187	C540	199	---	---

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	---	---	C571	199	C581	187	C591	198	C601	196	---	---
C552	205	---	---	C572	174	C582	179	C592	205	C602	196	---	---
---	---	---	---	C573	174	C583	189	C593	204	C603	195	---	---
---	---	---	---	C574	174	C584	196	C594	191	C604	173	---	---
---	---	---	---	C575	191	C585	201	C595	205	C605	187	C615	175
---	---	C566	189	C576	191	C586	189	C596	205	C606	196	C616	184
---	---	C567	187	C577	191	C587	201	C597	205	---	---	C617	189
---	---	---	---	---	---	C588	189	C598	205	---	---	C618	187
---	---	C569	198	C579	187	C589	201	C599	191	---	---	C619	187
C560	205	---	---	C580	187	C590	189	C600	182	---	---	C620	196

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C621	196	C631	196	C641	196	C651	187	C661	199	C671	205	C681	204
C622	196	C632	196	C642	196	C652	201	C662	205	---	---	C682	193
C623	196	C633	196	C643	196	C653	201	C663	192	C673	205	C683	189
C624	196	C634	196	C644	196	C654	201	C664	193	C674	189	C684	189
---	---	C635	196	C645	195	C655	201	C665	199	C675	196	C685	190
C626	196	---	---	C646	182	C656	180	C666	189	C676	188	---	---
C627	196	C637	196	C647	201	C657	201	C667	200	C677	290	C687	196
C628	196	C638	196	C648	174	C658	189	C668	193	C678	195	C688	187
C629	196	C639	196	C649	187	C659	198	C669	192	C679	205	C689	196
C630	196	C640	196	C650	189	C660	205	C670	205	C680	205	C690	187

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CAPACITOR

SYMBOL NO.	INDEX NO.
C691	189
---	---
C693	189
C694	291
C695	196
C696	196
C697	196
C698	196
C699	196
C700	196

SYMBOL NO.	INDEX NO.
C701	199
C702	199
C703	199
---	---
---	---
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
C711	174
C712	168

CONNECTOR

SYMBOL NO.	INDEX NO.
CN100	105
CN101	110
CN102	110
---	---
---	---
---	---
CN106	104
CN107	104
CN108	104
CN109	106

SYMBOL NO.	INDEX NO.
CN110	106
CN111	103
CN112	101
CN113	108
CN114	107
CN115	102
---	---
CN117	109

DIODE

SYMBOL NO.	INDEX NO.
D1	120
D2	119
D3	119
D4	121
D5	121
D6	122
D7	122
D8	119
D9	119
D10	119

FILTER

SYMBOL NO.	INDEX NO.
FIL1	209
FIL2	209
---	---
---	---
FIL5	215
FIL6	217
FIL7	212
FIL8	217
FIL9	212
FIL10	215
---	---

FILTER

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
FIL19	210
---	---
FIL21	210

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
FIL31	217

FUSE

SYMBOL NO.	INDEX NO.
FU1	111
FU2	111

IC

SYMBOL NO.	INDEX NO.
IC1	153
---	---
IC3	132
IC4	132
---	---
---	---
IC7	136
IC8	147
IC9	155
IC10	126

SYMBOL NO.	INDEX NO.
IC11	126
IC12	---
IC13	133
IC14	127
IC15	154
IC16	136
IC17	156
IC18	146
IC19	134
IC20	150

SYMBOL NO.	INDEX NO.
IC21	139
IC22	124
---	---
IC24	128
IC25	130
IC26	141
IC27	152
IC28	137
---	---
---	---

SYMBOL NO.	INDEX NO.
IC31	143
IC32	132
IC33	124
---	---
IC35	293
IC36	129
IC37	144
IC38	140
IC39	155
IC40	149

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IC

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
IC44	125
---	---
IC46	142
IC47	135
---	---
IC49	---
---	---

SYMBOL NO.	INDEX NO.
IC51	151
---	---
IC53	131
---	---
IC55	145
IC56	138
IC57	145
IC58	142
IC59	154
---	---

SYMBOL NO.	INDEX NO.
---	---
IC62	148
---	---
---	---
---	---
IC66	136
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
IC73	136

L

SYMBOL NO.	INDEX NO.
L1	211
L2	213
L3	214
L4	214
---	---
L6	213
L7	213
L8	213
L9	213
L10	216

SYMBOL NO.	INDEX NO.
L11	218
L12	214

LED

SYMBOL NO.	INDEX NO.
LED1	123
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---

LED

SYMBOL NO.	INDEX NO.
LED11	123

OSC

SYMBOL NO.	INDEX NO.
OSC1	157
---	---
---	---
---	---
---	---
OSC6	158

Q

SYMBOL NO.	INDEX NO.
Q1	118
Q2	118
Q3	118
Q4	118
Q5	117
Q6	117
---	---
Q8	116
Q9	116
Q10	115

SYMBOL NO.	INDEX NO.
Q11	115
Q12	115
Q13	115
Q14	115
---	---
Q16	115

RESISTOR

SYMBOL NO.	INDEX NO.
R1	245
R2	237
R3	263
R4	239
R5	263
R6	255
R7	250
R8	250
R9	250
R10	256

SYMBOL NO.	INDEX NO.
R11	262
R12	237
R13	262
R14	238
R15	262
R16	256
R17	262
---	---
---	---
R20	250

SYMBOL NO.	INDEX NO.
R21	238
R22	262
R23	244
R24	255
R25	237
R26	262
R27	244
R28	252
R29	238
R30	262

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R31	262	R41	251	R51	255	R61	244	R71	235	R81	235	R91	250
R32	237	R42	251	R52	255	R62	258	R72	238	R82	244	---	---
---	---	R43	251	R53	255	R63	258	R73	235	R83	244	R93	250
R34	237	R44	251	R54	255	R64	258	R74	252	R84	252	R94	250
---	---	R45	251	R55	250	R65	250	---	---	R85	238	---	---
R36	244	R46	251	R56	250	R66	238	---	---	R86	252	---	---
R37	262	R47	251	R57	250	---	---	R77	244	R87	259	---	---
R38	262	R48	251	R58	250	R68	238	R78	244	R88	258	---	---
R39	262	R49	255	R59	244	---	---	R79	250	---	---	---	---
R40	262	R50	255	R60	244	R70	238	R80	235	R90	250	R100	250

