



RICOH UNIVERSITY

Learning ♦ Knowledge ♦ Performance



B064/B065/B140/B141/B142/ B143/B163/B228/G126 PARTS CATALOG

001361MIU

Gestetner **LANIER** **RICOH** **SAVIN**



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B143/B163/B228/G126
PARTS CATALOG**





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LEGEND

PRODUCT CODE	COMPANY			
	GESTETNER	LANIER	RICOH	SAVIN
B064	6002	LD060	Aficio 1060	2560
B065	7502	LD075	Aficio 1075	2575
B140	DSm660	LD160	Aficio 2060	4060
B141	DSm675	LD175	Aficio 2075	4075
B142	DSm660 SP	LD160 SP	Aficio 2060 SP	4060 SP
B143	DSm675 SP	LD175 SP	Aficio 2075 SP	4075 SP
B163	DSm651	LD151	Aficio 2051	4051
B228	DSm651 SP	LD151 SP	Aficio 2051 SP	4051 SP
G126	P7575	LP175hdn	AP900	MLP75n
A812	Punch Unit Type 850			
B328	Copy Connector Cable Type 2105			
B377	Punch Kit Type 1045			
B452	Key Counter Bracket Type 1027			
B468/B469	3000-Sheet Finisher SR850/SR860			
B470	Cover Interposer Tray Type 1075			
B471	Mail Box CS390			
B473/B474/B475	LCT RT43/8½"x14" Paper Size Tray Type 1075/A3/11"x17" Tray Unit Type 1075			
B476	Copy Tray Type 1075			
B478	3000-Sheet Finisher SR840			
B513	Jogger Unit Type 1075			
B531	Punch Unit Type 1075/1090			
B659/B581/B582/B735	Printer/Scanner Unit Type 2075/IEEE1394/IEEE802.11B/Security Unit			
B660	Z-Folding Unit Type 2105			
B674	3000-Sheet Finisher SR861			
B706	3000-Sheet Finisher SR841			
G338/G339/G336/B525	Printer/Scanner Kit Type 1075/IEEE1394/IEEE802.11B			

DOCUMENTATION HISTORY

REV. NO.	DATE	COMMENTS
*	06/2002	Original Printing
1	11/2002	B478, B513, B531 Additions
2	11/2004	B140/B141/B142/B143/B163/B228 Addition
3	05/2005	G126 Addition

B064/B065/B140/B141/B142/ B143/B163/B228/G126

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**G338/G339/G336/B525 PRINTER/SCANNER KIT TYPE
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1.PRINTER/SCANNER/IEEE1394/IEEE802.11B...	2

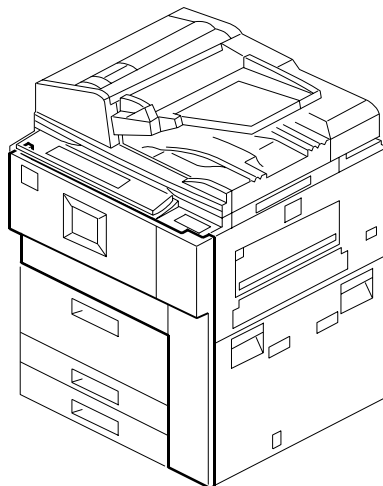
**G338/G339/G336/B525 PRINTER/SCANNER KIT TYPE
1075/IEEE1394/IEEE802.11B PARTS INDEX
PARTS INDEX 2**

**B064/B065/B140/B141/B142/
B143/B163/B228/G126
PARTS LOCATION AND LIST**

This section instructs you as to the numbers and names of parts on this machine.

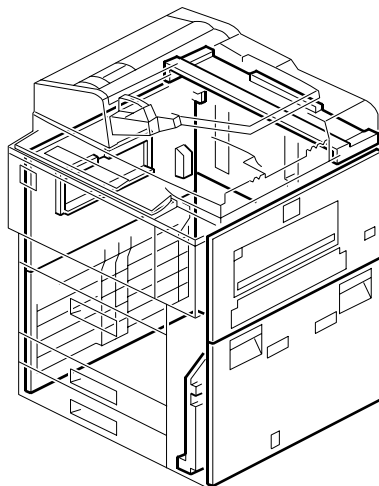
LOCATIONS OF UNITS

1. EXTERIOR 1



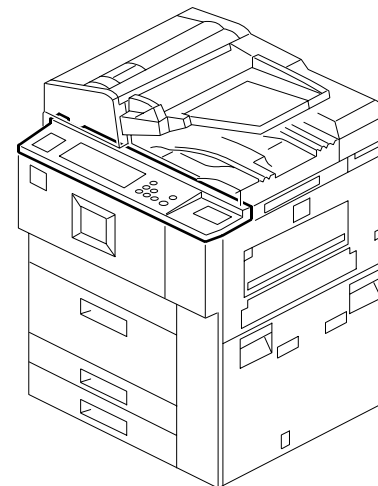
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2. EXTERIOR 2



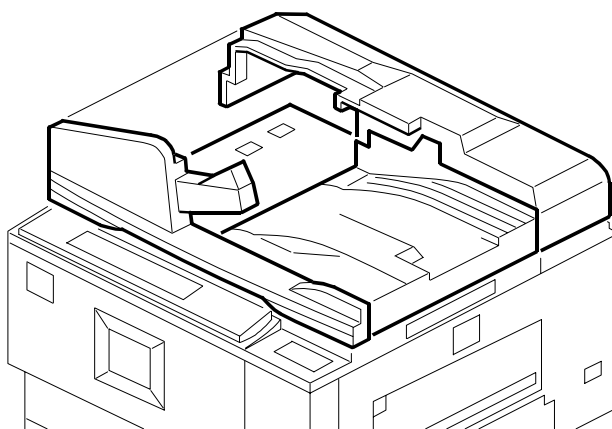
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3. OPERATION PANEL



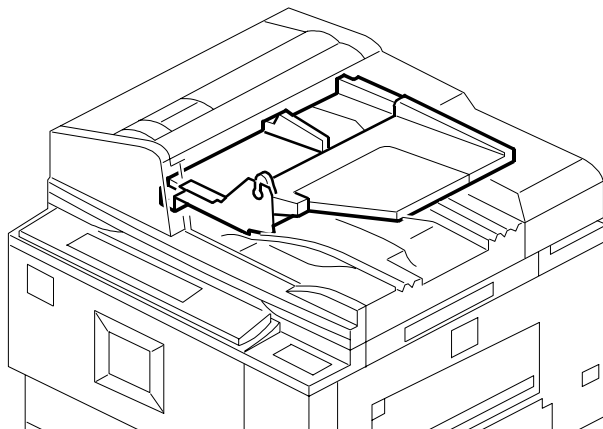
See Page 19

4. DF EXTERIOR



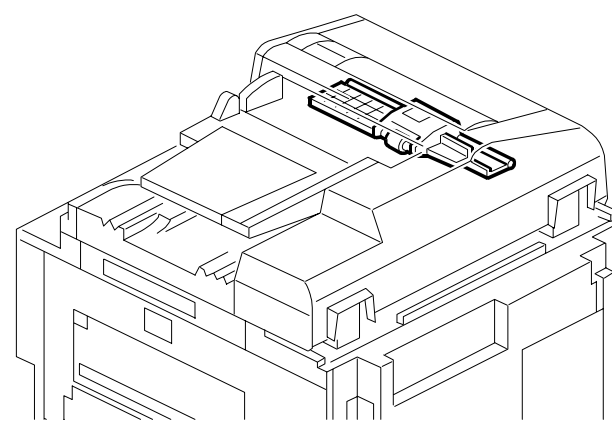
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5. DF ORIGINAL FEED 1



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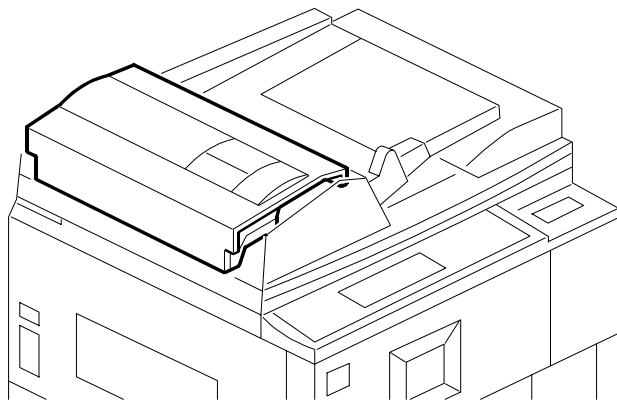
6. DF ORIGINAL FEED 2



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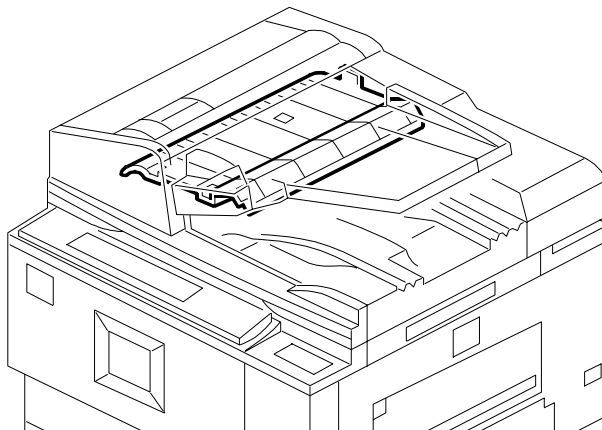
LOCATIONS OF UNITS

7. DF ORIGINAL TRANSFER 1



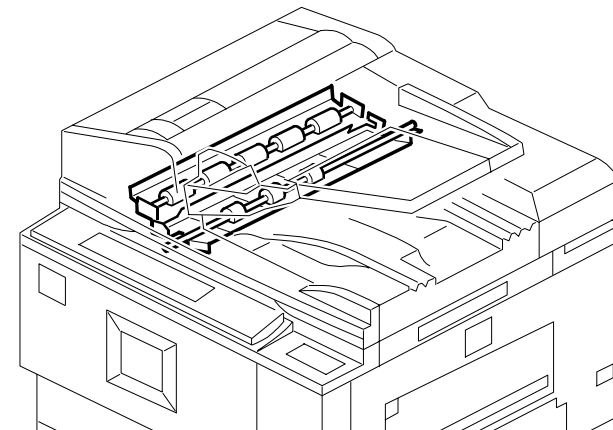
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8. DF ORIGINAL TRANSFER 2



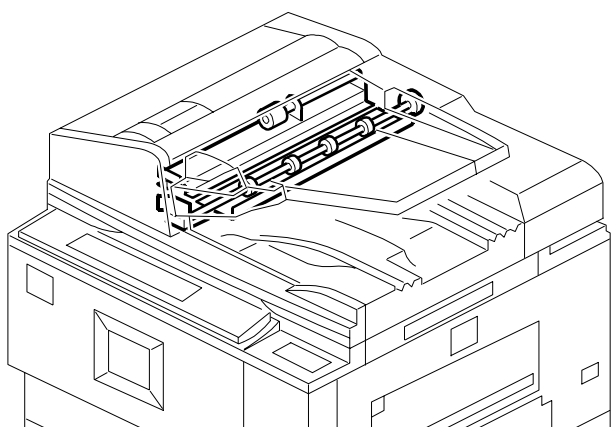
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9. DF ORIGINAL TRANSFER 3



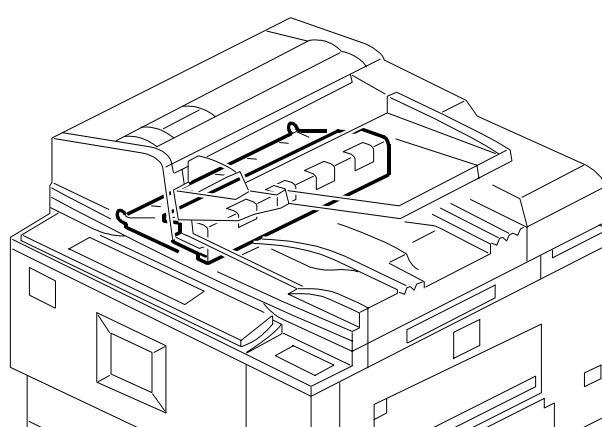
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10. DF ORIGINAL TRANSFER 4



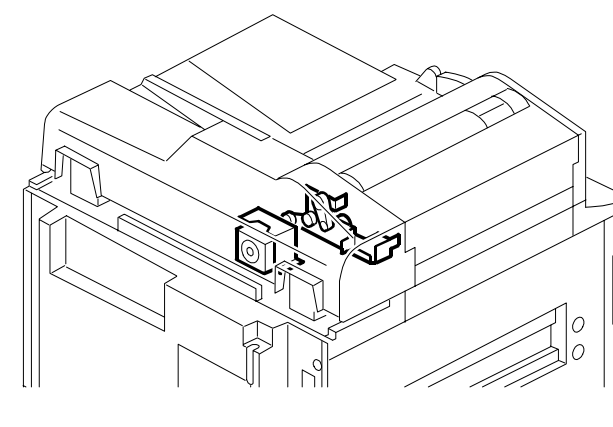
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11. DF ORIGINAL EXIT



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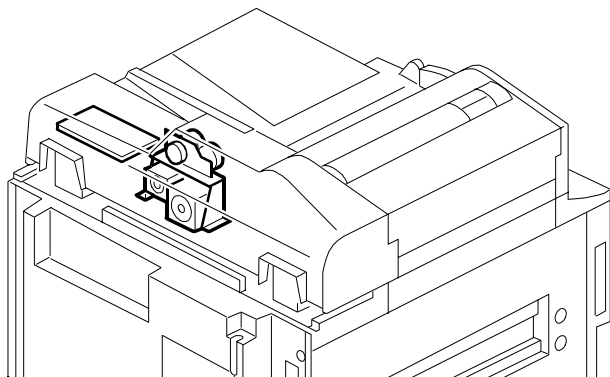
12. DF DRIVE/ELECTRICAL 1



See Page 37

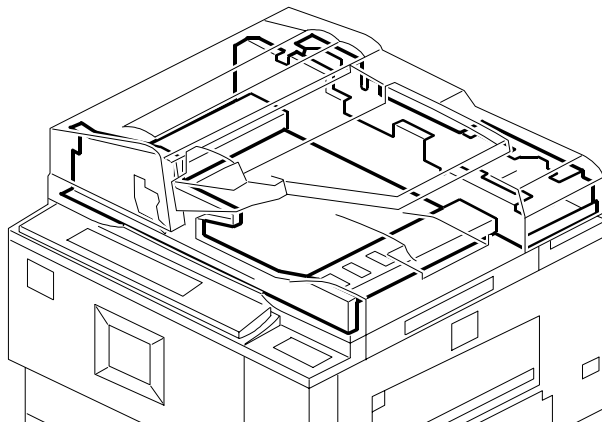
LOCATIONS OF UNITS

13. DF DRIVE/ELECTRICAL 2



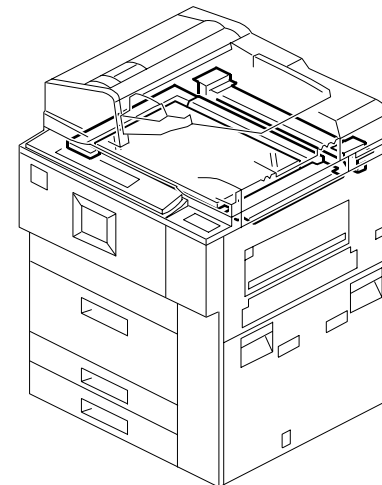
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14. DF FRAME SECTION



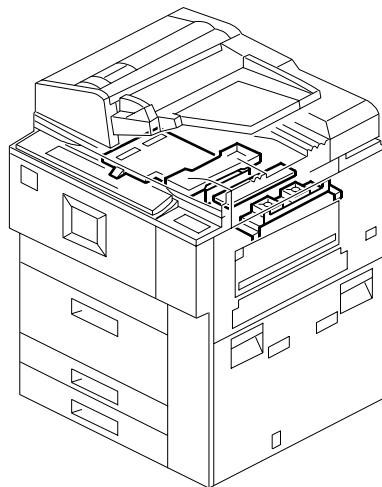
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15. OPTICS SECTION 1



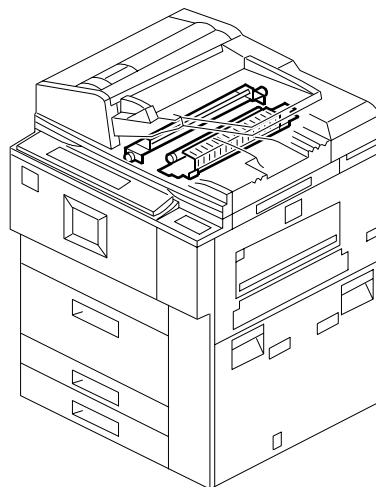
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16. OPTICS SECTION 2



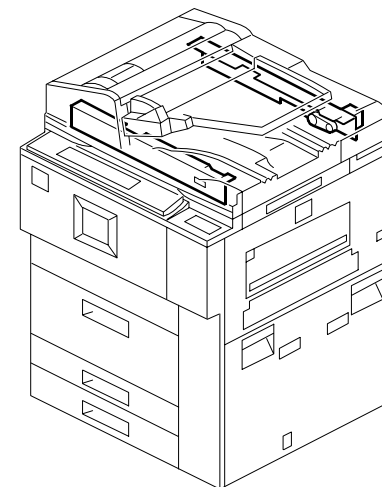
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17. OPTICS SECTION 3



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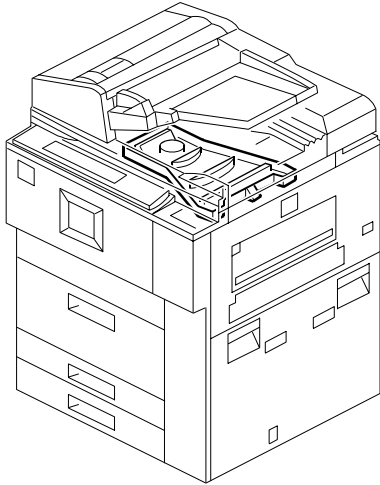
18. OPTICS SECTION 4



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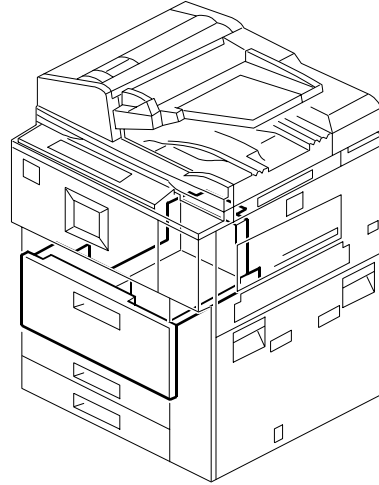
LOCATIONS OF UNITS

19. LASER UNIT



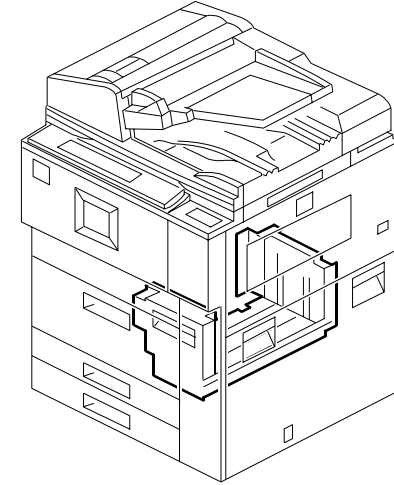
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20. TANDEM TRAY 1



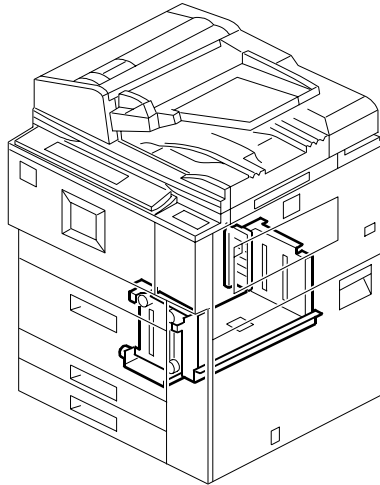
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21. TANDEM TRAY 2



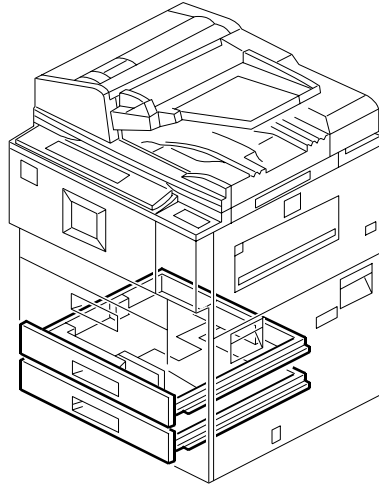
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22. TANDEM TRAY 3



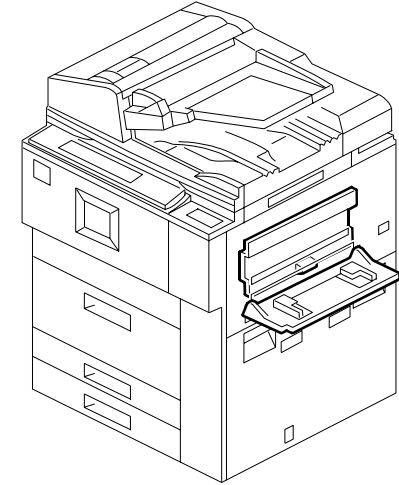
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23. UNIVERSAL TRAY



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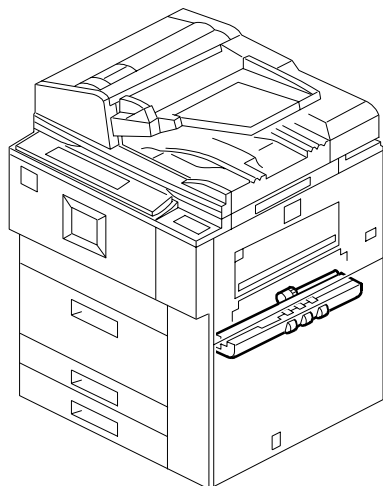
24. BY-PASS FEED TRAY



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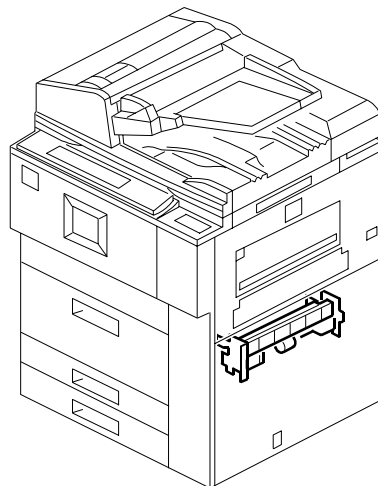
LOCATIONS OF UNITS

25. PAPER FEED UNIT 1



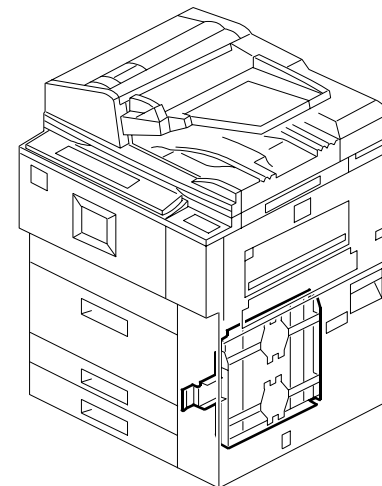
See Page 63

26. PAPER FEED UNIT 2



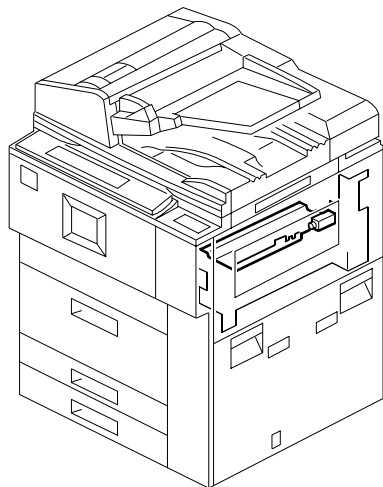
See Page 65

27. VERTICAL TRANSPORT



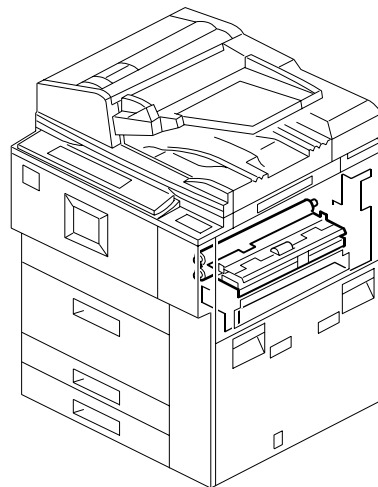
See Page 67

28. PAPER REGISTRATION 1



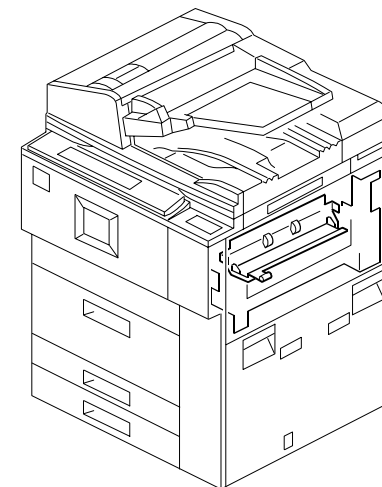
See Page 69

29. PAPER REGISTRATION 2



See Page 71

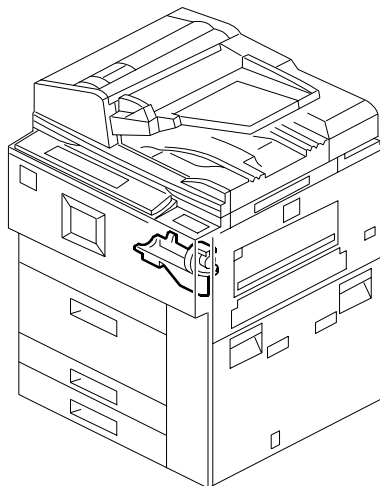
30. PAPER REGISTRATION 3



See Page 73

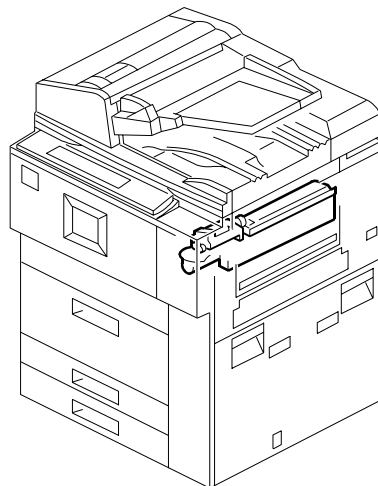
LOCATIONS OF UNITS

31. TONER HOPPER SECTION



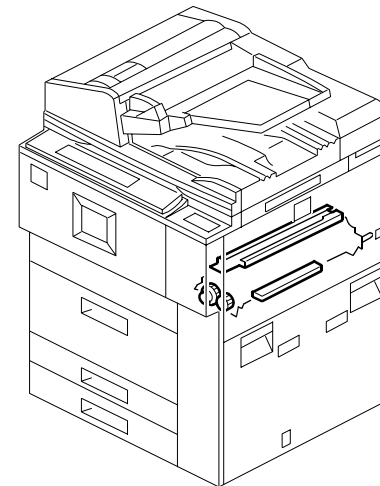
See Page 75

32. TONER SUPPLY UNIT



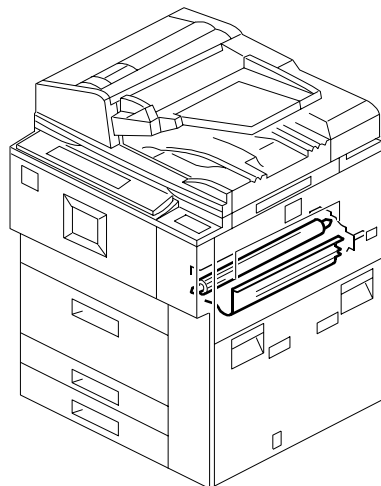
See Page 77

33. DEVELOPMENT UNIT 1



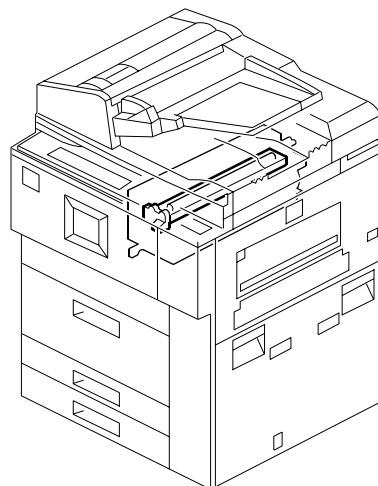
See Page 79

34. DEVELOPMENT UNIT 2



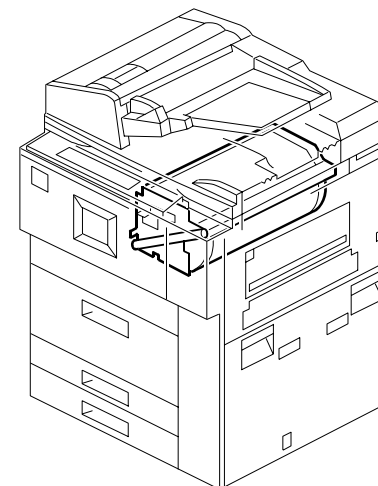
See Page 81

35. PCU 1



See Page 83

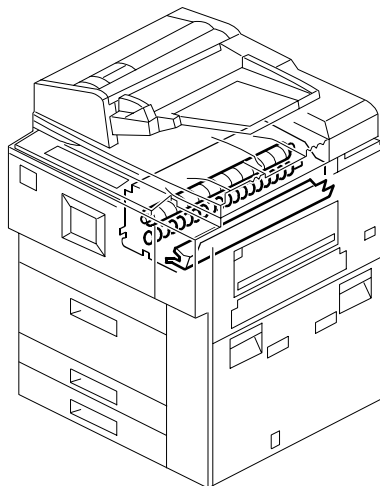
36. PCU 2



See Page 85

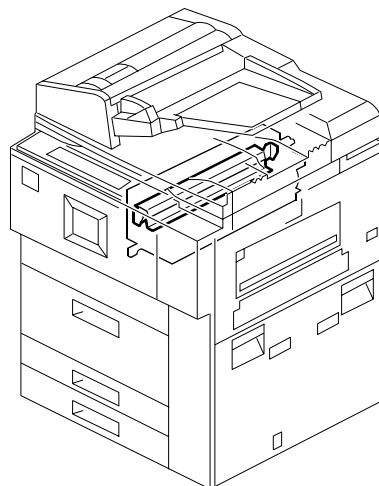
LOCATIONS OF UNITS

37. PCU 3



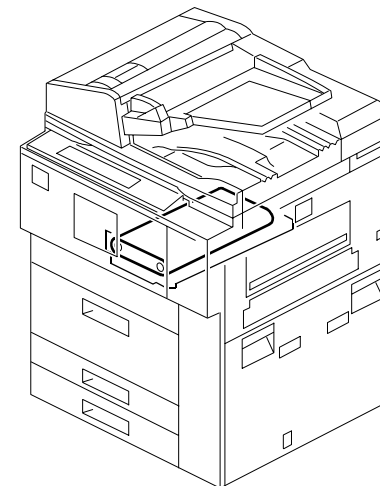
See Page 87

38. PCU 4



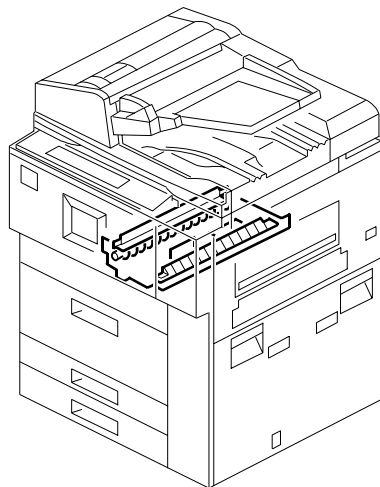
See Page 89

39. TRANSFER BELT UNIT 1



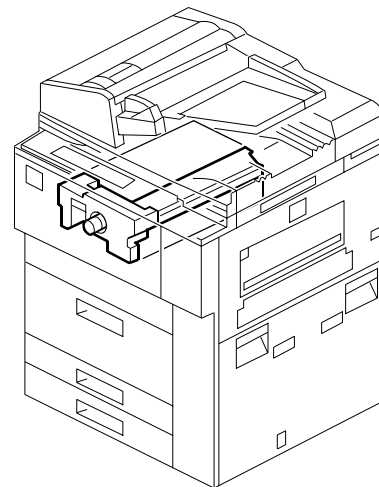
See Page 91

40. TRANSFER BELT UNIT 2



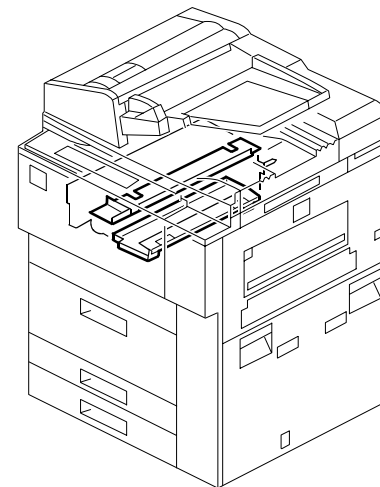
See Page 93

41. FUSING UNIT 1



See Page 95

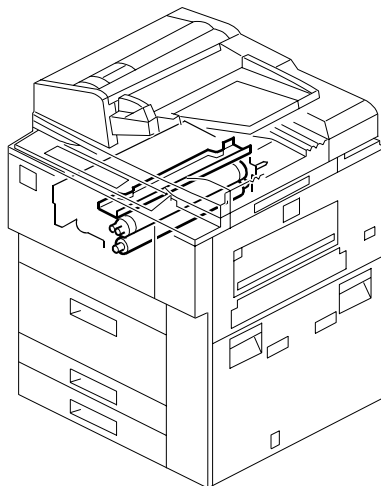
42. FUSING UNIT 2



See Page 97

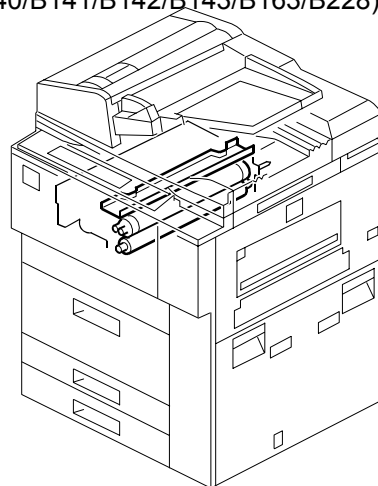
LOCATIONS OF UNITS

43. FUSING UNIT 3 (B064/B065)



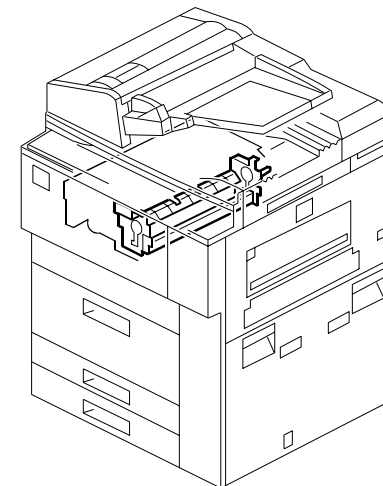
See Page 99

44. FUSING UNIT 3
(B140/B141/B142/B143/B163/B228)



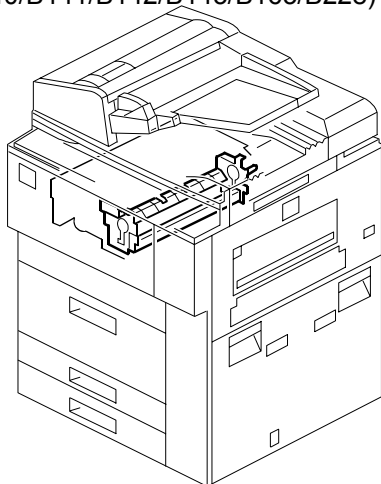
See Page 101

45. FUSING UNIT 4 (B064/B065)



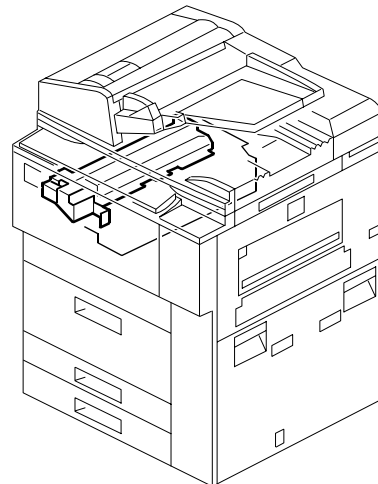
See Page 103

46. FUSING UNIT 4
(B140/B141/B142/B143/B163/B228)



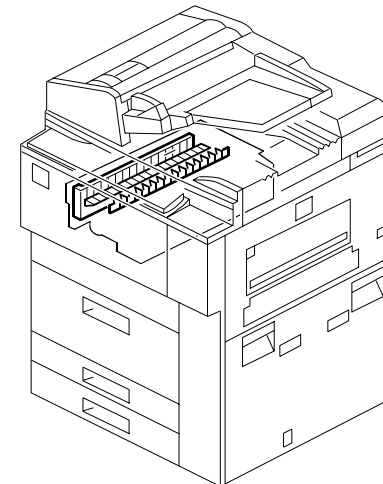
See Page 105

47. PAPER EXIT SECTION 1



See Page 107

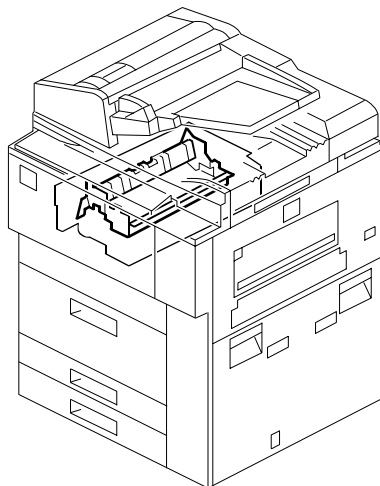
48. PAPER EXIT SECTION 2



See Page 109

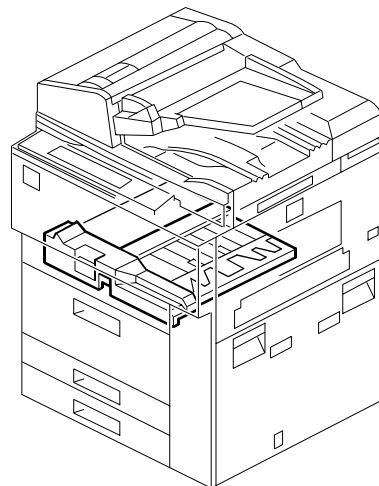
LOCATIONS OF UNITS

49. PAPER EXIT SECTION 3



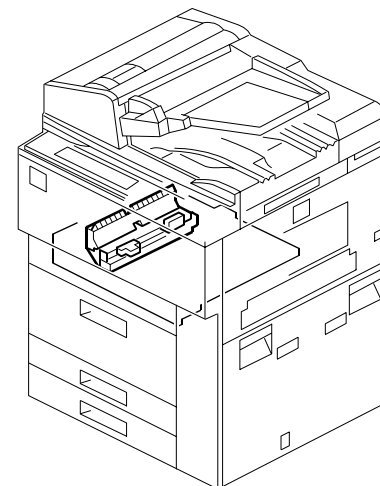
See Page 111

50. DUPLEX UNIT 1



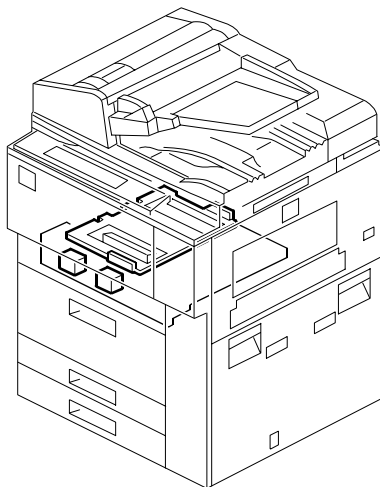
See Page 113

51. DUPLEX UNIT 2



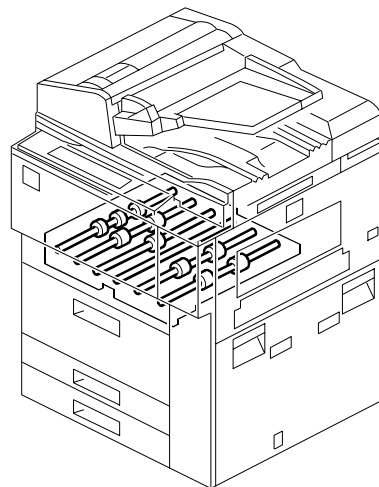
See Page 115

52. DUPLEX UNIT 3



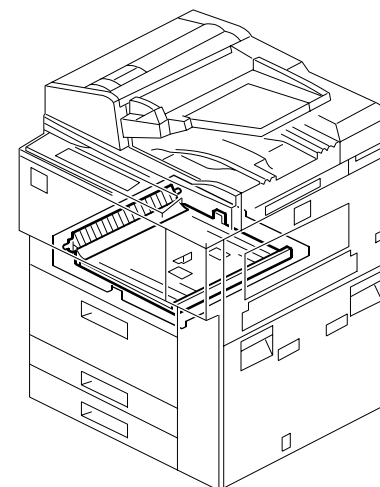
See Page 117

53. DUPLEX UNIT 4



See Page 119

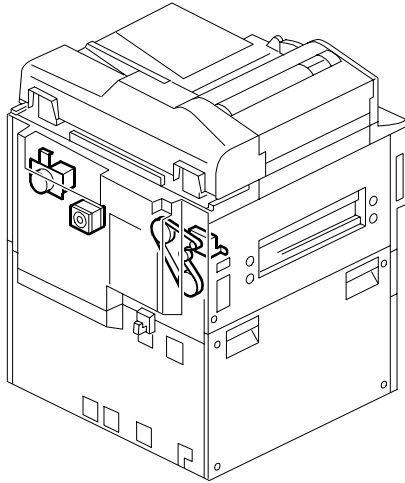
54. DUPLEX UNIT 5



See Page 121

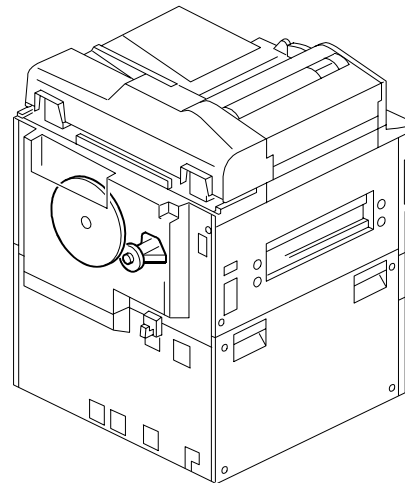
LOCATIONS OF UNITS

55. DRIVE SECTION 1



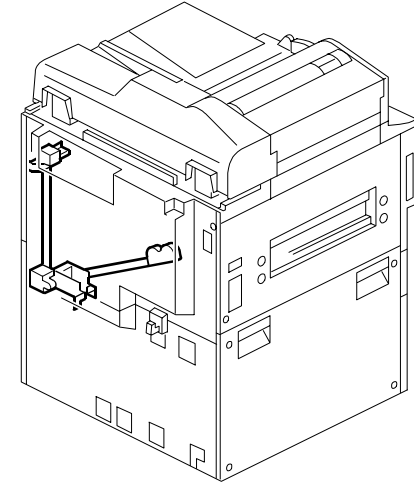
See Page 123

56. DRIVE SECTION 2



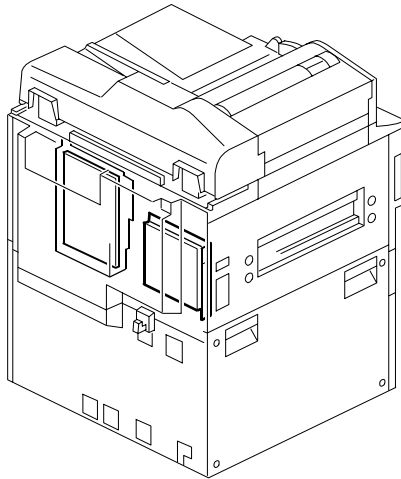
See Page 125

57. TONER COLLECTION



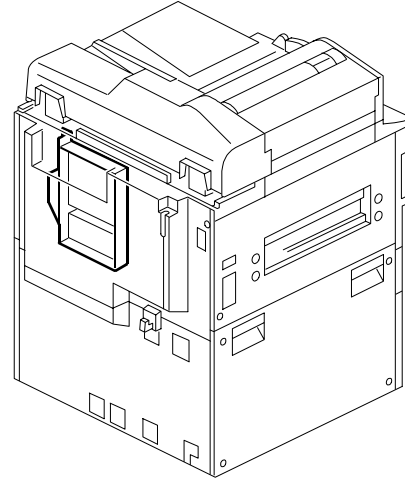
See Page 127

58. ELECTRICAL SECTION 1



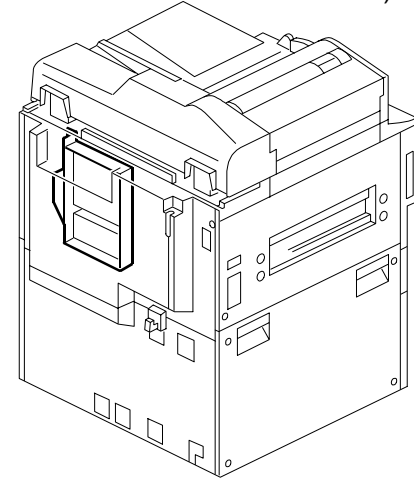
See Page 129

59. ELECTRICAL SECTION 2 (B064/B065)



See Page 131

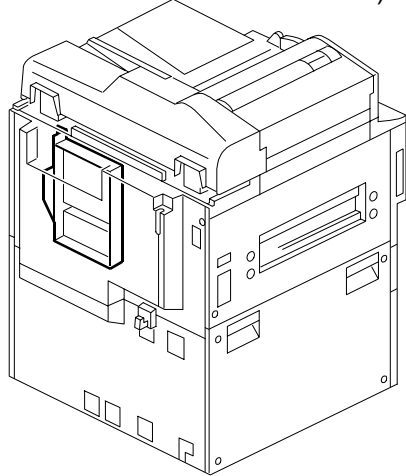
60. ELECTRICAL SECTION 3
(B140/B141/B142/B143/B163/B228)



