

Model MT-P2
(G148)
PARTS CATALOG

First edition, June 2006

Ricoh Company, LTD.

Model MT-P2 (G148)

PARTS CATALOG

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

Model MT-P2	(G148)
SR4000	(B70057)
SR841/SR842	(B706)
LCIT RT43/ 8 1/2"x14"Paper Size Tray Type 1075	(B473/B474)
LCT Connection Unit Type A	(G845)
Cover Interposer Type 3260	(B704)

Model MT-P2 (G148)

PARTS CATALOG

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Punch Unit Type 1075	(B531)
Punch Unit Type 850 SC	(A812)
Output Jogger Unit Type 1075	(B513)
Output Jogger Unit Type 3260	(B703)
Punch Unit Type 3260	(B702)
Copy Tray Type 2075	(B756)
A3/11"x17" Tray Unit Type 1075	(B475)
Tab Sheet Holder Type 3260	(B499)
IEEE802.11b Interface Unit Type H	(G813-04/45)
IEEE1284 Interface Unit TypeA	(B679)

Model MT-P2 (G148)

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PARTS CATALOG

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

Location of Unit	2	18.TONER SUPPLY UNIT (G148)	46
1.EXTERIOR 1 (G148)	12	19.DEVELOPMENT UNIT 1 (G148)	48
2.EXTERIOR 2 (G148)	14	20.DEVELOPMENT UNIT 2 (G148)	50
3.OPERATION PANEL (G148)	16	21.PCU 1 (G148)	52
4.LED DISPLAY (G148)	18	22.PCU 2 (G148)	54
5.OPTICS SECTION (G148)	20	23.PCU 3 (G148)	56
6.LASER UNIT (G148)	22	24.PCU 4 (G148)	58
7.TANDEM TRAY 1 (G148).....	24	25.TRANSFER BELT UNIT 1 (G148).....	60
8.TANDEM TRAY 2 (G148).....	26	26.TRANSFER BELT UNIT 2 (G148).....	62
9.TANDEM TRAY 3 (G148).....	28	27.FUSING UNIT 1 (G148).....	64
10.UNIVERSAL TRAY (G148)	30	28.FUSING UNIT 2 (G148).....	66
11.PAPER FEED UNIT 1 (G148)	32	29.FUSING UNIT 3 (G148).....	68
12.PAPER FEED UNIT 2 (G148)	34	30.FUSING UNIT 4 (G148).....	70
13.VERTICAL TRANSPORT (G148).....	36	31.PAPER EXIT SECTION 1 (G148)	72
14.PAPER REGISTRATION 1 (G148)	38	32.PAPER EXIT SECTION 2 (G148)	74
15.PAPER REGISTRATION 2 (G148)	40	33.PAPER EXIT SECTION 3 (G148)	76
16.PAPER REGISTRATION 3 (G148)	42	34.DUPLEX UNIT 1 (G148).....	78
17.TONER HOPPER SECTION (G148).....	44	35.DUPLEX UNIT 2 (G148).....	80

June ,30 ' 2006

Model MT-P2 (G148)

PARTS CATALOG

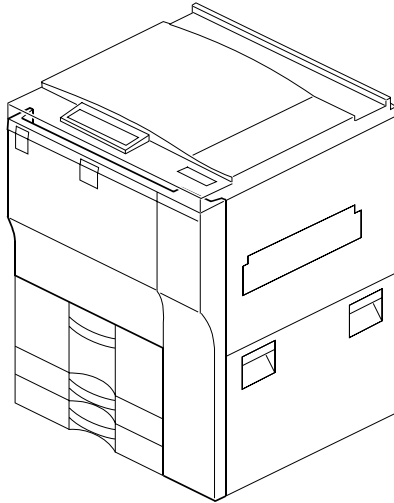
This catalog gives the numbers and names of parts on this machine.

36.DUPLEX UNIT 3 (G148).....	82	55.BCU BOARD (G148)	120
37.DUPLEX UNIT 4 (G148).....	84	56.IPU BOARD (G148)	124
38.DUPLEX UNIT 5 (G148).....	86	57.CONTROL BOARD (G148)	132
39.DRIVE SECTION 1 (G148)	88	58.IOB BOARD (G148).....	148
40.DRIVE SECTION 2 (G148)	90	59.DECAL AND DOCUMENTS (G148).....	156
41.TONER COLLECTION (G148).....	92	60.SPECIAL TOOLS (G148)	160
42.ELECTRICAL SECTION 1 (G148)	94	PARTS INDEX.....	163
43.ELECTRICAL SECTION 2 (G148)	96		
44.ELECTRICAL SECTION 3 (G148)	98		
45.ELECTRICAL SECTION 4 (G148)	100		
46.ELECTRICAL SECTION 5 (G148)	102		
47.ELECTRICAL SECTION 6 (G148)	104		
48.ELECTRICAL SECTION 7 (G148)	106		
49.ELECTRICAL SECTION 8 (G148)	108		
50.ELECTRICAL SECTION 9 (G148)	110		
51.FRAME SECTION 1 (G148).....	112		
52.FRAME SECTION 2 (G148)	114		
53.FRAME SECTION 3 (G148).....	116		
54.FRAME SECTION 4 (G148)	118		

June ,30 ' 2006

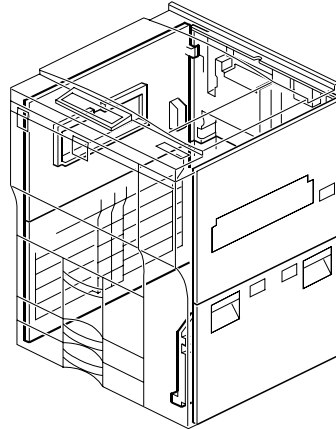
LOCATIONS OF UNITS

1. EXTERIOR 1 (G148)



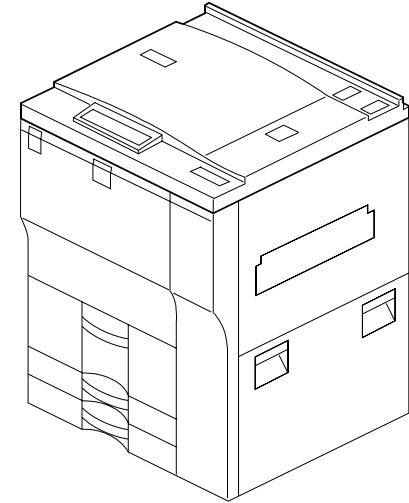
See Page 13

2. EXTERIOR 2 (G148)



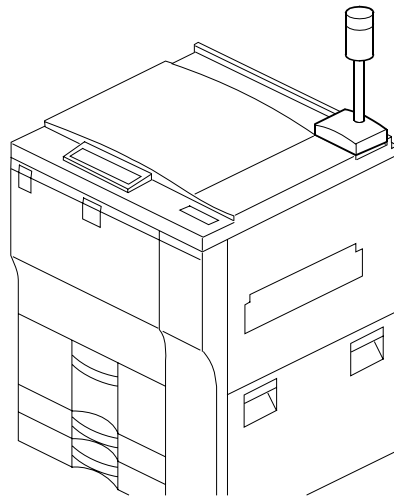
See Page 15

3. OPERATION PANEL (G148)



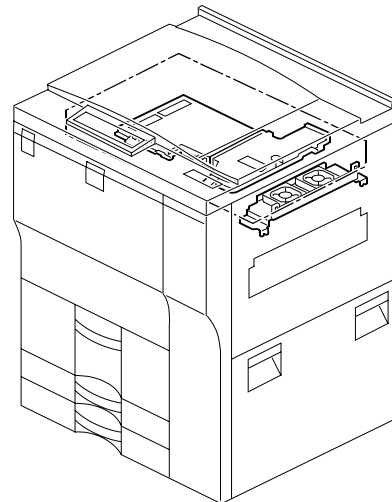
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4. LED DISPLAY (G148)



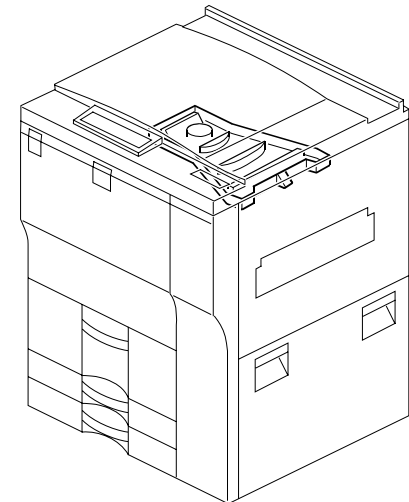
See Page 19

5. OPTICS SECTION (G148)



See Page 21

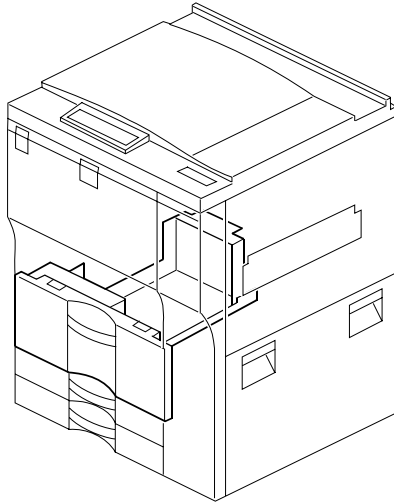
6. LASER UNIT (G148)



See Page 23

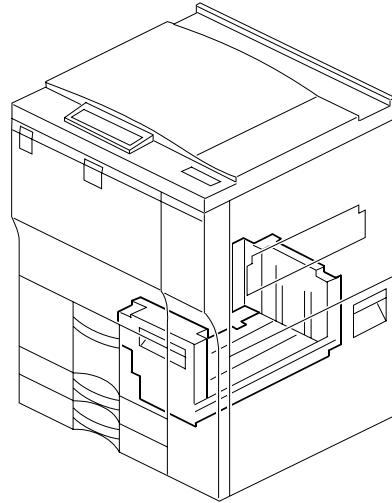
LOCATIONS OF UNITS

7. TANDEM TRAY 1 (G148)



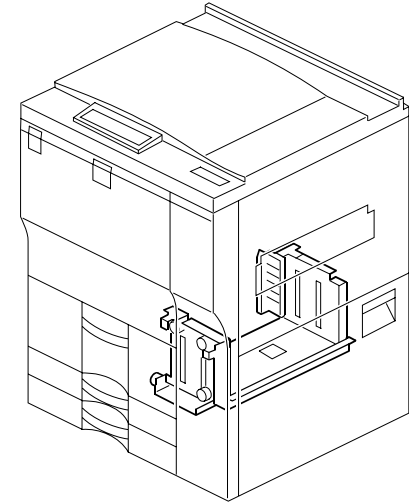
See Page 25

8. TANDEM TRAY 2 (G148)



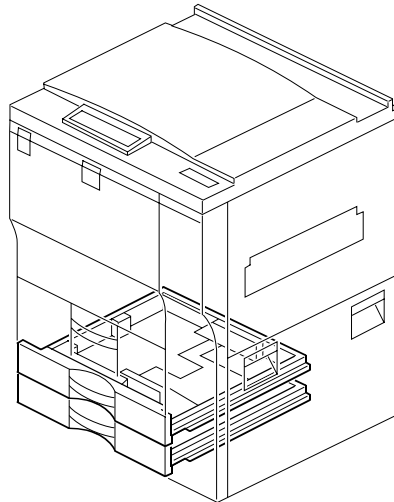
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9. TANDEM TRAY 3 (G148)



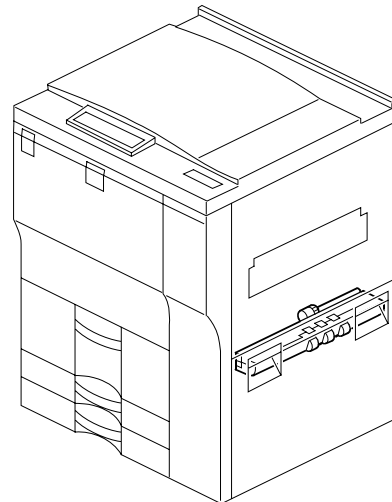
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10. UNIVERSAL TRAY (G148)



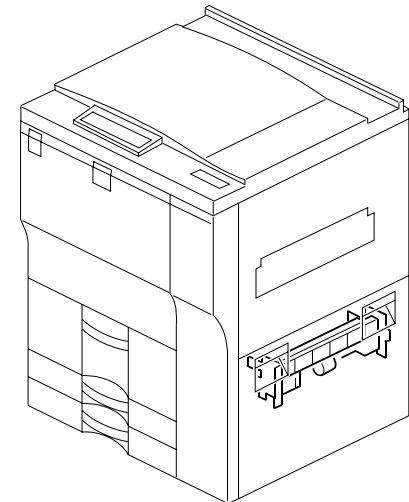
See Page 31

11. PAPER FEED UNIT 1 (G148)



See Page 33

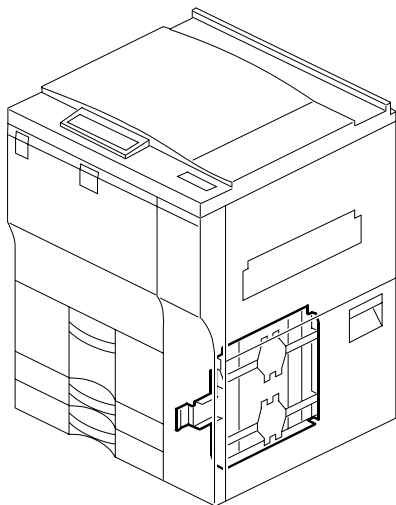
12. PAPER FEED UNIT 2 (G148)



See Page 35

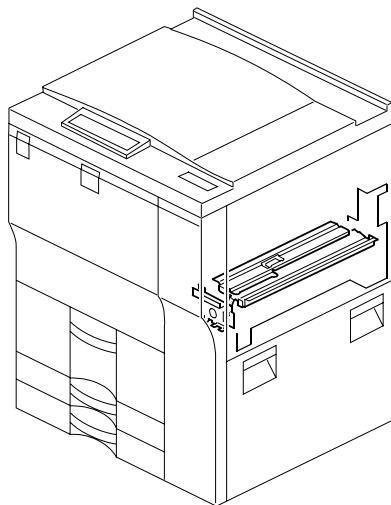
LOCATIONS OF UNITS

13. VERTICAL TRANSPORT (G148)



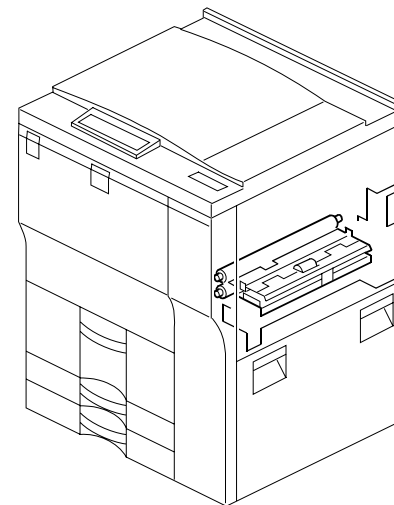
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14. PAPER REGISTRATION 1 (G148)



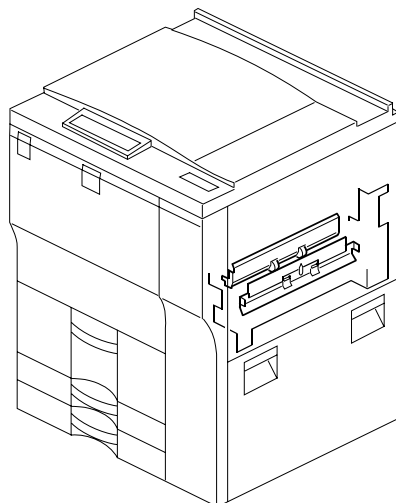
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15. PAPER REGISTRATION 2 (G148)



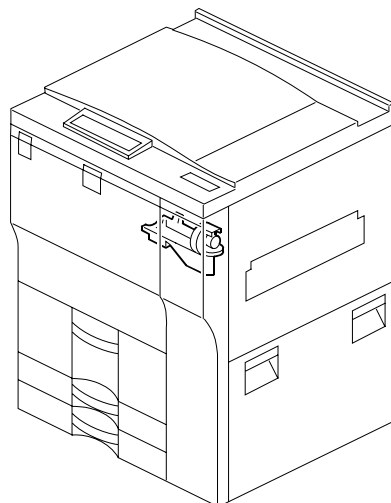
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16. PAPER REGISTRATION 3 (G148)



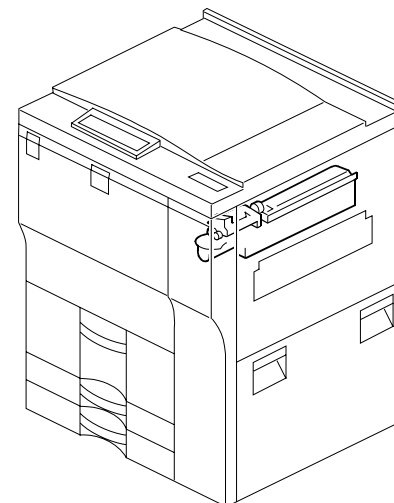
See Page 43

17. TONER HOPPER SECTION (G148)



See Page 45

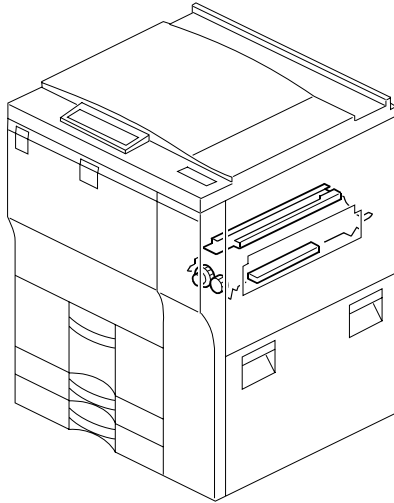
18. TONER SUPPLY UNIT (G148)



See Page 47

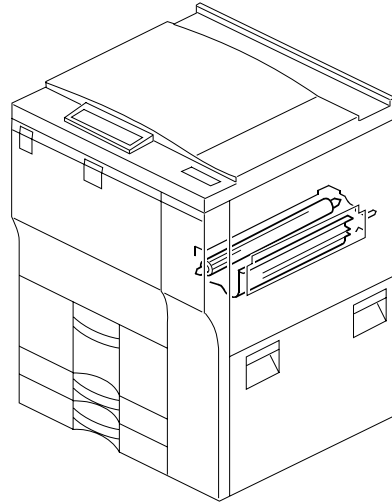
LOCATIONS OF UNITS

19. DEVELOPMENT UNIT 1 (G148)



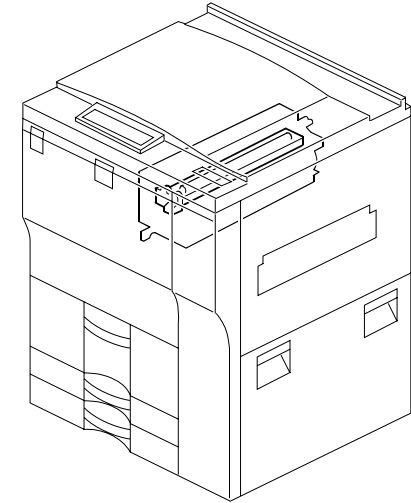
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20. DEVELOPMENT UNIT 2 (G148)



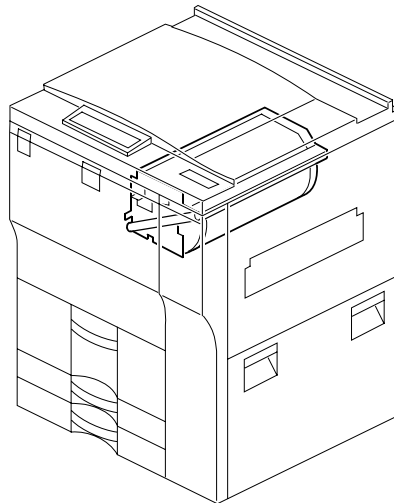
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21. PCU 1 (G148)



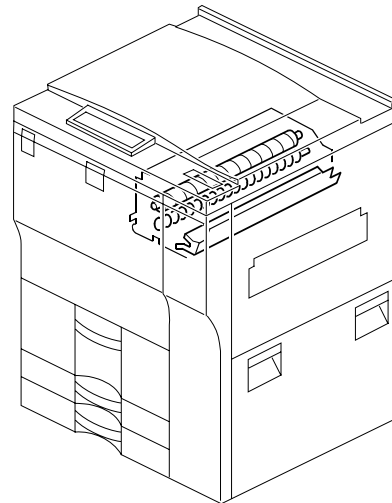
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22. PCU 2 (G148)



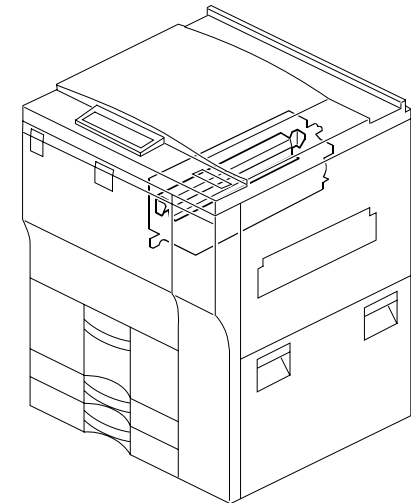
See Page 55

23. PCU 3 (G148)



See Page 57

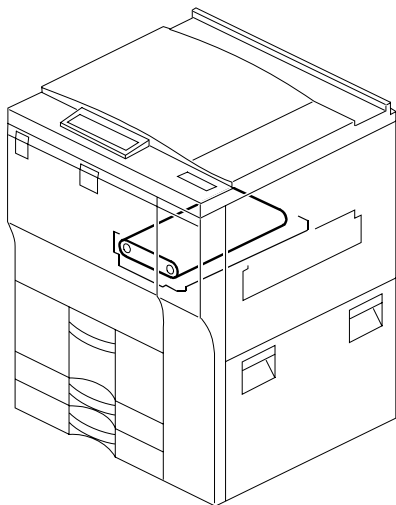
24. PCU 4 (G148)



See Page 59

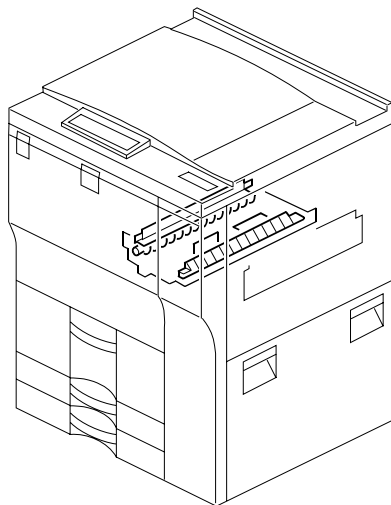
LOCATIONS OF UNITS

25. TRANSFER BELT UNIT 1 (G148)



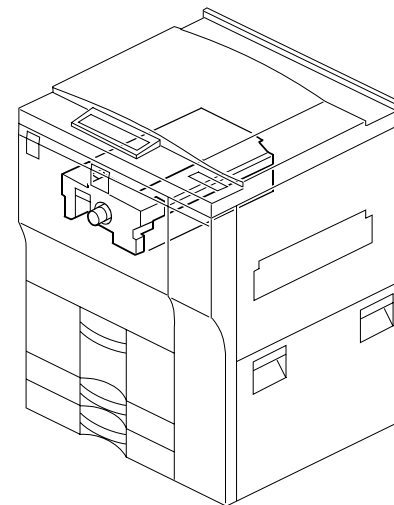
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26. TRANSFER BELT UNIT 2 (G148)



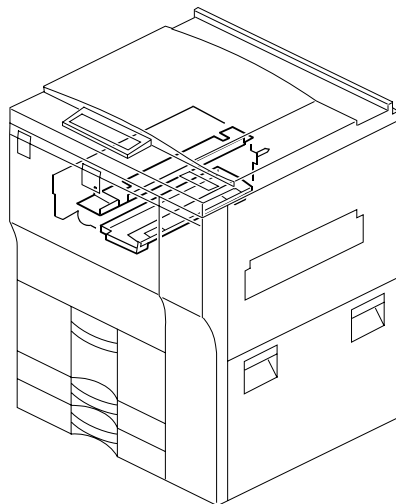
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27. FUSING UNIT 1 (G148)



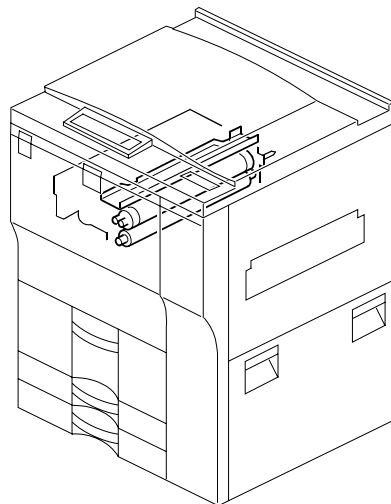
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28. FUSING UNIT 2 (G148)



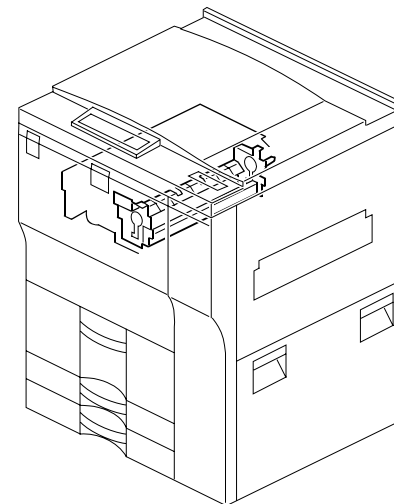
See Page 67

29. FUSING UNIT 3 (G148)



See Page 69

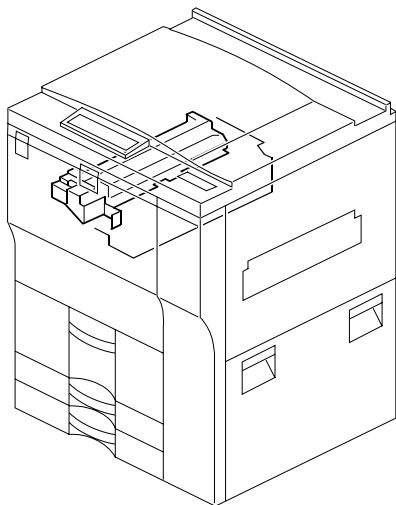
30. FUSING UNIT 4 (G148)



See Page 71

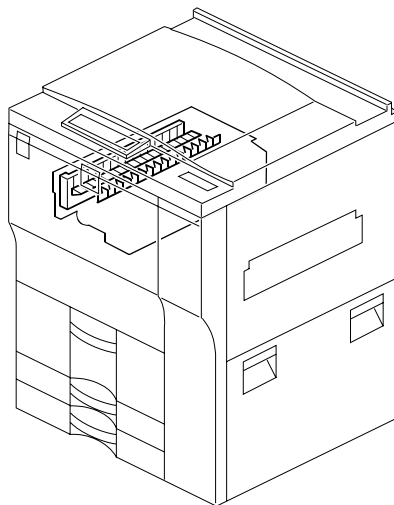
LOCATIONS OF UNITS

31. PAPER EXIT SECTION 1 (G148)



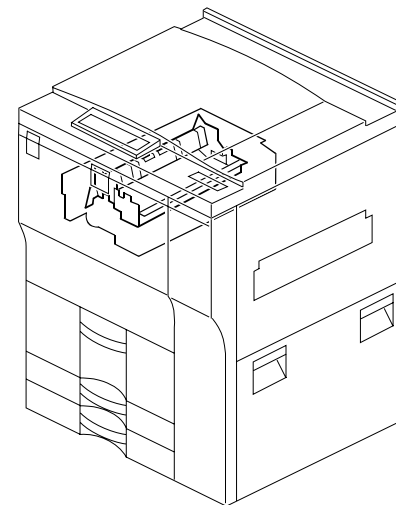
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32. PAPER EXIT SECTION 2 (G148)



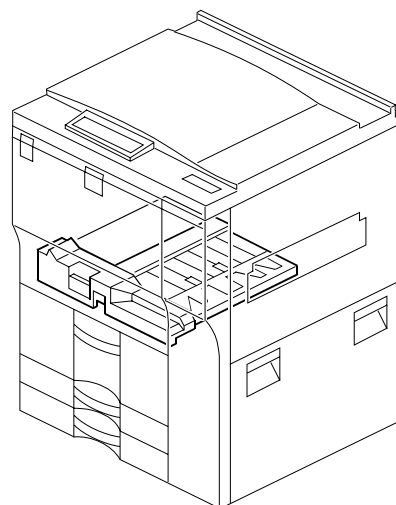
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33. PAPER EXIT SECTION 3 (G148)



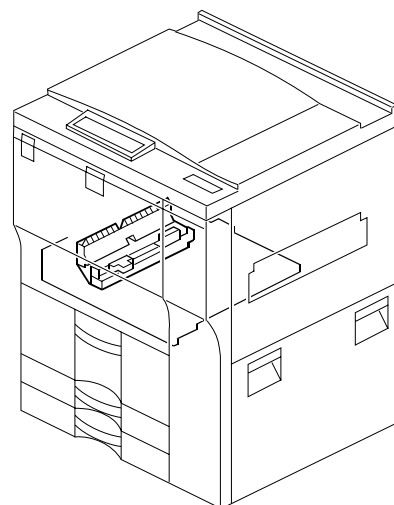
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34. DUPLEX UNIT 1 (G148)



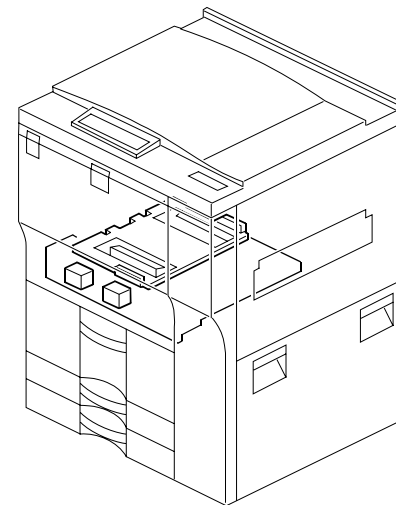
See Page 79

35. DUPLEX UNIT 2 (G148)



See Page 81

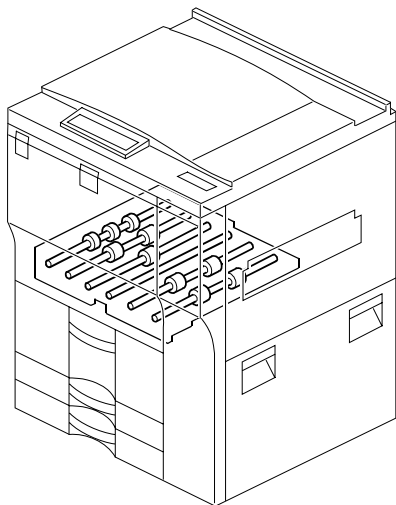
36. DUPLEX UNIT 3 (G148)



See Page 83

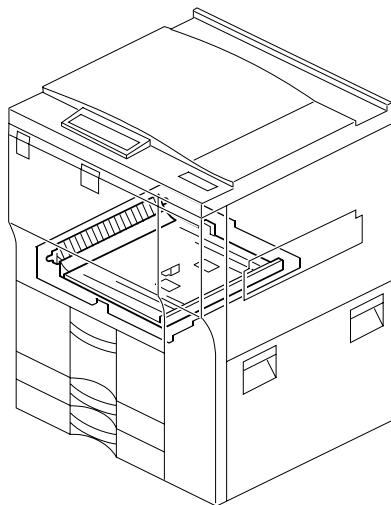
LOCATIONS OF UNITS

37. DUPLEX UNIT 4 (G148)



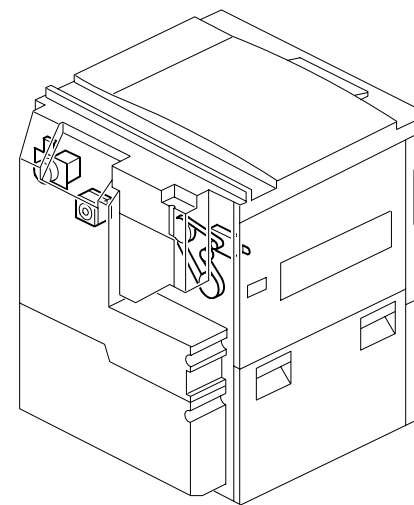
See Page 85

38. DUPLEX UNIT 5 (G148)



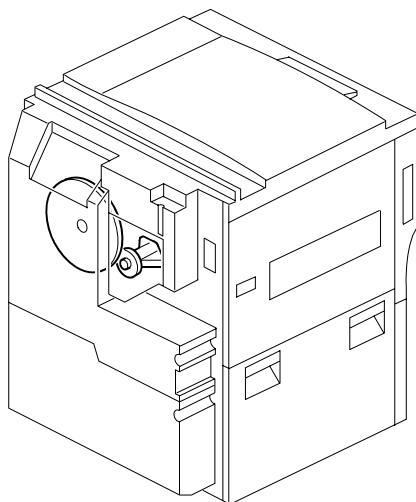
See Page 87

39. DRIVE SECTION 1 (G148)



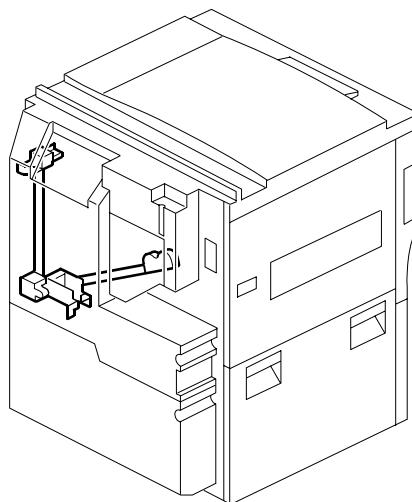
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40. DRIVE SECTION 2 (G148)



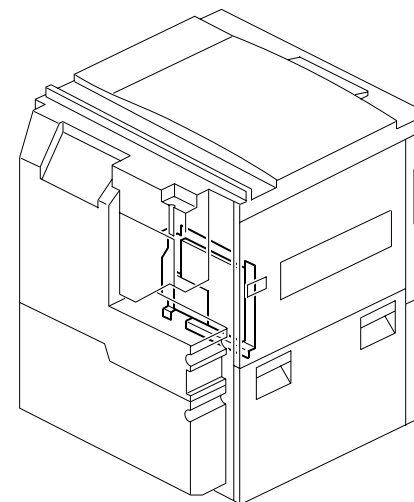
See Page 91

41. TONER COLLECTION (G148)



See Page 93

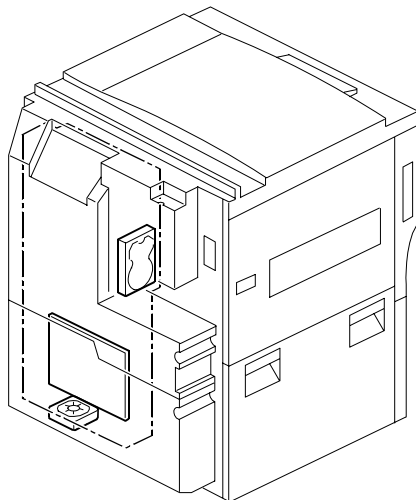
42. ELECTRICAL SECTION 1 (G148)



See Page 95

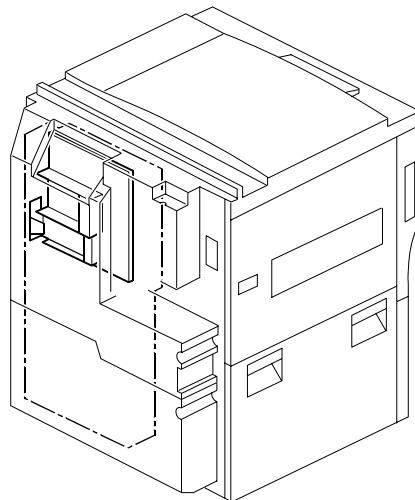
LOCATIONS OF UNITS

43. ELECTRICAL SECTION 2 (G148)



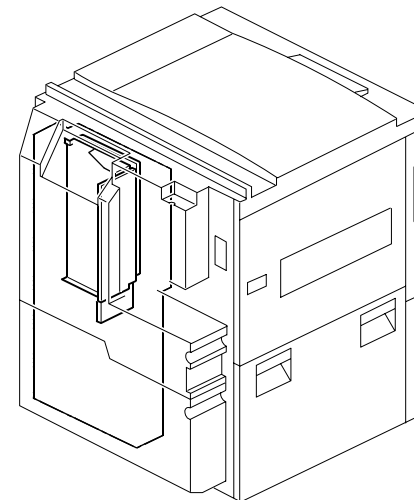
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44. ELECTRICAL SECTION 3 (G148)



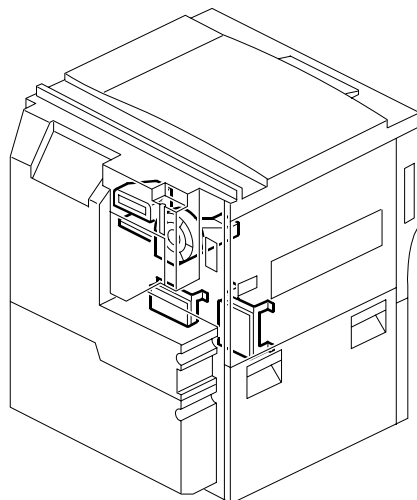
See Page 99

45. ELECTRICAL SECTION 4 (G148)



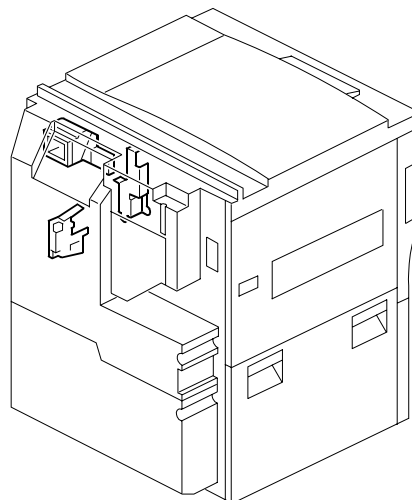
See Page 101

46. ELECTRICAL SECTION 5 (G148)



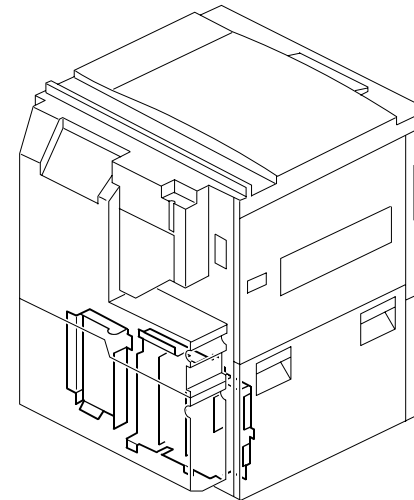
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47. ELECTRICAL SECTION 6 (G148)



See Page 105

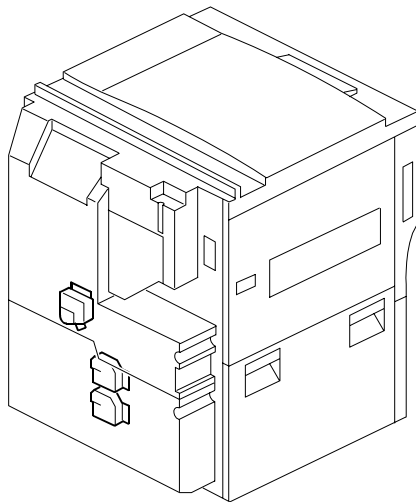
48. ELECTRICAL SECTION 7 (G148)



See Page 107

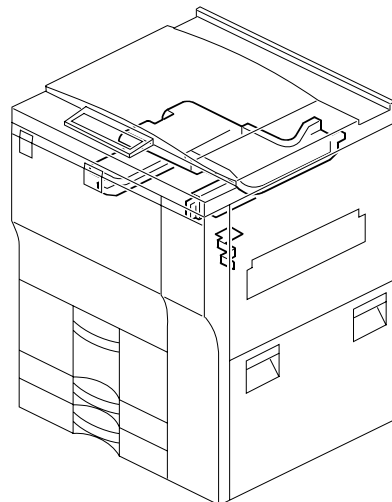
LOCATIONS OF UNITS

49. ELECTRICAL SECTION 8 (G148)



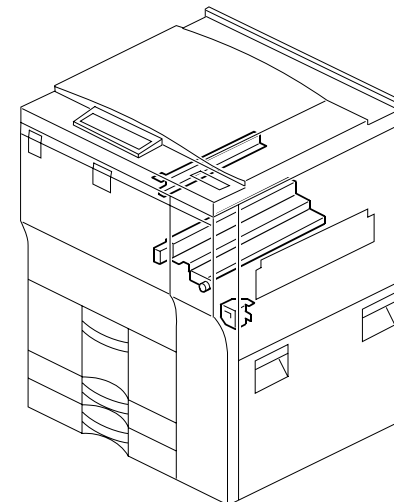
See Page 109

50. ELECTRICAL SECTION 9 (G148)



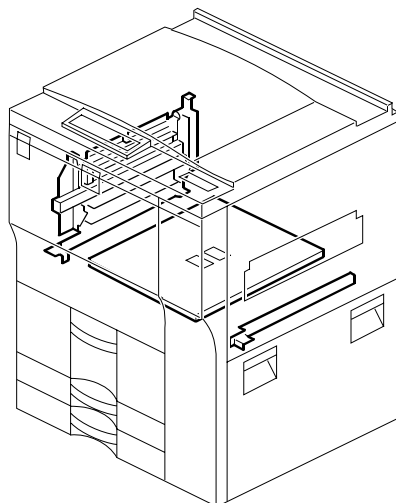
See Page 111

51. FRAME SECTION 1 (G148)



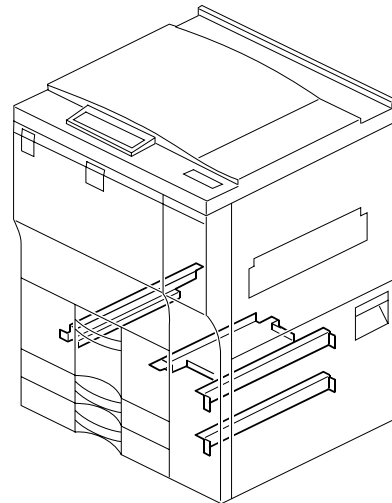
See Page 113

52. FRAME SECTION 2 (G148)



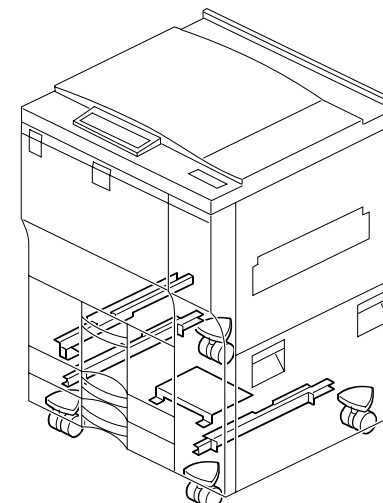
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53. FRAME SECTION 3 (G148)



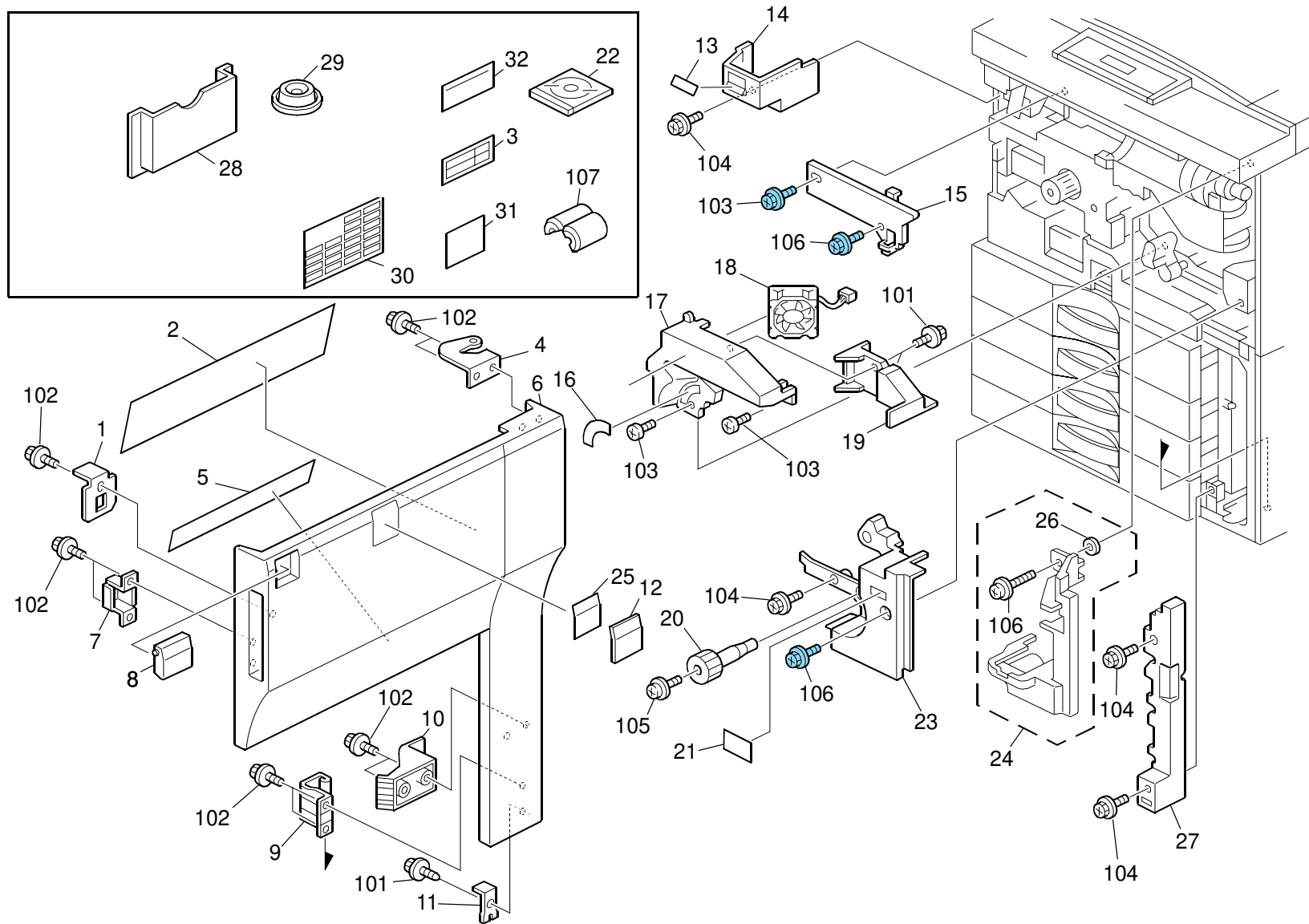
See Page 117

54. FRAME SECTION 4 (G148)



See Page 119

1.EXTERIOR 1 (G148)

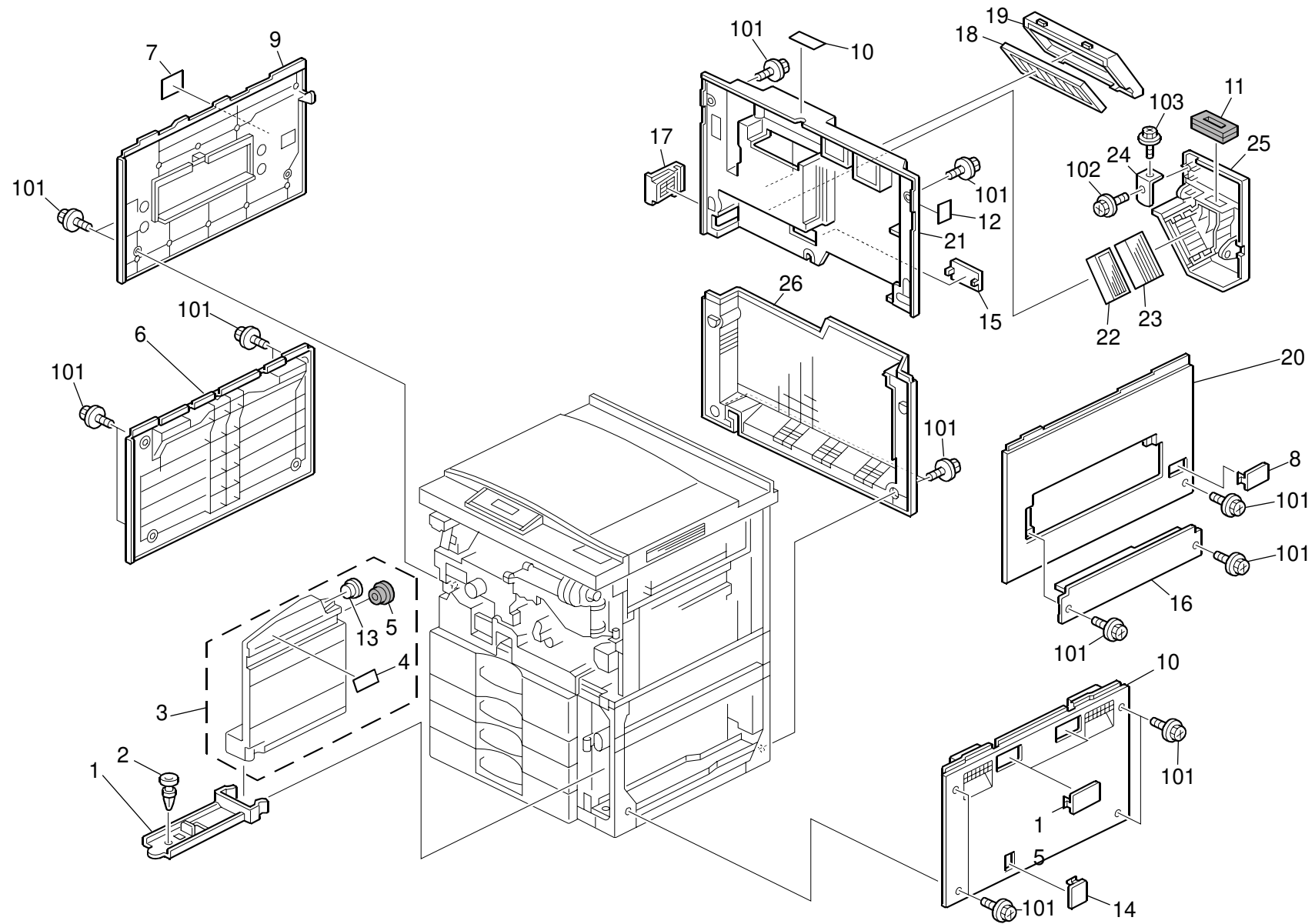


1.EXTERIOR 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A294 1292	Door Switch Bracket	1
2	B247 1361	Decal: Misfeed Removal: Main	1
3	B070 1307	Decal: Paper Set Direction	1
4	B098 1342	Hinge: Upper	1
5	B065 1366	Decal - Toner Supply	1
6	B247 1224	Front Door Ass'y	1
7	B132 1526	Door Catch	1
8	B247 1325	Cover - Main Switch	1
9	B247 1223	Hinge: Lower: Ass'y	1
10	B065 1323	Guide Plate Lever	1
11	B065 1326	Micro Switchlever	1
12	B132 1531	Panel: Logo	1
13	B065 1363	Decal - Main Switch	1
14	B247 1315	Inner Cover - Main Switch	1
15	B247 1316	Inner Cover - Fusing Unit Upper	1
16	B234 3892	Decal - Lever Release Transfer	1
17	B247 1313	Inner Cover	1
18	AX64 0176	Fan Motor DC24V/1.68W	1
19	B065 1318	PCU Duct Inner Cover	1
20	A060 2512	Registration Roller Knob	1
21	B234 1378	Decal - Total Counter	1
22	G148 8454	CD-ROM: Manual	1
23	G148 1314	Inner Cover: Right Lower	1
24	B247 3290	Inner Cover Ass'y	1
25	G148 7012	Sheet: Emblem: EXP	1
25	G148 7013	Sheet: Emblem: GES	1
25	G148 7014	Sheet: Emblem: SVN	1
25	G148 7015	Sheet: Emblem: GES	1
25	G148 7016	Sheet: Emblem: NSA	1
25	G148 7017	Sheet: Emblem: REX	1
25	G148 7019	Sheet: Emblem: LAN	1
26	AA10 0006	Flat Nut - 3.6x9.5x0.8	1
27	B247 6184	Inner Cover	1
28	B027 8521	O/I Holder - Assembly	1
29	B132 1226	Holder: Stand	2

Index No.	Part No.	Description	Q'ty Per Assembly
34	B234 8510	Decal: Size Indication: Multi-Language: C3	1
101	0450 3008N	Tapping Screw - M3x8	
102	0450 4010N	Tapping Screw: M4x10	
103	0354 0080N	Screw: M4X8	
104	0451 4008N	Tapping Screw: 4x8	
105	0951 4008N	Screw: Polished Round: M4X8	
106	0454 4008Q	Tapping Screw - M4x8	
107	1607 1139	Ferrite Core: RFC-8	

2.EXTERIOR 2 (G148)

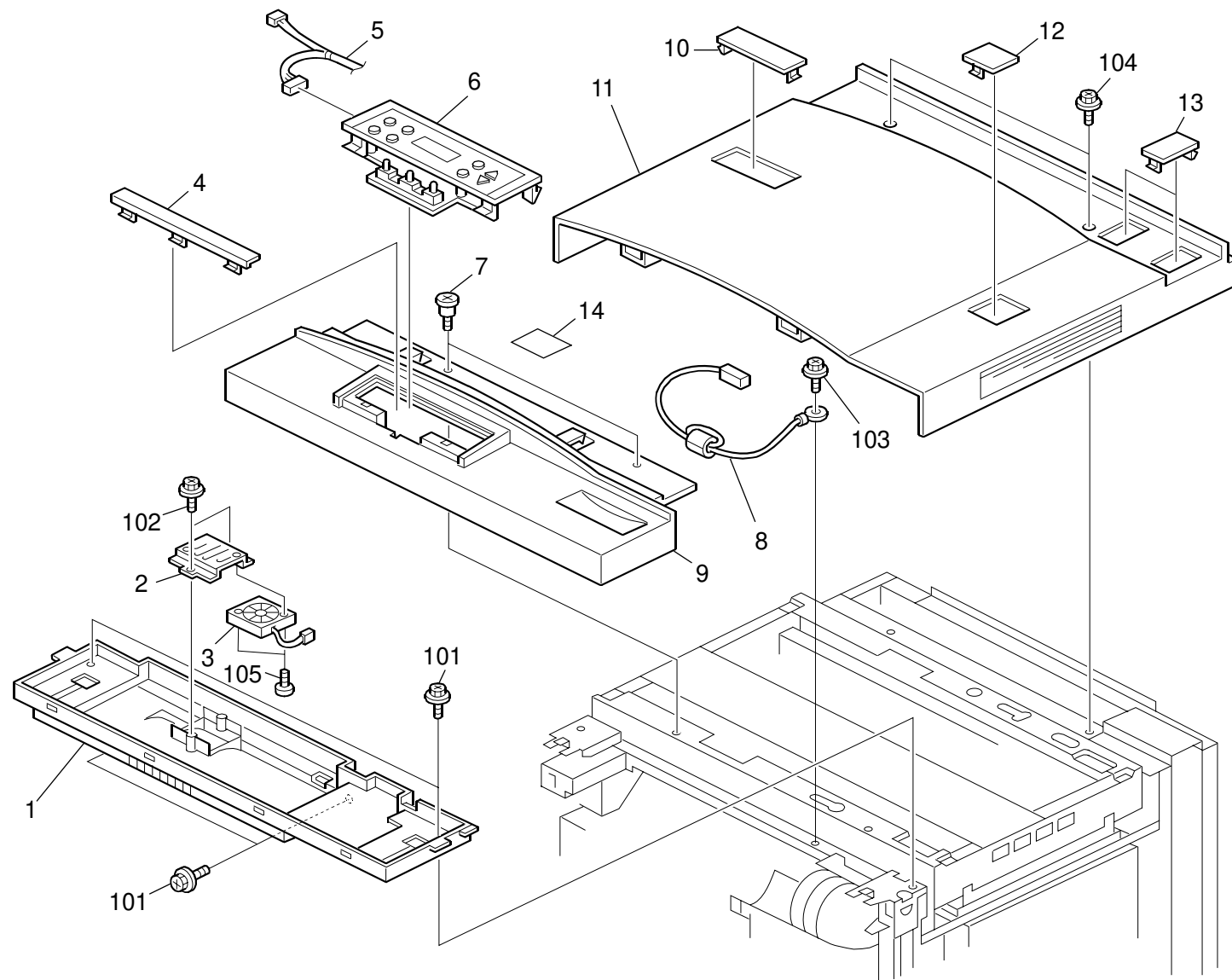


2.EXTERIOR 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3689	Toner Collection Bottle Bracket	1
2	A096 3712	Ratch	1
3	B065 3690	Tank:Discharge Used Toner	1
4	AA00 0059	Caution Decal - English	1
5	A007 3751	Large Cap - Toner Collection Tank	1
6	B065 1334	Lower Left Cover	1
7	B065 4480	Decal - Cover	1
8	B065 1344	G4 Cap	1
9	B140 1304	Left Upper Cover	1
10	G148 1333	Cover:Right Lower	1
11	B247 1354	Seal - Duct Cover	1
12	B246 1376	Decal:Caption:Interface	1
13	AA15 2315	Tank Seal	1
14	B065 1342	Coupling Cap	1
15	B065 1341	Connector Cap	3
16	B065 1303	LCT Cover	1
17	B247 1306	Capaciter Louver	1
18	AA01 2128	Machine Or Copier Filter	1
19	B247 1332	Louver Filter	1
20	G148 1302	Cover:Right Upper	1
21	B247 1305	Cover - Rear Upper	1
22	B247 1234	Ozone Filter - Rear	1
23	AA01 0114	Front Ozone Filter	1
24	A293 1332	Duct Holder	1
25	B247 1237	Exhaust Duct Cover	1
26	B247 1308	Cover - Rear Lower	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4010N	Tapping Screw:4x10	
102	0450 3008N	Tapping Screw - M3x8	
103	0451 3012N	Tapping Screw:3x12	

3.OPERATION PANEL (G148)

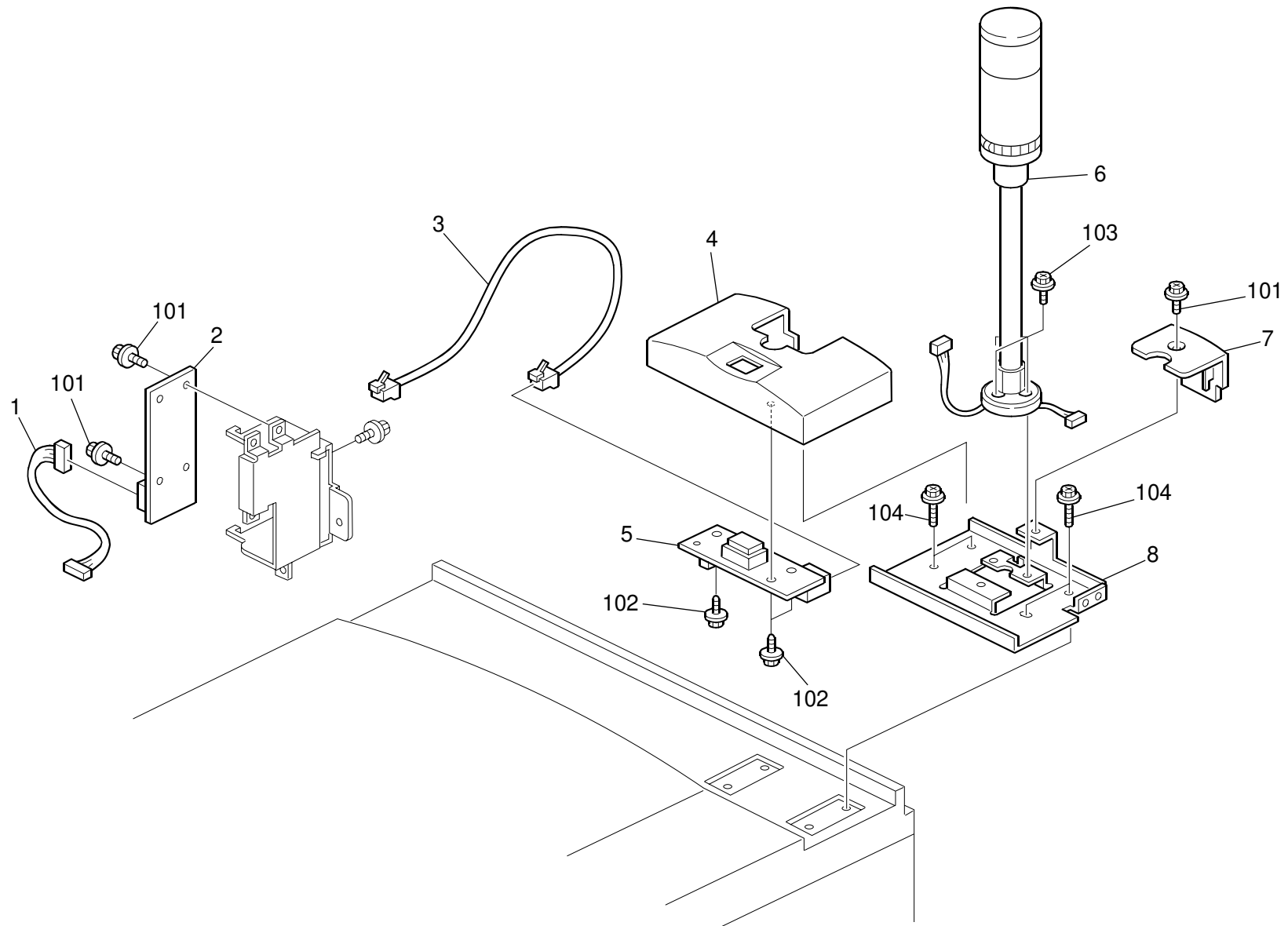


3.OPERATION PANEL (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 1312	Inner Cover - Operation Panel	1
2	B065 1345	Fan Bracket	1
3	AX64 0175	Fan Motor DC24V/1.44W	1
4	G148 1451	Lens:LED	1
5	G148 5466	Harness:Scanner Unit	1
6	G148 1461	Operation Panel Unit	1
7	AA14 3559	Screw:M4:DIA5	2
8	G126 5406	Harness - OPU Earth	1
9	G148 1450	Cover:Operation Panel	1
10	G126 1261	Cap Cover	1
11	G126 1260	Cover Upper	1
12	B065 1343	NCU Cap	1
13	B065 1344	G4 Cap	2
14	G126 1419	Decal:User Cautions:Operation Sub-Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0450 4008N	Tapping Screw - M4x8	
103	0451 4008N	Tapping Screw:4x8	
104	0451 4010N	Tapping Screw:4x10	
105	0313 0100N	Pan Head Screw:M3x10	

4.LED DISPLAY (G148)

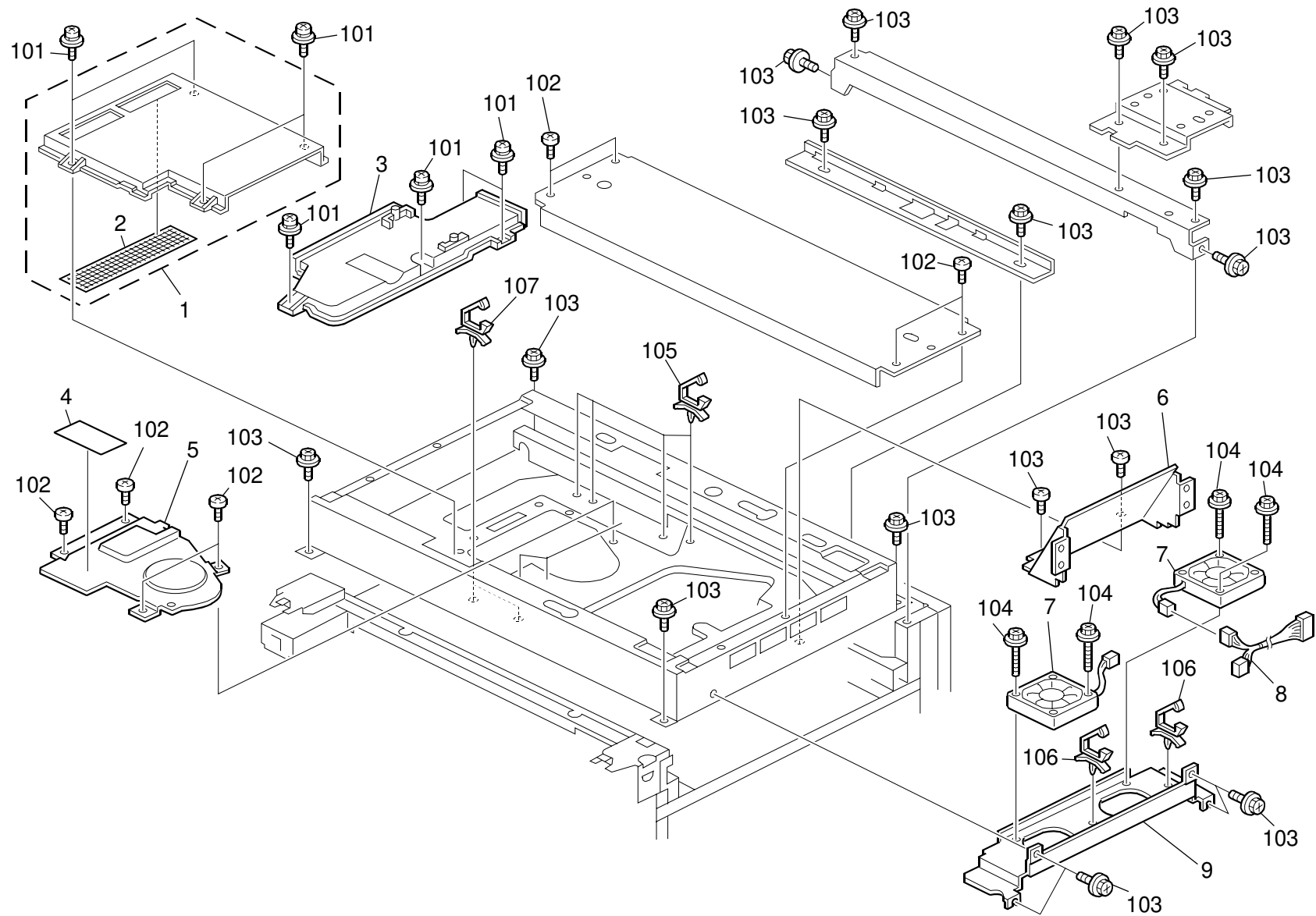


4.LED DISPLAY (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G810 5407	Harness - SWB	1
2	G810 5260	PCB SWB Machine Or Copier Ass'y	1
3	G810 5408	Cable - SWB	1
4	G810 1211	LED Stand Front Cover	1
5	G810 5261	PCB SWB LED Ass'y	1
6	G840 1020	LED Display Unit	1
7	G810 1220	LED Stand Rear Cover	1
8	G810 1031	LED Base Stand	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 4008N	Screw - M4X8	
102	0450 3008N	Tapping Screw - M3x8	
103	0454 4008Q	Tapping Screw - M4x8	
104	0360 4014N	Screw - M4X14	

5.OPTICS SECTION (G148)