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R111	229	R121	230	---	---	---	---	R151	235	R161	232
R102	232	R112	229	R122	230	R132	258	R142	250	R152	233	R162	232
R103	229	---	---	R123	230	R133	258	R143	258	R153	232	R163	237
R104	229	R114	229	R124	230	R134	258	R144	250	R154	232	R164	235
R105	229	R115	232	R125	250	R135	255	R145	250	R155	232	R165	250
R106	229	R116	232	---	---	R136	236	R146	250	R156	232	R166	250
R107	229	R117	230	---	---	---	---	R147	235	R157	232	R167	235
R108	229	R118	230	R128	252	---	---	R148	237	R158	232	---	---
R109	229	R119	230	---	---	R139	235	R149	229	R159	232	R169	238
R110	229	R120	230	---	---	R140	235	R150	229	R160	232	R170	235

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	252	---	---	R191	255	R201	250	---	---	---	---	---	---
R172	251	R182	229	---	---	R202	235	---	---	---	---	R232	235
R173	251	R183	229	R193	242	---	---	---	---	---	---	---	---
R174	252	R184	229	R194	240	---	---	---	---	---	---	R234	250
R175	231	R185	229	R195	268	R205	267	---	---	---	---	---	---
R176	232	R186	229	---	---	---	---	R216	235	---	---	---	---
---	---	R187	229	---	---	R207	238	R217	250	---	---	R247	250
---	---	R188	229	---	---	R208	269	---	---	---	---	---	---
R179	261	R189	229	R199	238	---	---	R219	266	R229	235	R249	250
R180	229	R190	229	---	---	R210	250	---	---	---	---	---	---

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	---	---	R271	237	R281	238	R291	238	---	---	R311	252
---	---	---	---	---	---	R282	228	R292	267	---	---	R312	244
---	---	R263	267	R273	228	---	---	R293	238	---	---	R313	238
R254	238	---	---	---	---	---	---	R294	238	---	---	R314	252
R255	238	---	---	---	---	---	---	R295	252	---	---	R315	244
---	---	---	---	R276	237	---	---	R296	252	---	---	R316	263
---	---	R267	238	---	---	R287	228	R297	252	R307	248	R317	263
---	---	R268	257	---	---	R288	228	R298	252	R308	250	R318	252
R259	267	R269	257	---	---	R289	228	R299	254	R309	248	R319	244
R260	243	---	---	---	---	R290	228	R300	252	---	---	R320	250

36.Controller Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R321	244	R331	238	---	---	R351	238	R361	255	R371	250	R381	267
R322	255	R332	250	---	---	R352	248	R362	239	R372	246	R382	250
R323	244	R333	241	R343	238	R353	238	R363	255	R373	244	R383	249
R324	238	R334	255	R344	238	R354	250	R364	239	R374	250	R384	252
R325	252	R335	238	---	---	R355	248	R365	263	R375	250	---	---
R326	244	R336	241	R346	238	R356	239	R366	255	R376	250	R386	255
R327	238	R337	255	---	---	R357	250	R367	255	R377	250	R387	236
R328	252	---	---	R348	250	R358	263	R368	252	R378	250	R388	250
R329	250	R339	252	---	---	R359	250	R369	250	R379	250	R389	255
R330	255	---	---	R350	250	R360	238	R370	244	R380	250	R390	236

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R391	236	R401	267	R411	248	R421	250	R431	267	---	---	---	---
---	---	R402	268	R412	238	R422	238	---	---	R442	238	R452	238
R393	252	R403	250	R413	250	R423	238	R433	229	R443	246	R453	237
R394	250	R404	250	R414	238	R424	242	R434	260	R444	238	R454	238
R395	252	R405	250	R415	250	R425	250	R435	250	R445	238	---	---
R396	238	R406	238	R416	250	R426	242	R436	229	R446	237	---	---
R397	238	---	---	R417	267	R427	250	R437	229	R447	235	R457	238
R398	277	R408	250	R418	238	R428	250	R438	229	R448	238	R458	241
R399	238	R409	250	R419	238	R429	267	R439	229	R449	241	R459	239
R400	238	---	---	R420	250	---	---	R440	250	R450	250	R460	238

36.Controller Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R461	238	R471	252	R481	274	R491	282	R501	237	---	---	R521	237
---	---	R472	246	R482	252	---	---	R502	273	R512	238	---	---
R463	252	R473	238	R483	237	R493	252	R503	237	R513	238	---	---
R464	250	R474	229	R484	269	---	---	R504	281	---	---	R524	250
---	---	R475	229	R485	252	---	---	---	---	R515	237	R525	252
R466	252	R476	229	R486	239	---	---	R506	238	---	---	---	---
R467	252	R477	229	R487	238	---	---	R507	237	R517	238	R527	252
R468	252	R478	229	R488	250	R498	237	---	---	R518	238	R528	286
R469	250	R479	228	R489	283	R499	238	R509	237	R519	250	---	---
R470	252	R480	228	---	---	R500	242	R510	250	R520	252	R530	238

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R541	238	---	---	---	---	---	---	R581	236	---	---
R532	238	---	---	---	---	R562	238	---	---	R582	228	R592	234
R533	235	---	---	R553	279	---	---	R573	238	---	---	---	---
---	---	---	---	R554	252	---	---	---	---	---	---	---	---
R535	250	---	---	R555	252	---	---	R575	236	---	---	---	---
---	---	---	---	R556	252	---	---	R576	238	---	---	---	---
R537	243	R547	250	R557	252	---	---	R577	238	R587	228	R597	283
---	---	R548	238	R558	238	---	---	R578	238	---	---	R598	243
---	---	---	---	---	---	R569	238	---	---	---	---	---	---
---	---	R550	238	R560	238	R570	238	R580	236	---	---	---	---