See Page 133

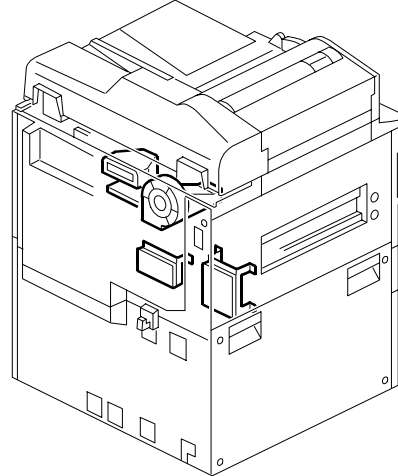
LOCATIONS OF UNITS

61. ELECTRICAL SECTION 4
(B140/B141/B142/B143/B163/B228)



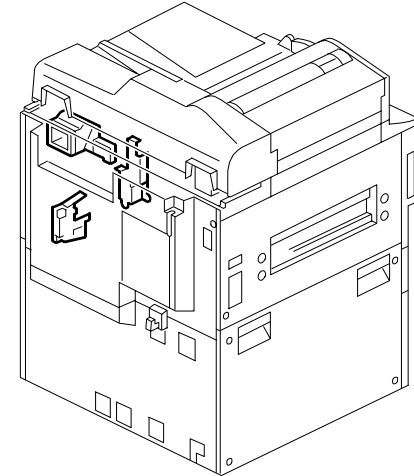
See Page 135

62. ELECTRICAL SECTION 5



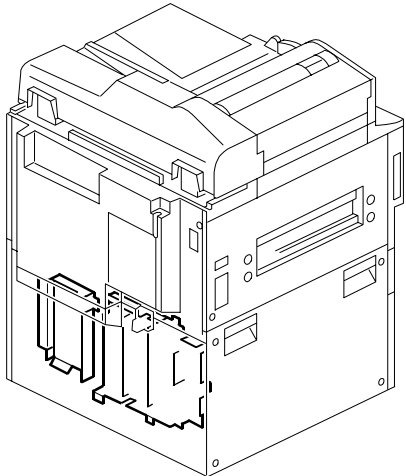
See Page 137

63. ELECTRICAL SECTION 6



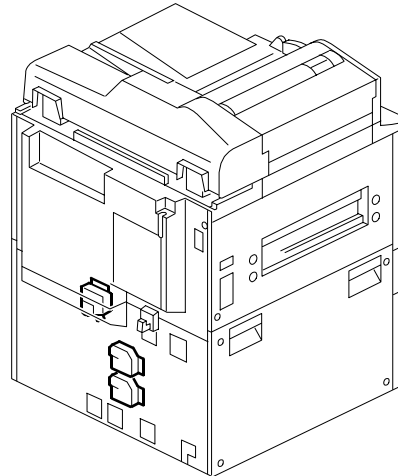
See Page 139

64. ELECTRICAL SECTION 7



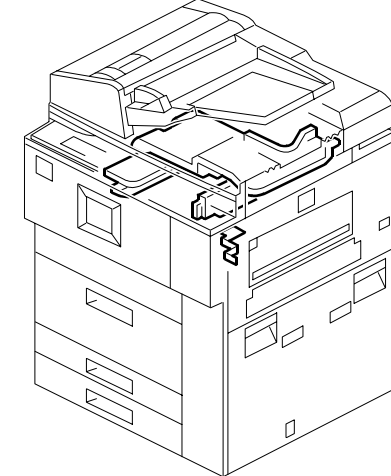
See Page 141

65. ELECTRICAL SECTION 8



See Page 143

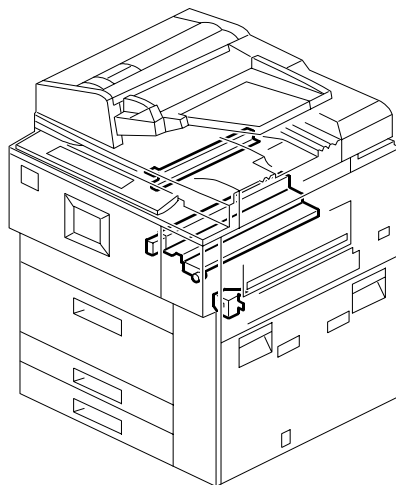
66. UPPER FRAME 1



See Page 145

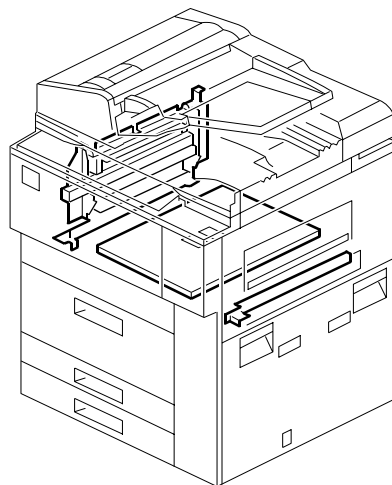
LOCATIONS OF UNITS

67. UPPER FRAME 2



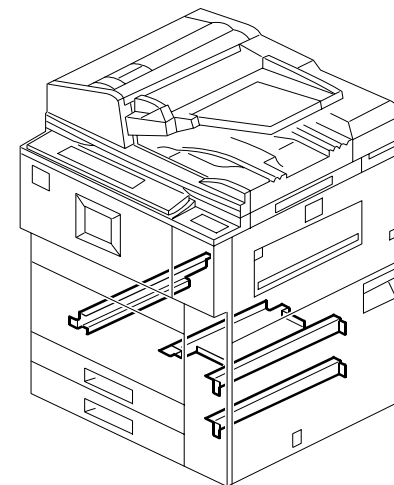
See Page 147

68. UPPER FRAME 3



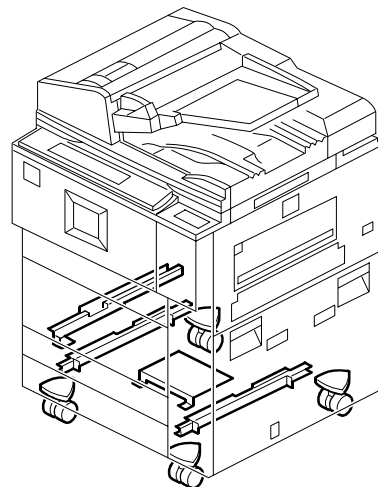
See Page 149

69. LOWER FRAME 1



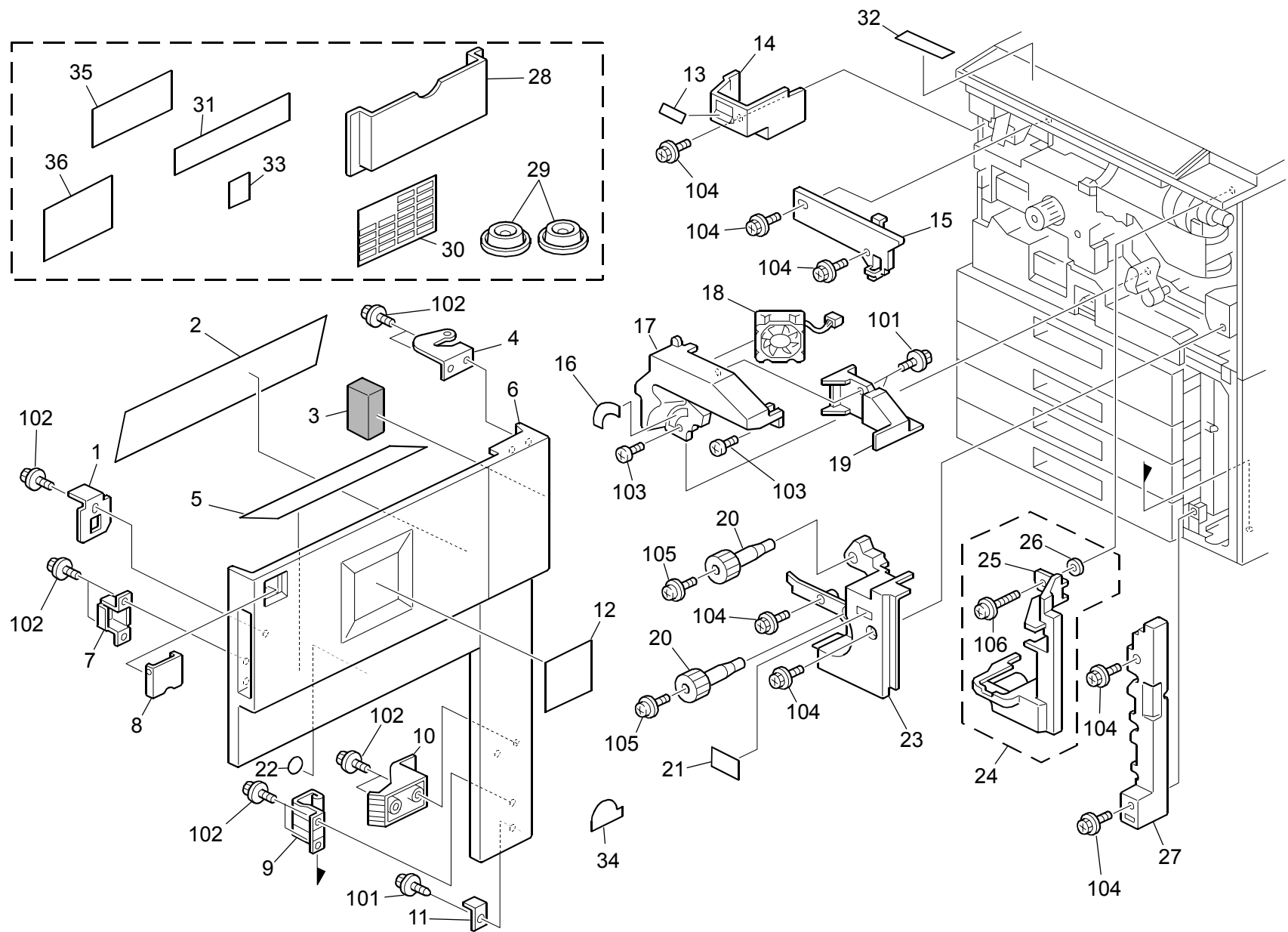
See Page 151

70. LOWER FRAME 2



See Page 153

1.EXTERIOR 1



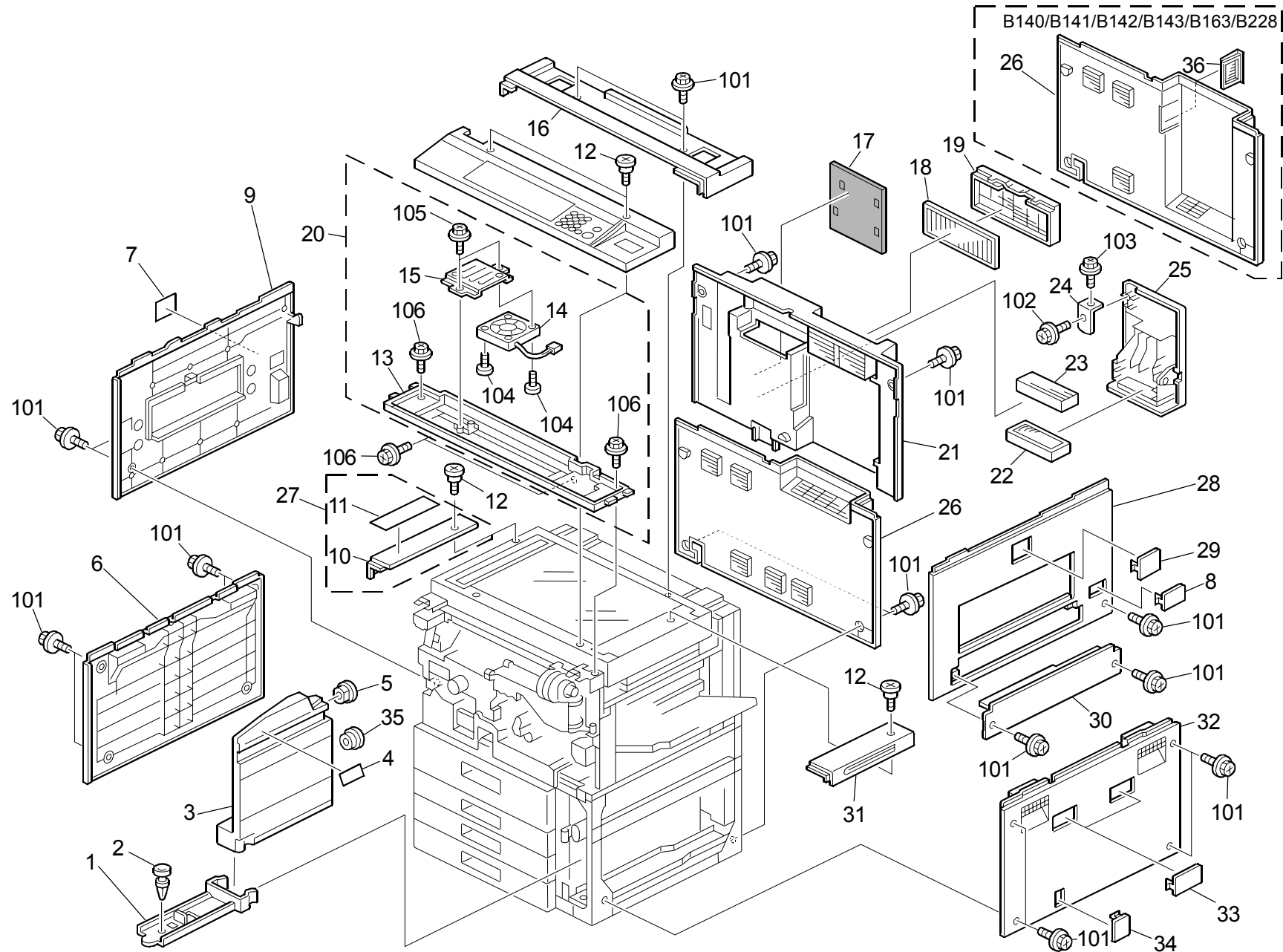
1.EXTERIOR 1

Rev. 05/01/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	A294 1292	Door Switch Bracket	1
2	B065 1361	Decal - Misfeed Removal (B064/B065)	1
2	B140 1361	Decal: Misfeed Removal: Main (B140/B141/B142/B143/B163/B228)	1
3	B065 1329	Upper Right Door Seal	1
4	B098 1342	Hinge: Upper	1
5	B065 1366	Decal - Toner Supply	1
6	B065 1301	Front Door	1
7	B065 1327	Door Catch	1
8	B065 1325	Main Switch Cover	1
9	B140 1223	Hinge Lower Ass'y	1
10	B065 1323	Guide Plate Lever	1
11	B065 1326	Micro Switchlever	1
12	B064 7012	Model Name Plate -Aficio 1060	1
12	B163 7012	Model Name Plate -Aficio 2051[TSB#084]	1
12	B140 7012	Model Name Plate -Aficio 2060[TSB#084]	1
12	B141 7012	Model Name Plate -Aficio 2075[TSB#084]	1
12	B064 7015	Model Name Plate -GES 6002	1
12	B163 7015	Model Name Plate -GES DSm651[TSB#084]	1
12	B140 7015	Model Name Plate -GES DSm660[TSB#084]	1
12	B141 7015	Model Name Plate -GES DSm675[TSB#084]	1
12	B064 7018	Model Name Plate -Lanier LD060	1
12	B163 7018	Model Name Plate -Lanier LD151[TSB#084]	1
12	B140 7018	Model Name Plate -Lanier LD160[TSB#084]	1
12	B141 7018	Model Name Plate -Lanier LD175[TSB#084]	1
12	B065 7012	Model Name Plate -Aficio 1075	1
12	B065 7015	Model Name Plate -GES 7502	1
12	B065 7018	Model Name Plate -Lanier LD075	1
12	G126 7012	Model Name Plate - RIC AP900 (G126)	1
12	G126 7015	Model Name Plate - GES P7575 (G126)	1
12	G126 7016	Model Name Plate - NSH P7575 (G126)	1
12	G126 7017	Model Name Plate - REX P7575 (G126)	1
13	B065 1363	Decal - Main Switch (NA/ASIA/KOR)	1
13	B065 1364	Decal - Main Switch (EU/CHN/TWN)	1
14	B065 1315	Inner Cover - Main Switch	1

Index No.	Part No.	Description	Q'ty Per Assembly
15	B065 1316	Fusing Inner Cover	1
16	B065 3699	Decal - Release Lever	1
17	B065 1313	PCU Inner Cover	1
18	AX64 0137	Cooling Fan - 24V	1
19	B065 1318	PCU Duct Inner Cover	1
20	A060 2512	Registration Roller Knob	2
21	A294 1378	Decal - Total Counter	1
22	B065 1367	Decal - Front Door	1
23	B065 1314	Lower Right Inner Cover	1
24	A229 3290	Right Inner Cover	1
25	A229 3291	Right Inner Cover	1
26	AA10 0006	Nut - M3.6	1
27	B065 6184	Paper Feed Inner Cover	1
28	B027 8521	O/I Holder	1
29	B023 1101	Stand Holder	2
30	B065 8490	Decal Sheet - Paper Size	1
31	B070 1307	Decal - Caution Chart Paper Set	3
32	B477 4371	Decal - Cleaning	1
32	B065 7133	Decal - Cleaning (CHN)	1
32	B065 7134	Decal - Cleaning (TWN)	1
33	B477 4431	Decal - Original Table	1
34	GA00 3035	Energy Decal (B140/B141/B142/B143/B163/B228)	1
35	B065 3342	Decal - Toner Supply	1
35	B065 3345	Toner Supply Decal - German	1
35	B065 3346	Toner Supply Decal - French	1
35	B065 3347	Toner Supply Decal - Italian	1
35	B065 3348	Toner Supply Decal - Spanish	1
36	B065 4276	Decal: D1/E1: Multi	1
101	0450 3008N	Tapping Screw - M3x8	
102	0450 4010N	Tapping Screw - 4x10	
103	0354 0080N	Screw - M4X8	
104	0451 4008N	Philips Tapping Screw - M4x8	
105	0951 4008N	Philips Screw With Washer - M4x8	
106	0951 4012N	Philips Screw With Flat Washer	

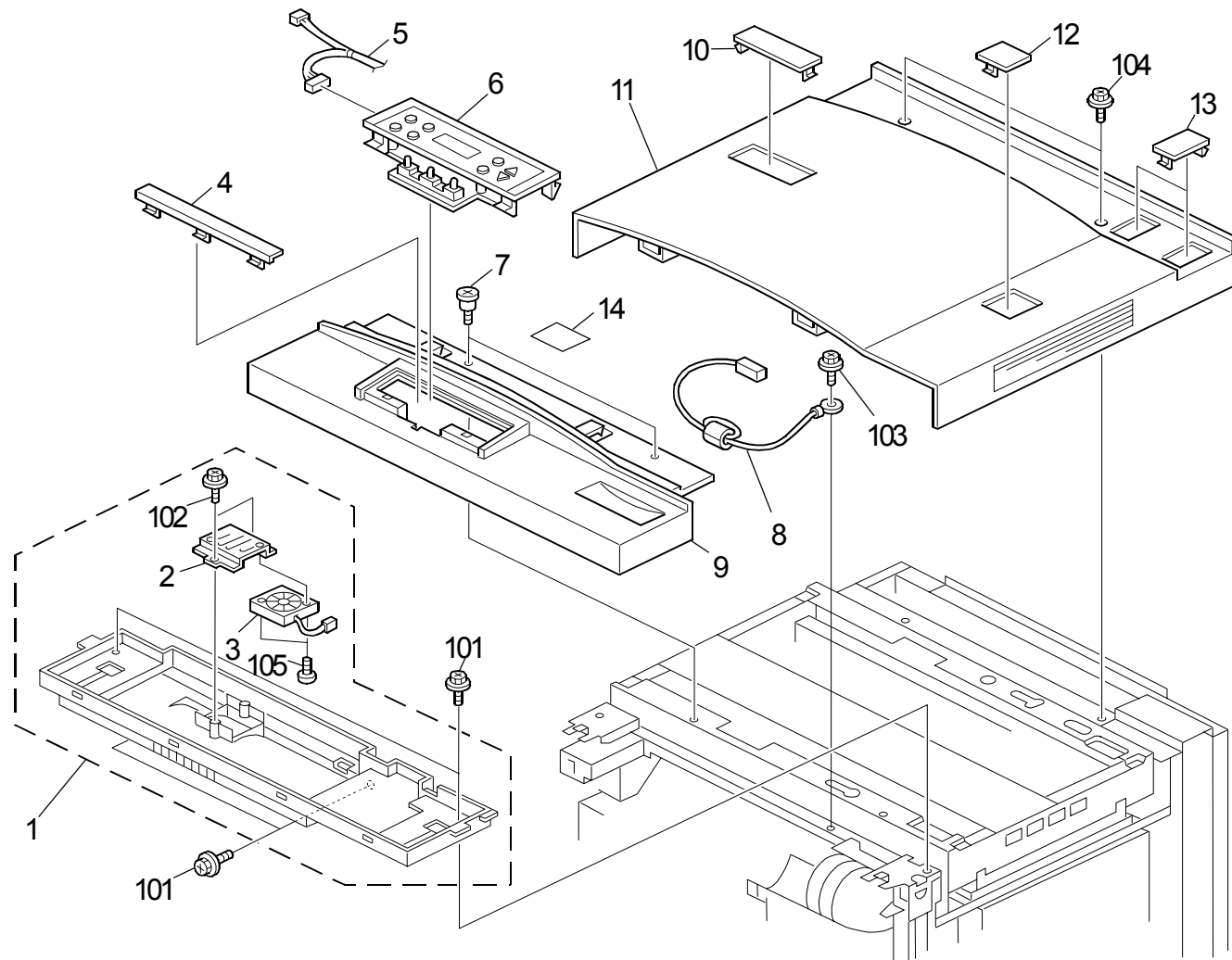
2.EXTERIOR 2



2.EXTERIOR 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3689	Toner Collection Bottle Bracket	1
2	A096 3712	Ratch	1
3	B065 3681	Toner Collection Bottle	1
4	AA00 0059	Caution Decal - English	1
4	AA00 0550	Caution Decal - CHN	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	B065 1304	Upper Left Cover (B064/B065)	1
9	B140 1304	Left Upper Cover (B140/B141/B142/B143/B163/B228)	1
10	B065 1311	Upper Left Cover	1
11	B477 4391	Decal - Exposure Glass Cleaning	1
12	AA14 3416	Stepped Screw - M4x3	4
13	B065 1312	Operation Inner Cover	1
14	AX64 0110	Axial Fan - Mm40 24V	1
15	B065 1345	Fan Bracket	1
16	B065 1309	Upper Rear Cover	1
17	AA15 2701	Duct Seal	1
18	AA01 2128	Machine Or Copier Filter	1
19	B065 1332	Louver	1
20	B065 1243	Operation Panel Inner Cover	1
21	B065 1305	Upper Rear Cover (B064/B065)	1
21	B140 1305	Rear Upper Cover (B140/B141/B142/B143/B163/B228)	1
22	AA01 0108	Ozone Filter	1
23	AA01 0114	Front Ozone Filter	1
24	A293 1332	Duct Holder	1
25	B065 1237	Exhaust Cover Duct	1
26	B065 1308	Lower Rear Cover (B064/B065)	1
26	B140 1308	Rear Lower Cover (B140/B141/B142/B143/B163/B228)	1
27	B065 1244	Upper Left Cover	1
28	B065 1302	Upper Right Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
29	B065 1343	NCU Cap	1
30	B065 1303	LCT Cover	1
31	B065 1310	Upper Right Cover	1
32	B065 1333	Lower Right Cover	1
33	B065 1341	Connector Cap	2
34	B065 1342	Coupling Cap	1
35	AA15 2315	Tank Seal	1
36	B140 1309	Control Board Louver (B140/B141/B142/B143/B163/B228)	1
101	0451 4010N	Tapping Screw - 4x10	
102	0450 3008N	Tapping Screw - M3x8	
103	0451 3012N	Tapping Screw - 3x12	
104	0313 0100N	Philips Pan Head Screw - M3x10	
105	0450 4008N	Tapping Screw - 4x8	
106	0451 4008N	Philips Tapping Screw - M4x8	



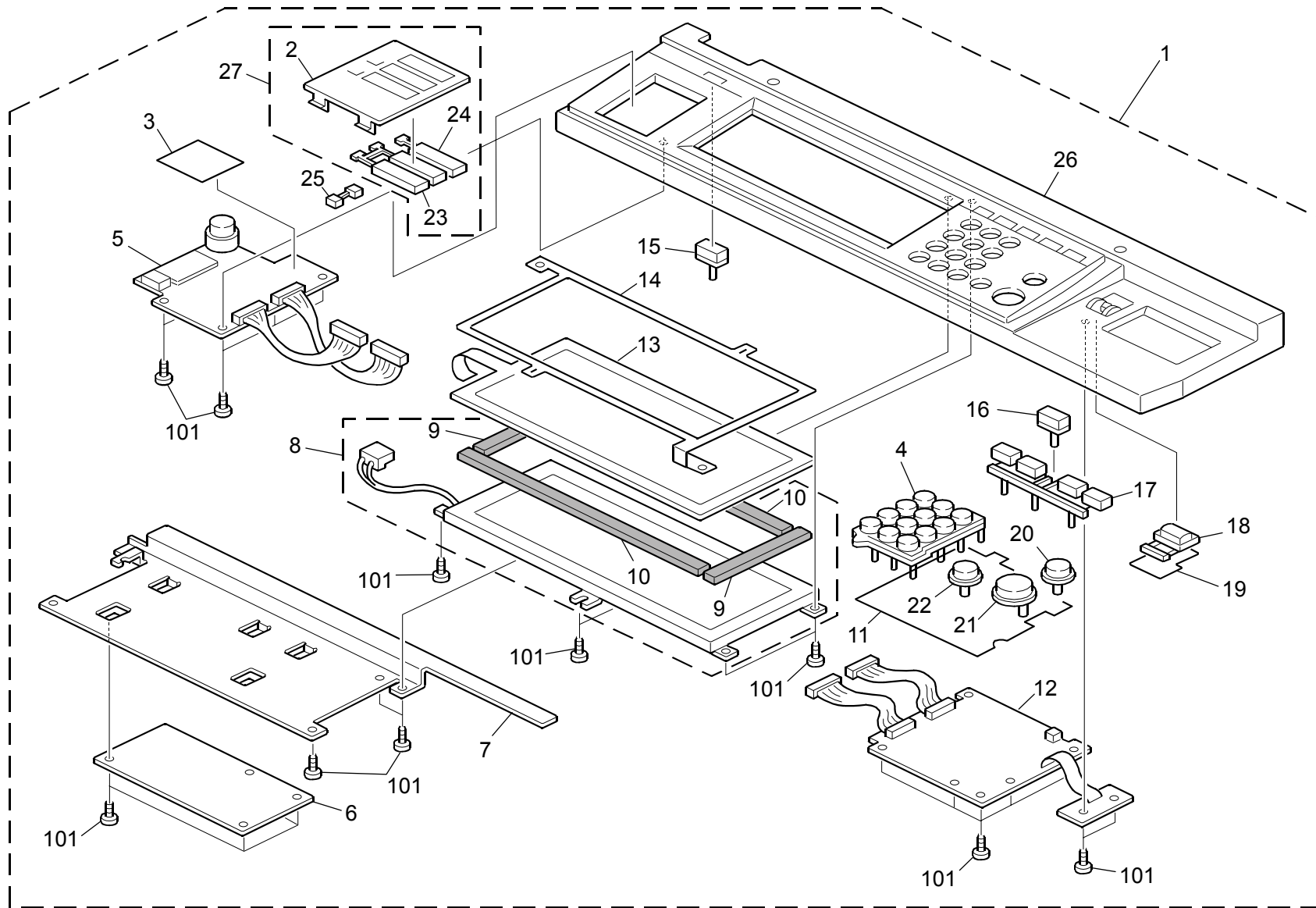
2.EXTERIOR 2 (G126)

Rev. 05/01/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 1243	Operation Panel Inner Cover	1
2	B065 1345	Fan Bracket	1
3	AX64 0110	Axial Fan – MM40 24V	1
4	G126 1451	Lens LED	1
5	G126 5466	Harness – Scanner Unit	1
6	G126 1912	Operation Panel EXP	1
7	AA14 3416	Stepped Screw – M4x3	2
8	G126 5406	Harness – OPU Earth	1
9	G126 1450	Cover Operation	1
10	G126 1261	Cap Cover	1
11	G126 1260	Cover Upper	1
12	B065 1343	NCU Cap	1
13	B065 1344	G4 Cap	3
14	G126 1419	Decal: User Cautions	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008B	Philips Tapping Screw – M4x8	
102	0450 4008B	Tapping Screw – 4x8	
103	0451 4008N	Tapping Screw – M4x8	
104	0451 4010H	Tapping Screw – 4x10	
105	0313 0100B	Philips Pan Head Screw – M3x10	
Refer to Section 2 Exterior 2 (pages 17-18) for parts not listed on this page.			

3.OPERATION PANEL



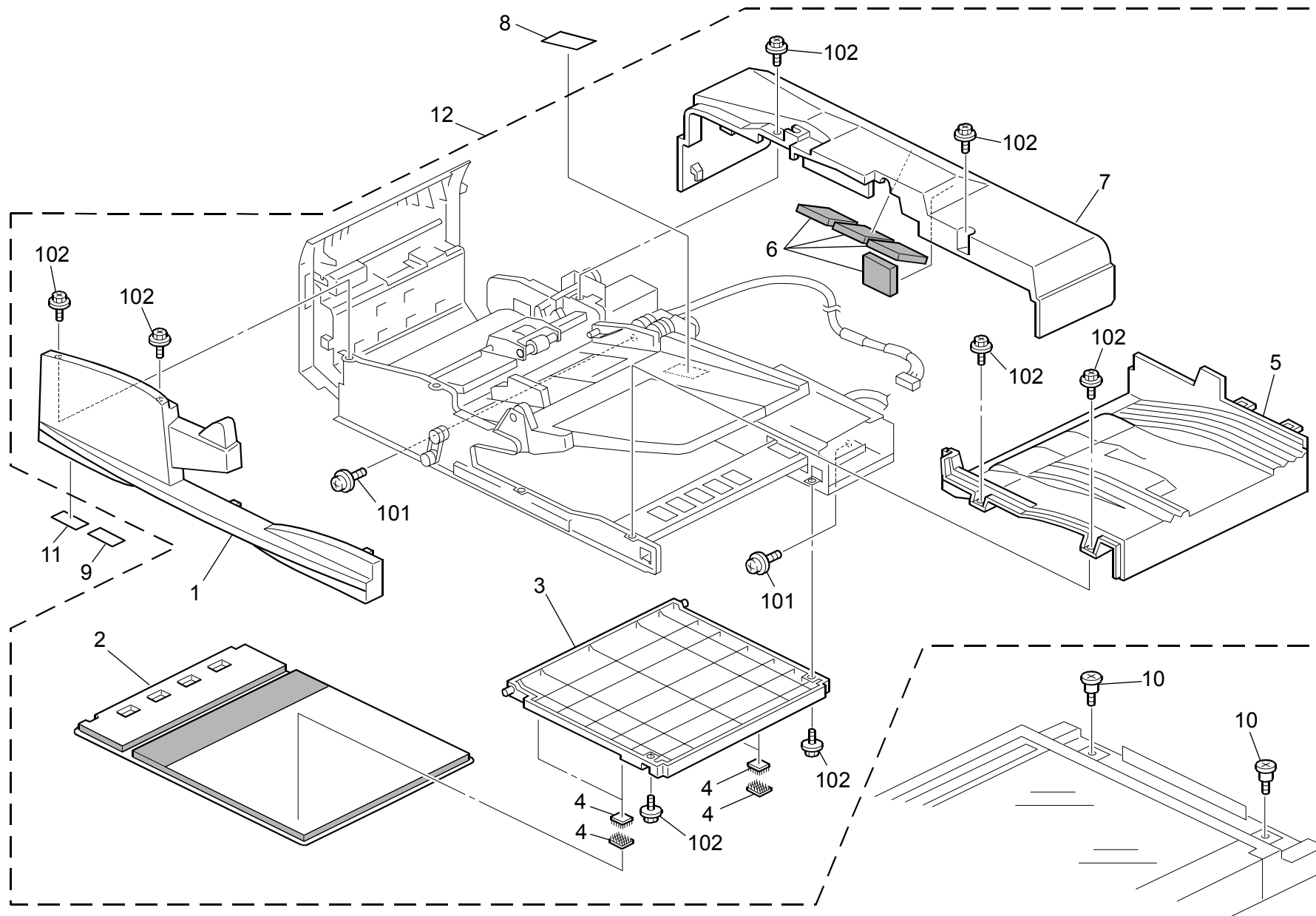
3.OPERATION PANEL

Rev. 01/11/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 1406	Operation Panel Ass'y - A4 (B064/B065 EU)	1
1	B065 1404	Operation Panel Ass'y - LT (B064/B065)	1
1	B065 1418	Operation Panel Ass'y - A4 (B064/B065 KOR)	1
1	B065 1416	Operation Panel Ass'y - A4 (B064/B065 CHN)	1
1	B065 1408	Operation Panel Ass'y - A4 (B064/B065 TWN)	1
1	B065 1414	Operation Panel Ass'y - A4 (B064/B065 ASIA)	1
1	B163 1414	Operation Panel:Mat:NA:Ass'y [TSB#101] (B140/B141/B142/B143/B163/B228)	1
1	B140 1406	Operation Panel:Mat:EU:Ass'y (B140/B141/B142/B143/B163/B228)	1
1	B140 1408	Operation Panel:ASIA:Ass'y (B140/B141/B142/B143/B163/B228)	1
2	B065 1448	Cap - Application	1
3	B065 1456	Sheet - Left Operation	1
4	B065 1440	Keytop - 10key	1
5	B065 1423	Left Operation PCB (B064/B065)	1
5	B140 1423	PCB Left Operation Sub-ass'y (B140/B141/B142/B143/B163/B228)	1
6	B065 5173	LCDC Board - LT (B064/B065)	1
6	B163 5193	PCB:OPU:NA:Ass'y [TSB#101] (B140/B141/B142/B143/B163/B228)	1
6	B065 5174	LCDC Board - A4 (B064/B065)	1
6	B163 5174	PCB:OPU:EU:Ass'y (B140/B141/B142/B143/B163/B228)	1
6	B065 5239	LCDC Board - A4 (B064/B065 TWN/ASIA)	1
6	B163 5180	PCB:OPU:TWN:Ass'y (B140/B141/B142/B143/B163/B228)	1
6	B065 5240	LCDC Board - A4 (B064/B065 CHN)	1
6	B065 5241	LCDC Board - A4 (B064/B065 KOR)	1
7	B065 1470	LCDC Bracket	1
8	B188 1414	LCD:Sub-Ass'y [TSB#101]	1