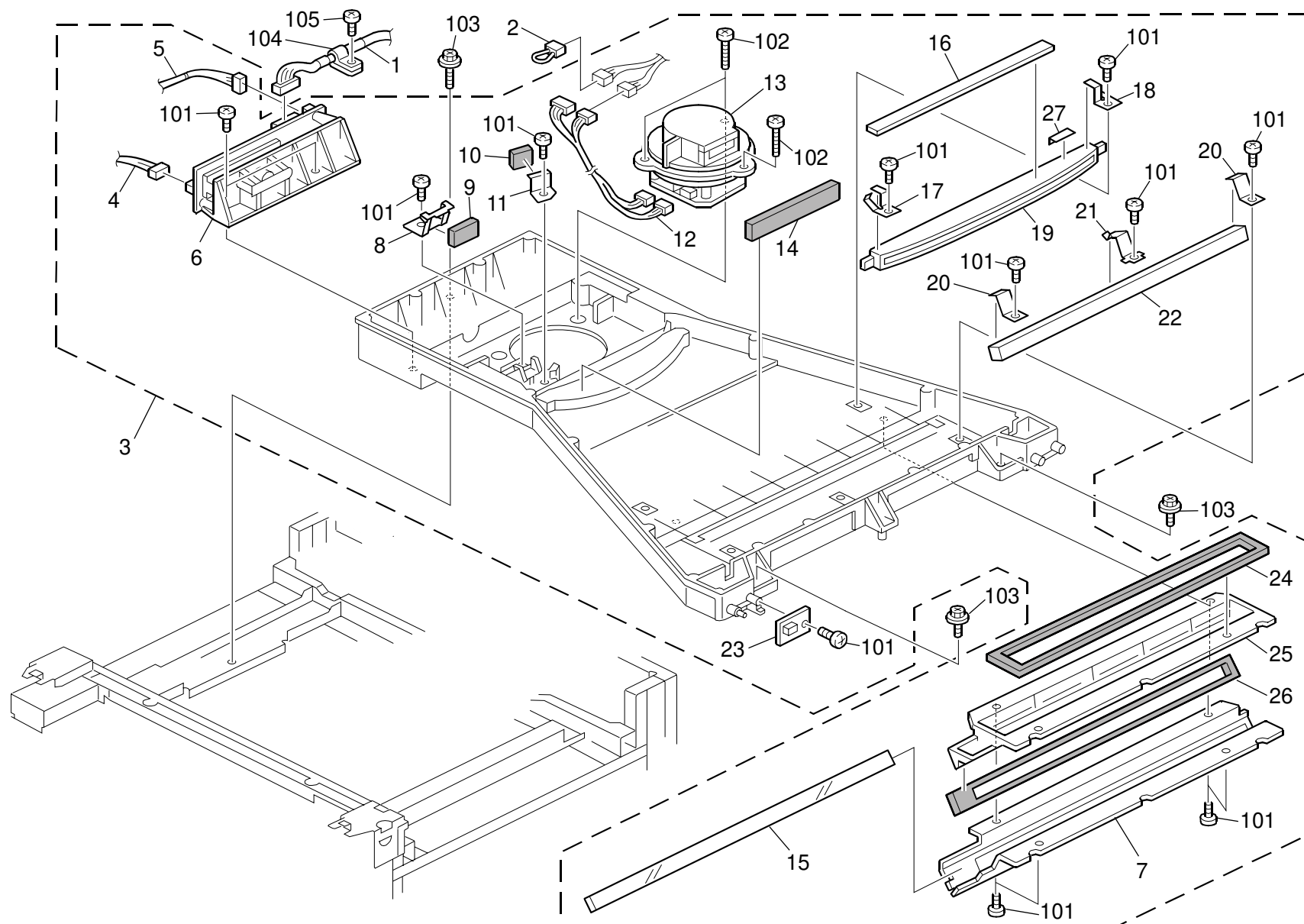


5.OPTICS SECTION (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 1791	Left Scanner Duct	1
2	B065 1798	Filter:Duct:Scanner	1
3	B065 1801	Right Scanner Duct	1
4	G029 1982	LD Decal	1
5	G126 1691	Cover Polygon Mirror Motor Ass'y	1
6	B065 1698	Development Cooling Duct	1
7	AX64 0182	Fan Motor DC24V/2.88W	2
8	B065 1172	Development Fan Harness	1
9	B065 1171	Development Fan Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3008N	Screw:Polished Roud:M3X8	
102	0314 0080N	Philips Pan Head Screw - M4x8	
103	0451 4008N	Tapping Screw:4x8	
104	0451 4020N	Tapping Screw - M4x20	
105	1105 0489	Harness Clamp - LWS 1316	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0487	Harness Clamp	

6.LASER UNIT (G148)

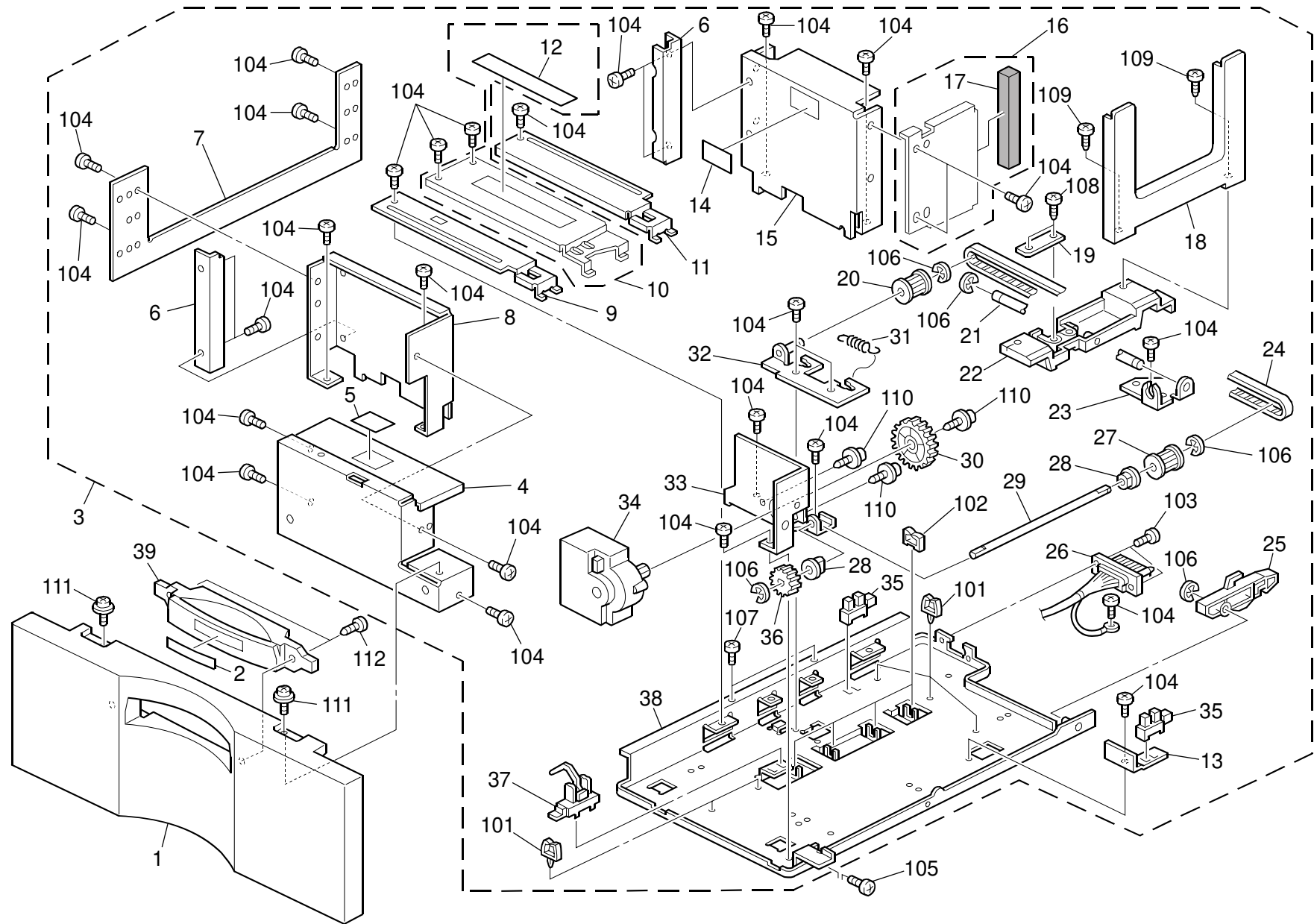


6.LASER UNIT (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5403	Cable - LVDS LDB	1
2	B065 5489	Harness	1
3	B247 1852	Imaging Unit	1
4	B247 5477	Harness - Laser Diode Unit	1
5	B247 5437	Harness - Laser Diode Control	1
6	B247 1859	Laser Diode Unit	1
7	B065 1940	Shield Glass Rail	1
8	B065 1912	Lens Holder - L0	1
9	AC02 4007	Lens - L0	1
10	AC03 0147	1st Mirror	1
11	B065 1915	1st Mirror Holder	1
12	B065 5453	Relay Polygon Motor Harness	1
13	AX06 0324	Polygon Mirror Motor:DC24V 24W	1
14	B065 1955	Seal - Lens L1	1
15	AC01 5037	Shield Glass	1
16	G570 2827	Supporting Plate	1
17	B065 1925	Lens Holder - L2 Right	1
18	B065 1926	Lens Holder - L2 Left	1
19	GC02 5010	DTL	1
20	B065 1930	2nd Mirror Holder	2
21	B065 1932	Middle Mirror Holder	1
22	AC03 0148	2nd Mirror	1
23	B247 5320	PCB Sync Detector	1
24	B065 1946	Seal - Shield Glass Holder	1
25	B065 1944	Shield Glass Holder	1
26	B065 1945	Seal - Shield Glass	1
27	B065 1958	Sheet - Shielding Plate	1

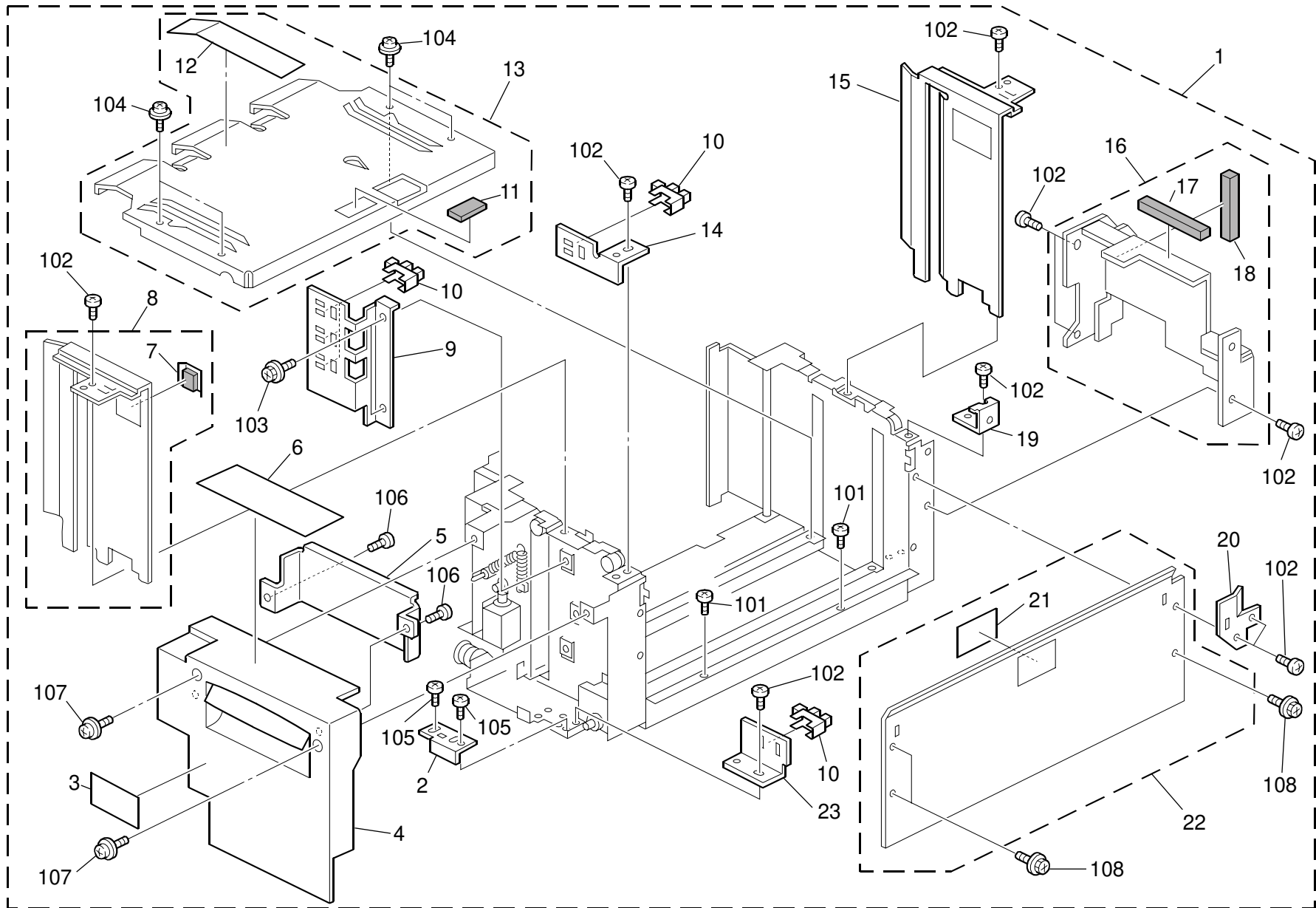
Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0080N	Screw:M3X8	
102	0354 0080N	Screw:M4X8	
103	0451 4010N	Tapping Screw:4x10	
104	1105 0306	Metal Clamp - Al-4	
105	0353 0060N	Bind Screw - M3x6	

7.TANDEM TRAY 1 (G148)





8.TANDEM TRAY 2 (G148)

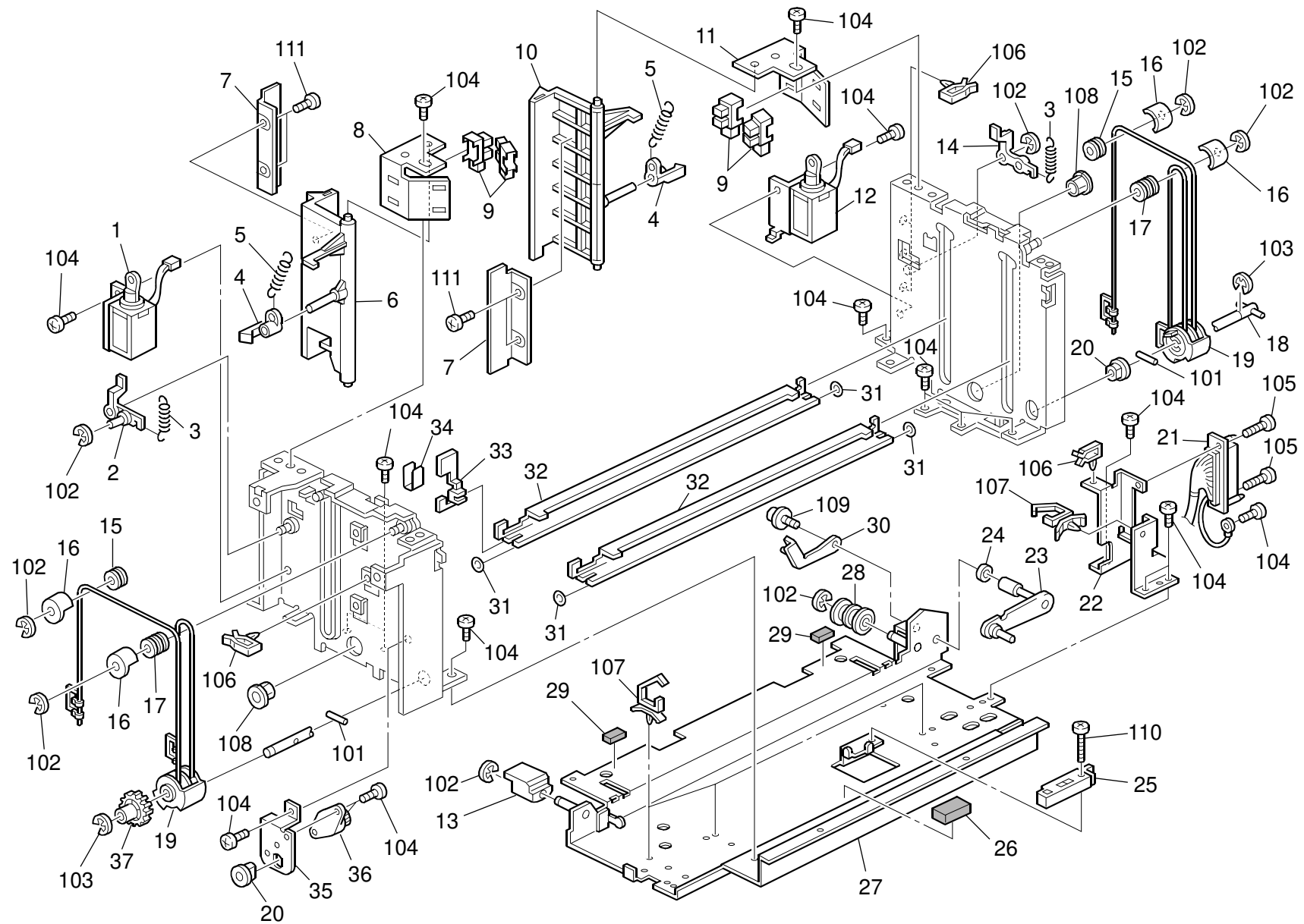


8.TANDEM TRAY 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B246 6605	Tandem LCT:Right:Letter	1
1	B247 6605	Tandem LCT:Right:Ass'y (A4)	1
2	B065 6859	Right Stopper	1
3	AA00 2246	Decal - Caution	1
4	B247 6745	Inner Cover - Tandem LCT	1
5	B065 6875	Protection -inner Cover	1
6	B065 6877	Decal - Paper Set - Right	1
7	B234 6690	Plate:Paper:Ass'Y	1
8	B098 6736	Side Fence:Tandem Lct:Right Front	1
9	B065 6706	Paper Volume Sensor Bracket	1
10	AW02 0145	Photointerruptor:Flat	5
11	5201 2858	Friction Pad	1
12	A096 6677	Decal - Right Paper Set	1
13	B098 6670	Base:Tandem Lct:Right:Ass'y	1
14	B065 6874	Bracket -paper Volumesensor	1
15	B098 6738	Side Fence:Tandem Lct:Right Rear	1
16	B098 6739	Supporting Plate:Tandem:Right Rear	1
18	AA15 3138	Inner Cover Cushion - Right Rear	1
19	A176 6695	Misfeed Removal Guide	1
20	B247 6672	Guide:Interlock:Tandem LCT	1
21	AA00 2010	Decal - Paper Level	1
22	A248 6666	Side Plate	1
23	B065 6873	Sensor Bracket	1

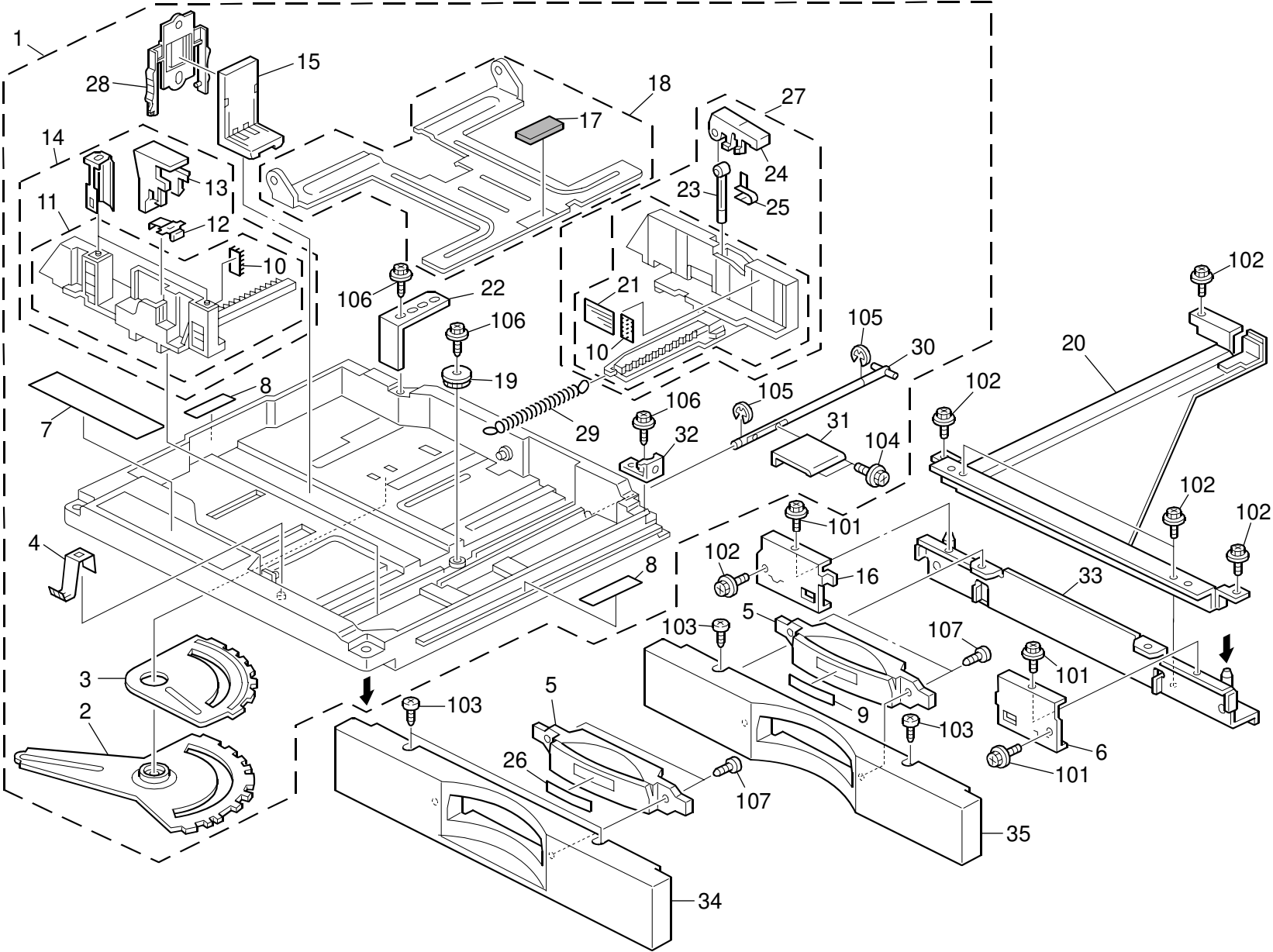
Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0060N	Screw - M4X6	
102	0434 0060N	Pan Self-tapping Screw:M4x6	
103	0451 4008N	Tapping Screw:4x8	
104	0951 4006N	Screw:Polished Round:M4X6	
105	0314 0060N	Screw - M4X6	
106	0452 4008N	Tapping Screw:M4x8	
107	0951 4008N	Screw:Polished Round:M4X8	
108	0453 4008N	Binding Self Tapping Screw:4x8	

9.TANDEM TRAY 3 (G148)





10.UNIVERSAL TRAY (G148)

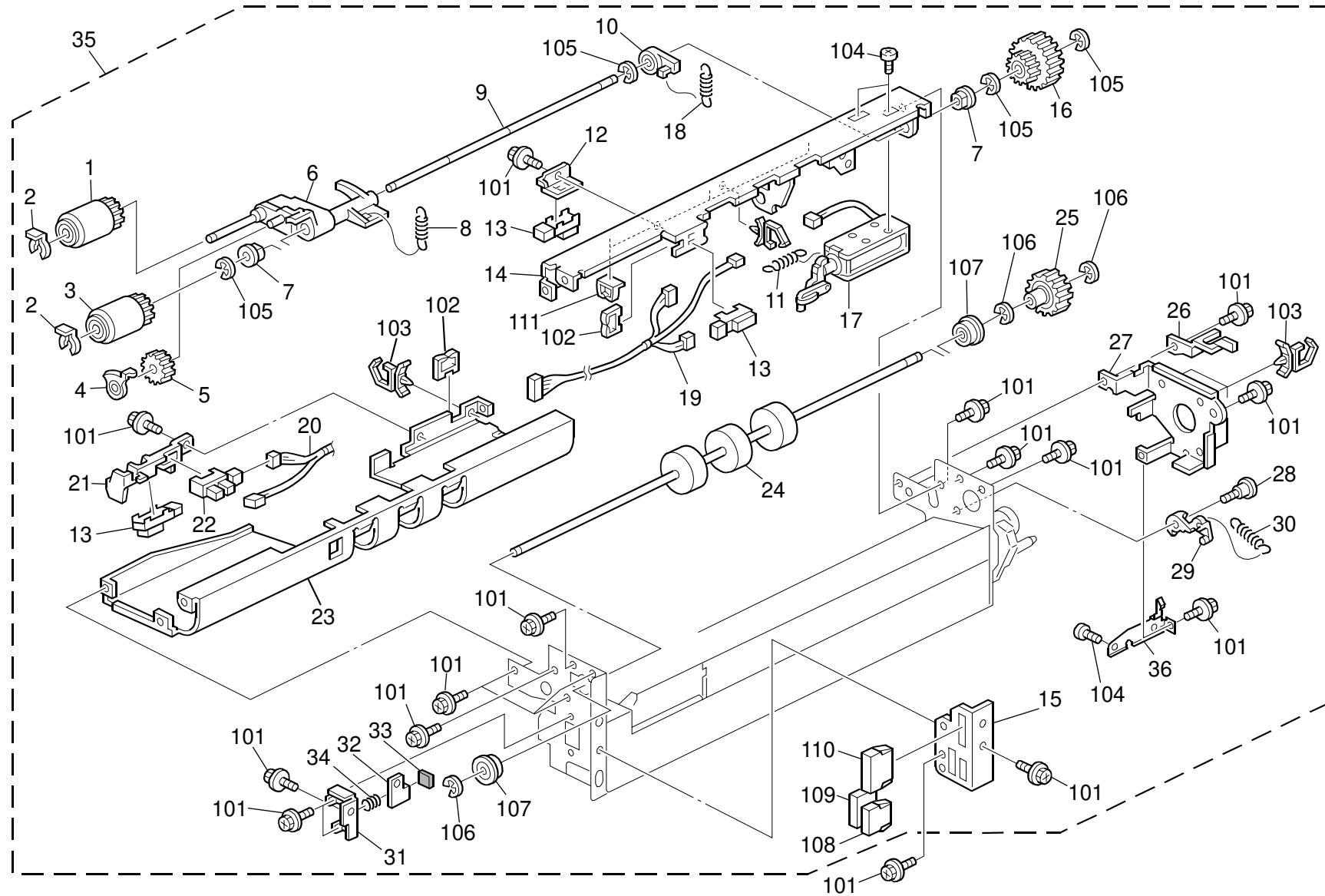


10.UNIVERSAL TRAY (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B132 6770	Paper Tray:Universal:Dom:Ass'y	1
2	B132 6788	Link:End Fence	1
3	B132 6789	Link:Side Fence	1
4	B132 6798	Spring Plate:Paper Tray:Earth	1
5	B247 6634	Grip - Paper Tray Cover	1
6	B065 6588	Right Support Plate	1
7	B132 6786	Decal:Paper Tray:Paper Set Direction	1
8	B065 6545	Decal - Positioning	2
9	AA00 3212	Decal:Paper Tray:Display:2	1
10	A096 6553	Side Fence Pad	2
11	B132 6791	Plate:Side Fence	1
12	A134 2978	Spring Plate	1
13	B065 6538	Positioning Stopper Lever	1
14	B132 6793	Side Fence:Front:Ass'y	1
15	AF01 7032	End Fence	1
16	B065 6589	Left Support Plate	1
17	AF01 3005	Bottom Plate Pad	1
18	B132 6785	Tray Bottom Plate:Ass'y	1
19	AB01 2327	Gear:16Z	1
20	B065 6591	Paper Tray Holder Base	1
21	AA00 2010	Decal - Paper Level	4
22	B132 6797	Side Fence:Rear:Auxiliary	1
23	A267 2859	Side Fence Stopper	1
24	A267 2860	Rear Lever Stopper	1
25	A267 2857	Spring Plate - Side Fence	1
26	AA00 3213	Decal:Paper Tray:Display:3	1
27	B132 6795	Side Fence:Rear:Ass'y	1
28	B132 6783	Arm:End Fence:Lock	1
29	AA06 0961	Tension Spring:Side Fence:Rear	1
30	B065 6524	Bottom Plate Lift Shaft	1
31	B065 6526	Lift Lever	1
32	A176 6695	Misfeed Removal Guide	1
33	B065 6581	Paper Tray Holder Stay	1
34	B247 6632	Paper Tray Cover - Long	1
35	B247 6633	Paper Tray Cover - Short	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0451 4008N	Tapping Screw:4x8	
103	0453 4008N	Binding Self Tapping Screw:4x8	
104	0360 4008N	Screw - M4X8	
105	0720 0060E	Retaining Ring - M6	
106	0450 4008N	Tapping Screw - M4x8	
107	0452 4008N	Tapping Screw:M4x8	

11.PAPER FEED UNIT 1 (G148)

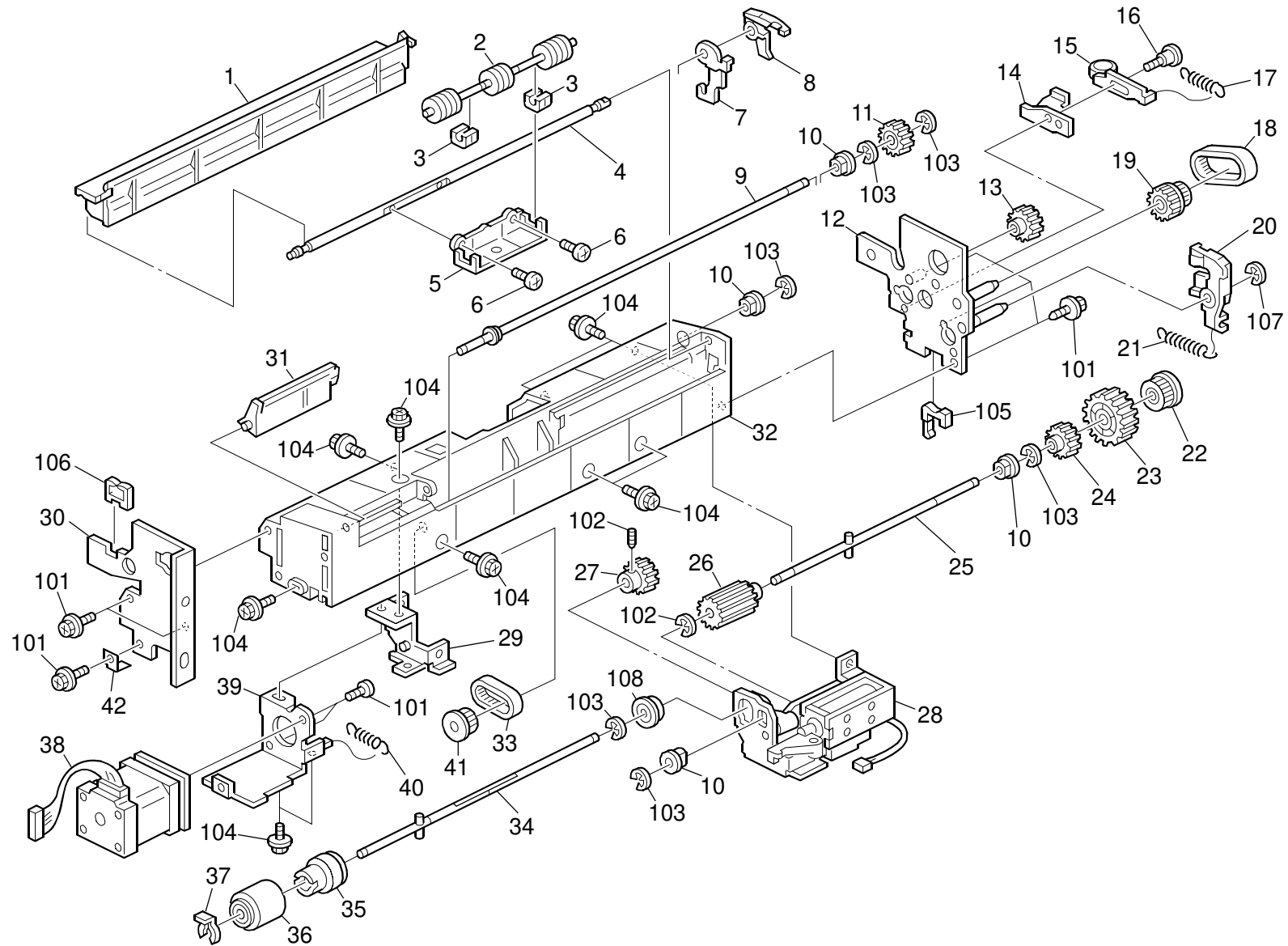


11.PAPER FEED UNIT 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF03 0081	Paper Feed Roller:Pickup	1
2	5447 2681	Snap Ring	2
3	AF03 1082	Paper Feed Roller:Feed	1
4	B065 6350	Pick-up Gear Cover	1
5	AB01 1465	Idler Gear	1
6	B065 6357	Pick-up Arm	1
7	AA08 2118	Bushing - M6	2
8	AA06 0898	Spring	1
9	AA14 0828	Feed Roller Shaft	1
10	B065 6445	Feed Lever	1
11	AA06 0899	Spring	1
12	B065 6358	Paper Feed Sensor Bracket	1
13	AW01 0107	Paper Feed Sensor	2
14	B065 6364	Feed Stay	1
15	B065 6375	Paper Feed Unit Stay	1
16	AB01 7617	Gear - 21Z/38Z	1
17	B132 6659	DC Solenoid:Pickup:Ass'y	1
18	AA06 0897	Spring	1
19	B132 7581	Harness - Paper Feed Unit Upper	1
20	B132 7580	Harness - Paper Feed Unit Lower	1
21	B065 6345	Paper End Sensor Bracket	1
22	AW02 0160	Paper Feed Sensor	1
23	B140 6339	Paper Feed Guide Plate	1
24	AF02 0562	Transport Roller	1
25	AB01 1466	Gear - 35Z	1
26	B065 6353	Feed Gear Cover	1
27	B065 6366	Drive Bracket	1
28	5894 2540	Arm Screw	1
29	B065 6457	Driven Pressure Lever	1
30	AA06 0896	Spring	1
31	B065 6334	Heat Sink Base	1
32	B065 6337	Heat Sink	1
33	B065 6338	Heat Sink Sheet	1
34	AA06 3889	Heat Sink Spring	1
35	B132 6620	Paper Feed Unit	3

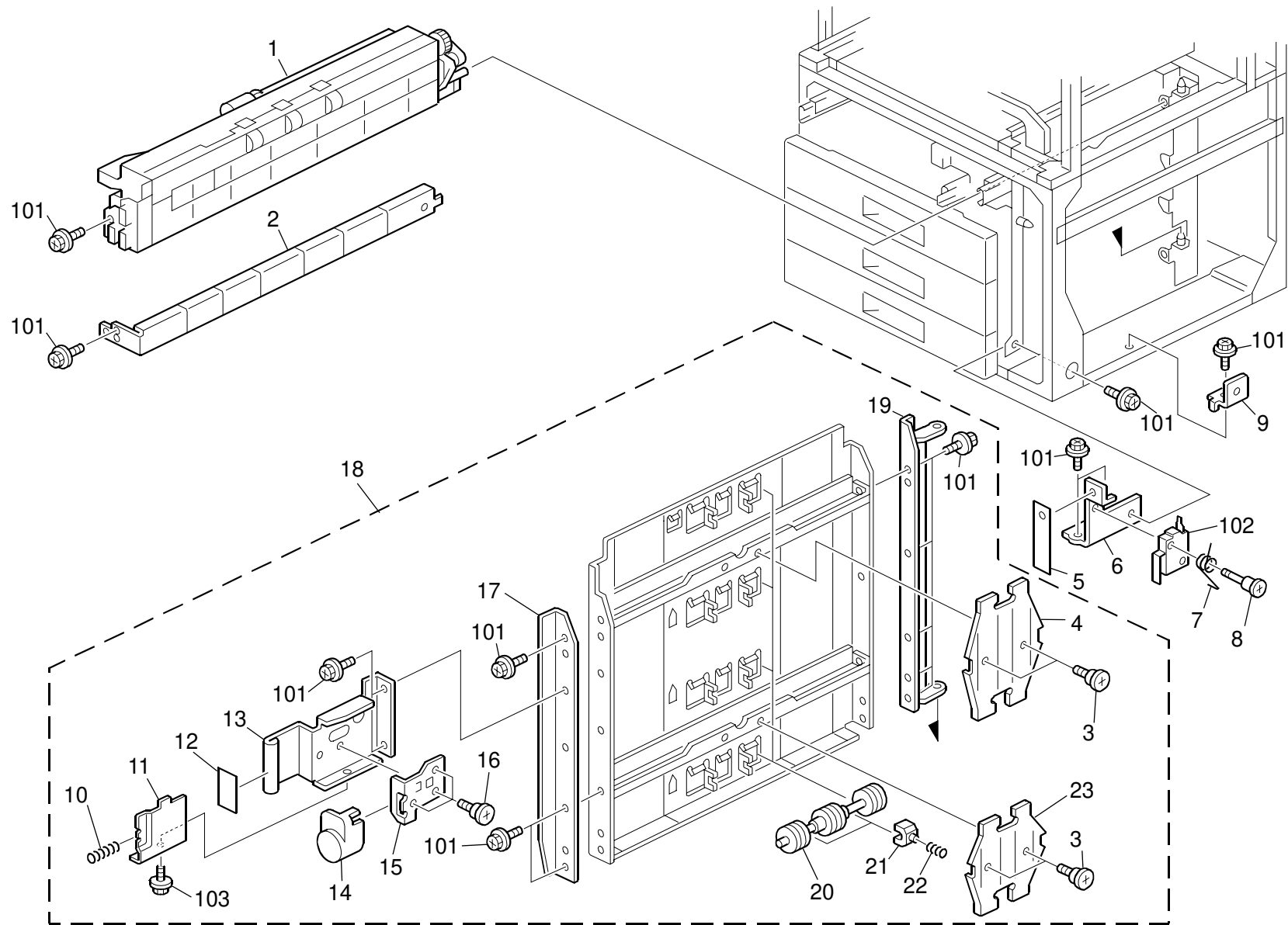
Index No.	Part No.	Description	Q'ty Per Assembly
36	B140 6377	Ground Plate:Reverse:Paper Feed Unit	1
101	0451 4008N	Tapping Screw:4x8	
102	1105 0328	Harness Clamp - ES-0505	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	0353 0040N	Screw - M3X4	
105	0720 0040E	Retaining Ring - M4	
106	0720 0060E	Retaining Ring - M6	
107	0742 3808	Ball Bearing - 8x16x5	
108	1102 6249	Relay Connector - 6P	
109	1102 6251	Connector - 8P	
110	1102 6252	Connector - 9P	
111	1105 0542	Harness Clamp - MSBS-1207	

12.PAPER FEED UNIT 2 (G148)





13.VERTICAL TRANSPORT (G148)



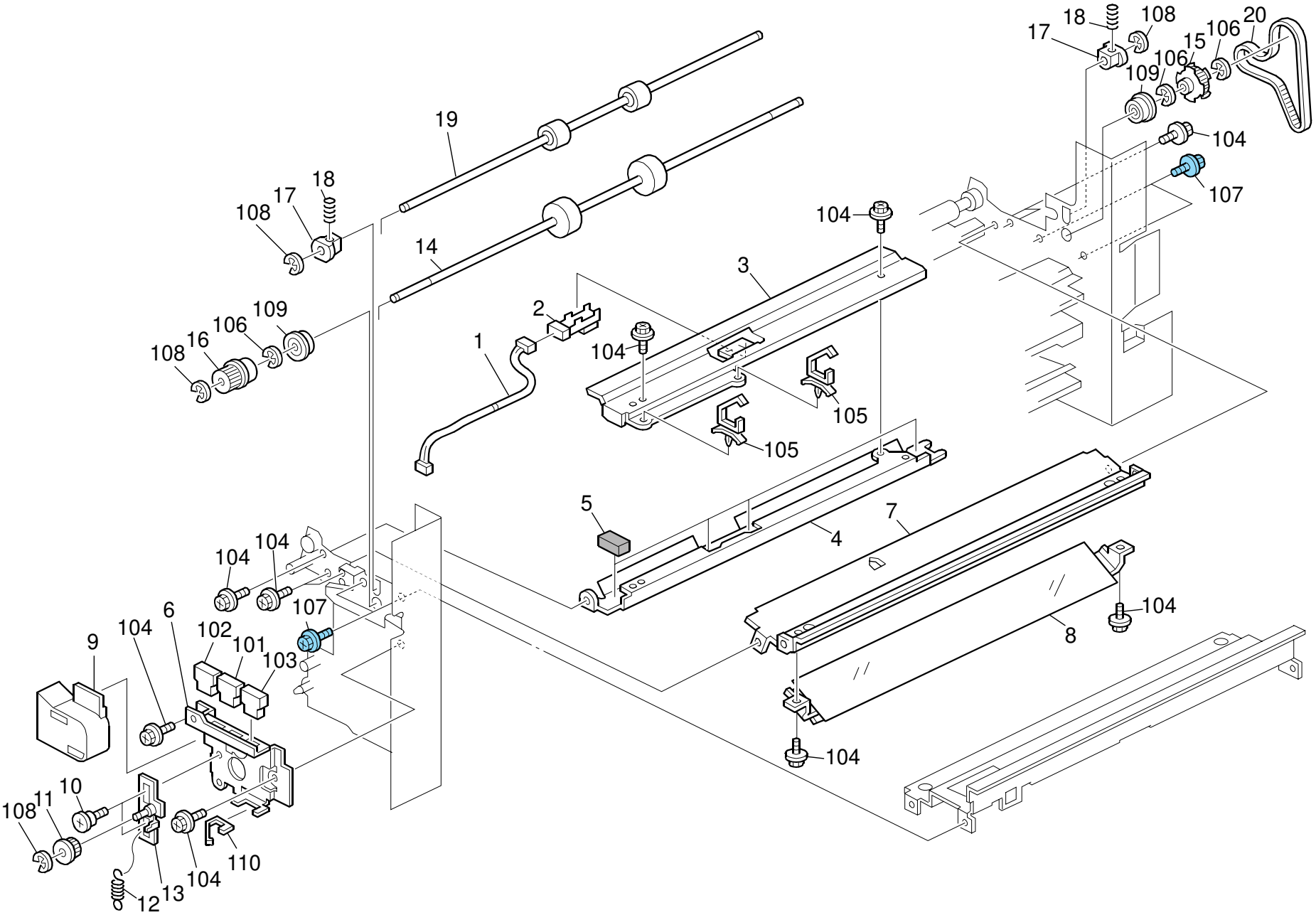
13.VERTICAL TRANSPORT (G148)



Index No.	Part No.	Description	Q'ty Per Assembly
1	B132 6620	Paper Feed Unit	1
2	B140 6361	Paper Bank Connecting Guide Plate	1
3	B247 6982	Stepped Screw - M5	4
4	B065 6402	Transport Pressure Plate	1
5	A096 5528	Micro Switch Sheet	1
6	B065 6122	Micro Switchbracket	1
7	A423 4433	Spring	1
8	AA14 3809	Shoulder Screw - M2.5	1
9	B065 6078	LCT Stay	1
10	AA06 3878	Spring	1
11	B247 6430	Cover:Release:Vertical Transport	1
12	A029 2984	Decal - Grip	1
13	B247 6426	Lever:Release:Vertical Transport	1
14	B065 6428	Release Button - Vertical Transport	1
15	B065 6427	Release Lever - Vertical Transport	1
16	AA14 3560	Stepped Screw - M4	3
17	B065 6403	Front Side Plate - Vertical Transpo	1
18	B247 6421	Transport Unit:Vertical Transport:Ass'Y	1
19	B065 6404	Rear Side Plate - Vertical Transpor	1
20	AF02 0295	Vertical Driven Roller	4
21	AA08 0241	Bushing - M4	8
22	AA06 3487	Spring - 10mm	8
23	B065 6407	Transport Pressure Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	1204 2521	Micro Switch	
103	0451 4008N	Tapping Screw:4x8	

14.PAPER REGISTRATION 1 (G148)

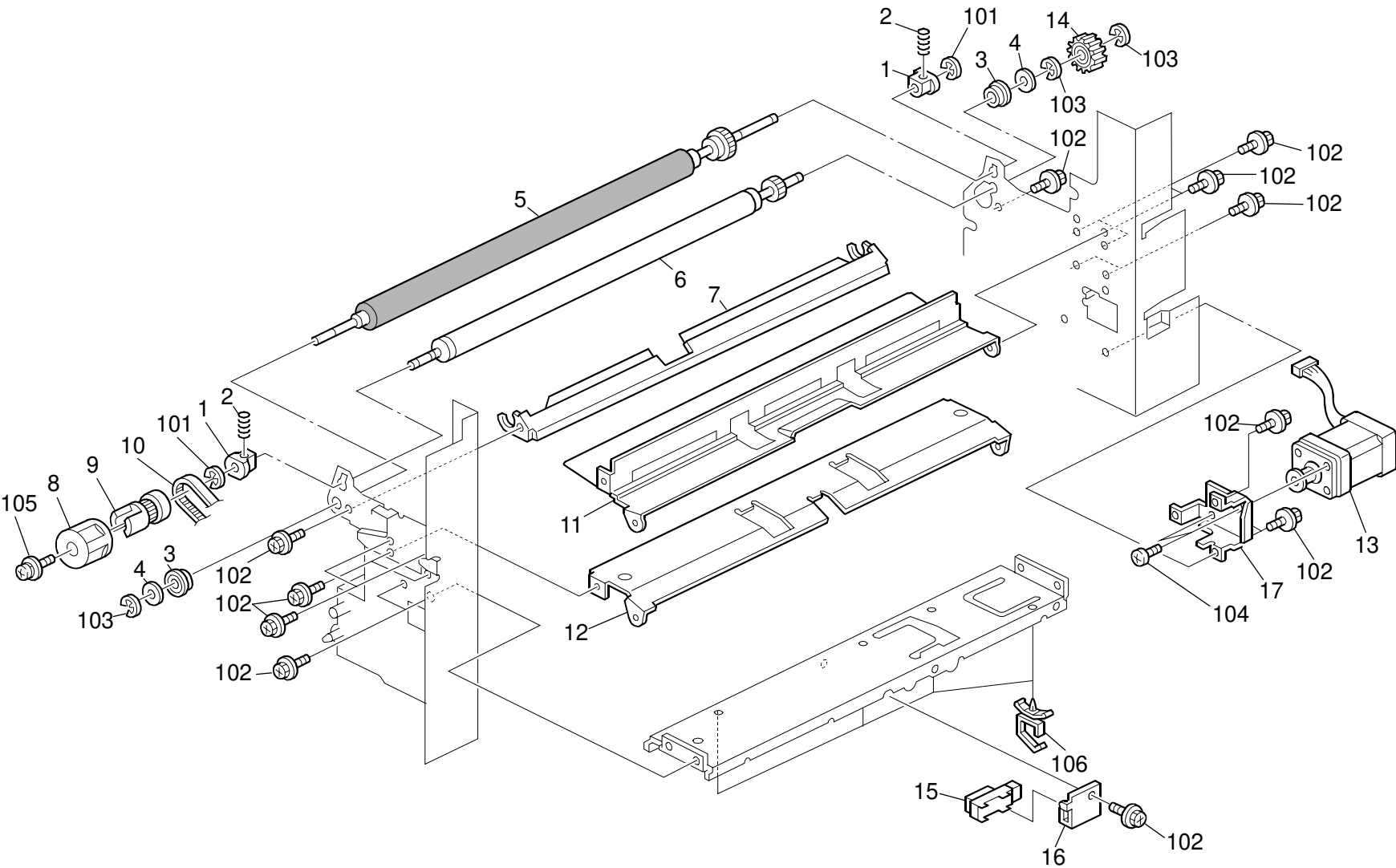


14.PAPER REGISTRATION 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 2763	Relay Registration Harness	1
2	AW01 0107	Paper Feed Sensor	1
3	B065 2621	Sensor Bracket	1
4	B065 2620	Paper Dust Removal Case	1
5	AA15 2441	Case Seal	4
6	G148 2612	Bracket:Connector:Development	1
7	B140 2614	Upper Front Registration Guide	1
8	B140 2622	Lower Front Registration Guide	1
9	G148 2815	Cover:Timing Belt	1
10	AA14 3358	Stepped Screw - M4x3	2
11	GB03 0042	Timing Pulley:18T	1
12	GA06 0064	Tension Spring:Tensioner	1
13	G148 2615	Bracket:Belt Tensioner	1
14	GF02 0038	Transport Roller	1
15	GB03 0038	Timing Pulley:T40	1
16	GB03 0039	Timing Pulley:T18	1
17	AA08 0037	Bushing - 6mm	2
18	GA06 3065	Compression Spring	2
19	GF02 2007	Transport Roller	1
20	GA04 3028	Timing Belt:60S2M288	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 6247	Connector - 4P	
102	1102 6260	Relay Connector - 3P	
103	1102 6279	Connector - 3P	
104	0451 4008N	Tapping Screw:4x8	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	0720 0060E	Retaining Ring - M6	
107	0454 4008Q	Tapping Screw - M4x8	
108	0720 0040E	Retaining Ring - M4	
109	0742 3808	Ball Bearing - 8x16x5	
110	1105 0522	Edge Saddle - Les0510	

15.PAPER REGISTRATION 2 (G148)

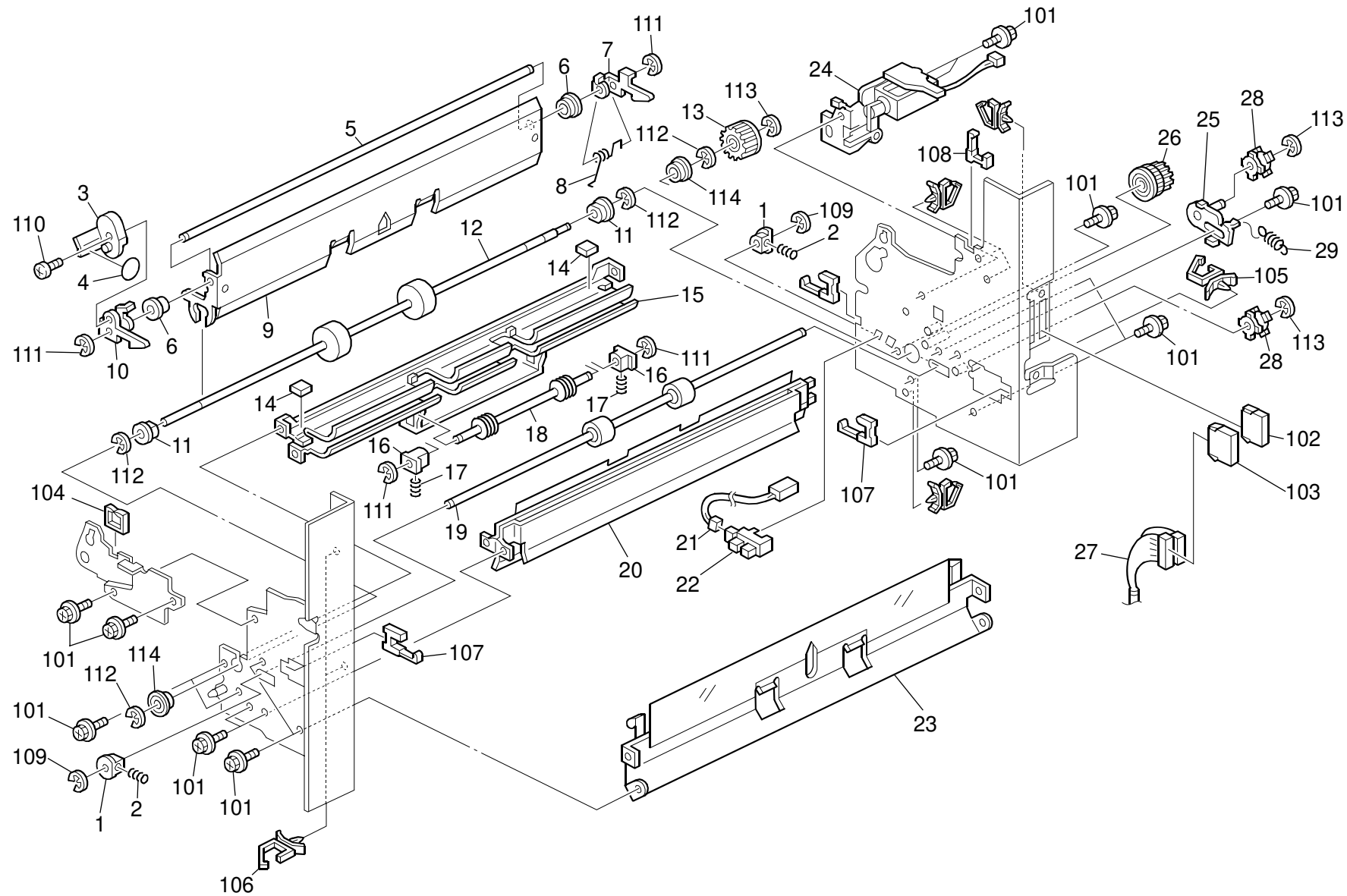


15.PAPER REGISTRATION 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA08 0037	Bushing - 6mm	2
2	5442 2754	Spring - Registration Roller	2
3	A247 2800	Ball Bearing - 8x12x5	2
4	AA13 2025	Spacer - 1x8x12	2
5	G148 2627	Registration Roller:Lower	1
6	B247 2623	Registration Roller:Upper:Press Fit	1
7	B247 2611	Lower Registration Guide	1
8	GG05 0001	Knob:Registration Roller	1
9	GB03 0037	Timing Pulley:15T	1
10	GA04 3029	Timing Belt:40S2M236	1
11	G148 2721	Guide Plate:Receiver:Upper	1
12	G148 2732	Guide Plate:Receiver:Lower	1
13	B132 6655	Stepper Motor:Paper Feed Unit:Ass'y	1
14	AB01 4077	Registration Roller Gear	1
15	AW01 0107	Paper Feed Sensor	1
16	B065 2708	Middle Sensor Bracket	1
17	B065 2752	Motor Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Tapping Screw:4x8	
103	0720 0060E	Retaining Ring - M6	
104	0453 3006N	Tapping Screw - M3x6	
105	0951 3008N	Screw:Polished Roud:M3X8	
106	1105 0487	Harness Clamp	

16.PAPER REGISTRATION 3 (G148)

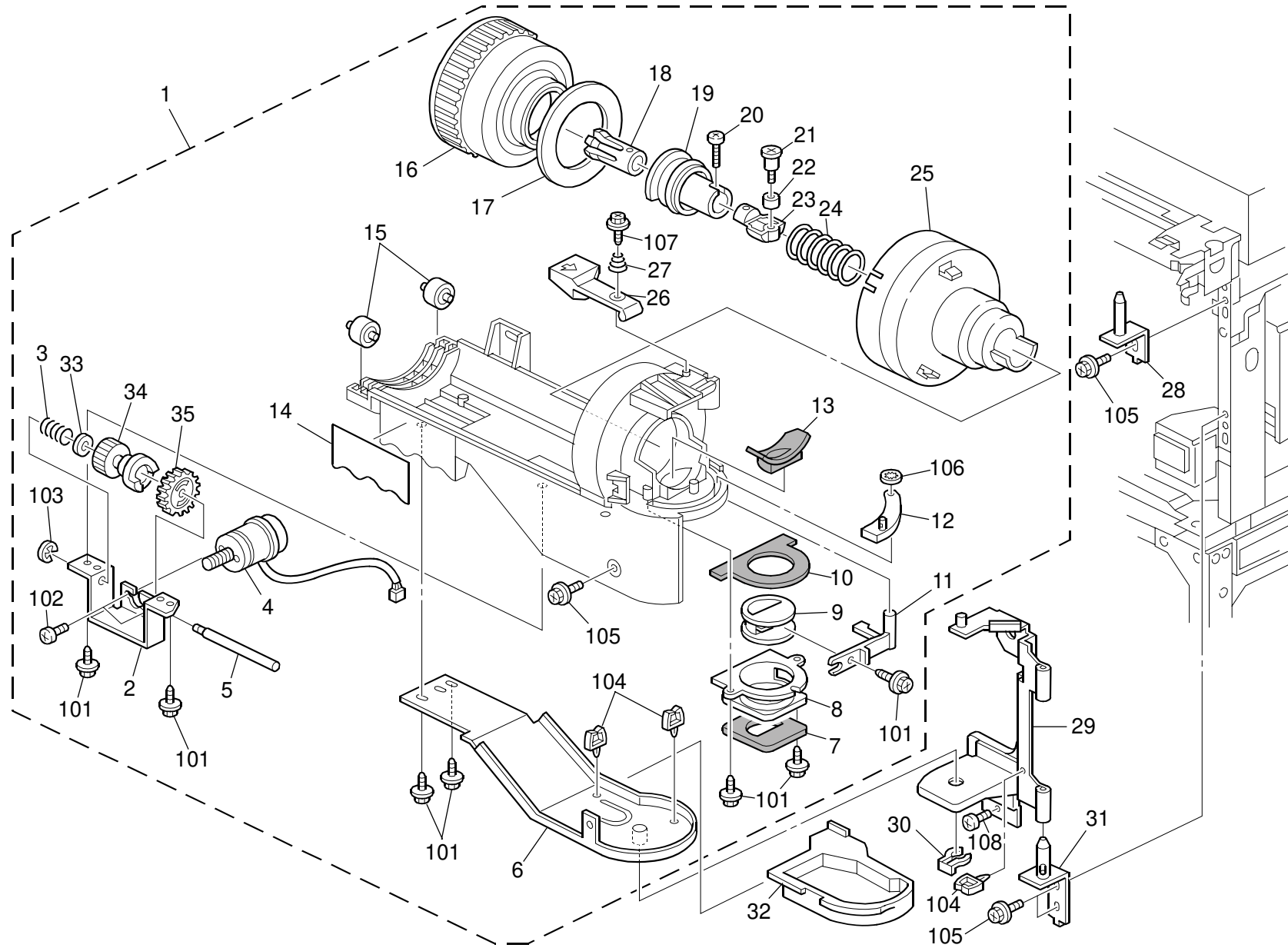


16.PAPER REGISTRATION 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA08 0037	Bushing - 6mm	2
2	GA06 3065	Compression Spring	2
3	A229 2717	Lock Lever	1
4	AA00 1213	Decal - B2	1
5	B247 2642	Lock Shaft	1
6	5443 2668	Bushing - 4x6x7mm	2
7	A229 2655	Read Rock	1
8	B247 2644	Rear Lock Spring	1
9	B140 2647	Open And Close Guide Ass'y	1
10	A096 2633	Front Lock	1
11	AA08 2116	Bushing - M8	2
12	AF02 0564	Connecting Roller	1
13	AB01 1457	Transport Roller Gear	1
14	A469 2123	Rubber Cushion - 1x10x10mm	2
15	B140 2671	Exit Duplex Guide Ass'y	1
16	AA08 0034	Bushing - 4x5x7	2
17	B247 2669	Exit Roller Spring	2
18	B247 2678	Duplex Exit Roller	1
19	GF02 2007	Transport Roller	1
20	B140 2665	Paper Bank Guide Plate Ass'y	1
21	B065 2762	Relay Paper Feed Harness	1
22	AW02 0145	Photointerruptor:Flat	1
23	G148 2675	Guide Plate:Paper Bank	1
24	B247 2655	DC Solenoid 24V/16.5W	1
25	B247 2754	Bracket:Tightener:Peen	1
26	AB01 7607	Gear - 22Z/39Z	1
27	G148 2761	Harness:Paper Feed Unit:M-P2:Ass'y	1
28	AB03 0722	Pulley - 13MM	1
29	AA06 0890	Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	1102 6257	Relay Connector - 14P	
103	1102 6258	Relay Connector - 15P	
104	1105 0328	Harness Clamp - ES-0505	
105	1105 0487	Harness Clamp	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0518	Edge Saddle - Les-1010	
108	1105 0522	Edge Saddle - Les0510	
109	0720 0040E	Retaining Ring - M4	
110	0453 3006N	Tapping Screw - M3x6	
111	0720 0030E	Retaining Ring - M3	
112	0720 0060E	Retaining Ring - M6	
113	0720 0040E	Retaining Ring - M4	
114	0742 3808	Ball Bearing - 8x16x5	

17.TONER HOPPER SECTION (G148)

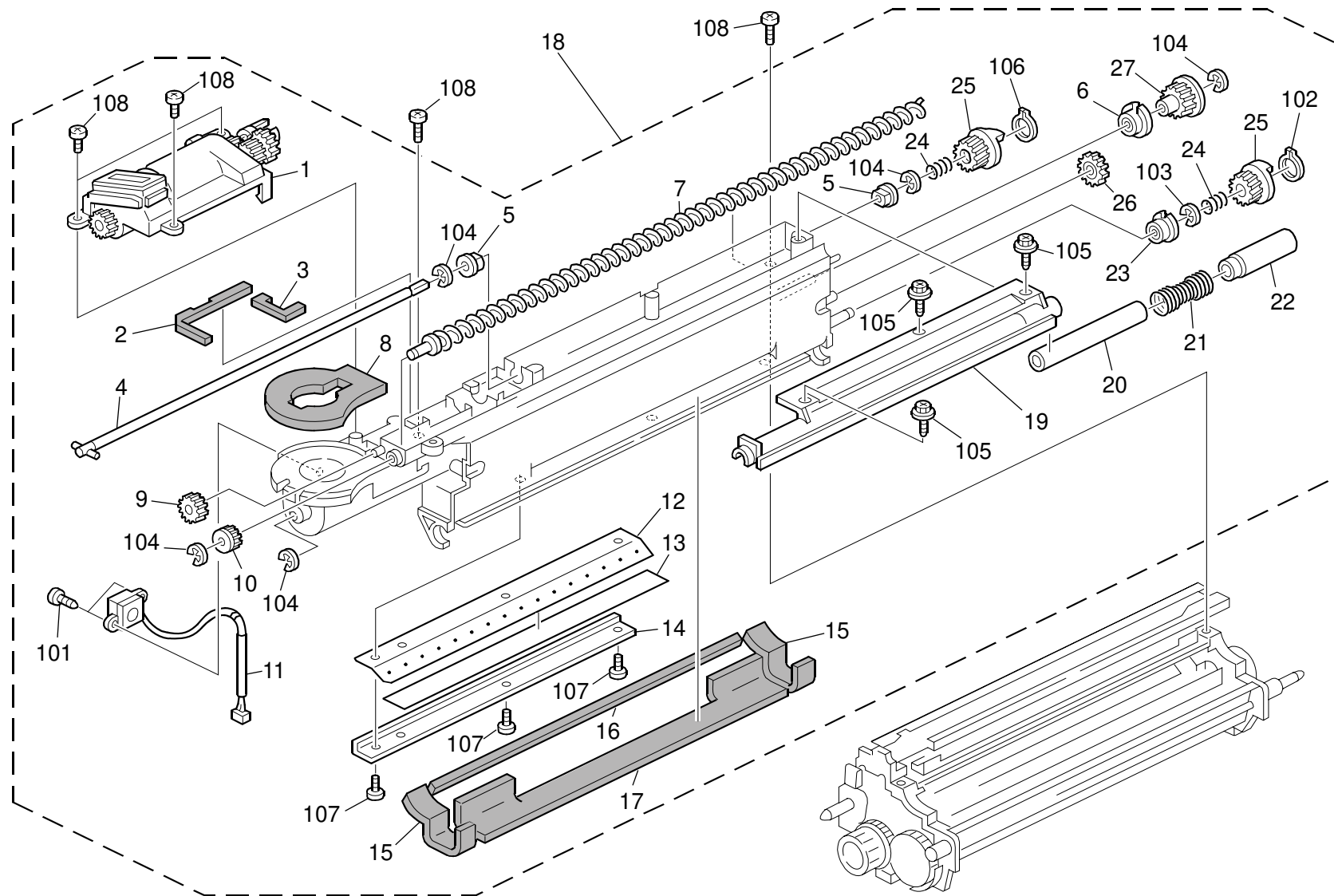


17.TONER HOPPER SECTION (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 3301	Bottle Drive Unit	1
2	B065 3309	Toner Bottle Drive Bracket	1
3	AA06 0291	Spring	1
4	B247 5312	DC Motor:Toner Bottle:Ass'y	1
5	B247 3332	Shaft:Idler:Drive:Toner Bottle	1
6	B247 3311	Bracket:Turn:Toner Bottle:Sub-ass'y	1
7	A229 3263	Outer Shutter Shield	1
8	A229 3261	Outer Shutter	1
9	A229 3262	Inner Shutter	1
10	A229 3266	Upper Shutter Shield	1
11	A229 3264	Shutter Lever	1
12	A229 3285	Shutter Cover	1
13	A229 3219	Rubber Bushing - Toner Supply Unit	1
14	AA00 1394	Decal - Toner Supply	1
15	A096 3224	Bottle Roller	2
16	B065 3306	Gear:Toner Bottle:ASS'Y	1
17	A293 3234	Shield Plate - Toner Bottle	1
18	A293 3230	Toner Bottle Chuck	1
19	A293 3227	Toner Slider	1
20	AA14 3816	Flat Screw:Chuck:Bottle	1
21	B247 3331	Screw	1
22	A229 3232	Chuck Roller	1
23	A134 3179	Chuck Shaft	1
24	AA06 3366	Chuck Spring	1
25	A293 3220	Toner Bottle Stopper	1
26	A293 3282	Toner Bottle Pawl	1
27	B247 3330	Spring	1
28	B247 3273	Contact Point Stay - Upper	1
29	B247 3316	Bracket:Hinge:Open And Close:Ass'y	1
30	A222 2724	External Circlip - Mm8	1
31	B247 3271	Contact Point Stay - Lower	1
32	B247 3258	Toner Catchpan Bottle	1
33	AA13 2024	Spacer - M6	1
34	A229 3243	Motor Joint Gear	1
35	A229 3242	Toner Bottle Joint Gear	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0800 0072	Philips Pan Head Screw - M2.6x4	
103	0720 0040E	Retaining Ring - M4	
104	1105 0229	Clamp	
105	0451 4008N	Tapping Screw:4x8	
106	0805 0072	Cs Ring	
107	0450 3006N	Tapping Screw - M3x6	
108	0354 0080N	Screw:M4X8	

18.TONER SUPPLY UNIT (G148)

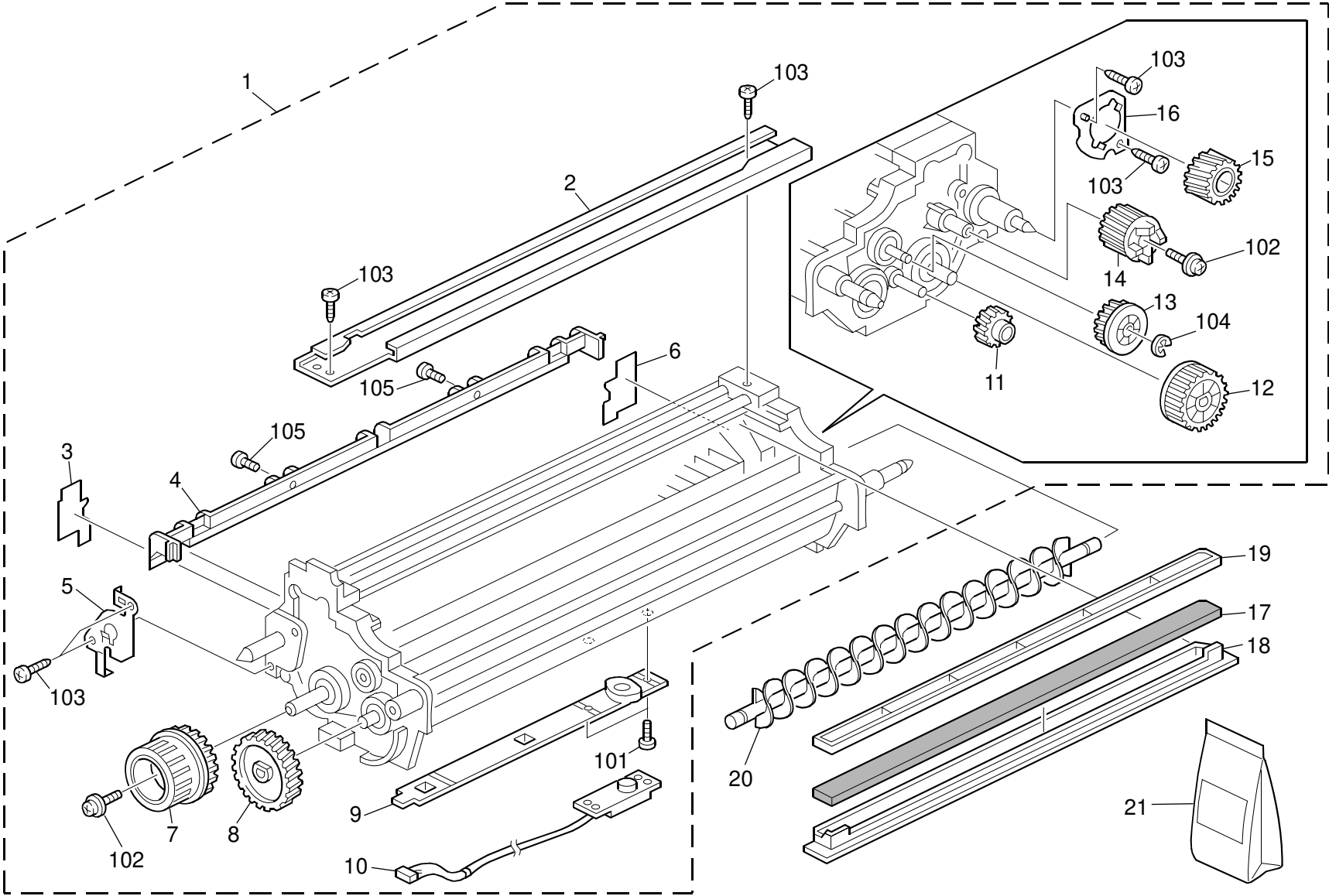


18.TONER SUPPLY UNIT (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 3161	Classification Ass'y	1
2	B065 3122	Toner Separation Joint Seal	1
3	B065 3123	Rear Toner Separation Joint Seal	1
4	B065 3125	Toner Separation Drive Shaft	1
5	5053 0447	Bushing - 6mm	2
6	B247 3176	Boss:Bearing:Agitator:Press Fit	1
7	B247 3720	Transport Screw	1
8	A229 3154	Case Seal	1
9	B065 3138	Idle Gear	1
10	B065 3139	Toner Collection Gear	1
11	B247 5311	Toner End Sensor:Ass'y	1
12	A096 3181	Slitter	1
13	AA15 0361	Slitter Cover Seal	1
14	B065 3146	Nut	1
15	B065 3152	Lower Front Case Seal - Rear	2
16	B065 3153	Lower Filter Case Filter	1
17	B065 3151	Lower Right Case Seal	1
18	B247 3200	Toner Supply Unit:Ass'y	1
19	B065 3140	Upper Cover	1
20	B065 3141	Exit Toner Pile	1
21	B065 3143	Toner Separation Spring	1
22	B065 3142	Toner Separation Shutter	1
23	B247 3175	Bushing 8x14x8	1
24	AA06 0291	Spring	2
25	AB01 3748	Joint Gear - 15z	2
26	AB01 3747	Gear - 16Z	1
27	AB01 3749	Gear - 15Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3008P	Binding Self-tapping Screw 3x8	
102	0727 0060E	Retaining Ring - M6	
103	0720 0060E	Retaining Ring - M6	
104	0720 0040E	Retaining Ring - M4	
105	0450 4008N	Tapping Screw - M4x8	
106	0727 0060E	Retaining Ring - M6	
107	0314 0060N	Screw - M4X6	
108	0354 0080N	Screw:M4X8	