36.Controller Board (B188)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R611	265	R621	236	R631	272	R641	238	R651	235	R661	253
---	---	---	---	R622	236	R632	280	R642	250	R652	235	R662	238
---	---	---	---	R623	236	R633	239	---	---	R653	276	R663	264
---	---	---	---	R624	228	R634	269	R644	256	R654	235	R664	253
---	---	---	---	R625	228	R635	227	R645	238	R655	235	R665	238
R606	228	---	---	R626	228	R636	239	R646	288	R656	235	R666	264
R607	228	---	---	R627	228	R637	250	---	---	R657	264	R667	253
R608	228	R618	229	R628	239	R638	239	R648	226	R658	253	R668	238
R609	234	R619	229	R629	239	R639	238	R649	235	R659	238	R669	264
R610	229	R620	228	R630	239	R640	256	R650	235	R660	264	R670	253

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R671	238	R681	250	R691	250	R701	255	---	---	R731	263	R741	250
R672	264	R682	258	R692	250	R702	250	R722	237	R732	263	R742	250
R673	253	R683	238	R693	250	R703	250	R723	237	R733	263	R743	250
R674	238	R684	238	R694	250	R704	250	R724	238	R734	263	R744	252
R675	237	R685	238	R695	250	---	---	R725	250	R735	250	R745	239
---	---	R686	239	R696	250	---	---	R726	252	R736	250	R746	239
R677	237	R687	239	R697	252	R707	237	R727	263	R737	251	R747	238
R678	237	R688	239	R698	250	R708	237	R728	263	R738	250	R748	237
R679	239	R689	250	R699	250	---	---	R729	263	R739	250	R749	237
R680	250	R690	250	R700	250	R720	237	R730	263	R740	250	R750	237

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R761	239	R771	285	---	---	R791	239	R801	239	R811	238
R752	250	---	---	R772	289	R782	238	R792	247	R802	238	R812	238
---	---	R763	271	R773	269	R783	238	R793	247	R803	238	R813	238
---	---	R764	278	R774	284	R784	238	R794	247	R804	238	R814	267
---	---	R765	275	R775	254	R785	238	R795	239	R805	238	R815	267
R756	267	R766	270	R776	267	R786	238	R796	239	---	---	---	---
---	---	---	---	---	---	---	---	R797	239	---	---	---	---
R758	238	R768	287	R778	267	---	---	---	---	R808	238	---	---
R759	237	R769	269	R779	238	R789	267	R799	239	R809	238	---	---
---	---	R770	289	R780	238	---	---	R800	239	R810	238	---	---

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R1101	267	R1111	239	RN1	222	RN11	224	RN21	221	RN31	162
R902	238	---	---	---	---	RN2	222	RN12	223	RN22	221	RN32	225
---	---	R1103	238	---	---	RN3	224	RN13	222	RN23	219	RN33	223
---	---	R1104	238	---	---	RN4	222	RN14	166	RN24	223	RN34	225
---	---	R1105	267	---	---	RN5	224	RN15	223	RN25	219	RN35	225
---	---	---	---	---	---	RN6	224	RN16	221	RN26	162	RN36	223
---	---	---	---	R6947	252	RN7	224	RN17	221	RN27	223	RN37	224
---	---	---	---	---	---	RN8	224	RN18	219	RN28	159	RN38	224
---	---	R1109	238	---	---	RN9	224	RN19	223	RN29	224	RN39	224
---	---	R1110	238	---	---	RN10	224	RN20	219	RN30	225	RN40	224

RN

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RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN41	223	RN51	219	RN61	219	RN71	165	---	---	RN91	224	RN101	160
RN42	221	RN52	160	---	---	RN72	165	RN82	224	RN92	160	RN102	224
RN43	219	RN53	219	RN63	219	RN73	165	---	---	---	---	---	---
RN44	220	RN54	219	RN64	159	RN74	165	---	---	RN94	224	---	---
RN45	219	RN55	219	RN65	220	RN75	165	RN85	224	RN95	164	---	---
RN46	220	---	---	RN66	161	RN76	165	RN86	224	RN96	163	---	---
RN47	219	RN57	219	RN67	159	RN77	165	RN87	224	RN97	224	---	---
RN48	219	RN58	159	RN68	161	RN78	165	RN88	160	RN98	160	RN108	219
RN49	219	RN59	219	RN69	220	RN79	165	RN89	224	RN99	223	RN109	219
RN50	219	---	---	---	---	RN80	160	RN90	223	RN100	224		

SWITCH

SYMBOL NO.	INDEX NO.
SW1	112
SW2	113

36.Controller Board (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B188 5743	PCB:Type-BZ	