Index No.	Part No.	Description	Q'ty Per Assembly
9	B065 1459	LCD Short Sheet	2
10	B065 1458	LCD Long Sheet	2
11	B065 1454	Sheet - Right Operation	1
12	B065 1422	Right Operation PCB Ass'y (B064/B065)	1
12	B140 1422	PCB Right Operation Sub-ass'y (B140/B141/B142/B143/B163/B228)	1
13	A229 5216	Touch Panel	1
14	B065 1457	Sheet - Touch Panel	1
15	B065 1447	Keytop - Counter	1
16	B065 1439	Keytop - Reset Switch	1
17	B065 1446	Keytop - Function	1
18	B065 1444	Keytop - Power Source	1
19	B065 1455	Sheet - Power Source	1
20	B065 1443	Keytop - Sample Print	1
21	B065 1441	Keytop - Start	1
22	B065 1442	Keytop - Clear/Stop	1
23	B065 1460	Keytop - Application - LT	1
23	B065 1462	Keytop - Application - A4	1
23	G338 1449	Keytop:PRT/SCN:NA (B142/B143/B228)	1
24	B065 1461	Keytop - Display - LT	1
24	B065 1463	Keytop - Display - A4	1
25	B065 1451	Lens - Application	1
26	B065 1425	Operation Panel Case - LT	1
26	B065 1427	Operation Panel Case - A4	1
27	G338 1421	Keytop - Printer/Scanner - US (B142/B143/B228)	1
101	0451 3006N	Tapping Screw - M3x6	

4.DF EXTERIOR



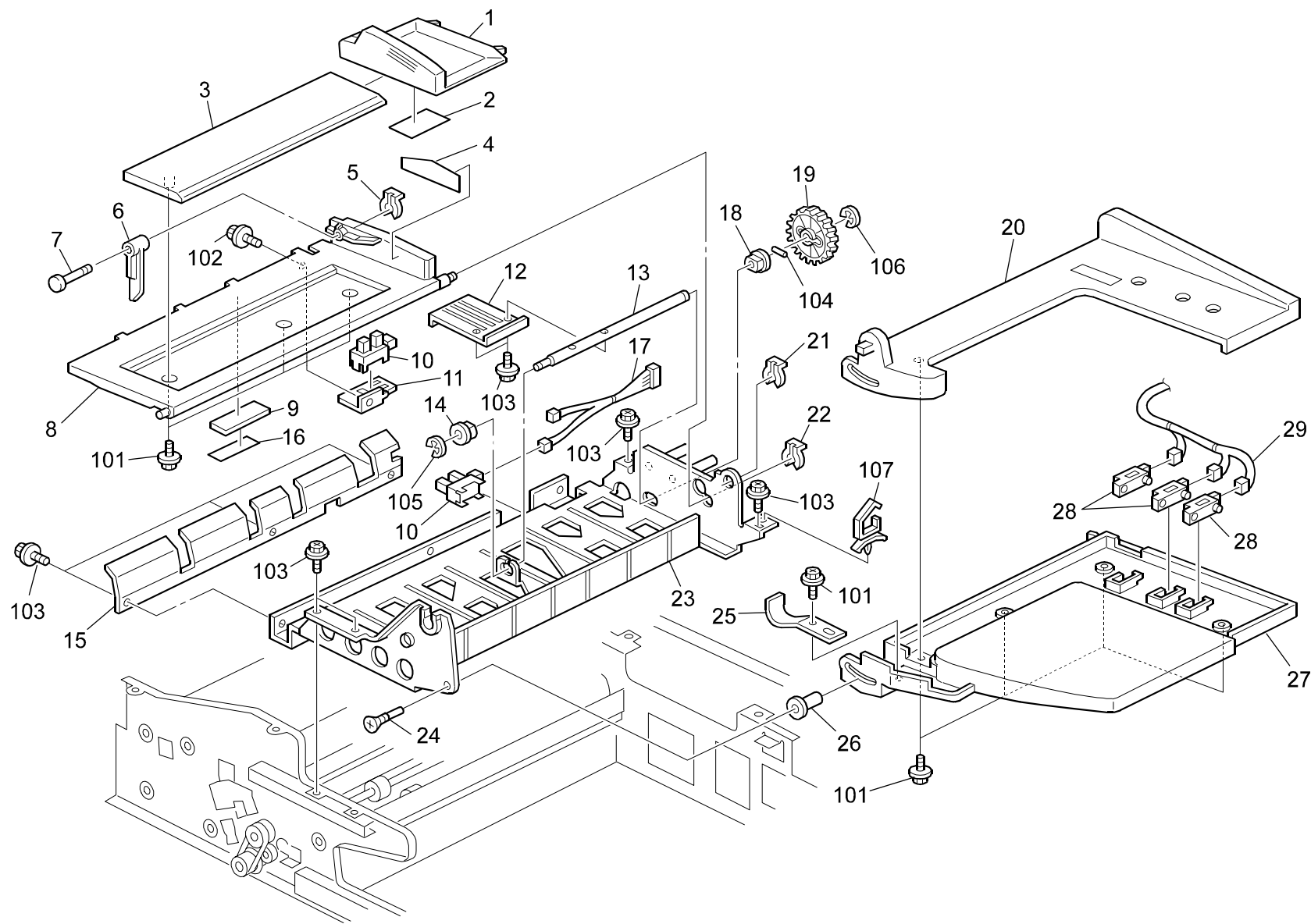
4.DF EXTERIOR

Rev. 11/14/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 1891	Front Cover	1
2	B477 2711	Pressure Plate	1
3	B477 1922	Lower Cover	1
4	B477 2715	Pressure Plate Tape	8
5	B477 1861	Exit Cover	1
6	B477 4911	Rear Cover Sponge	4
7	B477 1912	Rear Cover	1
8	B477 4431	Decal - Original Table	1
9	B477 4381	Caution Decal - CIS	1
10	A859 7211	Stepped Screw	2
11	B477 4362	Decal - Misfeed Removal - Exit	1
12	B065 7004	SADF Model C2 (B140)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 5010N	Philips Screw With Washer - M5x10	
102	0451 3006N	Tapping Screw - 3x6	

5.DF ORIGINAL FEED 1



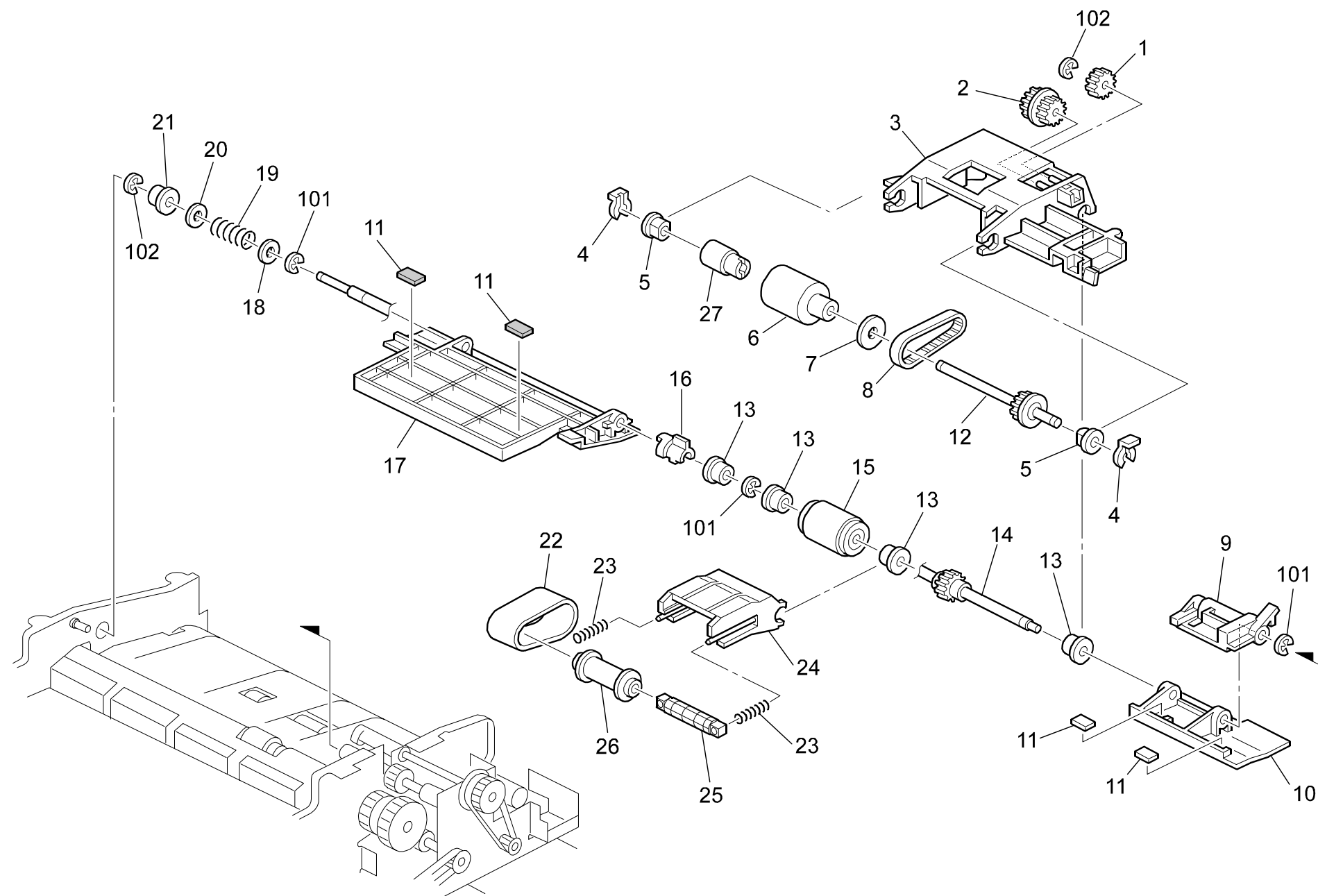
5.DF ORIGINAL FEED 1

Rev. 10/31/2006

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 2272	Table Side Fence	1
2	A376 4599	Side Fence Pad	1
3	G564 4151	Rail - Side Fence	1
4	B477 4311	Decal - Original Base	1
5	5206 2686	Snap Ring	1
6	A806 1351	Original Sensor Feeler	1
7	B477 2286	Original Sensor Feeler Stud	1
8	B477 2262	Original Table Base	1
9	B477 2263	Cushion	1
10	AW02 0086	Photointerruptor	2
11	B477 2281	Original Sensor Bracket	1
12	B477 2323	Base Lift Lever	1
13	B477 2322	Base Lift Shaft	1
14	5053 0447	Bushing - 6mm	1
15	A806 1335	Original Table Guide Plate	1
16	B477 2264	Base Cushion Sheet	1
17	B477 5741	Original Connecting Harness	1
18	5053 0223	Bushing - 8mm	1
19	A806 2281	Gear - Z47	1
20	B477 1731	Face Original Table	1
21	5215 2621	Snap Ring - M6	1
22	5447 2681	Snap Ring	1
23	B477 2291	Original Table Stay	1
24	5415 4145	Stud	1
25	B477 1765	Spring Plate - Original Table Stop	1
26	B477 1761	Original Table Stopper	1
27	B477 1755	Back Original Table	1
28	AW01 0112	Photo Sensor - Ass'y	3
29	B477 5631	Original Table Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3006N	Tapping Screw - M3x6	
103	0802 5279	Tapping Screw - With Washer - M3X8	
104	0632 0140G	Parallel Pin	
105	0720 0040E	Retaining Ring - M4	
106	0720 0060E	Retaining Ring - M6	
107	1105 0310	Harness Clamp - LWS-1S	

6.DF ORIGINAL FEED 2

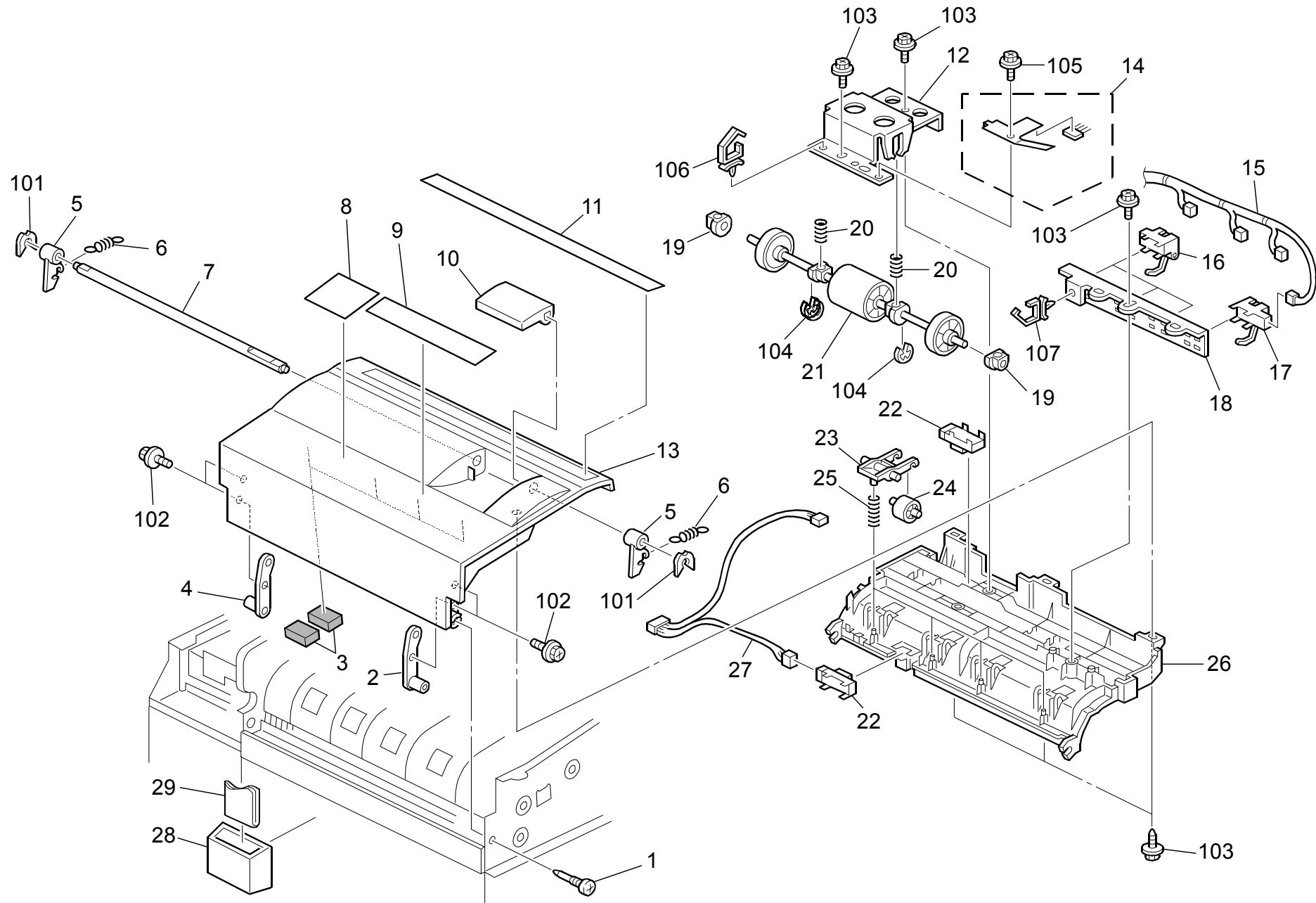


6.DF ORIGINAL FEED 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	A806 2271	Gear - Z18	1
2	A806 2151	Timing Pulley - T19/Z23 S2M/M0.6	1
3	B477 2222	Pick-up Roller Bracket	1
4	5447 2681	Snap Ring	2
5	5053 0447	Bushing - 6mm	2
6	B477 2225	Pick-up Roller	1
7	AA13 2171	Spacer - 6x20x1	1
8	A806 4118	Timing Belt - B40S2M148	1
9	B477 2231	Pick-up Roller Lever	1
10	B477 2182	Rear Entrance Guide	1
11	A806 1163	Guide Plate Cushion	4
12	A806 2153	Timing Pulley - T27 S2M	1
13	A628 1225	Bushing - 8mm	4
14	B477 2191	Separation Shaft	1
15	A806 1293	Feed Belt Drive Roller	1
16	A680 1621	Feed-in Unit Stopper	1
17	B477 2172	Front Entrance Guide	1
18	AA13 2013	Spacer	1
19	AA06 3315	Spring - Belt Drive Shaft	1
20	A418 1158	Spacer - M6.5x1	1
21	B301 1286	Bushing - 6x10x6	1
22	A806 1295	Feed Belt	1
23	A806 4261	Spring Belt Guide Roller	2
24	A806 1292	Feed Belt Bracket	1
25	A806 1298	Transport Belt Roller Shaft	1
26	A806 1294	Feed Belt Driven Roller	1
27	B477 2226	Pickup Roller:Coupling	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0720 0040E	Retaining Ring - M4	

7.DF ORIGINAL TRANSFER 1

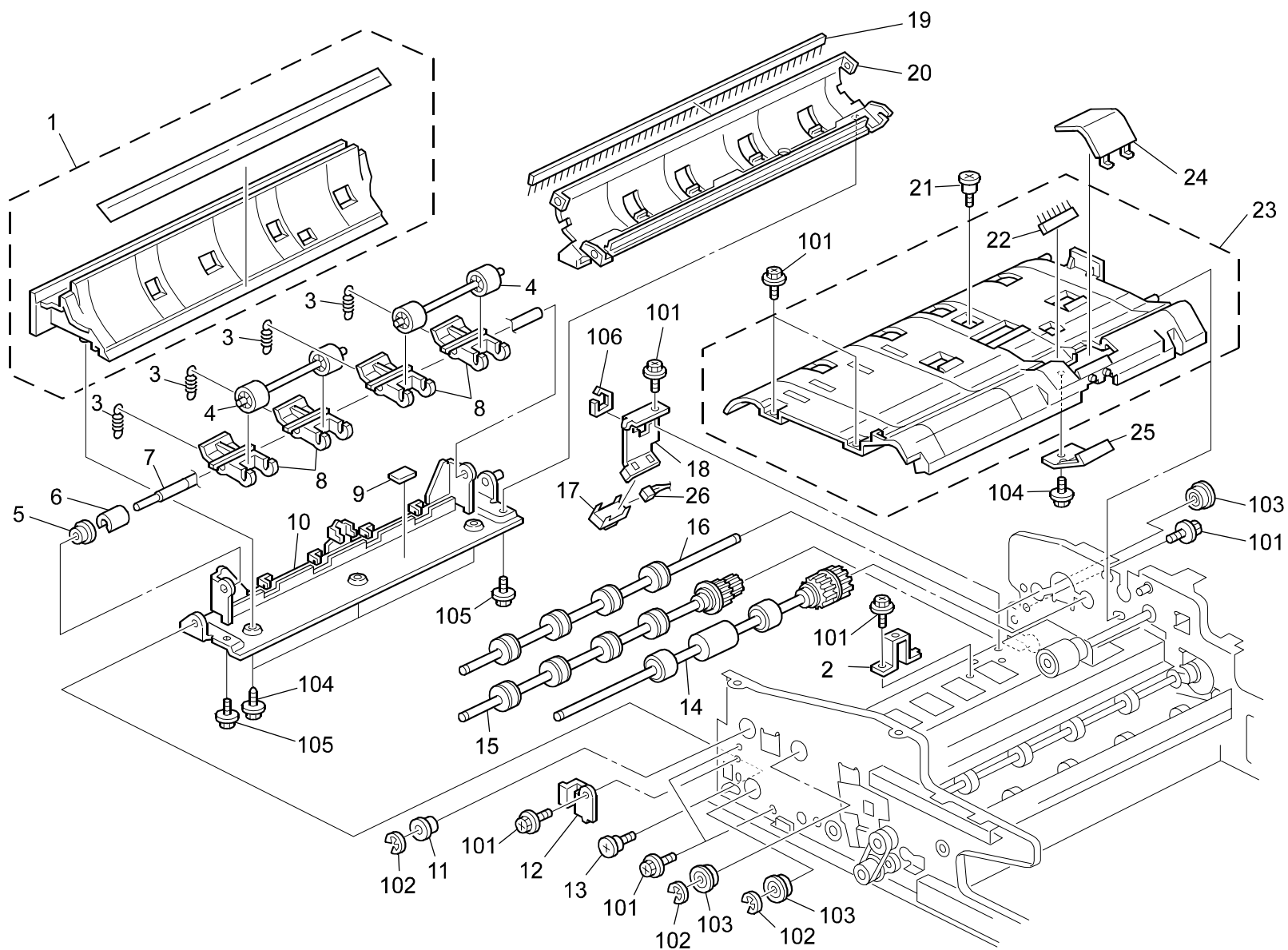


7.DF ORIGINAL TRANSFER 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	5446 2824	Screw - Duplex Guide Plate	1
2	B477 1841	Front Cover Bracket	1
3	B477 4912	Paper Feed Cover Sponge	8
4	B477 1851	Rear Cover Bracket	1
5	B477 1825	Paper Feed Release Lever	2
6	B477 4117	Spring	2
7	B477 1831	Grip Shaft	1
8	G564 6077	Decal:Exposure Glass:5-lang	1
8	B477 4341	Decal - Exposure Glass (CHN)	1
8	B477 4342	Decal - Exposure Glass (TWN)	1
9	B477 4352	Decal - Misfeed Removal	1
10	B477 1821	Paper Feed Cover Grip	1
11	B477 4331	Decal - Original Size	1
12	B477 2361	Pull Out Roller Bracket	1
13	B477 1791	Paper Feed Cover	1
14	B477 2391	Paper Feed Grounding Plate	1
15	B477 5651	Paper Size Relay Harness	1
16	AW02 0104	Photointerruptor	3
17	AW02 0095	Photointerruptor	1
18	B477 2382	Paper Size Sensor Bracket	1
19	AA08 0037	Bushing - 6mm	2
20	B477 4111	Spring	2
21	B477 2351	Driven Pull Out Roller	1
22	AW01 0049	Photo Reflection Sensor	2
23	B477 2373	Relay Roller Arm	4
24	B477 2372	Driven Paper Feed Roller	4
25	B477 4113	Spring	4
26	B477 2342	Guide:Paper Feed:Upper	1
27	B477 5671	Registration Relay Harness	1
28	B065 1371	Cloth Holder	1
29	B065 1374	Cloth - DF Exposure Glass	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 0089	Retaining Ring - M4	
102	0451 3008N	Tapping Screw - M3x8	
103	0450 3008N	Tapping Screw - M3x8	
104	0720 0040E	Retaining Ring - M4	
105	0451 3006N	Tapping Screw - M3x6	
106	1105 0310	Harness Clamp - LWS-1S	
107	1105 0511	Harness Clamp - LWS-0306ZC	

8.DF ORIGINAL TRANSFER 2

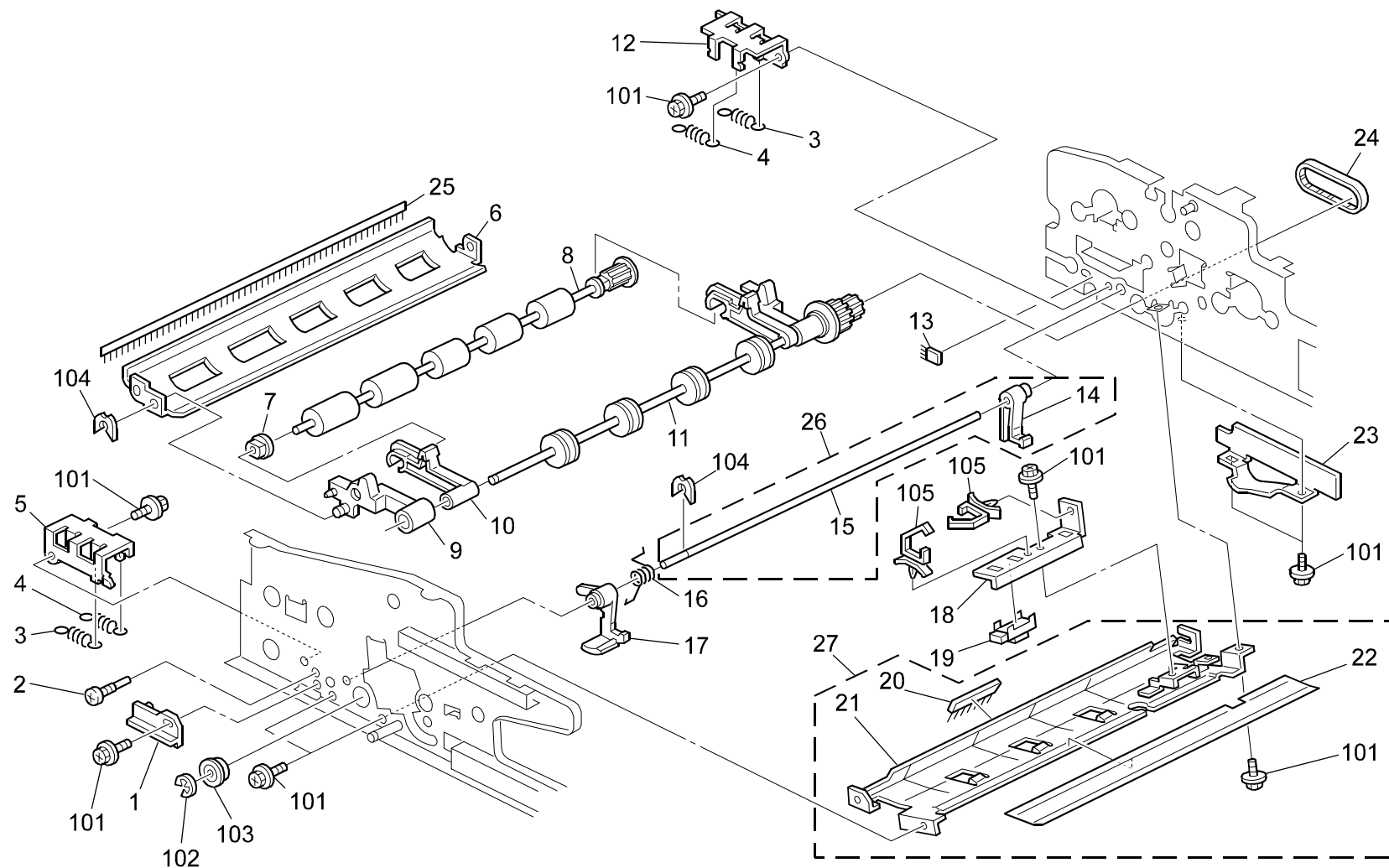


8.DF ORIGINAL TRANSFER 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 2581	Entrance Scanning Guide	1
2	B477 2145	Guide Bracket	1
3	B477 4115	Spring	4
4	B477 2577	Driven Entrance Scanning Roller	2
5	5324 1658	Bushing- 4x8x4.5mm	1
6	A374 2181	Spacer	1
7	B477 2575	Entrance Scanning Roller Shaft	1
8	B477 2574	Roller Arm	4
9	A422 1063	Seal - 0.7x13x20	1
10	B477 2561	Entrance Scanning Base	1
11	AA08 2141	Bushing - 16x18x5	1
12	B477 1775	Paper Feed Cover Bracket	1
13	AA14 3074	Stepped Screw - M4x5	1
14	B477 2111	Pull Out Roller	1
15	B477 2411	Drive Entrance Scanning Roller	1
16	B477 2121	Drive Relay Roller	1
17	AW01 0049	Photo Reflection Sensor	1
18	B477 2665	Registration Sensor Bracket	1
19	A859 3225	Discharge Brush	1
20	B477 2471	Entrance Scanning Guide Plate	1
21	5206 2684	Shoulder Screw - M3	1
22	B477 2143	Lower Anti-static Brush	1
23	B477 2141	Lower Paper Feed Guide	1
24	B477 2151	Separation Cap	1
25	B477 2161	Lower Grounding Plate	1
26	B477 5681	Registration Sensor Relay Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - M3x6	
102	0720 0060E	Retaining Ring - M6	
103	0742 3808	Ball Bearing - 8x16x5	
104	0450 3008N	Tapping Screw - M3x8	
105	0453 3006N	Tapping Screw - M3x6	
106	1105 0514	Edge Saddle - EDS-0607I	

9.DF ORIGINAL TRANSFER 3

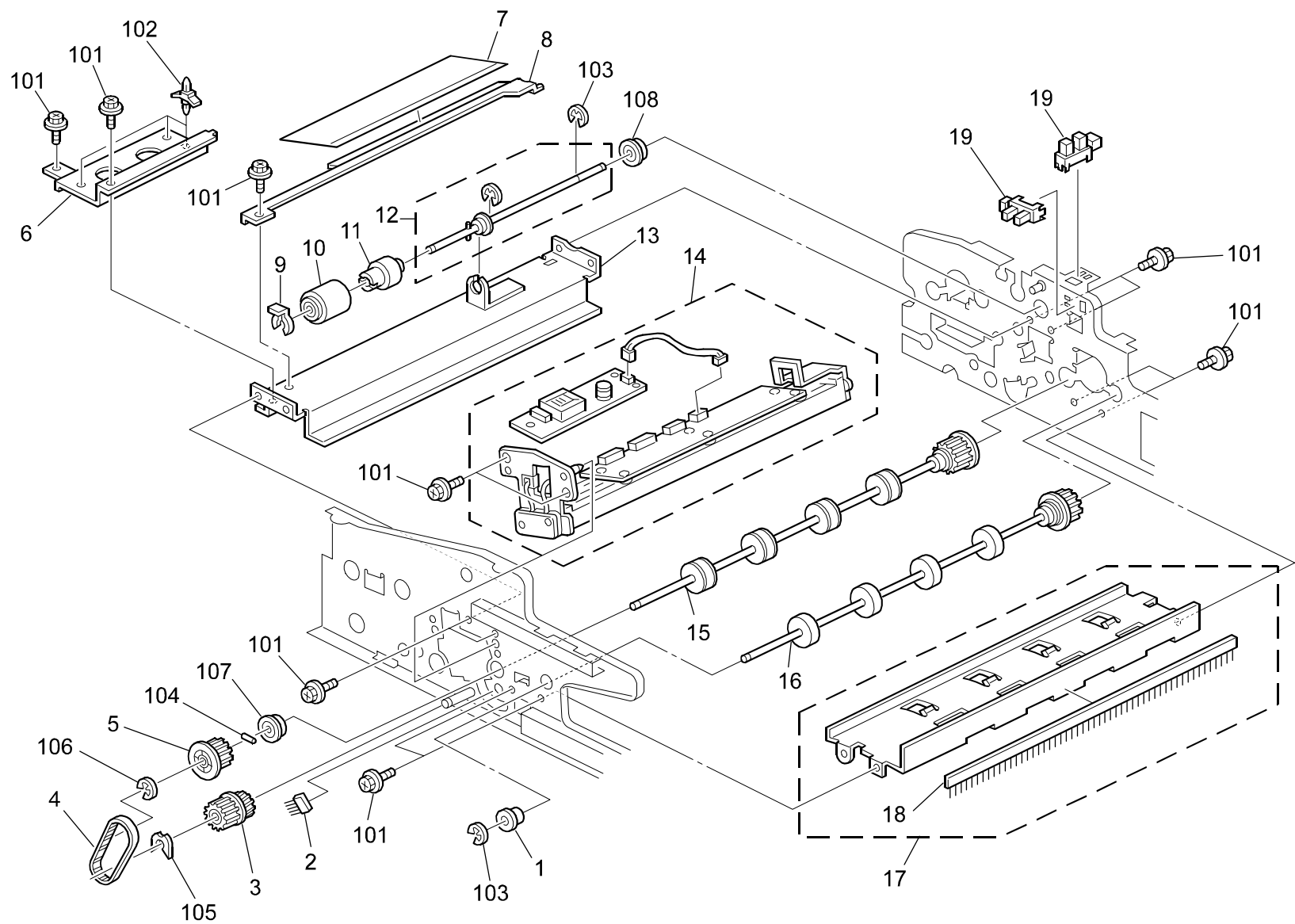


9.DF ORIGINAL TRANSFER 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 1191	Front Left Stopper	1
2	5415 4145	Stud	1
3	B477 4121	Spring	2
4	B477 4123	Spring	2
5	B477 1131	Front Scanning Bracket	1
6	B477 2517	Scanning Guide Plate	1
7	5053 0447	Bushing - 6mm	1
8	B477 2511	Scanning Roller	1
9	B477 2431	Front Scanning Arm	1
10	B477 2425	Front Scanning Roller Arm	1
11	B477 2421	Drive Scanning Roller	1
12	B477 1141	Rear Scanning Bracket	1
13	A697 2131	Antistatic Brush	1
14	B477 2453	Rear Lock Hook - CIS	1
15	B477 2452	Lever Shaft - Misfeed Removal	1
16	B477 4125	Spring	1
17	B477 2455	Front Lock Hook - CIS	1
18	B477 2495	Paper Feed Sensor Bracket	1
19	AW01 0049	Photo Reflection Sensor	1
20	B477 2491	Anti-static Brush	1
21	B477 2481	Entrance Scanning Guide	1
22	B477 2487	Upper Exit Scanning Sheet	1
23	B477 2521	Scanning Roller Cover	1
24	B477 3817	Timing Belt	1
25	B477 2516	Discharge Brush	1
26	B477 2451	Rear Lever Shaft - Misfeed Removal	1
27	B477 2480	Upper Exit Scanning Guide Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - M3x6	
102	0720 0060E	Retaining Ring - M6	
103	0742 3808	Ball Bearing - 8x16x5	
104	0805 0089	Retaining Ring - M4	
105	1105 0511	Harness Clamp - LWS-0306ZC	

10.DF ORIGINAL TRANSFER 4

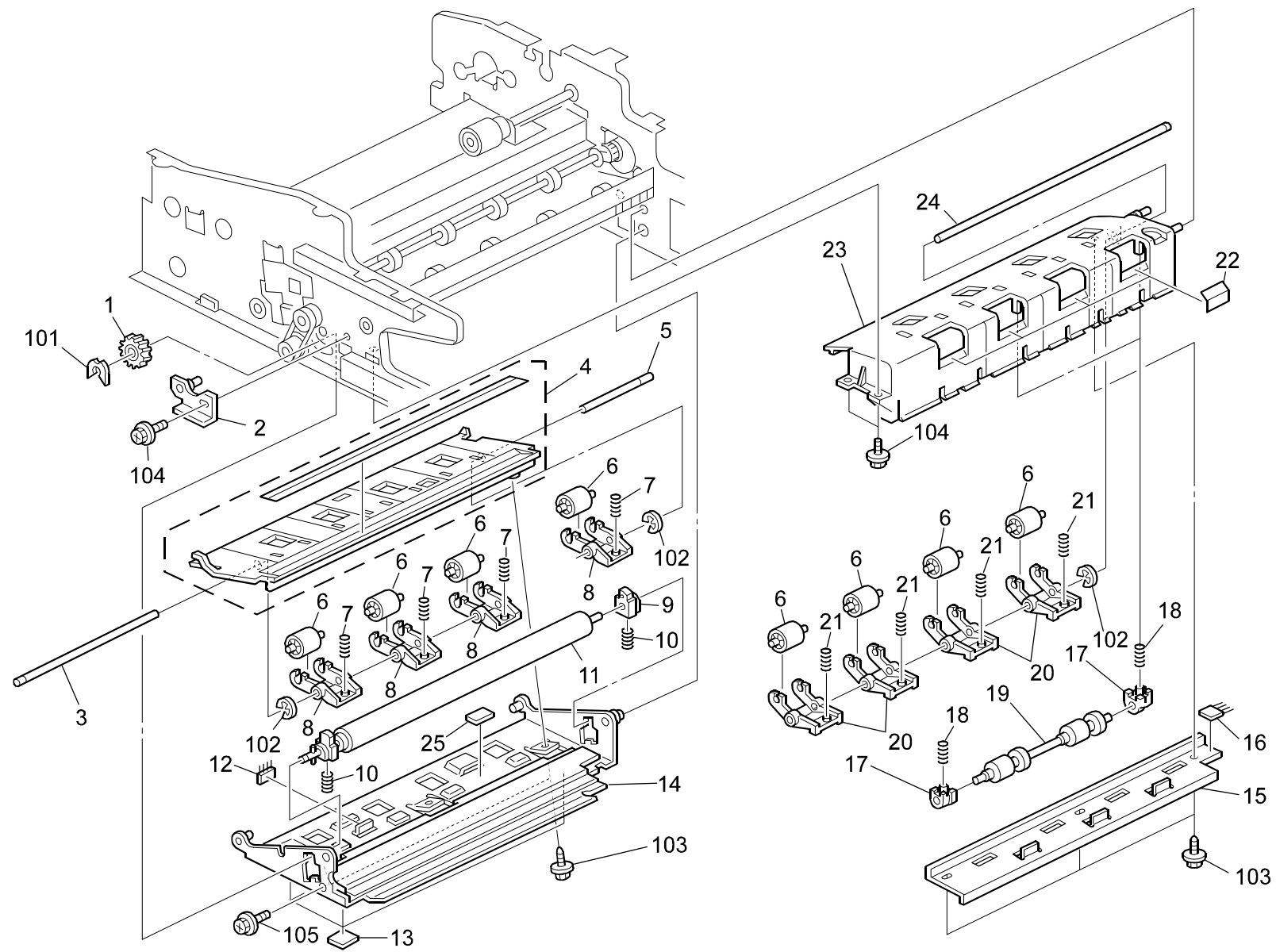


10.DF ORIGINAL TRANSFER 4

Index No.	Part No.	Description	Q'ty Per Assembly
1	A422 1078	Bushing - 6x12x4mm	1
2	B477 2621	Anti-static Brush	1
3	B477 3245	Pulley	1
4	B477 3819	Timing Belt	1
5	B477 3243	Pulley	1
6	B477 3933	Cis Inverter Bracket	1
7	B477 2683	CIS Sheet	1
8	B477 2682	CIS Sheet Bracket	1
9	5447 2681	Snap Ring	1
10	A859 2241	Reverse Roller	1
11	A294 6700	Torque Limiter - 53mnm	1
12	B477 3131	Reverse Roller Shaft	1
13	B477 2131	Inverter Roller Stay	1
14	B477 5840	Contact Image Sensor	1
15	B477 2441	Exit Cis Roller	1
16	B477 2811	Drive Exit Roller	1
17	B477 2820	Upper Exit Guide Plate	1
18	B351 3835	Discharge Brush - Exit	1
19	AW02 0075	Photointerruptor	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - M3x6	
102	1105 0159	PCB Stud	
103	0720 0040E	Retaining Ring - M4	
104	0632 0120G	Parallel Pin - 2x12	
105	0805 0089	Retaining Ring - M4	
106	0720 0060E	Retaining Ring - M6	
107	0742 3808	Ball Bearing - 8x16x5	
108	0741 3706	Ball Bearing - 6x10x3	

11.DF ORIGINAL EXIT

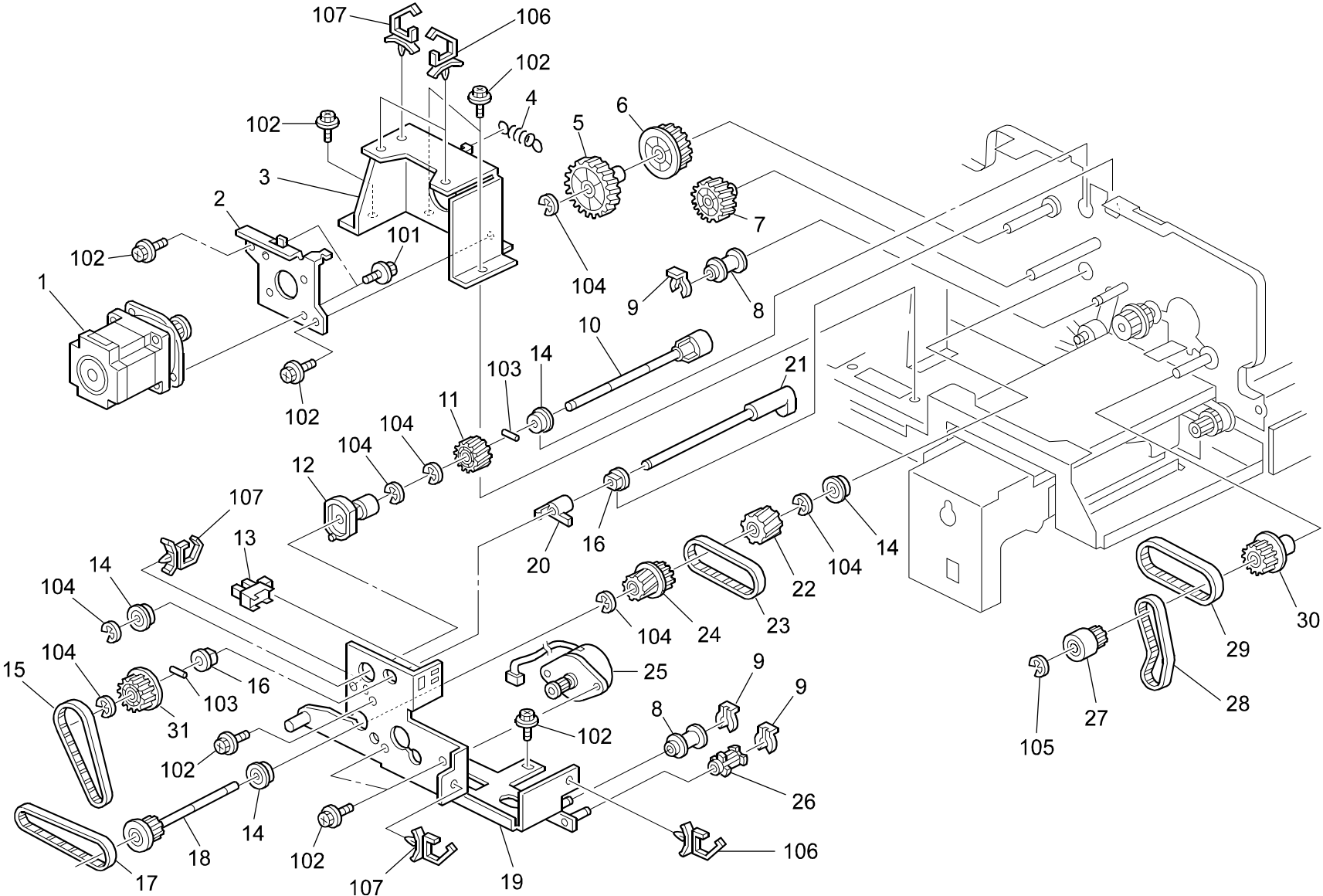


11.DF ORIGINAL EXIT

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 3241	Gear - 21Z	1
2	B477 2661	Back Scanning Positioning Pin	1
3	B477 2641	Long Arm Shaft	1
4	B477 2631	Lower Exit Guide Plate	1
5	B477 2645	Short Arm Shaft	1
6	B477 2636	Driven Exit Scanning Roller	8
7	B477 4127	Exit Arm Spring	4
8	B477 2637	Driven Exit Arm	4
9	B477 2653	Bushing - 6mm	1
10	B477 4129	Spring - 12n	2
11	B477 2651	Back Scanning Roller	1
12	B477 2621	Anti-static Brush	1
13	B477 2715	Pressure Plate Tape	4
14	B477 2611	Lower Exit	1
15	B477 2881	Guide Plate Bracket	1
16	A697 2131	Antistatic Brush	1
17	A859 4836	Bushing- Exit Driven Roller	4
18	B477 4131	Spring	4
19	B477 2861	Driven Exit Roller	2
20	B477 2872	Exit Arm	4
21	B477 4132	Spring	4
22	B477 2851	Lower Exit Guide Plate Sheet	4
23	B477 2841	Lower Exit Guide	1
24	B477 2875	Exit Shaft	1
25	A422 1063	Seal - 0.7x13x20	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 0089	Retaining Ring - M4	
102	0720 0030E	Retaining Ring - M3	
103	0450 3008N	Tapping Screw - M3x8	
104	0451 3006N	Tapping Screw - M3x6	
105	0802 5276	Tapping Screw With Washer - M3x6	