19.DEVELOPMENT UNIT 1 (G148)

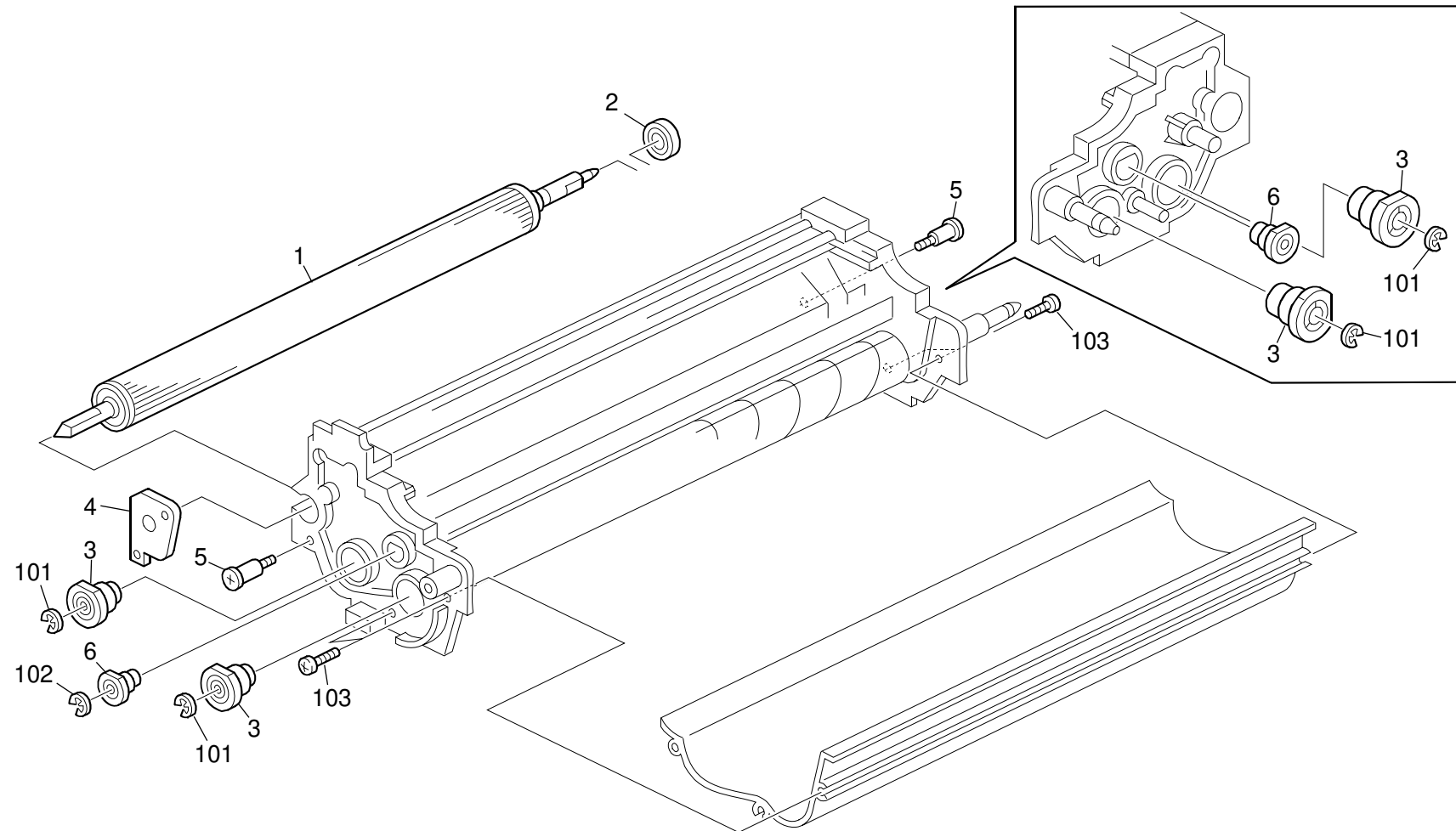


19.DEVELOPMENT UNIT 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 3050	Development Unit	1
2	B065 3095	Development Guide Rail	1
3	B140 3099	Shield - Drum Front	1
4	B110 3091	Entrance Seal Ass'y	1
5	B065 3082	Development Bias Plate	1
6	B140 3100	Shield - Drum Rear	1
7	B065 3071	Development Knob	1
8	B065 3076	Gear - 41Z	1
9	B065 3065	Toner Sensor Guide	1
10	B247 5310	Toner Density Sensor	1
11	B065 3098	Gear - 17Z	1
12	B065 3073	Gear - 31Z	1
13	AB01 3790	Gear - 25Z	1
14	B065 3096	Gear - 20Z	1
15	B065 3081	Gear - 21Z	1
16	B065 3079	Ball Bearing Bracket	1
17	B247 3340	Filter:Development	1
18	A096 3141	Development Filter Case	1
19	B065 3108	Filter Plate	1
20	A294 3116	Development Screw	1
21	B064 9640	Developer Type 24 Black	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0060N	Bind Screw - M3x6	
102	0951 4008N	Screw:Polished Round:M4X8	
103	0452 3010N	Binding Self-tapping Screw:3x10	
104	0720 0030E	Retaining Ring - M3	
105	0354 0080N	Screw:M4X8	

20.DEVELOPMENT UNIT 2 (G148)

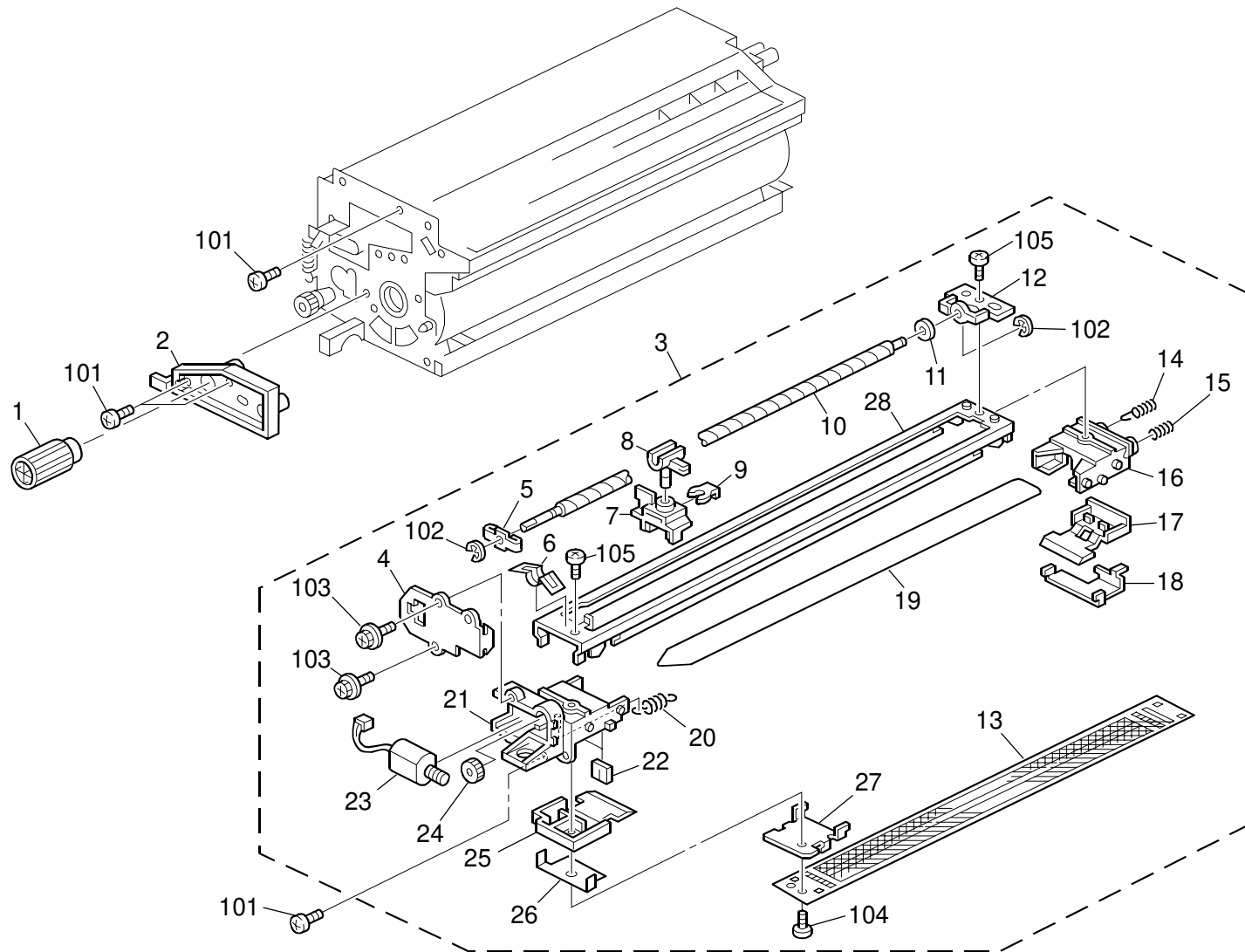


20.DEVELOPMENT UNIT 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3062	Development Roller	1
2	B065 3080	Ball Bearing - 12x21x5	1
3	B065 3069	Bushing - 8mm	4
4	B065 3077	Development Roller Adjuster	1
5	AA14 3426	Stopped Screw - M4x17	2
6	B070 3115	Bushing:4mm	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0720 0030E	Retaining Ring - M3	
103	0354 0120N	Screw M4x12	

21.PCU 1 (G148)

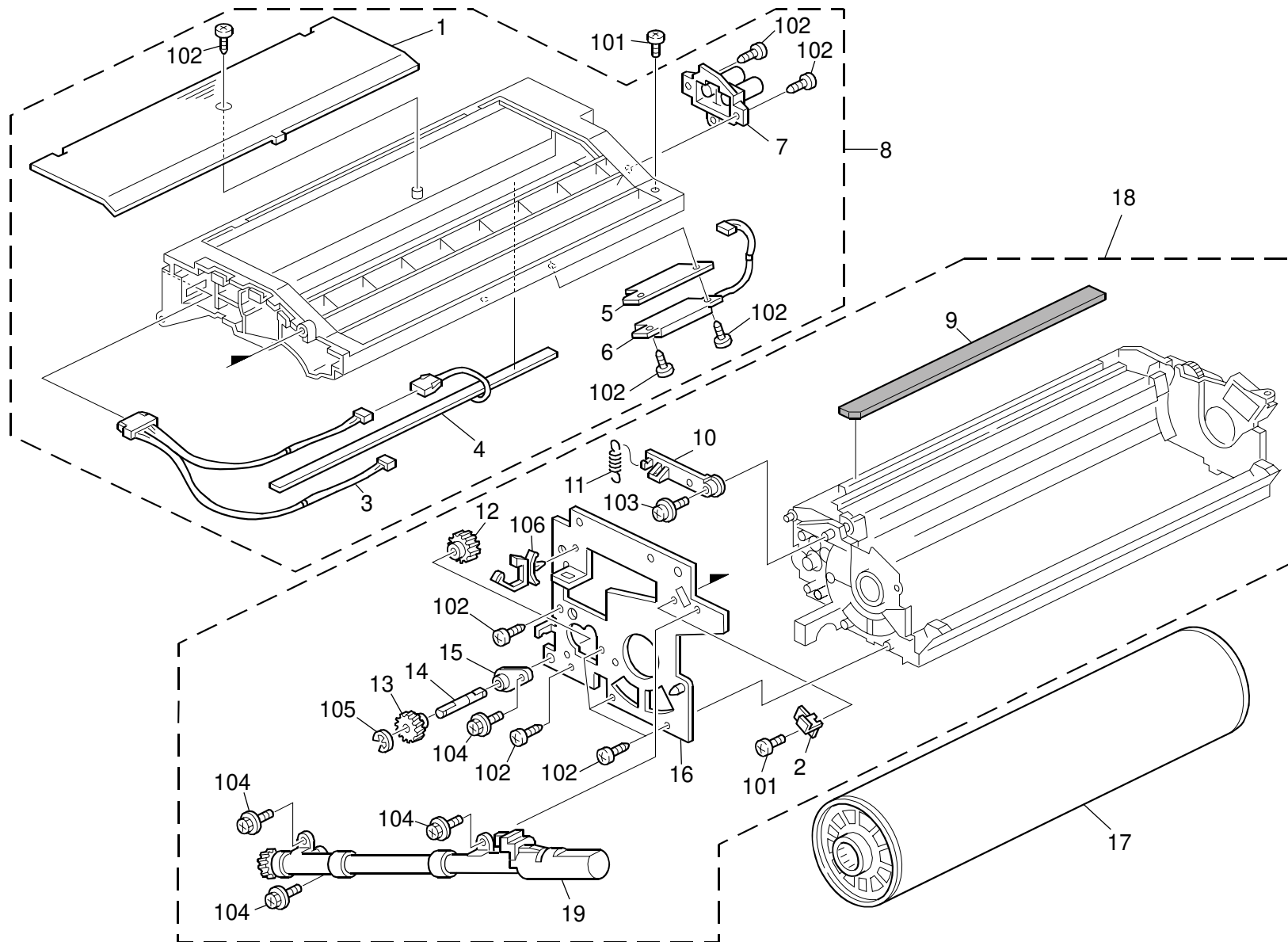


21.PCU 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 2410	Drum Shaft Knob	1
2	B065 3258	Development Drum Stay	1
3	B247 2010	Charge Corona Unit	1
4	B070 2365	Cleaner Motor Cover	1
5	AA08 0147	Front Bushing	1
6	A176 2054	Grounding Plate	1
7	A096 2063	Corona Wire Cleaner	1
8	A096 2062	Wire Cleaner Slider	1
9	A096 2065	Slider Ring	1
10	A176 2061	Screw Shaft	1
11	B247 2295	Cushion - Spacer	1
12	B140 2291	Bushing:Screw Shaft:Rear	1
13	A096 2057	Charge Corona Grid	1
14	AA06 3248	Charge Terminal Spring	1
15	AA06 3249	Grid Terminal Spring	1
16	AD02 2285	Rear End Block	1
17	AD02 2307	Cover - Rear End Block	1
18	A096 2051	Rear Grid Anchor	1
19	B070 2364	Charge Corona Wire	1
20	AA06 2284	Pressure Spring	1
21	AD02 2283	Front End Block	1
22	B234 2123	Cushion - Wire	2
23	AX04 0147	DC Motor:Cleaner	1
24	AB01 0087	Gear - 20Z	1
25	AD02 2306	Cover - Front End Block	1
26	A134 2363	Terminal Plate	1
27	A096 2052	Front Grid Anchor	1
28	B140 2292	Case:Charge Corona	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0354 0080N	Screw:M4X8	
102	0720 0025E	Retaining Ring - M2.5	
103	0450 3008N	Tapping Screw - M3x8	
104	0971 4006A	Philips Polycarbonate Screw - M4x6	
105	0971 4008A	Philips Polycarbonate Screw - M4x8	

22.PCU 2 (G148)

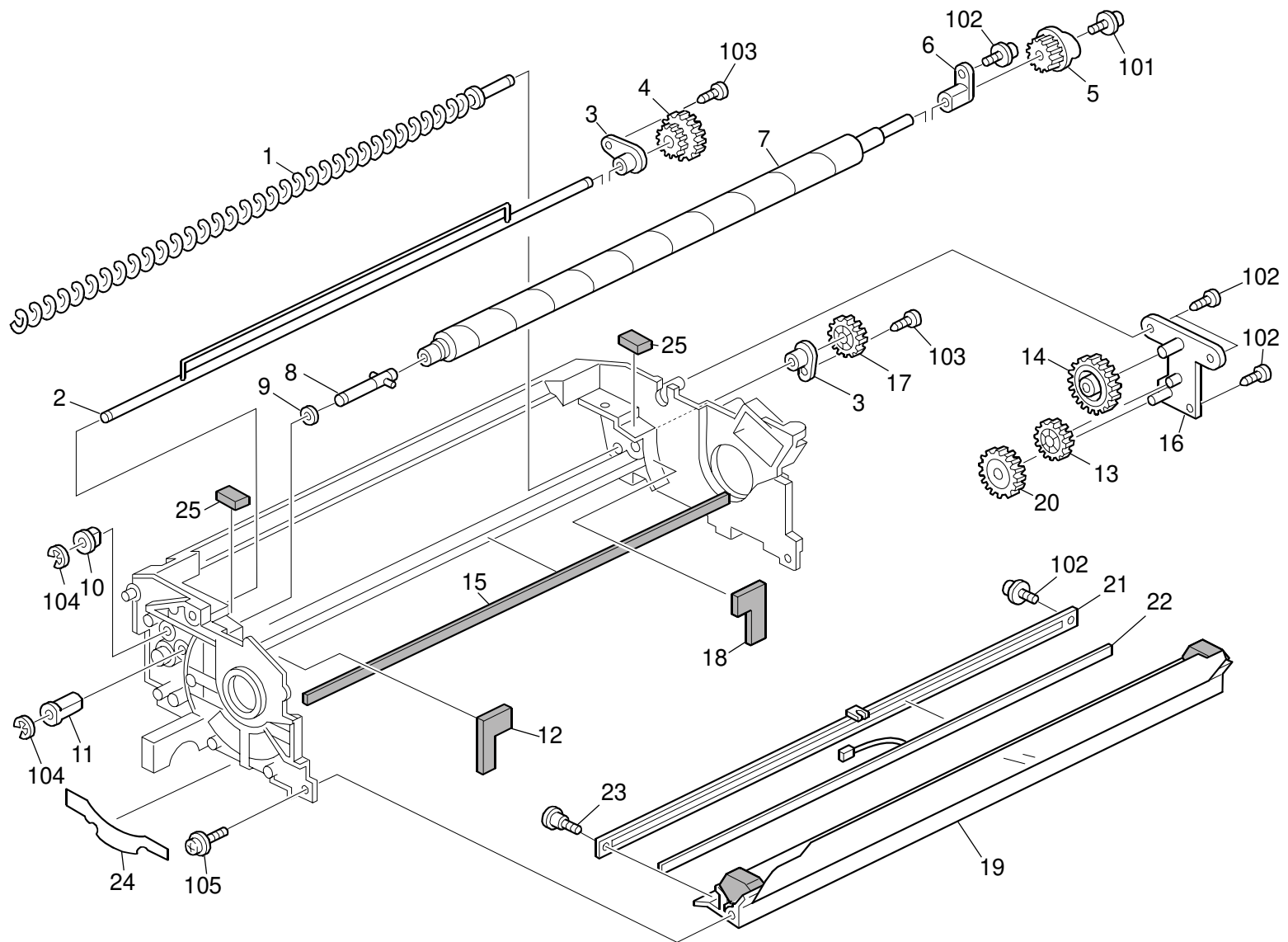


22.PCU 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A293 2418	Upper Unit Cover	1
2	B065 1957	Shield Glass Cover	1
3	B065 2494	Upper PCU Harness	1
4	B234 2270	LED Array	1
5	A096 2301	Grounding Plate	1
6	B247 2271	Electric Potential Sensor	1
7	B065 2392	Receptacle	1
8	B247 2270	PCU Unit - Upper	1
9	B247 3340	Filter:Development	1
10	B065 2426	Pressure Release Lever	1
11	AA06 0891	Spring	1
12	AB01 1461	Toner Recycling Connecting Gear	1
13	AB01 1462	Toner Recycling Gear	1
14	B247 2377	Shaft:Connecting:Toner Recycling	1
15	AA08 2122	Bushing	1
16	B065 2371	Drum Stay	1
17	B246 9510	OPC Drum	1
18	B247 2260	PCU Unit - Lower	1
19	B247 2395	Toner Recycling Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0354 0080N	Screw:M4X8	
102	0452 3008N	Tapping Screw - M3x8	
103	0951 3006N	Screw - M3X6	
104	0451 4008N	Tapping Screw:4x8	
105	0720 0040E	Retaining Ring - M4	
106	1105 0534	Clamp	

23.PCU 3 (G148)

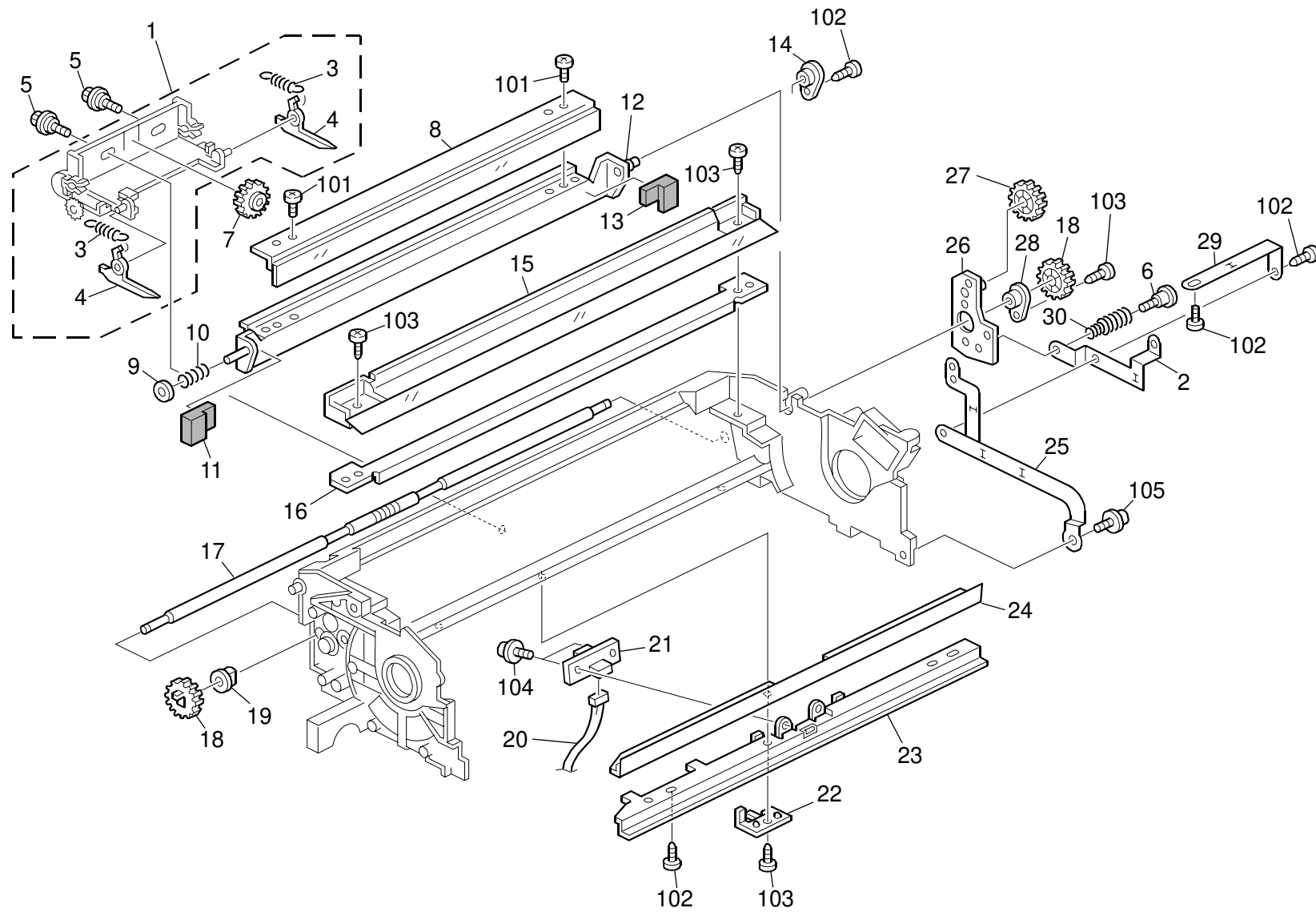


23.PCU 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 2326	Toner Collection Coil	1
2	B247 2322	Agitator:Ass'y	1
3	AA08 2121	Toner Collection Coil Bushing	2
4	B065 2428	Agitator Gear	1
5	B065 2425	Brush Roller Gear	1
6	AA08 2119	Roller Bushing	1
7	B247 2330	Brush Roller:Cleaning	1
8	B247 2366	Shaft:Brush Roller:Front:Ass'y	1
9	AA13 2208	Spacer - M6	1
10	AA08 2101	Bushing - 6x10x6	1
11	AA08 2094	Bushing - Brush Roller	1
12	AA15 2431	Front Drum Seal	1
13	AB01 1460	Idler Gear	1
14	B065 2427	Cam - Blade	1
15	AA15 3088	Cleaning Entrance Seal - 3x345x2	1
16	B247 2353	Bracket:Swivel:Blade:Ass'y	1
17	AB01 1459	Toner Collection Coil Gear	1
18	A294 3572	Rear Drum Seal	1
19	B140 2413	Entrance Transfer Stay Ass'y	1
20	AB01 7612	Gear	1
21	B140 2382	Pre-transfer Lamp Case Ass'y	1
22	B234 2270	LED Array	1
23	5206 2684	Shoulder Screw - M3	1
24	B140 2421	Pre-transfer Lamp Harness Plate	1
25	AA15 3085	Inner Case Seal	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006N	Screw - M3X6	
102	0452 3008N	Tapping Screw - M3x8	
103	0452 3010N	Binding Self-tapping Screw:3x10	
104	0720 0040E	Retaining Ring - M4	
105	0951 3008N	Screw:Polished Roud:M3X8	

24.PCU 4 (G148)

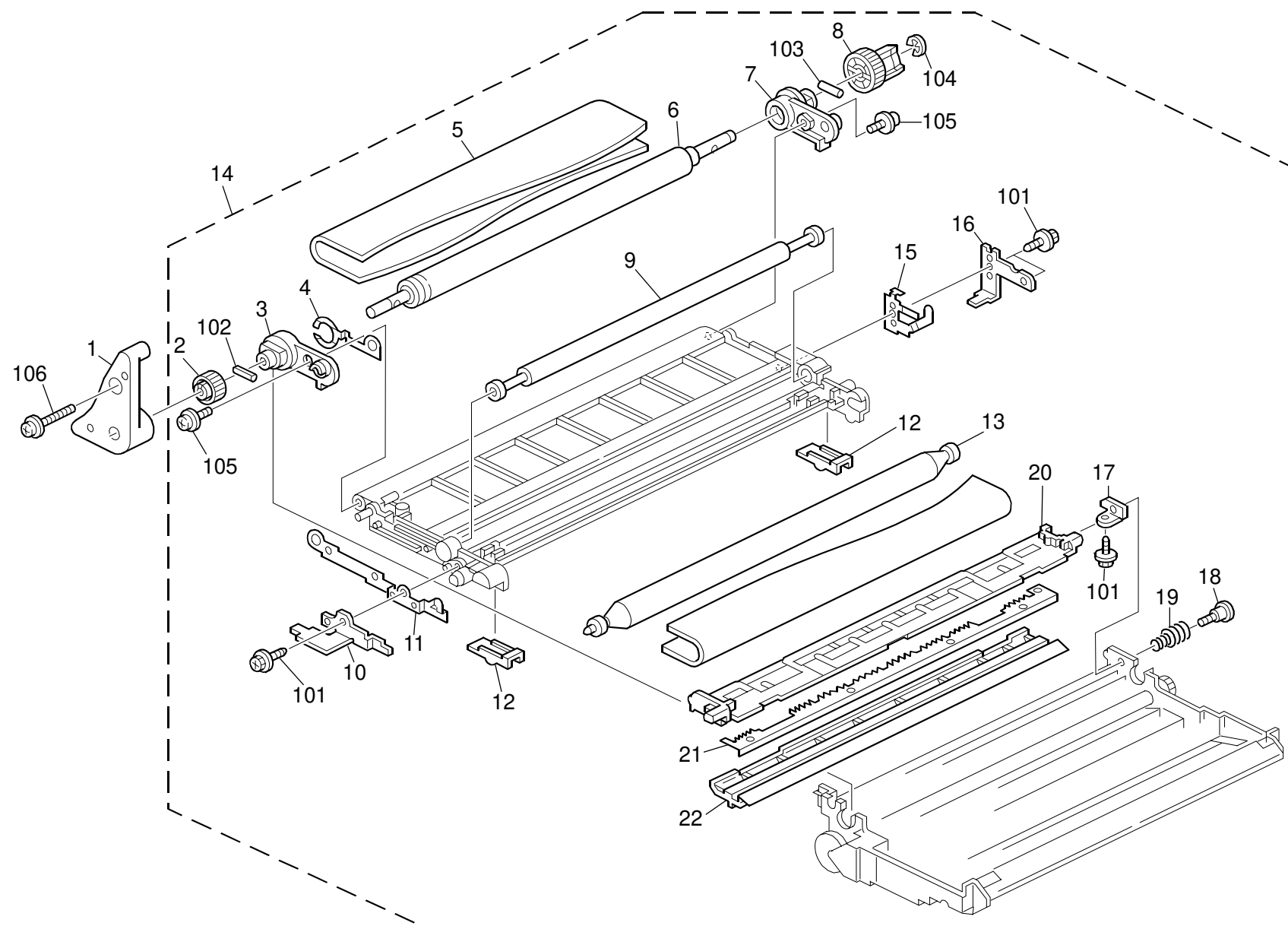


24.PCU 4 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 2336	Pickoff Pawl:Drum:Ass'y	1
2	B065 2358	Bracket Grounding Bracket	1
3	AA06 0892	Pick-off Pawl Spring	2
4	AD02 5024	Pick-off Pawl	2
5	AA14 3523	Shoulder Screw - M3	2
6	AA14 3544	Screw - M3	1
7	AB01 7611	Pick-off Pawl Cam	1
8	AD04 1140	Cleaning Blade	1
9	AA13 2208	Spacer - M6	4
10	AA06 3610	Spring - 4060mn	1
11	B065 2316	Front Blade Seal	1
12	B247 2314	Bracket:Blade:Ass'y	1
13	B065 2317	Rear Blade Seal	1
14	AA08 2120	Bushing	1
15	B065 2386	Middle PCU Casing	1
16	B065 2389	Bracket:Brush Roller	1
17	B247 2342	Shaft:Pickoff Pawl:Swivel	1
18	AB01 1459	Toner Collection Coil Gear	2
19	AA08 2101	Bushing - 6x10x6	1
20	B247 2497	Harness:PCU:Lower	1
21	B234 2279	Density Sensor P	1
22	B065 2364	Pick-off Pawl Positioning Plate	1
23	B065 2361	Entrance Seal Holder	1
24	B065 2362	Cleaning Entrance Seal	1
25	B065 2381	Grounding Plate	1
26	B247 2344	Bracket:Idler:Pickoff Pawl:Ass'y	1
27	AB01 1460	Idler Gear	1
28	AA08 2121	Toner Collection Coil Bushing	1
29	B065 2369	Grounding Plate - Entrance Seal	1
30	AA06 3576	Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0060N	Screw - M4X6	
102	0452 3008N	Tapping Screw - M3x8	
103	0452 3010N	Binding Self-tapping Screw:3x10	
104	0951 3006N	Screw - M3X6	
105	0951 3008N	Screw:Polished Roud:M3X8	

25.TRANSFER BELT UNIT 1 (G148)

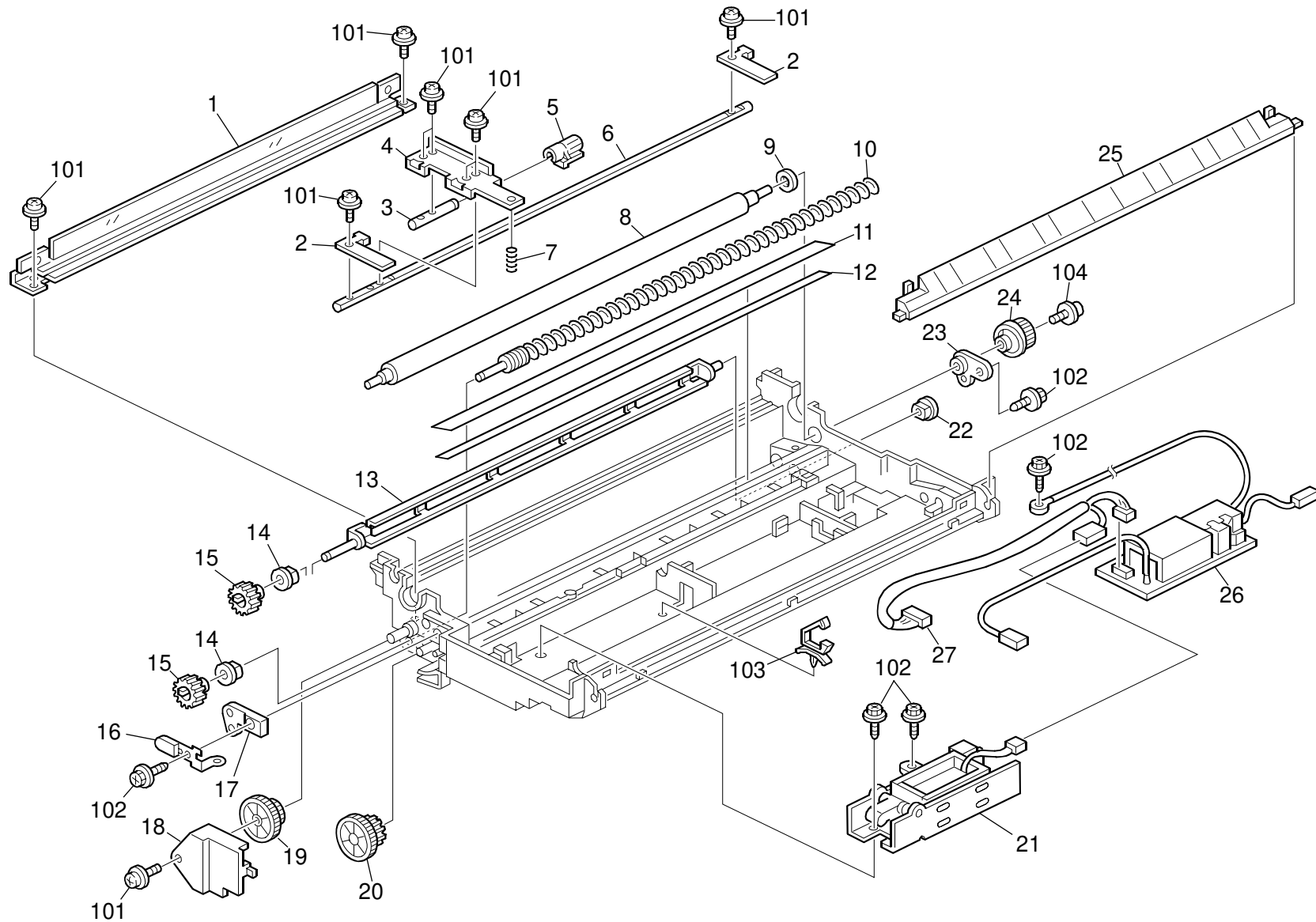


25.TRANSFER BELT UNIT 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3818	Transfer Unit Guide Plate	1
2	B065 3873	Toner Collection Gear	1
3	A229 3861	Front Arm	1
4	A229 3875	Drive Electrode	1
5	A293 3899	Transfer Belt - Mojito Service	1
6	B247 3866	Drive Roller	1
7	A229 3862	Rear Arm	1
8	B065 3872	Transfer Unit Joint	1
9	B247 3870	Bias Roller	1
10	B065 3875	Terminal	1
11	B065 3874	Electrode Plate	1
12	B065 3868	Pressure Arm	2
13	A229 3865	Transport Driven Roller	1
14	B246 3854	Transfer Unit	1
15	B065 3876	Bias Electrode Plate	1
16	B065 3878	Bias Terminal	1
17	B065 3950	Grounding Bracket	1
18	H053 1150	Stepped Screw - Locking	1
19	AA06 3310	Guide Plate Spring	1
20	B065 3942	Guide Plate	1
21	B065 3947	Anti-static Plate	1
22	B065 3945	Entrance Seal Holder	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0623 0120E	Spring Pin - M3x12	
103	0633 0180G	Parallel Pin - 3x18mm	
104	0720 0060E	Retaining Ring - M6	
105	0951 3008N	Screw:Polished Roud:M3X8	
106	0951 4014N	Screw:Polished Round:M4X14	

26.TRANSFER BELT UNIT 2 (G148)

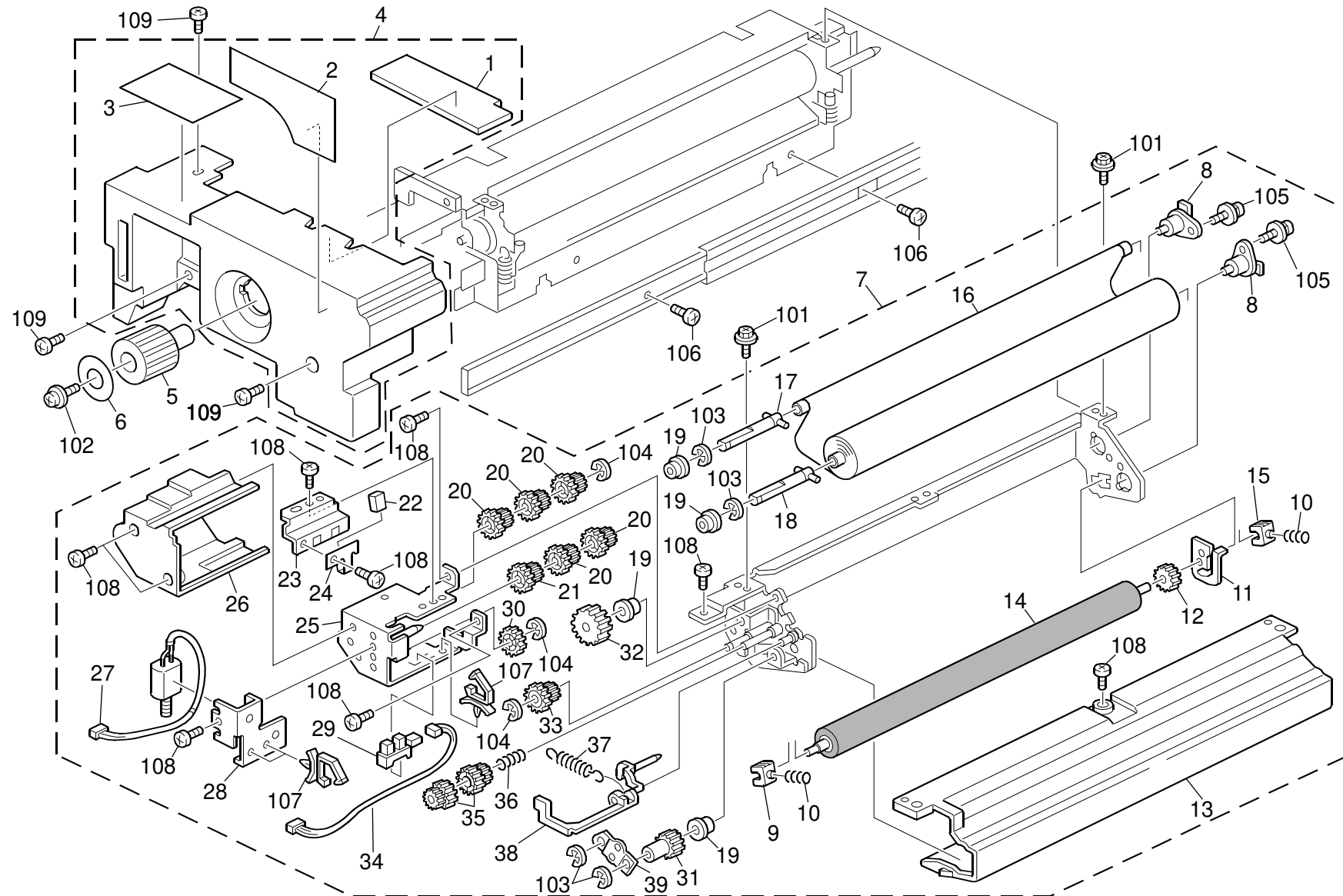


26.TRANSFER BELT UNIT 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AD04 1126	Transfer Belt Cleaning Blade	1
2	B065 3962	Spring Plate	2
3	B247 3965	Lever Shaft	1
4	B065 3963	Lever	1
5	B065 3964	Bushing	1
6	B247 3961	Shaft - On-off	1
7	AA06 3877	Spring	1
8	B247 3925	Cleaning Roller	1
9	AA13 2024	Spacer - M6	1
10	B247 3911	Toner Collection Coil	1
11	AD04 7025	Exit Seal	1
12	A229 3934	Tape	1
13	B247 3914	Agitator	1
14	AA08 2101	Bushing - 6x10x6	2
15	B065 3918	Toner Collection Gear Coil	2
16	B065 3928	Cleaning Roller Terminal	1
17	A229 3910	Front Bushing	1
18	B065 3922	Electrode Plate Cover	1
19	B065 3920	Idle Gear - 1	1
20	B065 3921	Idle Gear - 2	1
21	B247 3966	DC Solenoid 24v	1
22	AA08 2058	Bushing - 6x10x9mm	1
23	A229 3911	Rear Bushing	1
24	AB01 4176	Cam Gear - 37z	1
25	B065 3955	Entrance Guide Plate	1
26	AZ32 0164	Power Pack	1
27	B247 3976	Harness - Transfer Unit	1

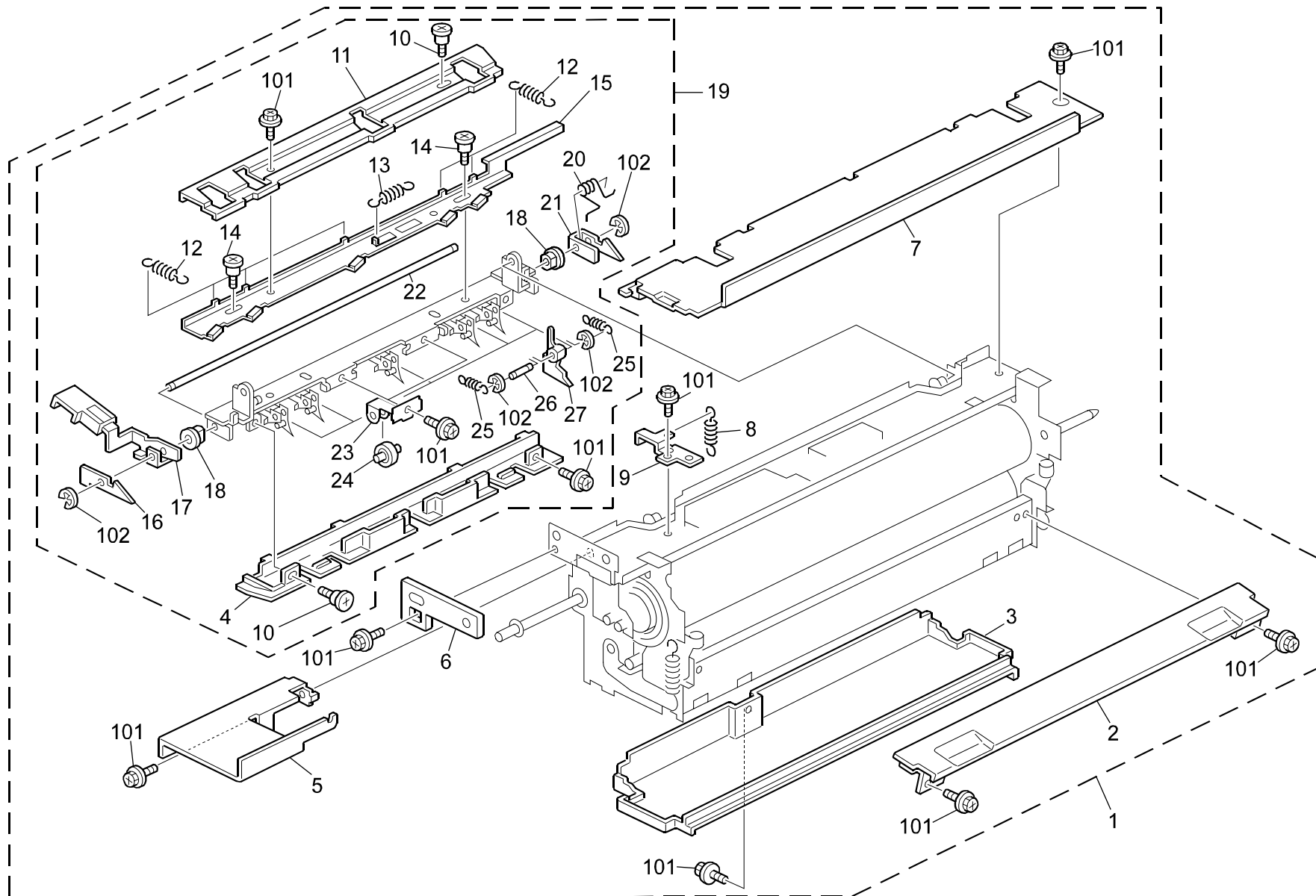
Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006N	Screw - M3X6	
102	0450 3008N	Tapping Screw - M3x8	
103	1105 0487	Harness Clamp	
104	0951 3004P	Screw:Polished Round:M3X4	

27.FUSING UNIT 1 (G148)



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28.FUSING UNIT 2 (G148)

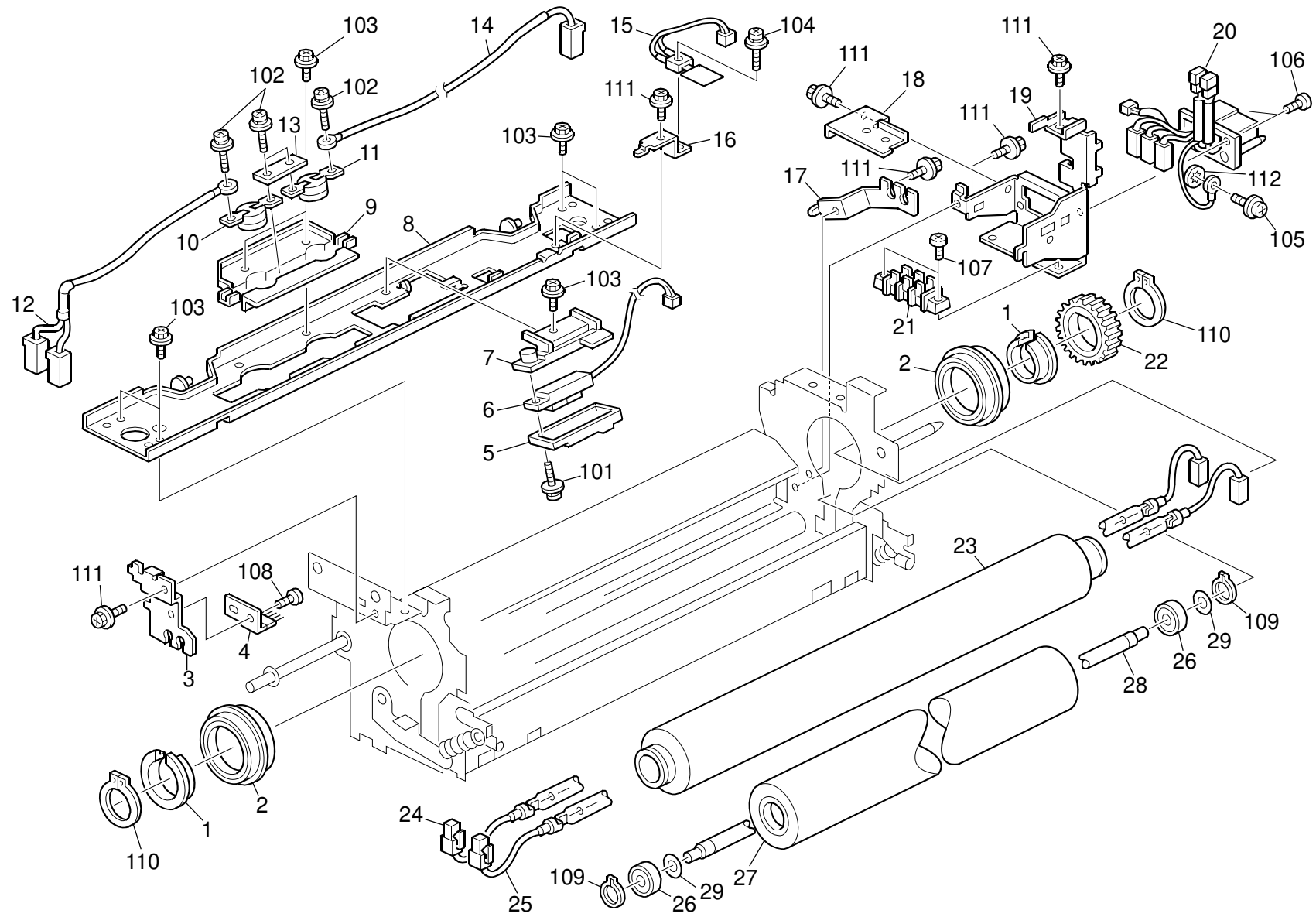


28.FUSING UNIT 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G148 4016	Fusing Unit:NA:Ass'Y	1
1	G148 4029	Fusing Unit:EU:Ass'Y	1
2	B065 4133	Lower Fusing Entrance Plate - 120V	1
2	B065 4135	Lower Fusing Entrance Plate - 240V	1
3	B065 4116	Lower Fusing Cover	1
4	B065 4390	Fusing Exitguide Plate	1
5	B140 4174	Grip:Fusing Unit:Front:Ass'y	1
6	B065 4138	Side Plate Cover	1
7	B110 4117	Upper Fusing Cover	1
8	AA06 0894	Spring	1
9	B065 4185	Exit Plate	1
10	AA14 3810	Development Cover Screw	1
11	B065 4398	Slider Cover	1
12	AA06 0539	Stripper Pawl Spring	2
13	AA06 0916	Slider Spring	1
14	B247 4247	Screw:Slider	2
15	B065 4397	Release Slider	1
16	B065 4188	Front Lock Pawl	1
17	B065 4184	Stripper Pawls Grip	1
18	AA08 0274	Bushing	2
19	G148 4080	Stripper Pawls:Open And Close:Ass'Y	1
20	AA06 6352	Spring	1
21	B065 4189	Rear Lock Pawl	1
22	B247 4083	Shaft:Release:Stripper Pawls	1
23	A096 4319	Exit Roller Holder	2
24	AF04 0561	Fusing Exit Roller - Upper	2
25	AA06 0914	Stripper Pawls Spring	10
26	AA14 9746	Stripper Shaft	5
27	AE04 4043	Hot Roller Stripper	5

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 4006N	Screw - M4X6	
102	0720 0030E	Retaining Ring - M3	

29.FUSING UNIT 3 (G148)

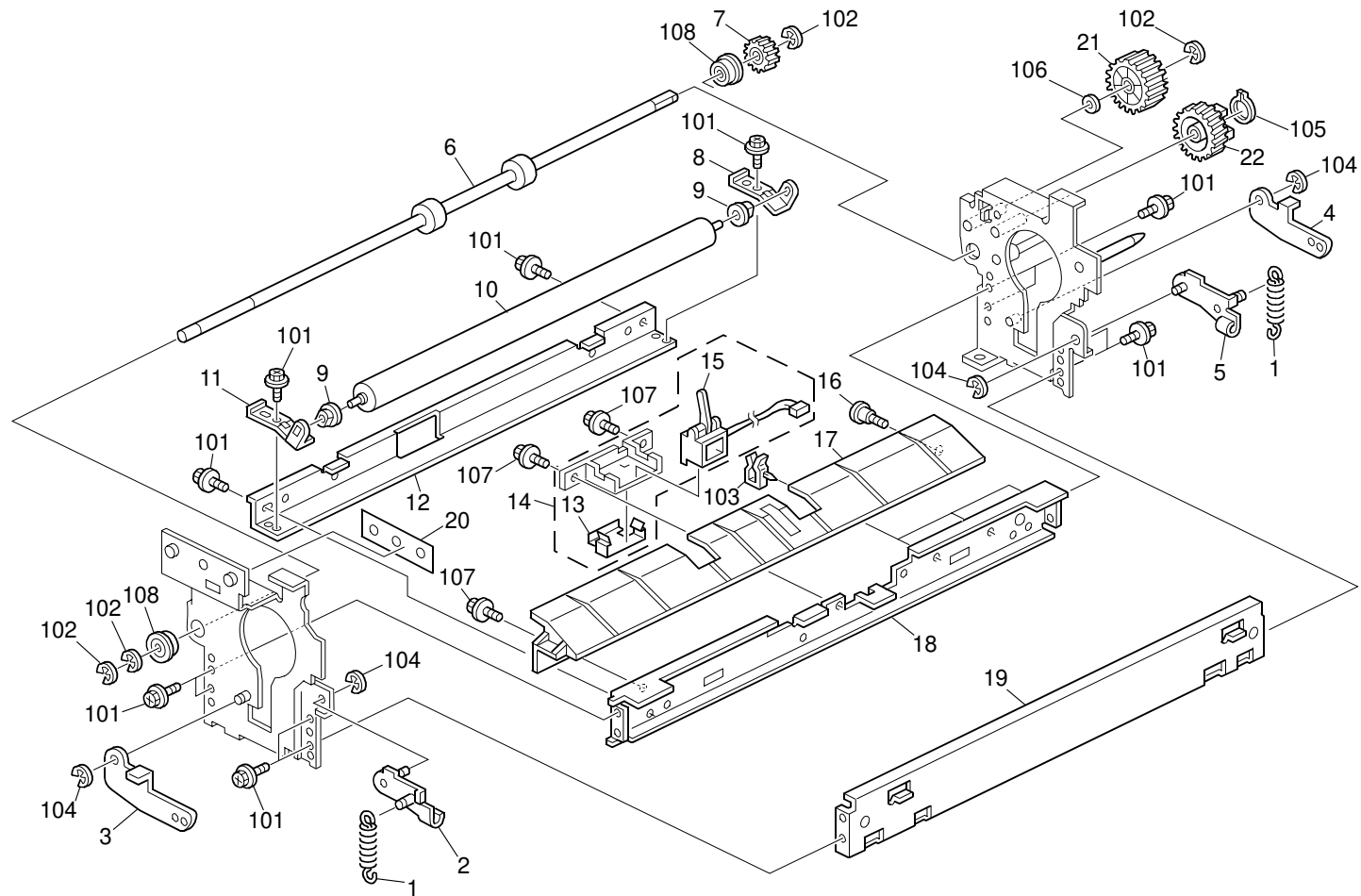


29.FUSING UNIT 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AE03 2014	Bushing - 30x35x13.5	2
2	AE03 0017	Ball Bearing - 35x50x10	2
3	B065 4124	Front Heater Holder	1
4	A413 1670	Antistatic Brush	1
5	B065 4132	Middle Thermistor Cover	1
6	AW10 0084	Middle Thermistor	1
7	B065 4130	Thermostat Housing - Middle	1
8	G148 4142	Stay:Fusing:Upper:Ass'y	1
9	B065 4127	Thermostat Housing	1
10	AW11 0026	Thermostat - 180C	1
11	AW11 0027	Thermostat - 179C	1
12	B065 4150	Front Harness	1
13	B065 4121	Thermostat Terminal	1
14	B065 4151	Rear Harness	1
15	AW10 0076	Thermistor:Inner Back	1
16	B065 4131	Rear Thermistor Bracket	1
17	B065 4170	Rear Heater Holder	1
18	B065 4159	Harness Holder	1
19	B065 4157	Connector Bracket	1
20	B065 4155	Fusing Harness (120V)	1
20	B065 4156	Fusing Harness (230V)	1
21	A247 4249	Connector - 3P	1
22	AB01 2316	Fusing Gear	1
23	AE01 1087	Hot Roller	1
24	AX44 0163	Fusing Lamp - 120V 550W	1
25	AX44 0164	Fusing Lamp - 230V 550W	1
26	AE03 0018	Ball Bearing - 12x28x8	2
27	AE02 0112	Pressure Roller	1
28	AA14 0823	Pressure Roller Shaft	1
29	B065 4180	Spacer - 16mm	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0954 3012N	Screw - M3X12	
102	0954 3006N	Screw - M3X6	
103	0954 4006N	Screw:Polished Round/spring:M4X6	
104	0954 3010N	Screw:Polished Round/spring:M3X10	
105	0951 3005N	Screw:Polished Round:M3X5	
106	0313 0080N	Pan Head Screw:M3x8	
107	0314 0120N	Screw - M4X12	
108	0313 0050N	Philips Pan Head Screw - M3x5	
109	0725 0120E	Retaining Ring C - M12	
110	0725 0300E	Retaining Ring C - M30	
111	0360 4006N	Screw - M4X6	
112	0704 0040Z	Washer - M4	

30.FUSING UNIT 4 (G148)

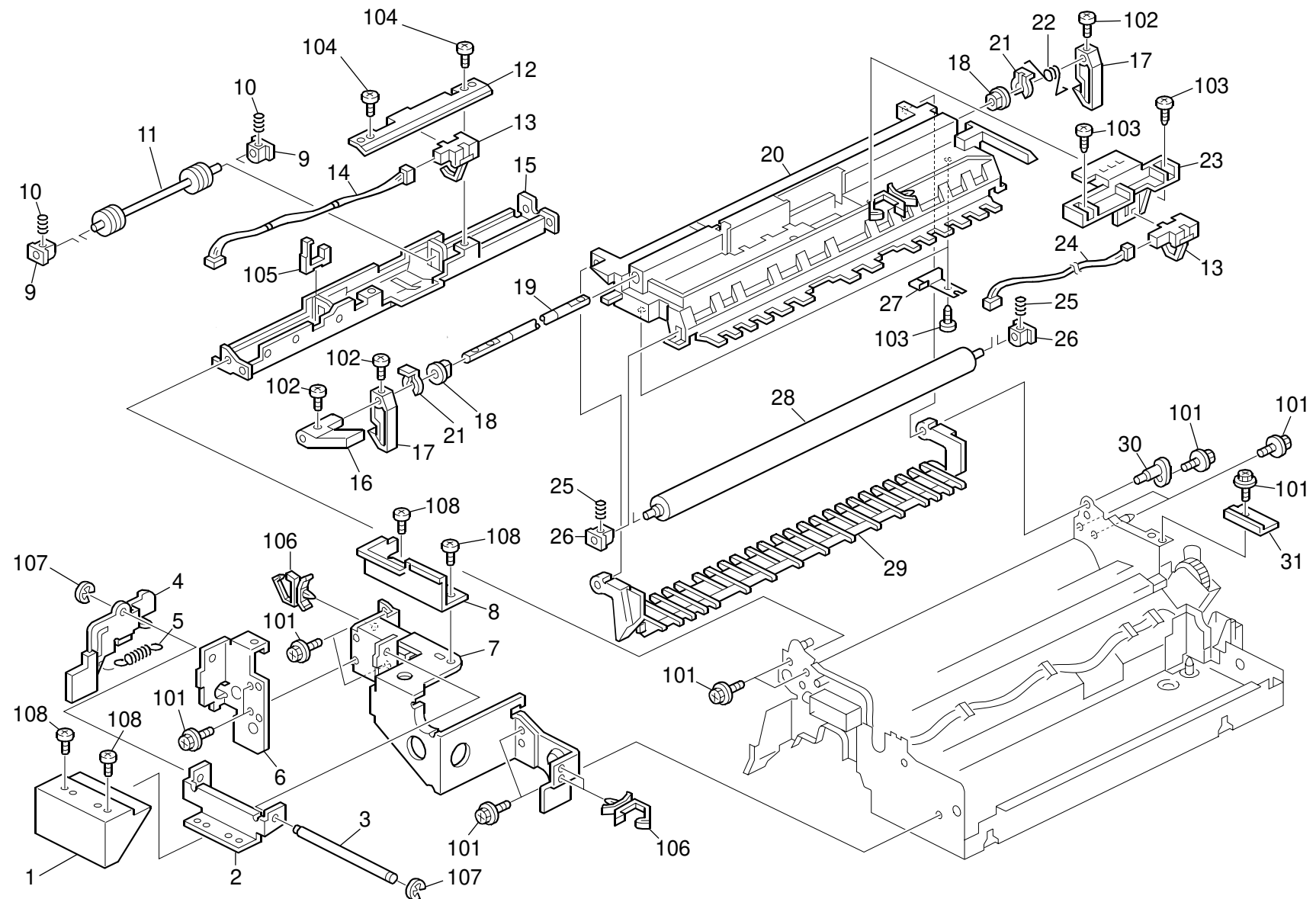


30.FUSING UNIT 4 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0893	Spring	2
2	B247 4131	Lever:Release:Front:Ass'y	1
3	B065 4177	Front Pressure Lever	1
4	B065 4178	Rear Pressure Lever	1
5	B247 4147	Lever:Release:Pressure:Rear:Ass'y	1
6	AF04 0055	Fusing Exit Roller	1
7	AB01 2319	Exit Gear	1
8	B065 4164	Right Support Bracket	1
9	AE03 1024	Bushing - M4x7	2
10	AE04 2052	Cleaning Roller	1
11	B065 4161	Left Support Bracket	1
12	B065 4160	Cleaning Roller Guide Plate	1
13	B065 4141	Spring Plate - Switch	1
14	B065 4139	Switch Holder	1
15	AW20 0010	Paper Feed Sensor	1
16	AA14 3810	Development Cover Screw	1
17	B065 4140	Lower Guide Plate - Exit	1
18	B065 4114	Left Stay	1
19	B065 4112	Right Stay	1
20	B065 4129	Sheet:Fiber:Side Plate	1
21	AB01 2318	Idler Gear	1
22	AB01 2317	Fusing Drive Gear	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 4006N	Screw - M4X6	
102	0720 0060E	Retaining Ring - M6	
103	1105 0283	Clamp	
104	0720 0040E	Retaining Ring - M4	
105	0727 0080G	Retaining Ring - M8	
106	0807 5056	Washer - 8.1mm	
107	0954 4008N	Screw - M4X8	
108	0742 3808	Ball Bearing - 8x16x5	

31.PAPER EXIT SECTION 1 (G148)

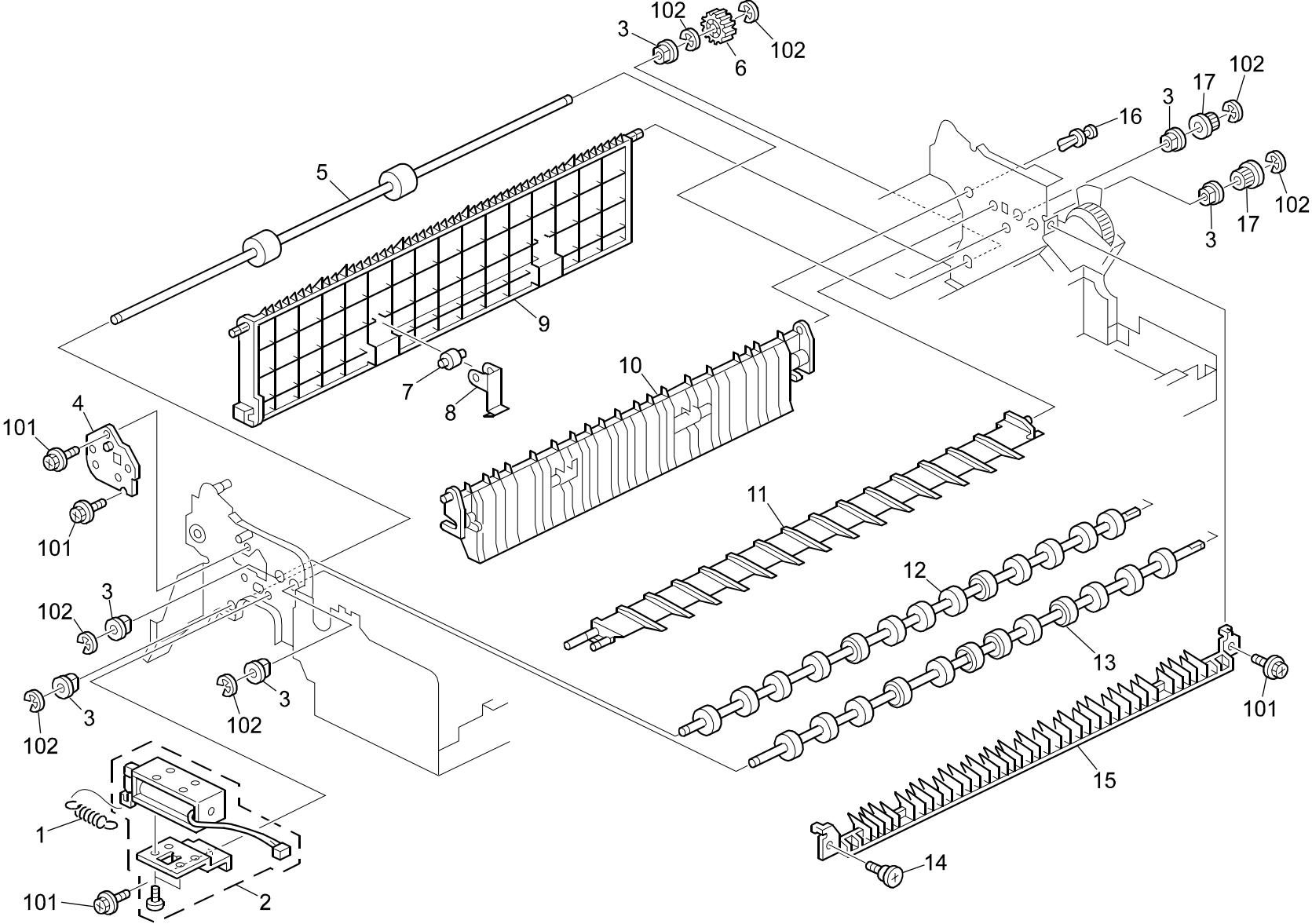


31.PAPER EXIT SECTION 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 4258	Grip - Fusing/paper Exit Unit	1
2	B065 4262	Lock Lever Bracket	1
3	B247 4260	Shaft:Contact Point:Lever	1
4	B247 4259	Lock Lever	1
5	AA06 0903	Spring	1
6	B065 4266	Lever Contact Bracket	1
7	B065 4470	Support Bracket	1
8	B247 4273	Cover - Exit Grip	1
9	AA08 0034	Bushing - 4x5x7	2
10	B247 4455	Compression Spring	2
11	AF02 2126	Exit Roller - Driven	1
12	B065 4358	Paper Feed Sensor Bracket	1
13	AW02 0183	Photointerruptor:Exit	2
14	B065 4496	Relay Harness -exit	1
15	B140 4354	Upper Exhaust Guide Plate	1
16	B065 4363	Upper Grip	1
17	B065 4359	Grip Supporter	2
18	AA08 0184	Bushing - Fusing Exit	2
19	B247 4361	Shaft:Grip:Guide Plate	1
20	B065 4373	Upper Exit Guide Plate	1
21	5447 2681	Snap Ring	1
22	AA06 6592	Spring	1
23	B065 4374	Exit Entrance Sensor Bracket	1
24	B065 4495	Relay Harness - Guide Plate	1
25	AA06 3879	Spring	2
26	AA08 0240	Bushing - Mm5	2
27	B065 4360	Spring Plate	2
28	B247 4378	Roller:Decura:Driven:Ass'y	1
29	B065 4453	Middle Exit Guide Plate	1
30	B247 4381	Shaft:Contact Point:Ass'Y	1
31	B065 4154	Rear Fusing Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0353 0060N	Bind Screw - M3x6	
103	0452 3008N	Tapping Screw - M3x8	
104	0453 3006N	Tapping Screw - M3x6	
105	1105 0522	Edge Saddle - Les0510	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	0720 0040E	Retaining Ring - M4	
108	0353 0080N	Screw:M3X8	