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 5303	Connector - 4P	
102	1102 7615	Connector - B8B-XH-A	
103	1102 9079	Connector - RHM-88PL-SDK11-1	
104	1102 9336	Connector:Fps009-2300-0	
105	1102 9535	Connector - 200PS-JUK-G-B	
106	1102 9686	Connector - RHM-176P-SDK11-U1L1C	
107	1102 9689	Connector 2-440091-4	
108	1102 9697	Connector:2-440091-5	
109	1102 9887	Connector:52588-3090	
110	1102 9928	Connector:29 6406 200 000 856	
111	1107 1099	Fuse Sst 5	
112	1204 1543	DIP Switch	
113	1204 2464	Swich:SKHMPSE010	
114	1206 0112	Primary Lithium Cell:CR1632/1F2	
115	1400 0730	Transistor - 2SD1782K	
116	1401 1209	IC - HAT2093R	
117	1401 1228	Fet:SI3433DV-E3	
118	1401 1296	Fet:TPC8115	
119	1402 1336	Diode - 1SS355	
120	1402 1365	Diode-RB751V-40	
121	1402 1698	Diode - RB	
122	1402 1709	Diode:EC21QS06G	
123	1403 1131	LED:SML-311UT	
124	1407 4919	IC - 74VHCT244 TSSOP	
125	1407 5274	CMOS Logic - 74LVCH162244A TSSOP	
126	1407 5300	CMOS Logic - 74LVC16244A TSSOP	
127	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
128	1407 5353	IC - SN74LV244APW	
129	1407 5369	IC - SN74AHCT32PW	
130	1407 5469	IC - SN74LV07APW	
131	1407 5523	Rom - I2C SOP 3V	
132	1407 5604	IC - SN74LVC16245ADGG	
133	1407 5733	IC:SN74ALVC244PW	
134	1407 6080	CMOS Logic:SN74LVCI2G04DCK	
135	1407 6100	IC:SN74LVC1G04DCK	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 6101	IC - SN74LVC2G17DCK	
137	1407 6123	IC SN74LVC2G125DCU	
138	1407 6127	Clock Generator:ICS960008AFLF	
139	1407 6145	IC:SN74LVC373APW	
140	1407 6161	Clock Generator:ICS960009AFLF	
141	1407 6187	CMOS Logic - SN74LVC1G07DCK	
142	1407 6204	CMOS Logic:SN74LVC2G07DCK	
143	1407 6255	CPU - RM7035C-600I-REV1.1	
144	1407 6265	Real Time Clock:R2025S	
145	1407 6268	CMOS Logic:SN74CBTLV3257PW	
146	1407 6335	CMOS Logic:SN74LVCLG17DCK	
147	1408 1750	IC - R3112Q231A	
148	1408 1778	IC:R3112Q101A	
149	1408 1815	IC - R3112Q151A	
150	1408 1826	IC - R3112Q421A	
151	1408 1956	IC:LTC3728LXCUH#TRPBF	
152	1408 1960	IC:LP2996LQ/NOPB	
153	1408 2034	IC:TPS62042DGQ	
154	1408 2053	IC:R3112Q291A-FA	
155	1408 2066	IC:TPS54310PWP	
156	1408 2132	IC:TPS54380PWP	
157	1503 0842	Oscillator - 14.31818MHZ	
158	1503 0947	Crystal Oscillator:25Mhz	
159	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
160	1601 7898	Resistor Array	
161	1601 7909	Resistor Array - 10 Ω $\pm$ 5% 1/32W	
162	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32w	
163	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
164	1601 7959	Resistor	
165	1601 7981	Resistor Array - 100K Ω $\pm$ 5% 1/16W	
166	1601 7987	Resistor Array - 82 Ω $\pm$ 5% 1/16W	
167	1604 4630	Capacitor - 100 μ F $\pm$ 20% 6.3V	
168	1604 4728	Capacitor - 100 μ F $\pm$ 20% 16V	
169	1604 4932	Capacitor - 100 μ F $\pm$ 20% 25V	
170	1604 4994	Capacitor - 100 μ F $\pm$ 20% 6.3V	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1604 5102	Capacitor:33uf: $\pm$ 20%:16V	
172	1605 1081	Capacitor - 10 μ F+80-20% 25V	
173	1605 1095	Capacitor:180pF: $\pm$ 5%:25V	
174	1605 1124	Capacitor - 4.7 μ F+80 -20% 10V	
175	1605 1165	Capacitor:680pF: $\pm$ 5%:50V	
176	1605 1194	Capacitor:3pf: $\pm$ 0.25pF:50V	
177	1605 1195	Capacitor:4pf: $\pm$ 0.25pF:50V	
178	1605 1200	Capacitor - 10PF $\pm$ 0.5pF 50V	
179	1605 1204	Capacitor-pF50V	
180	1605 1206	Capacitor - 47pF $\pm$ 5% 50V	
181	1605 1207	Capacitor - 68pF $\pm$ 5% 50V	
182	1605 1208	Capacitor:100pF: $\pm$ 5%:50V	
183	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
184	1605 1210	Capacitor:180pF: $\pm$ 5%:50V	
185	1605 1211	Capacitor - 220pF $\pm$ 10% 50V	
186	1605 1212	Capacitor - 470pF $\pm$ 10% 50V	
187	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
188	1605 1216	Capacitor - 2200pF $\pm$ 10%:50V	
189	1605 1221	Capacitor - 0.1 UF+80-20%:16V	
190	1605 1234	Capcitor:4700pF: $\pm$ 10%:50V	
191	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
192	1605 1249	Capacitor:0.047uf: $\pm$ 10%:16V	
193	1605 1282	Capacitor:22uf:+80-20%:10V	
194	1605 1283	Capacitor - 680pF $\pm$ 10% 50V	
195	1605 1284	Capacitor:1500pF: $\pm$ 10%:50V	
196	1605 1289	Capacitor - 0.1 μ F $\pm$ 10% 10V	
197	1605 1295	Capacitor:10uf:+80-20%:10V	
198	1605 1296	Capacitor - 330pF $\pm$ 10% 50V	
199	1605 1303	Capacitor - 0.01 μ F+80-20% 50V	
200	1605 1305	Capacitor - 1 μ F+80-20% 6.3V	
201	1605 1347	Capacitor - 1UF:+80-20%:16V	
202	1605 1353	Capacitor - 0.1 μ F $\pm$ 10% 25V	
203	1605 1354	Capacitor:1200pF: $\pm$ 5%:50V	
204	1605 1359	Capacitor - 10UF: $\pm$ 20%:16V	
205	1605 1391	Capacitor - 22UF: $\pm$ 20%:6.3V	