12.DF DRIVE/ELECTRICAL 1

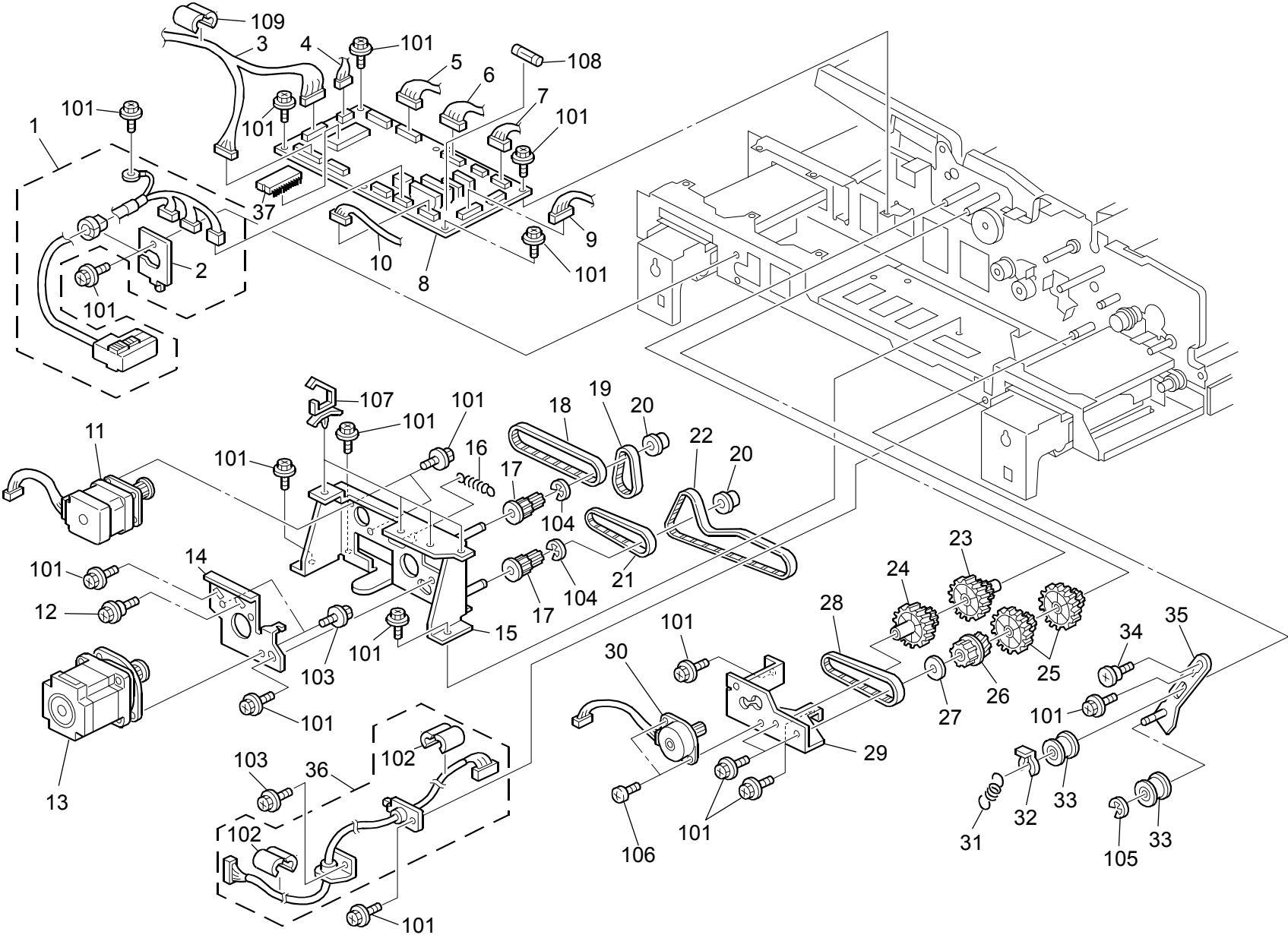


12.DF DRIVE/ELECTRICAL 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 3711	Paper Feed Motor	1
2	B477 3115	Paper Feed Motor Stay	1
3	B477 3111	Paper Feed Motor Bracket	1
4	AA06 0842	Tension Spring	1
5	B477 3163	Gear - 50Z	1
6	B477 3161	Gear - 37Z	1
7	B477 3151	Gear - 31Z	1
8	A548 2139	Pulley	2
9	5447 2681	Snap Ring	3
10	B477 3121	Separation Roller Shaft	1
11	B477 3123	Gear - 24Z	1
12	A806 2244	Separation Shaft Stopper	1
13	AW02 0075	Photointerruptor	1
14	A859 2230	Ball Bearing - 6x13x5	4
15	B477 3820	Timing Belt	1
16	5053 0447	Bushing - 6mm	2
17	B477 3811	Timing Belt	1
18	B477 3145	Pulley	1
19	B477 3181	Paper Feed Drive Bracket	1
20	A680 2262	Feeler - Pick-up Roller Cam	1
21	B477 3251	Pick-up Roller Cam	1
22	B477 3141	Gear - 23Z	1
23	B477 3812	Timing Belt	1
24	B477 3143	Gear - 20Z	1
25	AX04 0096	Stepping Motor - DC 18W	1
26	B477 3177	Pulley	1
27	B477 3173	Pulley	1
28	B477 3821	Timing Belt	1
29	B477 3813	Timing Belt	1
30	B477 3171	Pulley	1
31	B301 2141	Pulley - 39Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - 4x6	
102	0451 3006N	Tapping Screw - M3x6	
103	0632 0120G	Parallel Pin - 2x12	
104	0720 0040E	Retaining Ring - M4	
105	0720 0060E	Retaining Ring - M6	
106	1105 0310	Harness Clamp - LWS-1S	
107	1105 0511	Harness Clamp - LWS-0306ZC	

13.DF DRIVE/ELECTRICAL 2

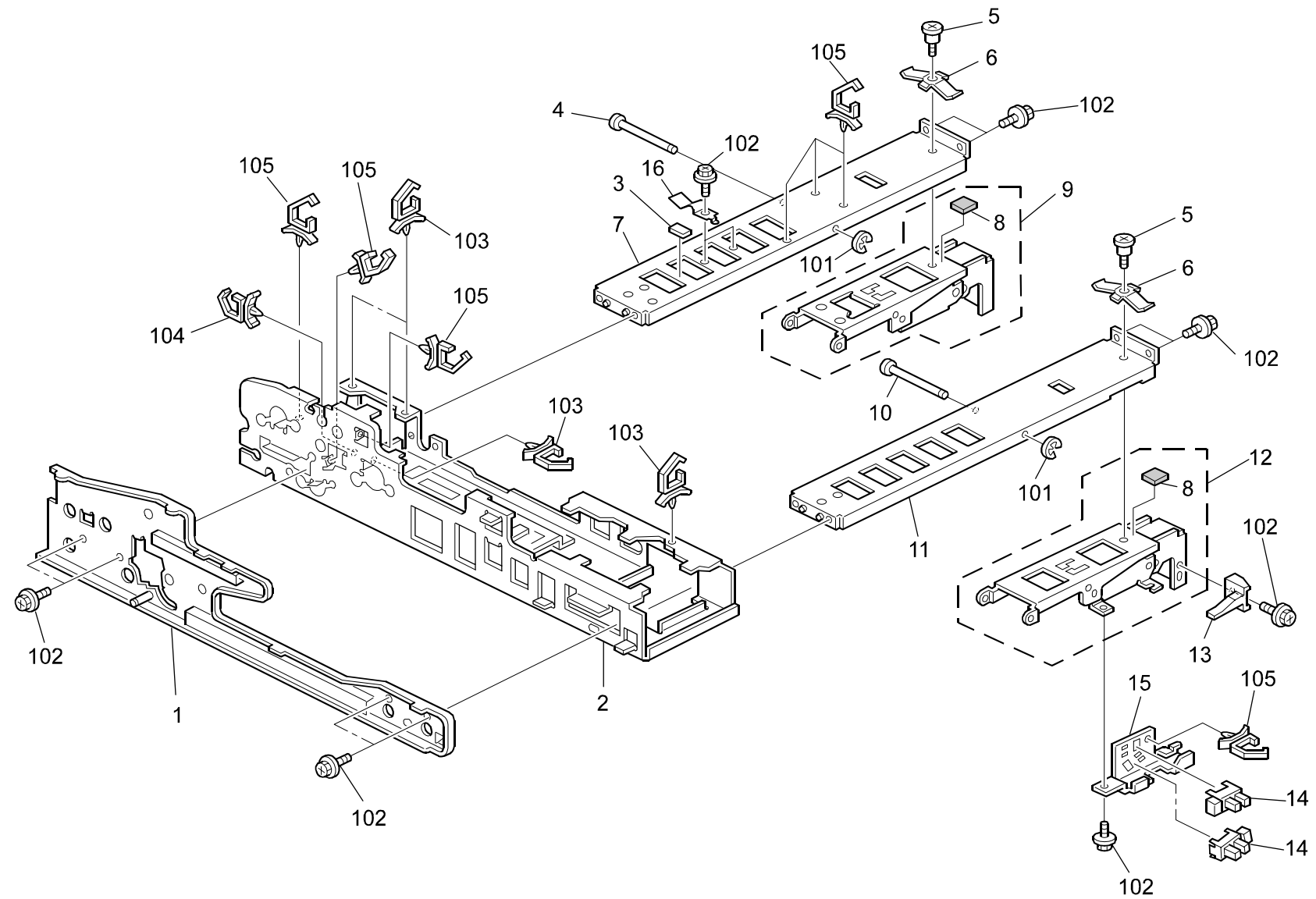


13.DF DRIVE/ELECTRICAL 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 5751	Interface Harness	1
2	A680 1171	Harness Holder	1
3	B477 5601	Registration Sensor Harness	1
4	B477 5611	Detection Sensor Harness	1
5	B477 5621	Original Sensor Harness	1
6	B477 5731	ADF-CIS Harness	1
7	B477 5711	Pick-up Motor Harness	1
8	B477 5581	ADF Main Control Board Ass'y	1
9	B477 5691	Paper Feed Motor Harness	1
10	B477 5721	CIS Harness	1
11	B477 3731	Exit Motor	1
12	A697 1125	Stepped Screw - Lever	1
13	B477 3721	Scanning Motor	1
14	B477 3215	Scanning Motor Stay	1
15	B477 3211	Scanning Motor Bracket	1
16	AA06 0846	Tension Spring	1
17	B477 3217	Pulley	2
18	B477 3815	Timing Belt	1
19	B477 3818	Timing Belt	1
20	5936 2321	Rubber Bushing - Vibration Damper	2
21	B477 3814	Timing Belt	1
22	B477 3816	Timing Belt	1
23	A806 2285	Gear - Z20/Z47	1
24	A806 2287	Gear - Z20/Z47	1
25	A806 2283	Gear - Z20/Z47	2
26	A806 2161	Timing Pulley - T30/Z20 S2M/M0.8	1
27	AA13 2152	Spacer - 8x20x1	1
28	A806 4117	Timing Belt - B40S2M158	1
29	B477 2332	Motor Bracket	1
30	A806 2911	Stepper Motor Ass'y - DC 13W	1
31	B477 4141	Spring - 12.6n	1
32	5215 2621	Snap Ring - M6	1
33	B477 3175	Pulley	2
34	5419 5714	Stepped Screw - M4	1
35	B477 3231	Tighter	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	B477 5761	CIS Harness	1
37	B477 5515	Main ROM	1
101	0451 3006N	Tapping Screw - M3x6	
102	1607 0623	Ferrite Core - TFC-16-8-13	
103	0451 4006N	Tapping Screw - 4x6	
104	0720 0040E	Retaining Ring - M4	
105	0720 0060E	Retaining Ring - M6	
106	0353 0050N	Philips Truss Head Screw - M3x5	
107	1105 0310	Harness Clamp - LWS-1S	
108	1107 0884	Fuse - 5A 250V	
109	1607 0622	Ferrite Core TFC16816	

14.DF FRAME SECTION

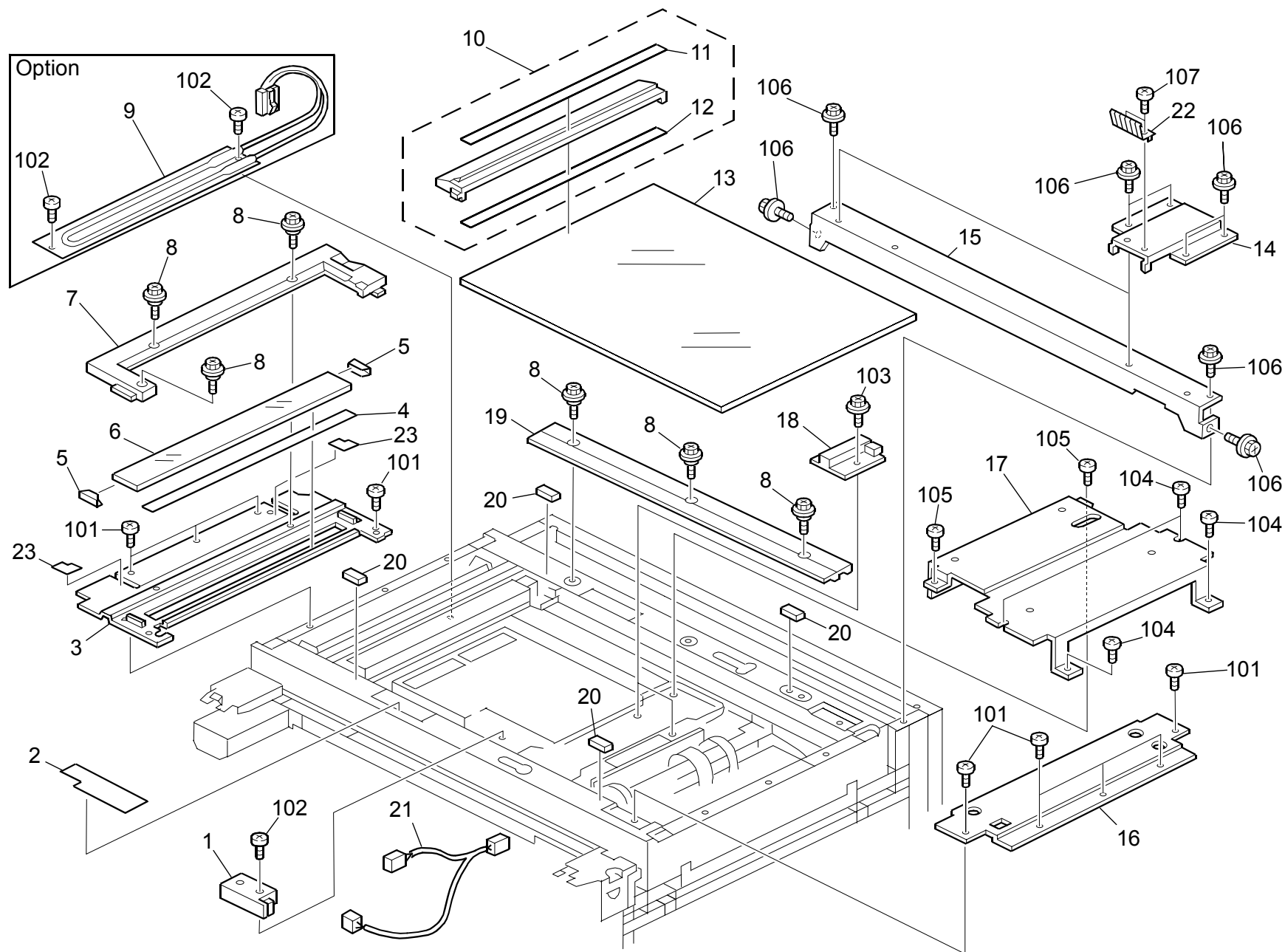


14.DF FRAME SECTION

Index No.	Part No.	Description	Q'ty Per Assembly
1	B477 1111	Front Side Plate	1
2	B477 1121	Rear Side Plate	1
3	B477 2333	Motor Bracket Cushion	1
4	B477 1171	Arm Shaft	1
5	AA14 3039	Spring Holder	2
6	B301 1136	Spring Plate - 0.4mm	2
7	B477 1152	Stay:Frame:Left	1
8	A351 4281	Anti-vibration Cushion	2
9	B477 1550	Hinge:Left:Ass'y	1
10	A806 1135	Contact Point Shaft	1
11	B477 1161	Right Frame Stay	1
12	B477 1520	Right Hinge	1
13	B477 1185	Sensor Feeler	1
14	AW02 0075	Photointerruptor	2
15	B477 1181	Sensor Bracket	1
16	B477 4921	Clamp	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0030E	Retaining Ring - M3	
102	0451 3006N	Tapping Screw - M3x6	
103	1105 0310	Harness Clamp - LWS-1S	
104	1105 0290	Harness Clamp - HORIZONTAL	
105	1105 0511	Harness Clamp - LWS-0306ZC	

15.OPTICS SECTION 1

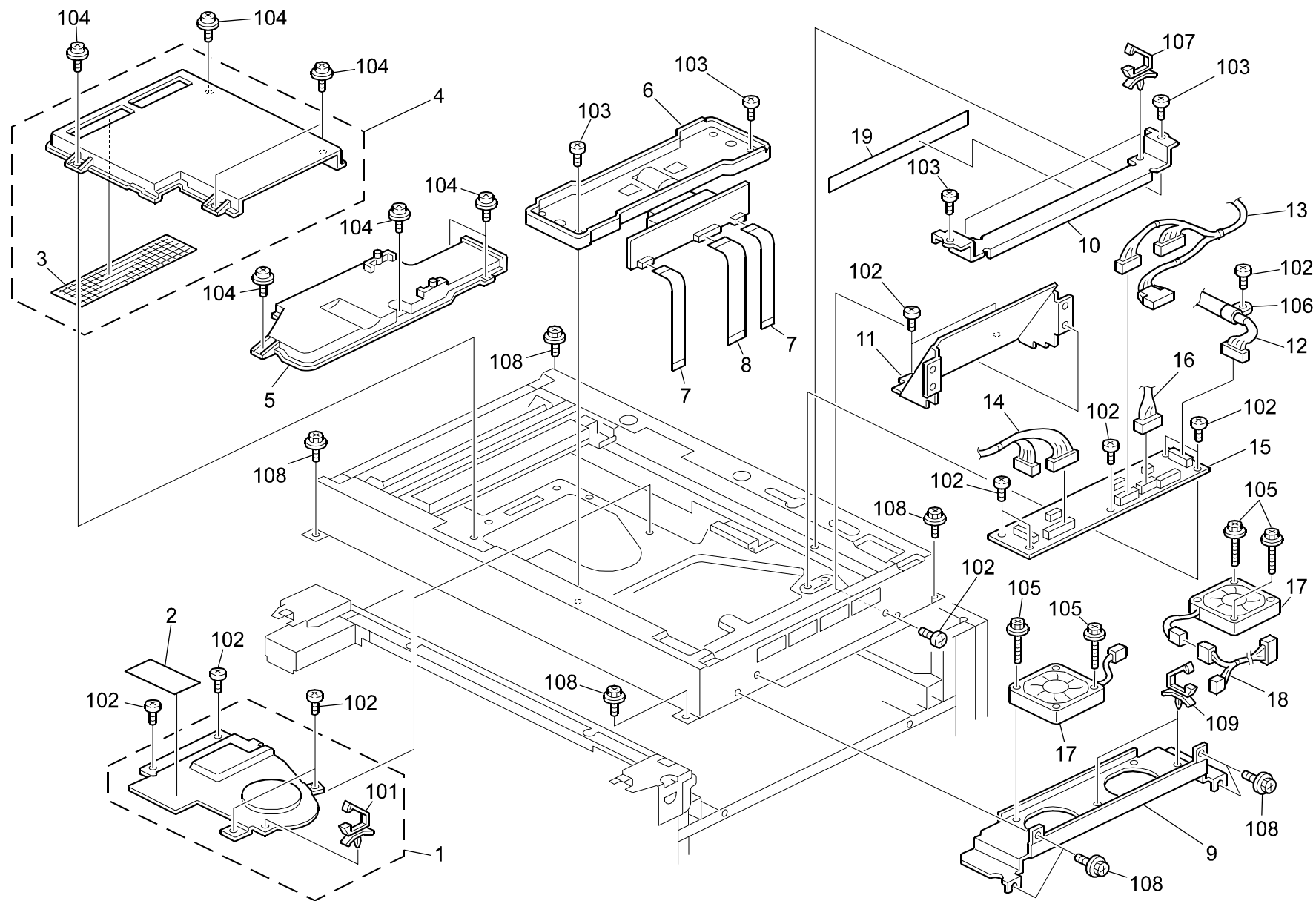


15.OPTICS SECTION 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	AW01 0034	Original Width Sensor	1
2	AA15 0704	Seal - 90x29.5x0.2	1
3	B065 1787	Scale Bracket	1
4	B065 1782	Seal	1
5	B065 1784	Ground Plate	2
6	BC01 2003	Sheet Through Exposure Glass	1
7	B065 1772	Left Scale	1
8	AA14 3520	Shoulder Screw - M3	6
9	AX40 0063	Anticondensation Heater - 120V 9W	1
9	AX40 0064	Anticondensation Heater - 230V 9W	1
10	B065 1775	Sheet Through Scale (LT)	1
10	B065 1776	Sheet Through Scale (A4)	1
11	B065 1779	Decal - Scale (LT)	1
11	B065 1778	Decal - Scale (A4)	1
12	A628 3112	Shielding Sheet	1
13	AC01 2067	Exposure Glass	1
14	B065 1093	ADF Bracket	2
15	B065 1070	Upper Front Stay	1
16	B065 1785	Right Stay	1
17	B065 1841	Inner Cover	1
18	AW01 0059	Original Sensor - H=1-66	2
19	B065 1788	Printing Rear Scale	1
20	5442 1924	Exposure Glass Cushion	4
21	B477 5741	Original Connecting Harness	1
22	B065 1843	Grounding Plate	1
23	B065 1773	Scale Bracket Seal	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0040N	Screw - M3X4	
102	0353 0060N	Philips Pan Head Screw - M3x6	
103	0450 3008N	Tapping Screw - M3x8	
104	0353 0080N	Screw - M3X8	
105	0354 0080N	Screw - M4X8	
106	0451 4008N	Philips Tapping Screw - M4x8	
107	0453 3006N	Tapping Screw - M3x6	

16.OPTICS SECTION 2

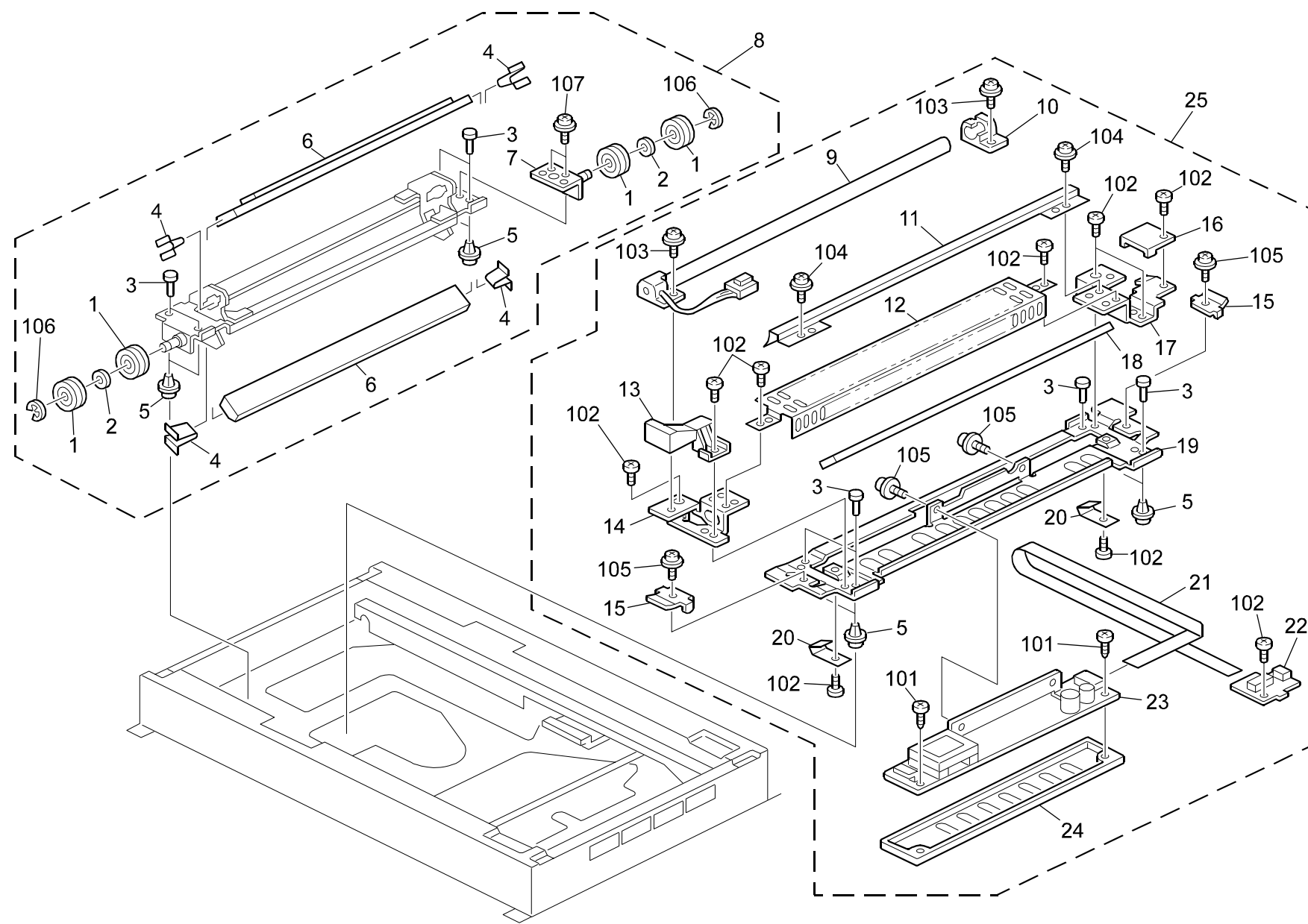


16.OPTICS SECTION 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B140 1691	Cover:Polygon Mirror Motor:Ass'y	1
2	G029 1982	LD - Decal	1
2	AA00 0250	LD - Decal (CHN)	1
3	B065 1798	Filter:Duct:Scanner	1
4	B065 1791	Left Scanner Duct	1
5	B065 1801	Right Scanner Duct	1
6	B065 1721	Image Scanning Board	1
7	B140 5469	Harness - FFC SBU 15WICK/120mm	2
8	B140 5470	Harness - FFC SBU 40WICK/120mm	1
9	B065 1171	Development Fan Bracket	1
10	B065 1833	Harness Bracket	1
11	B065 1698	Development Cooling Duct	1
12	B065 5401	20p Cable - LVDS SBU	1
13	B065 5650	Scanner Unit Harness	1
14	B065 5405	LCDC Harness	1
15	B065 5195	VIB Board	1
16	B065 5501	VIB Power Source Harness	1
17	AX64 0135	Cooling Fan - 24V	2
18	B065 1172	Development Fan Harness	1
19	B065 1834	Insulating Sheet	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0516	Clamp	
102	0353 0060N	Philips Pan Head Screw - M3x6	
103	0354 0080N	Screw - M4X8	
104	0951 3008N	Philips Screw With Flat Washer - M3x8	
105	0451 4020N	Tapping Screw - M4x20	
106	1105 0306	Metal Clamp - Al-4	
107	1105 0516	Clamp	
108	0451 4008N	Philips Tapping Screw - M4x8	
109	1105 0511	Harness Clamp - LWS-0306ZC	

17.OPTICS SECTION 3

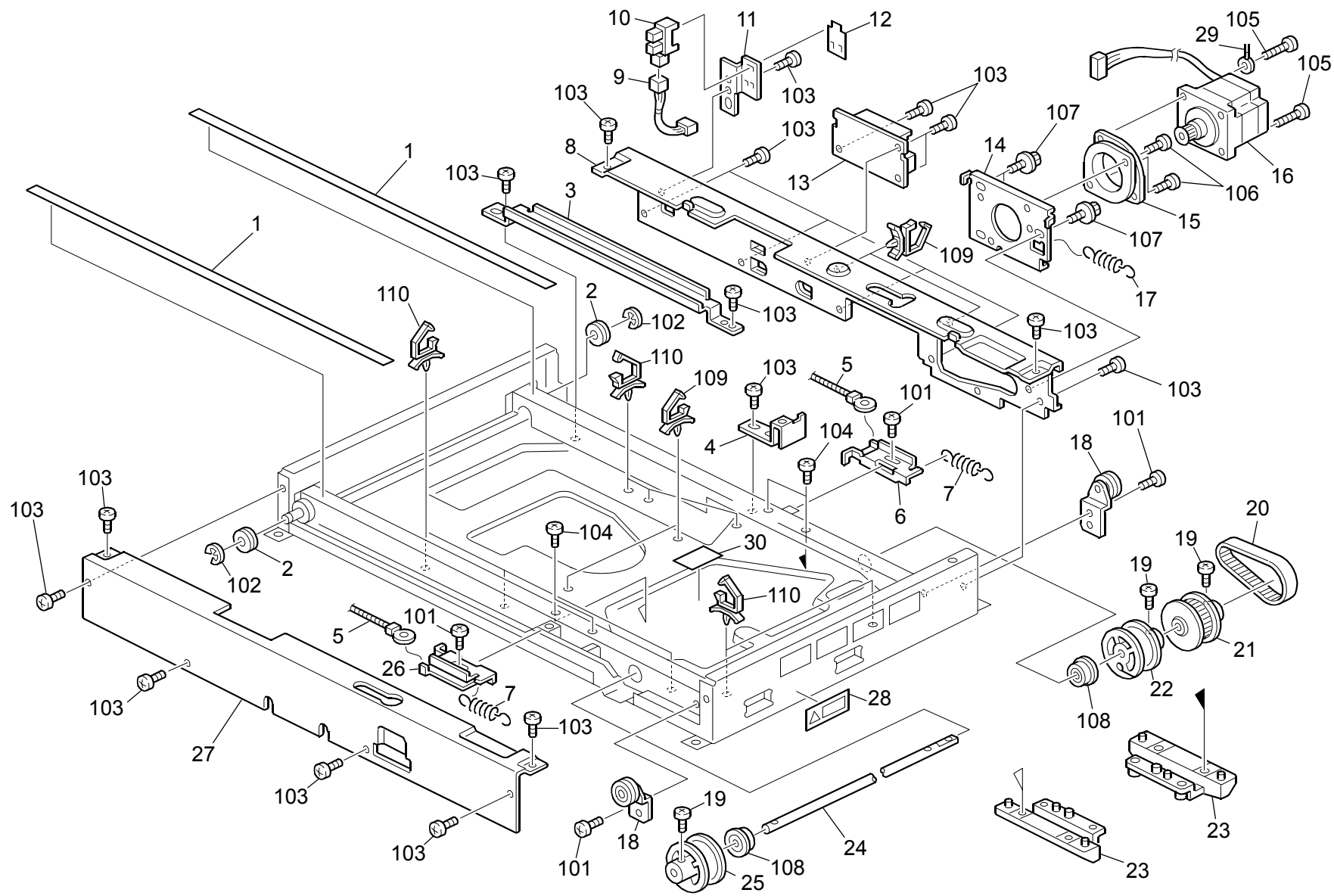


17.OPTICS SECTION 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	AB03 2717	Pulley - 26Z	4
2	AA13 2174	Spacer - M8	2
3	A096 1873	Scanner Shoe Pin	8
4	A293 1766	2nd Mirror Plate	4
5	A069 1883	Shoe - Scanner	8
6	B065 1766	Second Mirror	2
7	B065 1753	Adjusting Plate	1
8	B065 1751	2nd Scanner Unit	1
9	AX50 0081	Exposure Lamp	1
10	A294 1712	Rear Holder - Lamp	1
11	B065 1735	Reflector	1
12	B065 1736	Inverter Cover	1
13	B065 1741	Harness Guide	1
14	B065 1733	1st Scanner Front Side Plate	1
15	B065 1737	Clamp	2
16	B065 1740	Harness Plate	1
17	B065 1734	1st Scanner Rear Side Plate	1
18	B065 1743	1st Mirror	1
19	B065 1732	1st Scanner Frame	1
20	B065 1738	Spring Plate	2
21	B065 5610	1st Scanner Harness (B064/B065)	1
21	B140 5610	Harness - Scanner No.1 (B140/B141/B142/B143/B163/B228)	1
22	B065 5220	Relay Board	1
23	AZ50 0060	Exposure Lamp Inverter	1
24	B065 1742	Insulator	1
25	B065 1731	1st Scanner Unit (B064/B065)	1
25	B140 1731	Carriage No.1 Ass'y (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3006P	Tapping Screw - M3x6	
102	0453 3006N	Tapping Screw - M3x6	
103	0954 4008N	Philips Screw - M4x8	
104	0951 3006N	Philips Screw With Flat Washer - M3x6	
105	0954 3008N	Philips Screw - M3x8	
106	0720 0060E	Retaining Ring - M6	
107	0951 3006	Philips Screw With Flat Washer M3x6	

18.OPTICS SECTION 4

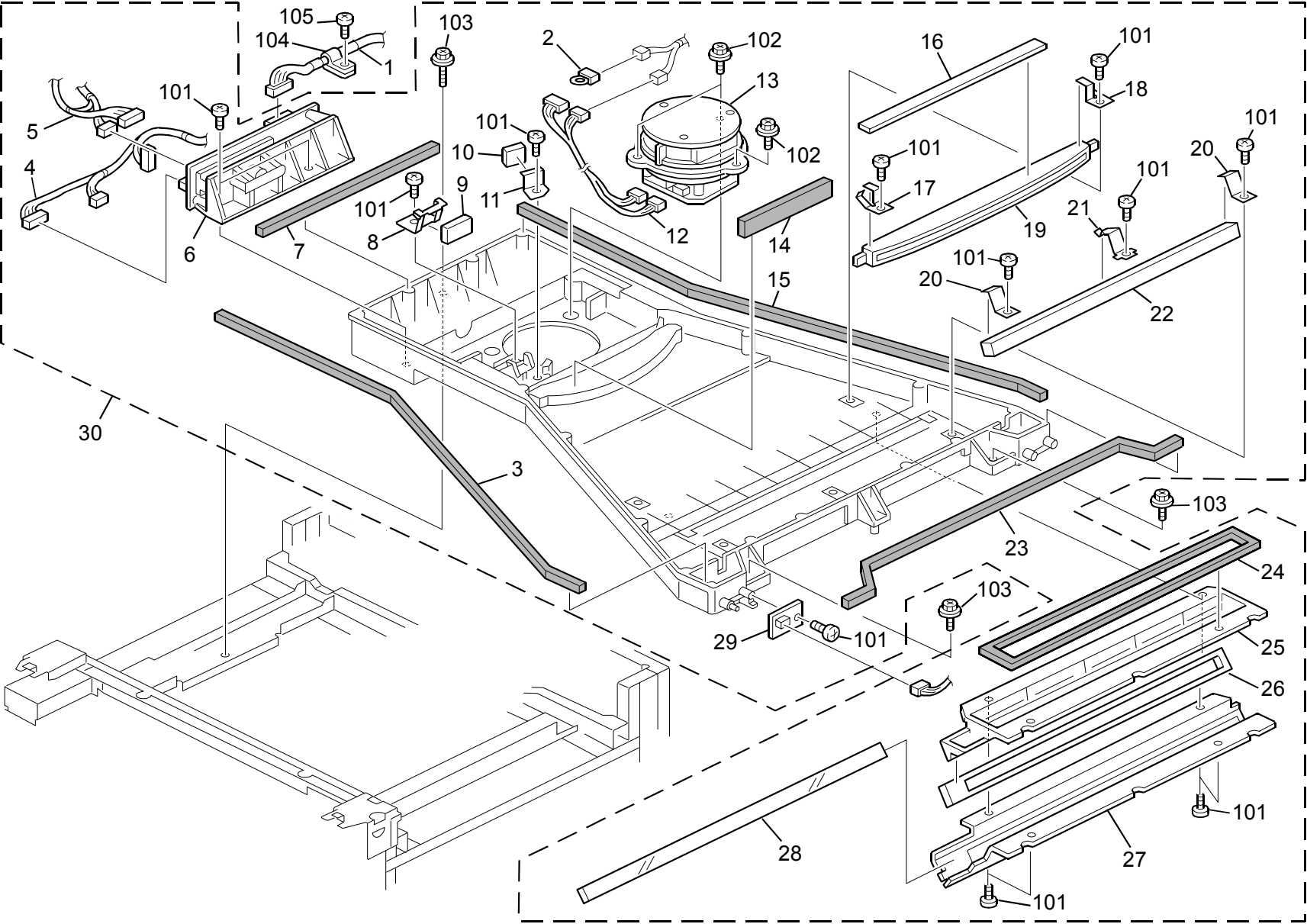


18.OPTICS SECTION 4

Index No.	Part No.	Description	Q'ty Per Assembly
1	A293 1674	Front Slide Rail	2
2	AB03 2717	Pulley - 26Z	2
3	B065 1830	Scanner Board Guide	1
4	B065 1831	Scanner Board Bracket	1
5	B140 1715	Scanner Drive Wire	2
6	B065 1713	Rear Wire Tension Bracket	1
7	AA06 0221	Gripper Solenoid Spring	2
8	B065 1685	Rear Frame	1
9	B065 5454	HP Sensor Relay Harness	1
10	AW02 0056	Photointerruptor - EE-SX4235A-P1	1
11	B065 1825	H.P. Sensor Bracket	1
12	A267 1820	Sheet - Photointerrupter	1
13	B065 5180	SDRD Board	1
14	B065 1706	Bracket - Scanner Motor	1
15	A134 1724	Cushion - Stepper Motor	1
16	B065 1708	Stepper Motor	1
17	AA06 0763	Tension Spring	1
18	B140 1680	Idle Pulley	2
19	B065 1718	Screw - M4X8	3
20	B065 1717	Timing Belt	1
21	AB03 0727	Pulley - 58Z	1
22	AB03 2070	Pulley	1
23	B065 1688	Lens Holder Block	2
24	B065 1711	Drive Shaft	1
25	AB03 2069	Pulley	1
26	B065 1712	Front Wire Tension Bracket	1
27	B065 1682	Front Frame	1
28	AA00 0250	LD - Decal (CHN/TWN)	1
28	G029 1982	LD - Decal	1
29	B065 5471	Grounding Wire	1
30	B140 1837	FFC Insulating Sheet (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0354 0080N	Screw - M4X8	
102	0720 0060E	Retaining Ring - M6	
103	0353 0060N	Philips Pan Head Screw - M3x6	
104	0314 0080N	Philips Pan Head Screw - M4x8	
105	0314 0120N	Philips Pan Head Screw - M4x12	
106	0314 0060N	Philips Pan Head Screw - M4x6	
107	0354 0060N	Screw - M4X6	
108	0805 3368	Ball Bearing - 8x16x5mm	
109	1105 0487	Harness Clamp	
110	1105 0489	Harness Clamp - LWS 1316	