32.PAPER EXIT SECTION 2 (G148)

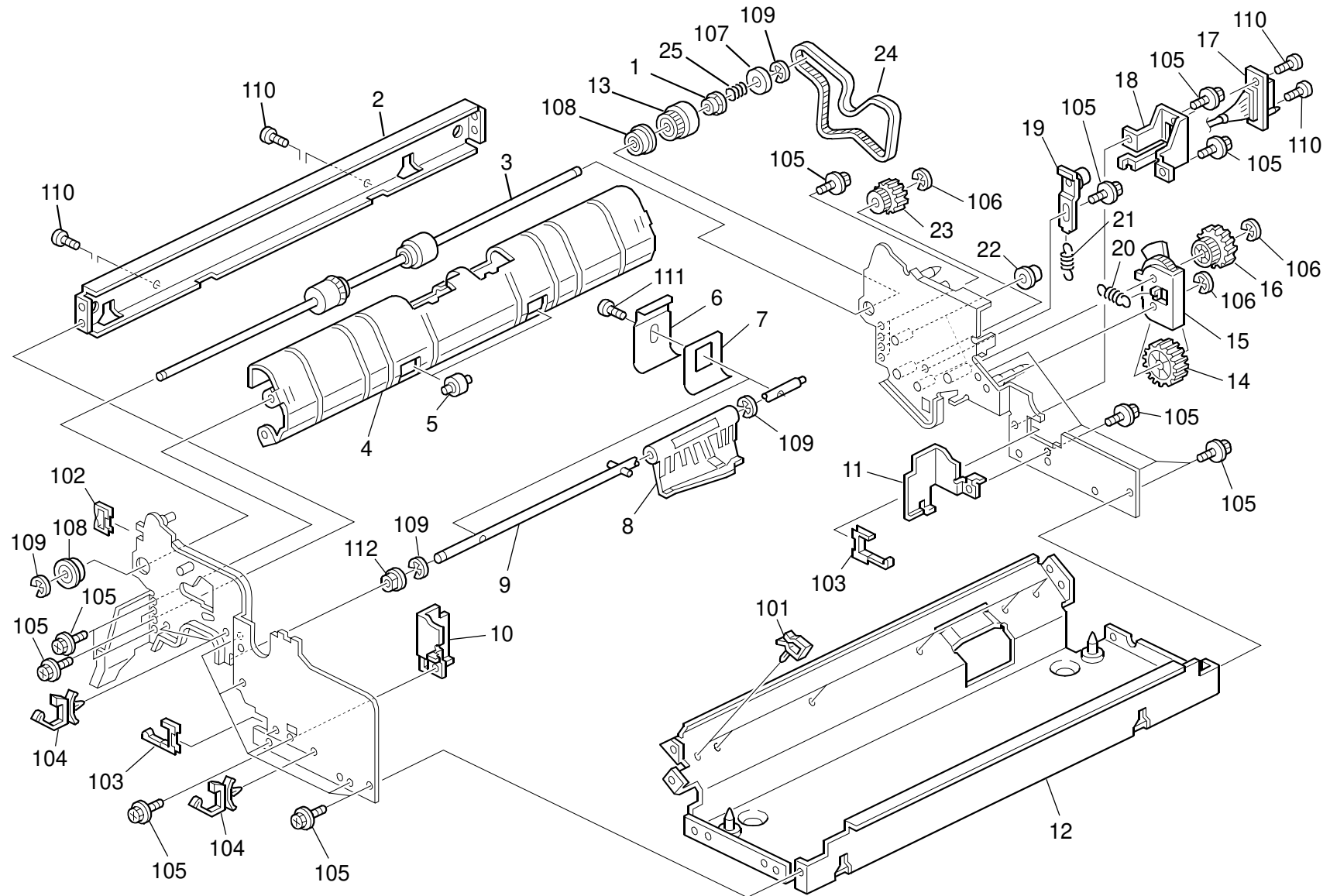


32.PAPER EXIT SECTION 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0902	Spring	1
2	B247 4415	DC Solenoid 24V	1
3	AA08 2117	Bushing - M6	6
4	B065 4441	Exit Drum Stay	1
5	B247 4463	Reverse Roller:Drive	1
6	AB01 2028	Gear - 19Z	1
7	AA04 0056	Driven Roller	2
8	A229 4482	Exit Roller Holder	2
9	A229 4479	Reverse Guide Plate - Right	1
10	A229 4477	Reverse Guide Plate	1
11	B065 4413	Exit Gate Pawl	1
12	AF02 0579	Exitdecura Roller	1
13	AF02 0578	Entrancedecura Roller	1
14	AA14 3807	Screw:A	1
15	B065 4254	Lower Entrance Guide Plate	1
16	A048 2838	Nylon Rivet	1
17	AB03 0578	Timing Pulley - 18Z	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0720 0040E	Retaining Ring - M4	

33.PAPER EXIT SECTION 3 (G148)

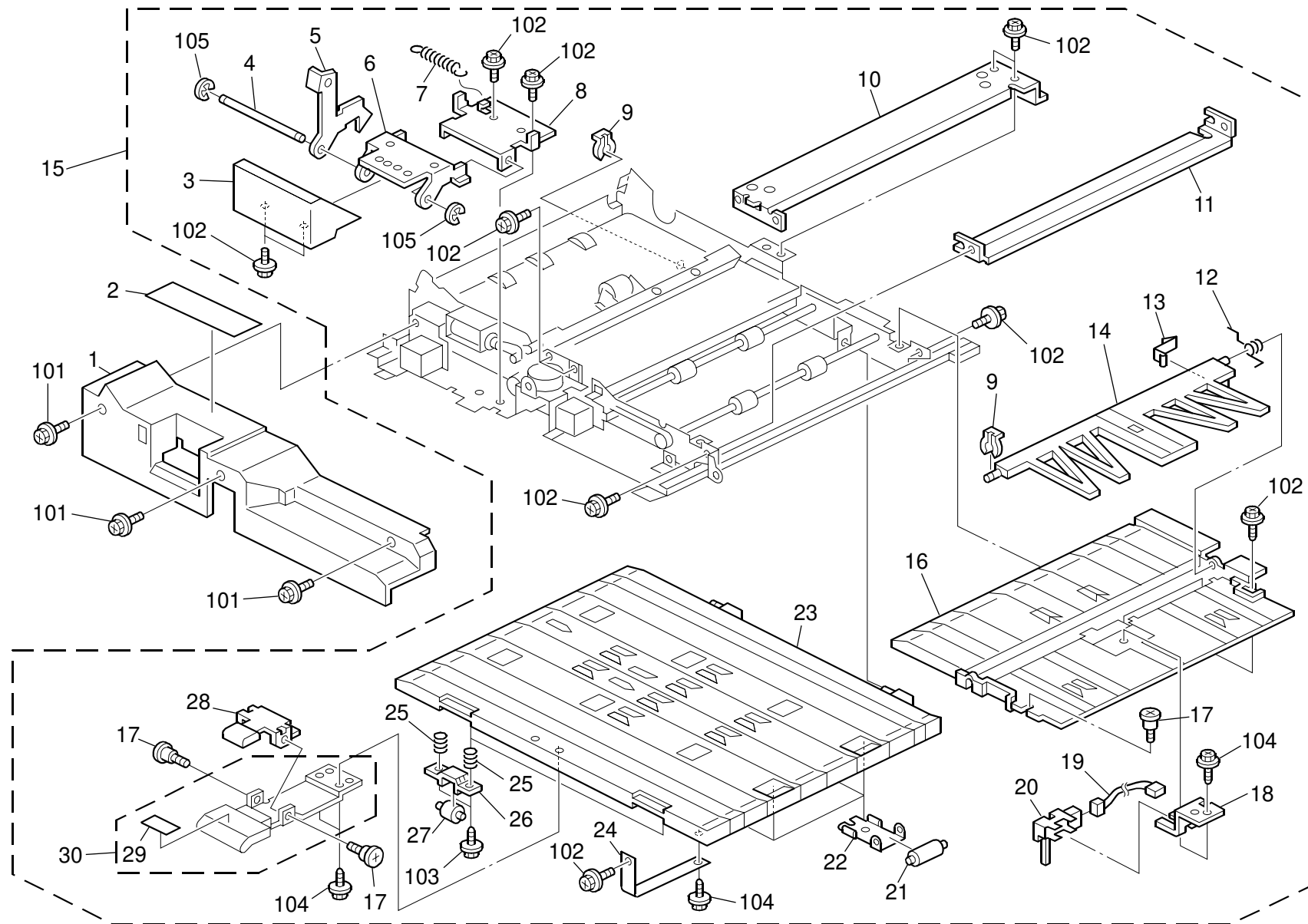


33.PAPER EXIT SECTION 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A470 1703	Shift Clutch	1
2	B065 4252	Left Exit Tray	1
3	B247 4460	Exit Roller:Drive:Exit	1
4	B140 4308	Eft Reverse Guide Plate Ass'y	1
5	AA04 0056	Driven Roller	2
6	A229 4467	Pressure Arm	2
7	B065 4424	Exit Arm Pad	2
8	B065 4422	Guide Plate Lever	1
9	B247 4421	Shaft:Pressure:Guide Plate:Ass'y	1
10	B065 4460	Bracket:Harness:Plate:Front	1
11	B065 4459	Rear Harness Bracket	1
12	B065 4249	Stay:Exit:Right:Ass'Y	1
13	AB03 0579	Timing Pulley - 27Z	1
14	AB01 2031	Gear	1
15	B247 4400	Bracket:Swivel:Ass'y	1
16	AB01 9197	Exit Gear	1
17	B065 4497	Exit Harness	1
18	B065 4458	Exit Drawer Bracket	1
19	B247 4315	Tightener:Exit:Ass'y	1
20	B247 4403	Lock Spring	1
21	B247 4454	Tension Spring	1
22	B065 4317	Idle Pulley - 11mm	2
23	AB01 9200	Gear	1
24	AA04 3290	Timing Belt	1
25	B247 4456	Spring - Lower Exit Roller	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0290	Harness Clamp - Horizontal	
102	1105 0328	Harness Clamp - ES-0505	
103	1105 0518	Edge Saddle - Les-1010	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	0451 4008N	Tapping Screw:4x8	
106	0720 0060E	Retaining Ring - M6	
107	0807 4146	Flat Washer - 6.3x18x1	
108	0742 3906	Ball Bearing - 6x14x5mm	
109	0720 0040E	Retaining Ring - M4	
110	0453 3008N	Binding Self Tapping Screw:3x8	
111	0353 0060N	Bind Screw - M3x6	
112	0805 3480	Bushing - 6mm	

34.DUPLEX UNIT 1 (G148)

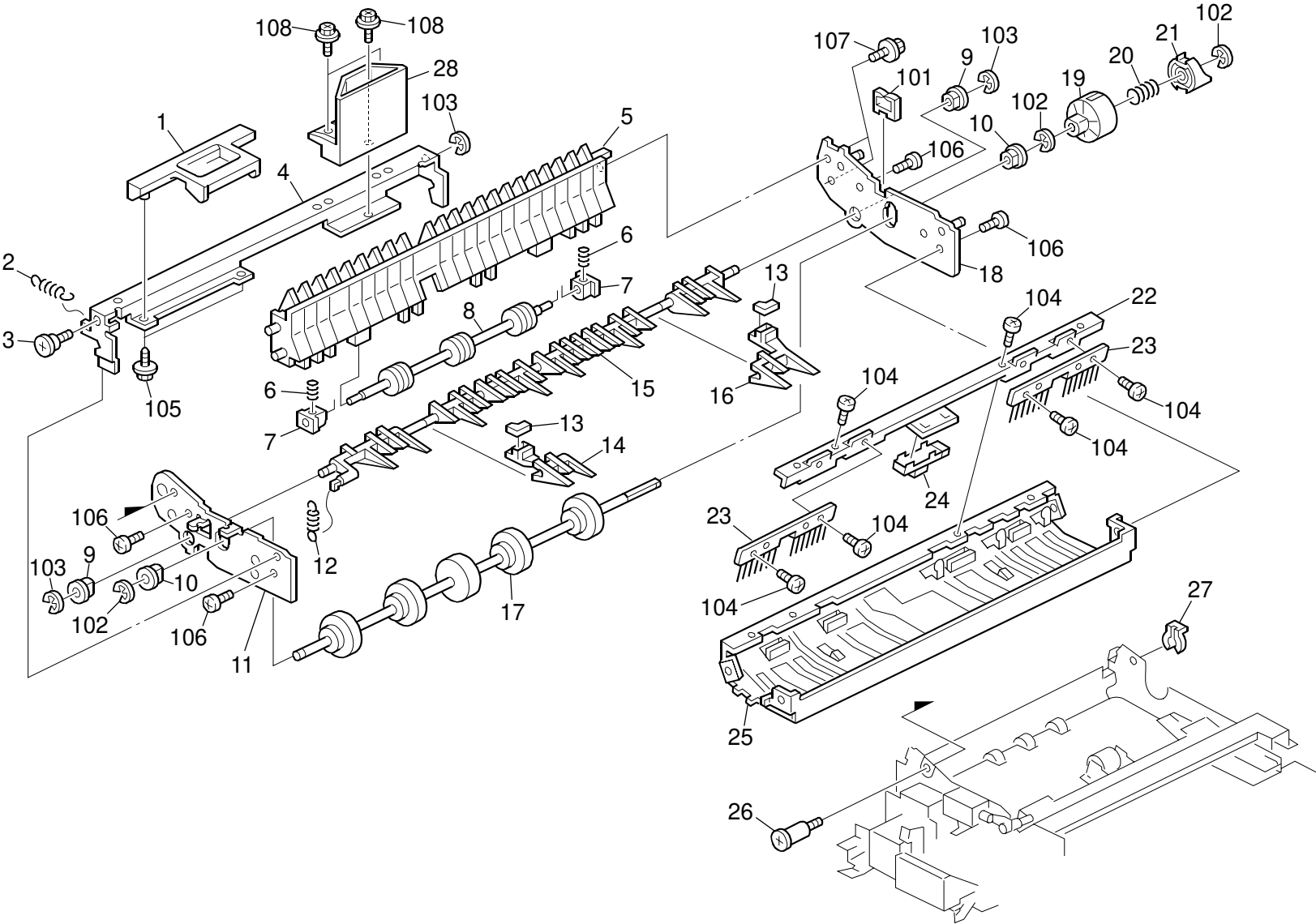


34.DUPLEX UNIT 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 4799	Inner Cover	1
2	B065 4797	Caution Decal - Duplex	1
3	B247 4674	Release Grip	1
4	B247 4673	Shaft:Lever:Release	1
5	B065 4671	Duplex Lock Arm	1
6	B065 4675	Duplex Release Bracket	1
7	AA06 2320	Spring	1
8	B065 4672	Release Lever Bracket	1
9	5447 2681	Snap Ring	2
10	B065 4987	Upper Duplex Stay	1
11	B140 4800	Exit Duplex Guide Plate	1
12	AA06 6353	Spring	1
13	B065 4728	Spring Plate - Right Table Guide	1
14	B065 4726	Right Guide Table	1
15	B247 4500	Duplex Unit	1
16	B065 4725	Right Duplex Bracket	1
17	AA14 3811	Stepped Screw - M3x4	3
18	B065 4727	Right Sensor Bracket	1
19	B247 4590	Harness - Duplex	1
20	AW02 0149	Paper Feed Sensor	1
21	AF02 2077	Driven Roller	8
22	B065 4731	Spring Plate - Driven Roller	8
23	B065 4730	Lower Transport Guide Plate	1
24	A096 4928	Guide Plate Band	1
25	AA06 3581	Compression Spring	4
26	A229 4727	Guide Plate Pressure Holder	2
27	AF02 2067	Guide Stopper Roller	2
28	B065 4933	Guide Plate Lever Hook	1
29	B065 4867	Decal - Guide Plate Lever	1
30	B065 4531	Guide Plate Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4006N	Tapping Screw - 4x6	
103	0450 3008N	Tapping Screw - M3x8	
104	0450 4008N	Tapping Screw - M4x8	
105	0720 0040E	Retaining Ring - M4	

35.DUPLEX UNIT 2 (G148)

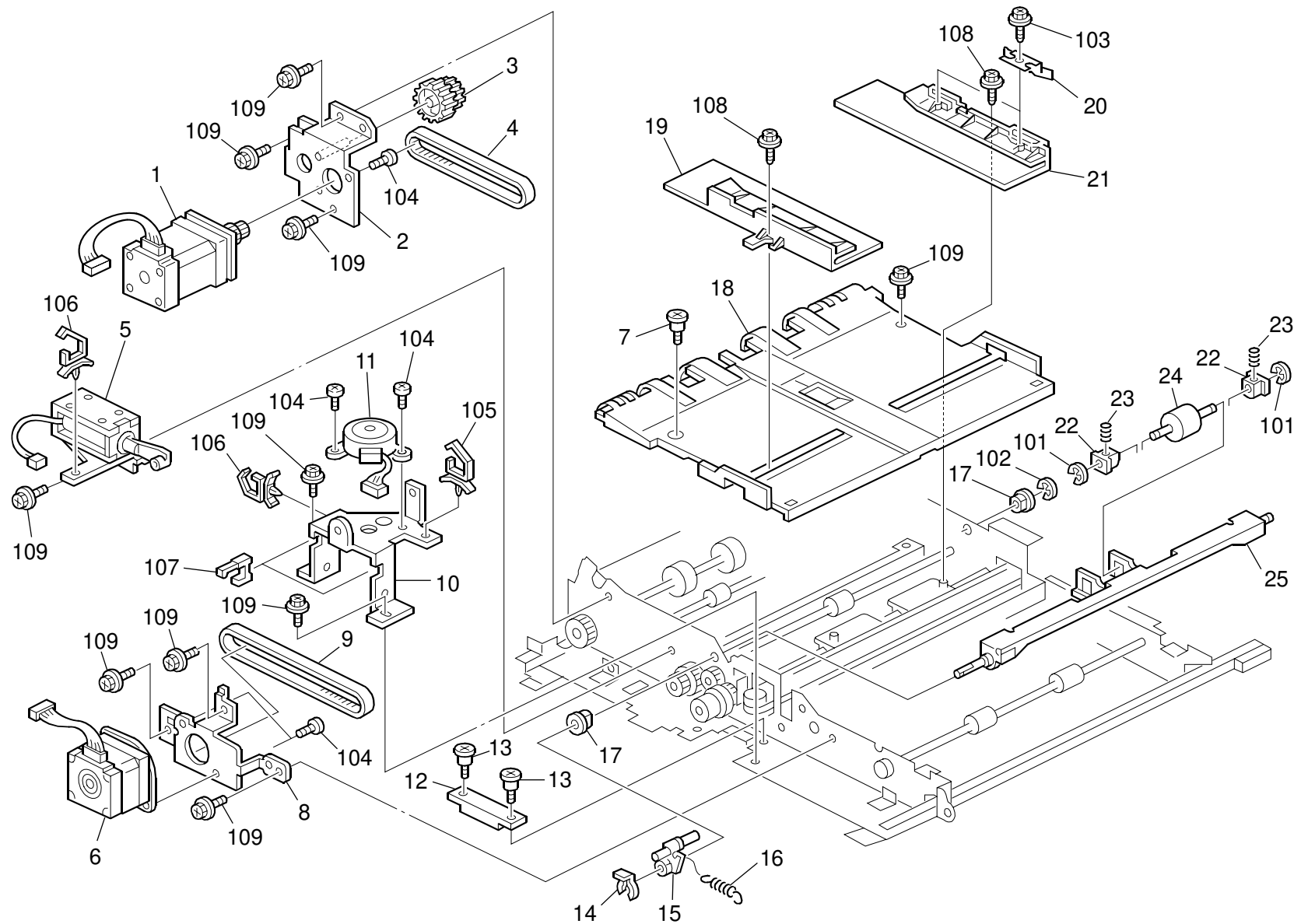


35.DUPLEX UNIT 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4866	Reverse Knob	1
2	AA06 2318	Spring	1
3	AA14 3129	Shoulder Screw - Front Cover	1
4	B065 4647	Invertor Lever	1
5	A229 4623	Lower Entrance Guide Plate	1
6	B247 4817	Compression Spring	2
7	AA08 0034	Bushing - 4x5x7	2
8	B247 4624	Roller:Driven:Duplex	1
9	AA08 2118	Bushing - M6	2
10	AA08 2116	Bushing - M8	2
11	B065 4627	Front Side Plate	1
12	B247 4816	Tension Spring	1
13	B247 4615	Spacer	2
14	A293 4613	Front Gate Pawl	1
15	B247 4645	Gate Pawl:Reverse	1
16	A293 4614	Rear Gate Pawl	1
17	B247 4818	Reverse Roller:Entrance	1
18	B247 4620	Side Plate:Rear:Reverse Unit:Ass'y	1
19	B065 4632	Joint Holder	1
20	B247 4815	Compression Spring	1
21	A229 4740	Drive Joint	1
22	B065 4644	Sensor Bracket	1
23	A229 4617	Duplex Discharge Brush	2
24	AW01 0119	Paper Feed Sensor	1
25	B140 4640	Upper Entrance Guide Plate Ass'y	1
26	AA14 3426	Stopped Screw - M4x17	1
27	5447 2681	Snap Ring	1
28	B065 4648	Lever Cam	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0328	Harness Clamp - ES-0505	
102	0720 0060E	Retaining Ring - M6	
103	0720 0040E	Retaining Ring - M4	
104	0353 0050N	Screw-m3x5	
105	0450 3008N	Tapping Screw - M3x8	
106	0354 0060N	Screw-m4x6	
107	0451 4008N	Tapping Screw:4x8	
108	0451 4006N	Tapping Screw - 4x6	

36.DUPLEX UNIT 3 (G148)

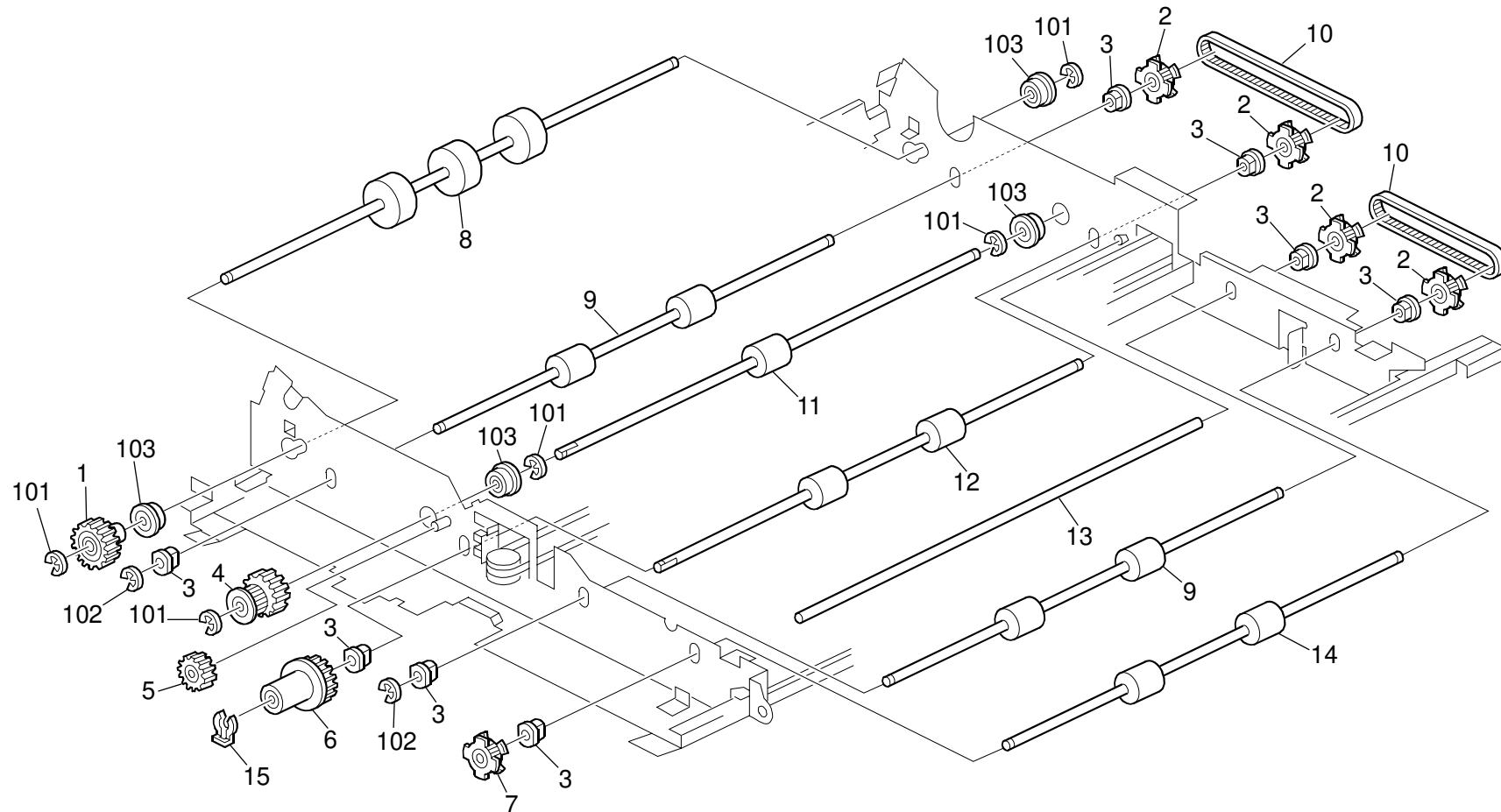


36.DUPLEX UNIT 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B132 4780	Stepper Motor:Reverse:Ass'y	1
2	B247 4810	Bracket:Motor:Reverse:Ass'y	1
3	AB01 7616	Gear	1
4	AA04 3291	Timing Belt	1
5	B247 4745	DC Solenoid 24V	1
6	B247 4785	Stepper Motor:DC5.12V 3.1W	1
7	AA14 3811	Stepped Screw - M3x4	1
8	B065 4789	Transport Motor Bracket	1
9	AA04 3292	Timing Belt	1
10	B065 4696	Jogger Motor Bracket	1
11	B247 4650	Stepper Motor:DC24V 7.2W	1
12	AA02 1034	Magnetic	1
13	AA14 3183	Stepped Screw	2
14	5447 2681	Snap Ring	1
15	A294 4754	Roller Lever	1
16	AA06 0806	Spring	1
17	AA08 2118	Bushing - M6	2
18	B065 4720	Left Duplex Table	1
19	B065 4681	Front Jogger Fence	1
20	B065 4683	Spring Plate - Rear Jogger Fence	2
21	B065 4682	Rear Jogger Fence	1
22	AA08 0034	Bushing - 4x5x7	2
23	AA06 3655	Spring	2
24	B247 4594	Roller:Reversal:Driven	1
25	B247 4655	Bracket:Reversal:Driven:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0030E	Retaining Ring - M3	
102	0720 0040E	Retaining Ring - M4	
103	0450 3006N	Tapping Screw - M3x6	
104	0353 0050N	Screw-m3x5	
105	1105 0508	Harness Clamp - LWS-0711	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1105 0522	Edge Saddle - Les0510	
108	0450 3008N	Tapping Screw - M3x8	
109	0451 4006N	Tapping Screw - 4x6	

37.DUPLEX UNIT 4 (G148)

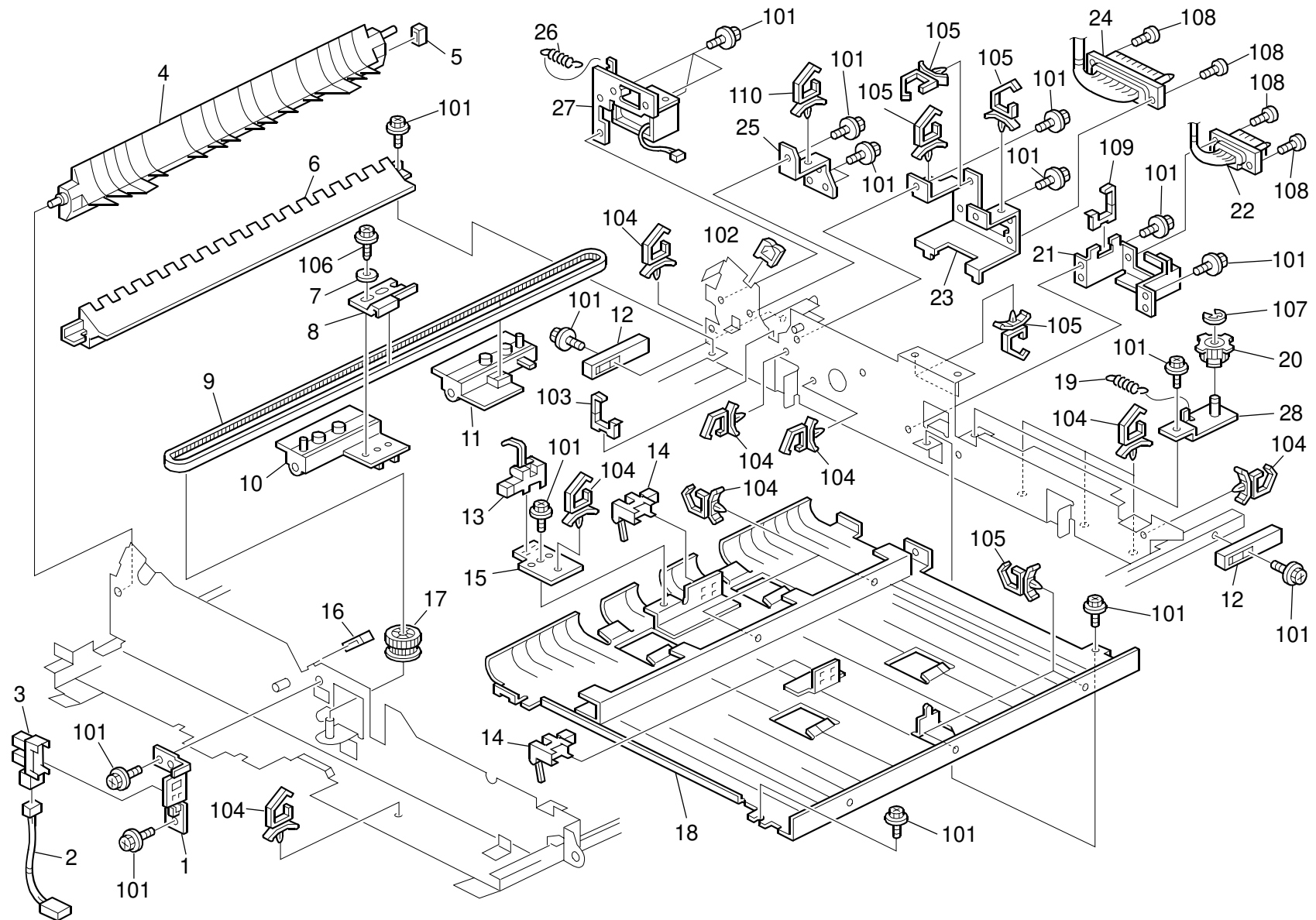


37.DUPLEX UNIT 4 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AB01 1464	Turn Gear	1
2	AB03 0583	Timing Pulley - 24Z	4
3	AA08 2118	Bushing - M6	8
4	AB01 7614	Pulley	1
5	AB01 1463	Connecting Gear	1
6	AB01 1496	Gear - 32Z	1
7	AB03 0731	Pulley - 29Z	1
8	AF02 1075	Duplex Turn Roller	1
9	B247 4812	Roller:Transport:Driven:Left:Right	2
10	AA04 3293	Timing Belt - 40S2M268G	2
11	B247 4813	Roller:Reversal:Drive	1
12	B247 4825	Roller:Drive:Left	1
13	B065 4694	Jogger Guide Rod	1
14	AF02 1079	Right Drive Roller	1
15	5447 2681	Snap Ring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0720 0040E	Retaining Ring - M4	
103	0742 3808	Ball Bearing - 8x16x5	

38.DUPLEX UNIT 5 (G148)

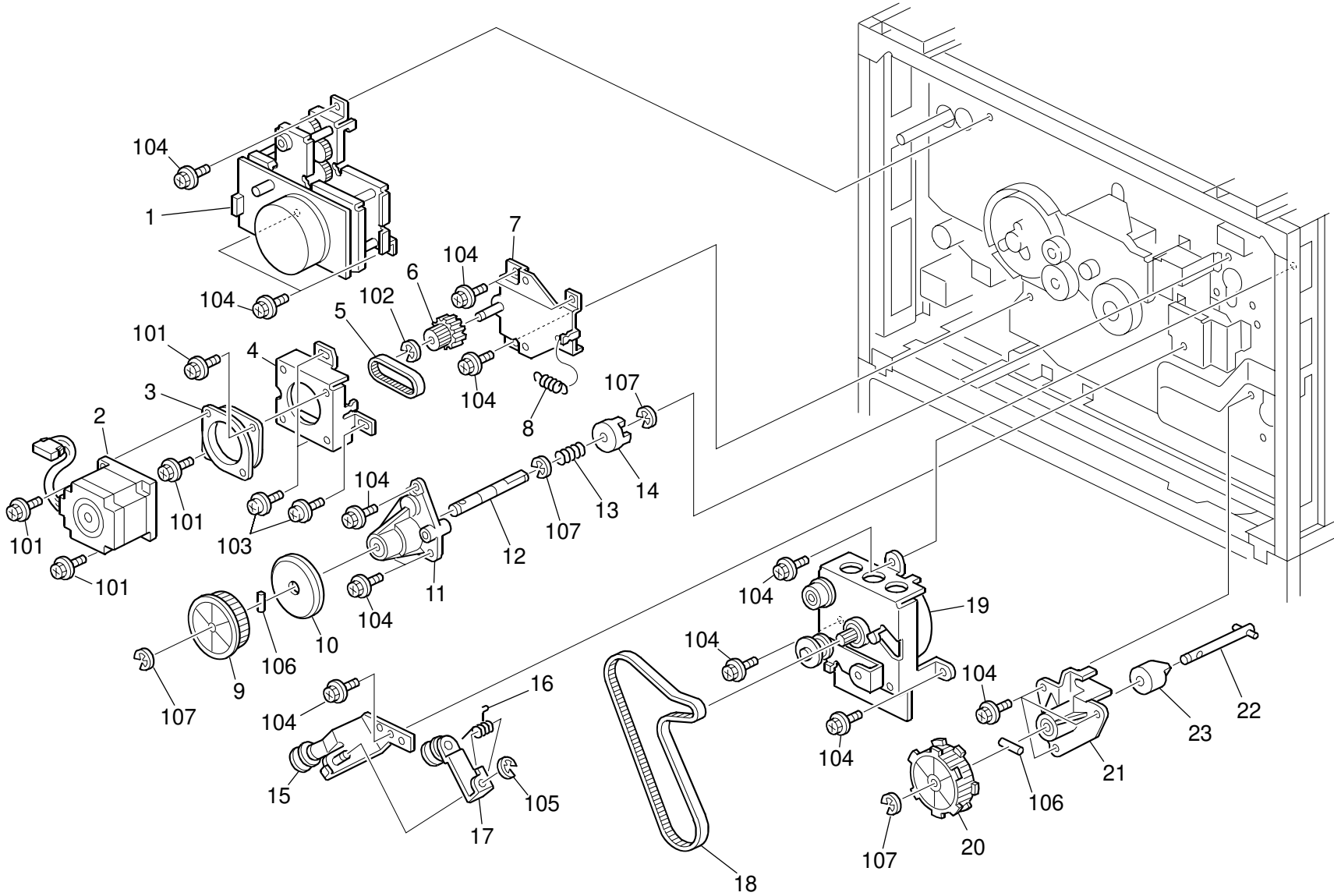


38.DUPLEX UNIT 5 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4699	Jogger H.P. Sensor Bracket	1
2	B065 2762	Relay Paper Feed Harness	1
3	AW02 0145	Photointerruptor:Flat	1
4	B065 4733	Duplex Gate Pawl	1
5	B065 4738	Gate Pawl Cushion	1
6	B065 4860	Lower Duplex Bracket	1
7	B065 4865	Spacer	1
8	A294 4723	Belt Holder Fixing Plate	1
9	AA04 3294	Timing Belt - 40S2M810G	1
10	B065 4692	Front Jogger Fence Slider	1
11	B065 4693	Rear Jogger Fence Slider	1
12	A096 4595	Duplex Guide	2
13	AW02 0148	Paper Feed Sensor	1
14	AW02 0149	Paper Feed Sensor	2
15	B065 4715	Exit Reverse Sensor Bracket	1
16	A294 4669	Cushion	1
17	AB01 7615	Gear - 30Z/45Z	1
18	B140 4710	Upper Transport Guide Plate Ass'y	1
19	AA06 2318	Spring	1
20	AB03 0732	Jogger Pulley	1
21	B065 4791	Drawer Bracket - 12p	1
22	B065 4981	Duplex Harness - 12p	1
23	B065 4790	Drawer Bracket - 32p	1
24	B065 4980	Duplex Harness - 32p	1
25	B065 4619	Support Bracket	1
26	AA06 2319	Spring	1
27	B247 4740	DC Solenoid 24V	1
28	B247 4820	Bracket:Jogger:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - 4x6	
102	1105 0328	Harness Clamp - ES-0505	
103	1105 0522	Edge Saddle - Les0510	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0508	Harness Clamp - LWS-0711	
106	0451 4008N	Tapping Screw:4x8	
107	0720 0040E	Retaining Ring - M4	
108	0453 3008N	Binding Self Tapping Screw:3x8	
109	1105 0518	Edge Saddle - Les-1010	
110	1105 0516	Clamp	

39.DRIVE SECTION 1 (G148)

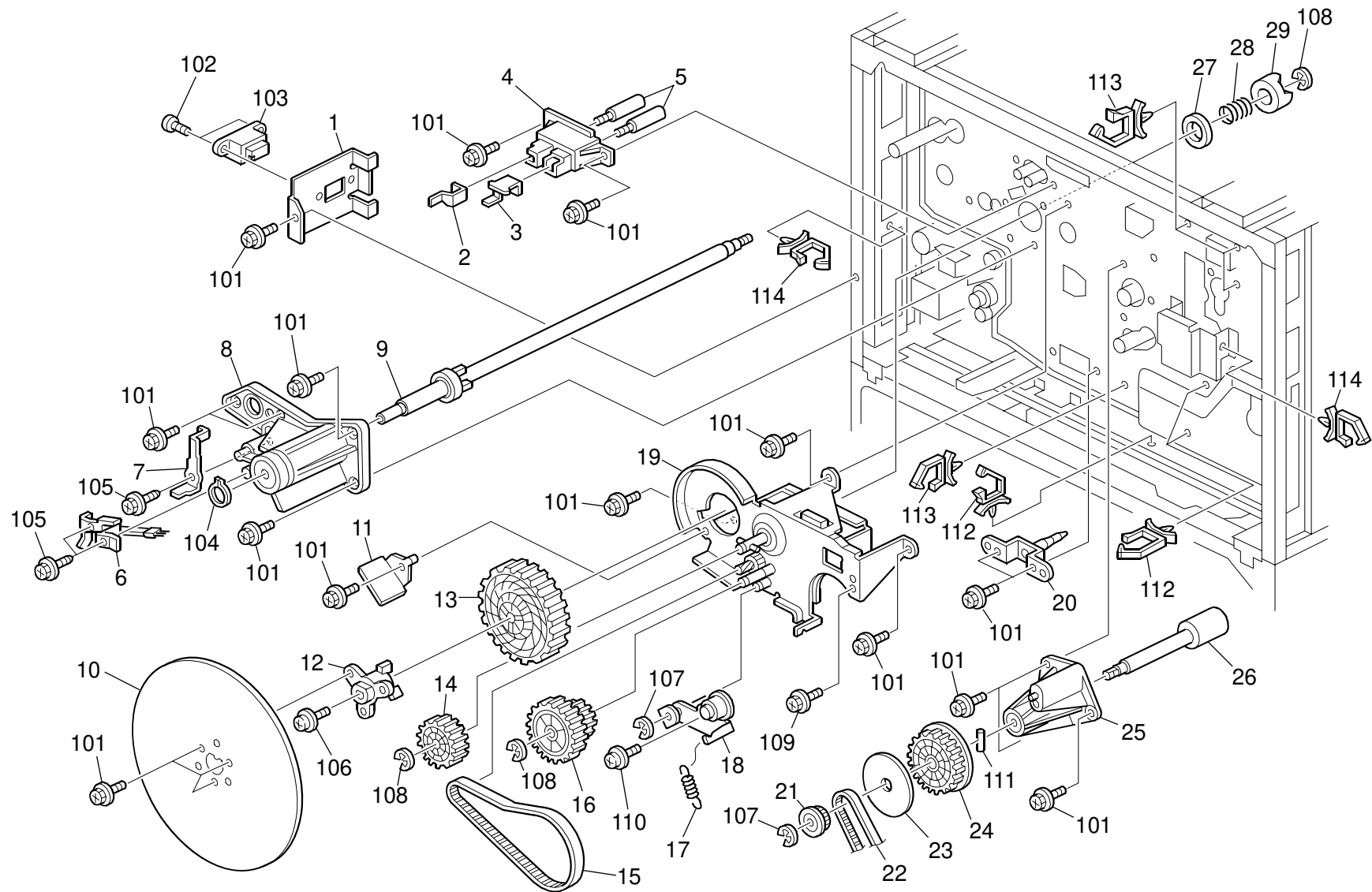


39.DRIVE SECTION 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B140 5325	Brushless Motor DC24V/20.7W	1
2	AX06 0151	Stepper Motor	1
3	AA16 1122	Motor Cushion	1
4	B140 1132	Stepper Motor Bracket	1
5	AA04 3269	Timing Belt - S2M114	1
6	AB01 7449	Gear - 21Z/24T	1
7	B247 1133	Base:Stepper Motor:Ass'y	1
8	B247 1027	Tension Spring:7.75n	1
9	AB03 0427	Pulley - 81Z	1
10	A229 1135	Ring - 55	1
11	B065 1168	Fusing Drive Bracket	1
12	B247 1136	Shaft:Fusing Drive Sub-unit	1
13	AA06 3490	Spring - 21.6mm	1
14	B140 1173	Fusing Drive Sub-unit Joint	1
15	G148 1157	Bracket:Toner Recycling	1
16	AA06 6651	Spring	1
17	B065 1160	Toner Recycling Tightener	1
18	AA04 3946	Timing Belt	1
19	B247 1024	Brushless Motor DC24V/24W	1
20	AB03 0725	Pulley - 89Z	1
21	A293 1155	Duplex Drive Bracket	1
22	B247 1166	Shaft:Drive:Duplex:Ass'y	1
23	B065 1167	Duplex Drive Joint	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4010N	Tapping Screw:4x10	
102	0720 0060E	Retaining Ring - M6	
103	0951 4008N	Screw:Polished Round:M4X8	
104	0451 4008N	Tapping Screw:4x8	
105	0720 0040E	Retaining Ring - M4	
106	0623 0140E	Spring Pin - 3x14mm	
107	0720 0060E	Retaining Ring - M6	

40.DRIVE SECTION 2 (G148)

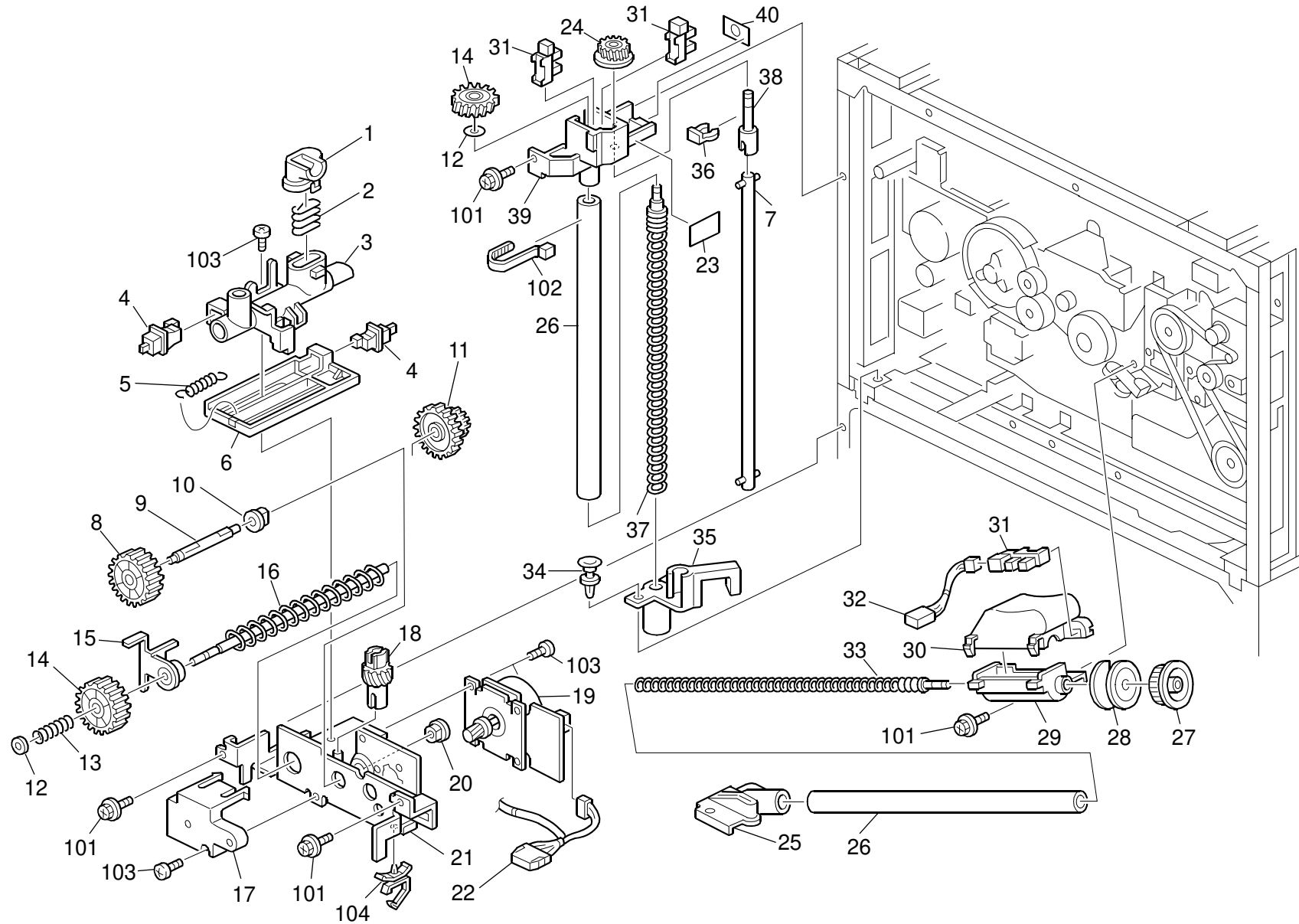


40.DRIVE SECTION 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 5808	LCT Cable Bracket	1
2	B065 2481	Grid Receptacle Terminal	1
3	B065 2482	Charge Receptacle Terminal	1
4	A294 2051	Rear Receptacle	1
5	A294 2052	Receptacle Pin	2
6	B247 1154	Electrode Plate:Drum Shaft:Ass'y	1
7	B065 3262	Electrode Plate	1
8	B065 1137	Bracket	1
9	B247 1140	Drum Shaft:Ass'y	1
10	A294 1119	Fly Wheel	1
11	B065 1134	Partition Plate	1
12	B065 1145	Boss	1
13	AB01 2315	Gear - 156Z	1
14	AB01 1482	Gear - Z40	1
15	AA04 3948	Timing Belt	1
16	AB01 7640	Gear -38/z59	1
17	AA06 0792	Tension Spring	1
18	B247 1122	Bracket:Tightener:Ass'y	1
19	B247 1110	Brushless Motor DC24V/25W	1
20	B247 1084	Guide Plate:Positioning Pin:Duplex:Ass'y	1
21	AB03 0458	Pulley - 28Z	1
22	AA04 3945	Timing Belt	1
23	A229 1135	Ring - 55	1
24	AB03 0724	Pulley - 74Z	1
25	B065 1147	Transfer Drive Bracket	1
26	B247 1149	Joint:Transfer Drive:Ass'y	1
27	AA13 2025	Spacer - 1x8x12	1
28	AA06 3654	Spring	1
29	B065 1131	Joint	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0453 3008N	Binding Self Tapping Screw:3x8	
103	1102 8504	Connector	
104	0725 0120E	Retaining Ring C - M12	
105	0450 3008N	Tapping Screw - M3x8	
106	0951 5010N	Screw:M5X10	
107	0720 0040E	Retaining Ring - M4	
108	0720 0060E	Retaining Ring - M6	
109	0450 4008N	Tapping Screw - M4x8	
110	0951 4005N	Screw:Polished Round:M4X5	
111	0633 0180G	Parallel Pin - 3x18mm	
112	1105 0490	Harness Clamp - IWS-2218	
113	1105 0489	Harness Clamp - LWS 1316	
114	1105 0516	Clamp	

41.TONER COLLECTION (G148)

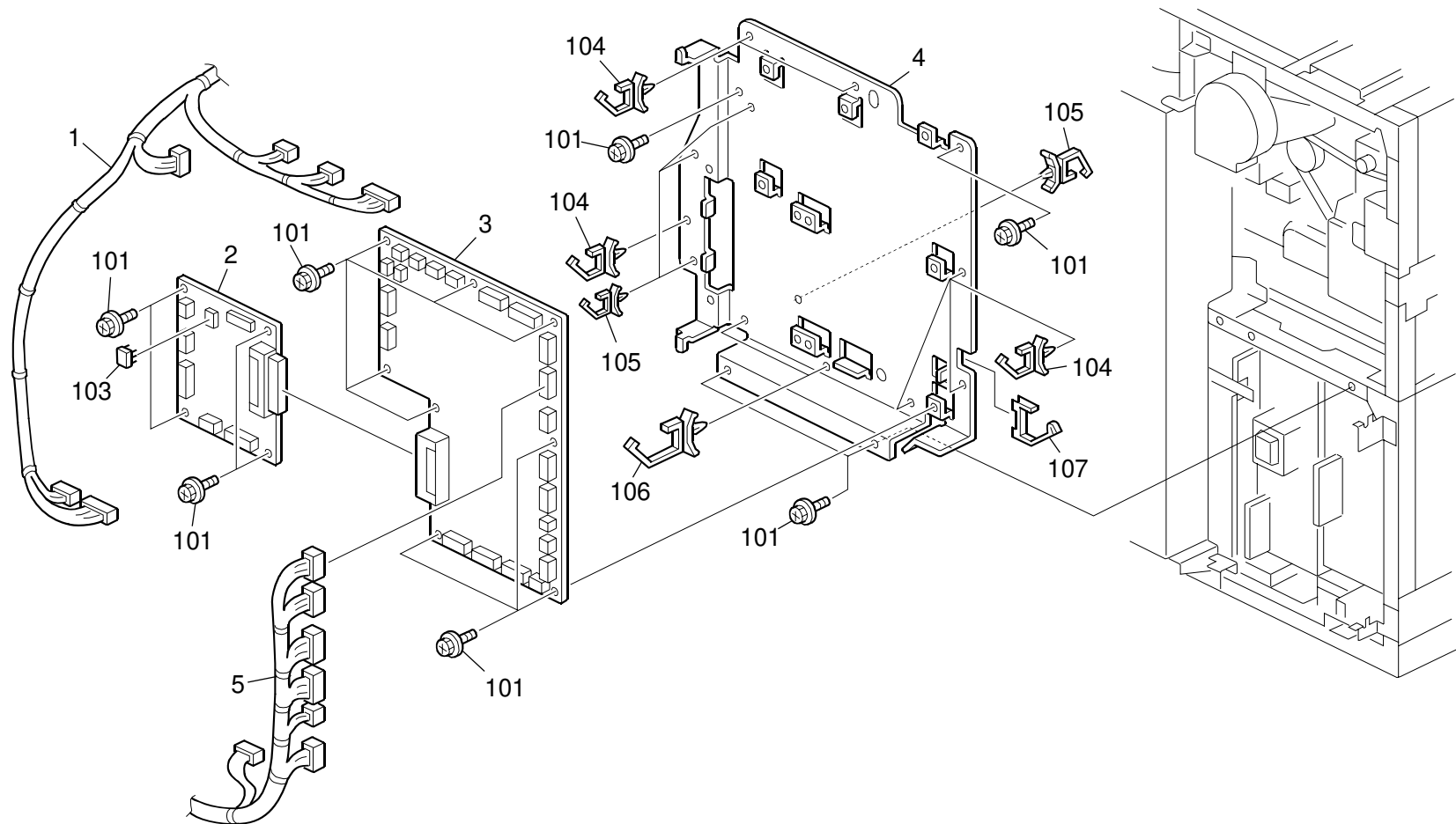


41.TONER COLLECTION (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3568	Case Cap	1
2	B065 3573	Toner Correction Agitator	1
3	B065 3565	Toner Collection Case	1
4	AW50 0023	Push Switch	2
5	B065 3566	Toner Receiving Spring	1
6	B065 3557	Toner Catchpan	1
7	B247 3609	Shaft:Discharge Used Toner:Long:Ass'y	1
8	B065 3588	Toner Collection Idle Gear	1
9	B247 3590	Shaft:Idler:Discharge Used Toner	1
10	5053 0447	Bushing - 6mm	1
11	B065 3585	Screw Gear	1
12	AA13 2208	Spacer - M6	2
13	B065 3561	Spring	1
14	B065 3587	Toner Collection Gear	2
15	B065 3581	Bushing	1
16	B247 3570	Transport Screw:Discharge Used Toner:Ass'y	1
17	B065 3583	Spring Guide	1
18	B065 3586	Screw Gear	1
19	AX06 0302	Brushless Motor DC24V 2.4W	1
20	H053 2208	Bushing - M4	1
21	B247 3559	Base:Discharge Used Toner:Ass'y	1
22	B065 3593	Toner Collection Discharge Harness	1
23	B065 3637	Seal - 40x68	1
24	B065 3645	Gear - 22Z	1
25	B065 3654	Toner Collection Cap	1
26	B065 3601	Toner Collection Pipe	2
27	B065 3660	Pulley	1
28	B065 3652	Shield Plate	1
29	B065 3649	Toner Collection Case - Transport	1
30	B065 3650	Toner Collection Joint	1
31	AW02 0145	Photointerruptor:Flat	3
32	B065 2762	Relay Paper Feed Harness	1
33	B247 3633	Transport Screw:Discharge Used Toner:Classifi	1
34	A096 3712	Ratch	1
35	B065 3610	Toner Collection Shaft	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	5447 2681	Snap Ring	1
37	B065 3670	Transport Screw	1
38	B247 3604	Shaft:Discharge Used Toner:Classification:Ass	1
39	B065 3629	Toner Separation Case	1
40	B065 3636	Toner Collection Seal	1
101	0451 4008N	Tapping Screw:4x8	
102	1105 0046	Harness Band	
103	0354 0080N	Screw:M4X8	
104	1105 0511	Harness Clamp - LWS-0306ZC	

42.ELECTRICAL SECTION 1 (G148)

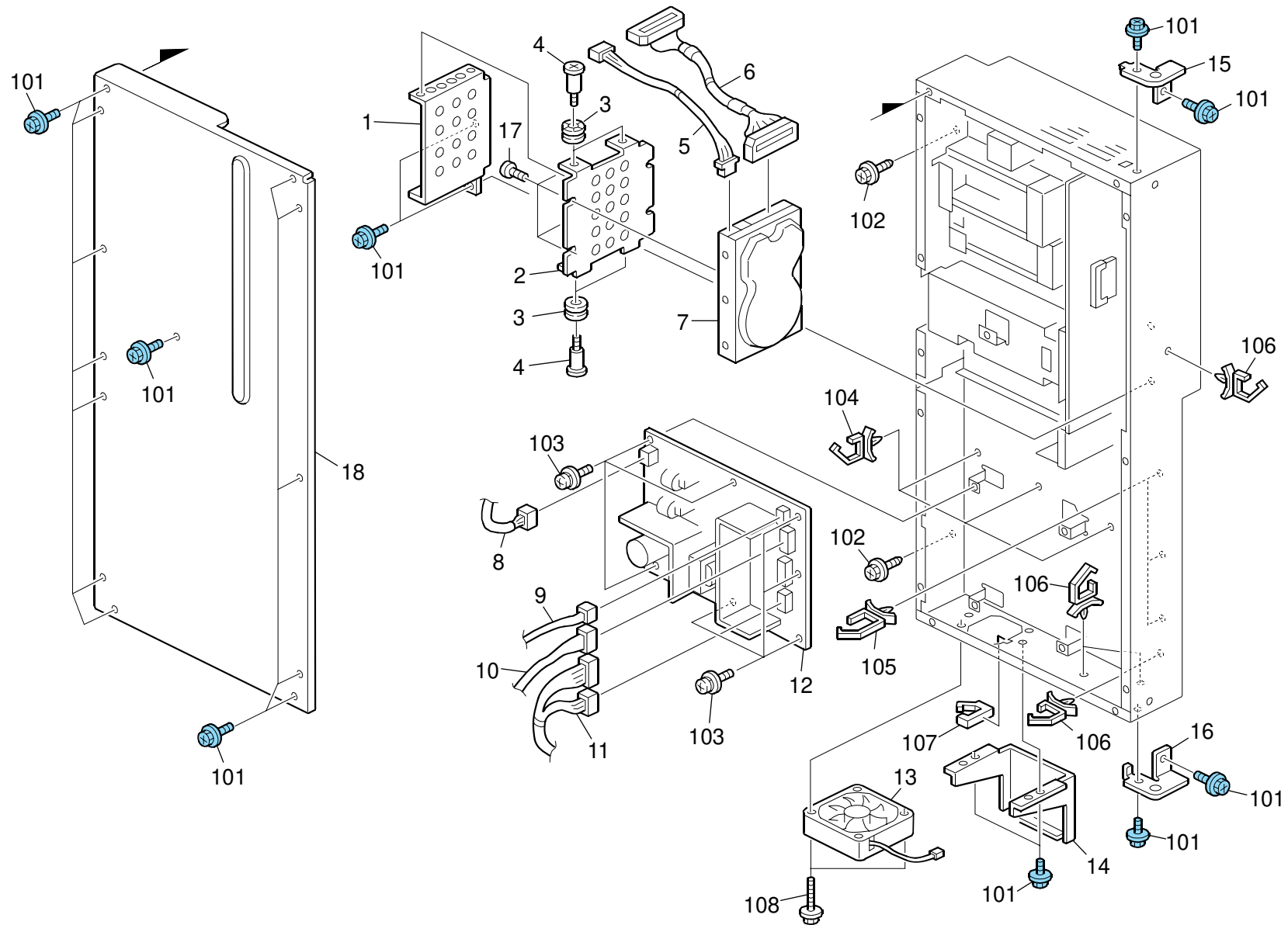


42.ELECTRICAL SECTION 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5416	Harness - Upper	1
2	G148 5122	PCB:BCU	1
3	G148 5128	PCB:IOB	1
4	B247 5711	BCU Bracket	1
5	B247 5417	Harness - Left	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0451 4008N	Tapping Screw:4x8	
103	1407 6380	EEPROM - BR24L08-W	
104	1105 0489	Harness Clamp - LWS 1316	
105	1105 0516	Clamp	
106	1105 0490	Harness Clamp - IWS-2218	
107	1105 0518	Edge Saddle - Les-1010	

43.ELECTRICAL SECTION 2 (G148)

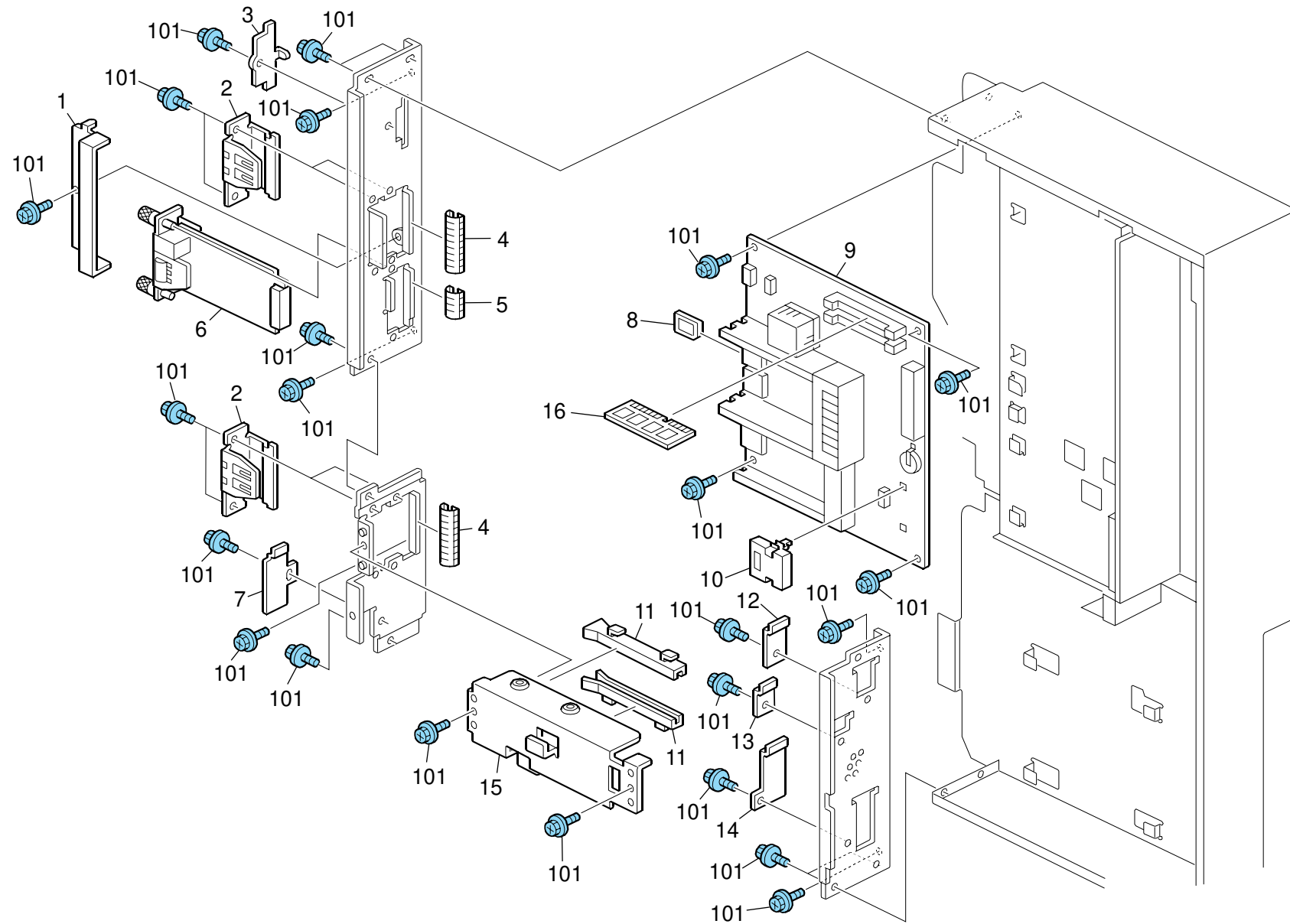


43.ELECTRICAL SECTION 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5835	HDD Stay	1
2	B247 5834	HDD Bracket	1
3	AA16 1125	Rubber Cushion	4
4	AA14 3548	Screw:M3X4.2	4
5	B247 5551	Harness - HDD Power Source	1
6	B247 5552	Harness:HDD:IDE:Ass'y	1
7	B247 5226	HDD:Hitachi:80GB:Path:ROHS	1
8	B246 5623	Harness:AC Power Supply:CTL-PSU:EU	1
8	B247 5622	Harness - AC Power Supply CTL-PSU	1
9	B247 5460	Harness - PWRCTL	1
10	B247 5516	Harness - DC PCU	1
11	B247 5515	Harness - DC Power Supply MB	1
12	AZ23 0197	Power Supply Unit	1
12	AZ24 0112	Power Supply Unit:EU	1
13	AX64 0186	Fan:Mm70:12V	1
14	B247 5878	Duct Bracket - Lower	1
15	B247 5823	Control Unit Hinge - Upper	1
16	B247 5824	Control Unit Hinge - Lower	1
17	AA14 3815	Screw - M3X3.5	4
18	B247 5838	Cover:Control Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 3006Q	Tapping Screw - M3x6	
102	0451 4008N	Tapping Screw:4x8	
103	0954 3008N	Screw - M3X8	
104	1105 0508	Harness Clamp - LWS-0711	
105	1105 0490	Harness Clamp - IWS-2218	
106	1105 0516	Clamp	
107	1105 0522	Edge Saddle - Les0510	
108	0451 3020N	Tapping Screw:3x20	

44.ELECTRICAL SECTION 3 (G148)

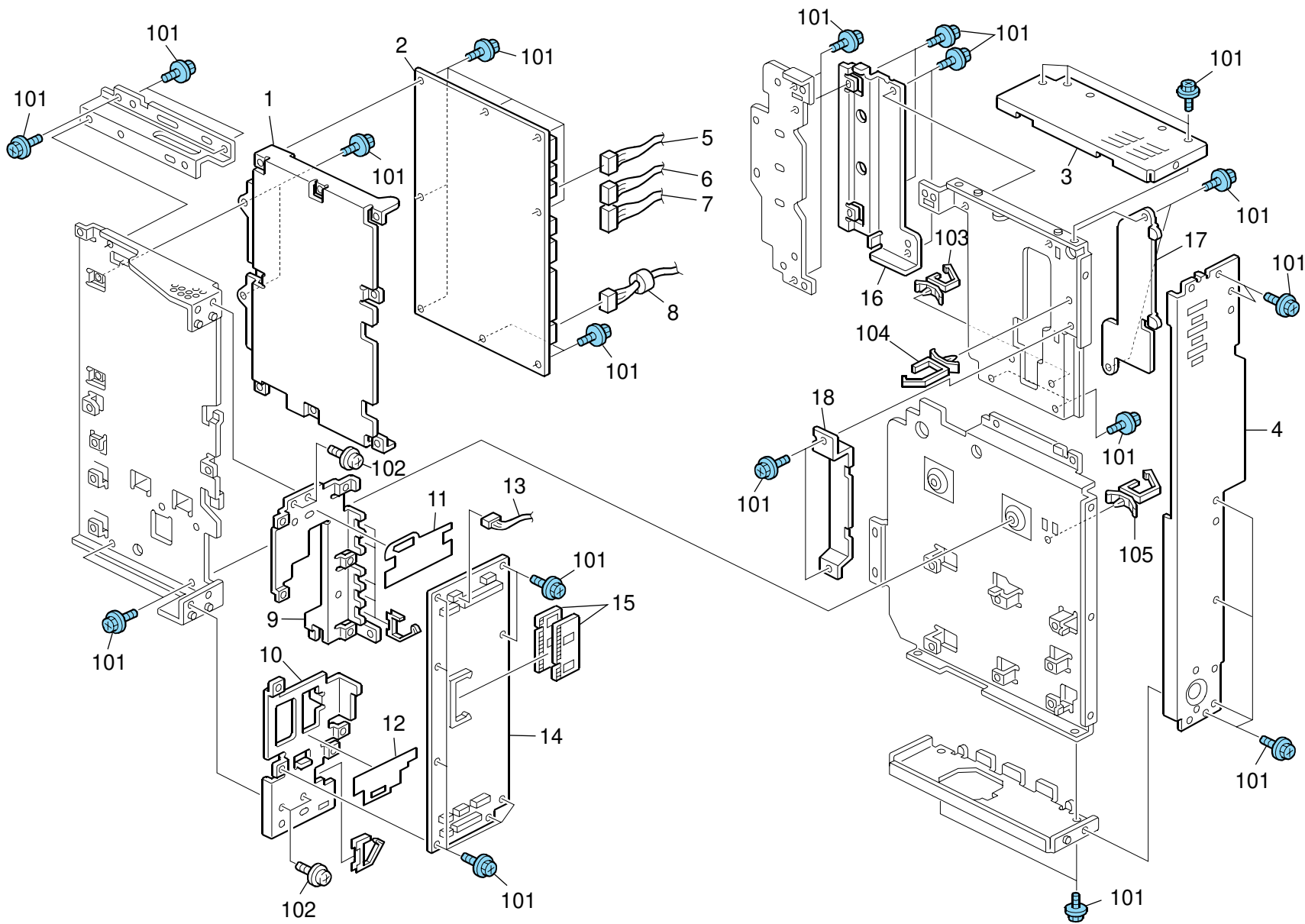


44.ELECTRICAL SECTION 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5879	Cover - SD-Card	1
2	B101 5993	Interface Panel	4
3	B132 5925	Cover:Connector:Control Board	1
4	B070 6877	Large Drum Stay Ground Plate	2
5	B140 5836	Ground Plate 5	1
6	G148 5101	PCB:NIC+SUB	1
7	B247 5883	Cover 2CH	1
8	G148 5250	SD-Card:Printer	1
9	G148 5112	PCB:CTL	1
10	G148 9590	NVRAM	1
11	B622 5874	Rail:Fax Control Unit	2
12	B247 5881	Cover - Fax	1
13	B247 5882	Cover - 1CH	1
14	B247 5869	Cover - CSS	1
15	B247 5872	Stay:Option	1
16	G332 5721	PCB:SDRAM-DIMM:256Mb:PBF:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 3006Q	Tapping Screw - M3x6	