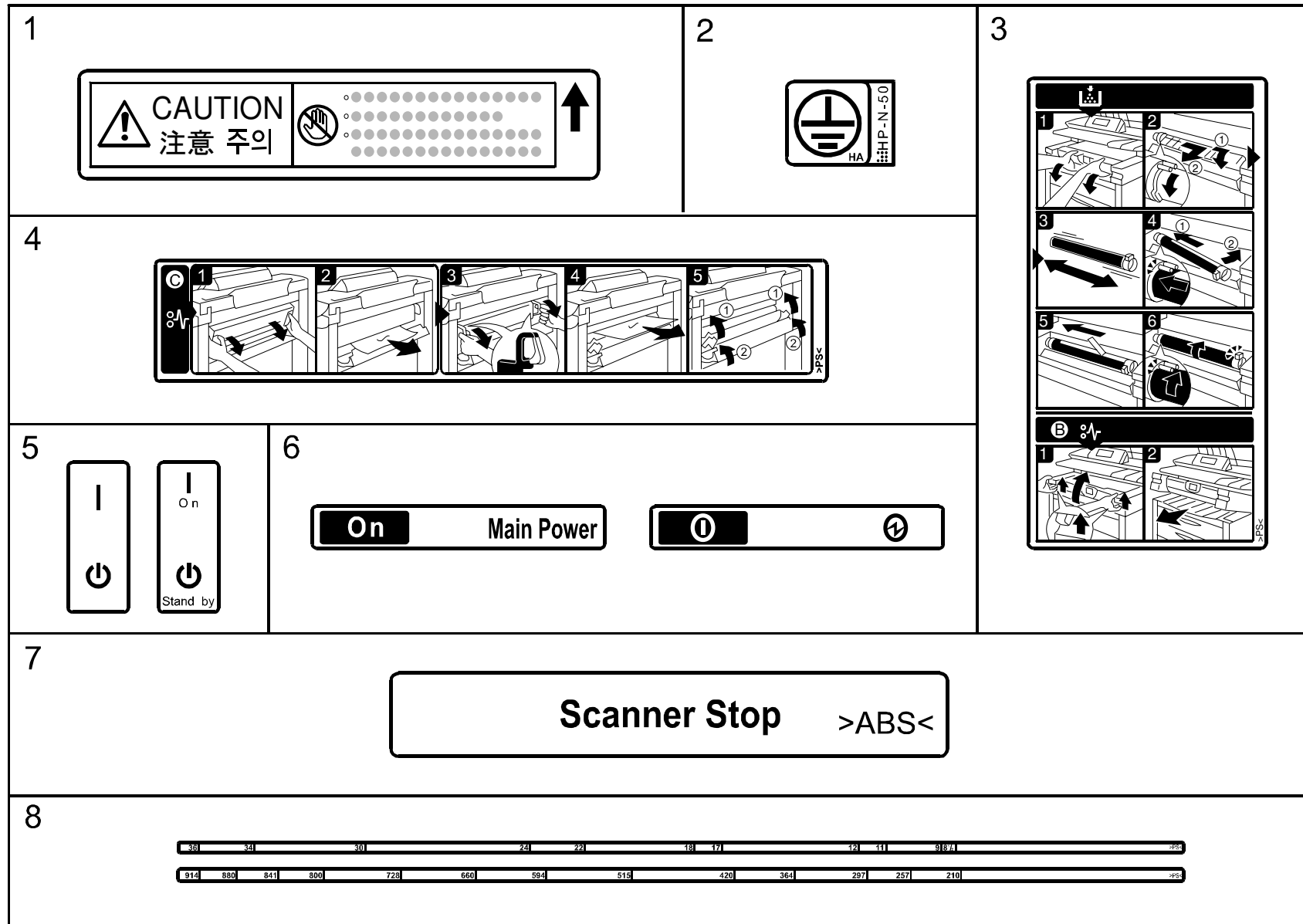
Index No.	Part No.	Description	Q'ty Per Assembly
206	1605 1406	Capacitor - 10 μ F $\pm$ 10% 6.3V	
207	1605 1416	Capacitor - 1800pF: $\pm$ 5%:50V	
208	1605 1417	Capacitor:47uf:+80-20%:10V	
209	1607 0978	Inductor - BLM21P300SPB	
210	1607 1061	Filter - BLM11P300SPB	
211	1607 1228	Inductor - SLF7045-4R7M2R0	
212	1607 1351	Filter BLM21PG221SN1B	
213	1607 1471	Inductor:LB2518B6R8M	
214	1607 1477	Inductor - RLF7030-4R7M3R4	
215	1607 1489	Filter - MMZ1608B301C	
216	1607 1556	Inductor:RLF7030-1R5N6R1	
217	1607 1567	Filter:MPZ2012S101A	
218	1607 1650	Inductor:RLF7030-6R8M2R8	
219	1609 0005	Resistor:33 Ω : $\pm$ 5%:1/16W	
220	1609 0006	Resistor:10k Ω : $\pm$ 5%:1/16W	
221	1609 0007	Resistor - 68 Ω $\pm$ 5% 1/16W	
222	1609 0008	Resistor:4.7k Ω : $\pm$ 5%:1/16W	
223	1609 0011	Resistor:22 Ω : $\pm$ 5%:1/16W	
224	1609 0016	Resistor:56 Ω : $\pm$ 5%:1/16W	
225	1609 0026	Resistor - 47 Ω $\pm$ 5% 1/16W	
226	1610 1734	Resistor:0.02 Ω : $\pm$ 1%:1W	
227	1610 1804	Resistor:0.006 Ω : $\pm$ 1%:1W	
228	1632 0000	Resistor - 0 Ω 1/8W	
229	1634 0000	Resistor - 0 Ω 1/16W	
230	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
231	1650 4150	Resistor - 15 Ω $\pm$ 5% 1/10W	
232	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
233	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	
234	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
235	1650 5100	Chip Resistor - 10 Ω $\pm$ 5%1/16W	
236	1650 5101	Chip Resistor - 100 Ω $\pm$ 5%1/16W	
237	1650 5102	Chip Resistor - 1k Ω $\pm$ 5%1/16W	
238	1650 5103	Chip Resistor - 10k Ω $\pm$ 5%1/16W	
239	1650 5104	Chip Resistor - 100k Ω $\pm$ 5%1/16W	
240	1650 5105	Chip Resistor - 1m Ω $\pm$ 5%1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
241	1650 5109	Chip Resistor 1 Ω $\pm$ 5% 1/16W	
242	1650 5122	Chip Resistor - 1.2k Ω $\pm$ 5%1/16W	
243	1650 5202	Chip Resistor:2k Ω : $\pm$ 5%:1/16W	
244	1650 5220	Resistor - 22 Ω $\pm$ 5% 1/16W	
245	1650 5221	Chip Resistor - 220 Ω $\pm$ 5%1/16W	
246	1650 5222	Resistor - 2.2K Ω $\pm$ 5% 1/16W	
247	1650 5229	Resistor:2.2 Ω : $\pm$ 5%:1/16w:1005	
248	1650 5272	Chip Resistor:2.7k Ω : $\pm$ 5%:1/16W	
249	1650 5273	Resistor:27k Ω : $\pm$ 5%:1/16W	
250	1650 5330	Chip Resistor - 33 Ω $\pm$ 5%1/16W	
251	1650 5470	Chip Resistor 47 Ω $\pm$ 5% 1/16W	
252	1650 5472	Chip Resistor:4.7k Ω : $\pm$ 5%:1/16W	
253	1650 5513	Chip Resistor:51k Ω : $\pm$ 5%:1/16W	
254	1650 5514	Chip Resistor:510k Ω : $\pm$ 5%:1/16W	
255	1650 5560	Chip Resistor 56 Ω $\pm$ 5% 1/16W	
256	1650 5562	Chip Resistor:5.6k Ω : $\pm$ 5%:1/16W	
257	1650 5621	Chip Resistor 620 Ω $\pm$ 5% 1/16W	
258	1650 5680	Resistor - 68 Ω $\pm$ 5% 1/16W	
259	1650 5681	Chip Resistor:680 Ω : $\pm$ 5%:1/16W	
260	1650 5683	Chip Resistor 68k Ω $\pm$ 5% 1/16W	
261	1650 5750	Chip Resistor:75 Ω : $\pm$ 5%:1/16W	
262	1650 5820	Chip Resistor:82 Ω : $\pm$ 5%:1/16W	
263	1650 5822	Chip Resistor:8.2k Ω : $\pm$ 5%:1/16W	
264	1650 5823	Chip Resistor:82k Ω : $\pm$ 5%:1/16W	
265	1654 1502	Resistor - 15K Ω $\pm$ 1% 1/10W	
266	1654 9761	Resistor:9.76k Ω $\pm$ 1% 1/10W	
267	1655 0000	Chip Resistor - 0 Ω $\pm$ 0%1/16W	
268	1655 1000	Chip Resistor:100 Ω : $\pm$ 1%:1/16W	
269	1655 1002	Chip Resistor - 10k Ω $\pm$ 1%1/16W	
270	1655 1022	Resistor:10.2k Ω : $\pm$ 1%:1/16W	
271	1655 1301	Chip Resistor:1.3k Ω : $\pm$ 1%:1/16W	
272	1655 1602	Resistor:16k Ω : $\pm$ 1%:1/16W	
273	1655 1651	Resistor:1.65k Ω : $\pm$ 1%:1/16W:1005	
274	1655 1800	Chip Resistor:180 Ω : $\pm$ 1%:1/16W	
275	1655 1912	Resistor:19.1k Ω : $\pm$ 1%:1/16W	