19.LASER UNIT

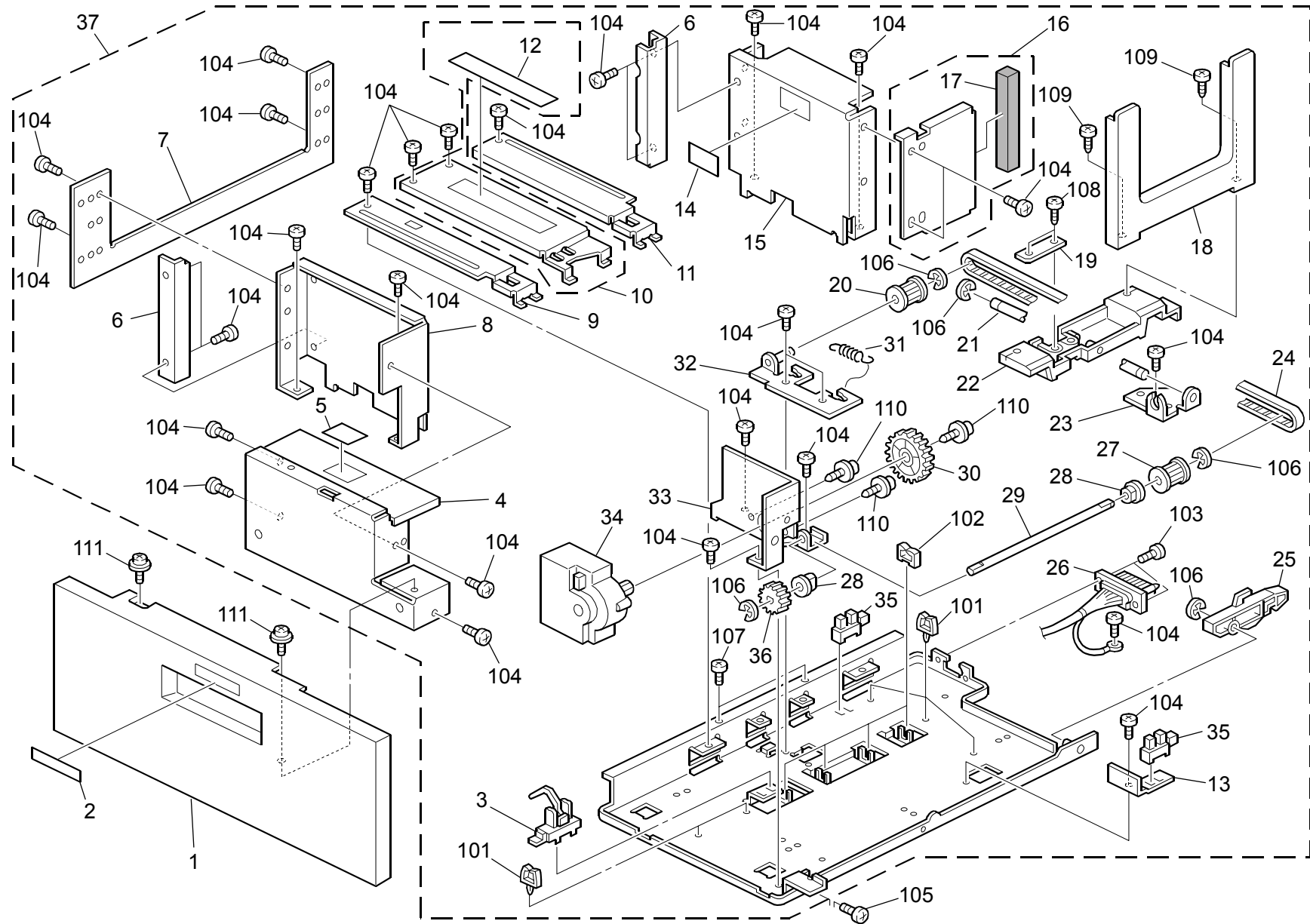


19.LASER UNIT

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 5403	12P Cable - LVDS LIDB	1
2	B065 5489	Harness (B065/B141/B143)	1
2	B140 5491	Harness:60 (B140/B142)	1
3	B065 1951	Seal - 2	1
4	B065 5477	LD Relay Harness	1
5	B065 5437	LD Control Harness	1
6	B065 1859	LD Unit	1
7	B065 1950	Seal - 1	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 0277	Polygon Mirror Motor Ass'y	1
14	B065 1955	Seal - Lens L1	1
15	B065 1952	Seal - 3	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	Lens L2	1
20	B065 1930	2nd Mirror Holder	2
21	B065 1932	Middle Mirror Holder	1
22	AC03 0148	2nd Mirror	1
23	B065 1953	Seal - 4	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 1940	Shield Glass Rail	1
28	AC01 5037	Shield Glass	1
29	B140 5301	PCB:Sync Detector	1
30	B140 1852	Imaging Unit:Ass'y	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	Philips Pan Head Screw - M3x6	

20.TANDEM TRAY 1

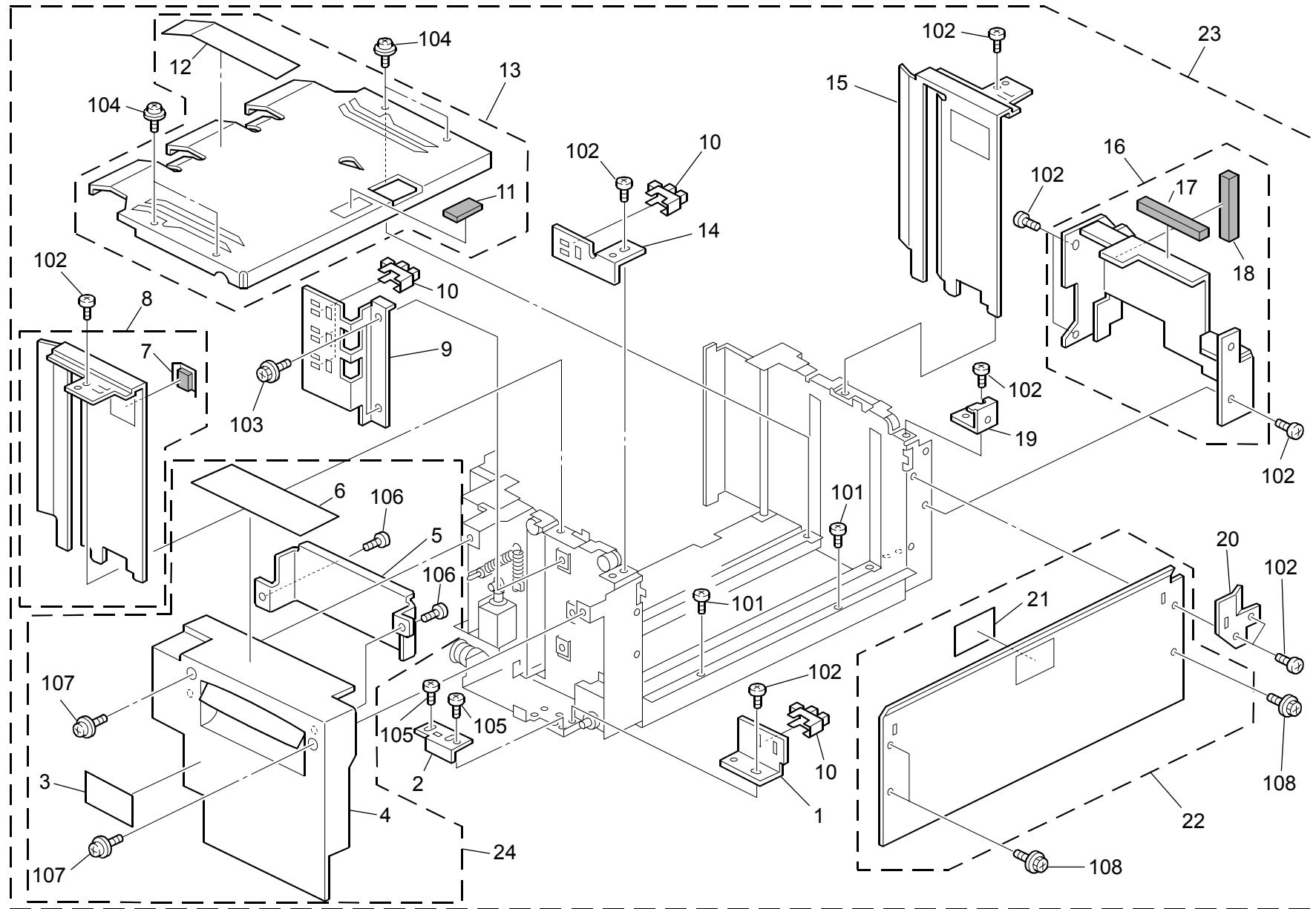


20.TANDEM TRAY 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6630	Tandem Cover	1
2	B065 6635	Decal - Paper Tray 1	1
3	AW02 0008	Photointerruptor	1
4	A248 6646	Cover Bracket (B064/B065)	1
4	B098 6646	Bracket:Cover:Tandem LCT (B140 Series)	1
5	B065 6846	Decal - Paper Set - Left	1
6	A293 6647	Support Bracket - End Fence (B064/B065)	2
6	B098 6647	End Fence:Auxiliary (B140 Series)	2
7	A248 6645	Side Plate - Left (B064/B065)	1
7	B098 6645	Side Plate:Tandem LCT:Left Sideways (B140 Series)	1
8	A293 6643	Side Fence - Left Front (B064/B065)	1
8	B098 6643	Side Fence:Tandem LCT:Left Front (B140 Series)	1
9	A293 6640	Tray Bottom Plate - Left Front (B064/B065)	1
9	B098 6640	Tray Bottom Plate:Left Front (B140 Series)	1
10	A248 6639	Tray Bottom Plate - Left Middle (B064/B065)	1
10	B065 6833	Tray Bottom Plate -Left Middle (KOR/CHN/TWN)	1
10	B098 6639	Tray Bottom Plate:Left Middle:Ass'y (B140 Series)	1
11	A293 6642	Tray Bottom Plate - Left Rear (B064/B065)	1
11	B098 6642	Tray Bottom Plate:Left Rear (B140 Series)	1
12	A096 6678	Decal - Left Paper Set	1
12	B065 6879	Decal - Left Paper Set (KOR/CHN/TWN)	1
13	B065 6831	Sensor Bracket	1
14	AA00 2010	Decal - Paper Level	1
15	A293 6644	Side Fence - Left Rear (B064/B065)	1
15	B098 6644	Side Fence:Tandem LCT:Left Rear (B140 Series)	1
16	A293 6646	Rear Cover - Tandem LCT (B064/B065)	1
16	B098 6649	Cover:Rear:Tandem LCT:Ass'y (B140 Series)	1
17	A293 6649	Rear Cover Cushion - Tandem LCT	1
18	A248 6624	Left Back Fence	1
19	B065 6823	Timing Belt Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
20	AB03 3085	Timing Pulley - 15T	1
21	AA14 0685	Shaft - Back Fence Slider	1
22	A248 6623	Slider - Left Back Fence	1
23	B065 6830	Pulley Bracket	1
24	AA04 3271	Timing Belt S3M196T	1
25	A248 6615	Coupling Lever - Left	1
26	A247 5428	DC Harness - Left	1
27	AB03 3084	Timing Pulley - 15T	1
28	5053 0447	Bushing - 6mm	2
29	AA14 0686	Shaft - Timing Pulley	1
30	AB01 9475	Gear - 48T	1
31	AA06 0759	Tension Spring	1
32	B065 6821	Pulley Bracket	1
33	B070 6666	Left DC Motor Bracket	1
34	AX04 0107	DC Motor - 19.2W	1
35	AW02 0056	Photointerruptor - EE-SX4235A-P1	2
36	AB01 3798	Gear - Z18	1
37	B065 6614	Left Tandem Tray Ass'y (B064/B065)	1
37	B140 6615	Tandem LCT:Left:Letter:Ass'y (B140 Series)	1
37	B140 6603	Left Tandem LCT Ass'y (A4) (B140 Series)	1
101	1105 0230	Clamp	
102	1105 0328	Harness Clamp - ES-0505	
103	0313 0080N	Philips Pan Head Screw - M3x8	
104	0434 0060N	Pan Head Self-tapping Screw - M4x6	
105	0314 0060N	Philips Pan Head Screw - M4x6	
106	0720 0040E	Retaining Ring - M4	
107	0801 0146	Screw - M4X4	
108	0452 4008N	Binding Self Tapping Screw - M4x8	
109	0452 4010N	Tapping Bind Screw - M4x10	
110	0965 3008P	Tapping Screw With Flat Washer - M3x8	
111	0951 4008N	Philips Screw With Washer - M4x8	

21.TANDEM TRAY 2

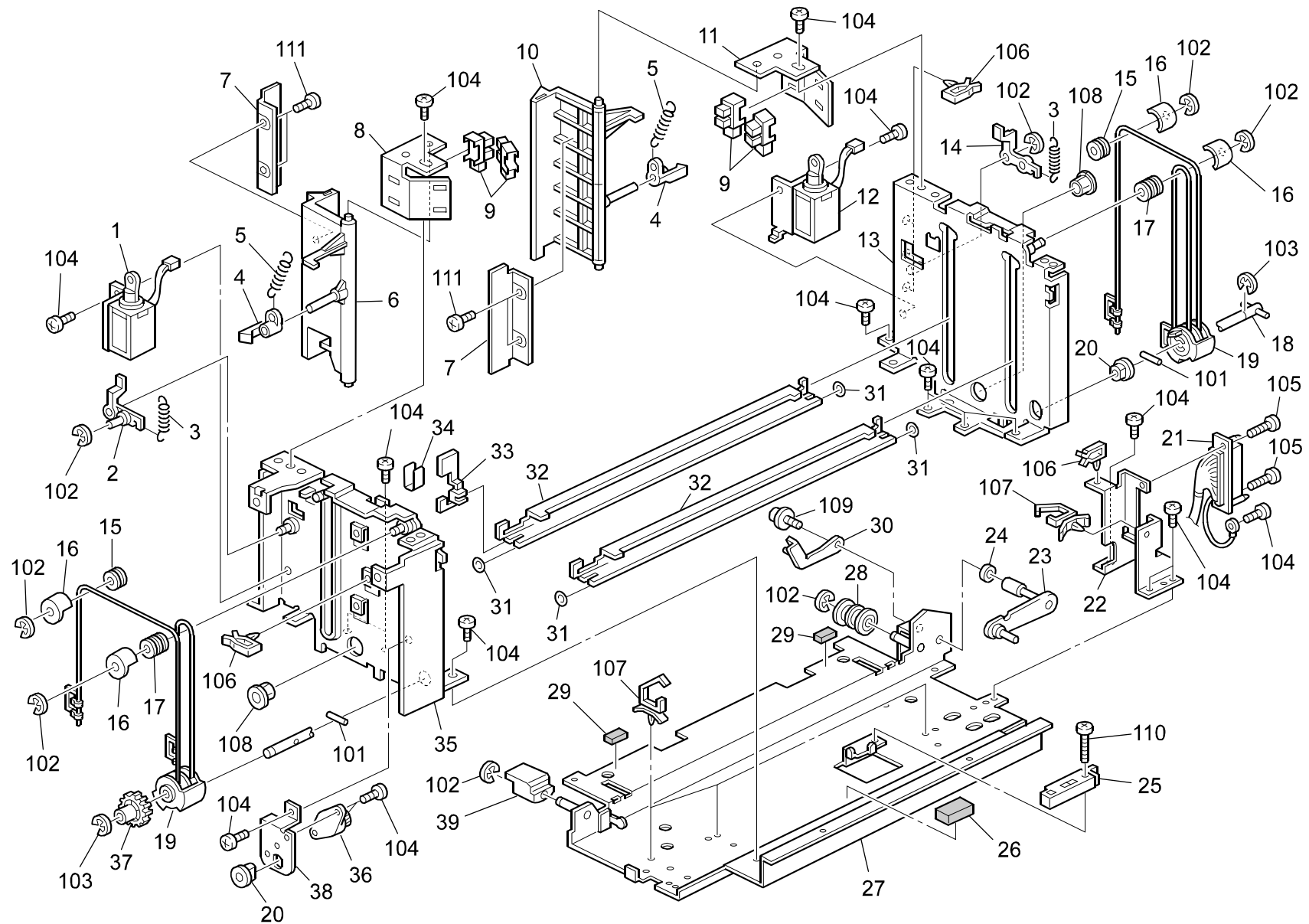


21.TANDEM TRAY 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6873	Sensor Bracket	1
2	B065 6859	Right Stopper	1
3	AA00 2246	Decal - Caution	1
4	A248 6745	Inner Cover - Tandem LCT	1
5	B065 6875	Protection - Inner Cover	1
6	B065 6877	Decal - Paper Set - Right	1
7	A096 6671	Paper Guide Plate	1
8	A293 6736	Side Fence - Right Front (B064/B065)	1
8	B098 6736	Side Fence:Tandem LCT:Right Front (B140/B141/B142/B143/B163/B228)	1
9	B065 6706	Paper Volume Sensor Bracket	1
10	AW02 0120	Photointerruptor - Flat	5
11	5201 2858	Friction Pad	1
12	A096 6677	Decal - Right Paper Set	1
12	B065 6878	Decal - Right Paper Set (KOR/CHN/TWN)	1
13	A294 6670	Base - Right Tandem Tray (B064/B065)	1
13	B098 6670	Base:Tandem LCT:Right:Ass'y (B140/B141/B142/B143/B163/B228)	1
13	B065 6885	Base - Right Tandem Tray (KOR/CHN/TWN)	1
14	B065 6874	Bracket - Paper Volume sensor	1
15	A248 6738	Side Fence - Right Rear (B064/B065)	1
15	B098 6738	Side Fence:Tandem LCT:Right Rear (B140/B141/B142/B143/B163/B228)	1
16	A293 6739	Inner Cover - Right Rear (B064/B065)	1
16	B098 6739	Supporting Plate:Tandem:Right Rear (B140/B141/B142/B143/B163/B228)	1
17	AA15 3063	Seal - 4x10x70	1
18	AA15 3138	Inner Cover Cushion - Right Rear	1
19	A176 6695	Misfeed Removal Guide	1
20	B065 6672	Tandem Connecting Guide	1
21	AA00 2010	Decal - Paper Level	1
22	A248 6666	Side Plate	1
23	B065 6605	Right Tandem Tray Ass'y (B064/B065)	1
23	B140 6606	Tandem LCT:Right:Letter:Ass'y (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
23	B140 6605	Right Tandem LCT Ass'y (A4) (B140/B141/B142/B143/B163/B228)	1
24	B065 6814	Inner Cover:Tandem LCT:Ass'y (B140/B141/B142/B143/B163/B228)	1
101	0801 0146	Screw - M4X4	
102	0434 0060N	Pan Head Self-tapping Screw - M4x6	
103	0451 4008N	Philips Tapping Screw - M4x8	
104	0951 4006N	Philips Screw With Washer - M4x6	
105	0314 0060N	Philips Pan Head Screw - M4x6	
106	0452 4008N	Binding Self Tapping Screw - M4x8	
107	0951 4008N	Philips Screw With Washer - M4x8	
108	0453 4008N	Tapping Bind Screw - M4x8	

22.TANDEM TRAY 3

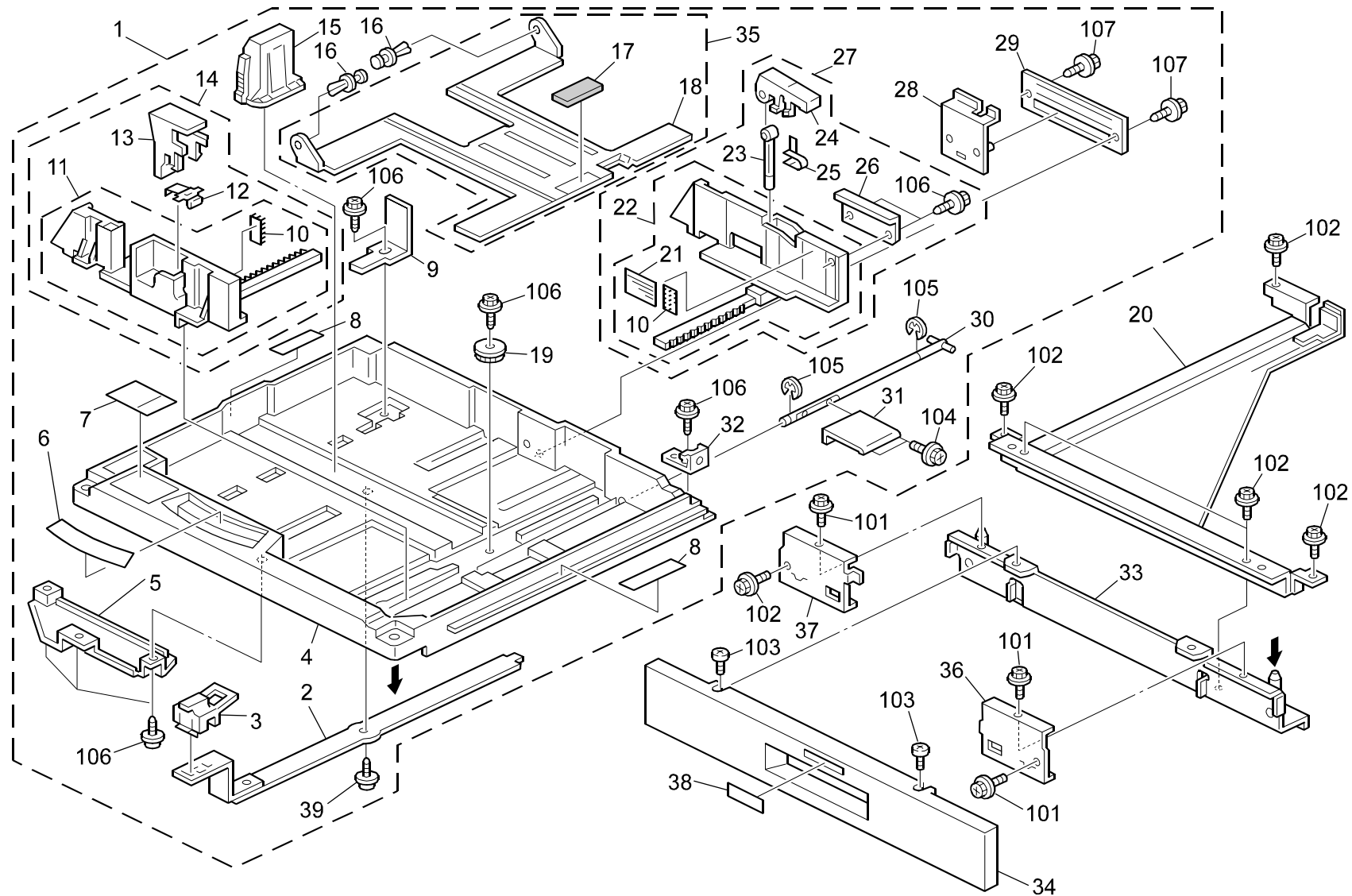


22.TANDEM TRAY 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	A248 6714	DC Solenoid - Front End Fence	1
2	B070 6683	Lever:Release:Front	1
3	AA06 0758	Tension Spring - Short	2
4	A248 6713	Hook - Tension Spring	2
5	AA06 0757	Tension Spring - Long	2
6	A293 6713	Front End Fence	1
7	B065 6712	End Fence Guide (A4)	2
8	B065 6881	Detector Bracket	1
9	AW02 0056	Photointerruptor - EE-SX4235A-P1	4
10	A293 6714	Rear End Fence	1
11	B065 6884	Detector Bracket	1
12	A248 6727	DC Solenoid - Rear End Fence	1
13	B065 6811	Side Plate - Right Rear	1
14	B070 6684	Lever:Release:Rear	1
15	AB03 2058	Wire Pulley - M10	2
16	A248 6695	Guide - Pulley	4
17	AB03 2719	Pulley - M10	2
18	A248 6687	Right Drive Shaft	1
19	A293 6684	Pulley:Drive Were:Ass'y	2
20	5053 0223	Bushing - 8mm	2
21	B065 6744	Right Tandem Harness	1
22	B065 6743	Right Connecting Bracket	1
23	B065 6862	Large Lever	1
24	AA13 2203	Spacer - 6mm	1
25	A010 5700	Sensor	1
26	AA16 1129	Cushion - Large	1
27	B065 6851	Right Base - Tandem LCT	1
28	AF02 2105	Roller - Slide Rail	1
29	AA16 1130	Cushion - Small	2
30	B065 6864	Small Lever	1
31	A248 6694	Wire Ring	4
32	B065 6870	Stay - Rightbase	2
33	A294 6690	Feeler - Paper Height Sensor	1
34	B065 6717	Paper Volume Shield Plate	1
35	B065 6710	Front Right Side Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	A248 6701	Oil Damper	1
37	AB01 3781	Gear - 30Z	1
38	B065 6872	Oil Damper Bracket	1
39	A294 6655	Front Roller - Slide Rail	1
101	0633 0200G	Pin - M3x20	
102	0720 0040E	Retaining Ring - M4	
103	0720 0060E	Retaining Ring - M6	
104	0434 0060N	Pan Head Self- Tapping Screw - M4x6	
105	0313 0080N	Philips Pan Head Screw - M3x8	
106	1105 0267	Harness Clamp - YMC-10-0	
107	1105 0291	Harness Clamp - LWS-3S	
108	1106 0411	Bushing - 11.5mm	
109	0951 3006N	Philips Screw With Flat Washer - M3x6	
110	0313 0120N	Philips Pan Head Screw - M3x12	
111	0452 3006N	Tapping Screw - M3x6	

23.UNIVERSAL TRAY

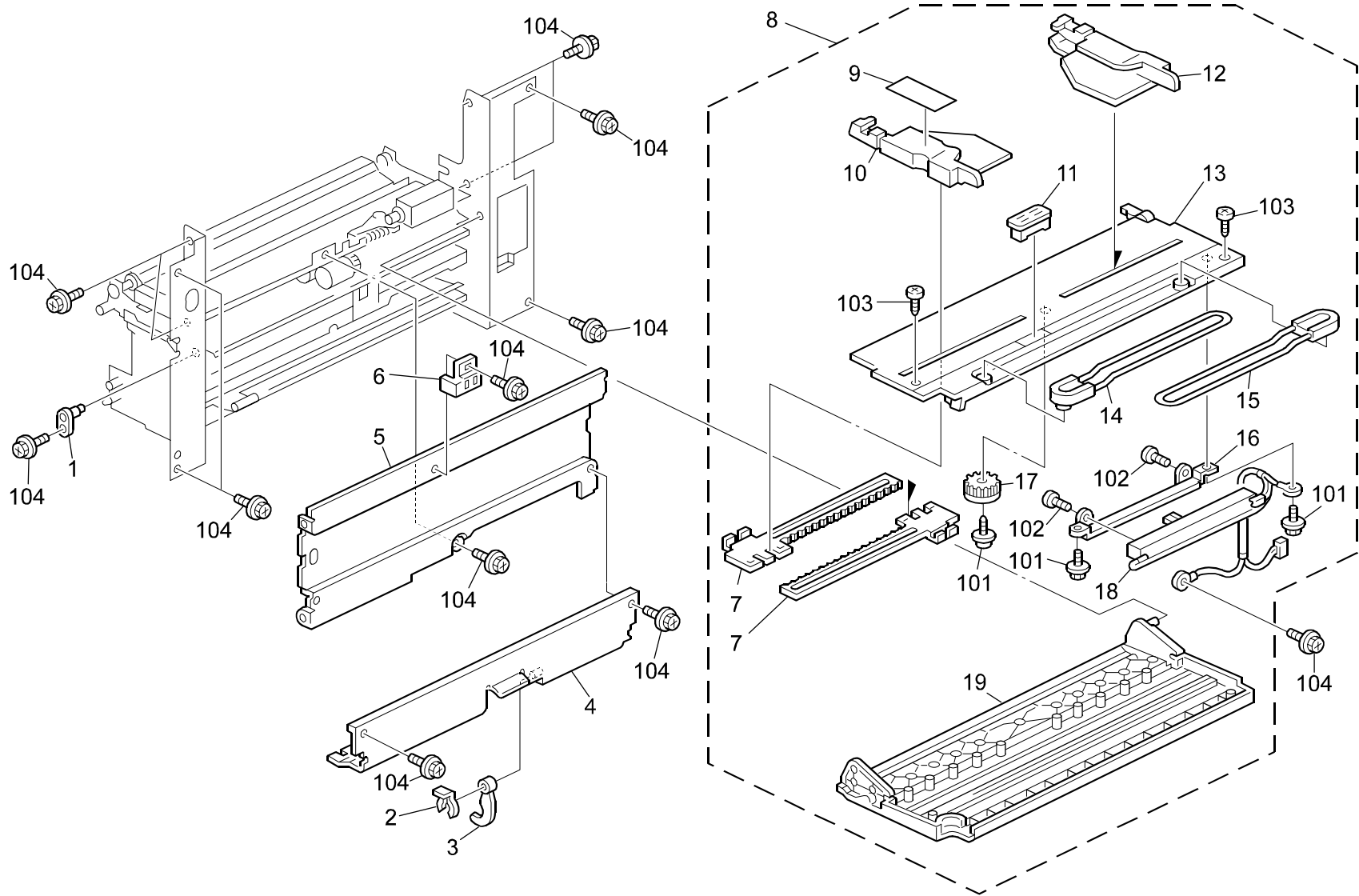


23.UNIVERSAL TRAY

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6502	Paper Tray Assembly (LT)(B064/B065)	1
1	B065 6504	Paper Tray Assembly (A4)(B064/B065)	1
1	B140 6502	Paper Tray:Universal:NA:Ass'y (B140/B141/B142/B143/B163/B228)	1
1	B140 6504	Paper Tray:Universal:EU:Ass'y (B140/B141/B142/B143/B163/B228)	1
2	B065 6576	Coupling Link	1
3	A293 6585	Knob - Paper Size Selection	1
4	AF01 0092	Paper Tray - LT	1
4	AF01 0091	Paper Tray (A4)	1
5	A293 6579	Link Guide	1
6	AA00 2258	Decal - Paper Size - LT	1
6	AA00 2259	Decal - Paper Size - A4	1
7	AA00 2261	Decal - Universal Tray	1
8	B065 6545	Decal - Positioning	2
9	AF01 6079	Left Rear Side Fence	1
10	A096 6553	Side Fence Pad	2
11	B065 6534	Front Side Fence	1
12	A134 2978	Spring Plate	1
13	B065 6538	Positioning Stopper Lever	1
14	B065 6533	Front Side Fence Ass'y	1
15	AF01 7029	Paper End Fence	1
16	A048 2838	Nylon Rivet	2
17	AF01 3005	Bottom Plate Pad	1
18	AF01 1043	Bottom Plate	1
19	AB01 3868	Gear - 16Z	1
20	B065 6591	Paper Tray Holder Base	1
21	AA00 2010	Decal - Paper Level	1
22	B065 6543	Side Fence:Inner Back:Adhesion	1
23	A267 2859	Side Fence Stopper	1
24	A267 2860	Rear Lever Stopper	1
25	A267 2857	Spring Plate - Side Fence	1
26	A176 6570	Paper Stopper	1
27	B065 6542	Side Fence:Inner Back:Ass'y	1
28	B065 6571	Paper Size Detection	1

Index No.	Part No.	Description	Q'ty Per Assembly
29	A293 6574	Actuator Guide	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	B065 6633	Paper Tray Cover - Short (2nd)	1
34	B065 6632	Paper Tray Cover - Long (3rd)	1
35	A229 6556	Tray Bottom Plate (B064/B065)	1
35	B098 6557	Tray Bottom Plate (B140/B141/B142/B143/B163/B228)	1
36	B065 6588	Right Support Plate	1
37	B065 6589	Left Support Plate	1
38	B065 6636	Decal - Paper Tray 2	1
38	B065 6637	Decal - Paper Tray 3	1
39	B065 6579	Tapping Screw - M4x8	1
101	0451 3008N	Tapping Screw - M3x8	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	0453 4008N	Tapping Bind Screw - M4x8	
104	0360 4008N	Screw - M3 X 8	
105	0720 0060E	Retaining Ring - M6	
106	0450 4008N	Tapping Screw - 4x8	
107	0450 3008N	Tapping Screw - M3x8	

24.BY-PASS FEED TRAY



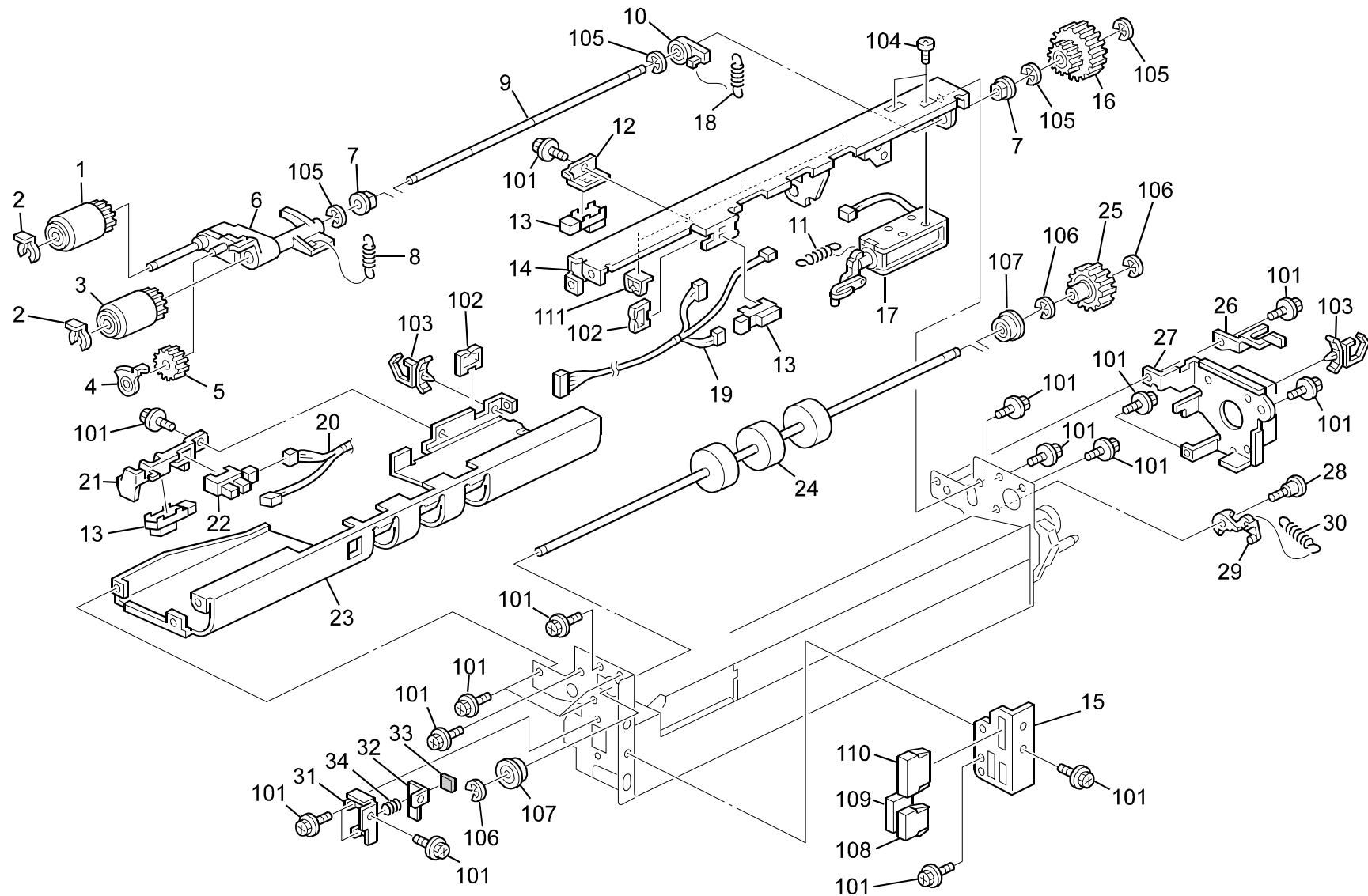
24.BY-PASS FEED TRAY

Rev. 01/16/2008

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 2743	Front Shaft - By-pass	1
2	5206 2686	Snap Ring	1
3	B065 2729	Paper End Feeler	1
4	B065 2721	Paper Feed Guide Plate - By-pass (B064/B065)	1
4	B140 2721	Manual Feed Guide Plate (B140/B141/B142/B143/B163/B228)	1
5	B065 2660	Paper Feed Cover (B064/B065)	1
5	B140 2660	Machine Or Copier Paper Feed Cover (B140/B141/B142/B143/B163/B228)	1
6	B065 2662	Magnet Catch Bracket (B064/B065)	1
6	B140 2662	Magnet Catch Bracket (B140/B141/B142/B143/B163/B228)	1
7	A096 2780	Feed Guide Gear	2
8	B065 2730	By-pass Table	1
9	B065 2746	Decal - Paper Set	1
10	B065 2737	Front Side Fence - By-pass	1
11	B351 4135	Magnet Catch - Original Table	1
12	B065 2735	Rear Side Fence - By-pass	1
13	B065 2732	Manual Feed Table	1
14	B065 2738	Front Support Stay - By-pass	1
15	B065 2740	Rear Support Stay - By-pass	1
16	B065 2741	Sensor Bracket	1
17	B098 3492	Gear:Manual Feed Table	1
18	B247 2745	Paper Size Switch [TSB#120R]	1
19	B065 2733	By-pass Table Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0453 3006N	Tapping Screw - M3x6	
103	0452 3008N	Binding Self-tapping Screw - 3x8	
104	0451 4008N	Philips Tapping Screw - M4x8	

25.PAPER FEED UNIT 1

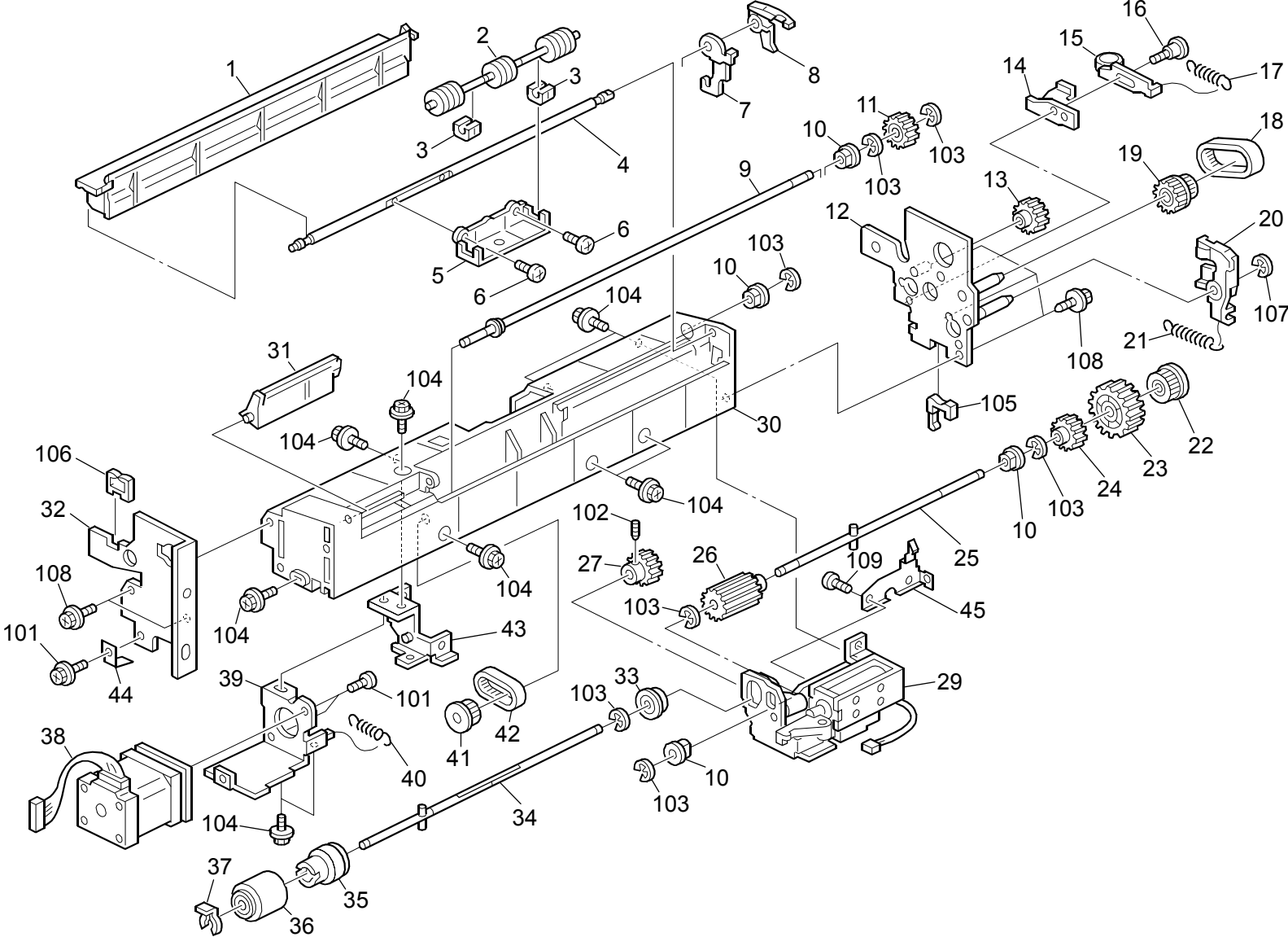


25.PAPER FEED UNIT 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF03 0051	Pick-up Roller (B064/B065)	1
1	AF03 0081	Paper Feed Roller:Pickup (B140/B141/B142/B143/B163/B228)	1
2	5447 2681	Snap Ring	2
3	AF03 1065	Pare Feed Roller (B064/B065)	1
3	AF03 1082	Paper Feed Roller:Feed (B140/B141/B142/B143/B163/B228)	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 0098	Photointerruptor	3
14	B065 6364	Feed Stay	1
15	B065 6375	Paper Feed Unit Stay	1
16	AB01 7617	Gear - 21Z/38Z	1
17	B065 6318	Pick-up Solenoid	1
18	AA06 0897	Spring	1
19	B065 6488	Upper Paper Feed Harness	1
20	B065 6487	Lower Paper Feed Harness	1
21	B065 6345	Paper End Sensor Bracket	1
22	AW02 0056	Photointerruptor - EE-SX4235A-P1	1
23	B065 6339	Feed Guide Plate (B064/B065)	1
23	B140 6339	Paper Feed Guide Plate (B140/B141/B142/B143/B163/B228)	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