45.ELECTRICAL SECTION 4 (G148)

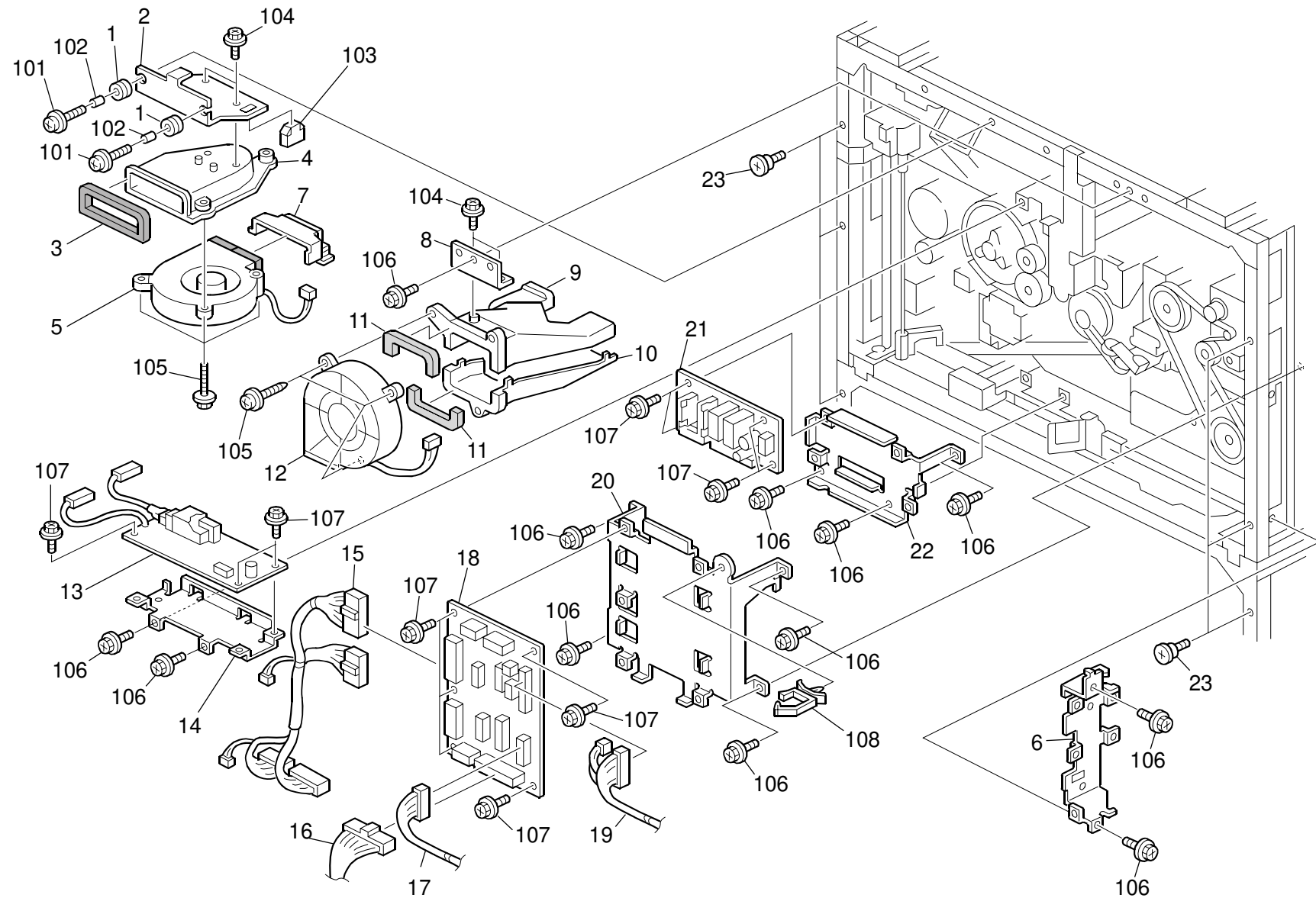


45.ELECTRICAL SECTION 4 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5862	IPU Bracket	1
2	G148 5141	PCB:IPU	1
3	B247 5875	Frame:Upper:Control Unit	1
4	B247 5884	Connector Side Plate Bracket	1
5	B247 5454	Harness - LDB	1
6	B247 5453	Harness - Sync Detector	1
7	B247 5456	Harness - LDB Power Source	1
8	B247 5451	Harness - IPU BCU	1
9	B247 5889	Bracket - Mother Board HDD	1
10	B247 5891	Bracket - Mother Board PSU	1
11	B247 5836	Insulating Sheet - HDD	1
12	B247 5837	Insulating Sheet - Power Source	1
13	G148 5457	Harness:MB:Operation Panel	1
14	G148 5205	PCB:MB	1
15	B234 5563	PCB DDR-DIMM 128Mb	2
16	B247 5864	Cover - Image Processing Unit	1
17	B247 5863	Harness Bracket	1
18	B247 5868	Cover - HDD	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 3006Q	Tapping Screw - M3x6	
102	0951 3004N	Screw:Polished Round:M3X4	
103	1105 0516	Clamp	
104	1105 0490	Harness Clamp - IWS-2218	
105	1105 0607	Clamp:RBWS-1015D V0	

46.ELECTRICAL SECTION 5 (G148)

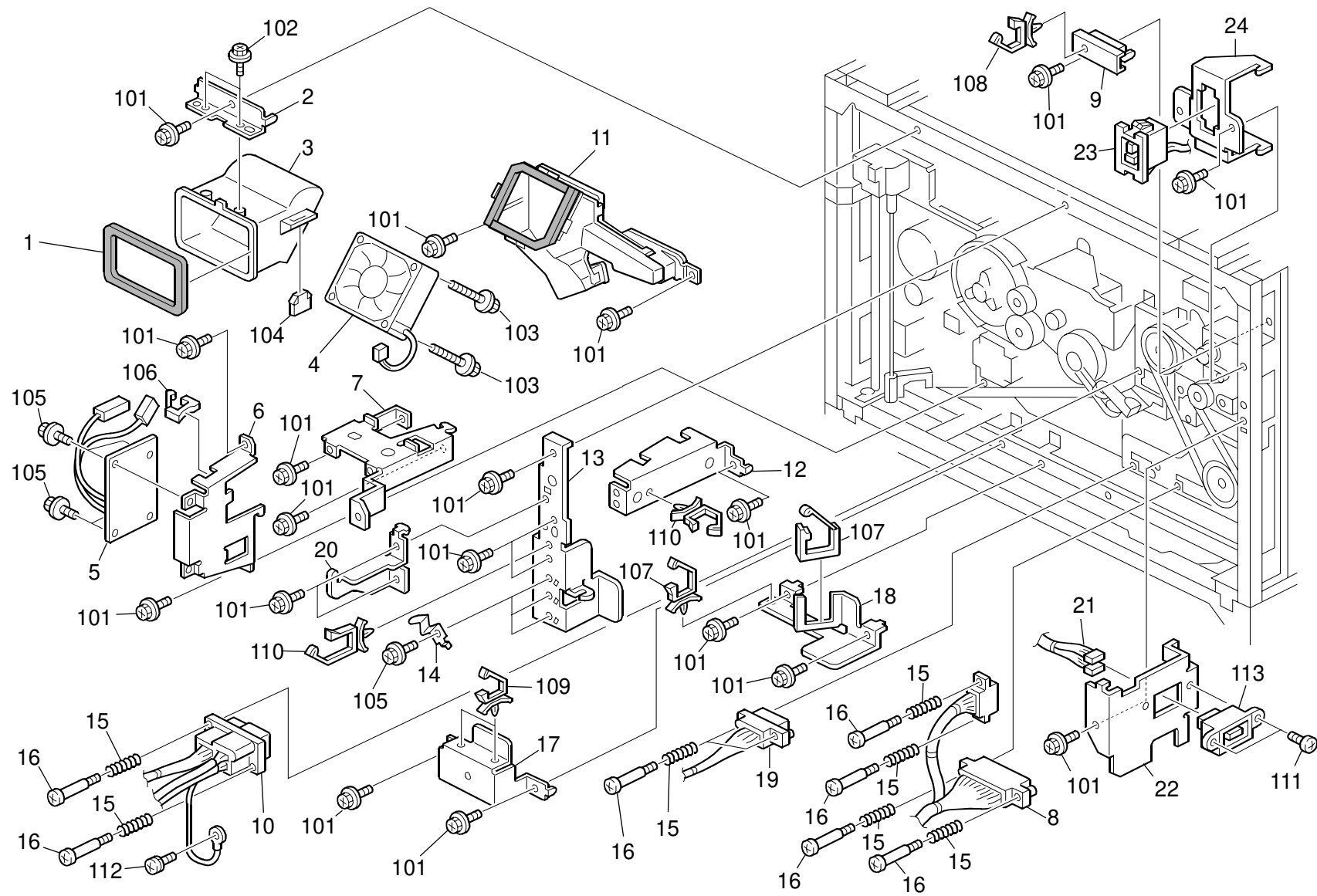


46.ELECTRICAL SECTION 5 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA16 1104	Cushion - Motor	2
2	B065 1178	Fan Bracket - IPS	1
3	AA15 3155	Duct Seal - IPS	1
4	B065 1175	Entrance IPS Duct	1
5	B247 1095	Sirocco Fan Motor DC24V/8W	1
6	B065 5805	Css Bracket	1
7	B065 1177	Upper IPS Duct	1
8	B065 1194	Exhaust Bracket	1
9	B065 1192	Upper Exhaust Duct	1
10	B065 1193	Lower Exhaust Duct	1
11	AA15 3156	Exhaust Duct Seal	2
12	AX65 0044	Sirocco Fan Motor DC24V/8.5W	1
13	AZ32 0163	Power Pack - Charactor Generator	1
14	B065 5804	Charge Power Pack Bracket	1
15	B247 5500	Harness - DC PSU CNB BCU	1
16	B140 5509	Harness - Power Source BCU DRB	1
17	B247 5421	Harness - Safety Switch	1
18	B247 5230	PCB CNB	1
19	B247 5420	Harness - CNB Upper	1
20	B065 5802	CNB Board Bracket	1
21	B247 5185	PCB DRB	1
22	B140 5803	DRB Bracket	1
23	AA14 3801	Screw:M4:Exterior	6

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 4010N	Screw:Polished Round:M4X10	
102	0707 4050N	Bushing - 4x5	
103	1102 6245	Relay Connector - 2P	
104	0450 4008N	Tapping Screw - M4x8	
105	0450 4016N	Tapping Screw - M4x16	
106	0451 4008N	Tapping Screw:4x8	
107	0451 3008N	Tapping Screw - M3x8	
108	1105 0488	Harness Clamp	

47.ELECTRICAL SECTION 6 (G148)

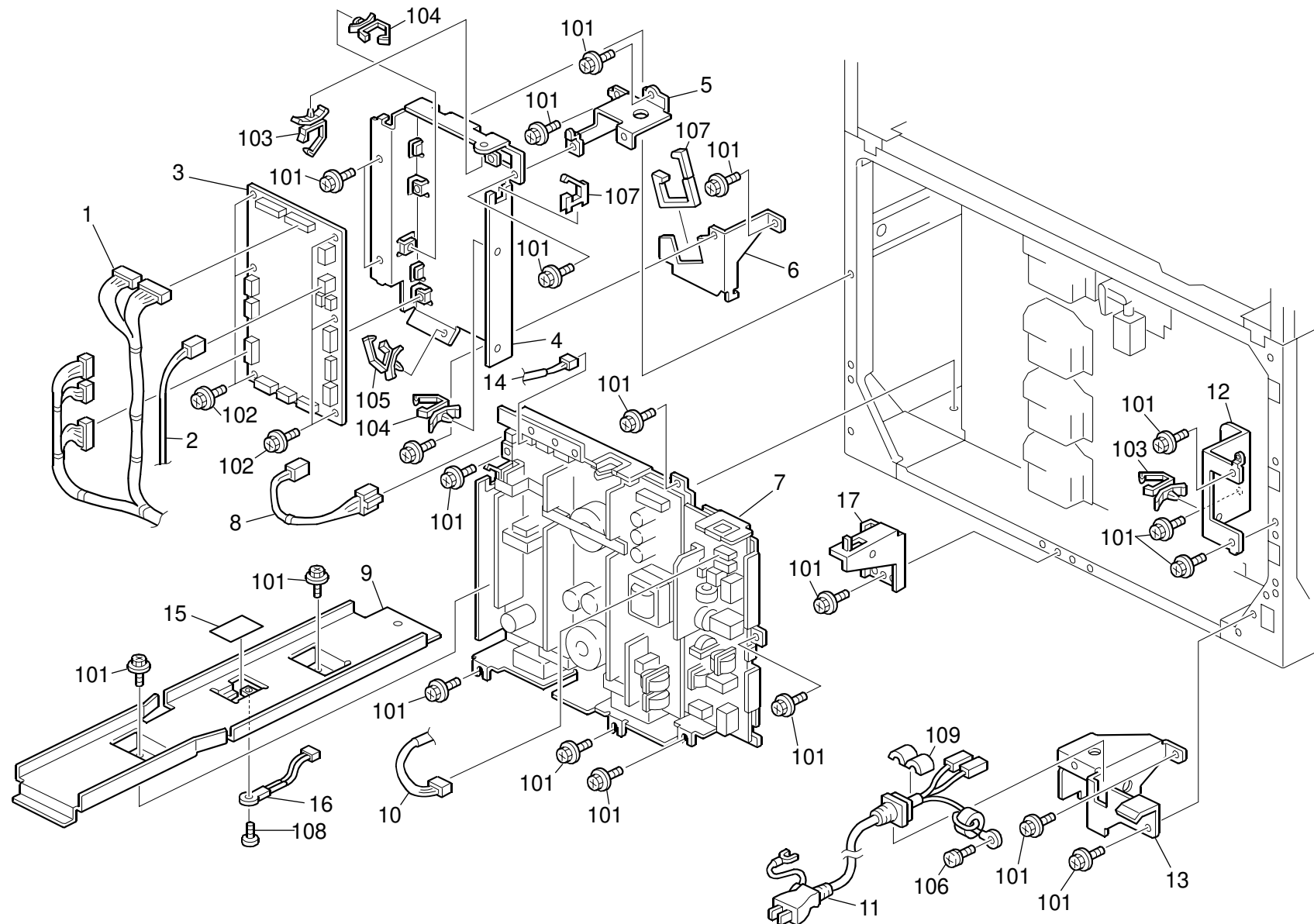


47.ELECTRICAL SECTION 6 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA15 3154	Duct Seal - PCU	1
2	B065 1183	Fan Bracket	1
3	B065 1184	Entrance PCU Duct	1
4	AX64 0183	Fan Motor DC24V/1.92W	1
5	AZ30 0057	Power Pack - Development	1
6	G126 5892	Bracket:Power Pack:Development	1
7	B247 5874	Holder:Power Pack:C3	1
8	G148 5418	Harness:Main:Duplex:Exit	1
9	B065 5818	Main Switch Harness Guide	1
10	G148 5615	Harness:Ac Power Supply:Main (120V)	1
10	G148 5617	Harness:AC Power Supply:Main (230V)	1
11	B065 1180	PCU Duct	1
12	B065 5814	Harness Guide	1
13	B247 5827	Hinge Stay - Upper	1
14	B065 5868	Clamp	3
15	AA06 3880	Spring	8
16	AA14 3797	Connector Guide Pin	8
17	B065 5817	Slide Rail Cover	1
18	B247 5712	Hinge Bracket - Lower	1
19	B065 5422	Duplex DRB Harness	1
20	B247 5825	Upper Arm	1
21	B065 5445	Finisher Cnb Harness	1
22	B065 5807	Finisher Cable Bracket	1
23	G126 5894	Cover Plug	1
24	G126 5891	Bracket Plug	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0450 4008N	Tapping Screw - M4x8	
103	0450 4035N	Tapping Screw:4x35	
104	1102 6245	Relay Connector - 2P	
105	0451 3008N	Tapping Screw - M3x8	
106	1105 0522	Edge Saddle - Les0510	
107	1105 0532	Edge Saddle - Les-25l	
108	1105 0489	Harness Clamp - LWS 1316	
109	1105 0516	Clamp	
110	1105 0490	Harness Clamp - IWS-2218	
111	0453 3008N	Binding Self Tapping Screw:3x8	
112	0950 4008N	Screw:Spring Washer:M4X8	
113	1102 8502	Connector - 54679-1615	

48.ELECTRICAL SECTION 7 (G148)

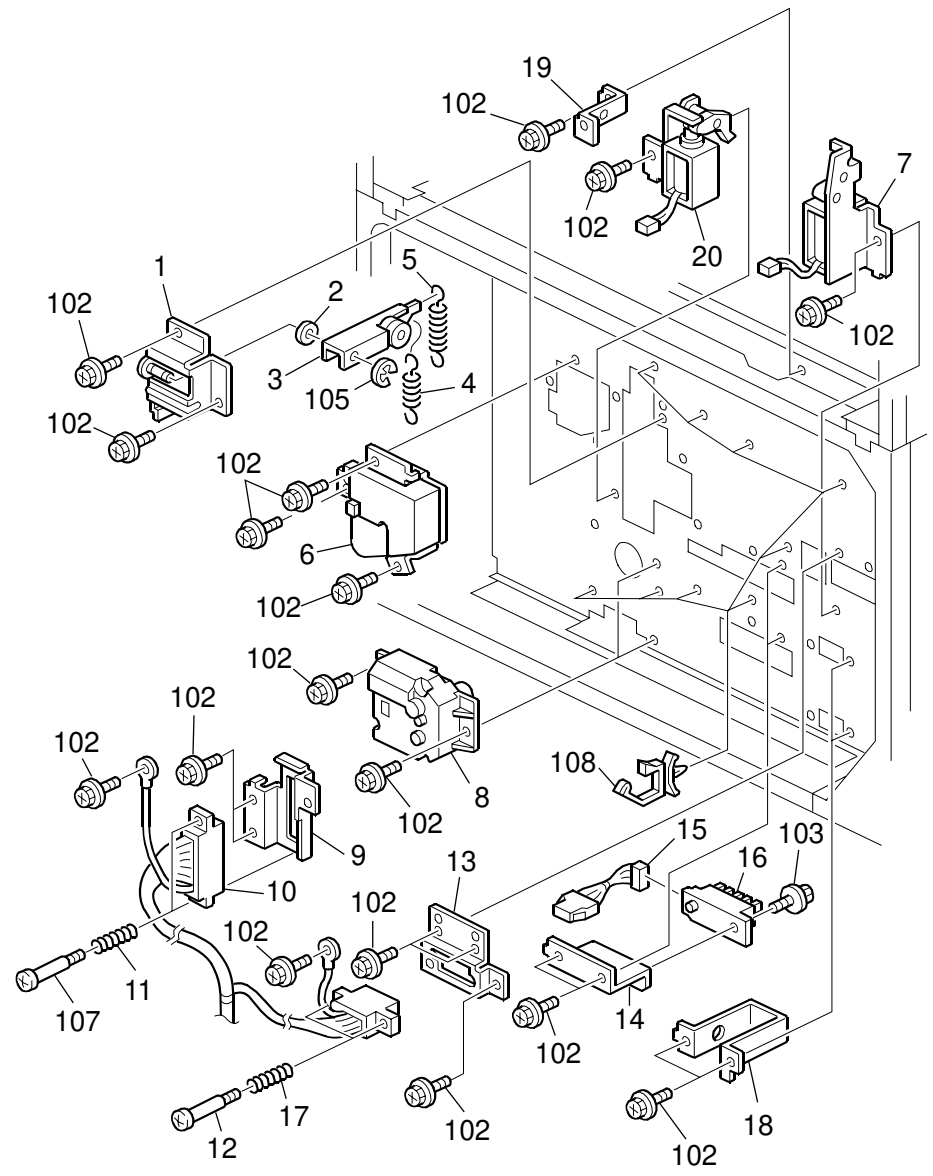


48.ELECTRICAL SECTION 7 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5701	Harness - Bank Front 3way	1
2	B247 5483	Harness - Bank Safety Switch	1
3	B247 5132	PCB pFC 3way	1
4	B065 5871	pFC Board Bracket	1
5	B065 5873	Upper pFC Board Stay	1
6	B065 5872	Lower pFC Board Stay	1
7	AZ24 0111	Power Supply Unit	1
7	AZ23 0198	Power Supply Unit:CTL:EU	1
8	B247 5502	Harness - DC Power Supply pFC	1
9	B065 3695	Bottle Guide	1
10	B247 5601	Harness - Bank Dehumidifier	1
11	B246 5676	Power Supply Cord:NA:Ass'y	1
11	B246 5677	Power Supply Cord:EU	1
12	B065 5879	Right PSU Stay	1
13	B247 5879	Cover - SD-Card	1
14	B247 5461	Harness - PWRCTL	1
15	B110 3777	Cover Temperature & Humidity Sensor	1
16	AW10 0107	Thermistor	1
17	B247 5826	Lower Arm	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 3008N	Tapping Screw - M3x8	
103	1105 0487	Harness Clamp	
104	1105 0488	Harness Clamp	
105	1105 0489	Harness Clamp - LWS 1316	
106	0801 0142	Screw - Spring Washer - M5X8	
107	1105 0532	Edge Saddle - Les-25l	
108	0313 0060N	Screw - M3X6	
109	1607 1092	Ferrite Core:Rfc-10	

49.ELECTRICAL SECTION 8 (G148)

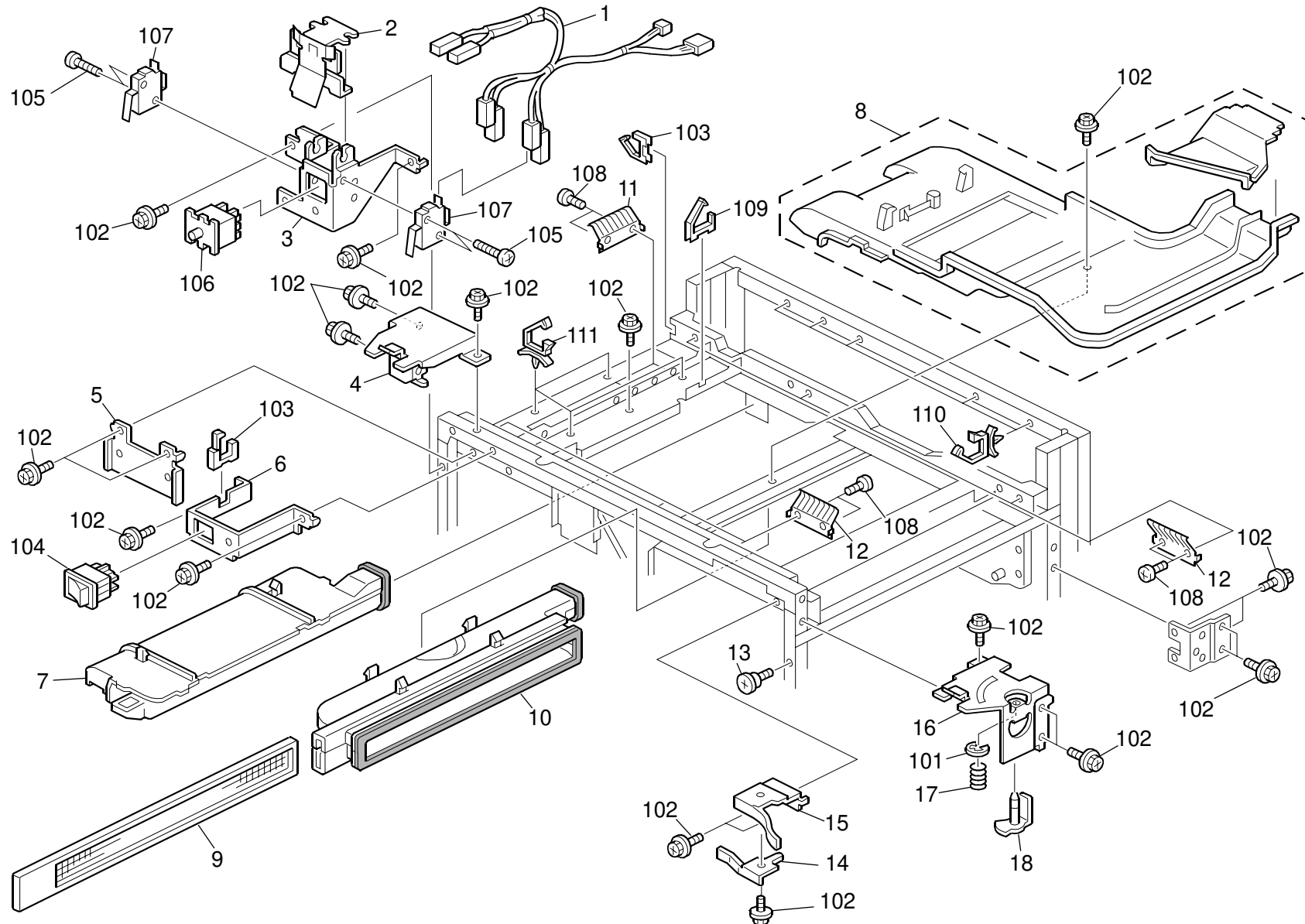


49.ELECTRICAL SECTION 8 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B132 6726	Bracket:Arm:Ass'y	1
2	AA13 2203	Spacer - 6mm	1
3	B065 6769	Lock Arm	1
4	B247 6754	Lock Spring - Small	1
5	B247 6753	Lock Spring - Large	1
6	B132 6759	DC Motor:Rise:Tandem LCT:Ass'y	1
7	B132 6765	DC Solenoid:Lock:Ass'y	1
8	AX04 0144	DC Motor:Rise:Paper Tray	2
9	B065 6767	Right Connecting Bracket	1
10	B065 5700	Rear Paper Bank Harness	1
11	AA06 3880	Spring	2
12	AA14 3797	Connector Guide Pin	2
13	B132 6763	Bracket:Connector:Left	1
14	B247 6177	Bracket - Paper Size Sensor	2
15	B247 6800	Harness - Paper Size Sensor	2
16	AW50 0010	Push Switch	2
17	AA06 3268	Connector Spring	2
18	B065 6172	Paper Tray Stopper	2
19	B065 5878	Upper PSU Stay	1
20	B132 6762	DC Solenoid:Coupling:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0508	Harness Clamp - LWS-0711	
102	0451 4008N	Tapping Screw:4x8	
103	0451 3008N	Tapping Screw - M3x8	
104	0313 0050N	Philips Pan Head Screw - M3x5	
105	0720 0040E	Retaining Ring - M4	
106	1102 6245	Relay Connector - 2P	
107	0803 0058	Stepped Screw	
108	1105 0488	Harness Clamp	

50.ELECTRICAL SECTION 9 (G148)

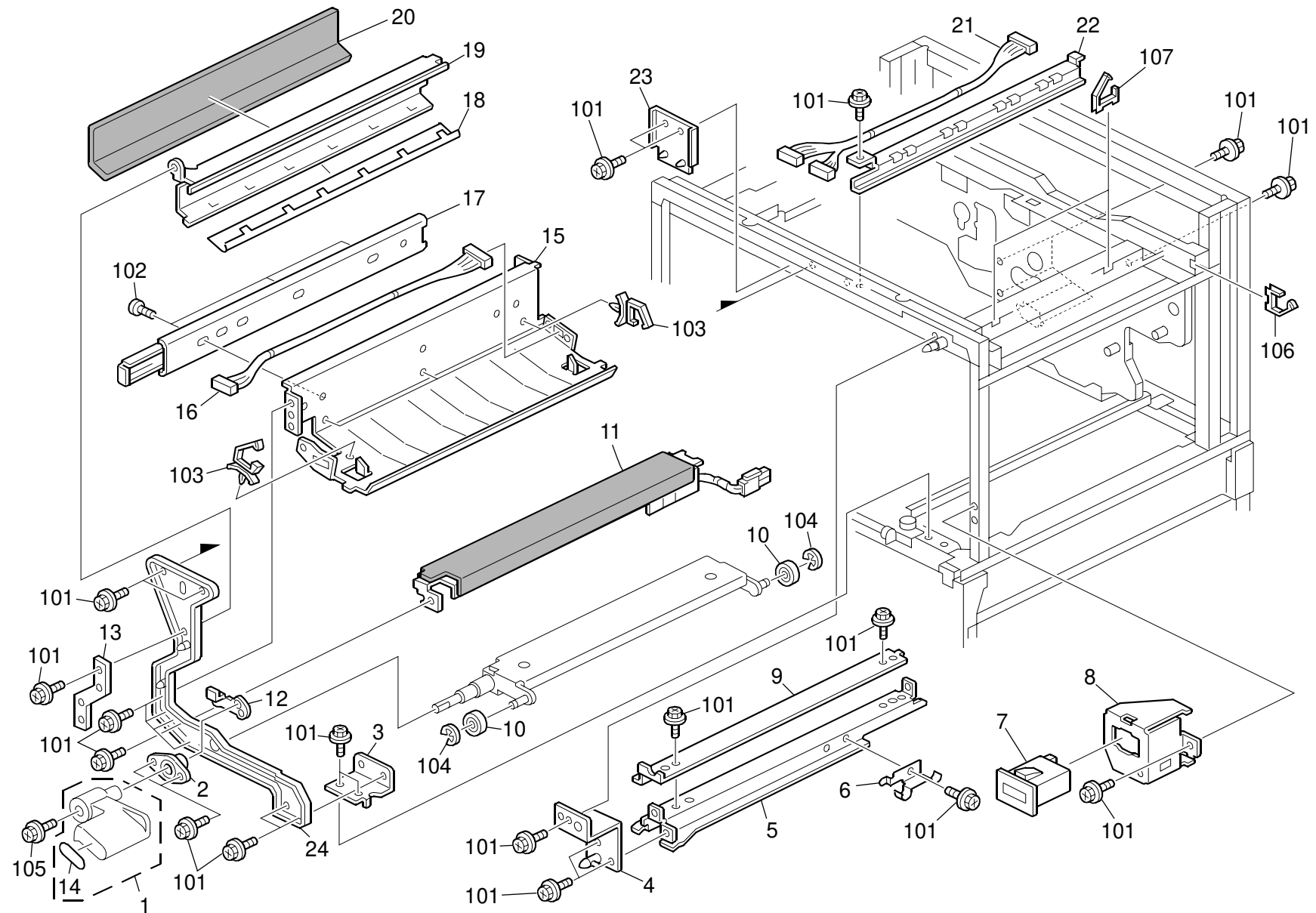


50.ELECTRICAL SECTION 9 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5430	Harness - Switch:Laser Diode	1
2	B065 5041	Safety Switch Lever	1
3	B065 5811	Safety Switch Bracket	1
4	B065 1320	Receiving Tray - Operation Panel	1
5	B065 5816	Safety Switch Harness Cover	1
6	B247 5715	Main Switch Bracket	1
7	B065 1188	Duct - Fusing	1
8	B065 1173	IPS Duct	1
9	B070 2114	Filter - Toner	1
10	B065 1185	Duct - Charge	1
11	B065 1845	Grounding Plate	1
12	B065 1844	Grounding Plate	6
13	AA14 3801	Screw:M4:Exterior	1
14	B065 3267	Inner Back Cam	1
15	B065 3266	Toner Bottle Cam	1
16	B065 1328	Upper Hinge Guide Plate	1
17	AA06 3052	Turret Spring	1
18	B132 1463	Hinge Shaft	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Tapping Screw:4x8	
103	1105 0518	Edge Saddle - Les-1010	
104	1204 2468	Switch - AC250/16A	
105	0353 0120N	Screw M3x12	
106	1204 2390	Interlock Switch - Fa8l-ab24	
107	1204 2521	Micro Switch	
108	0453 3008N	Binding Self Tapping Screw:3x8	
109	1105 0522	Edge Saddle - Les0510	
110	1105 0508	Harness Clamp - LWS-0711	
111	1105 0488	Harness Clamp	

51.FRAME SECTION 1 (G148)

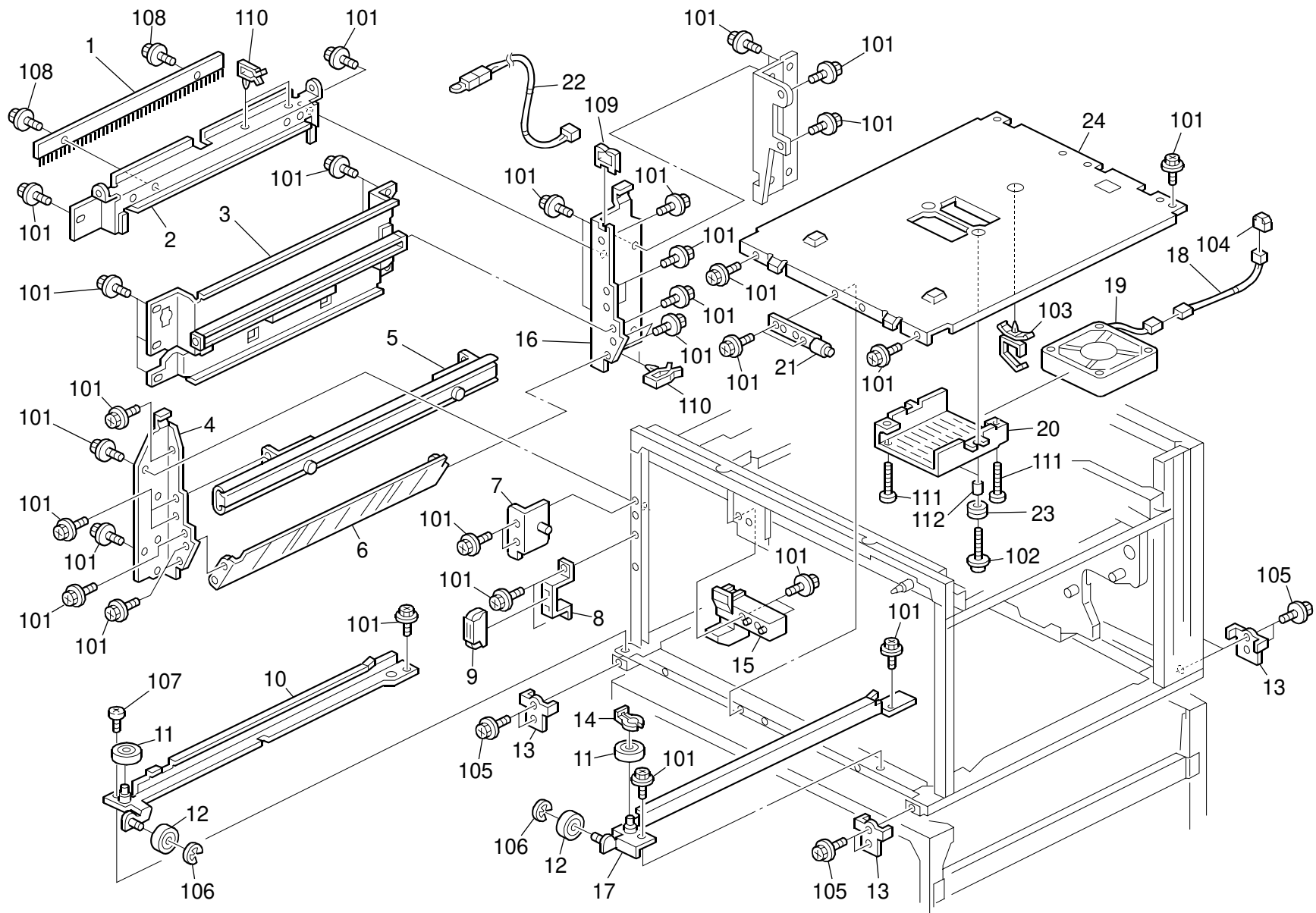


51.FRAME SECTION 1 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3832	Transfer Unit Lever	1
2	AA08 2064	Bushing - 10mm	1
3	B065 1096	Front Transfer Stay	1
4	B140 3253	Drum Stay:Development:Upper:Peen	1
5	B065 3251	Development Unit Rail	1
6	A096 1679	Development Grounding Plate	1
7	AX31 0047	Total Counter:7fig:24V:MI2	1
8	B065 5893	Counter Bracket	1
9	B065 3252	Right Rail - Drum Unit	1
10	6754 2866	Roller - Positioning Guide	2
11	B246 3841	Heater:120V	1
11	B246 3843	Heater:240V	1
12	B065 3831	Release Positioning Plate	1
13	B247 3820	Positioning Plate:Transfer Unit:Ass'y	1
14	B065 3833	Decal - Transfer Unit Lever	1
15	B065 3811	Transfer Unit Stay	1
16	B065 3812	Transfer Rely Harness	1
17	AA07 0077	Slide Rail - Right	1
18	B065 1094	Duct Clip	1
19	B065 1091	Left Duct - PCU	1
20	B065 1095	Heat Insulation	1
21	B247 2496	Harness - PCU	1
22	B065 1098	Left Rail	1
23	B247 4168	Positioning Plate:Fusing Unit:Ass'Y	1
24	B247 3815	Channel:Lengthwise:Middle Front:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0453 4008N	Binding Self Tapping Screw:4x8	
103	1105 0487	Harness Clamp	
104	0720 0040E	Retaining Ring - M4	
105	0360 4008N	Screw - M4X8	
106	1105 0518	Edge Saddle - Les-1010	
107	1105 0522	Edge Saddle - Les0510	

52.FRAME SECTION 2 (G148)

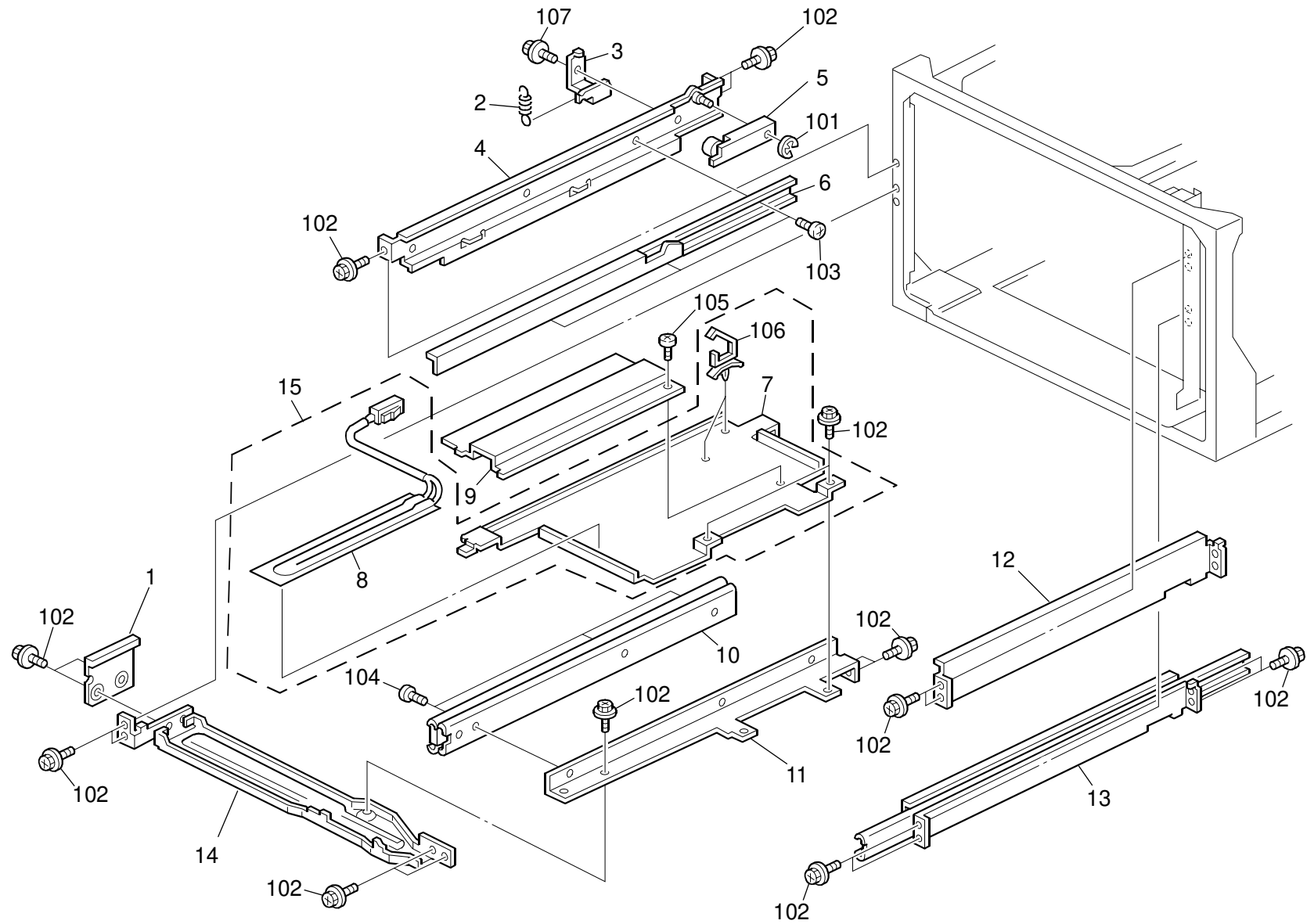


52.FRAME SECTION 2 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA12 0067	Anti Static Brush	1
2	B140 4311	Upper Exit Guide Plate	1
3	B140 4313	Exhaust Cover Ass'y	1
4	B065 4306	Front Exhaust Side Plate	1
5	B247 4440	Slide Rail:Fusing/paper Exit Unit:Left:Ass'y	1
6	B140 4312	Left Rise Guide Plate	1
7	B247 4263	Bracket:Shaft:Lock:Ass'y	1
8	B065 1197	Magnet Catch Bracket	1
9	AG07 1012	Magnet Catch:Ass'y	1
10	B247 4835	Rail:Left:Machine Or Copier:Ass'y	1
11	A300 2134	Guide Roller - B	2
12	6754 2866	Roller - Positioning Guide	2
13	B065 1092	Bracket	4
14	5447 2681	Snap Ring	1
15	B065 4179	Stripper Pawls Plate	1
16	B065 4307	Rear Exhaust Side Plate	1
17	B247 4591	Right Duplex Rail	1
18	B065 1198	Duplex Fan Harness	1
19	AX64 0183	Fan Motor DC24V/1.92W	1
20	B065 1200	Bracket:Fan:Duplex	1
21	B065 4830	Holder Bracket	1
22	B065 4499	Exit Detection Harness	1
23	AA16 1104	Cushion - Motor	2
24	B065 1075	Base Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0951 4010N	Screw:Polished Round:M4X10	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	1102 6245	Relay Connector - 2P	
105	0451 4010N	Tapping Screw:4x10	
106	0720 0040E	Retaining Ring - M4	
107	0434 0080N	Pan Self-tapping Screw:M4x8	
108	0451 3006N	Tapping Screw - 3x6	
109	1105 0328	Harness Clamp - ES-0505	
110	1105 0283	Clamp	
111	0354 0300N	Screw:M4X30	
112	0707 4050N	Bushing - 4x5	

53.FRAME SECTION 3 (G148)

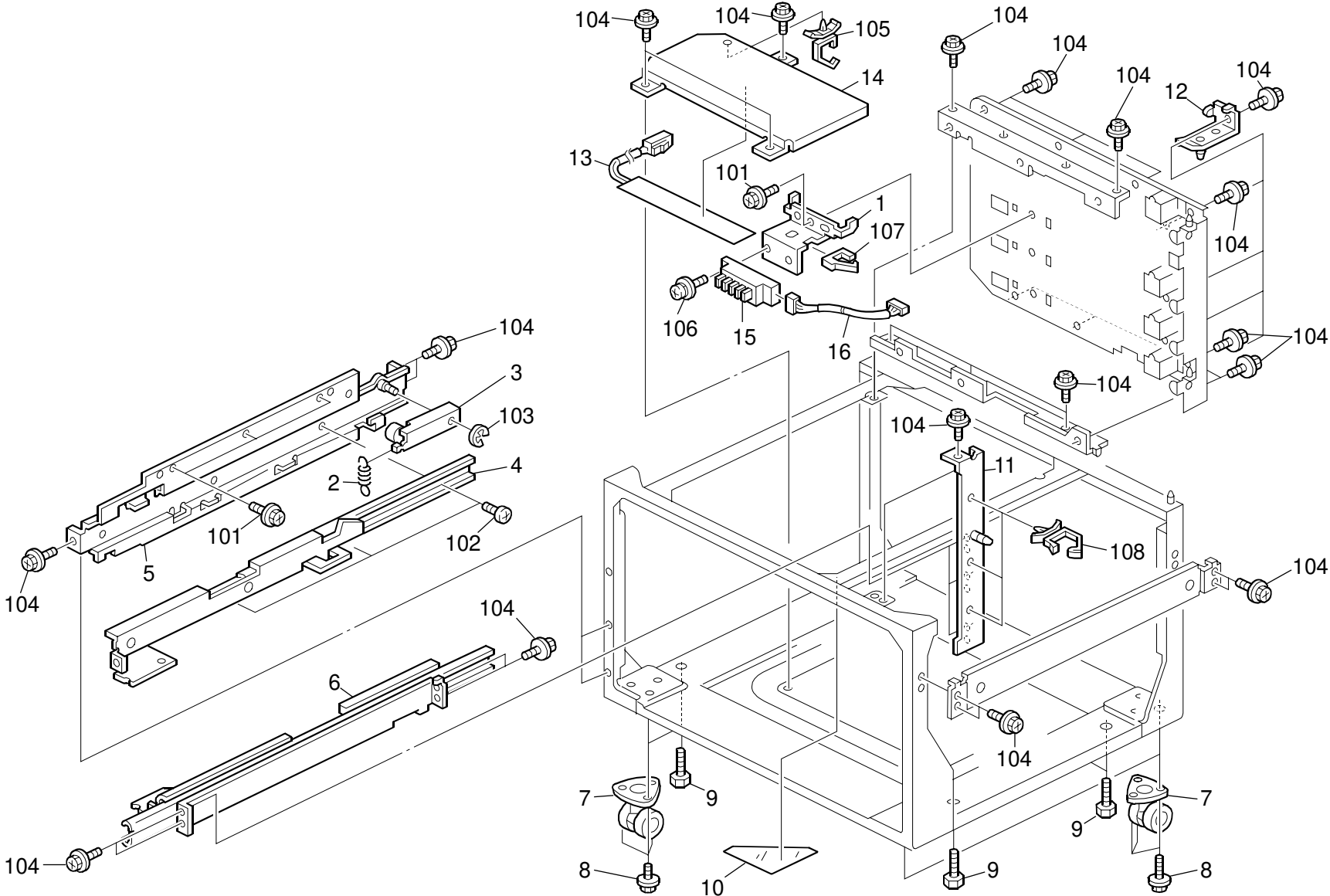


53.FRAME SECTION 3 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6777	Supporting Plate	1
2	AA06 0592	Lock Spring - Tandem Tray	1
3	B132 6742	Left Rail Bracket	1
4	B247 6792	Base:Slide Rail:Tandem LCT:Peen	1
5	B065 6135	Lock Arm - Tandem Tray	1
6	B247 6254	Slide Rail - Left	1
7	B065 6116	Upper Heat Sink	1
8	AX40 0176	Heater:115V:18W:Upper	1
8	AX40 0178	Heater:240V:18W:Upper	1
9	A248 6103	Guide Plate - Upper Heat Sink	1
10	AA07 0072	Slide Rail:Tandem LCT	1
11	B065 6774	Slidebracket	1
12	B065 6264	Guide Stay	1
13	B247 6252	Slide Rail - Right	1
14	B065 6776	Tandem Tray Stay	1
15	B140 6226	Heat Sink:Heater:Lower:EU:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Tapping Screw:4x8	
103	0313 0040N	Screw:M3x4	
104	0314 0040N	Pan Head Screw - M4x4	
105	0360 4006N	Screw - M4X6	
106	1105 0516	Clamp	
107	0451 4006N	Tapping Screw - 4x6	

54.FRAME SECTION 4 (G148)



54.FRAME SECTION 4 (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 6177	Bracket - Paper Size Sensor	2
2	AA06 0534	Tray Lock Spring - 19mm	2
3	B065 6136	Tray Lock Arm	2
4	B132 6692	Slide Rail:Left:Sub-ass'y	2
5	B065 6783	Slide Rail Base	2
6	B132 6693	Slide Rail:Right:Ass'y	1
7	AH01 2031	Caster:1470n	4
8	AA14 3803	Flanged Hexagonal Head Bolt:Caster	12
9	AA14 3798	Hexagonal Bolt:M12x35	4
10	B098 6693	Shield:Frame:Paper Bank:Upper	1
11	B065 6191	Side Plate - Paper Tray	1
12	B247 6174	Bracket:Positioning:Paper Tray:Ass'y	4
13	AX40 0176	Heater:115V:18W:Upper	2
13	AX40 0178	Heater:240V:18W:Upper	2
14	B140 6221	Heat Sink:Heater:Lower:Sub-ass'y	1
15	AW50 0010	Push Switch	2
16	B247 6800	Harness - Paper Size Sensor	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0453 3006N	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0451 4008N	Tapping Screw:4x8	
105	1105 0516	Clamp	
106	0954 3008N	Screw - M3X8	
107	1105 0522	Edge Saddle - Les0510	
108	1105 0488	Harness Clamp	

55.BCU BOARD (G148)

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.
C101	136	C111	136	---	---	C131	136	C141	136	---	---	C161	157
C102	130	C112	134	C122	136	C132	136	C142	134	C152	136	C162	136
C103	138	C113	136	C123	134	C133	136	C143	136	C153	134	C163	137
C104	130	C114	134	C124	136	C134	134	C144	134	C154	136	C164	134
C105	136	C115	133	C125	134	C135	136	C145	136	C155	136	C165	136
C106	136	C116	136	C126	134	C136	136	C146	131	C156	133	C166	136
C107	136	C117	136	C127	134	C137	134	C147	136	C157	134	C167	136
C108	136	C118	134	C128	134	C138	136	C148	136	C158	134	C168	136
C109	134	C119	141	C129	136	C139	136	C149	136	C159	132	C169	139
C110	136	C120	135	C130	131	C140	136	C150	136	C160	132		

CAPACITOR

SYMBOL NO.	INDEX NO.
CA101	142
CA102	142
CA103	140
---	---
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---	---
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---	---

CONNECTOR

SYMBOL NO.	INDEX NO.
CN251	103
CN252	105
CN253	107
CN254	104
CN255	106
CN256	102
CN257	108

DIODE

SYMBOL NO.	INDEX NO.
D101	111
D102	112

IC

SYMBOL NO.	INDEX NO.
IC101	123
IC102	101
IC102	159
IC103	116
IC104	119
IC105	158
IC106	122
IC107	119
IC108	118
IC109	118

SYMBOL NO.	INDEX NO.
IC110	121
IC111	121
---	---
IC113	119
IC114	109
---	---
IC116	117
IC117	124
IC118	120
IC119	125

JP

SYMBOL NO.	INDEX NO.
JP101	147
JP102	147

LED

SYMBOL NO.	INDEX NO.
LED101	113
LED102	114
LED103	115

OSC

SYMBOL NO.	INDEX NO.
OSC101	127

Q

SYMBOL NO.	INDEX NO.
Q101	110

55.BCU BOARD (G148)

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.
R101	151	---	---	---	---	R131	156	R141	151	R151	148	---	---
R102	149	R112	155	R122	148	R132	151	R142	154	R152	148	R162	151
R103	149	R113	155	R123	154	R133	156	R143	151	R153	148	R163	151
R104	149	R114	151	R124	154	R134	154	R144	154	R154	148	---	---
R105	151	---	---	R125	150	R135	150	---	---	R155	152	---	---
---	---	---	---	---	---	R136	151	---	---	R156	151	---	---
R107	153	R117	151	---	---	R137	155	R147	148	R157	151	---	---
R108	150	R118	155	R128	151	R138	150	R148	148	---	---	R168	150
---	---	R119	155	R129	150	R139	151	R149	148	R159	151	R169	151
---	---	R120	149	R130	156	---	---	R150	148	---	---	R170	150

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	151	R181	148	---	---
R172	150	R182	148	R192	150
---	---	R183	148	R193	151
---	---	R184	148	R194	151
---	---	R185	155	R195	151
---	---	R186	155	R196	155
R177	148	---	---	R197	150
R178	148	R188	150	R198	154
R179	148	---	---		
R180	148	R190	150		

REG

SYMBOL NO.	INDEX NO.
REG101	126

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN101	144	---	---	RN121	128
RN102	144	RN112	128	RN122	143
RN103	146	---	---	RN123	143
RN104	146	---	---	RN124	144
RN105	146	---	---	RN125	144
RN106	143	RN116	143	RN126	143
RN107	144	RN117	143	---	---
RN108	143	---	---	---	---
RN109	143	RN119	128	---	---
---	---	RN120	129	RN130	145

55.BCU BOARD (G148)

RN

SYMBOL NO.	INDEX NO.
RN131	145
RN132	145
RN133	145
RN134	144
RN135	144
---	---
---	---
RN138	143

55.BCU BOARD (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G148 5125	PCB:BCU	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1407 6380	EEPROM - BR24I08-W	
102	1102 6297	Connector - 4P	
103	1102 7699	Connector - TX24-50R-LT-N1	
104	1102 8091	Connector - 53505-4010	
105	1102 8474	Connector - 5 P	
106	1102 8475	Connector - 11P	
107	1102 8487	Connector - 55451-2610	
108	1103 3427	Connector:FH12-49S-0.5SV(89)	
109	1104 0764	IC Socket - 8 PIN	
110	1400 0795	Transistor - 2SC4617	
111	1402 1336	Diode - 1SS355	
112	1402 1565	Diode - RB	
113	1403 0953	LED - SML-310MT	
114	1403 0978	LED - SML-310DT	
115	1403 0996	LED - SML-310VT	
116	1407 5366	IC - 74LVC08A TSSOP	
117	1407 5392	IC:SN74LV541APW	
118	1407 5463	IC - SN74LV245APW	
119	1407 5469	IC - SN74LV07APW	
120	1407 5511	IC - SN74LVC14APW	
121	1407 5633	IC - SN74LV574APW	
122	1407 6166	IC - ESOC	
123	1408 1730	IC - MM1096BF	
124	1408 1736	Operational Amplifier:LMV358MM	
125	1408 1779	IC - R3112Q281A	
126	1408 1818	Series Regulator - LM1117MP-1.8	
127	1503 1215	Crystal Oscillator - 17.5Mhz	
128	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
129	1601 7781	Resistor - 10 Ω $\pm$ 5%	
130	1604 4894	Capacitor:100uf: $\pm$ 20%:16V	
131	1605 1202	Capacitor - 15pF $\pm$ 5% 50V	
132	1605 1206	Capacitor - 47pF $\pm$ 5% 50V	
133	1605 1208	Capacitor:100pF: $\pm$ 5%:50V	
134	1605 1212	Capacitor - 470pF $\pm$ 10% 50V	
135	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	

56.IPU BOARD (G148)

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	177	C11	177	C21	188	C31	188	C41	179	C51	181	C61	187
C2	187	C12	177	C22	152	C32	187	C42	177	C52	177	C62	183
C3	187	C13	177	---	---	C33	188	C43	143	C53	177	C63	188
---	---	C14	177	C24	179	C34	183	C44	188	C54	184	C64	183
C5	177	C15	177	C25	181	C35	183	C45	188	C55	188	C65	187
C6	177	C16	177	C26	181	C36	187	C46	145	C56	188	C66	188
C7	177	---	---	C27	187	C37	188	C47	188	C57	184	C67	186
C8	177	---	---	C28	183	C38	183	C48	184	C58	183	---	---
C9	177	C19	188	C29	188	C39	188	C49	184	C59	188	C69	177
C10	177	C20	188	C30	187	C40	183	C50	181	C60	183	C70	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.
C71	187	C191	187	---	---	C261	176	C301	139	C311	183	C321	188
C72	187	C192	187	---	---	---	---	C302	188	C312	139	C322	183
C73	188	---	---	---	---	---	---	---	---	C313	187	C323	139
---	---	---	---	---	---	---	---	---	---	C314	188	C324	188
---	---	---	---	---	---	C295	140	---	---	C315	188	C325	183
C76	188	---	---	---	---	C296	188	---	---	C316	183	---	---
---	---	---	---	---	---	---	---	C307	188	C317	139	---	---
---	---	C198	188	C258	182	---	---	C308	183	C318	188	---	---
---	---	---	---	C259	182	C299	188	C309	139	C319	183	---	---
C190	187	---	---	C260	182	C300	183	C310	188	---	---	---	---

56.IPU BOARD (G148)

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	188	C361	188	---	---	C381	180	---	---	C421	177
---	---	C352	183	C362	136	---	---	C382	180	C392	180	---	---
---	---	---	---	C363	183	---	---	C383	180	C393	180	C423	188
---	---	---	---	C364	188	---	---	C384	180	C394	180	C424	187
C345	188	---	---	C365	183	---	---	C385	180	C395	180	C425	183
C346	183	---	---	C366	188	---	---	---	---	C416	142	---	---
C347	188	---	---	C367	183	---	---	---	---	C417	187	---	---
C348	183	---	---	C368	188	C378	180	---	---	---	---	---	---
C349	188	C359	185	C369	183	C379	180	---	---	---	---	---	---
C350	183	C360	136	C370	188	C380	180	---	---	C420	178	---	---

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.
---	---	C461	187	C471	188	C481	183	C491	188	C501	183	C511	183
---	---	---	---	C472	187	C482	188	C492	183	C502	188	C512	188
---	---	---	---	C473	187	C483	183	C493	183	C503	188	C513	188
---	---	C464	188	C474	187	C484	188	C494	188	C504	183	C514	183
C455	187	C465	187	C475	187	C485	188	C495	188	C505	183	C515	183
C456	188	C466	183	---	---	C486	183	C496	183	C506	188	C516	188
C457	187	C467	183	---	---	C487	188	C497	188	C507	183	C517	183
C458	187	C468	188	---	---	C488	188	C498	188	C508	183	C518	183
C459	183	C469	139	C479	183	C489	183	C499	183	C509	188	C519	188
C460	183	C470	139	C480	183	C490	183	C500	188	C510	188	C520	188

56.IPU BOARD (G148)

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.
C521	183	C531	137	---	---	---	---	C561	136	C901	188	C911	188
C522	188	C532	188	---	---	---	---	---	---	C902	188	C912	188
C523	188	C533	137	C543	188	---	---	---	---	C903	188	C913	188
C524	183	C534	188	C544	187	---	---	---	---	C904	188	C914	188
C525	183	C535	138	C545	183	---	---	---	---	C905	188	C915	188
C526	188	---	---	---	---	---	---	---	---	C906	188	---	---
C527	188	---	---	---	---	---	---	---	---	C907	188	---	---
C528	188	---	---	---	---	---	---	---	---	C908	188	---	---
C529	188	---	---	C549	188	---	---	---	---	C909	188	---	---
C530	188	---	---	---	---	C560	144	C900	188	C910	188	C920	188

CAPACITOR

SYMBOL NO.	INDEX NO.
C921	188
C922	188
C923	188
C924	188
C925	188
C926	141
C927	141
C928	141
C929	141
C930	141

SYMBOL NO.	INDEX NO.
C931	141
C932	141
C933	141

CONNECTOR

SYMBOL NO.	INDEX NO.
CN340	107
---	---
---	---
CN343	106
CN344	104
---	---
CN346	102
CN347	103
CN348	101
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
CN353	105
CN354	105

DIODE

SYMBOL NO.	INDEX NO.
D100	111

FIL

SYMBOL NO.	INDEX NO.
---	---
---	---
FIL3	146
FIL4	146
FIL5	146
FIL6	146
FIL7	148
FIL8	148
FIL9	148
FIL10	148

SYMBOL NO.	INDEX NO.
FIL11	148
FIL12	148
FIL13	148
FIL14	148
---	---
---	---
---	---
FIL129	146
---	---

SYMBOL NO.	INDEX NO.
FIL131	147
FIL132	146
FIL133	146
FIL134	146
FIL135	146
FIL136	146
FIL137	146
FIL138	146
FIL139	146
FIL140	146

56.IPU BOARD (G148)

FIL

SYMBOL NO.	INDEX NO.
FIL141	146
FIL142	146
FIL143	146
FIL144	146
FIL145	146
FIL146	146
FIL147	146

IC

SYMBOL NO.	INDEX NO.
IC1	125
IC2	115
IC3	113
IC4	116
---	---
IC6	120
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
IC103	2
IC104	1
---	---
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
IC111	189
IC112	189
IC113	189
IC114	189
IC115	189
IC116	189
IC117	189
IC118	189
---	---
IC120	115

SYMBOL NO.	INDEX NO.
IC121	117
IC122	117
IC123	112
IC124	112
IC125	126
---	---
---	---
---	---
IC129	114
---	---

SYMBOL NO.	INDEX NO.
---	---
IC132	118
IC133	119
IC134	123
IC135	121

JP

SYMBOL NO.	INDEX NO.
JP102	151
JP103	149
---	---
JP135	151
JP136	151
---	---
---	---
---	---
---	---
---	---

JP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
JP146	149
---	---
JP158	151

OSC

SYMBOL NO.	INDEX NO.
OSC1	127
OSC102	128

Q

SYMBOL NO.	INDEX NO.
Q1	110
Q2	108
---	---
---	---
Q5	109

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
R4	154
---	---
---	---
R7	150
R8	169
R9	150
R9	169
R10	169

SYMBOL NO.	INDEX NO.
R11	169
R12	169
R13	169
R14	155
R15	167
R16	167
R17	164
R18	167
---	---
R20	155

SYMBOL NO.	INDEX NO.
R21	167
R22	175
R23	155
R24	155
R25	167
R26	173
R27	168
R28	164
R29	155
R30	155

SYMBOL NO.	INDEX NO.
R31	155
R32	163
R33	168
R34	155
R35	154
R36	164
R37	167
R38	167
R39	151
R40	164

SYMBOL NO.	INDEX NO.
---	---
---	---
R43	170
R44	151
R45	155
R46	165
R47	165
R48	165
R49	165
R50	151

56.IPU BOARD (G148)

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.
R51	167	---	---	---	---	---	---	---	---	R101	164	R211	153
R52	167	---	---	R72	155	---	---	---	---	---	---	R212	154
---	---	---	---	R73	167	---	---	---	---	R123	154	R213	153
---	---	R64	167	---	---	R84	155	---	---	---	---	---	---
R55	151	R65	151	---	---	R85	161	---	---	---	---	---	---
---	---	---	---	---	---	R86	161	R96	161	---	---	---	---
R57	157	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	R69	155	---	---	---	---	---	---	R209	154	---	---
---	---	R70	155	---	---	---	---	---	---	R210	153	R220	154

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.
R221	154	---	---	R271	154	---	---	R291	162	R341	155	---	---
R252	159	R262	164	---	---	---	---	---	---	R342	155	R352	155
R253	160	R263	155	---	---	---	---	---	---	---	---	---	---
R254	161	---	---	---	---	R284	156	---	---	R344	154	---	---
R255	161	R265	154	R275	154	---	---	R295	164	R345	167	---	---
---	---	---	---	R276	167	---	---	R296	164	---	---	---	---
R257	161	---	---	---	---	---	---	R297	164	R347	155	---	---
R258	166	R268	164	---	---	---	---	R298	164	---	---	---	---
R259	154	R269	164	---	---	R289	174	R299	164	R349	155	---	---
R260	164	R270	166	---	---	R290	173	---	---	---	---	R360	169

56.IPU BOARD (G148)

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.
R361	164	R371	155	R381	153	R391	169	---	---	---	---	R431	155
---	---	---	---	R382	153	---	---	R402	153	---	---	---	---
R363	169	R373	164	R383	169	---	---	---	---	R423	156	---	---
---	---	---	---	R384	166	---	---	---	---	R424	171	---	---
---	---	R375	155	R385	164	---	---	---	---	R425	172	---	---
---	---	R376	169	R386	169	---	---	R406	167	---	---	---	---
R367	158	R377	166	R387	169	R397	169	---	---	---	---	---	---
R368	158	R378	164	R388	169	---	---	R408	167	R428	154	---	---
R369	166	R379	169	R389	169	---	---	R409	167	---	---	---	---
R370	155	R380	153	R390	153	R400	154	R410	167	R430	155	---	---

REG

SYMBOL NO.	INDEX NO.
REG101	122
---	---
REG103	124

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.
RN1	129	---	---	RN101	129	---	---	RN201	133	RN211	132
RN2	129	---	---	---	---	---	---	RN202	133	RN212	132
RN3	129	---	---	---	---	RN173	129	---	---	RN213	132
---	---	---	---	---	---	RN174	129	RN204	133	RN214	132
---	---	---	---	---	---	RN175	129	---	---	RN215	132
---	---	---	---	---	---	---	---	---	---	---	---
RN26	129	---	---	---	---	---	---	RN207	132	RN216	132
RN27	129	---	---	---	---	---	---	RN208	132	RN217	132
RN28	129	---	---	RN168	129	RN198	133	RN209	132	RN218	134
RN29	129	---	---	RN169	129	RN199	133	RN210	132	RN219	129
RN30	129	RN100	129	---	---	RN200	133	---	---	RN220	133

SYMBOL NO.	INDEX NO.
RN221	133
RN222	133
RN223	133
RN224	133
RN225	133
---	---
RN226	133
RN227	133
RN228	133
RN229	133
RN230	133

56.IPU BOARD (G148)