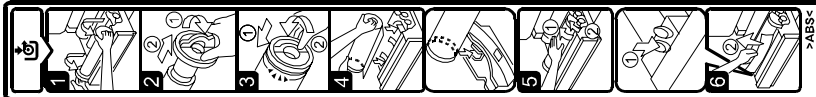
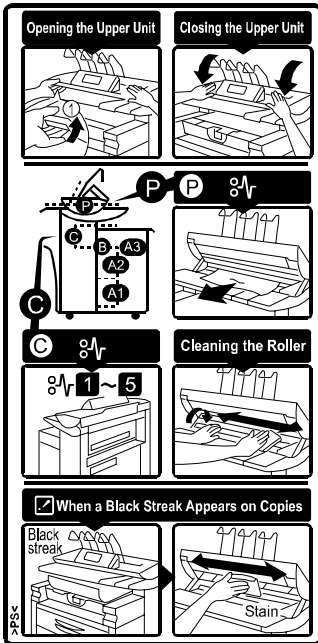
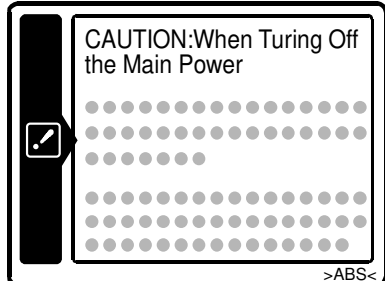
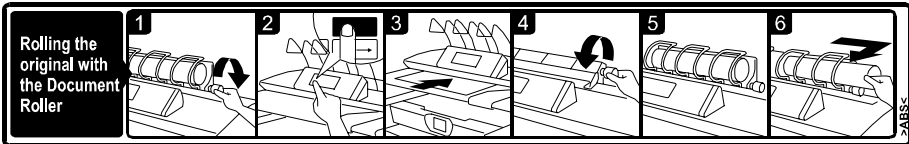
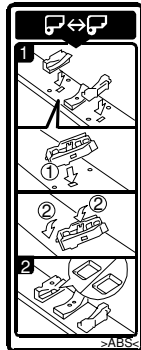
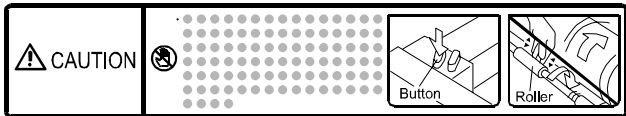
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276	1655 2002	Chip Resistor - 20k Ω $\pm$ 1%1/16W	
277	1655 2152	Chip Resistor:21.5k Ω : $\pm$ 1%:1/16W	
278	1655 2742	Resistor:27.4k Ω : $\pm$ 1%:1/16W	
279	1655 3000	Chip Resistor:300 Ω : $\pm$ 1%:1/16W	
280	1655 3402	Resistor:34k Ω : $\pm$ 1%:1/16W	
281	1655 3900	Resistor:390 Ω : $\pm$ 1%:1/16W	
282	1655 4321	Resistor:4.32k Ω : $\pm$ 1%:1/16W	
283	1655 4701	Chip Resistor - 4.7k Ω $\pm$ 1%1/16W	
284	1655 4870	Resistor:487 Ω : $\pm$ 1%:1/16W	
285	1655 6341	Resistor:6.34k Ω : $\pm$ 1%:1/16W	
286	1655 6342	Resistor:63.4k Ω : $\pm$ 1%:1/16W	
287	1655 7152	Resistor:71.5k Ω : $\pm$ 1%:1/16W	
288	1655 8251	Resistor:8.25k Ω : $\pm$ 1%:1/16W	
289	1655 9761	Resistor:9.76k Ω : $\pm$ 1%:1/16W	
290	1660 2121	Capacitor - 120pF $\pm$ 5% 50V	
291	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
292	1660 4472	Capacitor - 4700pF $\pm$ 10% 50V	
293	1906 0076	Flash Memory:MBM29PL12LM12PCN	