Index No.	Part No.	Description	Q'ty Per Assembly
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
101	0451 4008N	Philips Tapping Screw - M4x8	
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	

26.PAPER FEED UNIT 2

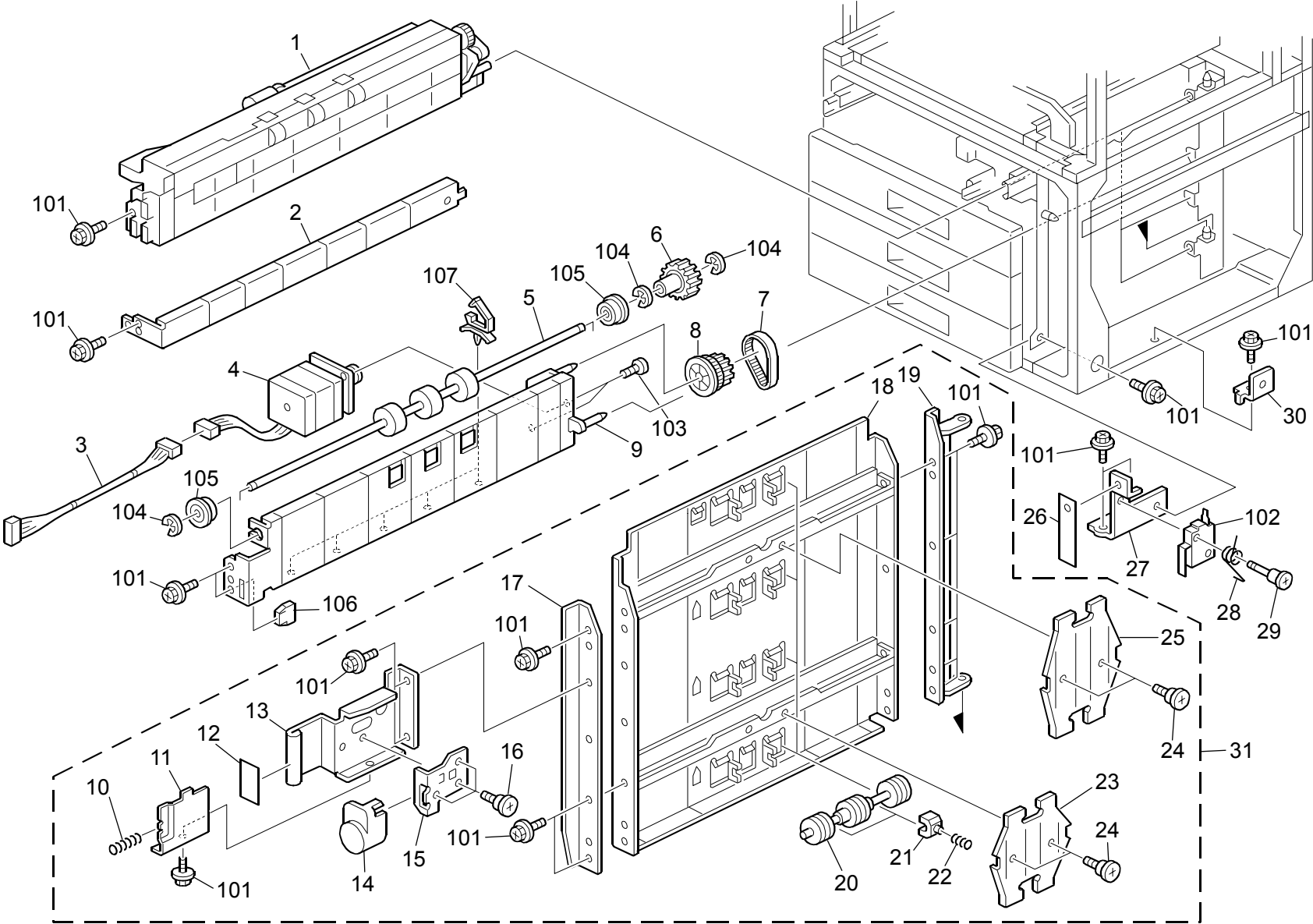


26.PAPER FEED UNIT 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6372	Guide Plate	1
2	AF02 2149	Transport Roller	1
3	AA08 0327	Bushing - M4	2
4	AA14 0829	Driven Shaft	1
5	B065 6453	Transport Roller Lever	1
6	AA14 3402	Screw - Scale	2
6	AA14 3812	Screw - Scale (B142/B143/B228)	2
7	B065 6454	Driven Release Lever	1
8	B065 6455	Driven Pressure Lever	1
9	B065 6317	Relay Shaft	1
10	AA08 2118	Bushing - M6	4
11	AB01 1469	Gear - 19Z	1
12	B065 6330	Rear Side Plate - Paper Feed	1
13	AB01 1470	Gear - 18Z	1
14	B065 6452	Tray Link Guide	1
15	B065 6346	Paper Tray Link	1
16	AA14 3718	Stepped Screw - M4	1
17	AA06 0901	Spring	1
18	AA04 3575	Timing Belt	1
19	AB01 7690	Pulley:Idler:30t/24z	1
20	B065 6456	Vertical Transport Link	1
21	AA06 0900	Spring	1
22	AB03 0734	Pulley - 30Z	1
23	AB01 1490	Gear - 38Z	1
24	AB01 1491	Gear - 21Z	1
25	B065 6306	Reverse Drive Shaft	1
26	AB01 1471	Reverse Gear	1
27	AB01 1391	Driven Reverse Gear - 21Z	1
29	B140 6321	Reverse Roller:Pressure Release	1
30	B065 6333	Reverse Housing	1
31	B065 6371	Support Guide Plate	1
32	B065 6336	Front Side Plate - Paper Feed	1
33	B065 6416	Ball Bearing - 6x12x4.5	1
34	B065 6307	Reverse Driven Shaft	1
35	B065 6399	Torque limiter	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AF03 2050	Separation Roller (B064/B065)	1
36	AF03 2080	Paper Feed Roller:Separate (B140/B141/B142/B143/B163/B228)	1
37	5447 2681	Snap Ring	1
38	B065 6323	Paper Feed Motor	1
39	B065 6394	Motor Bracket	1
40	AA06 0904	Spring	1
41	AB03 0733	Pulley - 20T	1
42	AA04 3576	Timing Belt	1
43	B065 6415	Motor Base	1
44	B140 6378	Ground Plate:Stepper Motor:Paper Feed Unit	1
45	B140 6377	Ground Plate:Reverse:Paper Feed Unit	1
101	0353 0040N	Screw - M3X4	
102	0573 0030E	Hexagon Headless Set Screw - M3x3	
103	0720 0040E	Retaining Ring - M4	
104	0451 4008N	Philips Tapping Screw - M4x8	
105	1105 0522	Edge Saddle - Les0510	
106	1105 0328	Harness Clamp - ES-0505	
107	0720 0060E	Retaining Ring - M6	
108	0450 4008N	Tapping Screw - 4x8	

27.VERTICAL TRANSPORT

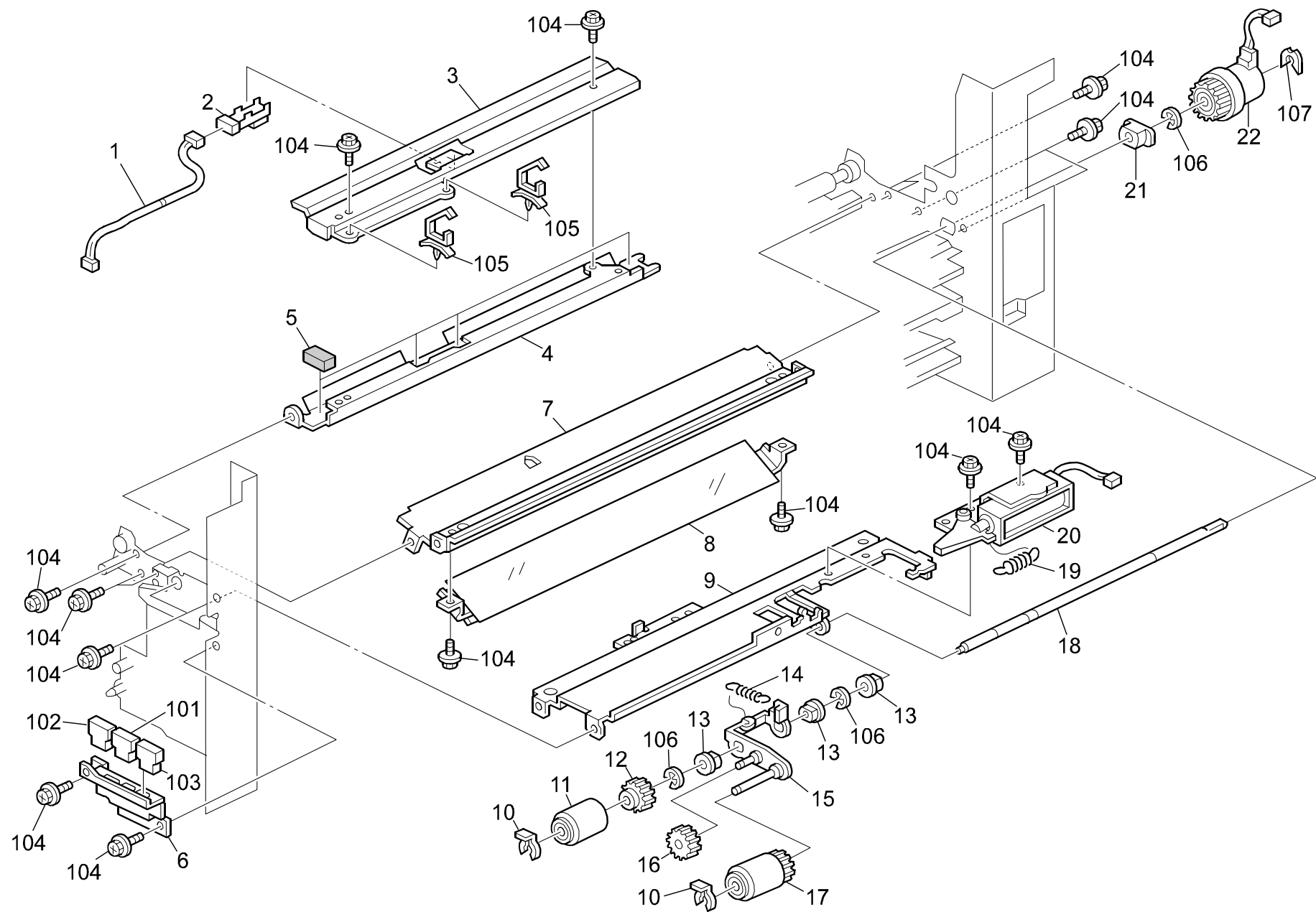


27.VERTICAL TRANSPORT

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6201	Paper Feed Unit:Paper Bank:Ass'y (B064/B065)	3
1	B140 6200	Paper Feed Unit Ass'y (B140/B141/B142/B143/B163/B228)	3
2	B065 6361	Relay Guide Plate - Paper Feed (B064/B065)	1
2	B140 6361	Paper Bank Connecting Guide Plate (B140/B141/B142/B143/B163/B228)	1
3	B065 6489	Relay Unit Harness	1
4	B065 6323	Paper Feed Motor	1
5	AF02 0562	Transport Roller	1
6	AB01 1466	Gear - 35Z	1
7	AA04 3575	Timing Belt	1
8	AB01 7619	Gear - 24Z/40Z	1
9	B065 6472	Relay Unit Guide Plate (B064/B065)	1
9	B140 6472	Joint Unit Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	1
10	AA06 3878	Spring	1
11	B065 6429	Release Cover - Vertical Transport	1
12	A029 2984	Decal - Grip	1
13	B065 6426	Release Lever - Vertical Transport	1
14	B065 6428	Release Button - Vertical Transport	1
15	B065 6427	Release Lever - Vertical Transport	1
16	5201 1796	Stepped Screw - M4	3
17	B065 6403	Front Side Plate - Vertical Transport	1
18	B065 6405	Guide Plate - Vertical Transport	1
19	B065 6404	Rear Side Plate - Vertical Transport	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
24	AA14 3715	Stepped Screw - M5	4
25	B065 6402	Transport Pressure Plate	1
26	A096 5528	Micro Switch Sheet	1
27	B065 6122	Micro Switchbracket	1
28	A423 4433	Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
29	AA14 3809	Shoulder Screw - M2.5	1
30	B065 6078	LCT Stay	1
31	B140 6420	Vertical Transport Unit Ass'y (B140/B141/B142/B143/B163/B228)	1
101	0451 4008N	Philips Tapping Screw - M4x8	
102	1204 2521	Micro Switch	
103	0353 0040N	Screw - M3X4	
104	0720 0060E	Retaining Ring - M6	
105	0742 3808	Ball Bearing - 8x16x5	
106	1102 6249	Relay Connector - 6P	
107	1105 0511	Harness Clamp - LWS-0306ZC	

28.PAPER REGISTRATION 1

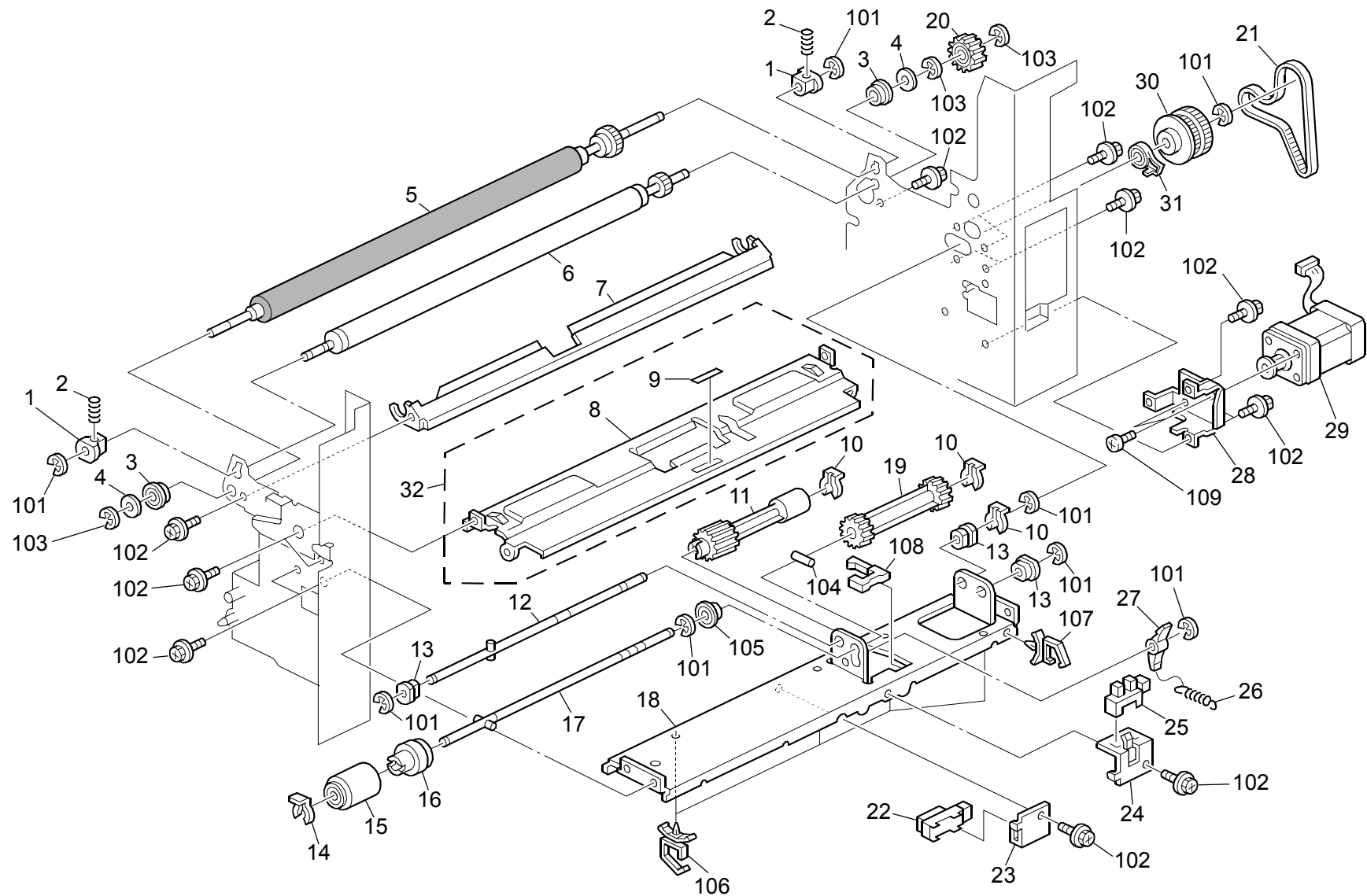


28.PAPER REGISTRATION 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 2763	Relay Registration Harness	1
2	AW01 0098	Photointerruptor	1
3	B065 2621	Sensor Bracket	1
4	B065 2620	Paper Dust Removal Case	1
5	AA15 2441	Case Seal	4
6	B065 2608	Development Connector Bracket	1
7	B065 2614	Front Upper Guide Plate (B064/B065)	1
7	B140 2614	Upper Front Registration Guide (B140/B141/B142/B143/B163/B228)	1
8	A096 2622	Front Lower Registration Guide (B064/B065)	1
8	B140 2622	Lower Front Registration Guide (B140/B141/B142/B143/B163/B228)	1
9	B065 2682	Paper Feed Stay	1
10	5447 2681	Snap Ring	2
11	AF03 1066	Paper Feed Roller (B064/B065)	1
11	AF03 1083	Paper Feed Roller:Feed:Manual Feed (B140/B141/B142/B143/B163/B228)	1
12	AB01 1478	Gear - 18Z	1
13	AA08 2116	Bushing - M8	3
14	AA06 0888	Spring	1
15	B065 2688	Pick-up Roller Arm	1
16	5447 2706	Gear - 15T	1
17	AF03 0050	Pick-up Roller (B064/B065)	1
17	AF03 0080	Paper Feed Roller:Pickup (B140/B141/B142/B143/B163/B228)	1
18	AA14 0819	Feed Roller Shaft	1
19	AA06 0887	Spring	1
20	B065 2690	Pick-up Roller Solenoid	1
21	AA08 3019	Bushing	1
22	AX20 0242	Magnetic Clutch	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	Philips Tapping Screw - M4x8	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	0720 0060E	Retaining Ring - M6	
107	0805 0088	Retaining Ring - M6	

29.PAPER REGISTRATION 2

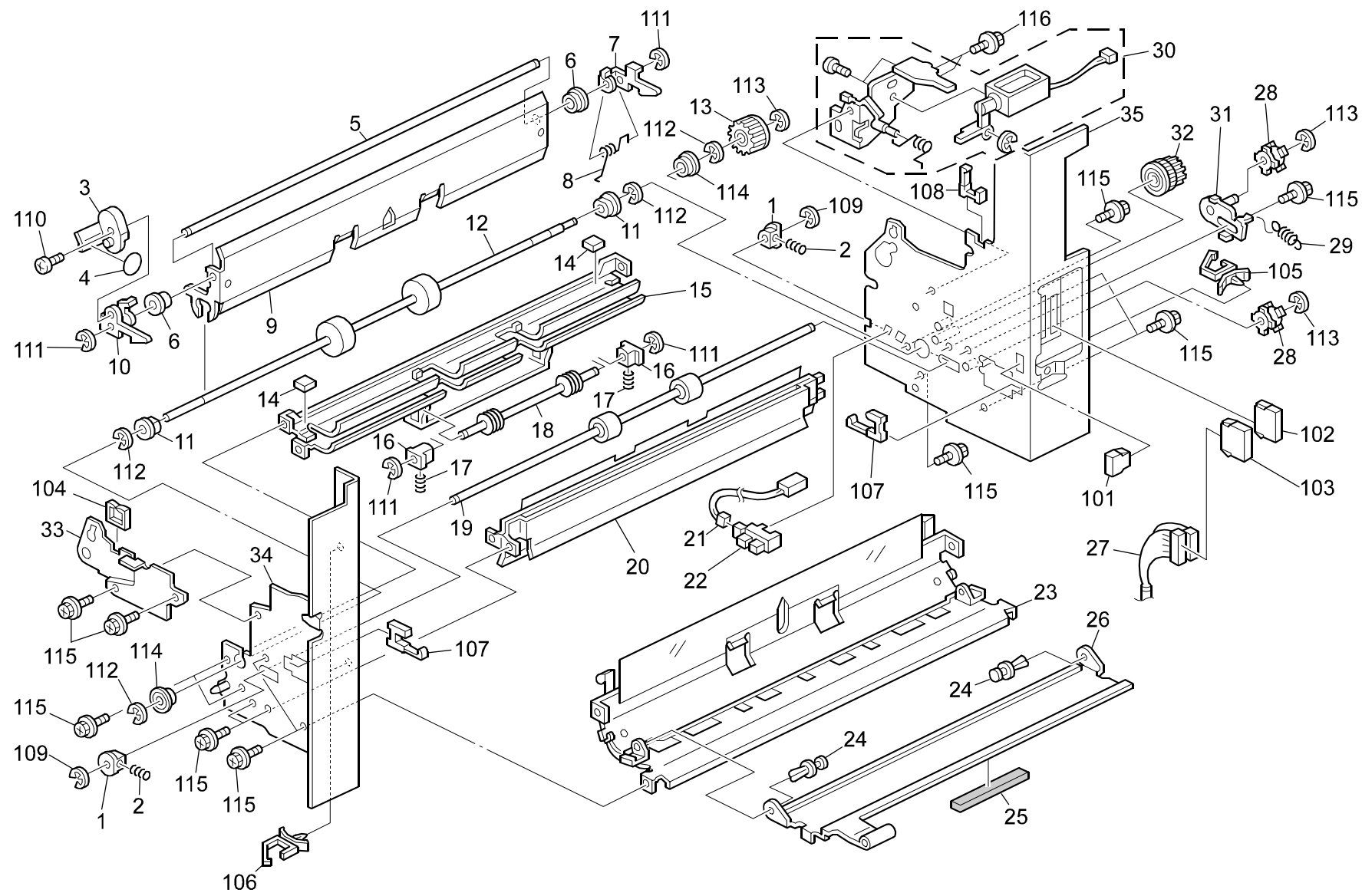


29.PAPER REGISTRATION 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	5205 2697	Bushing - Upper Registration Roller	2
2	5442 2754	Spring - Registration Roller	2
3	A247 2800	Ball Bearing - 8x12x5	2
4	AA13 2025	Spacer - 1x8x12	2
5	B065 2627	Lower Registration Roller	1
6	B065 2623	Upper Registration Roller	1
7	B140 2612	Lower Registration Guide	1
8	B065 2701	Lower Guide Plate - By-pass (B064/B065)	1
9	A053 2916	Friction Pad - B (B064/B065)	1
10	G011 1058	Snap Ring	3
11	AB01 7608	Reverse Gear	1
12	B110 2713	Shaft:Reverse:Drive:Ass'y	1
13	AA08 2118	Bushing - M6	3
14	5447 2681	Snap Ring	1
15	AF03 2050	Separation Roller (B064/B065)	1
15	AF03 2080	Paper Feed Roller:Separate (B140/B141/B142/B143/B163/B228)	1
16	B065 6399	Torque limiter	1
17	B065 2714	Separation Roller Shaft	1
18	B065 2699	Separation Roller Stay	1
19	AB01 7609	Reverse Gear	1
20	AB01 4077	Registration Roller Gear	1
21	AA04 3944	Timing Belt	1
22	AW01 0098	Photointerruptor	1
23	B065 2708	Middle Sensor Bracket	1
24	B065 2707	Paper End Sensor Bracket	1
25	AW02 0056	Photointerruptor - EE-SX4235A-P1	1
26	AA06 0911	Spring	1
27	B065 2709	Reverse Pressure Lever	1
28	B065 2752	Motor Bracket	1
29	B065 6323	Paper Feed Motor	1
30	AB01 7606	Gear - 24Z/46Z	1
31	B065 6445	Feed Lever	1
32	B140 2700	Reverse Stay Ass'y (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	0720 0060E	Retaining Ring - M6	
104	0632 0100G	Pin - 2x10mm	
105	0805 3145	Ball Bearing - 6x12x4mm	
106	1105 0487	Harness Clamp	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0522	Edge Saddle - LES0510	
109	0453 3006N	Tapping Screw - M3x6	

30.PAPER REGISTRATION 3

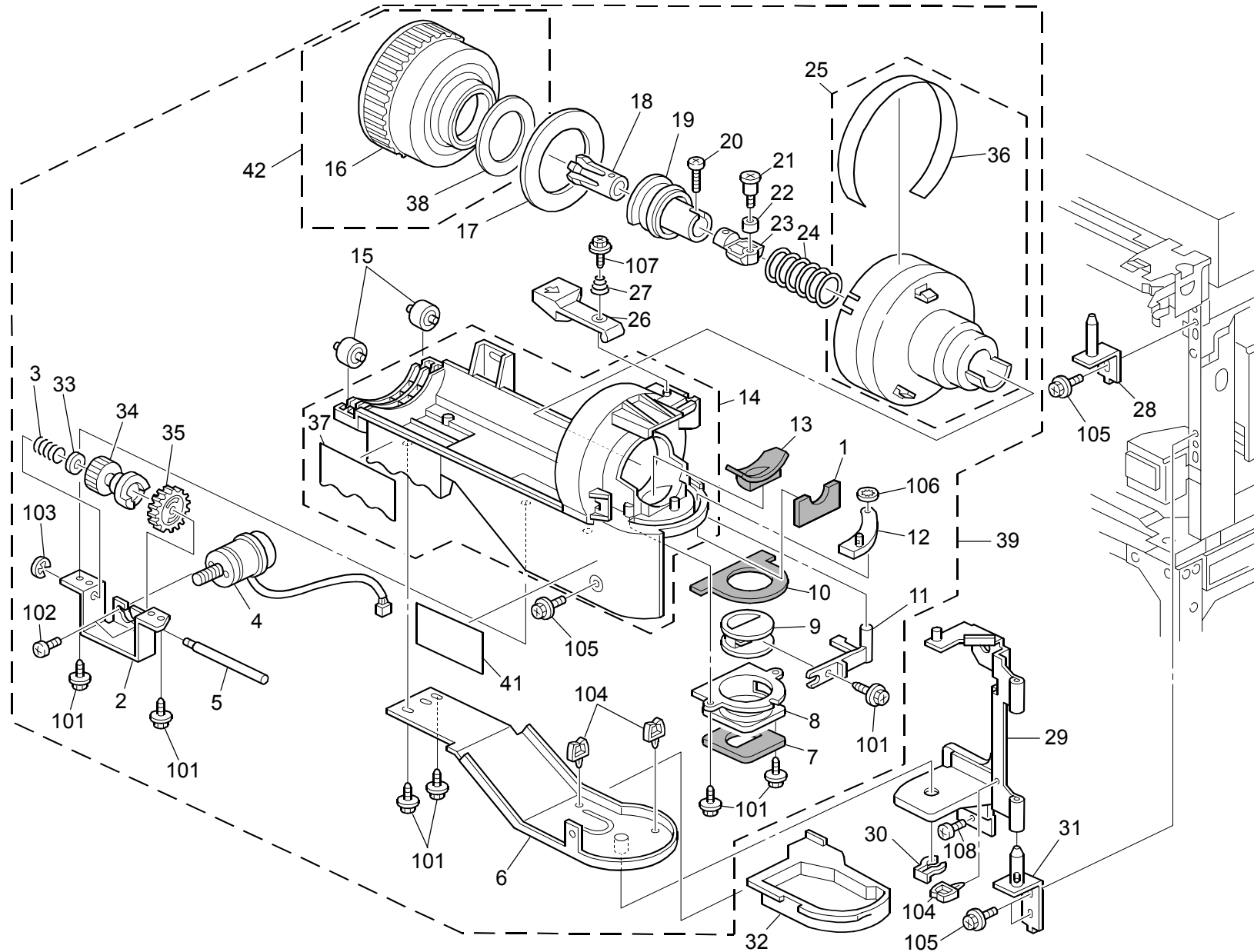


30.PAPER REGISTRATION 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	5205 2697	Bushing - Upper Registration Roller	2
2	AA06 3254	Driven Roller Spring	2
3	A229 2717	Lock Lever	1
4	AA00 1213	Decal - B2	1
5	AA14 0486	Lock Shaft	1
6	5443 2668	Bushing - 4x6x7mm	2
7	A229 2655	Read Rock	1
8	AA06 6211	Rear Lock Spring	1
9	B065 2647	Registration Guide Plate (B064/B065)	1
9	B140 2647	Open And Close Guide Ass'y (B140/B141/B142/B143/B163/B228)	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	B065 2671	Duplex Exit Guide Plate (B064/B065)	1
15	B140 2671	Exit Duplex Guide Ass'y (B140/B141/B142/B143/B163/B228)	1
16	AA08 0034	Bushing - 4x5x7	2
17	AA06 3255	Exit Roller Spring	2
18	A294 2678	Roller - Duplex Exit	1
19	AF02 2110	Transport Driven Roller	1
20	B065 2665	Relay Guide Plate (B064/B065)	1
20	B140 2665	Paper Bank Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	1
21	B065 2762	Relay Paper Feed Harness	1
22	AW02 0120	Photointerruptor - Flat	1
23	B065 2675	LCT Guide Plate (B064/B065)	1
23	B140 2675	Option Tray Guide Ass'y (B140/B141/B142/B143/B163/B228)	1
24	A048 2838	Nylon Rivet	2
25	AA16 2079	Cushion	1
26	B065 2673	Upper Exit Guide Plate (B064/B065)	1

Index No.	Part No.	Description	Q'ty Per Assembly
26	B140 2673	Open And Close Option Tray Exit Guide (B140/B141/B142/B143/B163/B228)	1
27	B065 2761	By-pass Harness	1
28	AB03 0722	Pulley - 13mm	2
29	AA06 0890	Spring	1
30	B140 2655	DC Solenoid:Guide Plate	1
31	B065 2754	Tightener Bracket	1
32	AB01 7607	Gear - 22Z/39Z	1
33	B065 2607	Front Support Plate	1
34	B065 2605	Front Paper Feed Side Plate	1
35	B065 2600	Rear Paper Feed Side Plate	1
101	1102 6246	Relay Connector - 4P	
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	
115	0451 4008N	Philips Tapping Screw - M4x8	

31.TONER HOPPER SECTION

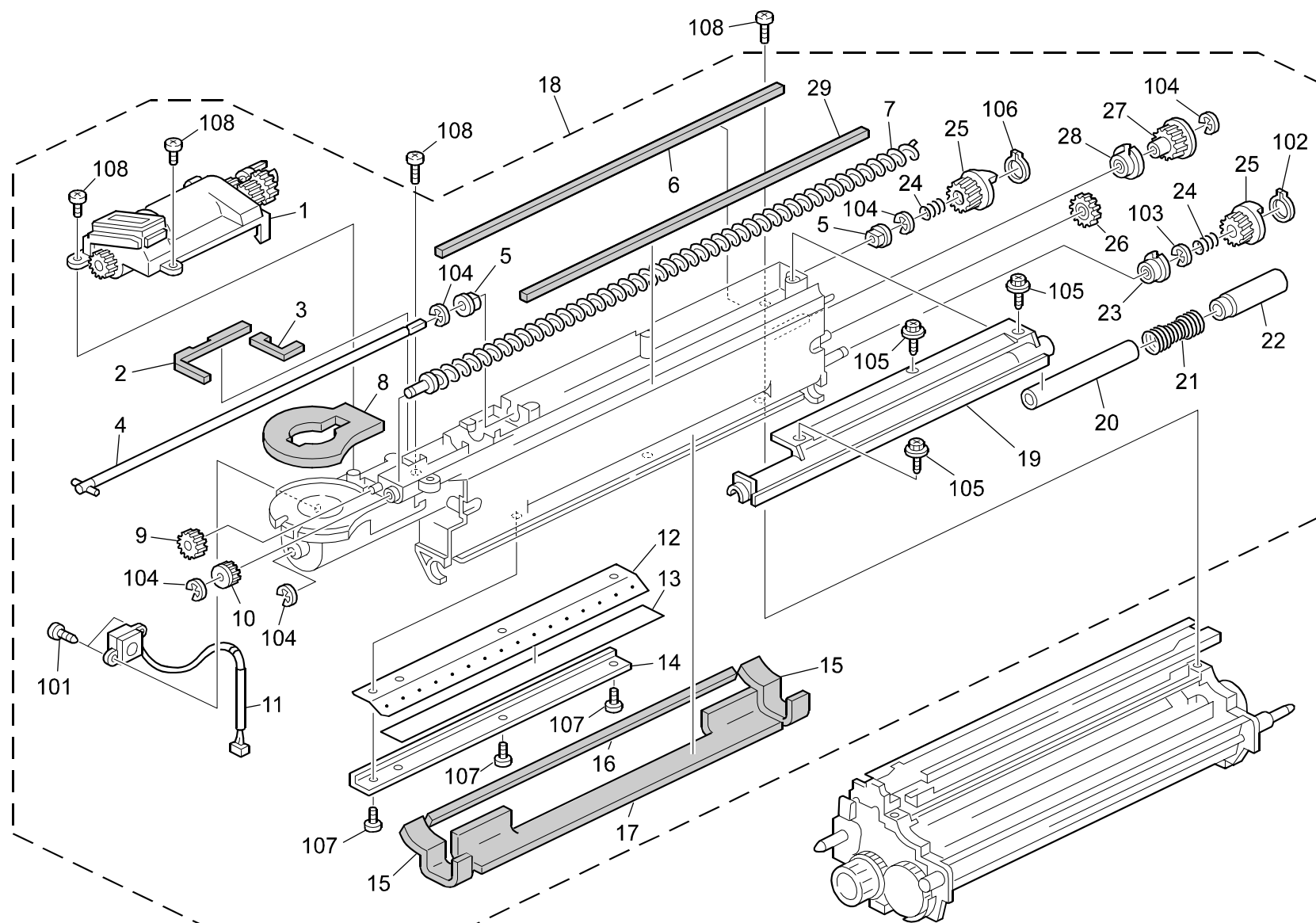


31.TONER HOPPER SECTION

Index No.	Part No.	Description	Q'ty Per Assembly
1	A293 3231	Shield Holder	1
2	B065 3309	Toner Bottle Drive Bracket	1
3	AA06 0291	Spring	1
4	A229 3240	DC Motor	1
5	AA14 5817	Idler Shaft - Toner Bottle	1
6	B065 3311	Toner Bottle Turn Bracket	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	B065 3304	Bottle Holder	1
15	A096 3224	Bottle Roller	2
16	B065 3307	Toner Bottle Gear	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	AA14 3758	Stepped 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	AA06 3575	Toner Bottle Spring	1
28	B065 3273	Upper Stay	1
29	B065 3316	Hinge Bracket	1
30	A222 2724	External Circlip - Mm8	1
31	B065 3271	Lower Stay	1
32	A229 3258	Toner Catchpan	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
36	A134 3192	Seal - Toner Bottle	1
37	AA00 1394	Decal - Toner Supply	1
38	A229 3217	Retaining Ring Seal	1
39	B065 3301	Drive Bottle	1
41	B065 3342	Decal - Toner Supply	1
41	B065 3343	Decal - Toner Supply (CHN)	1
41	B065 3344	Decal - Toner Supply (TWN)	1
41	B065 3345	Toner Supply Decal - German	1
41	B065 3346	Toner Supply Decal - French	1
41	B065 3347	Toner Supply Decal - Italian	1
41	B065 3348	Toner Supply Decal - Spanish	1
42	B065 3306	Gear:Toner Bottle:Ass'y	1
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	Philips Tapping Screw - M4x8	
106	0805 0072	CS Ring	
107	0450 3006N	Tapping Screw - M3x6	
108	0354 0080N	Screw - M4X8	

32.TONER SUPPLY UNIT

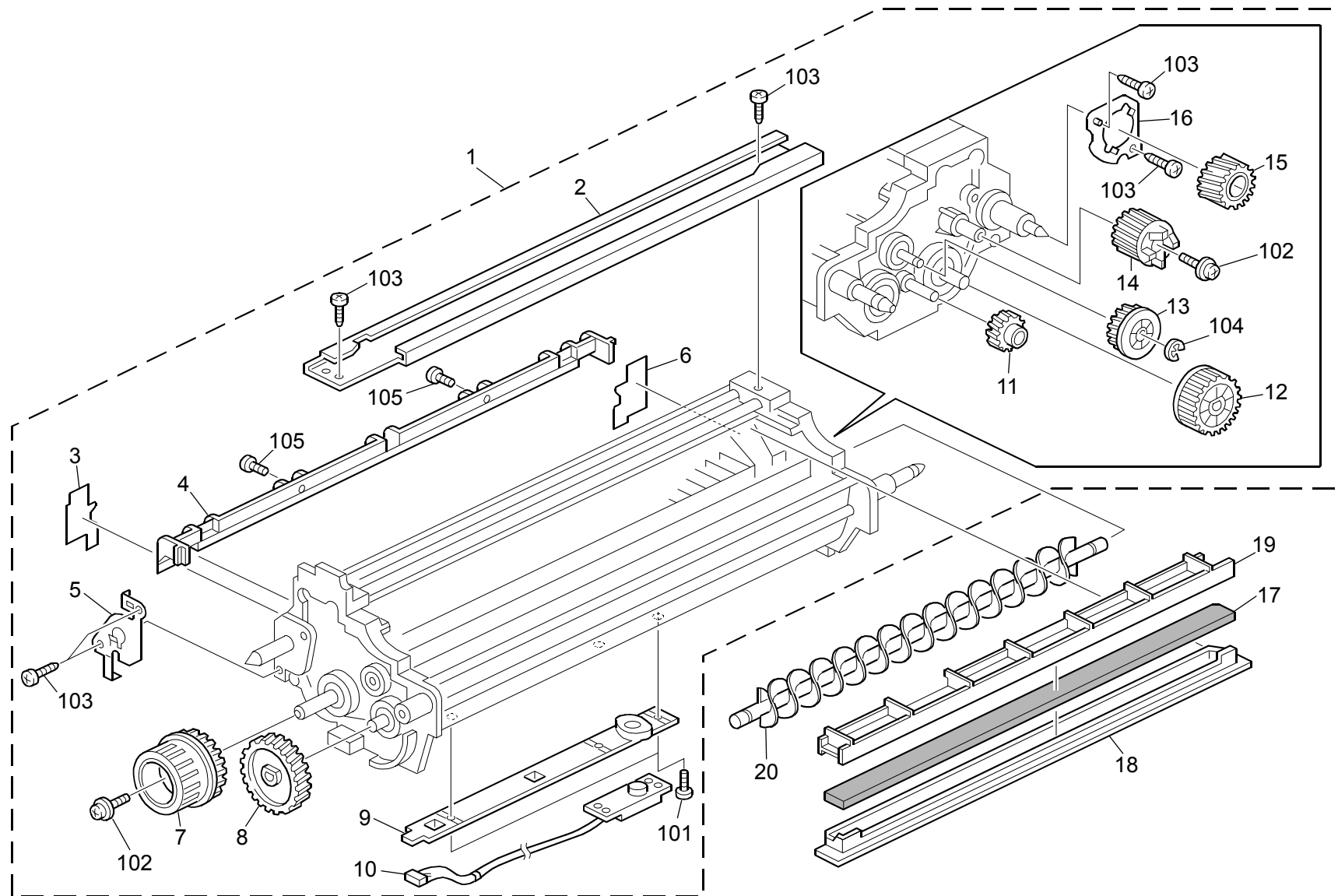


32.TONER SUPPLY UNIT

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3161	Toner Separation Case	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	B065 3120	Right Upper Case Seal	1
7	B065 3720	Transport Collection Coil - Exit	1
8	A229 3154	Case Seal	1
9	B065 3138	Idle Gear	1
10	B065 3139	Toner Collection Gear	1
11	AW31 0003	Toner End Sensor	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	B065 3111	Toner Supply Unit	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	A096 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
28	A096 3176	Bushing - 6x12x8.5	1
29	B065 3121	Left Upper Case Seal	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3008P	Binding Self Tapping Screw - M3x8	
102	0727 0060E	Retaining Ring C - 6	
103	0720 0060E	Retaining Ring - M6	
104	0720 0040E	Retaining Ring - M4	
105	0450 4008N	Tapping Screw - 4x8	
106	0727 0060E	Retaining Ring - M6	
107	0314 0060N	Philips Pan Head Screw - M4x6	
108	0354 0080N	Screw - M4X8	