RN

SYMBOL NO.	INDEX NO.
RN231	133
RN232	133
RN233	133
RN234	133
RN235	133
RN236	133
RN237	133
RN238	133
RN239	133
RN240	133

SYMBOL NO.	INDEX NO.
RN241	133
RN242	133
RN243	133
RN244	133
RN245	133
RN246	133
RN247	133
RN248	133
RN249	133
RN250	133

SYMBOL NO.	INDEX NO.
RN251	133
RN252	135
RN253	135
RN254	135
RN255	135
RN256	135
RN257	135
RN258	135
RN259	135
RN260	135

SYMBOL NO.	INDEX NO.
RN261	135
RN262	135
RN263	135
RN264	130
RN265	130
RN266	130
RN267	130
RN268	130
RN289	131
RN290	131

SYMBOL NO.	INDEX NO.
RN291	131
RN292	131
RN293	134
RN294	134
RN295	134
RN296	134
RN297	134
RN298	134
RN299	130
RN300	130

SYMBOL NO.	INDEX NO.
RN301	130

56.IPU BOARD (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G148 5141	PCB:IPU	1
1	B065 5147	IC - CDIC3	1
2	B065 5158	IC - RF5C608	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 6600	Connector - 8P	
102	1102 7626	Connector - TX25-80P-LT-N1	
103	1102 8091	Connector - 53505-4010	
104	1102 8716	Connector:55450-1880	
105	1103 3167	Connector:FH12-28S-0.5SH(89)	
106	1103 3480	Connector:55450-1380	
107	1103 3537	Connector:292212-7	
108	1400 0810	Transistor - DTC114EUA	
109	1400 0948	Transistor:DTC143ZE	
110	1401 1202	Fet - HAT1023R	
111	1402 1503	Diode - 1SS400	
112	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
113	1407 5347	IC - SN74LV08APW	
114	1407 5350	IC - SN74LV00APW	
115	1407 5351	IC - SN74LV14APW	
116	1407 5367	IC - 74LVC74A	
117	1407 5469	IC - SN74LV07APW	
118	1407 5709	IC - MK1705A	
119	1407 5742	IC - ICS553MI	
120	1407 6187	CMOS Logic - SN74LVC1G07DCK	
121	1407 6205	CMOS Logic - SN74LVC1G06DCK	
122	1408 1508	Series Regulator - PQ07VZ012Z	
123	1408 1538	IC - M62032AFP	
124	1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	
125	1408 1790	IC - R3112Q301A	
126	1408 2007	Operational Amplifier:LM324PW	
127	1503 0885	Crystal Oscillator - 10Mhz	
128	1503 1089	Oscillator - 85.2Mhz	
129	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
130	1601 7898	Resistor Array	
131	1601 7900	Resistor Array - 0 Ω $\pm$ 5%	
132	1601 7914	Resistor Array - 47 Ω $\pm$ 5%	
133	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
134	1601 7959	Resistor	
135	1601 7981	Resistor Array - 100K Ω $\pm$ 5% 1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1604 4848	Capacitor - 100μF±20% 10V	
137	1604 4987	Capacitor - 330μF±20% 6.3V	
138	1604 5082	Capacitor - 330μF±20% 10V	
139	1605 0976	Capacitor - 1μF+80% -20% 10V	
140	1605 1181	Capacitor - 10μF+80-20% 10V	
141	1605 1221	Capacitor - 0.1 UF+80-20%16V	
142	1605 1224	Capacitor 4.7μF±10% 6.3V	
143	1605 1281	Capacitor - 0.22μF±10% 16V	
144	1605 1406	Capacitor - 10μF±10% 6.3V	
145	1605 1606	Capacitor:0.33uf:±10%:16V	
146	1607 0861	Filter - BK2125HS101	
147	1607 1061	Filter - BLM11P300SPB	
148	1607 1345	Filter:BLM18HG601SN1B	
149	1610 1218	Resistor	
150	1633 0000	Resistor - 0 Ω 1/10W	
151	1634 0000	Resistor - 0 Ω 1/16W	
152	1644 0220	Capacitor - 22μF±20% 10V	
153	1650 4100	Resistor - 10Ω ±5% 1/10W	
154	1650 4102	Resistor - 1KΩ ±5% 1/10W	
155	1650 4103	Resistor - 10KΩ ±5% 1/10W	
156	1650 4104	Resistor - 100KΩ±5%1/10W	
157	1650 4105	Resistor - 1MΩ ±5% 1/10W	
158	1650 4150	Resistor - 15Ω ±5% 1/10W	
159	1650 4200	Resistor - 20Ω ±5% 1/10W	
160	1650 4202	Resistor - 2KΩ±5%1/10W	
161	1650 4220	Chip Resistor - 22Ω ±5% 1/10W	
162	1650 4222	Resistor - 2.2KΩ±5%1/10W	
163	1650 4242	Resistor - 2.4K Ω ±5% 1/10W 1608	
164	1650 4330	Chip Resistor - 33Ω ±5% 1/10W	
165	1650 4331	Resistor - 330Ω±5%1/10W	
166	1650 4470	Resistor - 47Ω±5%1/10W	
167	1650 4472	Resistor - 4.7KΩ ±5% 1/10W	
168	1650 4511	Resistor - 510Ω±5%1/10W	
169	1650 4680	Resistor - 68Ω±5%1/10W	
170	1650 4750	Resistor - 75Ω±5%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1653 3309	Resistor - 33Ω ±1% 1/8W	
172	1653 7509	Resistor - 75Ω ±1% 1/8W	
173	1654 1001	Resistor - 1KΩ±1%1/10W	
174	1654 4420	Resistor 442Ω ±1% 1/10W 1608	
175	1654 4990	Resistor - 499Ω ±1% 1/10W	
176	1660 0100	Capacitor - 10PF ±0.5pF 50V	
177	1660 2101	Capacitor - 100pF - ±10% - 50V	
178	1660 2221	Capacitor - 220pF +80-20% 50V	
179	1660 2270	Capacitor - 27pF ±20% 35V	
180	1660 2330	Capacitor - 33pF - ±5% - 50V	
181	1660 2331	Capacitor - 330pF ±5% 50V	
182	1660 2470	Capacitor - 47pF ±5% 50V	
183	1660 2471	Capacitor - 470pF - ±5% - 50V	
184	1660 4102	Capacitor - 1000pF ±10% 50V	
185	1660 4103	Capacitor - 10000pF - ±10% - 50V	
186	1660 4222	Capacitor - 2200pF - ±10% - 50V	
187	1660 6103	Capacitor - 10000pF - +80%-20%50V	
188	1660 8104	Capacitor - 0.1μF+80-20% 25V	
189	1907 0013	SDRAM:256M:4Mx16x4:133Mhz:G1	

57.CONTROL BOARD (G148)

BAT

SYMBOL NO.	INDEX NO.
BAT1	114

CAPACITOR

SYMBOL NO.	INDEX NO.
---	---
C2	197
C3	168
C4	189
C5	189
C6	193
C7	199
C8	199
C9	168
C10	189

SYMBOL NO.	INDEX NO.
C11	193
C12	199
C13	199
C14	199
C15	199
C16	199
C17	199
C18	193
C19	193
C20	197

SYMBOL NO.	INDEX NO.
C21	199
---	---
C23	185
C24	187
C25	177
C26	185
C27	180
C28	189
C29	189
C30	199

SYMBOL NO.	INDEX NO.
C31	176
C32	175
C33	199
C34	199
C35	187
C36	169
C37	185
C38	199
C39	207
C40	183

SYMBOL NO.	INDEX NO.
C41	199
C42	185
C43	169
C44	193
C45	184
C46	185
C47	199
C48	193
C49	169
C50	187

SYMBOL NO.	INDEX NO.
C51	187
C52	187
C53	187
C54	198
C55	186
C56	199
C57	197
C58	197
C59	197
C60	199

CAPACITOR

SYMBOL NO.	INDEX NO.
C61	199
C62	184
C63	187
C64	187
C65	187
C66	196
C67	190
---	---
C69	187
C70	187

SYMBOL NO.	INDEX NO.
C71	187
C72	187
C73	187
C74	187
C75	197
C76	187
C77	187
C78	187
C79	187
C80	187

SYMBOL NO.	INDEX NO.
C81	187
C82	187
C83	187
C84	187
C85	189
C86	199
---	---
C88	189
C89	199
C90	170

SYMBOL NO.	INDEX NO.
C91	192
C92	190
C93	187
---	---
C95	187
C96	197
C97	200
C98	193
C99	193
C100	193

SYMBOL NO.	INDEX NO.
C101	187
C102	187
C103	187
C104	187
C105	187
C106	187
C107	200
C108	197
C109	197
C110	197

SYMBOL NO.	INDEX NO.
C111	199
C112	199
C113	197
C114	170
C115	199
C116	199
C117	170
C118	187
C119	187
---	---

SYMBOL NO.	INDEX NO.
C121	171
C122	187
C123	169
C124	169
C125	169
C126	169
C127	169
C128	169
C129	169
C130	169

57.CONTROL BOARD (G148)

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.
C131	182	C141	187	C151	180	C161	174	C171	185	C181	187	C191	199
C132	182	C142	187	C152	195	C162	199	C172	196	C182	197	C192	199
C133	171	C143	179	C153	182	C163	199	C173	196	C183	187	C193	188
C134	171	C144	197	C154	182	---	---	C174	207	C184	199	C194	187
C135	203	C145	199	C155	185	C165	187	C175	169	C185	199	C195	187
C136	180	C146	197	C156	185	---	---	C176	199	C186	199	C196	187
C137	169	C147	199	C157	185	C167	185	C177	185	C187	199	C197	187
C138	169	C148	199	C158	199	C168	199	C178	196	C188	199	C198	187
C139	169	C149	197	C159	199	C169	169	C179	187	C189	199	C199	171
C140	187	C150	180	C160	174	C170	193	C180	197	C190	199	C200	199

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	185	C211	185	C221	205	---	---	C241	205	C251	199	C261	185
C202	185	C212	185	C222	205	C232	173	---	---	C252	189	C262	310
C203	187	---	---	C223	200	---	---	---	---	---	---	C263	185
C204	187	C214	187	---	---	---	---	C244	193	---	---	C264	187
C205	171	C215	187	---	---	C235	193	C245	205	C255	199	C265	185
C206	199	C216	187	C226	200	C236	193	---	---	C256	199	C266	185
C207	185	C217	187	C227	169	C237	195	C247	197	C257	199	---	---
C208	185	C218	198	C228	190	C238	195	C248	197	C258	199	C268	197
C209	171	C219	168	C229	205	---	---	C249	197	C259	185	---	---
C210	199	C220	205	C230	169	---	---	C250	197	C260	202	C270	169

57.CONTROL BOARD (G148)

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	172	C291	172	C301	187	---	---	C321	187	C331	187
C272	187	C282	172	C292	187	C302	169	C312	185	C322	187	C332	187
C273	197	C283	187	C293	172	C303	187	C313	199	C323	187	C333	187
C274	187	C284	197	C294	187	C304	187	C314	187	C324	187	C334	187
C275	187	C285	187	C295	187	C305	169	C315	187	C325	187	C335	187
C276	197	C286	172	C296	197	C306	197	C316	185	---	---	C336	187
C277	187	---	---	C297	187	C307	195	C317	185	---	---	C337	172
C278	187	C288	187	C298	187	C308	194	C318	199	C328	193	C338	172
C279	197	C289	187	C299	187	C309	179	C319	199	C329	207	C339	172
C280	187	C290	197	C300	197	C310	181	C320	199	C330	187	C340	172

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.
C341	172	C351	172	C361	172	C371	187	C382	199	C391	169	C401	199
C342	172	C352	187	C362	187	C372	169	C383	199	C392	187	C402	199
C343	187	C353	172	C363	187	---	---	C384	197	C393	197	C403	199
C344	172	C354	187	C364	187	---	---	C385	197	C394	187	C404	199
C345	172	C355	172	C365	187	C375	197	---	---	C395	169	C405	171
C346	187	C356	172	C366	187	C376	197	C386	187	---	---	C406	171
C347	197	C357	172	C367	187	C377	199	C387	172	C396	193	C407	199
C348	187	C358	172	C368	206	C378	199	C387	169	C397	193	C408	197
C349	197	C359	172	C369	187	---	---	C388	187	C398	187	C409	197
C350	172	C360	172	C370	187	---	---	C389	187	C399	187	C410	171
								C390	187	C400	199		

57.CONTROL BOARD (G148)

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.
C411	199	C421	187	C431	187	C441	187	C451	187	C461	197
C412	199	C422	197	C432	187	C442	187	C452	201	C462	197
C413	171	C423	187	C433	187	C443	187	C453	201	C463	199
C414	199	C424	187	C434	187	C444	187	C454	201	---	---
C415	199	C425	197	C435	187	C445	197	C455	187	C465	197
C416	197	C426	187	C436	197	C446	187	C456	187	C466	187
C417	197	C427	199	C437	197	C447	187	C457	187	C467	197
C418	197	C428	199	C438	187	C448	187	C458	187	C468	187
C419	197	C429	187	C439	187	C449	187	C459	187	C469	187
C420	187	C430	187	C440	197	C450	187	C460	187	C470	187
										C471	187
										C472	187
										C473	187
										C474	187
										C475	187
										C476	187
										C477	187
										C478	187
										C479	187
										C480	199

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.
C481	187	C491	187	---	---	C511	179	C521	187	C531	187
C482	171	C492	199	C502	197	C512	187	C522	187	C532	201
C483	187	C493	187	C503	197	C513	187	C523	197	C533	197
C484	187	C494	199	C504	199	C514	187	C524	197	C534	187
C485	197	C495	187	C505	199	C515	187	C525	201	C535	187
C486	187	C496	197	C506	190	C516	179	C526	187	C536	187
---	---	C497	187	C507	197	C517	187	C527	187	C537	187
C488	187	C498	197	---	---	C518	187	C528	187	C538	187
C489	187	C499	187	C509	187	C519	187	C529	187	C539	187
C490	178	C500	187	C510	201	C520	187	C530	187	C540	201
										C541	201
										C542	184
										C543	187
										C544	187
										C545	187
										C546	187
										C547	187
										C548	184
										---	---
										C550	187

57.CONTROL BOARD (G148)

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.
C551	199	C561	187	C571	199	C581	187	C591	187	C601	178
C552	187	C562	187	C572	169	C582	191	C592	178	C602	187
C553	187	C563	187	C573	178	C583	187	C593	187	C603	187
C554	187	C564	187	C574	187	C584	187	C594	187	C604	169
C555	187	C565	187	C575	187	C585	197	---	---	---	---
C556	187	---	---	C576	178	C586	200	C596	187	C606	187
C557	187	C567	187	C577	187	---	---	C597	187	C607	201
C558	187	C568	187	C578	187	C588	187	C598	187	C608	199
C559	187	C569	187	C579	178	C589	187	C599	187	C609	199
C560	187	C570	199	C580	178	C590	187	C600	197	C610	199
										C611	187
										C612	199
										C613	199
										C614	199
										C615	187
										C616	199
										C617	199
										C618	187
										C619	187
										C620	201

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.
C621	187	C631	169	C641	199	C651	199	C661	200	C671	170
C622	187	C632	199	C642	197	C652	198	---	---	C672	170
C623	187	C633	185	C643	197	C653	199	C663	187	C673	170
C624	200	---	---	C644	197	C654	198	C664	187	C674	204
---	---	C635	193	C645	197	C655	199	---	---	C675	204
---	---	C636	169	C646	197	C656	198	C666	187	CONNECTOR	
---	---	C637	199	C647	197	C657	187	C667	187		
---	---	C638	185	C648	198	C658	197	C668	187	SYMBOL NO.	INDEX NO.
C629	199	C639	199	C649	199	C659	197	C669	187	CN520	102
C630	193	C640	198	C650	198	C660	197	---	---	CN521	102
										---	---
										CN530	106
										---	---
										CN532	101

CONNECTOR

57.CONTROL BOARD (G148)

DIODE

SYMBOL NO.	INDEX NO.
D1	133
D2	133
D3	130
D4	134
D5	134
D6	134
D7	134
D8	134
D9	132
D10	133

SYMBOL NO.	INDEX NO.
D11	133
---	---
D13	135
---	---
D15	135
---	---
---	---
D18	131

FIL

SYMBOL NO.	INDEX NO.
FIL1	209
---	---
FIL3	209
---	---
FIL5	211

FUSE

SYMBOL NO.	INDEX NO.
FU1	109

IC

SYMBOL NO.	INDEX NO.
IC1	138
IC2	155
IC3	157
IC4	155
IC5	146
IC6	143
IC7	144
IC8	139
IC9	144
IC10	142

SYMBOL NO.	INDEX NO.
IC11	140
---	---
IC13	156
IC14	158
IC15	140
---	---
---	---
IC18	150
IC19	142
IC20	146

SYMBOL NO.	INDEX NO.
IC21	154
IC22	141
IC23	151
IC24	158
IC25	156
IC26	152
IC27	146
IC28	146
IC29	2
---	---

IC

SYMBOL NO.	INDEX NO.
IC31	160
IC32	139
---	---
IC34	148
---	---
IC36	147
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
IC41	149
IC42	141
IC43	145
IC44	145
IC45	141
IC46	159
IC47	159
IC48	158
---	---
---	---

JP

SYMBOL NO.	INDEX NO.
JP1	219
JP2	219
JP3	219
JP4	219
JP5	257
JP6	257
JP7	257
JP8	257
JP9	257
JP10	257

SYMBOL NO.	INDEX NO.
---	---
JP12	257
JP13	219
JP14	219
JP15	219
JP16	219
---	---
---	---
JP19	257

L

SYMBOL NO.	INDEX NO.
L1	210
L2	212
L3	210
L4	213
L5	214
L6	208

LED

SYMBOL NO.	INDEX NO.
LED1	137
LED2	137
LED3	137
LED4	137
LED5	137
LED6	137
LED7	137
LED8	137
LED9	137
LED10	136

OSC

SYMBOL NO.	INDEX NO.
OSC1	161
OSC2	163
OSC3	162

57.CONTROL BOARD (G148)

Q

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.
Q1	128	Q11	129	Q21	121	Q31	126	---	---	---	---	R11	257
Q2	119	---	---	Q22	121	---	---	---	---	---	---	R12	224
Q3	119	Q13	123	Q23	118	---	---	Q44	118	---	---	---	---
Q4	122	Q14	126	Q24	117	---	---	Q45	115	R4	224	R14	239
Q5	121	Q15	127	Q25	127	---	---	---	---	R5	239	R15	224
Q6	118	Q16	125	Q26	126	---	---	Q46	118	R6	239	R16	250
Q7	118	Q17	120	Q27	127	Q37	118	Q47	129	R7	267	R17	223
Q8	118	---	---	Q28	124	---	---	---	---	R8	258	R18	224
Q9	121	---	---	Q29	124	Q39	115	---	---	R9	246	R19	224
Q10	116	Q20	116	Q30	127	---	---	---	---	R10	246	R20	224

RESISTOR

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	255	R41	257	R51	257	R61	255	R71	239	R81	239
---	---	R32	239	R42	224	R52	257	R62	255	R72	239	R82	224
R23	224	R33	224	R43	224	R53	257	R63	255	R73	239	R83	224
R24	246	R34	239	---	---	R54	255	R64	255	---	---	R84	224
R25	224	R35	255	R45	254	R55	239	---	---	R75	221	R85	224
R26	255	R36	224	R46	239	R56	239	R66	221	R76	239	R86	224
R27	246	R37	255	R47	224	R57	239	---	---	---	---	R87	224
R28	224	R38	226	R48	257	R58	239	R68	221	R78	221	---	---
R29	224	R39	226	R49	257	R59	255	R69	239	R79	224	R89	257
R30	255	R40	255	R50	257	R60	255	R70	239	R80	224	---	---

57.CONTROL BOARD (G148)

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.
R91	224	R101	255	R111	255	R121	224	R131	239	R141	221	R151	234
R92	246	R102	255	R112	255	R122	224	---	---	R142	224	R152	234
---	---	R103	223	R113	224	R123	224	---	---	R143	221	R153	234
---	---	R104	246	R114	249	R124	239	R134	224	R144	257	R154	234
R95	255	R105	241	R115	249	R125	224	---	---	R145	221	R155	244
R96	255	R106	255	R116	249	R126	239	R136	224	R146	234	R156	244
R97	255	R107	236	---	---	R127	260	R137	224	R147	234	R157	221
R98	255	R108	255	---	---	R128	257	R138	221	R148	234	R158	221
R99	255	R109	255	R119	224	R129	239	---	---	R149	234	R159	224
R100	255	R110	255	R120	224	R130	239	R140	224	R150	234	R160	224

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.
R161	224	R171	222	R181	224	---	---	R201	224	R211	257	R221	257
R162	224	R172	223	R182	224	R192	257	R202	224	R212	224	R222	224
R163	246	R173	223	R183	224	R193	239	R203	224	R213	224	R223	277
R164	246	R174	224	R184	223	R194	239	R204	224	R214	224	R224	262
R165	239	R175	223	R185	224	---	---	R205	234	R215	224	R225	299
R166	239	R176	223	---	---	---	---	R206	234	R216	221	R226	261
R167	239	R177	223	R187	224	---	---	R207	234	R217	221	R227	229
R168	239	R178	220	R188	224	---	---	R208	234	R218	221	R228	230
R169	239	R179	220	R189	225	---	---	R209	234	R219	257	R229	223
R170	224	R180	224	---	---	R200	224	R210	257	R220	257	R230	223

57.CONTROL BOARD (G148)

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.
R231	290	R241	290	R251	224	---	---	R271	222	R281	237	R291	224
R232	303	R242	284	---	---	---	---	R272	239	R282	237	R292	222
R233	290	R243	297	R253	257	---	---	---	---	R283	237	R293	222
R234	297	---	---	R254	257	---	---	---	---	R284	275	---	---
R235	297	R245	257	R255	225	---	---	R275	275	R285	275	R295	224
R236	297	R246	284	R256	225	---	---	R276	237	---	---	---	---
R237	297	R247	255	R257	225	---	---	R277	237	---	---	---	---
R238	297	R248	284	R258	224	---	---	R278	237	---	---	R298	222
R239	284	R249	224	R259	222	---	---	R279	237	---	---	R299	222
R240	284	R250	273	R260	224	---	---	R280	237	---	---	---	---

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.
---	---	R311	224	R321	291	R331	254	R341	230	R351	224	R361	224
---	---	---	---	R322	302	R332	248	R342	242	---	---	R362	224
---	---	R313	254	R323	284	R333	251	R343	242	R353	246	R363	224
R304	218	R314	254	R324	254	R334	299	R344	238	R354	255	R364	224
---	---	R315	257	R325	254	R335	238	R345	238	R355	257	R365	224
R306	225	R316	257	R326	254	R336	235	R346	299	R356	257	R366	224
R307	231	R317	239	R327	254	R337	247	R347	256	R357	259	R367	234
R308	232	R318	239	R328	254	R338	229	R348	256	R358	270	R368	234
R309	222	---	---	R329	254	R339	235	R349	224	R359	271	R369	234
R310	290	R320	302	R330	254	R340	224	---	---	---	---	R370	234

57.CONTROL BOARD (G148)

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.
R371	234	R381	224	R391	224	R401	309	R411	223	R421	307	R431	234
R372	234	R382	280	R392	224	R402	268	R412	223	R422	307	R432	221
R373	234	R383	224	R393	224	R403	229	R413	223	R423	248	R433	221
R374	234	R384	224	R394	224	R404	229	R414	272	R424	224	R434	246
R375	234	R385	224	R395	221	R405	263	R415	272	R425	224	---	---
R376	234	R386	224	R396	221	R406	309	R416	291	R426	224	R436	221
R377	224	R387	224	R397	221	R407	268	R417	305	R427	224	R437	221
R378	224	R388	224	R398	279	R408	223	R418	305	R428	224	R438	221
R379	224	R389	224	R399	283	R409	230	R419	240	R429	234	R439	265
R380	224	R390	224	R400	220	R410	230	R420	240	R430	234	R440	287

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.
R441	224	R451	234	R461	224	R471	299	R481	284	R491	255	R501	249
---	---	R452	234	---	---	R472	224	R482	309	---	---	R502	253
R443	246	R453	234	---	---	R473	224	R483	268	R493	255	R503	253
R444	224	R454	246	R464	246	R474	224	R484	257	---	---	R504	253
R445	224	R455	224	R465	246	R475	224	R485	278	R495	255	R505	253
R446	224	R456	275	R466	222	R476	223	R486	306	---	---	R506	239
R447	224	R457	225	R467	222	R477	291	R487	221	R497	255	R507	253
---	---	R458	223	R468	246	R478	284	R488	221	---	---	R508	239
R449	221	R459	221	R469	246	R479	302	R489	221	R499	255	R509	255
R450	234	R460	224	R470	222	R480	302	---	---	---	---	R510	253

57.CONTROL BOARD (G148)

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.
R511	255	R521	257	R531	255	R541	301	R551	282	R561	224	R571	255
R512	255	R522	286	R532	255	R542	268	R552	257	R562	224	R572	258
R513	255	R523	282	R533	255	R543	300	R553	276	R563	224	R573	264
R514	255	R524	222	R534	255	R544	258	R554	292	R564	224	R574	246
R515	255	R525	285	R535	255	R545	308	R555	282	R565	224	R575	282
R516	249	R526	295	R536	275	R546	294	R556	221	R566	224	R576	255
R517	239	R527	266	R537	224	R547	308	R557	221	R567	223	R577	282
---	---	R528	224	R538	224	R548	258	R558	221	R568	223	---	---
R519	282	R529	255	R539	305	---	---	R559	221	R569	224	R579	246
R520	257	---	---	R540	255	R550	296	R560	221	R570	255	R580	223

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.
R581	239	R601	239	---	---	R631	221	R641	259	R651	281	R661	239
R582	224	R602	239	---	---	R632	221	R642	293	---	---	R662	239
R583	223	R603	239	---	---	R633	221	R643	259	---	---	---	---
R584	255	R604	258	R624	215	R634	221	R644	259	R654	298	---	---
R585	255	R605	257	R625	217	R635	221	R645	259	R655	304	---	---
---	---	R606	257	R626	218	R636	221	R646	269	R656	304	R666	239
---	---	R607	224	R627	221	---	---	R647	269	R657	216	R667	239
---	---	---	---	R628	221	R638	224	R648	259	R658	239	R668	239
R599	239	R619	233	R629	221	---	---	---	---	R659	239	R669	239
R600	224	R620	233	R630	221	R640	224	R650	274	R660	239	R670	239

57.CONTROL BOARD (G148)

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	239	R681	239	---	---	R701	239	R711	224	---	---	---	---
R672	239	R682	239	---	---	R702	239	R712	224	R722	257	---	---
R673	239	R683	257	R693	243	R703	239	---	---	---	---	---	---
R674	239	---	---	R694	252	R704	224	---	---	R724	257	---	---
R675	239	R685	239	R695	255	R705	239	---	---	R725	221	---	---
R676	239	R686	239	R696	224	R706	224	R716	224	R726	221	---	---
R677	239	R687	239	R697	224	---	---	---	---	R727	221	---	---
R678	239	R688	239	R698	239	---	---	R718	257	R728	234	R738	224
R679	239	---	---	R699	239	R709	221	---	---	R729	221	R739	224
R680	239	---	---	R700	239	R710	224	---	---	---	---	R740	224

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.
R741	224	---	---	R761	257	R771	225	---	---	R791	221	---	---
R742	224	---	---	---	---	R772	239	R782	244	R792	221	---	---
R743	257	---	---	---	---	---	---	---	---	R793	221	R803	224
R744	235	---	---	---	---	R774	221	---	---	R794	221	R804	224
R745	235	---	---	R765	220	R775	221	R785	239	R795	224	R805	224
R746	245	---	---	R766	220	---	---	---	---	R796	224	---	---
R747	257	---	---	R767	220	---	---	---	---	---	---	R807	220
R748	235	---	---	R768	225	---	---	R788	239	---	---	R808	224
R749	235	R759	224	---	---	R779	228	R789	234	---	---	R809	224
R750	245	R760	224	---	---	---	---	R790	234	---	---	R810	224

57.CONTROL BOARD (G148)

RESISTOR

SYMBOL NO.	INDEX NO.
R811	224
R812	223
R813	223

REG

SYMBOL NO.	INDEX NO.
REG1	153

RN

SYMBOL NO.	INDEX NO.
RN1	165
RN2	165
RN3	165
RN4	165
RN5	165
RN6	165
RN7	165
RN8	165
RN9	165
RN10	167

SYMBOL NO.	INDEX NO.
RN11	167
RN12	167
RN13	165
RN14	165
RN15	165
RN16	167
RN17	166
RN18	166
RN19	166
RN20	166

SYMBOL NO.	INDEX NO.
RN21	166
RN22	166
RN23	166
RN24	166
RN25	166
---	---
---	---
RN28	167
RN29	167
RN30	167

SYMBOL NO.	INDEX NO.
RN31	167
RN32	164
RN33	164

SW

SYMBOL NO.	INDEX NO.
SW1	113
SW2	111
SW3	112
SW4	110
SW5	110

57.CONTROL BOARD (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G148 5112	PCB:CTL	1
2	G133 5760	ASIC:QUENA2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 7615	Connector - B8B-XH-A	
102	1102 8832	Connector - DM-3D4-B3210	
103	1102 9079	Connector - RHM-88PL-SDK11-1	
104	1102 9336	Connector:FPS009-2300-0	
105	1102 9337	Connector:14016PS-JUK-G-B-1	
106	1102 9456	Connector - 20 5078 050 510 861	
107	1102 9686	Connector - RHM-176P-SDK11-U1L1C	
108	1102 9887	Connector:52588-3090	
109	1107 1095	Fuse - SST 2	
110	1204 1385	Push Switch	
111	1204 1422	Dip Switch - 51D-0401	
112	1204 1542	Dip Switch	
113	1204 1543	Dip Switch	
114	1206 0114	Primary Lithium Cell:CR2354/1F2	
115	1400 0715	Transistor - 2SB1197KR	
116	1400 0730	Transistor - 2SD1782K	
117	1400 0769	Transistor - 2SA1576A	
118	1400 0775	Transistor - 2SC4081	
119	1400 0810	Transistor - DTC114EUA	
120	1400 0981	Transistor - 2SC3052	
121	1401 0902	Fet:2SK1590	
122	1401 1181	Fet - 2SK2157-AZ	
123	1401 1192	Fet - 2SK764	
124	1401 1209	IC - HAT2093R	
125	1401 1228	Fet:SI3433DV-E3	
126	1401 1317	Fet - HAT2197R	
127	1401 1318	Fet - HAT2198R	
128	1401 1319	Fet - TPC8105-H	
129	1401 1320	Fet - TPC8107	
130	1402 1336	Diode - 1SS355	
131	1402 1343	Diode - RB106L-40	
132	1402 1398	Diode - RB050L-40	
133	1402 1530	Diode - RB520S-30	
134	1402 1698	Diode - RB	
135	1402 1709	Diode:EC21QS06G	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1403 0953	LED - SML-310MT	
137	1403 0996	LED - SML-310VT	
138	1407 5381	CMOS Logic - SN74AHC1G126DCK	
139	1407 5439	CMOS Logic:SN74AHC2G66HDCT	
140	1407 5482	IC - SN74LVC07APW	
141	1407 5640	CMOS Logic:SN74AHC1G14HDCK	
142	1407 5684	CMOS Logic - SN74AHC1G08HDCK	
143	1407 5790	CMOS Logic - SN74AHC2G08HDCU	
144	1407 5803	IC:SN74LV132APW	
145	1407 5927	CMOS Logic - SN74LVC1G14DCK	
146	1407 6101	IC - SN74LVC2G17DCK	
147	1407 6126	Clock Generator - ICS950812CG	
148	1407 6127	Clock Generator:ICS960008AFLF	
149	1407 6245	CMOS Logic - SN74CBTLV3253PW	
150	1407 6278	ICH3 - NH82801CAM(SL7A7)	
151	1407 6279	Gmch - NH82830MP(SL7A6)	
152	1407 6526	CPU - NK80530MZ866256(SL7XH)	
153	1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	
154	1408 1778	IC:R3112Q101A	
155	1408 1779	IC - R3112Q281A	
156	1408 1815	IC - R3112Q151A	
157	1408 1825	IC - R3112Q121A	
158	1408 1826	IC - R3112Q421A	
159	1408 1956	IC:LTC3728LXCUH#TRPBF	
160	1408 2057	IC - LTC3714EG#TRPBF	
161	1503 0773	Crystal Oscillator:32.768khz:7pF	
162	1503 0842	Oscillator - 14.31818MHZ	
163	1503 0947	Crystal Oscillator:25Mhz	
164	1601 7898	Resistor Array	
165	1601 7909	Resistor Array - 10 Ω $\pm$ 5% 1/32W	
166	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32w	
167	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
168	1604 5357	Resistor - 560 μ F $\pm$ 20% 4V	
169	1605 0976	Capacitor - 1 μ F+80% -20% 10V	
170	1605 1034	Ceramic Capacitor:1000pF: $\pm$ 10%:50V	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1605 1124	Capacitor - 4.7 μ F+80 -20% 10V	
172	1605 1176	Ceramic Capacitor 0.47 μ F+80-20%16V	
173	1605 1194	Capacitor:3pf: $\pm$ 0.25pF:50V	
174	1605 1195	Capacitor:4pf: $\pm$ 0.25pF:50V	
175	1605 1196	Capacitor - 5PF: $\pm$ 0.25pF:50V	
176	1605 1197	Capacitor - 6PF $\pm$ 0.5pF 50V	
177	1605 1205	Capacitor - 33pF $\pm$ 5% 50V	
178	1605 1206	Capacitor - 47pF $\pm$ 5% 50V	
179	1605 1207	Capacitor - 68pF $\pm$ 5% 50V	
180	1605 1208	Capacitor:100pF: $\pm$ 5%:50V	
181	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
182	1605 1210	Capacitor:180pF: $\pm$ 5%:50V	
183	1605 1211	Capacitor - 220pF $\pm$ 10% 50V	
184	1605 1212	Capacitor - 470pF $\pm$ 10% 50V	
185	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
186	1605 1216	Capacitor - 2200pF $\pm$ 10%50V	
187	1605 1221	Capacitor - 0.1 UF+80-20%16V	
188	1605 1225	Capacitor - 0.1 μ F $\pm$ 10% 50V	
189	1605 1234	Capcitor:4700pF: $\pm$ 10%:50v	
190	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
191	1605 1249	Capacitor:0.047uf: $\pm$ 10%:16V	
192	1605 1281	Capacitor - 0.22 μ F $\pm$ 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 1306	Capacitor - 1 μ F $\pm$ 10% 10V	
201	1605 1352	Resistor - 82pF $\pm$ 5% 50V	
202	1605 1354	Capacitor:1200pF: $\pm$ 5%:50V	
203	1605 1416	Capacitor - 1800pF: $\pm$ 5%:50V	
204	1605 1417	Capacitor:47uf:+80-20%:10V	
205	1605 1432	Resistor - 100 μ F $\pm$ 20% 6.3V	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1605 1450	Resistor - 22 μ F $\pm$ 10% 6.3V	
207	1605 1464	Resistor - 10 μ F $\pm$ 20% 25V	
208	1607 1322	Inductor:LB2012B4R7M	
209	1607 1489	Filter - MMZ1608B301C	
210	1607 1556	Inductor:RLF7030-1R5N6R1	
211	1607 1637	Coil:ACM2012-900-2P	
212	1607 1650	Inductor:RLF7030-6R8M2R8	
213	1607 1651	Inductor - HM73-101R0LF	
214	1607 1657	Inductor - HM73-10R68LF	
215	1610 1733	Resistor - 0.01 Ω $\pm$ 1% 1W	
216	1610 1775	Resistor - 0.03 Ω $\pm$ 1% 1W	
217	1610 1804	Resistor:0.006 Ω : $\pm$ 1%:1W	
218	1610 1805	Resistor - 0.003 Ω $\pm$ 2% 1W	
219	1632 0000	Resistor - 0 Ω 1/8W	
220	1633 0000	Resistor - 0 Ω 1/10W	
221	1650 5100	Chip Resistor - 10 Ω $\pm$ 5%1/16W	
222	1650 5101	Chip Resistor - 100 Ω $\pm$ 5%1/16W	
223	1650 5102	Chip Resistor - 1k Ω $\pm$ 5%1/16W	
224	1650 5103	Chip Resistor - 10k Ω $\pm$ 5%1/16W	
225	1650 5104	Chip Resistor - 100k Ω $\pm$ 5%1/16W	
226	1650 5106	Resistor - 10M Ω $\pm$ 5% 1/16W	
227	1650 5109	Chip Resistor 1 Ω $\pm$ 5% 1/16W	
228	1650 5122	Chip Resistor - 1.2k Ω $\pm$ 5%1/16W	
229	1650 5151	Resistor - 150 Ω $\pm$ 5% 1/16W	
230	1650 5152	Chip Resistor:1.5k Ω : $\pm$ 5%:1/16W	
231	1650 5153	Chip Resistor - 15k Ω $\pm$ 5% 1/16W	
232	1650 5202	Chip Resistor:2k Ω : $\pm$ 5%:1/16W	
233	1650 5204	Chip Resistor - 200k Ω $\pm$ 5%1/16W	
234	1650 5220	Resistor - 22 Ω $\pm$ 5% 1/16W	
235	1650 5221	Chip Resistor - 220 Ω $\pm$ 5%1/16W	
236	1650 5222	Resistor - 2.2K Ω $\pm$ 5% 1/16W	
237	1650 5229	Resistor:2.2 Ω : $\pm$ 5%:1/16w:1005	
238	1650 5241	Resistor - 240 Ω $\pm$ 5% 1/16W	
239	1650 5330	Chip Resistor - 33 Ω $\pm$ 5%1/16W	
240	1650 5331	Resistor - 330 Ω $\pm$ 5% 1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
241	1650 5332	Resistor - 3.3K Ω $\pm$ 5% 1/16W	
242	1650 5390	Resistor - 39 Ω $\pm$ 5% 1/16W	
243	1650 5393	Resistor - 39K Ω $\pm$ 5% 1/16W	
244	1650 5470	Chip Resistor 47 Ω $\pm$ 5% 1/16W	
245	1650 5471	Chip Resistor - 470 Ω -5% 1/16W	
246	1650 5472	Chip Resistor:4.7k Ω : $\pm$ 5%:1/16W	
247	1650 5511	Resistor - 510 Ω $\pm$ 5% 1/16W	
248	1650 5513	Chip Resistor:51k Ω : $\pm$ 5%:1/16W	
249	1650 5560	Chip Resistor 56 Ω $\pm$ 5% 1/16W	
250	1650 5562	Chip Resistor:5.6k Ω : $\pm$ 5%:1/16W	
251	1650 5569	Resistor - 5.6 Ω $\pm$ 5% 1/16W	
252	1650 5623	Resistor - 62K Ω $\pm$ 5% 1/16W	
253	1650 5680	Resistor - 68 Ω $\pm$ 5% 1/16W	
254	1650 5681	Chip Resistor:680 Ω : $\pm$ 5%:1/16W	
255	1650 5822	Chip Resistor:8.2k Ω : $\pm$ 5%:1/16W	
256	1650 5823	Chip Resistor:82k Ω : $\pm$ 5%:1/16W	
257	1655 0000	Chip Resistor - 0 Ω $\pm$ 0%1/16W	
258	1655 1001	Chip Resistor - 1k Ω $\pm$ 1% 1/16W	
259	1655 1002	Chip Resistor - 10k Ω $\pm$ 1%1/16W	
260	1655 1009	Resistor - 10 Ω $\pm$ 1% 1/16W	
261	1655 1100	Resistor - 110 Ω $\pm$ 1% 1/16W	
262	1655 1370	Resistor - 137 Ω $\pm$ 1% 1/16W	
263	1655 1409	Resistor - 14 Ω $\pm$ 1% 1/16W	
264	1655 1502	Resistor - 15K Ω $\pm$ 1% 1/16W	
265	1655 1800	Chip Resistor:180 Ω : $\pm$ 1%:1/16W	
266	1655 1829	Resistor - 18.2 Ω $\pm$ 1% 1/16W	
267	1655 2000	Resistor - 200 Ω $\pm$ 1% 1/16W	
268	1655 2001	Resistor - 2K Ω $\pm$ 1% 1/16W	
269	1655 2002	Chip Resistor - 20k Ω $\pm$ 1%1/16W	
270	1655 2003	Chip Resistor - 200k Ω $\pm$ 1%1/16W	
271	1655 2052	Resistor - 20.5K Ω $\pm$ 1% 1/16W	
272	1655 2209	Resistor - 22 Ω $\pm$ 1% 1/16W	
273	1655 2210	Resistor - 221 Ω $\pm$ 1% 1/16W	
274	1655 2402	Resistor - 24K Ω $\pm$ 1% 1/16W	
275	1655 2433	Resistor - 243K Ω $\pm$ 1% 1/16W	

58.IOB BOARD (G148)

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	229	C11	229	C21	230	C31	230	C41	168	C51	168	---	---
C2	229	C12	229	C22	168	C32	230	C42	230	C52	168	---	---
C3	230	C13	230	C23	230	C33	168	---	---	C53	230	---	---
C4	229	C14	230	C24	168	C34	168	C44	168	---	---	C64	230
C5	187	---	---	C25	168	C35	230	C45	168	C55	168	C65	168
C6	170	C16	230	C26	230	C36	230	C46	230	C56	230	C66	230
C7	170	C17	168	C27	230	C37	174	C47	230	C57	230	C67	168
C8	170	C18	230	C28	230	C38	168	---	---	C58	168	C68	227
C9	230	C19	168	C29	168	C39	169	C49	173	C59	230	C69	171
C10	229	C20	230	C30	166	C40	175	C50	230	C60	168	C70	168

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	230	C81	168	C91	168	C101	168	C111	168	C121	230	C131	168
C72	168	C82	230	C92	168	C102	168	C112	230	C122	230	C132	168
C73	230	C83	168	---	---	---	---	C113	230	C123	173	C133	230
C74	168	C84	230	C94	230	C104	168	C114	230	C124	230	C134	168
C75	230	C85	168	---	---	C105	230	C115	230	---	---	C135	230
C76	168	C86	230	C96	230	C106	230	C116	168	C126	168	C136	230
C77	230	C87	168	C97	230	C107	172	C117	168	C127	230	C137	168
C78	230	---	---	C98	230	C108	229	C118	168	C128	168	C138	230
C79	167	---	---	C99	230	C109	168	C119	168	C129	230	C139	230
C80	230	C90	230	C100	168	C110	226	C120	230	C130	230	C140	230

58.IOB BOARD (G148)

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	230	---	---	C171	229	---	---	C191	229	C201	229
C142	230	C152	194	C162	188	C172	186	C182	229	C192	229	C202	229
C143	168	C153	230	C163	168	C173	169	C183	229	C193	229	C203	229
C144	230	C154	189	C164	166	C174	229	C184	225	C194	229	C204	229
C145	230	C155	230	C165	170	C175	229	C185	225	C195	229	C205	168
C146	230	C156	230	C166	168	C176	229	C186	230	C196	229	C206	168
---	---	C157	230	C167	169	C177	229	C187	229	C197	229	---	---
C148	230	C158	228	---	---	C178	226	C188	230	C198	229	C208	168
C149	230	C159	169	C169	186	C179	173	C189	230	C199	229	C209	228
C150	229	C160	230	C170	195	C180	230	C190	229	---	---	C210	228

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C211	168	C221	229	C231	230
---	---	C222	229	C232	230
C213	230	C223	229	---	---
C214	194	C224	168	C234	226
C215	194	C225	168	---	---
C216	194	C226	168	---	---
C217	229	C227	168	---	---
C218	229	C228	229	---	---
C219	229	C229	229	---	---
C220	229	C230	229	---	---

SYMBOL NO.	INDEX NO.
---	---
C403	230

CA

SYMBOL NO.	INDEX NO.
CA1	176
CA2	176
CA3	176
CA4	176
CA5	176
CA6	176
---	---
---	---
---	---

CONNECTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
CN200	101	CN211	113
CN201	102	---	---
CN202	104	---	---
CN203	105	CN214	109
CN204	117	CN215	106
CN205	116	CN216	103
CN206	107	---	---
---	---	---	---
CN209	104	CN219	114
CN210	112	---	---

58.IOB BOARD (G148)

CONNECTOR

SYMBOL NO.	INDEX NO.
CN221	110
CN222	115
CN223	104
CN224	111
---	---
---	---
CN227	108

DIODE

SYMBOL NO.	INDEX NO.
---	---
D2	134
D3	135
---	---
D5	135
---	---
D6	135
D7	135
---	---
D9	135
D10	135

SYMBOL NO.	INDEX NO.
D11	135
D12	134
D13	135
D14	135
D15	134
---	---
D16	135
D17	134
D18	132
---	---
D20	134

SYMBOL NO.	INDEX NO.
D21	134
D22	134
D23	134
D24	135
---	---
D26	135
D27	135
D28	134
D29	134
D30	137

SYMBOL NO.	INDEX NO.
---	---
---	---
D33	139
D34	139
D35	139
---	---
D36	139
D37	139
D38	139
D39	139
D40	139

SYMBOL NO.	INDEX NO.
D41	139

FIL

SYMBOL NO.	INDEX NO.
FIL1	178
FIL2	177

FU

SYMBOL NO.	INDEX NO.
FU1	119
---	---
FU3	118
FU4	120

DA

SYMBOL NO.	INDEX NO.
DA2	131
DA3	133
DA4	133

IC

SYMBOL NO.	INDEX NO.
IC1	155
IC2	156
---	---
IC4	147
IC5	151
---	---
IC6	154
---	---
IC8	156
---	---
IC10	150

SYMBOL NO.	INDEX NO.
IC11	151
IC12	151
IC13	144
IC14	155
IC15	149
---	---
---	---
IC18	148
IC19	148
IC20	144

SYMBOL NO.	INDEX NO.
IC21	144
IC22	148
IC23	144
---	---
IC25	145
IC26	144
IC27	144
---	---
IC29	144
IC30	144
IC31	155

SYMBOL NO.	INDEX NO.
IC32	153

JP

SYMBOL NO.	INDEX NO.
JP1	183
JP2	183
JP3	183
JP4	183

LED

SYMBOL NO.	INDEX NO.
LED1	141
LED2	141

OSC

SYMBOL NO.	INDEX NO.
OSC1	158

PC

SYMBOL NO.	INDEX NO.
PC1	142

Q

SYMBOL NO.	INDEX NO.
Q1	152
Q2	143
---	---
Q4	123
Q5	126
---	---
Q6	126
Q7	126
Q8	143
Q9	130
Q10	130

58.IOB BOARD (G148)

Q

SYMBOL NO.	INDEX NO.
Q11	127
Q12	127
Q13	143
Q14	125
Q15	143
Q16	124
Q17	129
Q18	143
---	---
Q20	143

SYMBOL NO.	INDEX NO.
Q21	128
Q22	143
Q23	130
Q24	146
Q25	124
Q26	130
Q27	124
Q28	122
Q29	126
Q30	126

SYMBOL NO.	INDEX NO.
Q31	126

RESISTOR

SYMBOL NO.	INDEX NO.
R1	206
R2	194
R3	192
R4	195
R5	195
R6	195
R7	195
R8	194
R9	211
R10	193

SYMBOL NO.	INDEX NO.
R11	195
R12	193
R13	193
R14	218
R15	217
R16	159
---	---
R18	195
---	---
---	---

SYMBOL NO.	INDEX NO.
R21	202
R22	193
R23	193
R24	193
R25	191
R26	191
R27	191
R28	191
R29	191
R30	194

SYMBOL NO.	INDEX NO.
---	---
R32	194
---	---
R34	194
R35	194
R36	195
R37	199
R38	195
R39	207
R40	207

RESISTOR

SYMBOL NO.	INDEX NO.
R41	193
R42	203
R43	208
R44	198
R45	194
R46	196
R47	195
---	---
---	---
R50	195

SYMBOL NO.	INDEX NO.
R51	219
R52	208
R53	214
R54	219
R55	195
R56	182
R57	214
R58	195
R59	182
R60	195

SYMBOL NO.	INDEX NO.
R61	195
R62	193
R63	190
R64	195
---	---
R66	185
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R71	185
R72	194
---	---
R74	198
R75	195
R76	193
---	---
R78	198
R79	204
R80	195

SYMBOL NO.	INDEX NO.
R81	193
R82	195
R83	195
R84	193
R85	206
R86	203
R87	185
R88	203
R89	206
---	---

SYMBOL NO.	INDEX NO.
---	---
R92	193
R93	193
R94	193
R95	200
R96	194
R97	194
R98	213
R99	213
R100	194

SYMBOL NO.	INDEX NO.
---	---
R102	193
R103	209
R104	211
R105	211
R106	209
R107	200
R108	195
R109	194
---	---

58.IOB BOARD (G148)

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.
---	---	---	---	R131	194	R141	195	---	---	R161	195	---	---
R112	193	R122	195	R132	200	R142	217	R152	184	R162	193	---	---
R113	193	---	---	R133	212	R143	221	R153	223	---	---	R173	195
R114	193	R124	215	R134	204	R144	194	R154	224	R164	184	R174	195
R115	211	R125	222	---	---	R145	193	---	---	R165	197	---	---
R116	211	R126	193	R136	198	R146	220	---	---	R166	197	R176	195
---	---	R127	193	R137	210	R147	220	R157	184	R167	194	R177	195
R118	216	R128	201	---	---	R148	223	R158	184	R168	185	R178	195
R119	194	R129	200	---	---	R149	195	R159	184	R168	195	R179	195
---	---	R130	194	---	---	---	---	R160	195	R169	194	R180	195
										---	---		

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.
R181	195	R191	200	R201	194	REG1	157	RN1	161	RN11	179	RN21	181
---	---	---	---	---	---			RN2	161	RN12	179	RN22	181
---	---	R193	195	---	---			RN3	162	RN13	161	RN23	161
---	---	R194	194	R204	206			RN4	161	RN14	165	RN24	161
---	---	R195	195	---	---			RN5	161	RN15	179	RN25	161
R186	195	---	---	---	---			RN6	179	RN16	180	RN26	161
R187	195	R197	193	R207	205			RN7	160	RN17	165	RN27	162
R188	195	R198	195	R208	194			RN8	162	RN18	161	RN28	161
R189	195	R199	206					RN9	181	RN19	180	RN29	161
R190	200	R200	195					RN10	179	RN20	161	RN30	161

58.IOB BOARD (G148)

RN

SYMBOL NO.	INDEX NO.
RN31	162
RN32	161
RN33	162
RN34	161
RN35	164
RN36	161
RN37	161
RN38	161
RN39	161
RN40	162

SYMBOL NO.	INDEX NO.
RN41	161
RN42	161
RN43	161
RN44	163
RN45	163
RN46	162
RN47	161
RN48	161
RN49	161
RN50	161

SYMBOL NO.	INDEX NO.
RN51	162
RN52	162
RN53	162
---	---
---	---
RN56	162
RN57	161
RN58	163
RN59	161
RN60	161

SYMBOL NO.	INDEX NO.
RN61	161
RN62	163
RN63	161
RN64	163
RN65	161

SW

SYMBOL NO.	INDEX NO.
SW1	121

ZD

SYMBOL NO.	INDEX NO.
ZD1	136
ZD2	138
ZD3	138
ZD4	138
ZD5	138
---	---
ZD7	138
ZD8	140

58.IOB BOARD (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G148 5128	PCB:IOB	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 5301	Connector - 2P	
102	1102 5302	Connector - 3P	
103	1102 6298	Connector - 5P	
104	1102 6393	Connector - 10P	
105	1102 6398	Connector - 2P	
106	1102 6399	Connector - 22P	
107	1102 6515	Connector - 34P	
108	1102 7701	Connector - 50P	
109	1102 8467	Connector - 55447-0370	
110	1102 8470	Connector - 55447-0610	
111	1102 8471	Connector - 55447-071	
112	1102 8473	Connector - 55447-0910	
113	1102 8478	Connector - 55447-1410	
114	1102 8485	Connector - 55451-2210	
115	1102 8488	Connector - 5451-2810	
116	1102 8489	Connector - 55451-3010	
117	1102 9547	Connector:55451-1870	
118	1109 0007	IC - MINISMDC100-02	
119	1109 0016	Circuit Protector - SMD075	
120	1109 0018	Circuit Protector - SMD100	
121	1204 1537	Dip Switch	
122	1400 0556	Transistor - DTB143EK	
123	1400 0731	Transistor - 2SD1766	
124	1400 0768	Transistor:DTC124EUA	
125	1400 0775	Transistor - 2SC4081	
126	1400 0909	Transistor - DTA143EUA	
127	1401 0972	Transistor-2SB1260	
128	1401 1156	Fet:2SK2231(TE16L1,NQ)	
129	1401 1234	Fet - SSM3J02T	
130	1401 1301	Fet:2SK2615	
131	1402 1041	Diode - DA204U	
132	1402 1057	Diode Array - DAP202U	
133	1402 1142	Diode Array - DAN217	
134	1402 1336	Diode - 1SS355	
135	1402 1343	Diode - RB106L-40	

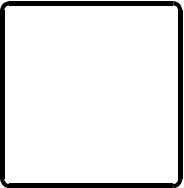
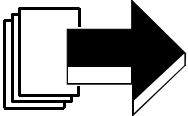
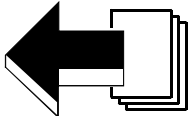
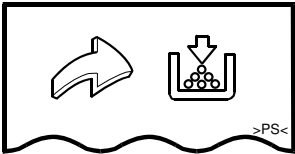
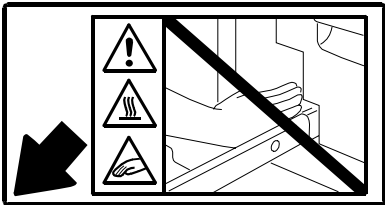
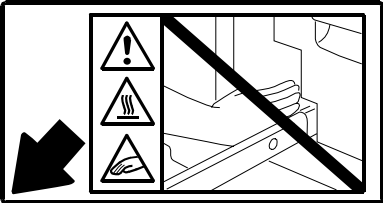
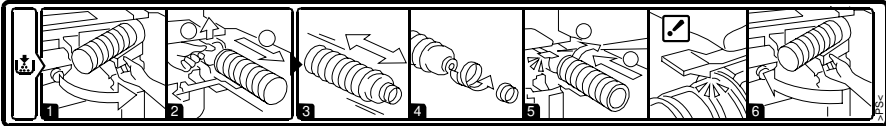
Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1447	Diode - PTZ5.1B	
137	1402 1530	Diode - RB520S-30	
138	1402 1663	Diode - ZTP12B	
139	1402 1891	Diode:RB160M-60	
140	1402 1920	Diode:TDZ18	
141	1403 0953	LED - SML-310MT	
142	1403 1302	Photocoupler:PC123Y63J00F	
143	1407 1535	IC - TD62308AP	
144	1407 2187	TTLIC - SN74LS07NS	
145	1407 2218	TTLIC - SN74LS06NS	
146	1407 2219	IC - TD62003AP	
147	1407 5344	IC - SN74LV02APW	
148	1407 5351	IC - SN74LV14APW	
149	1407 5353	IC - SN74LV244APW	
150	1407 5428	CMOS Logic - SN74AHC1G08DCK	
151	1407 6167	IC - EIO	
152	1408 1206	Transistor-array - TD62M4700F	
153	1408 1680	Operational Amplifier - LM358D	
154	1408 1779	IC - R3112Q281A	
155	1408 1902	Operational Amplifier:RC4558D	
156	1408 1911	Comparator - LM2903PW	
157	1408 2393	Series Regulator:R1172H331B-FB	
158	1503 1274	Crystal Oscillator:19.85Mhz	
159	1601 5319	Resistor-3.9 Ω $\pm$ 5% 2W	
160	1601 7750	Resistor - 22K Ω $\pm$ 5.00%	
161	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
162	1601 7781	Resistor - 10 Ω $\pm$ 5%	
163	1601 7796	Resistor Array - 2.2KO	
164	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	
165	1601 7899	Resistor Array - 56 Ω $\pm$ 5% 1/16W	
166	1604 4779	Capacitor - 220 μ F $\pm$ 20% 35V	
167	1604 5495	Capacitor - 47 μ F $\pm$ 20% 25V	
168	1605 1137	Capacitor - 470pF $\pm$ 10% 50V	
169	1605 1148	Capacitor - 0.1 μ F+80-20% 50V	
170	1605 1187	Ceramic Capacitor 0.047 μ F $\pm$ 10% 50V	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1605 1203	Capacitor - 18pF $\pm$ 5% 50V	
172	1605 1208	Capacitor:100pF: $\pm$ 5%:50V	
173	1605 1225	Capacitor - 0.1 μ F $\pm$ 10% 50V	
174	1605 1234	Capcitor:4700pF: $\pm$ 10%:50V	
175	1605 1419	Capcitor:4.7uf: $\pm$ 10%:16V	
176	1605 1530	Capacitor:10pf: $\pm$ 1pF:50V	
177	1607 0758	Filter - DSS710D223A12-22	
178	1607 1251	Filter - MPZ2012S221A	
179	1609 0006	Resistor:10k Ω : $\pm$ 5%:1/16W	
180	1609 0016	Resistor:56 Ω : $\pm$ 5%:1/16W	
181	1609 0019	Resistor:0 Ω :1608	
182	1610 1780	Resistor - 2.2K Ω $\pm$ 5% 0.75W	
183	1631 0000	Resistor - 0 Ω 1/4W	
184	1633 0000	Resistor - 0 Ω 1/10W	
185	1634 0000	Resistor - 0 Ω 1/16W	
186	1640 2330	Capacitor - 33UF+80%-20%25V	
187	1640 2470	Capacitor - 47 μ F $\pm$ 20% 25V	
188	1640 3101	Capacitor - 100 μ F $\pm$ 20% 35V	
189	1640 5330	Capacitor - 33 μ F $\pm$ 20% 50V	
190	1650 2101	Resistor - 100 Ω $\pm$ 5% 1/4W	
191	1650 2151	Resistor - 150 Ω $\pm$ 5% 1/4W	
192	1650 2472	Chip Resistor-4.7k	
193	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
194	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
195	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
196	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
197	1650 4132	Resistor - 1.3K Ω $\pm$ 5% 1/10W 1608	
198	1650 4154	Resistor 150k Ω $\pm$ 5% 1/10W	
199	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
200	1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	
201	1650 4223	Resistor - 22K Ω $\pm$ 5%1/10W	
202	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
203	1650 4332	Resistor - 3.3K Ω $\pm$ 5%1/10W	
204	1650 4392	Chip Resistor - 3.9k Ω $\pm$ 5%1/10W	
205	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	

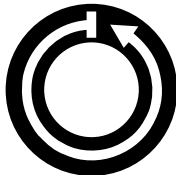
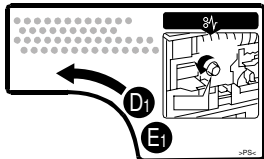
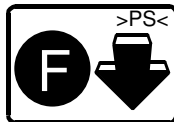
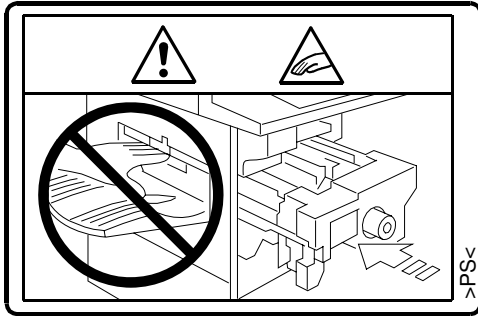
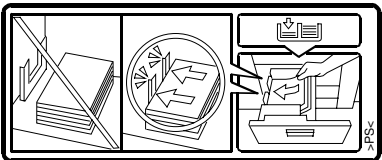
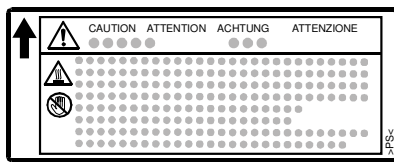
Index No.	Part No.	Description	Q'ty Per Assembly
206	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
207	1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10W	
208	1650 4680	Resistor - 68 Ω $\pm$ 5% 1/10W	
209	1654 1001	Resistor - 1K Ω $\pm$ 1% 1/10W	
210	1654 1002	Resistor - 10K Ω $\pm$ 5% 1/10W	
211	1654 1003	Resistor - 100K Ω $\pm$ 1% 1/10W	
212	1654 1102	Resistor - 11K Ω $\pm$ 1% 1/10W	
213	1654 1401	Resistor - 1.4K Ω $\pm$ 1% 1/10W 1608	
214	1654 1501	Resistor - 1.5K Ω $\pm$ 1% 1/10W 1608	
215	1654 1542	Chip Resistor:15.4K Ω $\pm$ 1%:1/10W:1608	
216	1654 1911	Resistor - 1.91K Ω $\pm$ 1% 1/10W	
217	1654 2002	Resistor - 20K Ω $\pm$ 1% 1/10W	
218	1654 2401	Resistor - 2.4K Ω $\pm$ 1% 1/10W	
219	1654 3601	Resistor - 3.6K Ω $\pm$ 1% 1/10W	
220	1654 3602	Resistor - 36K Ω $\pm$ 1% 1/10W 1608	
221	1654 4702	Chip Resistor - 47k Ω $\pm$ 1% 1/10W	
222	1654 4990	Resistor - 499 Ω $\pm$ 1% 1/10W	
223	1654 5231	Resistor - 5.23K Ω $\pm$ 1% 1/10W	
224	1654 5360	Resistor - 536 Ω $\pm$ 1% 1/10W 1608	
225	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
226	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
227	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
228	1660 4472	Capacitor - 4700pF $\pm$ 10% 50V	
229	1660 6103	Capacitor - 10000pF - +80%-20%50V	
230	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	

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

59.DECAL AND DOCUMENTS (G148)

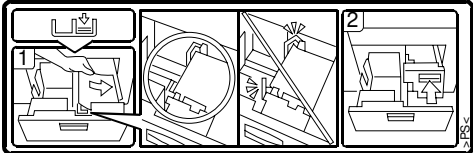
1 	2 用紙は右に突き当ててセットしてください。 	3  用紙は左に突き当ててセットしてください。
4 	5 	6 
7 	8 1  9 2  10 3 	12 Stand by On 13 

59.DECAL AND DOCUMENTS (G148)

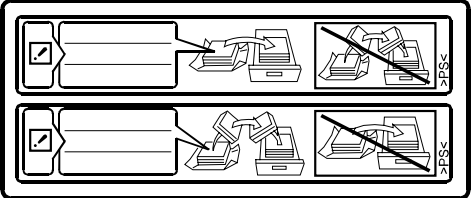
14	15	19	21
			
20	24	22	
1 Tournez la poignée  onze ou douze fois pour dégager le papier. 2 Ensuite, suivez les étapes  décrites à l'intérieur du capot avant >PS< 1 Zuerst den Drehknopf  elf- bis zwölfmal drehen, um das Papier auszugeben 2 Danach unbedingt die auf der Innenseite der Fronttür abgebildeten Schritte  und  durchführen. >PS< 1 Ruotare la maniglia  o dodici volte per estrarre la carta 2 Seguire i passi  ed  mostrati all'interno dello sportello frontale. >PS< 1 Para sacar el papel gire del tirador  de 11 a 12 veces 2 Después siga los pasos  y  mostrados en el interior de la cubierta frontal >PS<			
25	26	23	
			

59.DECAL AND DOCUMENTS (G148)

27



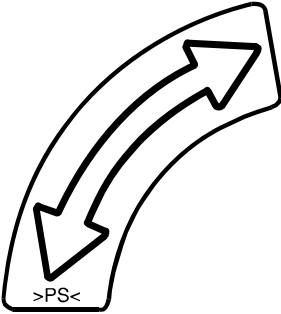
28



29



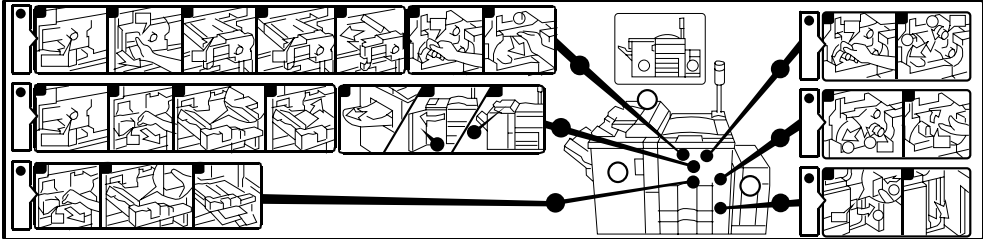
30



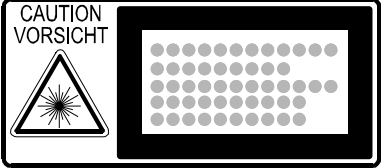
39

C1	B1	B2	A1	Tandem
C2			A2	File Format Converter
C3	B3		B1	USB - Host
			B2	Option
			B3	Ethernet&USB2.0
	A1	A2	C1	System
			C2	Option
			C3	Service

40

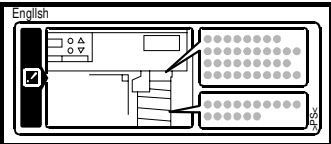


41

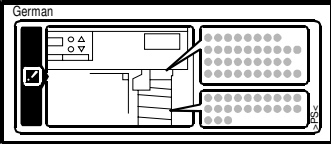


42

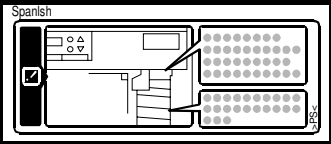
English



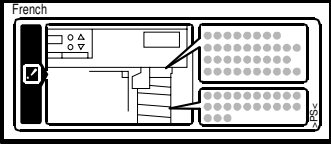
German



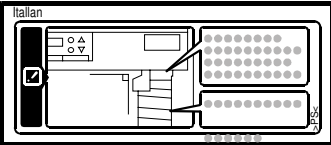
Spanish



French



Italian

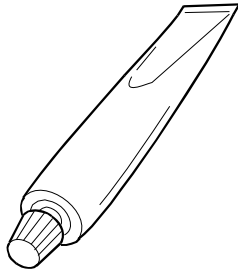


Index No.	Part No.	Description	Q'ty Per Assembly
1	A029 2984	Decal - Grip	1
2	A096 6677	Decal - Right Paper Set	1
3	A096 6678	Decal - Left Paper Set	1
4	AA00 1213	Decal - B2	1
5	AA00 1394	Decal - Toner Supply	1
6	AA00 2010	Decal - Paper Level	1
7	AA00 2246	Decal - Caution	1
8	AA00 3211	Decal:Paper Tray:Display:1	1
9	AA00 3212	Decal:Paper Tray:Display:2	1
10	AA00 3213	Decal:Paper Tray:Display:3	1
12	B065 1363	Decal - Main Switch	1
13	B065 1366	Decal - Toner Supply	1
14	B065 3833	Decal - Transfer Unit Lever	1
15	B065 4167	Decal - Fusing Knob	1
19	B065 4274	Decal - Misfeed Removal	1
20	B065 4276	Decal:D1/E1:Multi	1
21	B065 4480	Decal - Cover	1
22	B065 4481	Decal - Exit	1
23	B065 4797	Caution Decal - Duplex	1
24	B065 4867	Decal - Guide Plate Lever	1
25	B065 6545	Decal - Positioning	1
26	B065 6846	Decal - Paper Set - Left	1
27	B065 6877	Decal - Paper Set - Right	1
28	B070 1307	Decal:Paper Set Direction	1
29	B234 1378	Decal - Total Counter	1
30	B234 3892	Decal - Lever Release Transfer	1
39	B246 1376	Decal:Caption:Interface	1
40	B247 1361	Decal:Misfeed Removal:Main	1
41	G029 1982	LD Decal	1
42	G126 3342	Decal:Toner:Supply:P1EXP	1
42	G126 3345	Decal:Toner:Supply:P1DEU	1
42	G126 3346	Decal:Toner:Supply:P1FRA	1
42	G126 3347	Decal:Toner:Supply:P1ITA	1
42	G126 3348	Decal:Toner:Supply:P1ESP	1

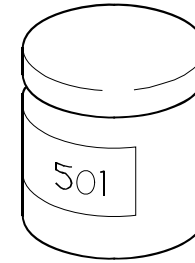
Index No.	Part No.	Description	Q'ty Per Assembly

60.SPECIAL TOOLS (G148)

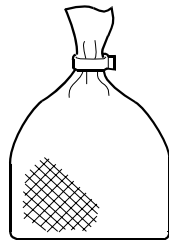
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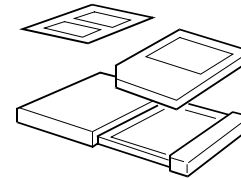
2



3



4



60.SPECIAL TOOLS (G148)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A257 9300	Grease - Barrierta S552R	1
2	5203 9502	Grease 501	1
3	5442 9101	Setting Powder	1
4	B645 5010	SD-Card:Ass'y	1