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

37.Decals and Documents (B188)

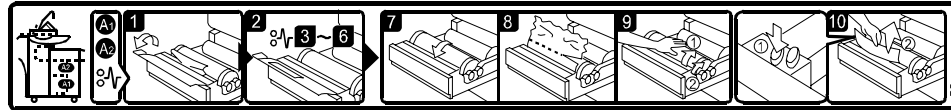


37.Decals and Documents (B188)

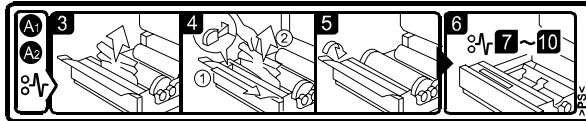
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37.Decals and Documents (B188)

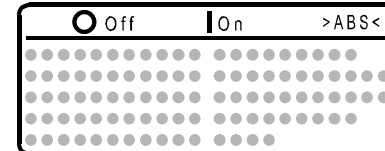
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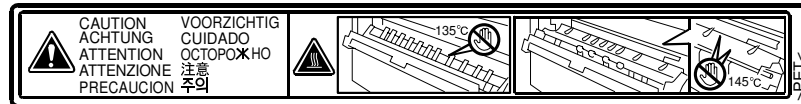
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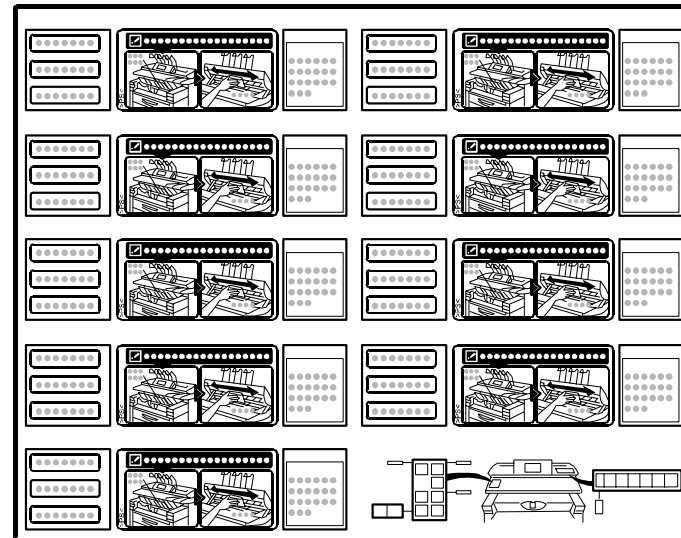
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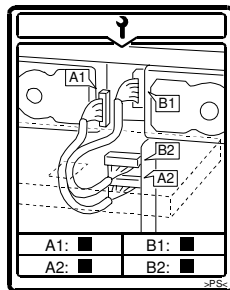
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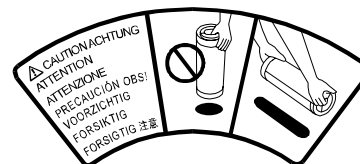
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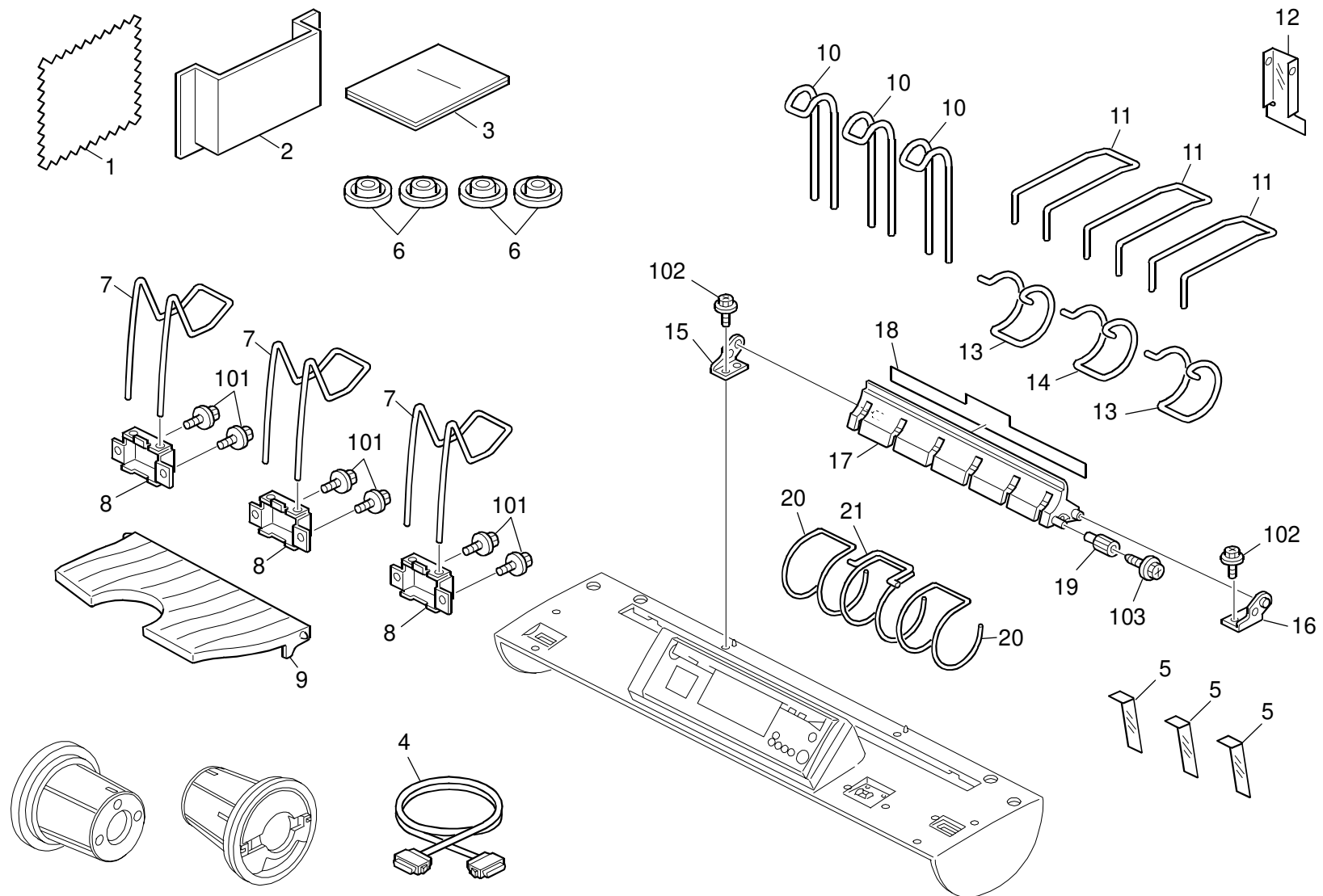