33.DEVELOPMENT UNIT 1

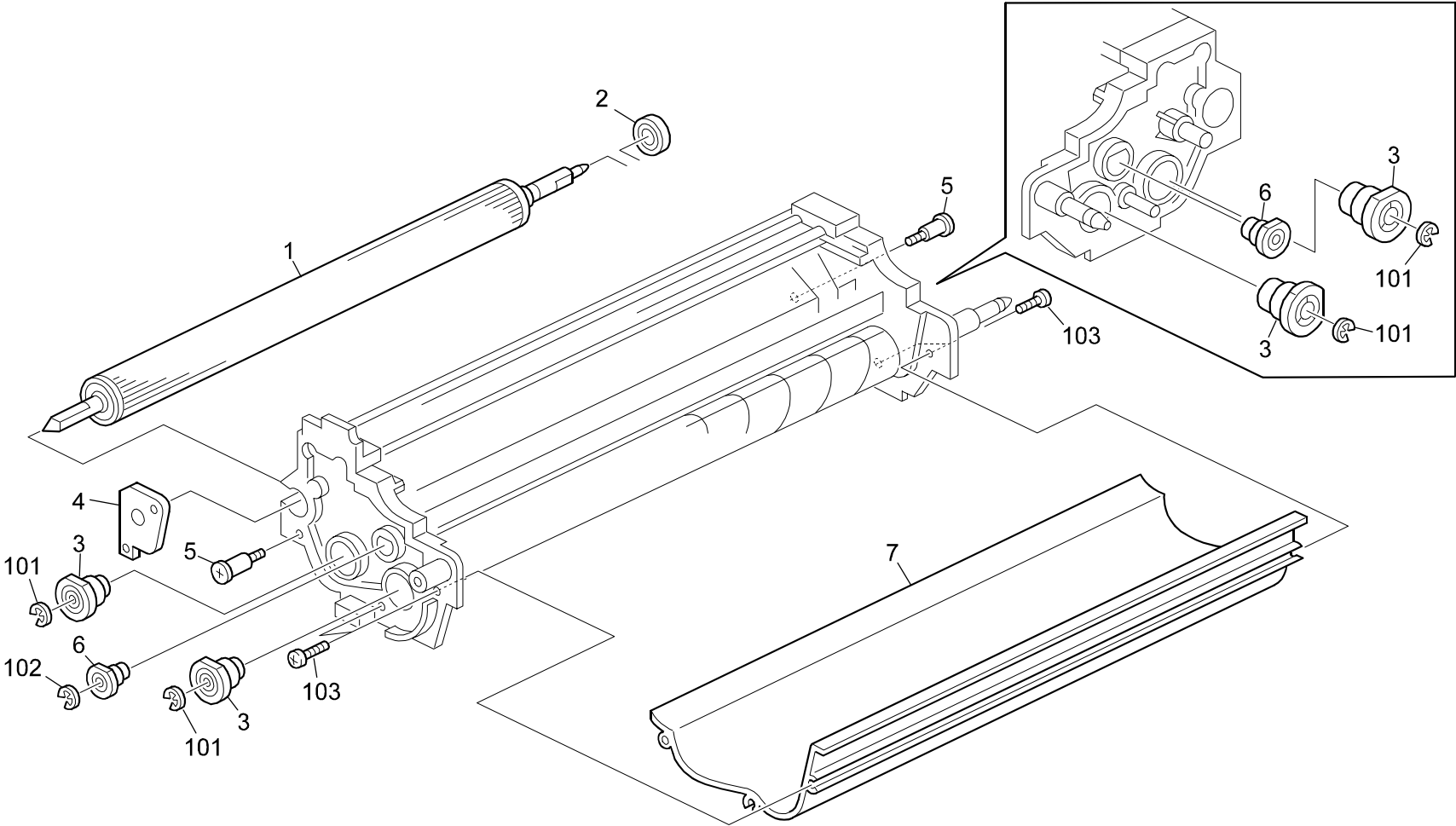


33.DEVELOPMENT UNIT 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B110 3050	Development Unit (B064/B065)	1
1	B140 3050	Development Unit (B140/B141/B142/B143/B163/B228)	1
2	B065 3095	Development Guide Rail	1
3	B110 3099	Seal:Drum:Front (B064/B065)	1
3	B140 3099	Shield - Drum Front (B140/B141/B142/B143/B163/B228)	1
4	B110 3091	Entrance Seal Ass'y	1
5	B065 3082	Development Bias Plate	1
6	B110 3100	Seal:Drum:Rear (B064/B065)	1
6	B140 3100	Shield - Drum Rear (B140/B141/B142/B143/B163/B228)	1
7	B065 3071	Development Knob	1
8	B065 3076	Gear - 41Z	1
9	B065 3065	Toner Sensor Guide	1
10	AW23 0015	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	AA01 2060	Development Filter	1
18	A096 3141	Development Filter Case	1
19	B065 3108	Filter Plate	1
20	A294 3116	Development Screw	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0060N	Philips Pan Head Screw - M3x6	
102	0951 4008N	Philips Screw With Washer - M4x8	
103	0452 3010N	Tapping Bind Screw - M3x10	
104	0720 0030E	Retaining Ring - M3	
105	0354 0080N	Screw - M4X8	

34.DEVELOPMENT UNIT 2

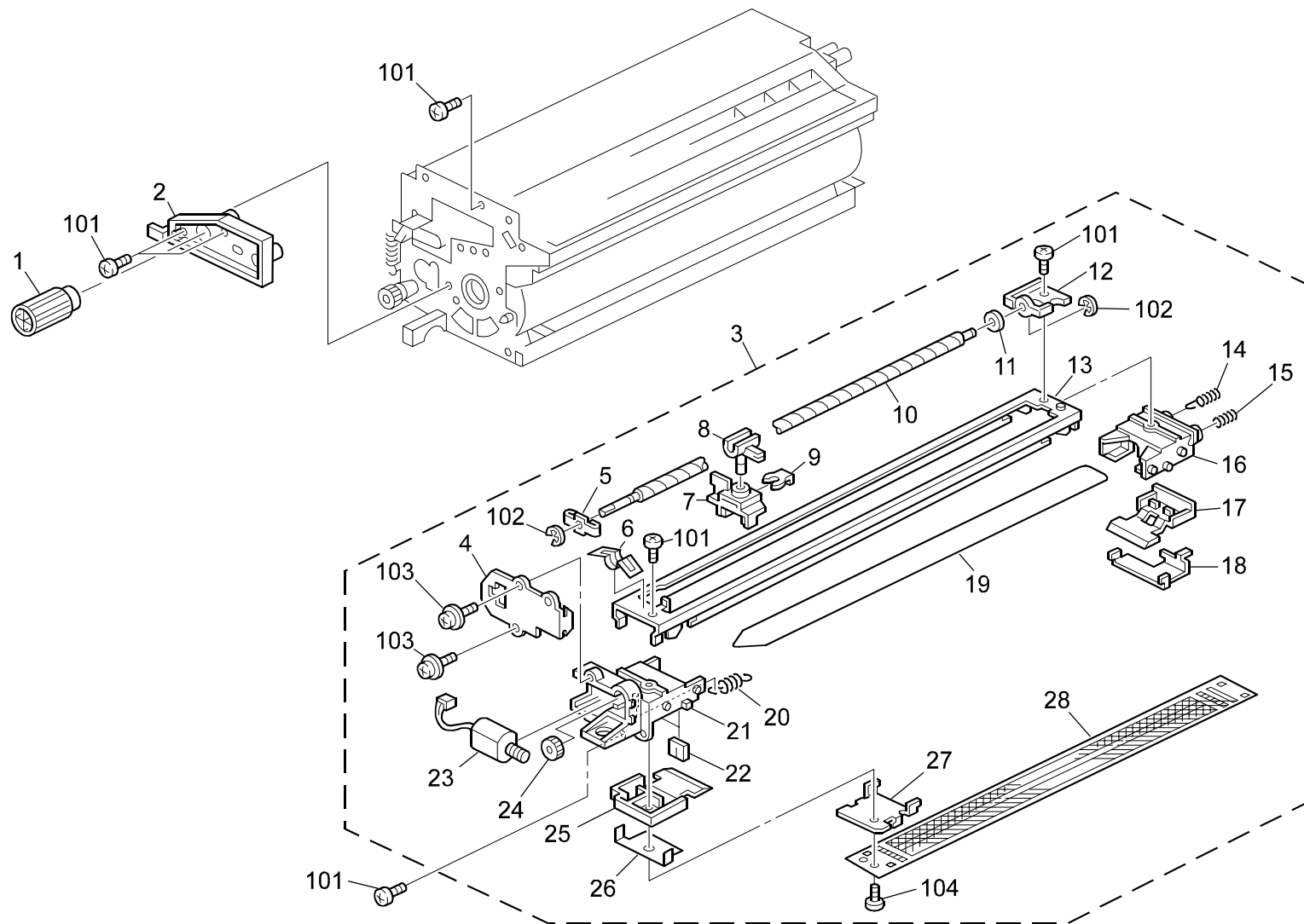


34.DEVELOPMENT UNIT 2

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	AA08 0152	Bushing - 4x12x13	2
7	B065 3060	Lower Development Casing	1

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	

35.PCU 1

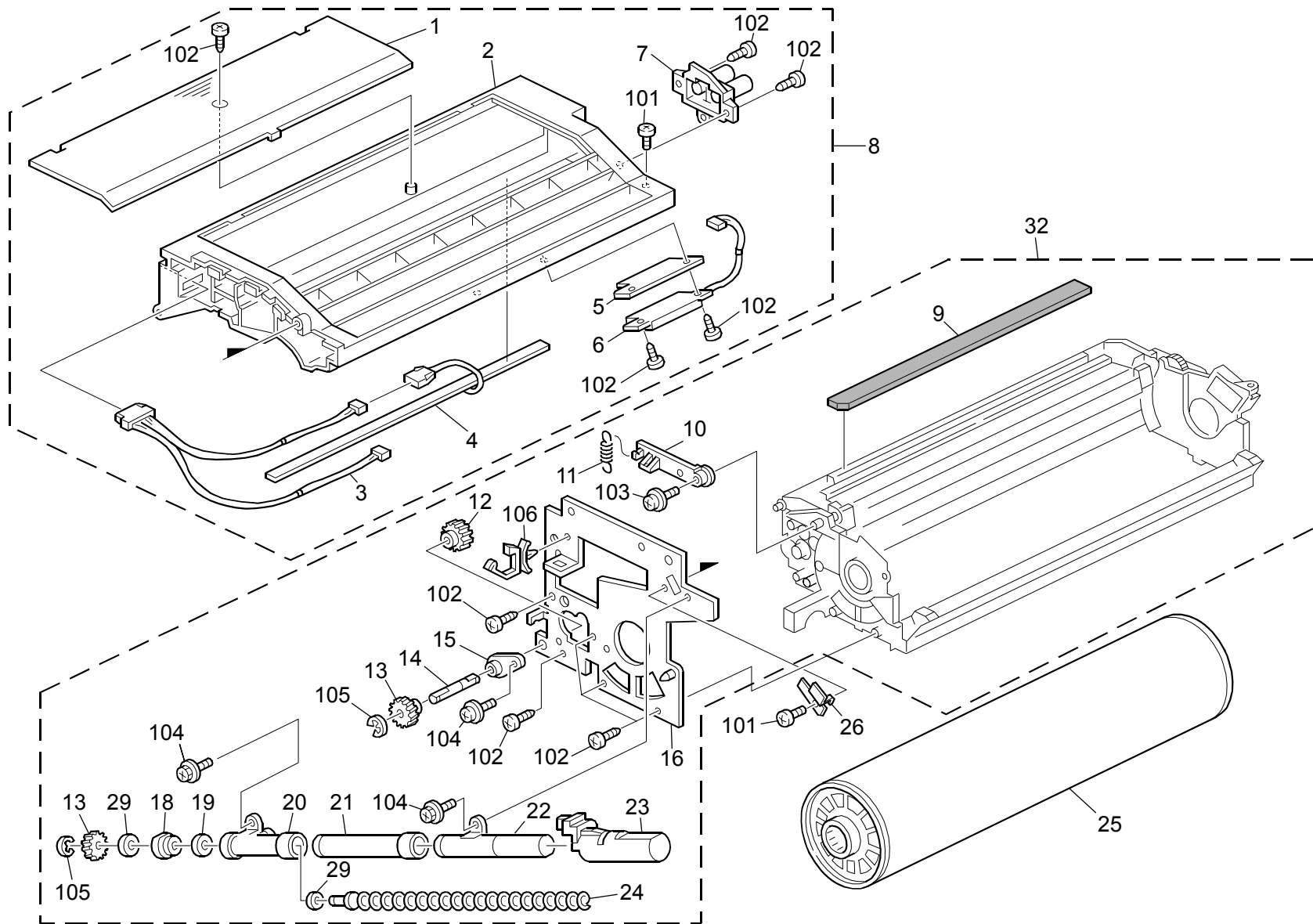


35.PCU 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 2410	Drum Shaft Knob	1
2	B065 3258	Development Drum Stay	1
3	B070 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	AA16 1158	Cushion - Spacer	1
12	B140 2291	Bushing:Screw Shaft:Rear	1
13	B140 2292	Case:Charge Corona	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	2
22	AA16 1159	Cushion - Wire	1
23	AX04 0061	Cleaner Motor - DC 0.5W	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	A096 2057	Charge Corona Grid	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	

36.PCU 2

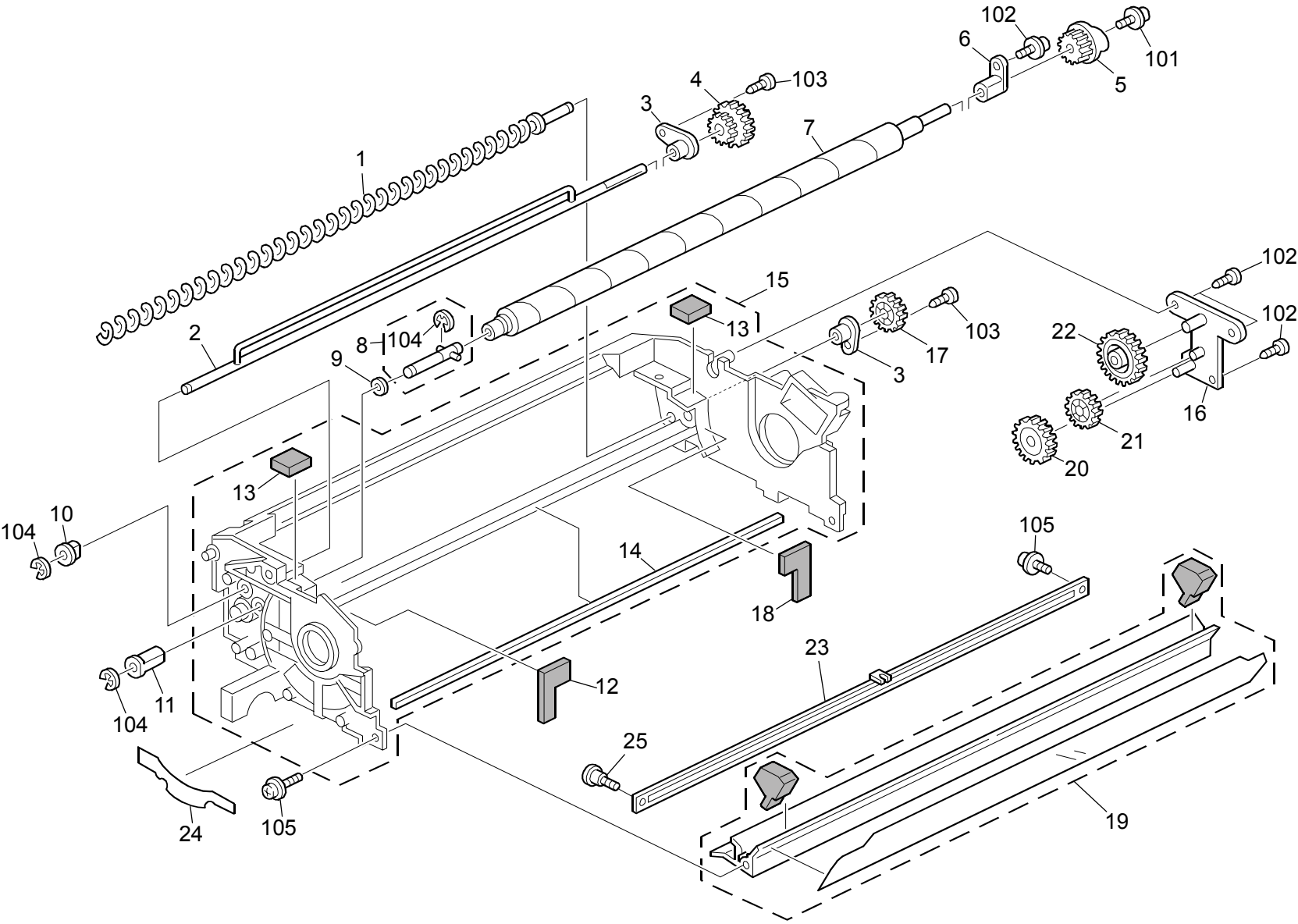


36.PCU 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	A293 2418	Upper Unit Cover	1
2	B065 2391	Upper PCU Casing	1
3	B065 2494	Upper PCU Harness	1
4	A096 5320	Quenching Lamp	1
5	A096 2301	Grounding Plate	1
6	AW33 0003	Drum Potential Sensor	1
7	B065 2392	Receptacle	1
8	B065 2270	Upper PCU Ass'y	1
9	AA01 2060	Development Filter	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	2
14	B065 2377	Toner Recycling Connecting Shaft	1
15	AA08 2122	Bushing	1
16	B065 2371	Drum Stay	1
18	AA08 0176	Bushing	1
19	AA15 3157	Joint Seal	1
20	B065 2400	Toner Recycling Joint	1
21	B065 2401	Toner Recycling Pipe	1
22	B065 2399	Joint - Toner Separation	1
23	B065 2406	Toner Separation Shutter	1
24	AD04 3078	Toner Collection Coil	1
25	B070 9510	OPC Drum	1
26	B065 1957	Shield Glass Cover	1
29	AA13 2208	Spacer - M6	2
32	B110 2261	PCU Lower Ass'y (B064/B065)	1
32	B140 2260	PCU:Lower:C2:Ass'y (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0354 0080N	Screw - M4X8	
102	0452 3008N	Tapping Screw - M3x8	
103	0951 3006N	Philips Screw With Flat Washer - M3x6	
104	0451 4008N	Philips Tapping Screw - M4x8	
105	0720 0040E	Retaining Ring - M4	
106	1105 0534	Clamp	

37.PCU 3

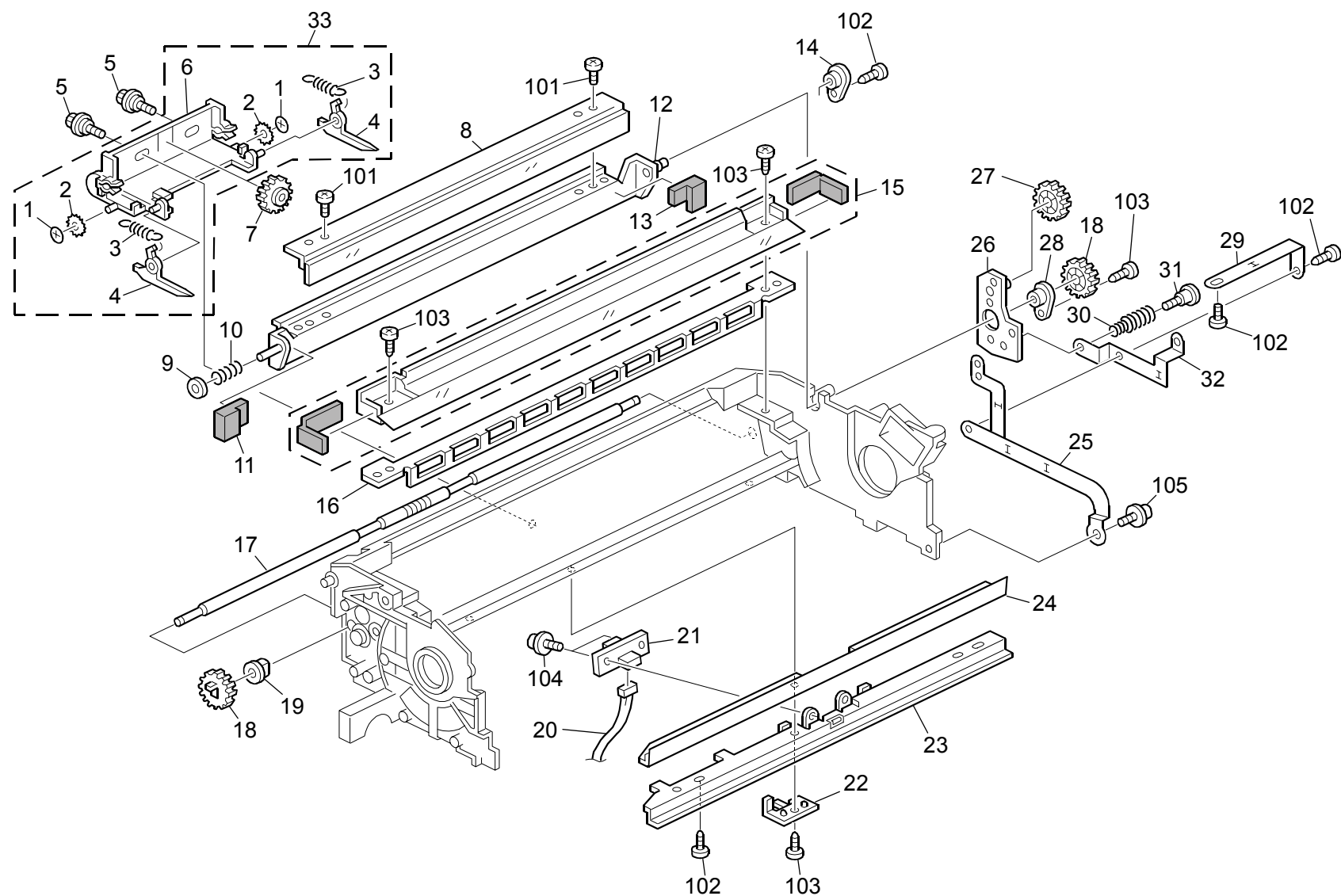


37.PCU 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	B110 2326	Toner Collection Coil	1
2	B110 2322	Agitator Shaft	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	AD04 2038	Cleaning Brush	1
8	B065 2366	Front Shaft	1
9	AA13 2024	Spacer - M6	1
10	AA08 2101	Bushing - 6x10x6	1
11	AA08 2094	Bushing - Brush Roller	1
12	AA15 2431	Front Drum Seal	1
13	AA15 3085	Inner Case Seal	2
14	AA15 3088	Cleaning Entrance Seal - 3x345x2	1
15	B065 2300	Lower PCU Casing	1
16	B065 2353	Blade Bracket	1
17	AB01 1459	Toner Collection Coil Gear	1
18	A294 3572	Rear Drum Seal	1
19	B065 2413	Entrance Transfer Stay (B064/B065)	1
19	B140 2413	Entrance Transfer Stay Ass'y (B140/B141/B142/B143/B163/B228)	1
20	AB01 7612	Gear	1
21	AB01 1460	Idler Gear	1
22	B065 2427	Cam - Blade	1
23	B140 2382	Pre-transfer Lamp Case Ass'y (B140/B141/B142/B143/B163/B228)	1
24	B140 2421	Pre-transfer Lamp Harness Plate (B140/B141/B142/B143/B163/B228)	1
25	5206 2684	Shoulder Screw - M3	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006N	Philips Screw With Flat Washer - M3x6	
102	0452 3008N	Tapping Screw - M3x8	
103	0452 3010N	Tapping Bind Screw - M3x10	
104	0720 0040E	Retaining Ring - M4	
105	0951 3008N	Philips Screw With Flat Washer - M3x8	

38.PCU 4

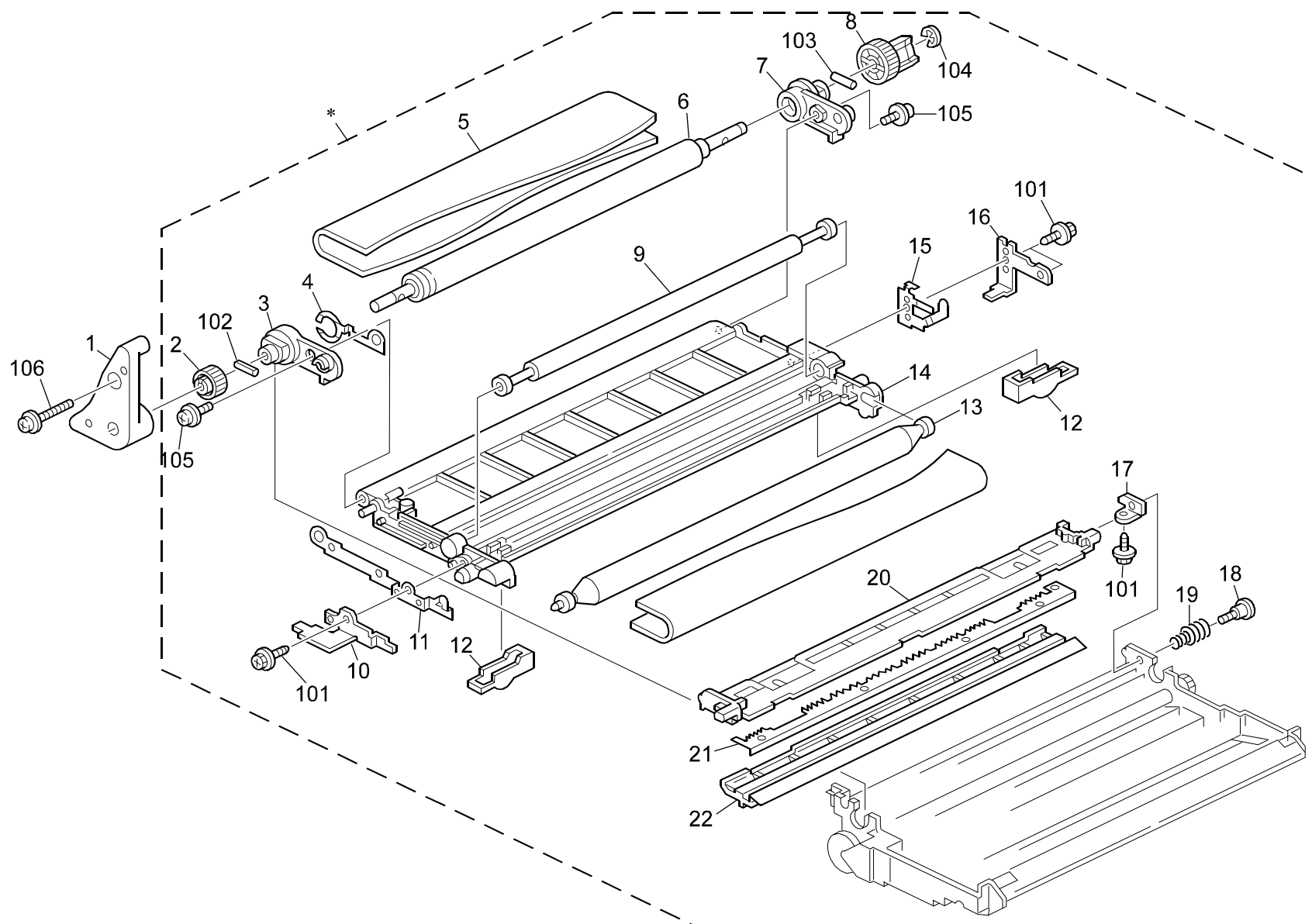


38.PCU 4

Index No.	Part No.	Description	Q'ty Per Assembly
1	G020 3566	Nut - 2.4mm	2
2	A048 2276	Ring - Transport Bracket	2
3	AA06 0892	Pick-off Pawl Spring	2
4	AD02 5024	Pick-off Pawl	2
5	AA14 3523	Shoulder Screw - M3	2
6	B065 2337	Pick-off Pawl Holder	1
7	AB01 7611	Pick-off Pawl Cam	1
8	AD04 1083	Cleaning Blade	1
9	AA13 2208	Spacer - M6	1
10	AA06 3610	Spring - 4060mN	1
11	B065 2316	Front Blade Seal	1
12	B065 2314	Blade Bracket	1
13	B065 2317	Rear Blade Seal	1
14	AA08 2120	Bushing	1
15	B065 2386	Middle PCU Casing	1
16	B065 2389	Shaft Bracket	1
17	B065 2342	Pick-off Pawl Shaft	1
18	AB01 1459	Toner Collection Coil Gear	2
19	AA08 2101	Bushing - 6x10x6	1
20	B065 2495	Lower PCU Harness (B064/B065)	1
20	B140 2495	Harness - PCU Lower (B140/B141/B142/B143/B163/B228)	1
21	A134 5251	ID Sensor	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	B065 2344	Pick-off Pawl Bracket	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
31	AA14 3432	Stepped Screw - M3	1
32	B065 2358	Bracket Grounding Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	B065 2336	Pickoff Pawl:Drum:Ass'y (B140/B141/B142/B143/B163/B228)	1
101	0314 0060N	Philips Pan Head Screw - M4x6	
102	0452 3008N	Tapping Screw - M3x8	
103	0452 3010N	Tapping Bind Screw - M3x10	
104	0951 3006N	Philips Screw With Flat Washer - M3x6	
105	0951 3008N	Philips Screw With Flat Washer - M3x8	

39.TRANSFER BELT UNIT 1

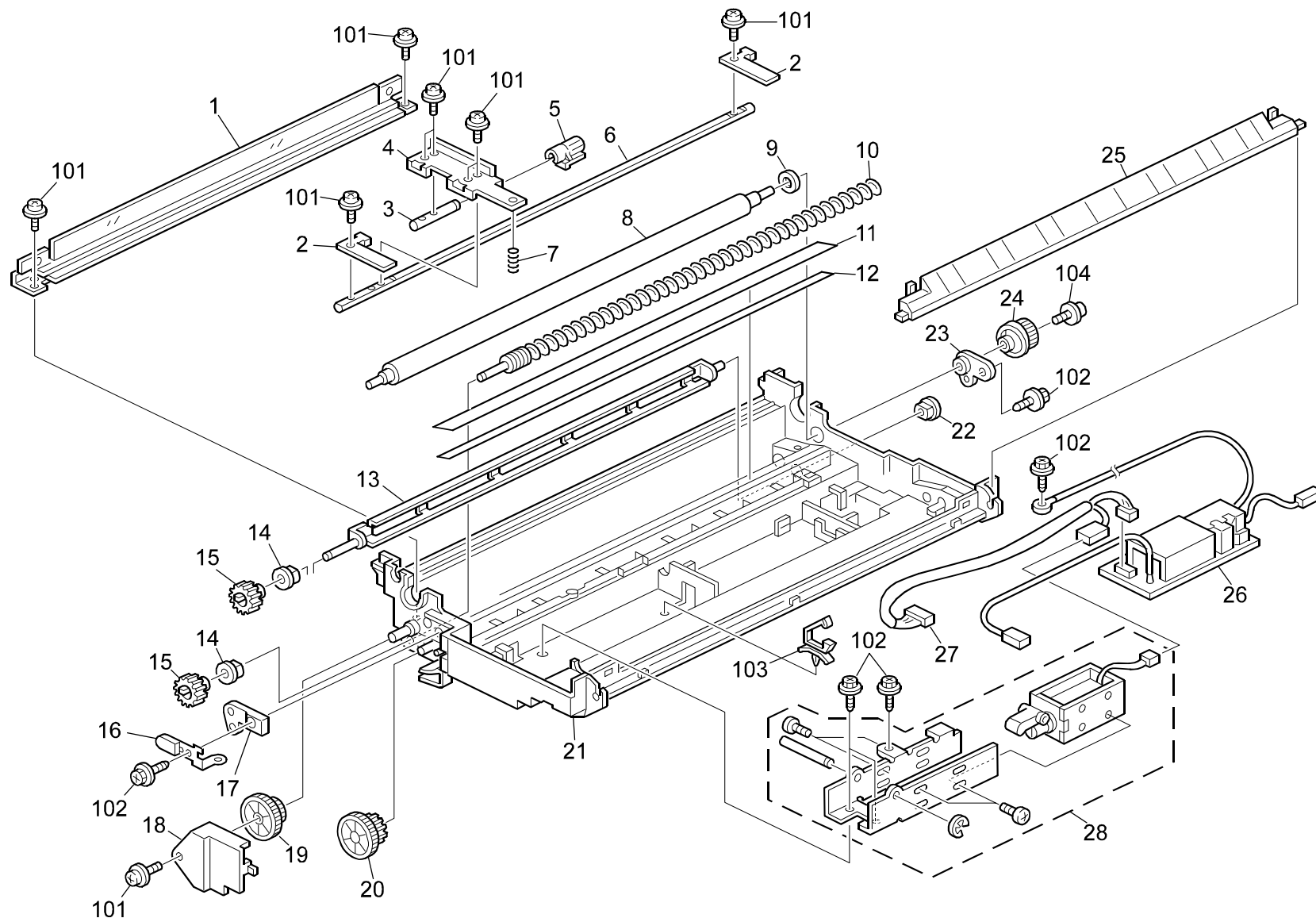


39.TRANSFER BELT UNIT 1

Index No.	Part No.	Description	Q'ty Per Assembly
*	B065 3850	Transfer Unit (B064/B065)	1
*	B140 3850	Transfer Unit:EXP:Ass'y (B140/B141/B142/B143/B163/B228)	1
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 (A292/A293/B098)	1
6	B065 3866	Drive Roller	1
7	A229 3862	Rear Arm	1
8	B065 3872	Transfer Unit Joint	1
9	B065 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	B065 3865	Transfer Belt Frame	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	Philips Screw With Flat Washer - M3x8	
106	0951 4014N	Philips Screw With Washer - M4x14	

40.TRANSFER BELT UNIT 2

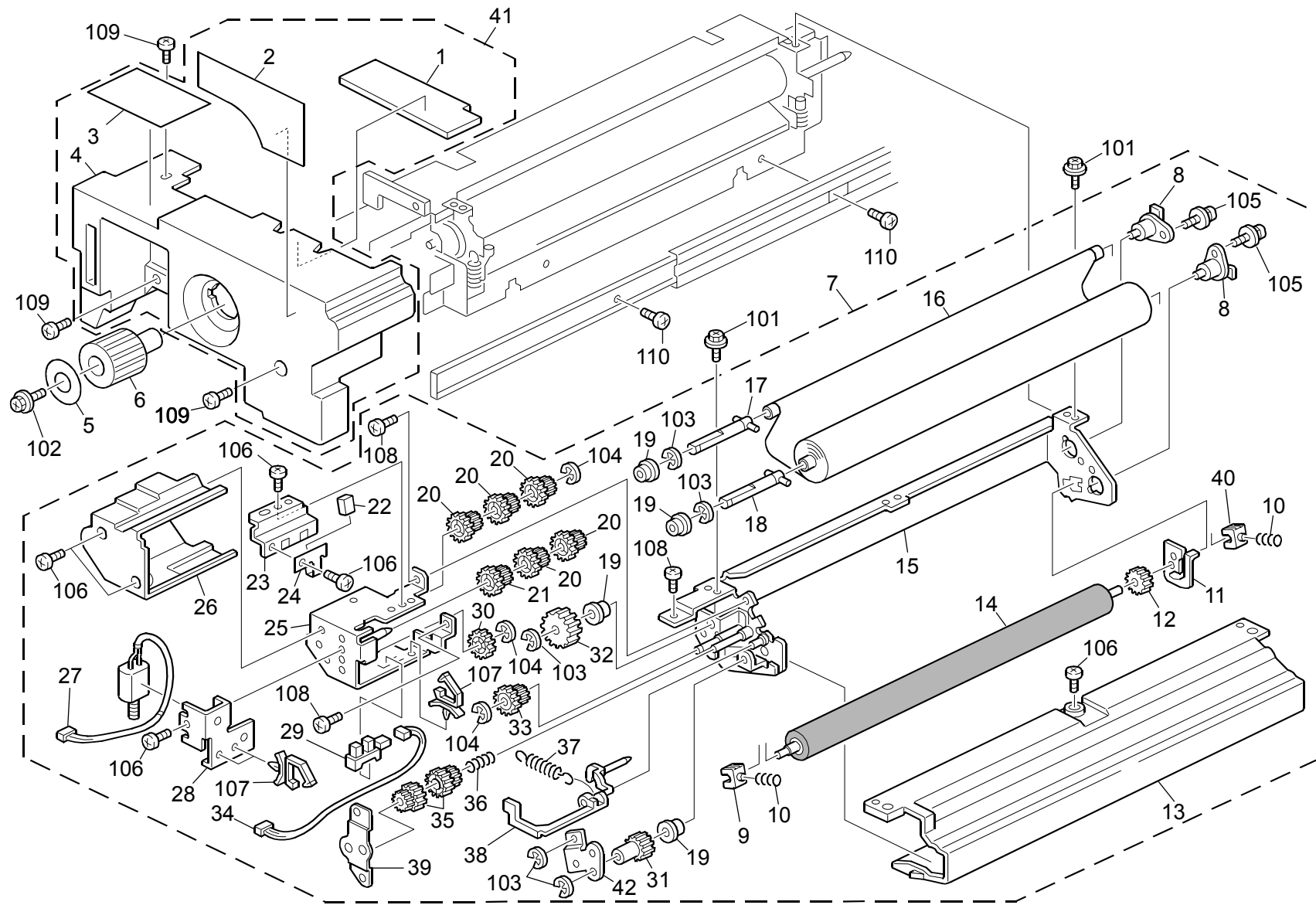


40.TRANSFER BELT UNIT 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	AD04 1076	Cleaning Roller Cleaning Blade	1
2	B065 3962	Spring Plate	2
3	B065 3965	Lever Shaft	1
4	B065 3963	Lever	1
5	B065 3964	Bushing	1
6	B065 3961	Shaft	1
7	AA06 3877	Spring	1
8	A293 3916	Cleaning Roller - Transfer Belt	1
9	AA13 2024	Spacer - M6	1
10	B065 3911	Toner Collection Coil - Transfer	1
11	AD04 7025	Exit Seal	1
12	A229 3934	Tape	1
13	B065 3914	Transfer 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	B065 3906	Transfer Unit Casing	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 0107	Transfer Power Pack	1
27	B065 3976	Transfer Harness	1
28	B065 3966	Solenoid	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006N	Philips Screw With Flat Washer - M3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	1105 0487	Harness Clamp	
104	0951 3004P	Philips Screw With Flat Washer - M3	