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

Parts Index

PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No.
EXTERIOR 2 (G148)	B247 1234	Ozone Filter (Rear)	Ozone Filter - Rear	1	11 - 22
	AA01 0114	Ozone Filter (Front)	Front Ozone Filter	1	11 - 23
PAPER FEED UNIT 1 (G148)	AF03 0081	Pick-up Rollers	Paper Feed Roller:Pickup	1	29 - 1
	AF03 1082	Feed Rollers	Paper Feed Roller:Feed	1	29 - 3
PAPER FEED UNIT 2 (G148)	AF03 2080	Separation Rollers	Paper Feed Roller:Separate	1	31 - 36
TONER SUPPLY UNIT (G148)	B247 3161	Used Toner Separation Unit	Classification Ass'y	1	43 - 1
DEVELOPMENT UNIT 1 (G148)	B247 3340	Development Filter	Filter:Development	1	45 - 17
PCU 1 (G148)	A096 2063	Charge Wire Cleaning Pad	Corona Wire Cleaner	1	49 - 7
	A096 2057	Charge Corona Grid	Charge Corona Grid	1	49 - 13
	B070 2364	Charge Corona Wire	Charge Corona Wire	1	49 - 19
	B234 2123	Cushion - Wire	Cushion - Wire	2	49 - 22
PCU 3 (G148)	B247 2330	Cleaning Brush	Brush Roller:Cleaning	1	53 - 7
PCU 4 (G148)	AD04 1140	Cleaning Blade	Cleaning Blade	1	55 - 8
TRANSFER BELT UNIT 1 (G148)	A293 3899	Transfer Belt	Transfer Belt - Mojito Service	1	57 - 5
	B065 3947	Discharge Plate	Anti-static Plate	1	57 - 21
TRANSFER BELT UNIT 2 (G148)	AD04 1126	Transfer Roller Cleaning Blade	Transfer Belt Cleaning Blade	1	59 - 1
FUSING UNIT 1 (G148)	AE03 1026	Cleaning Web Pressure Bearings	Bushing - Oil Supply Roller	1	61 - 9
	AE04 0038	Pressure Cleaning Roller	Cleaning Web Pressure Roller	1	61 - 14
	B065 4210	Cleaning Web Pressure Bearings	Rear Bushing - Oil Supply Roller	1	61 - 15
	AE04 5046	Cleaning Web	Cleaning Web	1	61 - 16
FUSING UNIT 2 (G148)	AE04 4043	Hot Roller Strippers	Hot Roller Stripper	5	63 - 27
FUSING UNIT 3 (G148)	AE03 0017	Ball Bearing - 35x50x10	Ball Bearing - 35x50x10	2	65 - 2
	AE01 1087	Hot Roller	Hot Roller	1	65 - 23
	AE03 0018	Hot Roller Bearings	Ball Bearing - 12x28x8	2	65 - 26
	AE02 0112	Pressure Roller	Pressure Roller	1	65 - 27
FUSING UNIT 4 (G148)	AE03 1024	Pressure Roller Bearings	Bushing - M4x7	2	67 - 9
	AE04 2052	Cleaning Roller	Cleaning Roller	1	67 - 10
ELECTRICAL SECTION 9 (G148)	B070 2114	Filter - Toner	Filter - Toner	1	107 - 9

Parts Index

Part No.	Description	Page and Index No.
G148 1157	Bracket:Toner Recycling	89 - 15
G148 1302	Cover:Right Upper	15 - 20
G148 1314	Inner Cover:Right Lower	13 - 23
G148 1333	Cover:Right Lower	15 - 10
G148 1450	Cover:Operation Panel	17 - 9
G148 1451	Lens:LED	17 - 4
G148 1461	Operation Panel Unit	17 - 6
G148 2612	Bracket:Connector:Development	39 - 6
G148 2615	Bracket:Belt Tensioner	39 - 13
G148 2627	Registration Roller:Lower	41 - 5
G148 2675	Guide Plate:Paper Bank	43 - 23
G148 2721	Guide Plate:Receiver:Upper	41 - 11
G148 2732	Guide Plate:Receiver:Lower	41 - 12
G148 2761	Harness:Paper Feed Unit:M-P2:Ass'y	43 - 27
G148 2815	Cover:Timing Belt	39 - 9
G148 4016	Fusing Unit:NA:Ass'Y	67 - 1
G148 4029	Fusing Unit:EU:Ass'Y	67 - 1
G148 4080	Stripper Pawls:Open And Close:Ass'Y	67 - 19
G148 4142	Stay:Fusing:Upper:Ass'y	69 - 8
G148 4226	Bracket:Drive	65 - 25
G148 4260	Cleaning Unit	65 - 7
G148 4365	Inner Cover:Fusing/paper Exit Unit	65 - 4
G148 5101	PCB:NIC+SUB	99 - 6
G148 5112	PCB:CTL	99 - 9
G148 5112	PCB:CTL	145 - *
G148 5122	PCB:BCU	95 - 2
G148 5125	PCB:BCU	123 - *
G148 5128	PCB:IOB	95 - 3
G148 5128	PCB:IOB	153 - *
G148 5141	PCB:IPU	101 - 2
G148 5141	PCB:IPU	131 - *
G148 5205	PCB:MB	101 - 14
G148 5250	SD-Card:Printer	99 - 8
G148 5418	Harness:Main:Duplex:Exit	105 - 8
G148 5457	Harness:MB:Operation Panel	101 - 13

Part No.	Description	Page and Index No.
G148 5466	Harness:Scanner Unit	17 - 5
G148 5615	Harness:Ac Power Supply:Main (120V)	105 - 10
G148 5617	Harness:AC Power Supply:Main (230V)	105 - 10
G148 7012	Sheet:Emblem:EXP	13 - 25
G148 7013	Sheet:Emblem:GES	13 - 25
G148 7014	Sheet:Emblem:SVN	13 - 25
G148 7015	Sheet:Emblem:GES	13 - 25
G148 7016	Sheet:Emblem:NSA	13 - 25
G148 7017	Sheet:Emblem:REX	13 - 25
G148 7019	Sheet:Emblem:LAN	13 - 25
G148 8454	CD-ROM:Manual	13 - 22
G148 9590	NVRAM	99 - 10

Part No.	Description	Page and Index No.
A007 3751	Large Cap - Toner Collection Tank	15 - 5
A029 2984	Decal - Grip	159 - 1
A029 2984	Decal - Grip	37 - 12
A048 2838	Nylon Rivet	75 - 16
A060 2512	Registration Roller Knob	13 - 20
A096 1679	Development Grounding Plate	113 - 6
A096 2051	Rear Grid Anchor	53 - 18
A096 2052	Front Grid Anchor	53 - 27
A096 2057	Charge Corona Grid	53 - 13
A096 2062	Wire Cleaner Slider	53 - 8
A096 2063	Corona Wire Cleaner	53 - 7
A096 2065	Slider Ring	53 - 9
A096 2301	Grounding Plate	55 - 5
A096 2633	Front Lock	43 - 10
A096 3141	Development Filter Case	49 - 18
A096 3181	Slitter	47 - 12
A096 3224	Bottle Roller	45 - 15
A096 3712	Ratch	93 - 34
A096 3712	Ratch	15 - 2
A096 4319	Exit Roller Holder	67 - 23
A096 4595	Duplex Guide	87 - 12
A096 4928	Guide Plate Band	79 - 24
A096 5528	Micro Switch Sheet	37 - 5
A096 6553	Side Fence Pad	31 - 10
A096 6677	Decal - Right Paper Set	159 - 2
A096 6677	Decal - Right Paper Set	27 - 12
A096 6678	Decal - Left Paper Set	159 - 3
A096 6678	Decal - Left Paper Set	25 - 12
A134 2363	Terminal Plate	53 - 26
A134 2978	Spring Plate	31 - 12
A134 3179	Chuck Shaft	45 - 23
A176 2054	Grounding Plate	53 - 6
A176 2061	Screw Shaft	53 - 10
A176 6695	Misfeed Removal Guide	31 - 32
A176 6695	Misfeed Removal Guide	27 - 19

Part No.	Description	Page and Index No.
A222 2724	External Circlip - Mm8	45 - 30
A229 1135	Ring - 55	91 - 23
A229 1135	Ring - 55	89 - 10
A229 2655	Read Rock	43 - 7
A229 2717	Lock Lever	43 - 3
A229 3154	Case Seal	47 - 8
A229 3219	Rubber Bushing - Toner Supply Unit	45 - 13
A229 3232	Chuck Roller	45 - 22
A229 3242	Toner Bottle Joint Gear	45 - 35
A229 3243	Motor Joint Gear	45 - 34
A229 3261	Outer Shutter	45 - 8
A229 3262	Inner Shutter	45 - 9
A229 3263	Outer Shutter Shield	45 - 7
A229 3264	Shutter Lever	45 - 11
A229 3266	Upper Shutter Shield	45 - 10
A229 3285	Shutter Cover	45 - 12
A229 3861	Front Arm	61 - 3
A229 3862	Rear Arm	61 - 7
A229 3865	Transport Driven Roller	61 - 13
A229 3875	Drive Electrode	61 - 4
A229 3910	Front Bushing	63 - 17
A229 3911	Rear Bushing	63 - 23
A229 3934	Tape	63 - 12
A229 4467	Pressure Arm	77 - 6
A229 4477	Reverse Guide Plate	75 - 10
A229 4479	Reverse Guide Plate - Right	75 - 9
A229 4482	Exit Roller Holder	75 - 8
A229 4617	Duplex Discharge Brush	81 - 23
A229 4623	Lower Entrance Guide Plate	81 - 5
A229 4727	Guide Plate Pressure Holder	79 - 26
A229 4740	Drive Joint	81 - 21
A247 2800	Ball Bearing - 8x12x5	41 - 3
A247 4249	Connector - 3P	69 - 21
A248 6103	Guide Plate - Upper Heat Sink	117 - 9
A248 6615	Coupling Lever - Left	25 - 25

Part No.	Description	Page and Index No.
A248 6666	Side Plate	27 - 22
A248 6694	Wire Ring	29 - 31
A248 6695	Guide - Pulley	29 - 16
A248 6701	Oil Damper	29 - 36
A248 6713	Hook - Tension Sprong	29 - 4
A257 9300	Grease - Barrierta S552R	161 - 1
A267 2857	Spring Plate - Side Fence	31 - 25
A267 2859	Side Fence Stopper	31 - 23
A267 2860	Rear Lever Stopper	31 - 24
A293 1155	Duplex Drive Bracket	89 - 21
A293 1332	Duct Holder	15 - 24
A293 2418	Upper Unit Cover	55 - 1
A293 3220	Toner Bottle Stopper	45 - 25
A293 3227	Toner Slider	45 - 19
A293 3230	Toner Bottle Chuck	45 - 18
A293 3234	Shield Plate - Toner Bottle	45 - 17
A293 3282	Toner Bottle Pawl	45 - 26
A293 3899	Transfer Belt - Mojito Service	61 - 5
A293 4613	Front Gate Pawl	81 - 14
A293 4614	Rear Gate Pawl	81 - 16
A293 6649	Rear Cover Cushion - Tandem LCT	25 - 17
A294 1119	Fly Wheel	91 - 10
A294 1292	Door Switch Bracket	13 - 1
A294 2051	Rear Receptacle	91 - 4
A294 2052	Receptacle Pin	91 - 5
A294 3116	Development Screw	49 - 20
A294 3572	Rear Drum Seal	57 - 18
A294 4669	Cushion	87 - 16
A294 4723	Belt Holder Fixing Plate	87 - 8
A294 4754	Roller Lever	83 - 15
A294 6655	Front Roller - Slide Rail	29 - 13
A294 6690	Feeler - Paper Height Sensor	29 - 33
A294 6700	Torque Limiter - 53mnm	35 - 35
A300 2134	Guide Roller - B	115 - 11
A413 1670	Antistatic Brush	69 - 4

Part No.	Description	Page and Index No.
A423 4433	Spring	37 - 7
A469 2123	Rubber Cushion - 1x10x10mm	43 - 14
A470 1703	Shift Clutch	77 - 1
B027 8521	O/I Holder - Assembly	13 - 28
B064 9640	Developer Type 24 Black	49 - 21
B065 1075	Base Cover	115 - 24
B065 1091	Left Duct - PCU	113 - 19
B065 1092	Bracket	115 - 13
B065 1094	Duct Clip	113 - 18
B065 1095	Heat Insulation	113 - 20
B065 1096	Front Transfer Stay	113 - 3
B065 1098	Left Rail	113 - 22
B065 1131	Joint	91 - 29
B065 1134	Partition Plate	91 - 11
B065 1137	Bracket	91 - 8
B065 1145	Boss	91 - 12
B065 1147	Transfer Drive Bracket	91 - 25
B065 1160	Toner Recycling Tightener	89 - 17
B065 1167	Duplex Drive Joint	89 - 23
B065 1168	Fusing Drive Bracket	89 - 11
B065 1171	Development Fan Bracket	21 - 9
B065 1172	Development Fan Harness	21 - 8
B065 1173	IPS Duct	111 - 8
B065 1175	Entrance IPS Duct	103 - 4
B065 1177	Upper IPS Duct	103 - 7
B065 1178	Fan Bracket - IPS	103 - 2
B065 1180	PCU Duct	105 - 11
B065 1183	Fan Bracket	105 - 2
B065 1184	Entrance PCU Duct	105 - 3
B065 1185	Duct - Charge	111 - 10
B065 1188	Duct - Fusing	111 - 7
B065 1192	Upper Exhaust Duct	103 - 9
B065 1193	Lower Exhaust Duct	103 - 10
B065 1194	Exhaust Bracket	103 - 8
B065 1197	Magnet Catch Bracket	115 - 8

Part No.	Description	Page and Index No.
B065 1198	Duplex Fan Harness	115 - 18
B065 1200	Bracket:Fan:Duplex	115 - 20
B065 1303	LCT Cover	15 - 16
B065 1318	PCU Duct Inner Cover	13 - 19
B065 1320	Receiving Tray - Operation Panel	111 - 4
B065 1323	Guide Plate Lever	13 - 10
B065 1326	Micro Switchlever	13 - 11
B065 1328	Upper Hinge Guide Plate	111 - 16
B065 1334	Lower Left Cover	15 - 6
B065 1341	Connector Cap	15 - 15
B065 1342	Coupling Cap	15 - 14
B065 1343	NCU Cap	17 - 12
B065 1344	G4 Cap	17 - 13
B065 1344	G4 Cap	15 - 8
B065 1345	Fan Bracket	17 - 2
B065 1363	Decal - Main Switch	159 - 12
B065 1363	Decal - Main Switch	13 - 13
B065 1366	Decal - Toner Supply	159 - 13
B065 1366	Decal - Toner Supply	13 - 5
B065 1698	Development Cooling Duct	21 - 6
B065 1791	Left Scanner Duct	21 - 1
B065 1798	Filter:Duct:Scanner	21 - 2
B065 1801	Right Scanner Duct	21 - 3
B065 1844	Grounding Plate	111 - 12
B065 1845	Grounding Plate	111 - 11
B065 1912	Lens Holder - L0	23 - 8
B065 1915	1st Mirror Holder	23 - 11
B065 1925	Lens Holder - L2 Right	23 - 17
B065 1926	Lens Holder - L2 Left	23 - 18
B065 1930	2nd Mirror Holder	23 - 20
B065 1932	Middle Mirror Holder	23 - 21
B065 1940	Shield Glass Rail	23 - 7
B065 1944	Shield Glass Holder	23 - 25
B065 1945	Seal - Shield Glass	23 - 26
B065 1946	Seal - Shield Glass Holder	23 - 24

Part No.	Description	Page and Index No.
B065 1955	Seal - Lens L1	23 - 14
B065 1957	Shield Glass Cover	55 - 2
B065 1958	Sheet - Shielding Plate	23 - 27
B065 2316	Front Blade Seal	59 - 11
B065 2317	Rear Blade Seal	59 - 13
B065 2336	Pickoff Pawl:Drum:Ass'y	59 - 1
B065 2358	Bracket Grounding Bracket	59 - 2
B065 2361	Entrance Seal Holder	59 - 23
B065 2362	Cleaning Entrance Seal	59 - 24
B065 2364	Pick-off Pawl Positioning Plate	59 - 22
B065 2369	Grounding Plate - Entrance Seal	59 - 29
B065 2371	Drum Stay	55 - 16
B065 2381	Grounding Plate	59 - 25
B065 2386	Middle PCU Casing	59 - 15
B065 2389	Bracket:Brush Roller	59 - 16
B065 2392	Receptacle	55 - 7
B065 2425	Brush Roller Gear	57 - 5
B065 2426	Pressure Release Lever	55 - 10
B065 2427	Cam - Blade	57 - 14
B065 2428	Agitator Gear	57 - 4
B065 2481	Grid Receptacle Terminal	91 - 2
B065 2482	Charge Receptacle Terminal	91 - 3
B065 2494	Upper PCU Harness	55 - 3
B065 2620	Paper Dust Removal Case	39 - 4
B065 2621	Sensor Bracket	39 - 3
B065 2708	Middle Sensor Bracket	41 - 16
B065 2752	Motor Bracket	41 - 17
B065 2762	Relay Paper Feed Harness	43 - 21
B065 2762	Relay Paper Feed Harness	93 - 32
B065 2762	Relay Paper Feed Harness	87 - 2
B065 2763	Relay Registration Harness	39 - 1
B065 3062	Development Roller	51 - 1
B065 3065	Toner Sensor Guide	49 - 9
B065 3069	Bushing - 8mm	51 - 3
B065 3071	Development Knob	49 - 7

Part No.	Description	Page and Index No.
B065 3073	Gear - 31Z	49 - 12
B065 3076	Gear - 41Z	49 - 8
B065 3077	Development Roller Adjuster	51 - 4
B065 3079	Ball Bearing Bracket	49 - 16
B065 3080	Ball Bearing - 12x21x5	51 - 2
B065 3081	Gear - 21Z	49 - 15
B065 3082	Development Bias Plate	49 - 5
B065 3095	Development Guide Rail	49 - 2
B065 3096	Gear - 20Z	49 - 14
B065 3098	Gear - 17Z	49 - 11
B065 3108	Filter Plate	49 - 19
B065 3122	Toner Separation Joint Seal	47 - 2
B065 3123	Rear Toner Separation Joint Seal	47 - 3
B065 3125	Toner Separation Drive Shaft	47 - 4
B065 3138	Idle Gear	47 - 9
B065 3139	Toner Collection Gear	47 - 10
B065 3140	Upper Cover	47 - 19
B065 3141	Exit Toner Pile	47 - 20
B065 3142	Toner Separation Shutter	47 - 22
B065 3143	Toner Separation Spring	47 - 21
B065 3146	Nut	47 - 14
B065 3151	Lower Right Case Seal	47 - 17
B065 3152	Lower Front Case Seal - Rear	47 - 15
B065 3153	Lower Filter Case Filter	47 - 16
B065 3251	Development Unit Rail	113 - 5
B065 3252	Right Rail - Drum Unit	113 - 9
B065 3258	Development Drum Stay	53 - 2
B065 3262	Electrode Plate	91 - 7
B065 3266	Toner Bottle Cam	111 - 15
B065 3267	Inner Back Cam	111 - 14
B065 3306	Gear:Toner Bottle:ASS'Y	45 - 16
B065 3309	Toner Bottle Drive Bracket	45 - 2
B065 3557	Toner Catchpan	93 - 6
B065 3561	Spring	93 - 13
B065 3565	Toner Collection Case	93 - 3

Part No.	Description	Page and Index No.
B065 3566	Toner Receiving Spring	93 - 5
B065 3568	Case Cap	93 - 1
B065 3573	Toner Correction Agitator	93 - 2
B065 3581	Bushing	93 - 15
B065 3583	Spring Guide	93 - 17
B065 3585	Screw Gear	93 - 11
B065 3586	Screw Gear	93 - 18
B065 3587	Toner Collection Gear	93 - 14
B065 3588	Toner Collection Idle Gear	93 - 8
B065 3593	Toner Collection Discharge Harness	93 - 22
B065 3601	Toner Collection Pipe	93 - 26
B065 3610	Toner Collection Shaft	93 - 35
B065 3629	Toner Separation Case	93 - 39
B065 3636	Toner Collection Seal	93 - 40
B065 3637	Seal - 40x68	93 - 23
B065 3645	Gear - 22Z	93 - 24
B065 3649	Toner Collection Case - Transport	93 - 29
B065 3650	Toner Collection Joint	93 - 30
B065 3652	Shield Plate	93 - 28
B065 3654	Toner Collection Cap	93 - 25
B065 3660	Pulley	93 - 27
B065 3670	Transport Screw	93 - 37
B065 3689	Toner Collection Bottle Bracket	15 - 1
B065 3690	Tank:Discharge Used Toner	15 - 3
B065 3695	Bottle Guide	107 - 9
B065 3811	Transfer Unit Stay	113 - 15
B065 3812	Transfer Rely Harness	113 - 16
B065 3818	Transfer Unit Guide Plate	61 - 1
B065 3831	Release Positioning Plate	113 - 12
B065 3832	Transfer Unit Lever	113 - 1
B065 3833	Decal - Transfer Unit Lever	113 - 14
B065 3833	Decal - Transfer Unit Lever	159 - 14
B065 3868	Pressure Arm	61 - 12
B065 3872	Transfer Unit Joint	61 - 8
B065 3873	Toner Collection Gear	61 - 2

Part No.	Description	Page and Index No.
B065 3874	Electrode Plate	61 - 11
B065 3875	Terminal	61 - 10
B065 3876	Bias Electrode Plate	61 - 15
B065 3878	Bias Terminal	61 - 16
B065 3918	Toner Collection Gear Coil	63 - 15
B065 3920	Idle Gear - 1	63 - 19
B065 3921	Idle Gear - 2	63 - 20
B065 3922	Electrode Plate Cover	63 - 18
B065 3928	Cleaning Roller Terminal	63 - 16
B065 3942	Guide Plate	61 - 20
B065 3945	Entrance Seal Holder	61 - 22
B065 3947	Anti-static Plate	61 - 21
B065 3950	Grounding Bracket	61 - 17
B065 3955	Entrance Guide Plate	63 - 25
B065 3962	Spring Plate	63 - 2
B065 3963	Lever	63 - 4
B065 3964	Bushing	63 - 5
B065 4112	Right Stay	71 - 19
B065 4114	Left Stay	71 - 18
B065 4116	Lower Fusing Cover	67 - 3
B065 4121	Thermostat Terminal	69 - 13
B065 4124	Front Heater Holder	69 - 3
B065 4127	Thermostat Housing	69 - 9
B065 4129	Sheet:Fiber:Side Plate	71 - 20
B065 4130	Thermostat Housing - Middle	69 - 7
B065 4131	Rear Thermistor Bracket	69 - 16
B065 4132	Middle Thermistor Cover	69 - 5
B065 4133	Lower Fusing Entrance Plate - 120V	67 - 2
B065 4135	Lower Fusing Entrance Plate - 240V	67 - 2
B065 4138	Side Plate Cover	67 - 6
B065 4139	Switch Holder	71 - 14
B065 4140	Lower Guide Plate - Exit	71 - 17
B065 4141	Spring Plate - Switch	71 - 13
B065 4150	Front Harness	69 - 12
B065 4151	Rear Harness	69 - 14

Part No.	Description	Page and Index No.
B065 4154	Rear Fusing Plate	73 - 31
B065 4155	Fusing Harness (120V)	69 - 20
B065 4156	Fusing Harness (230V)	69 - 20
B065 4157	Connector Bracket	69 - 19
B065 4159	Harness Holder	69 - 18
B065 4160	Cleaning Roller Guide Plate	71 - 12
B065 4161	Left Support Bracket	71 - 11
B065 4164	Right Support Bracket	71 - 8
B065 4167	Decal - Fusing Knob	159 - 15
B065 4167	Decal - Fusing Knob	65 - 6
B065 4170	Rear Heater Holder	69 - 17
B065 4177	Front Pressure Lever	71 - 3
B065 4178	Rear Pressure Lever	71 - 4
B065 4179	Stripper Pawls Plate	115 - 15
B065 4180	Spacer - 16mm	69 - 29
B065 4184	Stripper Pawls Grip	67 - 17
B065 4185	Exit Plate	67 - 9
B065 4188	Front Lock Pawl	67 - 16
B065 4189	Rear Lock Pawl	67 - 21
B065 4207	Web Shaft	65 - 8
B065 4210	Rear Bushing - Oil Supply Roller	65 - 15
B065 4211	Pressure Roller Gear	65 - 12
B065 4217	Web Bracket	65 - 13
B065 4219	Web End Feeler	65 - 38
B065 4221	Feeler Spring	65 - 37
B065 4222	Gear - 37Z	65 - 20
B065 4223	Motor Gear	65 - 30
B065 4225	Motor Plate Bracket	65 - 28
B065 4231	Web Cover	65 - 26
B065 4232	Feeler Guard Bracket	65 - 23
B065 4234	Stopper Gear	65 - 35
B065 4235	Web Idle Gear	65 - 33
B065 4238	Gear - 50Z	65 - 32
B065 4241	Gear	65 - 21
B065 4244	Gear - 23Z	65 - 31

Part No.	Description	Page and Index No.
B065 4246	Spring Plate	65 - 24
B065 4247	Brake Pad	65 - 22
B065 4248	Web Harness	65 - 34
B065 4249	Stay:Exit:Right:Ass'Y	77 - 12
B065 4251	Positioning Plate - Web Unit	65 - 39
B065 4252	Left Exit Tray	77 - 2
B065 4254	Lower Entrance Guide Plate	75 - 15
B065 4255	Insulator	65 - 1
B065 4262	Lock Lever Bracket	73 - 2
B065 4266	Lever Contact Bracket	73 - 6
B065 4274	Decal - Misfeed Removal	159 - 19
B065 4276	Decal:D1/E1:Multi	65 - 2
B065 4276	Decal:D1/E1:Multi	159 - 20
B065 4306	Front Exhaust Side Plate	115 - 4
B065 4307	Rear Exhaust Side Plate	115 - 16
B065 4317	Idle Pulley - 11mm	77 - 22
B065 4358	Paper Feed Sensor Bracket	73 - 12
B065 4359	Grip Supporter	73 - 17
B065 4360	Spring Plate	73 - 27
B065 4363	Upper Grip	73 - 16
B065 4373	Upper Exit Guide Plate	73 - 20
B065 4374	Exit Entrance Sensor Bracket	73 - 23
B065 4390	Fusing Exitguide Plate	67 - 4
B065 4397	Release Slider	67 - 15
B065 4398	Slider Cover	67 - 11
B065 4413	Exit Gate Pawl	75 - 11
B065 4422	Guide Plate Lever	77 - 8
B065 4424	Exit Arm Pad	77 - 7
B065 4441	Exit Drum Stay	75 - 4
B065 4453	Middle Exit Guide Plate	73 - 29
B065 4458	Exit Drawer Bracket	77 - 18
B065 4459	Rear Harness Bracket	77 - 11
B065 4460	Bracket:Harness:Plate:Front	77 - 10
B065 4470	Support Bracket	73 - 7
B065 4480	Decal - Cover	159 - 21

Part No.	Description	Page and Index No.
B065 4480	Decal - Cover	15 - 7
B065 4481	Decal - Exit	159 - 22
B065 4481	Decal - Exit	65 - 3
B065 4495	Relay Harness - Guide Plate	73 - 24
B065 4496	Relay Harness -exit	73 - 14
B065 4497	Exit Harness	77 - 17
B065 4499	Exit Detection Harness	115 - 22
B065 4531	Guide Plate Lever	79 - 30
B065 4619	Support Bracket	87 - 25
B065 4627	Front Side Plate	81 - 11
B065 4632	Joint Holder	81 - 19
B065 4644	Sensor Bracket	81 - 22
B065 4647	Invertor Lever	81 - 4
B065 4648	Lever Cam	81 - 28
B065 4671	Duplex Lock Arm	79 - 5
B065 4672	Release Lever Bracket	79 - 8
B065 4675	Duplex Release Bracket	79 - 6
B065 4681	Front Jogger Fence	83 - 19
B065 4682	Rear Jogger Fence	83 - 21
B065 4683	Spring Plate - Rear Jogger Fence	83 - 20
B065 4692	Front Jogger Fence Slider	87 - 10
B065 4693	Rear Jogger Fence Slider	87 - 11
B065 4694	Jogger Guide Rod	85 - 13
B065 4696	Jogger Motor Bracket	83 - 10
B065 4699	Jogger H.P. Sensor Bracket	87 - 1
B065 4715	Exit Reverse Sensor Bracket	87 - 15
B065 4720	Left Duplex Table	83 - 18
B065 4725	Right Duplex Bracket	79 - 16
B065 4726	Right Guide Table	79 - 14
B065 4727	Right Sensor Bracket	79 - 18
B065 4728	Spring Plate - Right Table Guide	79 - 13
B065 4730	Lower Transport Guide Plate	79 - 23
B065 4731	Spring Plate - Driven Roller	79 - 22
B065 4733	Duplex Gate Pawl	87 - 4
B065 4738	Gate Pawl Cushion	87 - 5

Part No.	Description	Page and Index No.
B065 4789	Transport Motor Bracket	83 - 8
B065 4790	Drawer Bracket - 32p	87 - 23
B065 4791	Drawer Bracket - 12p	87 - 21
B065 4797	Caution Decal - Duplex	159 - 23
B065 4797	Caution Decal - Duplex	79 - 2
B065 4830	Holder Bracket	115 - 21
B065 4860	Lower Duplex Bracket	87 - 6
B065 4865	Spacer	87 - 7
B065 4866	Reverse Knob	81 - 1
B065 4867	Decal - Guide Plate Lever	159 - 24
B065 4867	Decal - Guide Plate Lever	79 - 29
B065 4933	Guide Plate Lever Hook	79 - 28
B065 4980	Duplex Harness - 32p	87 - 24
B065 4981	Duplex Harness - 12p	87 - 22
B065 4987	Upper Duplex Stay	79 - 10
B065 5041	Safety Switch Lever	111 - 2
B065 5147	IC - CDIC3	131 - 1
B065 5158	IC - RF5C608	131 - 2
B065 5422	Duplex DRB Harness	105 - 19
B065 5445	Finisher Cnb Harness	105 - 21
B065 5453	Relay Polygon Motor Harness	23 - 12
B065 5489	Harness	23 - 2
B065 5700	Rear Paper Bank Harness	109 - 10
B065 5802	CNB Board Bracket	103 - 20
B065 5804	Charge Power Pack Bracket	103 - 14
B065 5805	Css Bracket	103 - 6
B065 5807	Finisher Cable Bracket	105 - 22
B065 5808	LCT Cable Bracket	91 - 1
B065 5811	Safety Switch Bracket	111 - 3
B065 5814	Harness Guide	105 - 12
B065 5816	Safety Switch Harness Cover	111 - 5
B065 5817	Slide Rail Cover	105 - 17
B065 5818	Main Switch Harness Guide	105 - 9
B065 5868	Clamp	105 - 14
B065 5871	PFC Board Bracket	107 - 4

Part No.	Description	Page and Index No.
B065 5872	Lower PFC Board Stay	107 - 6
B065 5873	Upper PFC Board Stay	107 - 5
B065 5878	Upper PSU Stay	109 - 19
B065 5879	Right PSU Stay	107 - 12
B065 5893	Counter Bracket	113 - 8
B065 6078	LCT Stay	37 - 9
B065 6116	Upper Heat Sink	117 - 7
B065 6122	Micro Switchbracket	37 - 6
B065 6135	Lock Arm - Tandem Tray	117 - 5
B065 6136	Tray Lock Arm	119 - 3
B065 6172	Paper Tray Stopper	109 - 18
B065 6191	Side Plate - Paper Tray	119 - 11
B065 6264	Guide Stay	117 - 12
B065 6306	Reverse Drive Shaft	35 - 25
B065 6307	Reverse Driven Shaft	35 - 34
B065 6317	Relay Shaft	35 - 9
B065 6330	Rear Side Plate - Paper Feed	35 - 12
B065 6333	Reverse Haousing	35 - 32
B065 6334	Heat Sink Base	33 - 31
B065 6336	Front Side Plate - Paper Feed	35 - 30
B065 6337	Heat Sink	33 - 32
B065 6338	Heat Sink Sheet	33 - 33
B065 6345	Paper End Sensor Bracket	33 - 21
B065 6346	Paper Tray Link	35 - 15
B065 6350	Pick-up Gear Cover	33 - 4
B065 6353	Feed Gear Cover	33 - 26
B065 6357	Pick-up Arm	33 - 6
B065 6358	Paper Feed Sensor Bracket	33 - 12
B065 6364	Feed Stay	33 - 14
B065 6366	Drive Bracket	33 - 27
B065 6371	Support Guide Plate	35 - 31
B065 6372	Guide Plate	35 - 1
B065 6375	Paper Feed Unit Stay	33 - 15
B065 6394	Motor Bracket	35 - 39
B065 6402	Transport Pressure Plate	37 - 4

Part No.	Description	Page and Index No.
B065 6403	Front Side Plate - Vertical Transpo	37 - 17
B065 6404	Rear Side Plate - Vertical Transpor	37 - 19
B065 6407	Transport Pressure Plate	37 - 23
B065 6415	Motor Base	35 - 29
B065 6427	Release Lever - Vertical Transport	37 - 15
B065 6428	Release Button - Vertical Transport	37 - 14
B065 6445	Feed Lever	33 - 10
B065 6452	Tray Link Guide	35 - 14
B065 6453	Transport Roller Lever	35 - 5
B065 6454	Driven Release Lever	35 - 7
B065 6455	Driven Pressure Lever	35 - 8
B065 6456	Vertical Transport Link	35 - 20
B065 6457	Driven Pressure Lever	33 - 29
B065 6524	Bottom Plate Lift Shaft	31 - 30
B065 6526	Lift Lever	31 - 31
B065 6538	Positioning Stopper Lever	31 - 13
B065 6545	Decal - Positioning	31 - 8
B065 6545	Decal - Positioning	159 - 25
B065 6581	Paper Tray Holder Stay	31 - 33
B065 6588	Right Support Plate	31 - 6
B065 6589	Left Support Plate	31 - 16
B065 6591	Paper Tray Holder Base	31 - 20
B065 6706	Paper Volume Sensor Bracket	27 - 9
B065 6712	End Fence Guide	29 - 7
B065 6717	Paper Volume Shield Plate	29 - 34
B065 6743	Right Bracket	29 - 22
B065 6767	Right Connecting Bracket	109 - 9
B065 6769	Lock Arm	109 - 3
B065 6774	Slidebracket	117 - 11
B065 6776	Tandem Tray Stay	117 - 14
B065 6777	Supporting Plate	117 - 1
B065 6783	Slide Rail Base	119 - 5
B065 6823	Timing Belt Cover	25 - 19
B065 6830	Pulley Bracket	25 - 23
B065 6831	Sensor Bracket	25 - 13

Part No.	Description	Page and Index No.
B065 6846	Decal - Paper Set - Left	159 - 26
B065 6846	Decal - Paper Set - Left	25 - 5
B065 6859	Right Stopper	27 - 2
B065 6862	Large Lever	29 - 23
B065 6864	Small Lever	29 - 30
B065 6870	Stay -rightbase	29 - 32
B065 6872	Oil Damper Bracket	29 - 35
B065 6873	Sensor Bracket	27 - 23
B065 6874	Bracket -paper Volumesensor	27 - 14
B065 6875	Protection -inner Cover	27 - 5
B065 6877	Decal - Paper Set - Right	27 - 6
B065 6877	Decal - Paper Set - Right	159 - 27
B065 6881	Detector Bracket	29 - 8
B065 6884	Detector Bracket	29 - 11
B070 1307	Decal:Paper Set Direction	13 - 3
B070 1307	Decal:Paper Set Direction	159 - 28
B070 2114	Filter - Toner	111 - 9
B070 2364	Charge Corona Wire	53 - 19
B070 2365	Cleaner Motor Cover	53 - 4
B070 3115	Bushing:4mm	51 - 6
B070 6666	Left DC Motor Bracket	25 - 33
B070 6683	Lever:Release:Front	29 - 2
B070 6684	Lever:Release:Rear	29 - 14
B070 6877	Large Drum Stay Ground Plate	99 - 4
B098 1342	Hinge:Upper	13 - 4
B098 6639	Tray Bottom Plate:Left Middle:Ass'y	25 - 10
B098 6640	Tray Bottom Plate:Left Front	25 - 9
B098 6642	Tray Bottom Plate:Left Rear	25 - 11
B098 6643	Side Fence:Tandem Lct:Left Front	25 - 8
B098 6644	Side Fence:Tandem Lct:Left Rear	25 - 15
B098 6645	Side Plate:Tandem Lct:Left Sideways	25 - 7
B098 6646	Bracket:Cover:Tandem LCT	25 - 4
B098 6647	End Fence:Auxiliary	25 - 6
B098 6649	Cover:Rear:Tandem Lct:Ass'y	25 - 16
B098 6670	Base:Tandem Lct:Right:Ass'y	27 - 13

Part No.	Description	Page and Index No.
B098 6693	Shield:Frame:Paper Bank:Upper	119 - 10
B098 6736	Side Fence:Tandem Lct:Right Front	27 - 8
B098 6738	Side Fence:Tandem Lct:Right Rear	27 - 15
B098 6739	Supporting Plate:Tandem:Right Rear	27 - 16
B101 5993	Interface Panel	99 - 2
B110 3091	Entrance Seal Ass'y	49 - 4
B110 3777	Cover Temperature & Humidity Sensor	107 - 15
B110 4117	Upper Fusing Cover	67 - 7
B132 1226	Holder:Stand	13 - 29
B132 1463	Hinge Shaft	111 - 18
B132 1526	Door Catch	13 - 7
B132 1531	Panel:Logo	13 - 12
B132 4780	Stepper Motor:Reverse:Ass'y	83 - 1
B132 5925	Cover:Connector:Control Board	99 - 3
B132 6620	Paper Feed Unit	37 - 1
B132 6620	Paper Feed Unit	33 - 35
B132 6655	Stepper Motor:Paper Feed Unit:Ass'y	41 - 13
B132 6655	Stepper Motor:Paper Feed Unit:Ass'y	35 - 38
B132 6659	DC Solenoid:Pickup:Ass'y	33 - 17
B132 6670	DC Solenoid:Reverse:Ass'y	35 - 28
B132 6692	Slide Rail:Left:Sub-ass'y	119 - 4
B132 6693	Slide Rail:Right:Ass'y	119 - 6
B132 6726	Bracket:Arm:Ass'y	109 - 1
B132 6742	Left Rail Bracket	117 - 3
B132 6759	DC Motor:Rise:Tandem LCT:Ass'y	109 - 6
B132 6762	DC Solenoid:Coupling:Ass'y	109 - 20
B132 6763	Bracket:Connector:Left	109 - 13
B132 6765	DC Solenoid:Lock:Ass'y	109 - 7
B132 6770	Paper Tray:Universal:Dom:Ass'y	31 - 1
B132 6783	Arm:End Fence:Lock	31 - 28
B132 6785	Tray Bottom Plate:Ass'y	31 - 18
B132 6786	Decal:Paper Tray:Paper Set Direction	31 - 7
B132 6788	Link:End Fence	31 - 2
B132 6789	Link:Side Fence	31 - 3
B132 6791	Plate:Side Fence	31 - 11

Part No.	Description	Page and Index No.
B132 6793	Side Fence:Front:Ass'y	31 - 14
B132 6795	Side Fence:Rear:Ass'y	31 - 27
B132 6797	Side Fence:Rear:Auxiliary	31 - 22
B132 6798	Spring Plate:Paper Tray:Earth	31 - 4
B132 7545	Base:Tandem Lct:Right:Welding	29 - 27
B132 7547	DC Solenoid:End Fence:Front:Ass'y	29 - 1
B132 7564	Slider:Back Fence:Left	25 - 22
B132 7571	DC Solenoid:End Fence:Rear:Ass'y	29 - 12
B132 7580	Harness - Paper Feed Unit Lower	33 - 20
B132 7581	Harness - Paper Feed Unit Upper	33 - 19
B140 1132	Stepper Motor Bracket	89 - 4
B140 1173	Fusing Drive Sub-unit Joint	89 - 14
B140 1304	Left Upper Cover	15 - 9
B140 2291	Bushing:Screw Shaft:Rear	53 - 12
B140 2292	Case:Charge Corona	53 - 28
B140 2382	Pre-transfer Lamp Case Ass'y	57 - 21
B140 2413	Entrance Transfer Stay Ass'y	57 - 19
B140 2421	Pre-transfer Lamp Harness Plate	57 - 24
B140 2614	Upper Front Registration Guide	39 - 7
B140 2622	Lower Front Registration Guide	39 - 8
B140 2647	Open And Close Guide Ass'y	43 - 9
B140 2665	Paper Bank Guide Plate Ass'y	43 - 20
B140 2671	Exit Duplex Guide Ass'y	43 - 15
B140 3099	Shield - Drum Front	49 - 3
B140 3100	Shield - Drum Rear	49 - 6
B140 3253	Drum Stay:Development:Upper:Peen	113 - 4
B140 4174	Grip:Fusing Unit:Front:Ass'y	67 - 5
B140 4209	Bracket:Stopper:Ass'y	65 - 11
B140 4308	Eft Reverse Guide Plate Ass'y	77 - 4
B140 4311	Upper Exit Guide Plate	115 - 2
B140 4312	Left Rise Guide Plate	115 - 6
B140 4313	Exhaust Cover Ass'y	115 - 3
B140 4354	Upper Exhaust Guide Plate	73 - 15
B140 4640	Upper Entrance Guide Plate Ass'y	81 - 25
B140 4710	Upper Transport Guide Plate Ass'y	87 - 18

Part No.	Description	Page and Index No.
B140 4800	Exit Duplex Guide Plate	79 - 11
B140 5325	Brushless Motor DC24V/20.7W	89 - 1
B140 5509	Harness - Power Source BCU DRB	103 - 16
B140 5803	DRB Bracket	103 - 22
B140 5836	Ground Plate 5	99 - 5
B140 6221	Heat Sink:Heater:Lower:Sub-ass'y	119 - 14
B140 6226	Heat Sink:Heater:Lower:EU:Ass'y	117 - 15
B140 6339	Paper Feed Guide Plate	33 - 23
B140 6361	Paper Bank Connecting Guide Plate	37 - 2
B140 6377	Ground Plate:Reverse:Paper Feed Unit	33 - 36
B140 6378	Ground Plate:Stepper Motor:Paper Feed Unit	35 - 42
B234 1378	Decal - Total Counter	159 - 29
B234 1378	Decal - Total Counter	13 - 21
B234 2123	Cushion - Wire	53 - 22
B234 2270	LED Array	57 - 22
B234 2270	LED Array	55 - 4
B234 2279	Density Sensor P	59 - 21
B234 3892	Decal - Lever Release Transfer	159 - 30
B234 3892	Decal - Lever Release Transfer	13 - 16
B234 5563	PCB DDR-DIMM 128Mb	101 - 15
B234 6690	Plate:Paper:Ass'Y	27 - 7
B234 8510	Decal:Size Indication:Multi-Language:C3	13 - 34
B246 1376	Decal:Caption:Interface	15 - 12
B246 1376	Decal:Caption:Interface	159 - 39
B246 3841	Heater:120V	113 - 11
B246 3843	Heater:240V	113 - 11
B246 3854	Transfer Unit	61 - 14
B246 5623	Harness:AC Power Supply:CTL-PSU:EU	97 - 8
B246 5676	Power Supply Cord:NA:Ass'y	107 - 11
B246 5677	Power Supply Cord:EU	107 - 11
B246 6605	Tandem LCT:Right:Letter	27 - 1
B246 6615	Tandem Lct:Left:Letter	25 - 3
B246 9510	OPC Drum	55 - 17
B247 1024	Brushless Motor DC24V/24W	89 - 19
B247 1027	Tension Spring:7.75n	89 - 8

Part No.	Description	Page and Index No.
B247 1084	Guide Plate:Positioning Pin:Duplex:Ass'y	91 - 20
B247 1095	Sirocco Fan Motor DC24V/8W	103 - 5
B247 1110	Brushless Motor DC24V/25W	91 - 19
B247 1122	Bracket:Tightener:Ass'y	91 - 18
B247 1133	Base:Stepper Motor:Ass'y	89 - 7
B247 1136	Shaft:Fusing Drive Sub-unit	89 - 12
B247 1140	Drum Shaft:Ass'y	91 - 9
B247 1149	Joint:Transfer Drive:Ass'y	91 - 26
B247 1154	Electrode Plate:Drum Shaft:Ass'y	91 - 6
B247 1166	Shaft:Drive:Duplex:Ass'y	89 - 22
B247 1223	Hinge:Lower:Ass'y	13 - 9
B247 1224	Front Door Ass'y	13 - 6
B247 1234	Ozone Filter - Rear	15 - 22
B247 1237	Exhaust Duct Cover	15 - 25
B247 1305	Cover - Rear Upper	15 - 21
B247 1306	Capaciter Louver	15 - 17
B247 1308	Cover - Rear Lower	15 - 26
B247 1312	Inner Cover - Operation Panel	17 - 1
B247 1313	Inner Cover	13 - 17
B247 1315	Inner Cover - Main Switch	13 - 14
B247 1316	Inner Cover - Fusing Unit Upper	13 - 15
B247 1325	Cover - Main Switch	13 - 8
B247 1332	Louver Filter	15 - 19
B247 1354	Seal - Duct Cover	15 - 11
B247 1361	Decal:Misfeed Removal:Main	13 - 2
B247 1361	Decal:Misfeed Removal:Main	159 - 40
B247 1852	Imaging Unit	23 - 3
B247 1859	Laser Diode Unit	23 - 6
B247 2010	Charge Corona Unit	53 - 3
B247 2260	PCU Unit - Lower	55 - 18
B247 2270	PCU Unit - Upper	55 - 8
B247 2271	Electric Potential Sensor	55 - 6
B247 2295	Cushion - Spacer	53 - 11
B247 2314	Bracket:Blade:Ass'y	59 - 12
B247 2322	Agitator:Ass'y	57 - 2

Part No.	Description	Page and Index No.
B247 2326	Toner Collection Coil	57 - 1
B247 2330	Brush Roller:Cleaning	57 - 7
B247 2342	Shaft:Pickoff Pawl:Swivel	59 - 17
B247 2344	Bracket:Idler:Pickoff Pawl:Ass'y	59 - 26
B247 2353	Bracket:Swivel:Blade:Ass'y	57 - 16
B247 2366	Shaft:Brush Roller:Front:Ass'y	57 - 8
B247 2377	Shaft:Connecting:Toner Recycling	55 - 14
B247 2395	Toner Recycling Ass'y	55 - 19
B247 2410	Drum Shaft Knob	53 - 1
B247 2496	Harness - PCU	113 - 21
B247 2497	Harness:PCU:Lower	59 - 20
B247 2611	Lower Registration Guide	41 - 7
B247 2623	Registration Roller:Upper:Press Fit	41 - 6
B247 2642	Lock Shaft	43 - 5
B247 2644	Rear Lock Spring	43 - 8
B247 2655	DC Solenoid 24V/16.5W	43 - 24
B247 2669	Exit Roller Spring	43 - 17
B247 2678	Duplex Exit Roller	43 - 18
B247 2754	Bracket:Tightener:Peen	43 - 25
B247 3050	Development Unit	49 - 1
B247 3161	Classification Ass'y	47 - 1
B247 3175	Bushing 8x14x8	47 - 23
B247 3176	Boss:Bearing:Agitator:Press Fit	47 - 6
B247 3200	Toner Supply Unit:Ass'y	47 - 18
B247 3258	Toner Catchpan Bottle	45 - 32
B247 3271	Contact Point Stay - Lower	45 - 31
B247 3273	Contact Point Stay - Upper	45 - 28
B247 3290	Inner Cover Ass'y	13 - 24
B247 3301	Bottle Drive Unit	45 - 1
B247 3311	Bracket:Turn:Toner Bottle:Sub-ass'y	45 - 6
B247 3316	Bracket:Hinge:Open And Close:Ass'y	45 - 29
B247 3330	Spring	45 - 27
B247 3331	Screw	45 - 21
B247 3332	Shaft:Idler:Drive:Toner Bottle	45 - 5
B247 3340	Filter:Development	55 - 9

Part No.	Description	Page and Index No.
B247 3340	Filter:Development	49 - 17
B247 3559	Base:Discharge Used Toner:Ass'y	93 - 21
B247 3570	Transport Screw:Discharge Used Toner:Ass'y	93 - 16
B247 3590	Shaft:Idler:Discharge Used Toner	93 - 9
B247 3604	Shaft:Discharge Used Toner:Classification:Ass	93 - 38
B247 3609	Shaft:Discharge Used Toner:Long:Ass'y	93 - 7
B247 3633	Transport Screw:Discharge Used Toner:Classifi	93 - 33
B247 3720	Transport Screw	47 - 7
B247 3815	Channel:Lengthwise:Middle Front:Ass'y	113 - 24
B247 3820	Positioning Plate:Transfer Unit:Ass'y	113 - 13
B247 3866	Drive Roller	61 - 6
B247 3870	Bias Roller	61 - 9
B247 3911	Toner Collection Coil	63 - 10
B247 3914	Agitator	63 - 13
B247 3925	Cleaning Roller	63 - 8
B247 3961	Shaft - On-off	63 - 6
B247 3965	Lever Shaft	63 - 3
B247 3966	DC Solenoid 24v	63 - 21
B247 3976	Harness - Transfer Unit	63 - 27
B247 4083	Shaft:Release:Stripper Pawls	67 - 22
B247 4131	Lever:Release:Front:Ass'y	71 - 2
B247 4147	Lever:Release:Pressure:Rear:Ass'y	71 - 5
B247 4168	Positioning Plate:Fusing Unit:Ass'Y	113 - 23
B247 4239	Shaft:Drive:Oil Supply Roller:Ass'y	65 - 18
B247 4242	Shaft:Drive:Rolling:Ass'y	65 - 17
B247 4247	Screw:Slider	67 - 14
B247 4258	Grip - Fusing/paper Exit Unit	73 - 1
B247 4259	Lock Lever	73 - 4
B247 4260	Shaft:Contact Point:Lever	73 - 3
B247 4263	Bracket:Shaft:Lock:Ass'y	115 - 7
B247 4273	Cover - Exit Grip	73 - 8
B247 4315	Tightener:Exit:Ass'y	77 - 19
B247 4361	Shaft:Grip:Guide Plate	73 - 19
B247 4378	Roller:Decura:Driven:Ass'y	73 - 28
B247 4381	Shaft:Contact Point:Ass'Y	73 - 30

Part No.	Description	Page and Index No.
B247 4400	Bracket:Swivel:Ass'y	77 - 15
B247 4403	Lock Spring	77 - 20
B247 4415	DC Solenoid 24V	75 - 2
B247 4421	Shaft:Pressure:Guide Plate:Ass'y	77 - 9
B247 4440	Slide Rail:Fusing/paper Exit Unit:Left:Ass'y	115 - 5
B247 4454	Tension Spring	77 - 21
B247 4455	Compression Spring	73 - 10
B247 4456	Spring - Lower Exit Roller	77 - 25
B247 4460	Exit Roller:Drive:Exit	77 - 3
B247 4463	Reverse Roller:Drive	75 - 5
B247 4500	Duplex Unit	79 - 15
B247 4590	Harness - Duplex	79 - 19
B247 4591	Right Duplex Rail	115 - 17
B247 4594	Roller:Reversal:Driven	83 - 24
B247 4615	Spacer	81 - 13
B247 4620	Side Plate:Rear:Reverse Unit:Ass'y	81 - 18
B247 4624	Roller:Driven:Duplex	81 - 8
B247 4645	Gate Pawl:Reverse	81 - 15
B247 4650	Stepper Motor:DC24V 7.2W	83 - 11
B247 4655	Bracket:Reversal:Driven:Ass'y	83 - 25
B247 4673	Shaft:Lever:Release	79 - 4
B247 4674	Release Grip	79 - 3
B247 4740	DC Solenoid 24V	87 - 27
B247 4745	DC Solenoid 24V	83 - 5
B247 4785	Stepper Motor:DC5.12V 3.1W	83 - 6
B247 4799	Inner Cover	79 - 1
B247 4810	Bracket:Motor:Reverse:Ass'y	83 - 2
B247 4812	Roller:Transport:Driven:Left:Right	85 - 9
B247 4813	Roller:Reversal:Drive	85 - 11
B247 4815	Compression Spring	81 - 20
B247 4816	Tension Spring	81 - 12
B247 4817	Compression Spring	81 - 6
B247 4818	Reverse Roller:Entrance	81 - 17
B247 4820	Bracket:Jogger:Ass'y	87 - 28
B247 4825	Roller:Drive:Left	85 - 12

Part No.	Description	Page and Index No.
B247 4835	Rail:Left:Machine Or Copier:Ass'y	115 - 10
B247 5132	PCB PFC 3way	107 - 3
B247 5185	PCB DRB	103 - 21
B247 5226	HDD:Hitachi:80GB:Path:ROHS	97 - 7
B247 5230	PCB CNB	103 - 18
B247 5310	Toner Density Sensor	49 - 10
B247 5311	Toner End Sensor:Ass'y	47 - 11
B247 5312	DC Motor:Toner Bottle:Ass'y	45 - 4
B247 5320	PCB Sync Detector	23 - 23
B247 5403	Cable - LVDS LDB	23 - 1
B247 5416	Harness - Upper	95 - 1
B247 5417	Harness - Left	95 - 5
B247 5420	Harness - CNB Upper	103 - 19
B247 5421	Harness - Safety Switch	103 - 17
B247 5430	Harness - Switch:Laser Diode	111 - 1
B247 5437	Harness - Laser Diode Control	23 - 5
B247 5451	Harness - IPU BCU	101 - 8
B247 5453	Harness - Sync Detector	101 - 6
B247 5454	Harness - LDB	101 - 5
B247 5456	Harness - LDB Power Source	101 - 7
B247 5460	Harness - PWRCTL	97 - 9
B247 5461	Harness - PWRCTL	107 - 14
B247 5477	Harness - Laser Diode Unit	23 - 4
B247 5483	Harness - Bank Safety Switch	107 - 2
B247 5500	Harness - DC PSU CNB BCU	103 - 15
B247 5502	Harness - DC Power Supply PFC	107 - 8
B247 5515	Harness - DC Power Supply MB	97 - 11
B247 5516	Harness - DC PCU	97 - 10
B247 5551	Harness - HDD Power Source	97 - 5
B247 5552	Harness:HDD:IDE:Ass'y	97 - 6
B247 5601	Harness - Bank Dehumidifier	107 - 10
B247 5622	Harness - AC Power Supply CTL-PSU	97 - 8
B247 5701	Harness - Bank Front 3way	107 - 1
B247 5711	BCU Bracket	95 - 4
B247 5712	Hinge Bracket - Lower	105 - 18

Part No.	Description	Page and Index No.
B247 5715	Main Switch Bracket	111 - 6
B247 5823	Control Unit Hinge - Upper	97 - 15
B247 5824	Control Unit Hinge - Lower	97 - 16
B247 5825	Upper Arm	105 - 20
B247 5826	Lower Arm	107 - 17
B247 5827	Hinge Stay - Upper	105 - 13
B247 5834	HDD Bracket	97 - 2
B247 5835	HDD Stay	97 - 1
B247 5836	Insulating Sheet - HDD	101 - 11
B247 5837	Insulating Sheet - Power Source	101 - 12
B247 5838	Cover:Control Unit	97 - 18
B247 5862	IPU Bracket	101 - 1
B247 5863	Harness Bracket	101 - 17
B247 5864	Cover - Image Processing Unit	101 - 16
B247 5868	Cover - HDD	101 - 18
B247 5869	Cover - CSS	99 - 14
B247 5872	Stay:Option	99 - 15
B247 5874	Holder:Power Pack:C3	105 - 7
B247 5875	Frame:Upper:Control Unit	101 - 3
B247 5878	Duct Bracket - Lower	97 - 14
B247 5879	Cover - SD-Card	107 - 13
B247 5879	Cover - SD-Card	99 - 1
B247 5881	Cover - Fax	99 - 12
B247 5882	Cover - 1CH	99 - 13
B247 5883	Cover 2CH	99 - 7
B247 5884	Connector Side Plate Bracket	101 - 4
B247 5889	Bracket - Mother Board HDD	101 - 9
B247 5891	Bracket - Mother Board PSU	101 - 10
B247 6174	Bracket:Positioning:Paper Tray:Ass'y	119 - 12
B247 6177	Bracket - Paper Size Sensor	119 - 1
B247 6177	Bracket - Paper Size Sensor	109 - 14
B247 6184	Inner Cover	13 - 27
B247 6252	Slide Rail - Right	117 - 13
B247 6254	Slide Rail - Left	117 - 6
B247 6421	Transport Unit:Vertical Transport:Ass'Y	37 - 18

Part No.	Description	Page and Index No.
B247 6426	Lever:Release:Vertical Transport	37 - 13
B247 6430	Cover:Release:Vertical Transport	37 - 11
B247 6603	Tandem LCT Unit - Left	25 - 3
B247 6605	Tandem LCT:Right:Ass'y (A4)	27 - 1
B247 6624	Back Fence - Left	25 - 18
B247 6630	Cover - Tandem LCT	25 - 1
B247 6632	Paper Tray Cover - Long	31 - 34
B247 6633	Paper Tray Cover - Short	31 - 35
B247 6634	Grip - Paper Tray Cover	31 - 5
B247 6634	Grip - Paper Tray Cover	25 - 39
B247 6672	Guide:Interlock:Tandem LCT	27 - 20
B247 6694	Pulley:Drive Were:ASS'Y	29 - 19
B247 6701	Harness - Tandem LCT Left	25 - 26
B247 6703	Harness - Tandem LCT Right	29 - 21
B247 6713	End Fence - Front	29 - 6
B247 6714	End Fence - Rear	29 - 10
B247 6745	Inner Cover - Tandem LCT	27 - 4
B247 6753	Lock Spring - Large	109 - 5
B247 6754	Lock Spring - Small	109 - 4
B247 6755	Tension Spring - 10n	25 - 31
B247 6792	Base:Slide Rail:Tandem LCT:Peen	117 - 4
B247 6800	Harness - Paper Size Sensor	109 - 15
B247 6800	Harness - Paper Size Sensor	119 - 16
B247 6950	Shaft:Slider:Back Fence	25 - 21
B247 6951	Bracket:Pulley:Driven:Ass'y	25 - 32
B247 6958	Shaft:Drive:Tray Bottom Plate:Right:Press Fit	29 - 18
B247 6970	Base:Tandem Lct:Left:Ass'y	25 - 38
B247 6982	Stepped Screw - M5	37 - 3
B622 5874	Rail:Fax Control Unit	99 - 11
B645 5010	SD-Card:Ass'y	161 - 4
G029 1982	LD Decal	21 - 4
G029 1982	LD Decal	159 - 41
G126 1260	Cover Upper	17 - 11
G126 1261	Cap Cover	17 - 10
G126 1419	Decal:User Cautions:Operation Sub-Unit	17 - 14

Part No.	Description	Page and Index No.
G126 1691	Cover Polygon Mirror Motor Ass'y	21 - 5
G126 3342	Decal:Toner:Supply:P1EXP	159 - 42
G126 3345	Decal:Toner:Supply:P1DEU	159 - 42
G126 3346	Decal:Toner:Supply:P1FRA	159 - 42
G126 3347	Decal:Toner:Supply:P1ITA	159 - 42
G126 3348	Decal:Toner:Supply:P1ESP	159 - 42
G126 5406	Harness - OPU Earth	17 - 8
G126 5891	Bracket Plug	105 - 24
G126 5892	Bracket:Power Pack:Development	105 - 6
G126 5894	Cover Plug	105 - 23
G133 5760	ASIC:QUENA2	145 - 2
G332 5721	PCB:SDRAM-DIMM:256Mb:PBF:Ass'y	99 - 16
G570 2827	Supporting Plate	23 - 16
G810 1031	LED Base Stand	19 - 8
G810 1211	LED Stand Front Cover	19 - 4
G810 1220	LED Stand Rear Cover	19 - 7
G810 5260	PCB SWB Machine Or Copier Ass'y	19 - 2
G810 5261	PCB SWB LED Ass'y	19 - 5
G810 5407	Harness - SWB	19 - 1
G810 5408	Cable - SWB	19 - 3
G840 1020	LED Display Unit	19 - 6
H053 1150	Stepped Screw - Locking	61 - 18
H053 2208	Bushing - M4	93 - 20

Part No.	Description	Page and Index No.
AA00 0059	Caution Decal - English	15 - 4
AA00 1213	Decal - B2	159 - 4
AA00 1213	Decal - B2	43 - 4
AA00 1394	Decal - Toner Supply	159 - 5
AA00 1394	Decal - Toner Supply	45 - 14
AA00 2010	Decal - Paper Level	159 - 6
AA00 2010	Decal - Paper Level	27 - 21
AA00 2010	Decal - Paper Level	31 - 21
AA00 2010	Decal - Paper Level	25 - 14
AA00 2246	Decal - Caution	159 - 7
AA00 2246	Decal - Caution	27 - 3
AA00 3211	Decal:Paper Tray:Display:1	159 - 8
AA00 3211	Decal:Paper Tray:Display:1	25 - 2
AA00 3212	Decal:Paper Tray:Display:2	159 - 9
AA00 3212	Decal:Paper Tray:Display:2	31 - 9
AA00 3213	Decal:Paper Tray:Display:3	31 - 26
AA00 3213	Decal:Paper Tray:Display:3	159 - 10
AA01 0114	Front Ozone Filter	15 - 23
AA01 2128	Machine Or Copier Filter	15 - 18
AA02 1034	Magnetic	83 - 12
AA04 0056	Driven Roller	75 - 7
AA04 0056	Driven Roller	77 - 5
AA04 3269	Timing Belt - S2M114	89 - 5
AA04 3271	Timing Belt S3m 196t	25 - 24
AA04 3290	Timing Belt	77 - 24
AA04 3291	Timing Belt	83 - 4
AA04 3292	Timing Belt	83 - 9
AA04 3293	Timing Belt - 40S2M268G	85 - 10
AA04 3294	Timing Belt - 40S2M810G	87 - 9
AA04 3575	Timing Belt	35 - 18
AA04 3576	Timing Belt	35 - 33
AA04 3945	Timing Belt	91 - 22
AA04 3946	Timing Belt	89 - 18
AA04 3948	Timing Belt	91 - 15
AA06 0291	Spring	47 - 24

Part No.	Description	Page and Index No.
AA06 0291	Spring	45 - 3
AA06 0534	Tray Lock Spring - 19mm	119 - 2
AA06 0539	Stripper Pawl Spring	67 - 12
AA06 0592	Lock Spring - Tandem Tray	117 - 2
AA06 0757	Tension Spring - Long	29 - 5
AA06 0758	Tension Spring - Short	29 - 3
AA06 0792	Tension Spring	91 - 17
AA06 0806	Spring	83 - 16
AA06 0890	Spring	43 - 29
AA06 0891	Spring	55 - 11
AA06 0892	Pick-off Pawl Spring	59 - 3
AA06 0893	Spring	71 - 1
AA06 0894	Spring	67 - 8
AA06 0896	Spring	33 - 30
AA06 0897	Spring	33 - 18
AA06 0898	Spring	33 - 8
AA06 0899	Spring	33 - 11
AA06 0900	Spring	35 - 21
AA06 0901	Spring	35 - 17
AA06 0902	Spring	75 - 1
AA06 0903	Spring	73 - 5
AA06 0904	Spring	35 - 40
AA06 0914	Stripper Pawls Spring	67 - 25
AA06 0916	Slider Spring	67 - 13
AA06 0961	Tension Spring:Side Fence:Rear	31 - 29
AA06 2284	Pressure Spring	53 - 20
AA06 2318	Spring	87 - 19
AA06 2318	Spring	81 - 2
AA06 2319	Spring	87 - 26
AA06 2320	Spring	79 - 7
AA06 3052	Turret Spring	111 - 17
AA06 3248	Charge Terminal Spring	53 - 14
AA06 3249	Grid Terminal Spring	53 - 15
AA06 3268	Connector Spring	109 - 17
AA06 3310	Guide Plate Spring	61 - 19

Part No.	Description	Page and Index No.
AA06 3366	Chuck Spring	45 - 24
AA06 3487	Spring - 10mm	37 - 22
AA06 3490	Spring - 21.6mm	89 - 13
AA06 3576	Spring	59 - 30
AA06 3581	Compression Spring	79 - 25
AA06 3610	Spring - 4060mn	59 - 10
AA06 3654	Spring	91 - 28
AA06 3655	Spring	83 - 23
AA06 3851	Pressure Spring	65 - 36
AA06 3877	Spring	63 - 7
AA06 3878	Spring	37 - 10
AA06 3879	Spring	73 - 25
AA06 3880	Spring	109 - 11
AA06 3880	Spring	105 - 15
AA06 3886	Spring	65 - 10
AA06 3889	Heat Sink Spring	33 - 34
AA06 6352	Spring	67 - 20
AA06 6353	Spring	79 - 12
AA06 6592	Spring	73 - 22
AA06 6651	Spring	89 - 16
AA07 0072	Slide Rail:Tandem LCT	117 - 10
AA07 0077	Slide Rail - Right	113 - 17
AA08 0034	Bushing - 4x5x7	83 - 22
AA08 0034	Bushing - 4x5x7	43 - 16
AA08 0034	Bushing - 4x5x7	73 - 9
AA08 0034	Bushing - 4x5x7	81 - 7
AA08 0037	Bushing - 6mm	43 - 1
AA08 0037	Bushing - 6mm	39 - 17
AA08 0037	Bushing - 6mm	41 - 1
AA08 0147	Front Bushing	53 - 5
AA08 0184	Bushing - Fusing Exit	73 - 18
AA08 0240	Bushing - Mm5	73 - 26
AA08 0241	Bushing - M4	37 - 21
AA08 0274	Bushing	67 - 18
AA08 0327	Bushing - M4	35 - 3

Part No.	Description	Page and Index No.
AA08 2058	Bushing - 6x10x9mm	63 - 22
AA08 2064	Bushing - 10mm	113 - 2
AA08 2094	Bushing - Brush Roller	57 - 11
AA08 2101	Bushing - 6x10x6	59 - 19
AA08 2101	Bushing - 6x10x6	63 - 14
AA08 2101	Bushing - 6x10x6	57 - 10
AA08 2116	Bushing - M8	81 - 10
AA08 2116	Bushing - M8	43 - 11
AA08 2117	Bushing - M6	75 - 3
AA08 2118	Bushing - M6	85 - 3
AA08 2118	Bushing - M6	83 - 17
AA08 2118	Bushing - M6	81 - 9
AA08 2118	Bushing - M6	35 - 10
AA08 2118	Bushing - M6	33 - 7
AA08 2119	Roller Bushing	57 - 6
AA08 2120	Bushing	59 - 14
AA08 2121	Toner Collection Coil Bushing	57 - 3
AA08 2121	Toner Collection Coil Bushing	59 - 28
AA08 2122	Bushing	55 - 15
AA10 0006	Flat Nut - 3.6x9.5x0.8	13 - 26
AA12 0067	Anti Static Brush	115 - 1
AA13 2024	Spacer - M6	45 - 33
AA13 2024	Spacer - M6	63 - 9
AA13 2025	Spacer - 1x8x12	41 - 4
AA13 2025	Spacer - 1x8x12	91 - 27
AA13 2203	Spacer - 6mm	109 - 2
AA13 2203	Spacer - 6mm	29 - 24
AA13 2208	Spacer - M6	59 - 9
AA13 2208	Spacer - M6	57 - 9
AA13 2208	Spacer - M6	93 - 12
AA14 0686	Shaft - Timing Pulley	25 - 29
AA14 0823	Pressure Roller Shaft	69 - 28
AA14 0828	Feed Roller Shaft	33 - 9
AA14 0829	Driven Shaft	35 - 4
AA14 3129	Shoulder Screw - Front Cover	81 - 3

Part No.	Description	Page and Index No.
AA14 3183	Stepped Screw	83 - 13
AA14 3358	Stepped Screw - M4x3	39 - 10
AA14 3426	Stopped Screw - M4x17	51 - 5
AA14 3426	Stopped Screw - M4x17	81 - 26
AA14 3523	Shoulder Screw - M3	59 - 5
AA14 3544	Screw - M3	59 - 6
AA14 3548	Screw:M3X4.2	97 - 4
AA14 3559	Screw:M4:DIA5	17 - 7
AA14 3560	Stepped Screw - M4	37 - 16
AA14 3718	Stepped Screw - M4	35 - 16
AA14 3797	Connector Guide Pin	109 - 12
AA14 3797	Connector Guide Pin	105 - 16
AA14 3798	Hexagonal Bolt:M12x35	119 - 9
AA14 3801	Screw:M4:Exterior	103 - 23
AA14 3801	Screw:M4:Exterior	111 - 13
AA14 3803	Flanged Hexagonal Head Bolt:Caster	119 - 8
AA14 3807	Screw:A	75 - 14
AA14 3809	Shoulder Screw - M2.5	37 - 8
AA14 3810	Development Cover Screw	71 - 16
AA14 3810	Development Cover Screw	67 - 10
AA14 3811	Stepped Screw - M3x4	79 - 17
AA14 3811	Stepped Screw - M3x4	83 - 7
AA14 3812	Screw - Scale	35 - 6
AA14 3815	Screw - M3X3.5	97 - 17
AA14 3816	Flat Screw:Chuck: Bottle	45 - 20
AA14 9746	Stripper Shaft	67 - 26
AA15 0361	Slitter Cover Seal	47 - 13
AA15 2315	Tank Seal	15 - 13
AA15 2431	Front Drum Seal	57 - 12
AA15 2441	Case Seal	39 - 5
AA15 3085	Inner Case Seal	57 - 25
AA15 3088	Cleaning Entrance Seal - 3x345x2	57 - 15
AA15 3138	Inner Cover Cushion - Right Rear	27 - 18
AA15 3154	Duct Seal - PCU	105 - 1
AA15 3155	Duct Seal - IPS	103 - 3