37.Decals and Documents (B188)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA00 0646	Decal:Cutter:Caution Chart:EXP	1
2	AA00 1190	Decal - Ground	1
3	B010 1281	Decal - Toner Operation	1
4	B010 1282	Decal - Operation Instructions	1
5	B010 1330	Decal - Main Power	1
5	B010 1331	Decal-Main Switch	1
6	B010 1332	Decal - Main Power	1
6	B010 1333	Decal-Main Power	1
7	B010 1334	Decal-Scanner Stop	1
8	B010 2826	Decal - Paper Size	1
8	B010 2846	Decal - Paper Size Indication	1
9	B010 2842	Decal - Paper Hodler Operate	1
10	B010 2845	Decal - Paper Tray Display	1
11	B010 6491	Decal-original Misfed	1
12	B070 1357	Decal:Power Source:Off:NA	1
13	B125 3662	Decal:Toner Recycling	1
14	B188 1361	Decal:Rear Upper Tray Guide	1
15	B188 2823	Decal:Roll Paper:Caution Chart:NA	1
16	B188 2824	Decal:Operate:Holder:EXP	1
17	B188 2835	Decal:Operate:Roll Paper:1	1
18	B188 2841	Decal:Operate:Roll Paper:2	1
19	B188 2846	Decal:Dehumidifier:Switch	1
20	B188 4196	Decal:Warning (High Temperature)	1
21	B188 4476	Decal:Warning (High Temperature)	1
22	B188 5302	Decal:Connector:HDD	1
23	B353 2778	Decal - Paper Holder Chart	4
24	B188 6559	Decal:Toner Supply:Pick-up Paper Jam	1
25	AA00 3043	Decal:Caption:Interface:EXP	1
26	AA00 1283	Decal - Noise Filter	1

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

38.Accessorys (B188)



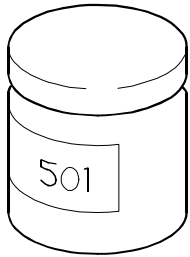
38.Accessorys (B188)

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1	B065 1374	Cloth - DF Exposure Glass	1
2	B010 1359	Operating Instructions Holder	1
3	B188 6607	Operating Instructions:Main:NA	1
3	B188 6707	Operating Instructions:Copy:NA	1
3	B188 7571	Operating Instructions:Security:NA	1
4	B809 5500	Cable:Video_link2:5m	1
5	B188 4468	Guide:Plate:Rear:2	3
6	B132 1226	Holder:Stand	4
7	B010 4464	Rear Copy Tray	3
8	B188 4471	Holder:Copy Tray:Rear	3
9	AF04 3104	Front Copy Tray	1
10	B010 6333	Upper Guide Rod - Original Tray	3
11	B010 6401	Rear Original Tray	3
12	B010 4469	Rear Guide	1
13	B010 4463	Copy Tray Guide	2
14	B010 4462	Middle Guide - Copy Tray	1
15	B010 6411	Upper Left Tray Bracket	1
16	B010 6412	Upper Right Tray Bracket	1
17	B010 6413	Rear Upper Tray Guide	1
18	B010 6416	Upper Front Sheet - Guide Plate	1
19	B010 6417	Tray Knob - Upper Rear	1
20	B010 6415	Rear Upper Guide Rod	2
21	B010 6418	Tray Guide Rod - Upper Rear Welding	1

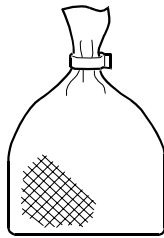
Index No.	Part No.	Description	Q'ty Per Assembly
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102	0451 4010N	Tapping Screw:4x10	
103	0450 4008N	Tapping Screw - M4x8	

39.Special Tools (B188)

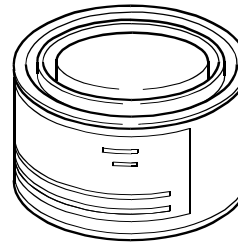
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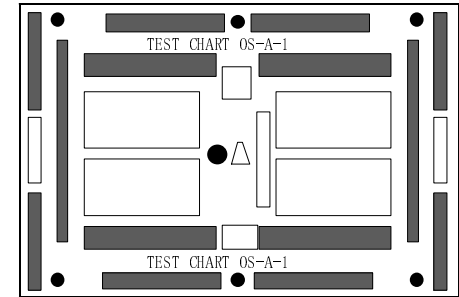
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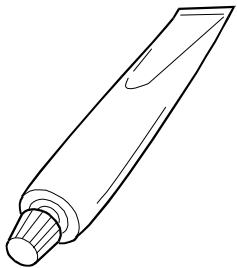
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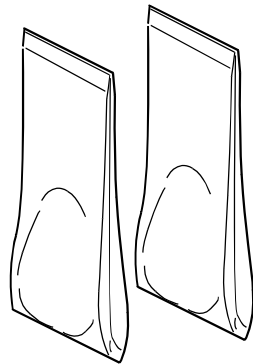
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39.Special Tools (B188)

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1	5203 9502	Grease 501	1
2	5442 9101	Setting Powder	1
3	5447 9078	Heat Resisting Grease Mt-78	1
4	A023 9504	Test Chart Os-a-1 (2 Sheets / Set)	1
5	A257 9300	Grease - Barrierta S552r	1
6	B010 9640	Developer Type 16W Black	2

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

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PM Parts Index

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