Part No.	Description	Page and Index No.
AA15 3156	Exhaust Duct Seal	103 - 11
AA16 1104	Cushion - Motor	115 - 23
AA16 1104	Cushion - Motor	103 - 1
AA16 1122	Motor Cushion	89 - 3
AA16 1125	Rubber Cushion	97 - 3
AA16 1129	Cushion - Large	29 - 26
AA16 1130	Cushion - Small	29 - 29
AB01 0087	Gear - 20Z	53 - 24
AB01 1457	Transport Roller Gear	43 - 13
AB01 1459	Toner Collection Coil Gear	57 - 17
AB01 1459	Toner Collection Coil Gear	59 - 18
AB01 1460	Idler Gear	59 - 27
AB01 1460	Idler Gear	57 - 13
AB01 1461	Toner Recycling Connecting Gear	55 - 12
AB01 1462	Toner Recycling Gear	55 - 13
AB01 1463	Connecting Gear	85 - 5
AB01 1464	Turn Gear	85 - 1
AB01 1465	Idler Gear	33 - 5
AB01 1466	Gear - 35Z	33 - 25
AB01 1469	Gear - 19Z	35 - 11
AB01 1470	Gear - 18Z	35 - 13
AB01 1471	Reverse Gear	35 - 26
AB01 1482	Gear - Z40	91 - 14
AB01 1490	Gear - 38Z	35 - 23
AB01 1491	Gear - 21Z	35 - 24
AB01 1496	Gear - 32Z	85 - 6
AB01 1591	Gear:Reverse	35 - 27
AB01 2028	Gear - 19Z	75 - 6
AB01 2031	Gear	77 - 14
AB01 2315	Gear - 156Z	91 - 13
AB01 2316	Fusing Gear	69 - 22
AB01 2317	Fusing Drive Gear	71 - 22
AB01 2318	Idler Gear	71 - 21
AB01 2319	Exit Gear	71 - 7
AB01 2327	Gear:16Z	31 - 19

Part No.	Description	Page and Index No.
AB01 3747	Gear - 16Z	47 - 26
AB01 3748	Joint Gear - 15z	47 - 25
AB01 3749	Gear - 15Z	47 - 27
AB01 3781	Gear - 30Z	29 - 37
AB01 3790	Gear - 25Z	49 - 13
AB01 3798	Gear - Z18	25 - 36
AB01 4077	Registration Roller Gear	41 - 14
AB01 4176	Cam Gear - 37z	63 - 24
AB01 7449	Gear - 21Z/24T	89 - 6
AB01 7607	Gear - 22Z/39Z	43 - 26
AB01 7611	Pick-off Pawl Cam	59 - 7
AB01 7612	Gear	57 - 20
AB01 7614	Pulley	85 - 4
AB01 7615	Gear - 30Z/45Z	87 - 17
AB01 7616	Gear	83 - 3
AB01 7617	Gear - 21Z/38Z	33 - 16
AB01 7640	Gear -38/z59	91 - 16
AB01 7690	Pulley:Idler:30T/24Z	35 - 19
AB01 9197	Exit Gear	77 - 16
AB01 9200	Gear	77 - 23
AB01 9475	Gear - 48T	25 - 30
AB03 0427	Pulley - 81Z	89 - 9
AB03 0458	Pulley - 28Z	91 - 21
AB03 0578	Timing Pulley - 18Z	75 - 17
AB03 0579	Timing Pulley - 27Z	77 - 13
AB03 0583	Timing Pulley - 24Z	85 - 2
AB03 0722	Pulley - 13MM	43 - 28
AB03 0724	Pulley - 74Z	91 - 24
AB03 0725	Pulley - 89Z	89 - 20
AB03 0731	Pulley - 29Z	85 - 7
AB03 0732	Jogger Pulley	87 - 20
AB03 0733	Pulley - 20T	35 - 41
AB03 0734	Pulley - 30Z	35 - 22
AB03 2058	Wire Pulley - M10	29 - 15
AB03 2719	Pulley - M10	29 - 17

Part No.	Description	Page and Index No.
AB03 3084	Timing Pulley - 15T	25 - 27
AB03 3085	Timing Pulley - 15T	25 - 20
AC01 5037	Shield Glass	23 - 15
AC02 4007	Lens - L0	23 - 9
AC03 0147	1st Mirror	23 - 10
AC03 0148	2nd Mirror	23 - 22
AD02 2283	Front End Block	53 - 21
AD02 2285	Rear End Block	53 - 16
AD02 2306	Cover - Front End Block	53 - 25
AD02 2307	Cover - Rear End Block	53 - 17
AD02 5024	Pick-off Pawl	59 - 4
AD04 1126	Transfer Belt Cleaning Blade	63 - 1
AD04 1140	Cleaning Blade	59 - 8
AD04 7025	Exit Seal	63 - 11
AE01 1087	Hot Roller	69 - 23
AE02 0112	Pressure Roller	69 - 27
AE03 0017	Ball Bearing - 35x50x10	69 - 2
AE03 0018	Ball Bearing - 12x28x8	69 - 26
AE03 1024	Bushing - M4x7	71 - 9
AE03 1026	Bushing - Oil Supply Roller	65 - 9
AE03 1036	Bushing - 6mm	65 - 19
AE03 2014	Bushing - 30x35x13.5	69 - 1
AE04 0038	Cleaning Web Pressure Roller	65 - 14
AE04 2052	Cleaning Roller	71 - 10
AE04 4043	Hot Roller Stripper	67 - 27
AE04 5046	Cleaning Web	65 - 16
AF01 3005	Bottom Plate Pad	31 - 17
AF01 7032	End Fence	31 - 15
AF02 0295	Vertical Driven Roller	37 - 20
AF02 0562	Transport Roller	33 - 24
AF02 0564	Connecting Roller	43 - 12
AF02 0578	Entrancedecura Roller	75 - 13
AF02 0579	Exitdecura Roller	75 - 12
AF02 1075	Duplex Turn Roller	85 - 8
AF02 1079	Right Drive Roller	85 - 14

Part No.	Description	Page and Index No.
AF02 2067	Guide Stopper Roller	79 - 27
AF02 2077	Driven Roller	79 - 21
AF02 2105	Roller - Slide Rail	29 - 28
AF02 2126	Exit Roller - Driven	73 - 11
AF02 2149	Transport Roller	35 - 2
AF03 0081	Paper Feed Roller:Pickup	33 - 1
AF03 1082	Paper Feed Roller:Feed	33 - 3
AF03 2080	Paper Feed Roller:Separate	35 - 36
AF04 0055	Fusing Exit Roller	71 - 6
AF04 0561	Fusing Exit Roller - Upper	67 - 24
AG05 0092	Knob:Fusing	65 - 5
AG07 1012	Magnet Catch:Ass'y	115 - 9
AH01 2031	Caster:1470n	119 - 7
AW01 0107	Paper Feed Sensor	39 - 2
AW01 0107	Paper Feed Sensor	41 - 15
AW01 0107	Paper Feed Sensor	33 - 13
AW01 0113	Sensor	29 - 25
AW01 0119	Paper Feed Sensor	81 - 24
AW02 0145	Photointerruptor:Flat	43 - 22
AW02 0145	Photointerruptor:Flat	65 - 29
AW02 0145	Photointerruptor:Flat	87 - 3
AW02 0145	Photointerruptor:Flat	27 - 10
AW02 0145	Photointerruptor:Flat	93 - 31
AW02 0148	Paper Feed Sensor	87 - 13
AW02 0149	Paper Feed Sensor	87 - 14
AW02 0149	Paper Feed Sensor	79 - 20
AW02 0160	Paper Feed Sensor	25 - 35
AW02 0160	Paper Feed Sensor	29 - 9
AW02 0160	Paper Feed Sensor	33 - 22
AW02 0163	Paper Feed Sensor	25 - 37
AW02 0183	Photointerruptor:Exit	73 - 13
AW10 0076	Thermistor:Inner Back	69 - 15
AW10 0084	Middle Thermistor	69 - 6
AW10 0107	Thermistor	107 - 16
AW11 0026	Thermostat - 180C	69 - 10

Part No.	Description	Page and Index No.
AW11 0027	Thermostat - 179C	69 - 11
AW20 0010	Paper Feed Sensor	71 - 15
AW50 0010	Push Switch	109 - 16
AW50 0010	Push Switch	119 - 15
AW50 0023	Push Switch	93 - 4
AX04 0144	DC Motor:Rise:Paper Tray	109 - 8
AX04 0145	DC Motor:Tandem LCT	25 - 34
AX04 0147	DC Motor:Cleaner	53 - 23
AX04 0159	DC Motor 5.0V	65 - 27
AX06 0151	Stepper Motor	89 - 2
AX06 0302	Brushless Motor DC24V 2.4W	93 - 19
AX06 0324	Polygon Mirror Motor:DC24V 24W	23 - 13
AX31 0047	Total Counter:7fig:24V:MI2	113 - 7
AX40 0176	Heater:115V:18W:Upper	119 - 13
AX40 0176	Heater:115V:18W:Upper	117 - 8
AX40 0178	Heater:240V:18W:Upper	119 - 13
AX40 0178	Heater:240V:18W:Upper	117 - 8
AX44 0163	Fusing Lamp - 120V 550W	69 - 24
AX44 0164	Fusing Lamp - 230V 550W	69 - 25
AX64 0175	Fan Motor DC24V/1.44W	17 - 3
AX64 0176	Fan Motor DC24V/1.68W	13 - 18
AX64 0182	Fan Motor DC24V/2.88W	21 - 7
AX64 0183	Fan Motor DC24V/1.92W	105 - 4
AX64 0183	Fan Motor DC24V/1.92W	115 - 19
AX64 0186	Fan:Mm70:12V	97 - 13
AX65 0044	Sirocco Fan Motor DC24V/8.5W	103 - 12
AZ23 0197	Power Supply Unit	97 - 12
AZ23 0198	Power Supply Unit:CTL:EU	107 - 7
AZ24 0111	Power Supply Unit	107 - 7
AZ24 0112	Power Supply Unit:EU	97 - 12
AZ30 0057	Power Pack - Development	105 - 5
AZ32 0163	Power Pack - Charactor Generator	103 - 13
AZ32 0164	Power Pack	63 - 26
GA04 3028	Timing Belt:60S2M288	39 - 20
GA04 3029	Timing Belt:40S2M236	41 - 10

Part No.	Description	Page and Index No.
GA06 0064	Tension Spring:Tensioner	39 - 12
GA06 3065	Compression Spring	43 - 2
GA06 3065	Compression Spring	39 - 18
GB03 0037	Timing Pulley:15T	41 - 9
GB03 0038	Timing Pulley:T40	39 - 15
GB03 0039	Timing Pulley:T18	39 - 16
GB03 0042	Timing Pulley:18T	39 - 11
GC02 5010	DTL	23 - 19
GF02 0038	Transport Roller	39 - 14
GF02 2007	Transport Roller	39 - 19
GF02 2007	Transport Roller	43 - 19
GG05 0001	Knob:Registration Roller	41 - 8

Part No.	Description	Page and Index No.
0313 0040N	Screw:M3x4	117 -103
0313 0050N	Philips Pan Head Screw - M3x5	109 -104
0313 0050N	Philips Pan Head Screw - M3x5	69 - 108
0313 0060N	Screw - M3X6	107 -108
0313 0080N	Pan Head Screw:M3x8	69 - 106
0313 0080N	Pan Head Screw:M3x8	29 - 105
0313 0080N	Pan Head Screw:M3x8	25 - 103
0313 0100N	Pan Head Screw:M3x10	17 - 105
0313 0120N	Pan Head Screw:M3x12	29 - 110
0314 0040N	Pan Head Screw - M4x4	117 -104
0314 0060N	Screw - M4X6	59 - 101
0314 0060N	Screw - M4X6	27 - 101
0314 0060N	Screw - M4X6	47 - 107
0314 0060N	Screw - M4X6	25 - 105
0314 0060N	Screw - M4X6	27 - 105
0314 0080N	Philips Pan Head Screw - M4x8	21 - 102
0314 0120N	Screw - M4X12	69 - 107
0353 0040N	Screw - M3X4	35 - 101
0353 0040N	Screw - M3X4	33 - 104
0353 0050N	Screw-m3x5	83 - 104
0353 0050N	Screw-m3x5	81 - 104
0353 0060N	Bind Screw - M3x6	49 - 101
0353 0060N	Bind Screw - M3x6	77 - 111
0353 0060N	Bind Screw - M3x6	73 - 102
0353 0060N	Bind Screw - M3x6	23 - 105
0353 0080N	Screw:M3X8	23 - 101
0353 0080N	Screw:M3X8	73 - 108
0353 0120N	Screw M3x12	111 -105
0354 0060N	Screw-m4x6	65 - 108
0354 0060N	Screw-m4x6	81 - 106
0354 0080N	Screw:M4X8	49 - 105
0354 0080N	Screw:M4X8	55 - 101
0354 0080N	Screw:M4X8	47 - 108
0354 0080N	Screw:M4X8	13 - 103
0354 0080N	Screw:M4X8	65 - 109

Part No.	Description	Page and Index No.
0354 0080N	Screw:M4X8	53 - 101
0354 0080N	Screw:M4X8	45 - 108
0354 0080N	Screw:M4X8	23 - 102
0354 0080N	Screw:M4X8	93 - 103
0354 0120N	Screw M4x12	51 - 103
0354 0300N	Screw:M4X30	115 -111
0360 4006N	Screw - M4X6	117 -105
0360 4006N	Screw - M4X6	65 - 101
0360 4006N	Screw - M4X6	69 - 111
0360 4006N	Screw - M4X6	71 - 101
0360 4006N	Screw - M4X6	67 - 101
0360 4008N	Screw - M4X8	19 - 101
0360 4008N	Screw - M4X8	31 - 104
0360 4008N	Screw - M4X8	113 -105
0360 4014N	Screw - M4X14	19 - 104
0434 0060N	Pan Self-tapping Screw:M4x6	25 - 104
0434 0060N	Pan Self-tapping Screw:M4x6	29 - 104
0434 0060N	Pan Self-tapping Screw:M4x6	27 - 102
0434 0080N	Pan Self-tapping Screw:M4x8	115 -107
0450 3006N	Tapping Screw - M3x6	83 - 103
0450 3006N	Tapping Screw - M3x6	45 - 107
0450 3008N	Tapping Screw - M3x8	81 - 105
0450 3008N	Tapping Screw - M3x8	83 - 108
0450 3008N	Tapping Screw - M3x8	91 - 105
0450 3008N	Tapping Screw - M3x8	19 - 102
0450 3008N	Tapping Screw - M3x8	53 - 103
0450 3008N	Tapping Screw - M3x8	45 - 101
0450 3008N	Tapping Screw - M3x8	15 - 102
0450 3008N	Tapping Screw - M3x8	79 - 103
0450 3008N	Tapping Screw - M3x8	61 - 101
0450 3008N	Tapping Screw - M3x8	25 - 110
0450 3008N	Tapping Screw - M3x8	13 - 101
0450 3008N	Tapping Screw - M3x8	63 - 102
0450 4008N	Tapping Screw - M4x8	103 -104
0450 4008N	Tapping Screw - M4x8	17 - 102

Part No.	Description	Page and Index No.
0450 4008N	Tapping Screw - M4x8	25 - 112
0450 4008N	Tapping Screw - M4x8	105 - 102
0450 4008N	Tapping Screw - M4x8	79 - 104
0450 4008N	Tapping Screw - M4x8	47 - 105
0450 4008N	Tapping Screw - M4x8	91 - 109
0450 4008N	Tapping Screw - M4x8	31 - 106
0450 4010N	Tapping Screw:M4x10	25 - 111
0450 4010N	Tapping Screw:M4x10	13 - 102
0450 4016N	Tapping Screw - M4x16	103 - 105
0450 4035N	Tapping Screw:4x35	105 - 103
0451 3006N	Tapping Screw - 3x6	115 - 108
0451 3006N	Tapping Screw - 3x6	119 - 101
0451 3008N	Tapping Screw - M3x8	31 - 101
0451 3008N	Tapping Screw - M3x8	107 - 102
0451 3008N	Tapping Screw - M3x8	95 - 101
0451 3008N	Tapping Screw - M3x8	105 - 105
0451 3008N	Tapping Screw - M3x8	109 - 103
0451 3008N	Tapping Screw - M3x8	103 - 107
0451 3012N	Tapping Screw:3x12	15 - 103
0451 3020N	Tapping Screw:3x20	97 - 108
0451 4006N	Tapping Screw - 4x6	81 - 108
0451 4006N	Tapping Screw - 4x6	83 - 109
0451 4006N	Tapping Screw - 4x6	79 - 102
0451 4006N	Tapping Screw - 4x6	87 - 101
0451 4006N	Tapping Screw - 4x6	117 - 107
0451 4008N	Tapping Screw:4x8	111 - 102
0451 4008N	Tapping Screw:4x8	109 - 102
0451 4008N	Tapping Screw:4x8	95 - 102
0451 4008N	Tapping Screw:4x8	73 - 101
0451 4008N	Tapping Screw:4x8	91 - 101
0451 4008N	Tapping Screw:4x8	13 - 104
0451 4008N	Tapping Screw:4x8	97 - 102
0451 4008N	Tapping Screw:4x8	119 - 104
0451 4008N	Tapping Screw:4x8	77 - 105
0451 4008N	Tapping Screw:4x8	117 - 102

Part No.	Description	Page and Index No.
0451 4008N	Tapping Screw:4x8	45 - 105
0451 4008N	Tapping Screw:4x8	79 - 101
0451 4008N	Tapping Screw:4x8	115 - 101
0451 4008N	Tapping Screw:4x8	75 - 101
0451 4008N	Tapping Screw:4x8	113 - 101
0451 4008N	Tapping Screw:4x8	37 - 103
0451 4008N	Tapping Screw:4x8	107 - 101
0451 4008N	Tapping Screw:4x8	27 - 103
0451 4008N	Tapping Screw:4x8	17 - 101
0451 4008N	Tapping Screw:4x8	103 - 106
0451 4008N	Tapping Screw:4x8	105 - 101
0451 4008N	Tapping Screw:4x8	33 - 101
0451 4008N	Tapping Screw:4x8	17 - 103
0451 4008N	Tapping Screw:4x8	87 - 106
0451 4008N	Tapping Screw:4x8	35 - 104
0451 4008N	Tapping Screw:4x8	55 - 104
0451 4008N	Tapping Screw:4x8	37 - 101
0451 4008N	Tapping Screw:4x8	43 - 101
0451 4008N	Tapping Screw:4x8	39 - 104
0451 4008N	Tapping Screw:4x8	31 - 102
0451 4008N	Tapping Screw:4x8	21 - 103
0451 4008N	Tapping Screw:4x8	41 - 102
0451 4008N	Tapping Screw:4x8	81 - 107
0451 4008N	Tapping Screw:4x8	89 - 104
0451 4008N	Tapping Screw:4x8	93 - 101
0451 4010N	Tapping Screw:4x10	23 - 103
0451 4010N	Tapping Screw:4x10	89 - 101
0451 4010N	Tapping Screw:4x10	17 - 104
0451 4010N	Tapping Screw:4x10	115 - 105
0451 4010N	Tapping Screw:4x10	15 - 101
0451 4020N	Tapping Screw - M4x20	21 - 104
0452 3006N	Binding Self-tapping Screw:3x6	29 - 111
0452 3008N	Tapping Screw - M3x8	55 - 102
0452 3008N	Tapping Screw - M3x8	57 - 102
0452 3008N	Tapping Screw - M3x8	73 - 103

Part No.	Description	Page and Index No.
0452 3008N	Tapping Screw - M3x8	59 - 102
0452 3008P	Binding Self-tapping Screw 3x8	47 - 101
0452 3010N	Binding Self-tapping Screw:3x10	49 - 103
0452 3010N	Binding Self-tapping Screw:3x10	59 - 103
0452 3010N	Binding Self-tapping Screw:3x10	57 - 103
0452 4008N	Tapping Screw:M4x8	25 - 108
0452 4008N	Tapping Screw:M4x8	27 - 106
0452 4008N	Tapping Screw:M4x8	31 - 107
0452 4010N	Binding Self-tapping Screw:4x10	25 - 109
0453 3006N	Tapping Screw - M3x6	43 - 110
0453 3006N	Tapping Screw - M3x6	41 - 104
0453 3006N	Tapping Screw - M3x6	73 - 104
0453 3006N	Tapping Screw - M3x6	119 - 102
0453 3008N	Binding Self Tapping Screw:3x8	77 - 110
0453 3008N	Binding Self Tapping Screw:3x8	111 - 108
0453 3008N	Binding Self Tapping Screw:3x8	65 - 106
0453 3008N	Binding Self Tapping Screw:3x8	105 - 111
0453 3008N	Binding Self Tapping Screw:3x8	87 - 108
0453 3008N	Binding Self Tapping Screw:3x8	91 - 102
0453 4008N	Binding Self Tapping Screw:4x8	113 - 102
0453 4008N	Binding Self Tapping Screw:4x8	31 - 103
0453 4008N	Binding Self Tapping Screw:4x8	27 - 108
0454 3006Q	Tapping Screw - M3x6	101 - 101
0454 3006Q	Tapping Screw - M3x6	97 - 101
0454 3006Q	Tapping Screw - M3x6	99 - 101
0454 4008Q	Tapping Screw - M4x8	39 - 107
0454 4008Q	Tapping Screw - M4x8	19 - 103
0454 4008Q	Tapping Screw - M4x8	13 - 106
0573 0030E	Hexagon Headless Set Screw - M3x3	35 - 102
0623 0120E	Spring Pin - M3x12	61 - 102
0623 0140E	Spring Pin - 3x14mm	89 - 106
0633 0180G	Parallel Pin - 3x18mm	61 - 103
0633 0180G	Parallel Pin - 3x18mm	91 - 111
0633 0200G	Pin - M3x20	29 - 101
0704 0040Z	Washer - M4	69 - 112

Part No.	Description	Page and Index No.
0707 4050N	Bushing - 4x5	115 - 112
0707 4050N	Bushing - 4x5	103 - 102
0720 0025E	Retaining Ring - M2.5	53 - 102
0720 0030E	Retaining Ring - M3	43 - 111
0720 0030E	Retaining Ring - M3	51 - 102
0720 0030E	Retaining Ring - M3	67 - 102
0720 0030E	Retaining Ring - M3	83 - 101
0720 0030E	Retaining Ring - M3	49 - 104
0720 0030E	Retaining Ring - M3	65 - 104
0720 0040E	Retaining Ring - M4	43 - 109
0720 0040E	Retaining Ring - M4	111 - 101
0720 0040E	Retaining Ring - M4	47 - 104
0720 0040E	Retaining Ring - M4	89 - 105
0720 0040E	Retaining Ring - M4	43 - 113
0720 0040E	Retaining Ring - M4	109 - 105
0720 0040E	Retaining Ring - M4	71 - 104
0720 0040E	Retaining Ring - M4	113 - 104
0720 0040E	Retaining Ring - M4	73 - 107
0720 0040E	Retaining Ring - M4	117 - 101
0720 0040E	Retaining Ring - M4	115 - 106
0720 0040E	Retaining Ring - M4	77 - 109
0720 0040E	Retaining Ring - M4	45 - 103
0720 0040E	Retaining Ring - M4	75 - 102
0720 0040E	Retaining Ring - M4	25 - 106
0720 0040E	Retaining Ring - M4	41 - 101
0720 0040E	Retaining Ring - M4	81 - 103
0720 0040E	Retaining Ring - M4	119 - 103
0720 0040E	Retaining Ring - M4	57 - 104
0720 0040E	Retaining Ring - M4	85 - 102
0720 0040E	Retaining Ring - M4	65 - 103
0720 0040E	Retaining Ring - M4	55 - 105
0720 0040E	Retaining Ring - M4	33 - 105
0720 0040E	Retaining Ring - M4	29 - 102
0720 0040E	Retaining Ring - M4	35 - 103
0720 0040E	Retaining Ring - M4	91 - 107

Part No.	Description	Page and Index No.
0720 0040E	Retaining Ring - M4	87 - 107
0720 0040E	Retaining Ring - M4	79 - 105
0720 0040E	Retaining Ring - M4	39 - 108
0720 0040E	Retaining Ring - M4	83 - 102
0720 0060E	Retaining Ring - M6	81 - 102
0720 0060E	Retaining Ring - M6	77 - 106
0720 0060E	Retaining Ring - M6	91 - 108
0720 0060E	Retaining Ring - M6	47 - 103
0720 0060E	Retaining Ring - M6	51 - 101
0720 0060E	Retaining Ring - M6	61 - 104
0720 0060E	Retaining Ring - M6	89 - 107
0720 0060E	Retaining Ring - M6	29 - 103
0720 0060E	Retaining Ring - M6	43 - 112
0720 0060E	Retaining Ring - M6	85 - 101
0720 0060E	Retaining Ring - M6	71 - 102
0720 0060E	Retaining Ring - M6	31 - 105
0720 0060E	Retaining Ring - M6	41 - 103
0720 0060E	Retaining Ring - M6	33 - 106
0720 0060E	Retaining Ring - M6	89 - 102
0720 0060E	Retaining Ring - M6	35 - 107
0720 0060E	Retaining Ring - M6	39 - 106
0725 0120E	Retaining Ring C - M12	91 - 104
0725 0120E	Retaining Ring C - M12	69 - 109
0725 0300E	Retaining Ring C - M30	69 - 110
0727 0060E	Retaining Ring - M6	47 - 102
0727 0060E	Retaining Ring - M6	47 - 106
0727 0080G	Retaining Ring - M8	71 - 105
0741 3506	Ball Bearing - 6x12x4 Mm	35 - 108
0742 3808	Ball Bearing - 8x16x5	39 - 109
0742 3808	Ball Bearing - 8x16x5	33 - 107
0742 3808	Ball Bearing - 8x16x5	85 - 103
0742 3808	Ball Bearing - 8x16x5	43 - 114
0742 3808	Ball Bearing - 8x16x5	71 - 108
0742 3906	Ball Bearing - 6x14x5mm	77 - 108
0800 0072	Philips Pan Head Screw - M2.6x4	45 - 102

Part No.	Description	Page and Index No.
0801 0142	Screw - Spring Washer - M5X8	107 - 106
0803 0058	Stepped Screw	109 - 107
0805 0072	Cs Ring	45 - 106
0805 3480	Bushing - 6mm	77 - 112
0807 4146	Flat Washer - 6.3x18x1	77 - 107
0807 5056	Washer - 8.1mm	71 - 106
0950 4008N	Screw:Spring Washer:M4X8	105 - 112
0951 3004N	Screw:Polished Round:M3X4	101 - 102
0951 3004P	Screw:Polished Round:M3X4	63 - 104
0951 3005N	Screw:Polished Round:M3X5	69 - 105
0951 3006N	Screw - M3X6	57 - 101
0951 3006N	Screw - M3X6	59 - 104
0951 3006N	Screw - M3X6	63 - 101
0951 3006N	Screw - M3X6	29 - 109
0951 3006N	Screw - M3X6	55 - 103
0951 3008N	Screw:Polished Roud:M3X8	21 - 101
0951 3008N	Screw:Polished Roud:M3X8	41 - 105
0951 3008N	Screw:Polished Roud:M3X8	57 - 105
0951 3008N	Screw:Polished Roud:M3X8	61 - 105
0951 3008N	Screw:Polished Roud:M3X8	59 - 105
0951 4005N	Screw:Polished Round:M4X5	91 - 110
0951 4006N	Screw:Polished Round:M4X6	27 - 104
0951 4008N	Screw:Polished Round:M4X8	49 - 102
0951 4008N	Screw:Polished Round:M4X8	25 - 107
0951 4008N	Screw:Polished Round:M4X8	27 - 107
0951 4008N	Screw:Polished Round:M4X8	89 - 103
0951 4008N	Screw:Polished Round:M4X8	65 - 102
0951 4008N	Screw:Polished Round:M4X8	13 - 105
0951 4010N	Screw:Polished Round:M4X10	115 - 102
0951 4010N	Screw:Polished Round:M4X10	103 - 101
0951 4014N	Screw:Polished Round:M4X14	61 - 106
0951 5010N	Screw:M5X10	91 - 106
0954 3006N	Screw - M3X6	69 - 102
0954 3008N	Screw - M3X8	119 - 106
0954 3008N	Screw - M3X8	97 - 103

Part No.	Description	Page and Index No.
0954 3010N	Screw:Polished Round/spring:M3X10	69 - 104
0954 3012N	Screw - M3X12	69 - 101
0954 4006N	Screw:Polished Round/spring:M4X6	69 - 103
0954 4008N	Screw - M4X8	65 - 105
0954 4008N	Screw - M4X8	71 - 107
0971 4006A	Philips Polycarbonate Screw - M4x6	53 - 104
0971 4008A	Philips Polycarbonate Screw - M4x8	53 - 105
1102 5301	Connector - 2P	153 -101
1102 5302	Connector - 3P	153 -102
1102 6245	Relay Connector - 2P	105 -104
1102 6245	Relay Connector - 2P	109 -106
1102 6245	Relay Connector - 2P	115 -104
1102 6245	Relay Connector - 2P	103 -103
1102 6247	Connector - 4P	39 - 101
1102 6249	Relay Connector - 6P	33 - 108
1102 6251	Connector - 8P	33 - 109
1102 6252	Connector - 9P	33 - 110
1102 6257	Relay Connector - 14P	43 - 102
1102 6258	Relay Connector - 15P	43 - 103
1102 6260	Relay Connector - 3P	39 - 102
1102 6279	Connector - 3P	39 - 103
1102 6297	Connector - 4P	123 -102
1102 6298	Connector - 5P	153 -103
1102 6393	Connector - 10P	153 -104
1102 6398	Connector - 2P	153 -105
1102 6399	Connector - 22P	153 -106
1102 6515	Connector - 34P	153 -107
1102 6600	Connector - 8P	131 -101
1102 7615	Connector - B8B-XH-A	145 -101
1102 7626	Connector - TX25-80P-LT-N1	131 -102
1102 7699	Connector - TX24-50R-LT-N1	123 -103
1102 7701	Connector - 50P	153 -108
1102 8091	Connector - 53505-4010	123 -104
1102 8091	Connector - 53505-4010	131 -103
1102 8467	Connector - 55447-0370	153 -109

Part No.	Description	Page and Index No.
1102 8470	Connector - 55447-0610	153 -110
1102 8471	Connector - 55447-071	153 -111
1102 8473	Connector - 55447-0910	153 -112
1102 8474	Connector - 5 P	123 -105
1102 8475	Connector - 11P	123 -106
1102 8478	Connector - 55447-1410	153 -113
1102 8485	Connector - 55451-2210	153 -114
1102 8487	Connector - 55451-2610	123 -107
1102 8488	Connector - 5451-2810	153 -115
1102 8489	Connector - 55451-3010	153 -116
1102 8502	Connector - 54679-1615	105 -113
1102 8504	Connector	91 - 103
1102 8716	Connector:55450-1880	131 -104
1102 8832	Connector - DM-3D4-B3210	145 -102
1102 9079	Connector - RHM-88PL-SDK11-1	145 -103
1102 9336	Connector:FPS009-2300-0	145 -104
1102 9337	Connector:14016PS-JUK-G-B-1	145 -105
1102 9456	Connector - 20 5078 050 510 861	145 -106
1102 9547	Connector:55451-1870	153 -117
1102 9686	Connector - RHM-176P-SDK11-U1L1C	145 -107
1102 9887	Connector:52588-3090	145 -108
1103 3167	Connector:FH12-28S-0.5SH(89)	131 -105
1103 3427	Connector:FH12-49S-0.5SV(89)	123 -108
1103 3480	Connector:55450-1380	131 -106
1103 3537	Connector:292212-7	131 -107
1104 0764	IC Socket - 8 PIN	123 -109
1105 0046	Harness Band	93 - 102
1105 0229	Clamp	45 - 104
1105 0230	Clamp	25 - 101
1105 0267	Harness Clamp - YMC-10-0	29 - 106
1105 0283	Clamp	115 -110
1105 0283	Clamp	71 - 103
1105 0290	Harness Clamp - Horizontal	77 - 101
1105 0291	Harness Clamp - LWS-3S	29 - 107
1105 0306	Metal Clamp - AI-4	23 - 104

Part No.	Description	Page and Index No.
1105 0328	Harness Clamp - ES-0505	115 -109
1105 0328	Harness Clamp - ES-0505	33 - 102
1105 0328	Harness Clamp - ES-0505	81 - 101
1105 0328	Harness Clamp - ES-0505	35 - 106
1105 0328	Harness Clamp - ES-0505	77 - 102
1105 0328	Harness Clamp - ES-0505	87 - 102
1105 0328	Harness Clamp - ES-0505	43 - 104
1105 0328	Harness Clamp - ES-0505	25 - 102
1105 0487	Harness Clamp	113 -103
1105 0487	Harness Clamp	43 - 105
1105 0487	Harness Clamp	41 - 106
1105 0487	Harness Clamp	21 - 107
1105 0487	Harness Clamp	107 -103
1105 0487	Harness Clamp	63 - 103
1105 0488	Harness Clamp	111 -111
1105 0488	Harness Clamp	119 -108
1105 0488	Harness Clamp	107 -104
1105 0488	Harness Clamp	103 -108
1105 0488	Harness Clamp	109 -108
1105 0489	Harness Clamp - LWS 1316	21 - 105
1105 0489	Harness Clamp - LWS 1316	107 -105
1105 0489	Harness Clamp - LWS 1316	105 -108
1105 0489	Harness Clamp - LWS 1316	91 - 113
1105 0489	Harness Clamp - LWS 1316	95 - 104
1105 0490	Harness Clamp - IWS-2218	97 - 105
1105 0490	Harness Clamp - IWS-2218	101 -104
1105 0490	Harness Clamp - IWS-2218	105 -110
1105 0490	Harness Clamp - IWS-2218	91 - 112
1105 0490	Harness Clamp - IWS-2218	95 - 106
1105 0508	Harness Clamp - LWS-0711	97 - 104
1105 0508	Harness Clamp - LWS-0711	87 - 105
1105 0508	Harness Clamp - LWS-0711	83 - 105
1105 0508	Harness Clamp - LWS-0711	109 -101
1105 0508	Harness Clamp - LWS-0711	111 -110
1105 0511	Harness Clamp - LWS-0306ZC	115 -103

Part No.	Description	Page and Index No.
1105 0511	Harness Clamp - LWS-0306ZC	43 - 106
1105 0511	Harness Clamp - LWS-0306ZC	93 - 104
1105 0511	Harness Clamp - LWS-0306ZC	39 - 105
1105 0511	Harness Clamp - LWS-0306ZC	65 - 107
1105 0511	Harness Clamp - LWS-0306ZC	73 - 106
1105 0511	Harness Clamp - LWS-0306ZC	33 - 103
1105 0511	Harness Clamp - LWS-0306ZC	77 - 104
1105 0511	Harness Clamp - LWS-0306ZC	87 - 104
1105 0511	Harness Clamp - LWS-0306ZC	21 - 106
1105 0511	Harness Clamp - LWS-0306ZC	83 - 106
1105 0516	Clamp	101 -103
1105 0516	Clamp	97 - 106
1105 0516	Clamp	117 -106
1105 0516	Clamp	87 - 110
1105 0516	Clamp	91 - 114
1105 0516	Clamp	105 -109
1105 0516	Clamp	95 - 105
1105 0516	Clamp	119 -105
1105 0518	Edge Saddle - Les-1010	95 - 107
1105 0518	Edge Saddle - Les-1010	111 -103
1105 0518	Edge Saddle - Les-1010	77 - 103
1105 0518	Edge Saddle - Les-1010	43 - 107
1105 0518	Edge Saddle - Les-1010	87 - 109
1105 0518	Edge Saddle - Les-1010	113 -106
1105 0522	Edge Saddle - Les0510	35 - 105
1105 0522	Edge Saddle - Les0510	39 - 110
1105 0522	Edge Saddle - Les0510	105 -106
1105 0522	Edge Saddle - Les0510	87 - 103
1105 0522	Edge Saddle - Les0510	97 - 107
1105 0522	Edge Saddle - Les0510	119 -107
1105 0522	Edge Saddle - Les0510	83 - 107
1105 0522	Edge Saddle - Les0510	113 -107
1105 0522	Edge Saddle - Les0510	73 - 105
1105 0522	Edge Saddle - Les0510	111 -109
1105 0522	Edge Saddle - Les0510	43 - 108

Part No.	Description	Page and Index No.
1105 0532	Edge Saddle - Les-25l	107 -107
1105 0532	Edge Saddle - Les-25l	105 -107
1105 0534	Clamp	55 - 106
1105 0542	Harness Clamp - MSBS-1207	33 - 111
1105 0607	Clamp:RBWS-1015D V0	101 -105
1106 0411	Bushing - 11.5mm	29 - 108
1107 1095	Fuse - SST 2	145 -109
1109 0007	IC - MINISMDC100-02	153 -118
1109 0016	Circuit Protector - SMD075	153 -119
1109 0018	Circuit Protector - SMD100	153 -120
1204 1385	Push Switch	145 -110
1204 1422	Dip Switch - 51D-0401	145 -111
1204 1537	Dip Switch	153 -121
1204 1542	Dip Switch	145 -112
1204 1543	Dip Switch	145 -113
1204 2390	Interlock Switch - Fa8l-ab24	111 -106
1204 2468	Switch - AC250/16A	111 -104
1204 2521	Micro Switch	37 - 102
1204 2521	Micro Switch	111 -107
1206 0114	Primary Lithium Cell:CR2354/1F2	145 -114
1400 0556	Transistor - DTB143EK	153 -122
1400 0715	Transistor - 2SB1197KR	145 -115
1400 0730	Transistor - 2SD1782K	145 -116
1400 0731	Transistor - 2SD1766	153 -123
1400 0768	Transistor:DTC124EUA	153 -124
1400 0769	Transistor - 2SA1576A	145 -117
1400 0775	Transistor - 2SC4081	145 -118
1400 0775	Transistor - 2SC4081	153 -125
1400 0795	Transistor - 2SC4617	123 -110
1400 0810	Transistor - DTC114EUA	145 -119
1400 0810	Transistor - DTC114EUA	131 -108
1400 0909	Transistor - DTA143EUA	153 -126
1400 0948	Transistor:DTC143ZE	131 -109
1400 0981	Transistor - 2SC3052	145 -120
1401 0902	Fet:2SK1590	145 -121

Part No.	Description	Page and Index No.
1401 0972	Transistor-2SB1260	153 -127
1401 1156	Fet:2SK2231(TE16L1,NQ)	153 -128
1401 1181	Fet - 2SK2157-AZ	145 -122
1401 1192	Fet - 2SK764	145 -123
1401 1202	Fet - HAT1023R	131 -110
1401 1209	IC - HAT2093R	145 -124
1401 1228	Fet:SI3433DV-E3	145 -125
1401 1234	Fet - SSM3J02T	153 -129
1401 1301	Fet:2SK2615	153 -130
1401 1317	Fet - HAT2197R	145 -126
1401 1318	Fet - HAT2198R	145 -127
1401 1319	Fet - TPC8105-H	145 -128
1401 1320	Fet - TPC8107	145 -129
1402 1041	Diode - DA204U	153 -131
1402 1057	Diode Array - DAP202U	153 -132
1402 1142	Diode Array - DAN217	153 -133
1402 1336	Diode - 1SS355	123 -111
1402 1336	Diode - 1SS355	153 -134
1402 1336	Diode - 1SS355	145 -130
1402 1343	Diode - RB106L-40	153 -135
1402 1343	Diode - RB106L-40	145 -131
1402 1398	Diode - RB050L-40	145 -132
1402 1447	Diode - PTZ5.1B	153 -136
1402 1503	Diode - 1SS400	131 -111
1402 1530	Diode - RB520S-30	145 -133
1402 1530	Diode - RB520S-30	153 -137
1402 1565	Diode - RB	123 -112
1402 1663	Diode - ZTP12B	153 -138
1402 1698	Diode - RB	145 -134
1402 1709	Diode:EC21QS06G	145 -135
1402 1891	Diode:RB160M-60	153 -139
1402 1920	Diode:TDZ18	153 -140
1403 0953	LED - SML-310MT	123 -113
1403 0953	LED - SML-310MT	145 -136
1403 0953	LED - SML-310MT	153 -141

Part No.	Description	Page and Index No.
1403 0978	LED - SML-310DT	123 -114
1403 0996	LED - SML-310VT	123 -115
1403 0996	LED - SML-310VT	145 -137
1403 1302	Photocoupler:PC123Y63J00F	153 -142
1407 1535	IC - TD62308AP	153 -143
1407 2187	TTLIC - SN74LS07NS	153 -144
1407 2218	TTLIC - SN74LS06NS	153 -145
1407 2219	IC - TD62003AP	153 -146
1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	131 -112
1407 5344	IC - SN74LV02APW	153 -147
1407 5347	IC - SN74LV08APW	131 -113
1407 5350	IC - SN74LV00APW	131 -114
1407 5351	IC - SN74LV14APW	131 -115
1407 5351	IC - SN74LV14APW	153 -148
1407 5353	IC - SN74LV244APW	153 -149
1407 5366	IC - 74LVC08A TSSOP	123 -116
1407 5367	IC - 74LVC74A	131 -116
1407 5381	CMOS Logic - SN74AHC1G126DCK	145 -138
1407 5392	IC:SN74LV541APW	123 -117
1407 5428	CMOS Logic - SN74AHC1G08DCK	153 -150
1407 5439	CMOS Logic:SN74AHC2G66HDCT	145 -139
1407 5463	IC - SN74LV245APW	123 -118
1407 5469	IC - SN74LV07APW	131 -117
1407 5469	IC - SN74LV07APW	123 -119
1407 5482	IC - SN74LVC07APW	145 -140
1407 5511	IC - SN74LVC14APW	123 -120
1407 5633	IC - SN74LV574APW	123 -121
1407 5640	CMOS Logic:SN74AHC1G14HDCK	145 -141
1407 5684	CMOS Logic - SN74AHC1G08HDCK	145 -142
1407 5709	IC - MK1705A	131 -118
1407 5742	IC - ICS553MI	131 -119
1407 5790	CMOS Logic - SN74AHC2G08HDCU	145 -143
1407 5803	IC:SN74LV132APW	145 -144
1407 5927	CMOS Logic - SN74LVC1G14DCK	145 -145
1407 6101	IC - SN74LVC2G17DCK	145 -146

Part No.	Description	Page and Index No.
1407 6126	Clock Generator - ICS950812CG	145 -147
1407 6127	Clock Generator:ICS960008AFLF	145 -148
1407 6166	IC - ESOC	123 -122
1407 6167	IC - EIO	153 -151
1407 6187	CMOS Logic - SN74LVC1G07DCK	131 -120
1407 6205	CMOS Logic - SN74LVC1G06DCK	131 -121
1407 6245	CMOS Logic - SN74CBTLV3253PW	145 -149
1407 6278	ICH3 - NH82801CAM(SL7A7)	145 -150
1407 6279	Gmch - NH82830MP(SL7A6)	145 -151
1407 6380	EEPROM - BR24L08-W	95 - 103
1407 6380	EEPROM - BR24I08-W	123 -101
1407 6526	CPU - NK80530MZ866256(SL7XH)	145 -152
1408 1206	Transistor-array - TD62M4700F	153 -152
1408 1508	Series Regulator - PQ07VZ012Z	131 -122
1408 1538	IC - M62032AFP	131 -123
1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	131 -124
1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	145 -153
1408 1680	Operational Amplifier - LM358D	153 -153
1408 1730	IC - MM1096BF	123 -123
1408 1736	Operational Amplifier:LMV358MM	123 -124
1408 1778	IC:R3112Q101A	145 -154
1408 1779	IC - R3112Q281A	153 -154
1408 1779	IC - R3112Q281A	123 -125
1408 1779	IC - R3112Q281A	145 -155
1408 1790	IC - R3112Q301A	131 -125
1408 1815	IC - R3112Q151A	145 -156
1408 1818	Series Regulator - LM1117MP-1.8	123 -126
1408 1825	IC - R3112Q121A	145 -157
1408 1826	IC - R3112Q421A	145 -158
1408 1902	Operational Amplifier:RC4558D	153 -155
1408 1911	Comparator - LM2903PW	153 -156
1408 1956	IC:LTC3728LXCUH#TRPBF	145 -159
1408 2007	Operational Amplifier:LM324PW	131 -126
1408 2057	IC - LTC3714EG#TRPBF	145 -160
1408 2393	Series Regulator:R1172H331B-FB	153 -157

Part No.	Description	Page and Index No.
1503 0773	Crystal Oscillator:32.768khz:7pf	145 -161
1503 0842	Oscillator - 14.31818MHZ	145 -162
1503 0885	Crystal Oscillator - 10Mhz	131 -127
1503 0947	Crystal Oscillator:25Mhz	145 -163
1503 1089	Oscillator - 85.2Mhz	131 -128
1503 1215	Crystal Oscillator - 17.5Mhz	123 -127
1503 1274	Crystal Oscillator:19.85Mhz	153 -158
1601 5319	Resistor-3.9 Ω $\pm$ 5% 2W	153 -159
1601 7750	Resistor - 22K Ω $\pm$ 5.00%	153 -160
1601 7752	Resistor Array - 10K Ω $\pm$ 5%	123 -128
1601 7752	Resistor Array - 10K Ω $\pm$ 5%	153 -161
1601 7781	Resistor - 10 Ω $\pm$ 5%	123 -129
1601 7781	Resistor - 10 Ω $\pm$ 5%	153 -162
1601 7796	Resistor Array - 2.2KO	153 -163
1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	131 -129
1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	153 -164
1601 7898	Resistor Array	131 -130
1601 7898	Resistor Array	145 -164
1601 7899	Resistor Array - 56 Ω $\pm$ 5% 1/16W	153 -165
1601 7900	Resistor Array - 0 Ω $\pm$ 5%	131 -131
1601 7909	Resistor Array - 10 Ω $\pm$ 5% 1/32W	145 -165
1601 7913	Resistor 22 Ω $\pm$ 5% 1/32w	145 -166
1601 7914	Resistor Array - 47 Ω $\pm$ 5%	131 -132
1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	131 -133
1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	145 -167
1601 7959	Resistor	131 -134
1601 7981	Resistor Array - 100K Ω $\pm$ 5%1/16W	131 -135
1604 4779	Capacitor - 220 μ F $\pm$ 20% 35V	153 -166
1604 4848	Capacitor - 100 μ F $\pm$ 20% 10V	131 -136
1604 4894	Capacitor:100 μ F $\pm$ 20%:16V	123 -130
1604 4987	Capacitor - 330 μ F $\pm$ 20% 6.3V	131 -137
1604 5082	Capacitor - 330 μ F $\pm$ 20% 10V	131 -138
1604 5357	Resistor - 560 μ F $\pm$ 20% 4V	145 -168
1604 5495	Capacitor - 47 μ F $\pm$ 20% 25V	153 -167
1605 0976	Capacitor - 1 μ F +80% -20% 10V	131 -139

Part No.	Description	Page and Index No.
1605 0976	Capacitor - 1 μ F +80% -20% 10V	145 -169
1605 1034	Ceramic Capacitor:1000pf $\pm$ 10%:50V	145 -170
1605 1124	Capacitor - 4.7 μ F +80 -20% 10V	145 -171
1605 1137	Capacitor - 470pF $\pm$ 10% 50V	153 -168
1605 1148	Capacitor - 0.1 μ F +80-20% 50V	153 -169
1605 1176	Ceramic Capacitor 0.47 μ F +80-20%16V	145 -172
1605 1181	Capacitor - 10 μ F +80-20% 10V	131 -140
1605 1187	Ceramic Capacitor 0.047 μ F $\pm$ 10% 50V	153 -170
1605 1194	Capacitor:3pf $\pm$ 0.25pf:50V	145 -173
1605 1195	Capacitor:4pf $\pm$ 0.25pf:50V	145 -174
1605 1196	Capacitor - 5PF $\pm$ 0.25PF:50V	145 -175
1605 1197	Capacitor - 6PF $\pm$ 0.5pF 50V	145 -176
1605 1202	Capacitor - 15pF $\pm$ 5% 50V	123 -131
1605 1203	Capacitor - 18pF $\pm$ 5% 50V	153 -171
1605 1205	Capacitor - 33pF $\pm$ 5% 50V	145 -177
1605 1206	Capacitor - 47pF $\pm$ 5% 50V	145 -178
1605 1206	Capacitor - 47pF $\pm$ 5% 50V	123 -132
1605 1207	Capacitor - 68pF $\pm$ 5% 50V	145 -179
1605 1208	Capacitor:100pf $\pm$ 5%:50V	123 -133
1605 1208	Capacitor:100pf $\pm$ 5%:50V	145 -180
1605 1208	Capacitor:100pf $\pm$ 5%:50V	153 -172
1605 1209	Capacitor - 150pF $\pm$ 5% 50V	145 -181
1605 1210	Capacitor:180pf $\pm$ 5%:50V	145 -182
1605 1211	Capacitor - 220pF $\pm$ 10% 50V	145 -183
1605 1212	Capacitor - 470pF $\pm$ 10% 50V	145 -184
1605 1212	Capacitor - 470pF $\pm$ 10% 50V	123 -134
1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	145 -185
1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	123 -135
1605 1216	Capacitor - 2200PF $\pm$ 10%50V	145 -186
1605 1221	Capacitor - 0.1 μ F+80-20%16V	131 -141
1605 1221	Capacitor - 0.1 μ F+80-20%16V	145 -187
1605 1221	Capacitor - 0.1 μ F+80-20%16V	123 -136
1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3V	131 -142
1605 1225	Capacitor - 0.1 μ F $\pm$ 10% 50V	145 -188
1605 1225	Capacitor - 0.1 μ F $\pm$ 10% 50V	153 -173

Part No.	Description	Page and Index No.
1605 1234	Capcitor:4700pf:±10%:50V	123 -137
1605 1234	Capcitor:4700pf:±10%:50v	145 -189
1605 1234	Capcitor:4700pf:±10%:50V	153 -174
1605 1240	Capacitor - 0.01μF ±10% 25V	145 -190
1605 1249	Capacitor:0.047μF:±10%:16V	145 -191
1605 1281	Capacitor - 0.22μF ±10% 16V	123 -138
1605 1281	Capacitor - 0.22μF ±10% 16V	131 -143
1605 1281	Capacitor - 0.22μF ±10% 16V	145 -192
1605 1282	Capacitor:22μF:+80-20%:10V	145 -193
1605 1283	Capacitor - 680pF ±10% 50V	145 -194
1605 1284	Capacitor:1500pf:±10%:50V	145 -195
1605 1289	Capacitor - 0.1μF ±10% 10V	145 -196
1605 1291	Capacitor:2.2μF:±10%:10V	123 -139
1605 1295	Capacitor:10μF:+80-20%:10V	145 -197
1605 1296	Capacitor - 330pF ±10% 50V	145 -198
1605 1303	Capacitor - 0.01μF +80-20% 50V	145 -199
1605 1306	Capacitor - 1μF ±10% 10V	145 -200
1605 1352	Resistor - 82pF ±5% 50V	145 -201
1605 1354	Capacitor:1200pf:±5%:50V	145 -202
1605 1406	Capacitor - 10μF ±10% 6.3V	131 -144
1605 1416	Capacitor - 1800PF:±5%:50V	145 -203
1605 1417	Capacitor:47μF:+80-20%:10V	145 -204
1605 1419	Capcitor:4.7μF:±10%:16V	153 -175
1605 1432	Resistor - 100μF ±20% 6.3V	145 -205
1605 1439	Capacitor:470pf:±20%:50V	123 -140
1605 1450	Resistor - 22μF ±10% 6.3V	145 -206
1605 1454	Capacitor:0.33μF:±10%:6.3V	123 -141
1605 1464	Resistor - 10μF ±20% 25V	145 -207
1605 1483	Capacitor:0.01μF:±20%:25V	123 -142
1605 1530	Capacitor:10pf:±1pf:50V	153 -176
1605 1606	Capacitor:0.33μF:±10%:16V	131 -145
1607 0758	Filter - DSS710D223A12-22	153 -177
1607 0861	Filter - BK2125HS101	131 -146
1607 1061	Filter - BLM11P300SPB	131 -147
1607 1092	Ferrite Core:Rfc-10	107 -109

Part No.	Description	Page and Index No.
1607 1139	Ferrite Core:RFC-8	13 - 107
1607 1251	Filter - MPZ2012S221A	153 -178
1607 1322	Inductor:LB2012B4R7M	145 -208
1607 1345	Filter:BLM18HG601SN1B	131 -148
1607 1489	Filter - MMZ1608B301C	145 -209
1607 1556	Inductor:RLF7030-1R5N6R1	145 -210
1607 1637	Coil:ACM2012-900-2P	145 -211
1607 1650	Inductor:RLF7030-6R8M2R8	145 -212
1607 1651	Inductor - HM73-101R0LF	145 -213
1607 1657	Inductor - HM73-10R68LF	145 -214
1609 0005	Resistor:33 Ω:±5%:1/16W	123 -143
1609 0006	Resistor:10k Ω:±5%:1/16W	123 -144
1609 0006	Resistor:10k Ω:±5%:1/16W	153 -179
1609 0016	Resistor:56 Ω:±5%:1/16W	123 -145
1609 0016	Resistor:56 Ω:±5%:1/16W	153 -180
1609 0019	Resistor:0 Ω:1608	153 -181
1609 0020	Resistor:10 Ω:±5%:1/16W	123 -146
1610 1218	Resistor	131 -149
1610 1733	Resistor - 0.01 Ω ±1% 1W	145 -215
1610 1775	Resistor - 0.03 Ω ±1% 1W	145 -216
1610 1780	Resistor - 2.2KΩ ±5% 0.75W	153 -182
1610 1804	Resistor:0.006 Ω:±1%:1W	145 -217
1610 1805	Resistor - 0.003 Ω ±2% 1W	145 -218
1631 0000	Resistor - 0Ω 1/4W	153 -183
1632 0000	Resistor - 0 Ω 1/8W	145 -219
1633 0000	Resistor - 0 Ω 1/10W	131 -150
1633 0000	Resistor - 0 Ω 1/10W	145 -220
1633 0000	Resistor - 0 Ω 1/10W	153 -184
1634 0000	Resistor - 0 Ω 1/16W	123 -147
1634 0000	Resistor - 0 Ω 1/16W	131 -151
1634 0000	Resistor - 0 Ω 1/16W	153 -185
1640 2330	Capacitor - 33μF+80%-20%25V	153 -186
1640 2470	Capacitor - 47μF ±20% 25V	153 -187
1640 3101	Capacitor - 100μF ±20% 35V	153 -188
1640 5330	Capacitor - 33μF ±20% 50V	153 -189

Part No.	Description	Page and Index No.
1644 0220	Capacitor - 22 μ F $\pm$ 20% 10V	131 -152
1650 2101	Resistor - 100 Ω $\pm$ 5% 1/4W	153 -190
1650 2151	Resistor - 150 Ω $\pm$ 5% 1/4W	153 -191
1650 2472	Chip Resistor-4.7k	153 -192
1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	123 -148
1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	153 -193
1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	131 -153
1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	123 -149
1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	123 -150
1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	153 -194
1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	131 -154
1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	153 -195
1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	131 -155
1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	123 -151
1650 4104	Resistor - 100K Ω $\pm$ 5%1/10W	123 -152
1650 4104	Resistor - 100K Ω $\pm$ 5%1/10W	131 -156
1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	131 -157
1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	123 -153
1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	153 -196
1650 4132	Resistor - 1.3K Ω $\pm$ 5% 1/10W 1608	153 -197
1650 4150	Resistor - 15 Ω $\pm$ 5% 1/10W	131 -158
1650 4154	Resistor 150k Ω $\pm$ 5% 1/10W	153 -198
1650 4200	Resistor - 20 Ω $\pm$ 5% 1/10W	131 -159
1650 4202	Resistor - 2K Ω $\pm$ 5%1/10W	131 -160
1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	153 -199
1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	131 -161
1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	153 -200
1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	131 -162
1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	123 -154
1650 4223	Resistor - 22K Ω $\pm$ 5%1/10W	153 -201
1650 4242	Resistor - 2.4K Ω $\pm$ 5% 1/10W 1608	131 -163
1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	123 -155
1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	131 -164
1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	131 -165
1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	153 -202

Part No.	Description	Page and Index No.
1650 4332	Resistor - 3.3K Ω $\pm$ 5%1/10W	153 -203
1650 4392	Chip Resistor - 3.9k Ω $\pm$ 5%1/10W	153 -204
1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	131 -166
1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	153 -205
1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	131 -167
1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	153 -206
1650 4511	Resistor - 510 Ω $\pm$ 5%1/10W	131 -168
1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10W	153 -207
1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	131 -169
1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	153 -208
1650 4681	Resistor - 680 Ω $\pm$ 5% 1/10W	123 -156
1650 4750	Resistor - 75 Ω $\pm$ 5%1/10W	131 -170
1650 5100	Chip Resistor - 10 Ω $\pm$ 5%1/16W	145 -221
1650 5101	Chip Resistor - 100 Ω $\pm$ 5%1/16W	145 -222
1650 5102	Chip Resistor - 1k Ω $\pm$ 5%1/16W	145 -223
1650 5103	Chip Resistor - 10k Ω $\pm$ 5%1/16W	145 -224
1650 5104	Chip Resistor - 100k Ω $\pm$ 5%1/16W	145 -225
1650 5106	Resistor - 10M Ω $\pm$ 5% 1/16W	145 -226
1650 5109	Chip Resistor 1 Ω $\pm$ 5% 1/16W	145 -227
1650 5122	Chip Resistor - 1.2k Ω $\pm$ 5%1/16W	145 -228
1650 5151	Resistor - 150 Ω $\pm$ 5% 1/16W	145 -229
1650 5152	Chip Resistor:1.5k Ω : $\pm$ 5%:1/16W	145 -230
1650 5153	Chip Resistor - 15k Ω $\pm$ 5% 1/16W	145 -231
1650 5202	Chip Resistor:2k Ω : $\pm$ 5%:1/16W	145 -232
1650 5204	Chip Resistor - 200k Ω $\pm$ 5%1/16W	145 -233
1650 5220	Resistor - 22 Ω $\pm$ 5% 1/16W	145 -234
1650 5221	Chip Resistor - 220 Ω $\pm$ 5%1/16W	145 -235
1650 5222	Resistor - 2.2K Ω $\pm$ 5% 1/16W	145 -236
1650 5229	Resistor:2.2 Ω : $\pm$ 5%:1/16w:1005	145 -237
1650 5241	Resistor - 240 Ω $\pm$ 5% 1/16W	145 -238
1650 5330	Chip Resistor - 33 Ω $\pm$ 5%1/16W	145 -239
1650 5331	Resistor - 330 Ω $\pm$ 5% 1/16W	145 -240
1650 5332	Resistor - 3.3K Ω $\pm$ 5% 1/16W	145 -241
1650 5390	Resistor - 39 Ω $\pm$ 5% 1/16W	145 -242
1650 5393	Resistor - 39K Ω $\pm$ 5% 1/16W	145 -243

Part No.	Description	Page and Index No.
1650 5470	Chip Resistor 47Ω ±5% 1/16W	145 -244
1650 5471	Chip Resistor - 470Ω -5% 1/16W	145 -245
1650 5472	Chip Resistor:4.7kΩ:±5%:1/16W	145 -246
1650 5511	Resistor - 510Ω ±5% 1/16W	145 -247
1650 5513	Chip Resistor:51kΩ:±5%:1/16W	145 -248
1650 5560	Chip Resistor 56Ω ±5% 1/16W	145 -249
1650 5562	Chip Resistor:5.6kΩ:±5%:1/16W	145 -250
1650 5569	Resistor - 5.6Ω ±5% 1/16W	145 -251
1650 5623	Resistor - 62KΩ ±5% 1/16W	145 -252
1650 5680	Resistor - 68Ω ±5% 1/16W	145 -253
1650 5681	Chip Resistor:680Ω:±5%:1/16W	145 -254
1650 5822	Chip Resistor:8.2kΩ:±5%:1/16W	145 -255
1650 5823	Chip Resistor:82kΩ:±5%:1/16W	145 -256
1653 3309	Resistor - 33Ω ±1% 1/8W	131 -171
1653 7509	Resistor - 75Ω ±1% 1/8W	131 -172
1654 1001	Resistor - 1KΩ±1%1/10W	131 -173
1654 1001	Resistor - 1KΩ±1%1/10W	153 -209
1654 1002	Resistor - 10KΩ±5%1/10W	153 -210
1654 1003	Resistor - 100KΩ±1%1/10W	153 -211
1654 1102	Resistor - 11KΩ±1%1/10W	153 -212
1654 1401	Resistor - 1.4K Ω ±1% 1/10W 1608	153 -213
1654 1501	Resistor - 1.5K Ω ±1% 1/10W 1608	153 -214
1654 1542	Chip Resistor:15.4KΩ:±1%:1/10W:1608	153 -215
1654 1911	Resistor - 1.91K Ω±1% 1/10W	153 -216
1654 2002	Resistor - 20KΩ±1%1/10W	153 -217
1654 2401	Resistor - 2.4KΩ ±1% 1/10W	153 -218
1654 3601	Resistor - 3.6KΩ ±1% 1/10W	153 -219
1654 3602	Resistor - 36K Ω ±1% 1/10W 1608	153 -220
1654 4420	Resistor 442Ω ±1% 1/10W 1608	131 -174
1654 4702	Chip Resistor - 47kΩ±1%1/10W	153 -221
1654 4990	Resistor - 499Ω ±1% 1/10W	153 -222
1654 4990	Resistor - 499Ω ±1% 1/10W	131 -175
1654 5231	Resistor - 5.23KΩ±1%1/10W	153 -223
1654 5360	Resistor - 536Ω ±1% 1/10W 1608	153 -224
1655 0000	Chip Resistor - 0Ω±0%1/16W	145 -257

Part No.	Description	Page and Index No.
1655 1001	Chip Resistor - 1kΩ ±1% 1/16W	145 -258
1655 1002	Chip Resistor - 10kΩ±1%1/16W	145 -259
1655 1009	Resistor - 10Ω ±1% 1/16W	145 -260
1655 1100	Resistor - 110Ω ±1% 1/16W	145 -261
1655 1370	Resistor - 137Ω ±1% 1/16W	145 -262
1655 1409	Resistor - 14Ω ±1% 1/16W	145 -263
1655 1502	Resistor - 15KΩ ±1% 1/16W	145 -264
1655 1800	Chip Resistor:180Ω:±1%:1/16W	145 -265
1655 1829	Resistor - 18.2Ω ±1% 1/16W	145 -266
1655 2000	Resistor - 200Ω ±1% 1/16W	145 -267
1655 2001	Resistor - 2KΩ ±1% 1/16W	145 -268
1655 2002	Chip Resistor - 20kΩ±1%1/16W	145 -269
1655 2003	Chip Resistor - 200kΩ±1%1/16W	145 -270
1655 2052	Resistor - 20.5KΩ ±1% 1/16W	145 -271
1655 2209	Resistor - 22Ω ±1% 1/16W	145 -272
1655 2210	Resistor - 221Ω ±1% 1/16W	145 -273
1655 2402	Resistor - 24KΩ ±1% 1/16W	145 -274
1655 2433	Resistor - 243KΩ ±1% 1/16W	145 -275
1655 2490	Resistor - 249Ω ±1% 1/16W	145 -276
1655 2679	Resistor - 26.7Ω ±1% 1/16W	145 -277
1655 2749	Resistor - 27.4Ω ±1% 1/16W	145 -278
1655 2803	Resistor - 280KΩ ±1% 1/16W	145 -279
1655 3000	Chip Resistor:300Ω:±1%:1/16W	145 -280
1655 3002	Chip Resistor - 30kΩ±1%1/16W	145 -281
1655 3010	Resistor - 301Ω ±1% 1/16W	145 -282
1655 3303	Resistor - 330KΩ ±1% 1/16W	145 -283
1655 3329	Resistor - 33.2Ω ±1% 1/16W	145 -284
1655 3480	Resistor - 348Ω ±1% 1/16W	145 -285
1655 3659	Resistor - 36.5Ω ±1% 1/16W	145 -286
1655 3900	Resistor:390 Ω:±1%:1/16W	145 -287
1655 4321	Resistor:4.32k Ω:±1%:1/16W	145 -288
1655 4701	Chip Resistor - 4.7kΩ±1%1/16W	145 -289
1655 4709	Resistor - 47Ω ±1% 1/16W	145 -290
1655 4750	Resistor - 475Ω ±1% 1/16W	145 -291
1655 4999	Resistor - 49.9Ω ±1% 1/16W	145 -292

Part No.	Description	Page and Index No.
1655 5101	Resistor - 5.1K Ω $\pm$ 1% 1/16W	145 -293
1655 5109	Resistor - 51 Ω $\pm$ 1% 1/16W	145 -294
1655 5119	Resistor - 51.1 Ω $\pm$ 1% 1/16W	145 -295
1655 5499	Resistor - 54.9 Ω $\pm$ 1% 1/16W	145 -296
1655 5609	Resistor - 56 Ω $\pm$ 1% 1/16W	145 -297
1655 5621	Resistor - 5.62K Ω $\pm$ 1% 1/16W	145 -298
1655 5629	Resistor - 56.2 Ω $\pm$ 1% 1/16W	145 -299
1655 5760	Resistor - 576 Ω $\pm$ 1% 1/16W	145 -300
1655 6049	Resistor - 60.4 Ω $\pm$ 1% 1/16W	145 -301
1655 6199	Resistor - 61.9 Ω $\pm$ 1% 1/16W	145 -302
1655 6209	Resistor - 62 Ω $\pm$ 1% 1/16W	145 -303
1655 6342	Resistor:63.4k Ω : $\pm$ 1%:1/16W	145 -304
1655 6809	Chip Resistor - 68 Ω $\pm$ 1%1/16W	145 -305
1655 8062	Resistor - 80.6K Ω $\pm$ 1% 1/16W	145 -306
1655 8063	Resistor - 806K Ω $\pm$ 1% 1/16W	145 -307
1655 8209	Resistor - 82 Ω $\pm$ 1% 1/16W	145 -308
1655 9100	Resistor - 910 Ω $\pm$ 1% 1/16W	145 -309
1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	153 -225
1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	131 -176
1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	153 -226
1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	131 -177
1660 2121	Capacitor - 120pF $\pm$ 5% 50V	145 -310
1660 2150	Capacitor - 15pF $\pm$ 5% 50V	153 -227
1660 2221	Capacitor - 220pF +80-20% 50V	131 -178
1660 2270	Capacitor - 27pF $\pm$ 20% 35V	131 -179
1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	131 -180
1660 2331	Capacitor - 330pF $\pm$ 5% 50V	131 -181
1660 2470	Capacitor - 47pF $\pm$ 5% 50V	131 -182
1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	131 -183
1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	131 -184
1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	131 -185
1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	123 -157
1660 4222	Capacitor - 2200pF - $\pm$ 10% - 50V	131 -186
1660 4472	Capacitor - 4700PF $\pm$ 10% 50V	153 -228
1660 6103	Capacitor - 10000pF - +80%-20%50V	131 -187

Part No.	Description	Page and Index No.
1660 6103	Capacitor - 10000pF - +80%-20%50V	153 -229
1660 8104	Capacitor - 0.1 μ F +80-20% 25V	131 -188
1660 8104	Capacitor - 0.1 μ F +80-20% 25V	153 -230
1902 0069	SRAM - 4Mx16 3.3v G1	123 -158
1906 0094	Flash Memory - S29AL016D70TFI020	123 -159
1907 0013	SDRAM:256M:4Mx16x4:133Mhz:G1	131 -189

Part No.	Description	Page and Index No.
5053 0223	Bushing - 8mm	29 - 20
5053 0447	Bushing - 6mm	47 - 5
5053 0447	Bushing - 6mm	93 - 10
5053 0447	Bushing - 6mm	25 - 28
5201 2858	Friction Pad	27 - 11
5203 9502	Grease 501	161 - 2
5206 2684	Shoulder Screw - M3	57 - 23
5442 2754	Spring - Registration Roller	41 - 2
5442 9101	Setting Powder	161 - 3
5443 2668	Bushing - 4x6x7mm	43 - 6
5447 2681	Snap Ring	35 - 37
5447 2681	Snap Ring	79 - 9
5447 2681	Snap Ring	81 - 27
5447 2681	Snap Ring	83 - 14
5447 2681	Snap Ring	85 - 15
5447 2681	Snap Ring	93 - 36
5447 2681	Snap Ring	115 - 14
5447 2681	Snap Ring	33 - 2
5447 2681	Snap Ring	73 - 21
5894 2540	Arm Screw	33 - 28
6754 2866	Roller - Positioning Guide	113 - 10
6754 2866	Roller - Positioning Guide	115 - 12

Part No.	Description	Page and Index No.