41.FUSING UNIT 1

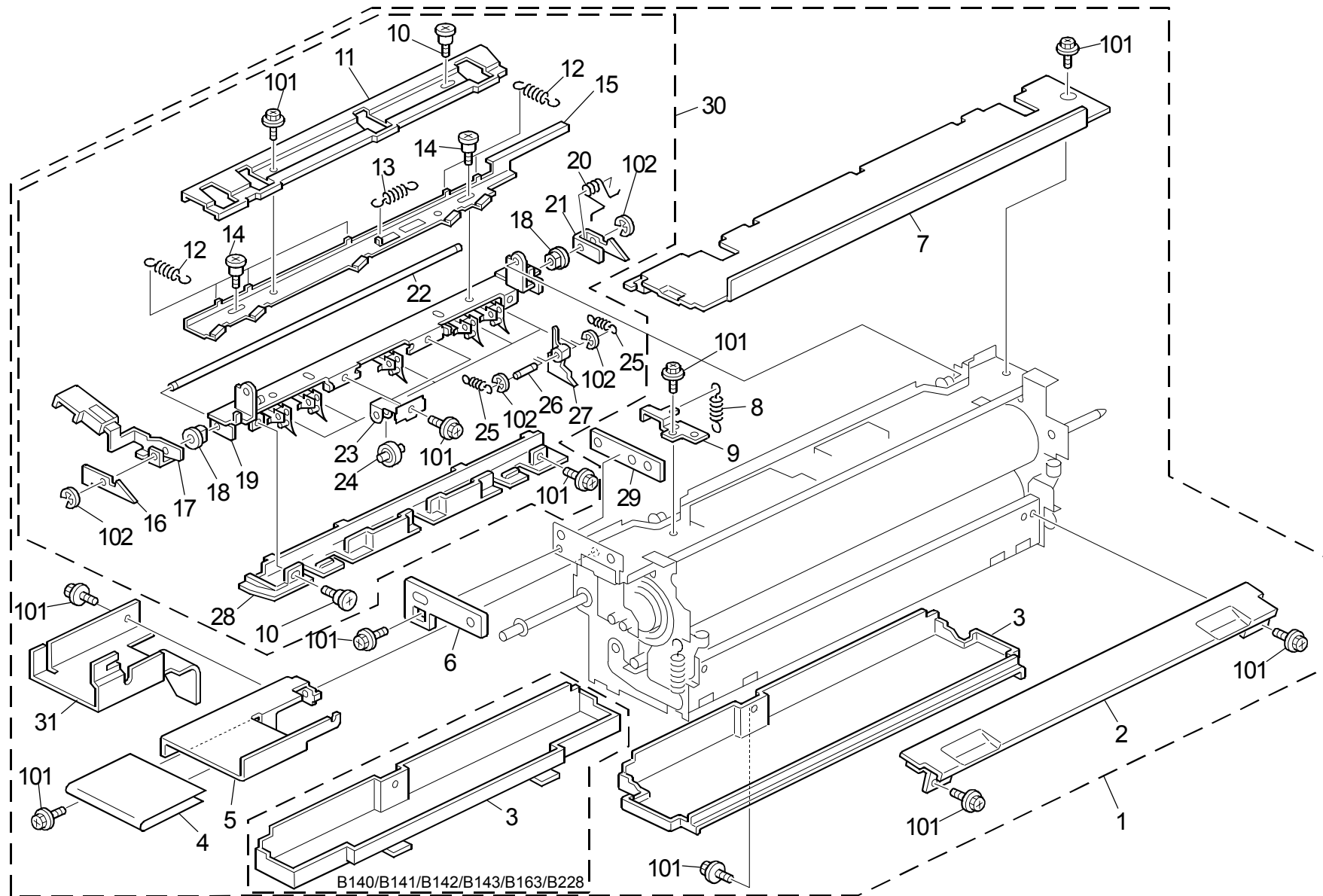


41.FUSING UNIT 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4255	Insulator	1
2	B065 4274	Decal - Misfeed Removal	1
2	B065 4253	Decal - Misfeed Removal (KOR)	1
2	B065 4256	Decal - Misfeed Removal (CHN)	1
2	B065 4257	Decal - Misfeed Removal (TWN)	1
3	B065 4481	Decal - Exit	1
4	B065 4268	Fusing Inner Cover	1
5	B065 4167	Decal - Fusing Knob	1
6	AG05 0092	Knob:Fusing (B064/B065)	1
6	AG05 0098	Knob:Fusing (B140 Series)	1
7	B065 4200	Web Unit (B064/B065)	1
7	B140 4093	Cleaning Unit:Hot Roller:Ass'y (B140 Series)	1
8	B065 4207	Web Shaft	2
9	AE03 1026	Bushing - Oil Supply Roller (B064/B065)	1
9	B140 4191	Front Oil Supply Bushing (B140 Series)	1
10	AA06 3886	Spring	2
11	B140 4209	Bracket:Stopper:Ass'y	1
12	B065 4211	Pressure Roller Gear	1
13	B065 4217	Web Bracket (B064/B065)	1
13	B140 4193	Cleaning Unit Cover (B140 Series)	1
14	AE04 0038	Cleaning Web Pressure Roller (B064/B065)	1
14	B140 4182	Pressure Roller:Cleaning Felt (B140 Series)	1
15	B065 4202	Web Bracket	1
16	AE04 5046	Cleaning Web (B064/B065)	1
16	B140 4181	Cleaning Felt Roller Ass'y (B140 Series)	1
17	B065 4242	Rolling Drive Gear	1
18	B065 4239	Web Drive Shaft	1
19	AE03 1036	Bushing - 6mm	4
20	B065 4222	Gear - 37Z	5
21	B065 4241	Gear	1
22	B065 4247	Brake Pad	1
23	B065 4232	Feeler Guard Bracket	1
24	B065 4246	Spring Plate (B064/B065)	1
24	B140 4190	Brake Spring Plate (B140 Series)	1

Index No.	Part No.	Description	Q'ty Per Assembly
25	B065 4226	Drive Bracket (B064/B065)	1
25	B140 4188	Drive Bracket Ass'y (B140 Series)	1
26	B065 4231	Web Cover	1
27	AX04 0136	Cleaning Motor	1
28	B065 4225	Motor Plate Bracket	1
29	AW02 0120	Photointerruptor - Flat	1
30	B065 4223	Motor Gear	1
31	B065 4244	Gear - 23Z	1
32	B065 4238	Gear - 50Z	1
33	B065 4235	Web Idle Gear	1
34	B065 4248	Web Harness	1
35	B065 4234	Stopper Gear	2
36	AA06 3851	Pressure Spring	1
37	B065 4221	Feeler Spring	1
38	B065 4219	Web End Feeler (B064/B065)	1
38	B140 4195	Feeler:Oil End Sensor (B140 Series)	1
39	B065 4251	Positioning Plate - Web Unit	1
40	B065 4210	Rear Bushing - Oil Supply Roller (B064/B065)	1
40	B140 4192	Inner Back:Oil Supply Bushing (B140 Series)	1
41	B140 4266	Inner Cover:Fusing:EXP:Ass'y (B140 Series)	1
42	B140 4187	Cleaning Unit Drive Positioning Plate (B140 Series)	1
101	0360 4006N	Hexagonal Head Screw - M4x6	
102	0951 4008N	Philips Screw With Washer - M4x8	
103	0720 0040E	Retaining Ring - M4	
104	0720 0030E	Retaining Ring - M3	
105	0954 4008N	Philips Screw - M4x8	
106	0353 0060N	Philips Pan Head Screw - M3x6	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	0354 0060N	Screw - M4X6	
109	0354 0080N	Screw - M4X8	
110	0453 3008N	Bind Tapping Screw - M3x8	

42.FUSING UNIT 2



42.FUSING UNIT 2

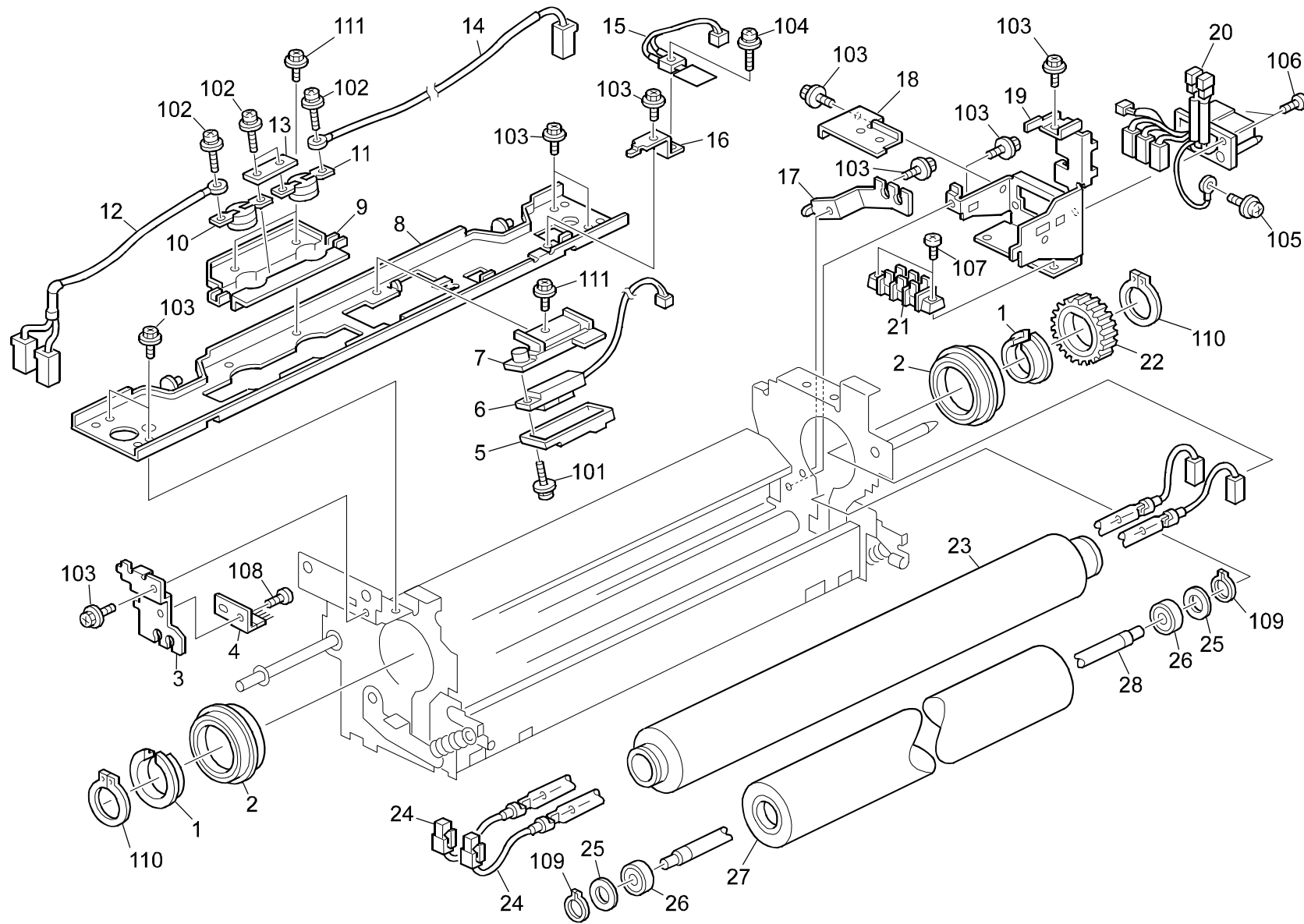
Rev. 11/14/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4022	Fusing Unit - 120V (B064/B065)	1
1	B065 4031	Fusing Unit - 230V (B064/B065)	1
1	B065 4021	Fusing Unit (TWN) (B064/B065)	1
1	B140 4001	Fusing Unit:NA:Ass'y (B140/B141/B142/B143/B163/B228)	1
1	B140 4002	Fusing Unit:EU:Ass'y (B140/B141/B142/B143/B163/B228)	1
2	B065 4133	Lower Fusing Entrance Plate - 120V (B064/B065)	1
2	B065 4135	Lower Fusing Entrance Plate - 230V (B064/B065)	1
2	B140 4131	Fusing Entrance Guide Plate (B140/B141/B142/B143/B163/B228)	1
2	B140 4135	Fusing Entrance Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	1
3	B065 4116	Lower Fusing Cover (B064/B065)	1
3	B140 4203	Lower Fusing Cover (B140/B141/B142/B143/B163/B228)	1
4	B065 4138	Side Plate Cover	1
5	B065 4175	Front Fusing Grip (B064/B065)	1
5	B140 4174	Grip:Fusing Unit:Front:Ass'y (B140/B141/B142/B143/B163/B228)	1
6	B065 4176	Grip Sheet	1
7	B110 4117	Upper Fusing Cover (B064/B065)	1
7	B140 4117	Upper Fusing Cover Ass'y (B140/B141/B142/B143/B163/B228)	1
8	AA06 0894	Spring	1
9	B065 4185	Exit Plate	1
10	AA14 3037	Development Cover Screw (B064/B065/B140/B142/B163)	2
10	AA14 3810	Development Cover Screw (B142/B143/B228)	2
11	B065 4398	Slider Cover	1
12	AA06 0539	Stripper Pawl Spring	5
13	AA06 0916	Slider Spring	1
14	H084 1501	Trast Screw	2

Index No.	Part No.	Description	Q'ty Per Assembly
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	B110 4391	Guide Plate Bracket	1
20	AA06 6352	Spring	1
21	B065 4189	Rear Lock Pawl	1
22	AA14 0824	Stripper Pawl Release Shaft	1
23	A096 4319	Exit Roller Holder (B064/B065)	2
23	B140 4141	Fusing Exit Roller Holder (B140/B141/B142/B143/B163/B228)	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 (B064/B065)	5
27	AE04 4060	Stripper Pawls (B140/B141/B142/B143/B163/B228)	5
28	B065 4390	Fusing Exitguide Plate (B064/B065)	1
28	B140 4234	Upper Fusing Exit Guide Plate (B140/B141/B142/B143/B163/B228)	1
29	B065 4129	Side Plate Sheet	1
30	B140 4080	Stripper Pawls Open And Close Ass'y (B140/B141/B142/B143/B163/B228)	1
31	B140 4113	Bracket:Cover:Connector:Ass'y (B140/B141/B142/B143/B163/B228)	1
101	0360 4006N	Hexagonal Head Screw - M4x6	
102	0720 0030E	Retaining Ring - M3	

43.FUSING UNIT 3 (B064/B065)

Rev. 02/15/2005

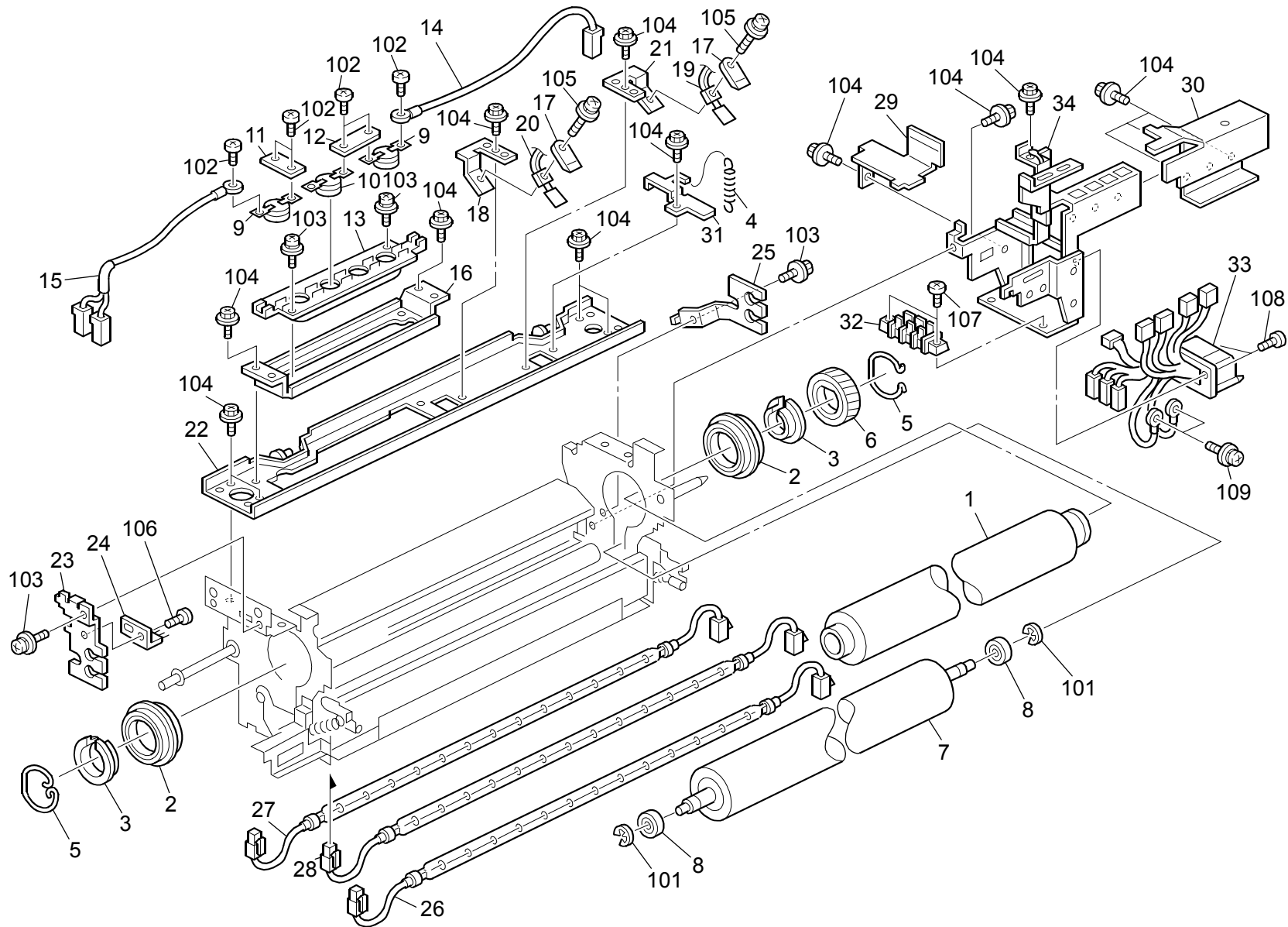


43.FUSING UNIT 3 (B064/B065)

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	B065 4142	Upper Fusing Stay	1
9	B065 4127	Thermostat Housing	1
10	AW11 0026	Thermostat - 180 ° C	1
11	AW11 0027	Thermostat - 179 ° C	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	2
24	AX44 0164	Fusing Lamp - 230V 550W	2
25	B065 4180	Spacer - 16mm	2
26	AE03 0018	Ball Bearing - 12x28x8	2
27	AE02 0112	Pressure Roller	1
28	AA14 0823	Pressure Roller Shaft	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0954 3012N	Screw - M3X12	
102	0954 3006N	Screw - M3X6	
103	0360 4006N	Hexagonal Head Screw - M4x6	
104	0954 3010N	Philips Screw - M3x10	
105	0951 3005N	Philips Screw With Flat Washer M3x5	
106	0313 0080N	Philips Pan Head Screw - M3x8	
107	0314 0120N	Philips Pan Head 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	0954 4006N	Screw - M4X6	

44.FUSING UNIT 3 (B140/B141/B142/B143/B163/B228)



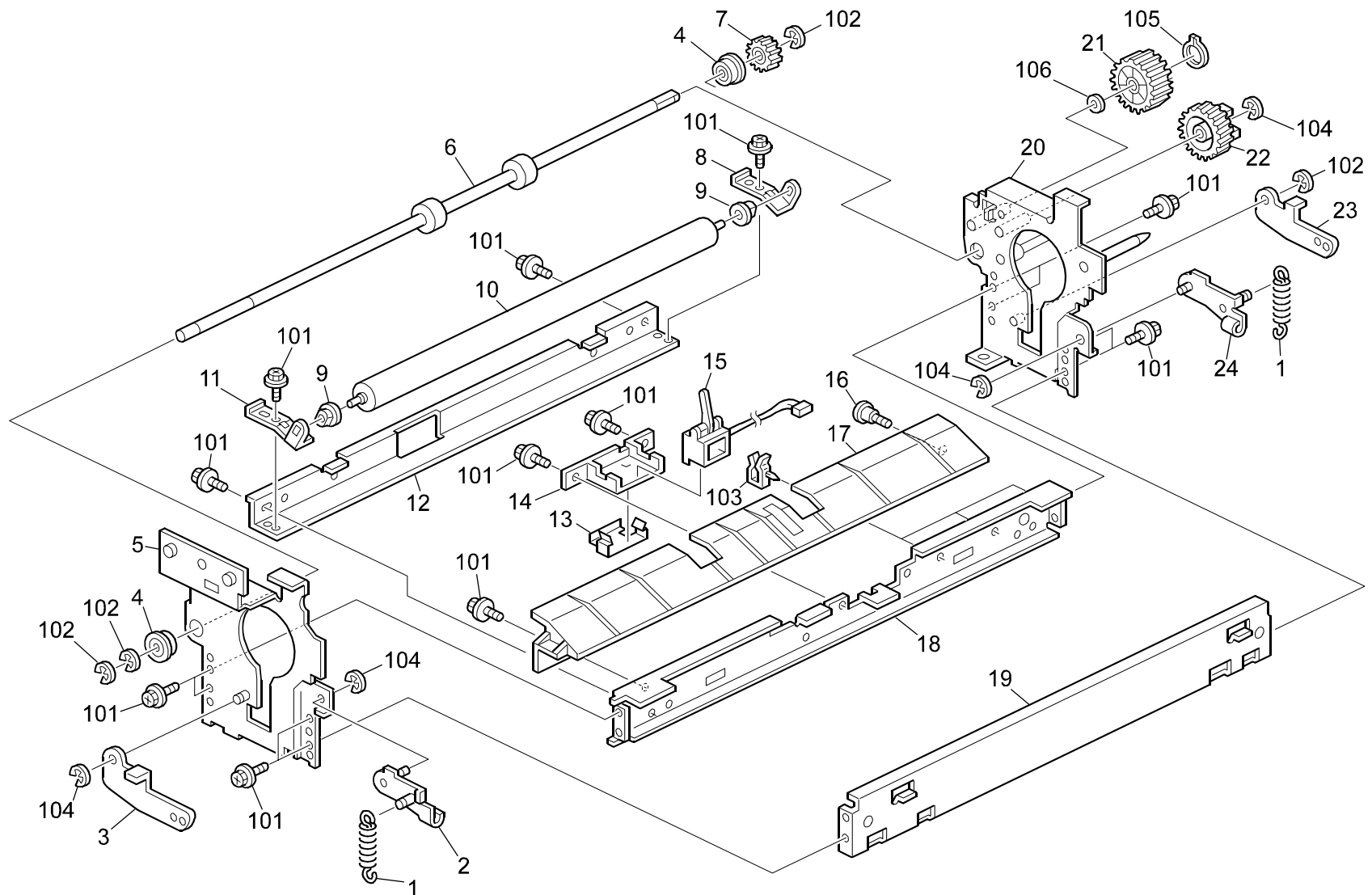
44.FUSING UNIT 3 (B140/B141/B142/B143/B163/B228)

Rev. 06/07/2006

Index No.	Part No.	Description	Q'ty Per Assembly
1	AE01 1095	Hot Roller - Mm40	1
2	AE03 0054	Ball Bearing - 40x52x7	2
3	AE03 2026	Thermal Insulating Bushing	2
4	AA06 0894	Spring	1
5	B140 4172	Hot Roller External Circlip	2
6	B140 4194	Gear - 40Z	1
7	AE02 0145	Pressure Roller - Mm40	1
8	AE03 0053	Ball Bearing - 8x19x6	2
9	AW11 0040	Thermostat - 192°C	2
10	AW11 0052	Thermostat: 211°C	1
11	B110 4223	Electrode Plate: Thermostat: Coupling	1
12	B140 4169	Thermostat Electrode Plate	1
13	B140 4128	Housing: Thermostat: EXP	1
14	B065 4151	Rear Harness	1
15	B140 4150	Harness: Front: EXP	1
16	B140 4144	Thermostat Bracket	1
17	B140 4179	Plate: Thermistor	1
18	B140 4197	Middle Thermistor Bracket	1
19	AW10 0109	Inner Back Fusing Thermistor [TSB#092]	1
20	AW10 0108	Thermistor - Center [TSB#092]	1
21	B140 4196	Inner Back Thermistor Bracket	1
22	B140 4142	Upper Stay Ass'y	1
23	B140 4171	Front Heater Holder	1
24	A413 1670	Antistatic Brush	1
25	B140 4170	Rear Heater Holder	1
26	AX44 0213	Heater: 120v: 550w	1
26	AX44 0216	Heater: 230v: 550w	1
27	AX44 0214	Heater: 120v: 650w	1
27	AX44 0217	Heater: 230v: 650w	1
28	AX44 0215	Heater: 120v: 280w: Auxiliary	1
28	AX44 0218	Heater: 230v: 280w: Auxiliary	1
29	B140 4159	Harness Plate	1
30	B140 4167	Connector Cover Bracket	1
31	B065 4185	Exit Plate	1
32	A247 4249	Connector - 3P	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	B140 4162	Harness: Fusing Unit:NA	1
33	B140 4164	Harness: Fusing Unit:EU	1
34	B140 4157	Drawer Bracket Ass'y	1
101	0720 0060E	Retaining Ring - M6	
102	0950 3006M	Philips Screw with Lock Washer	
103	0954 4008N	Philips Screw - M4x8	
104	0360 4006N	Hexagonal Head Screw - M4x6	
105	0954 3012N	Screw - M3X12	
106	0353 0050N	Philips Truss Head Screw - M3x5	
107	0354 0120N	Screw - M4X12	
108	0353 0080N	Screw - M3X8	
109	0954 3006N	Screw - M3X6	

45.FUSING UNIT 4 (B064/B065)



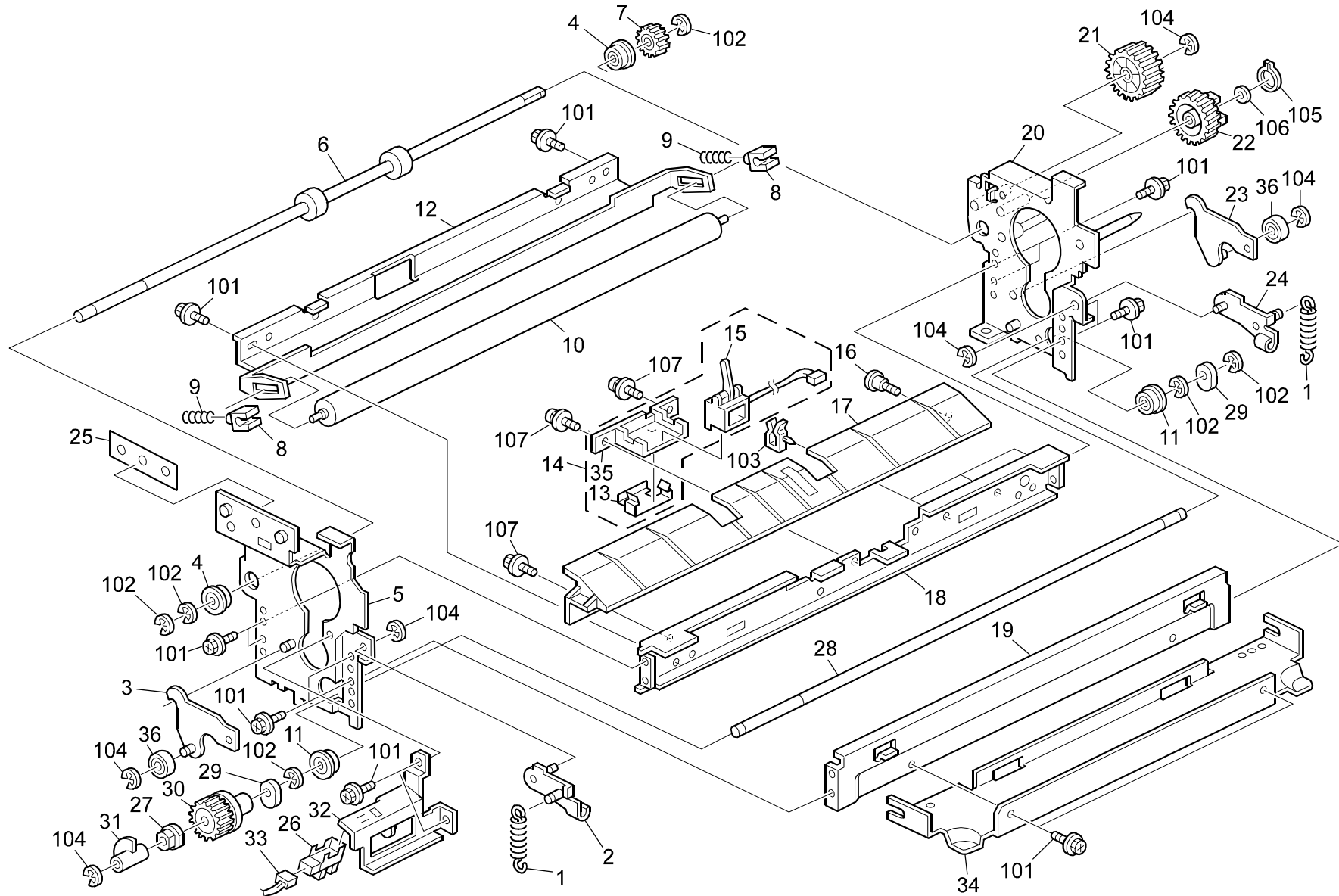
45.FUSING UNIT 4 (B064/B065)

Rev. 04/11/2008

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0893	Spring	2
2	B065 4145	Front Release Lever	1
3	B065 4177	Front Pressure Lever	1
4	A232 3566	Ball Bearing - 8x16x5	2
5	B065 4101	Front Side Plate	1
6	AF04 0055	Fusing Exit Roller	1
7	AB01 9479	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 0005	Reed Switch	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 4105	Rear Side Plate	1
21	AB01 2318	Idler Gear	1
22	AB01 2317	Fusing Drive Gear	1
23	B065 4178	Rear Pressure Lever	1
24	B065 4147	Rear Release Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 4006N	Hexagonal Head 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	

46.FUSING UNIT 4 (B140/B141/B142/B143/B163/B228)

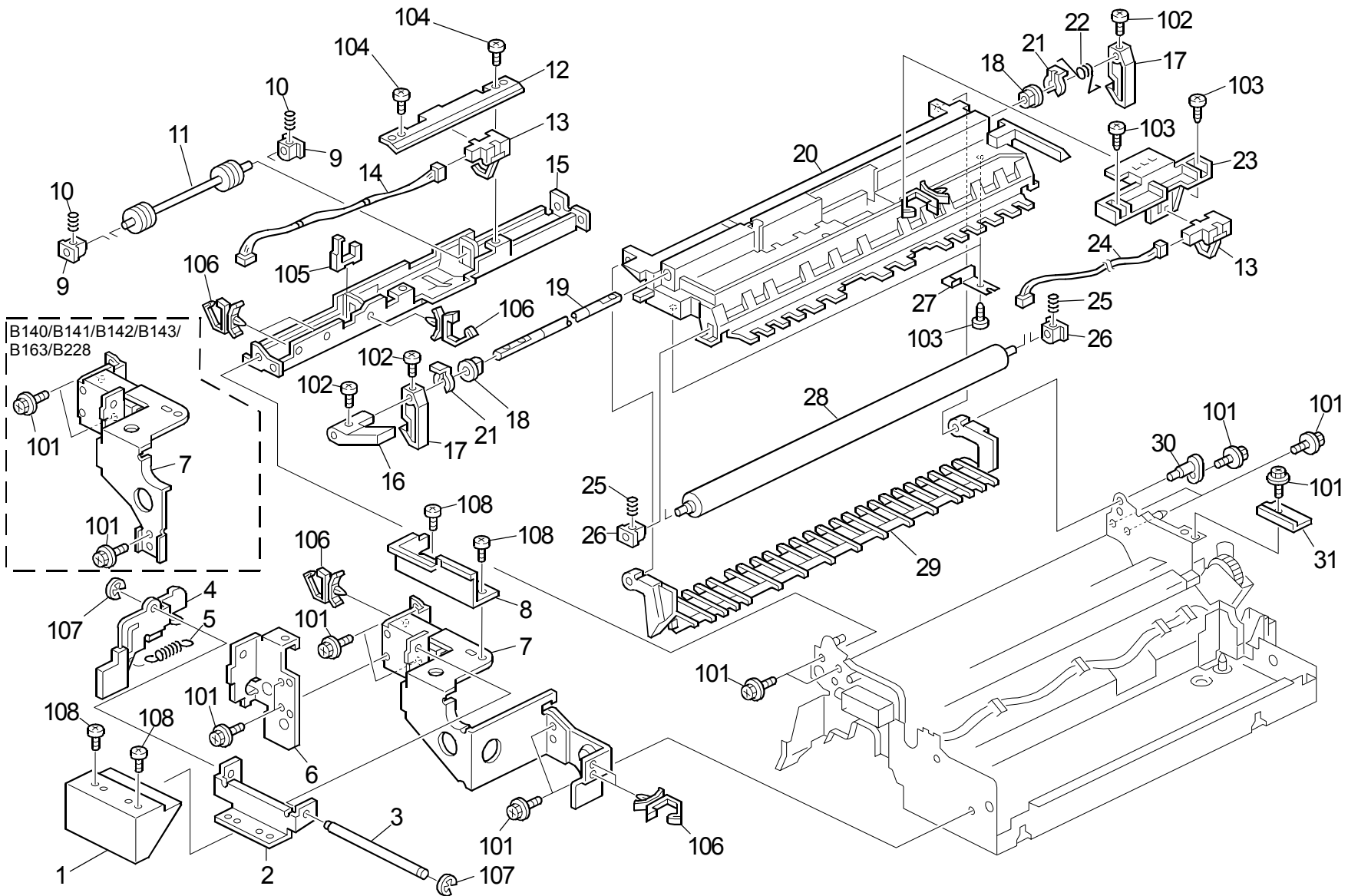


46.FUSING UNIT 4 (B140/B141/B142/B143/B163/B228)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0946	Pressure Tension Spring	2
2	B065 4145	Front Release Lever	1
3	B140 4228	Front Lever Ass'y	1
4	A232 3566	Ball Bearing - 8x16x5	2
5	B140 4101	Front Fusing Side Plateass'y	1
6	AF04 0055	Fusing Exit Roller	1
7	AB01 2319	Exit Gear	1
8	AE03 1026	Bushing - Oil Supply Roller	2
9	B140 4200	Pressure Cleaning Roller Spring	2
10	AE04 2066	Fusing Cleaning Roller	1
11	AE03 0056	Ball Bearing - 8x16x5	2
12	B140 4198	Fusing Cleaning Roller Bracket	1
13	B065 4141	Spring Plate - Switch	1
14	B065 4074	Exit Switch	1
15	AW20 0005	Reed Switch	1
16	AA14 3810	Development Cover Screw	1
17	B140 4140	Lower Fusing Exit Guide	1
18	B065 4114	Left Stay	1
19	B140 4112	Right Fusing Stay	1
20	B140 4105	Rear Fusing Side Plate Ass'y	1
21	AB01 2318	Idler Gear	1
22	AB01 2317	Fusing Drive Gear	1
23	B140 4229	Rear Lever Ass'y	1
24	B065 4147	Rear Release Lever	1
25	B065 4129	Sheet:Fiber:Side Plate	1
26	AW02 0056	Photointerruptor - Ee-sx4235a-p1	1
27	AA08 2117	Bushing - M6	1
28	B140 4254	Shaft - Turn	1
29	B140 4256	Pressure Release Eccentric Cam	2
30	B140 4264	Gear - 23Z	1
31	B140 4320	Sensor Feeler	1
32	B140 4258	Sensor Bracket Ass'y	1
33	B140 4498	Harness - Positioning Sensor	1
34	B140 4205	Pressure Oil Supply Roller Bracket	1
35	B065 4139	Switch Holder	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AE03 0055	Ball Bearing - 6x15x5	2
101	0360 4006N	Hexagonal Head 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	Philips Screw - M4x8	

47.PAPER EXIT SECTION 1

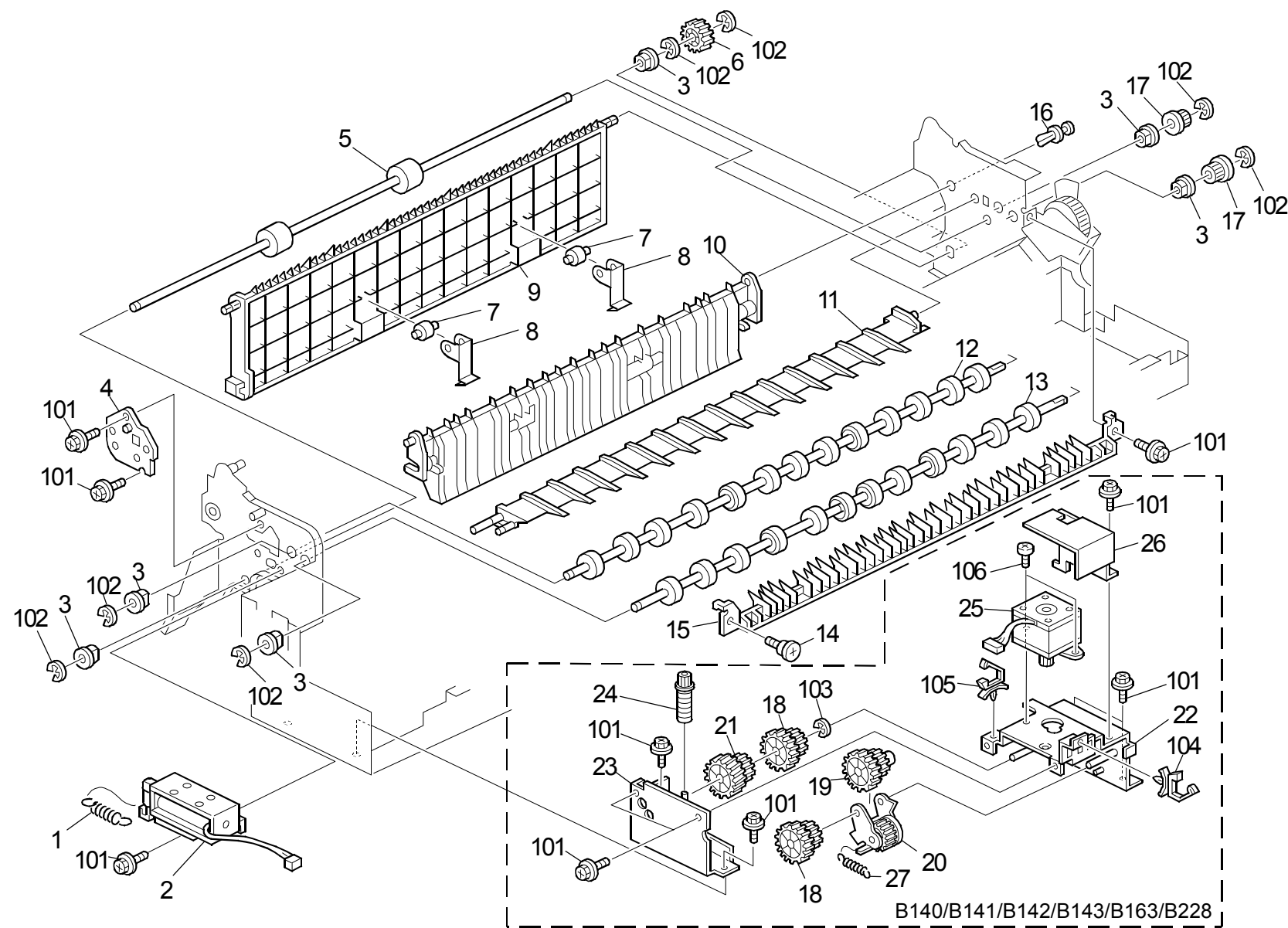


47.PAPER EXIT SECTION 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4258	Fusing Grip	1
2	B065 4262	Lock Lever Bracket	1
3	B065 4260	Lever Shaft	1
4	B065 4259	Lock Lever	1
5	AA06 0903	Spring	1
6	B065 4266	Lever Contact Bracket	1
7	B065 4470	Support Bracket (B064/B065)	1
7	B140 4470	Protect Bracket Ass'y (B140/B141/B142/B143/B163/B228)	1
8	B065 4273	Exit Grip Cover	1
9	AA08 0034	Bushing - 4x5x7	2
10	AA06 3577	Compression Spring	2
11	AF02 2126	Exit Roller - Driven	1
12	B065 4358	Paper Feed Sensor Bracket	1
13	AW02 0133	Photointerruptor	2
14	B065 4496	Relay Harness - Exit	1
15	B065 4354	Upper Exhaust Guide Plate (B064/B065)	1
15	B140 4354	Upper Exhaust Guide Plate (B140/B141/B142/B143/B163/B228)	1
16	B065 4363	Upper Grip	1
17	B065 4359	Grip Supporter	2
18	AA08 0184	Bushing - Fusing Exit	2
19	B065 4361	Grip Shaft	1
20	B065 4373	Upper Exit Guide Plate	1
21	5447 2681	Snap Ring	2
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	B065 4378	Driven Decura Roller	1
29	B065 4453	Middle Exit Guide Plate	1
30	B065 4381	Contact Point Shaft	1
31	B065 4154	Rear Fusing Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0353 0060N	Philips Pan Head 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	

48.PAPER EXIT SECTION 2



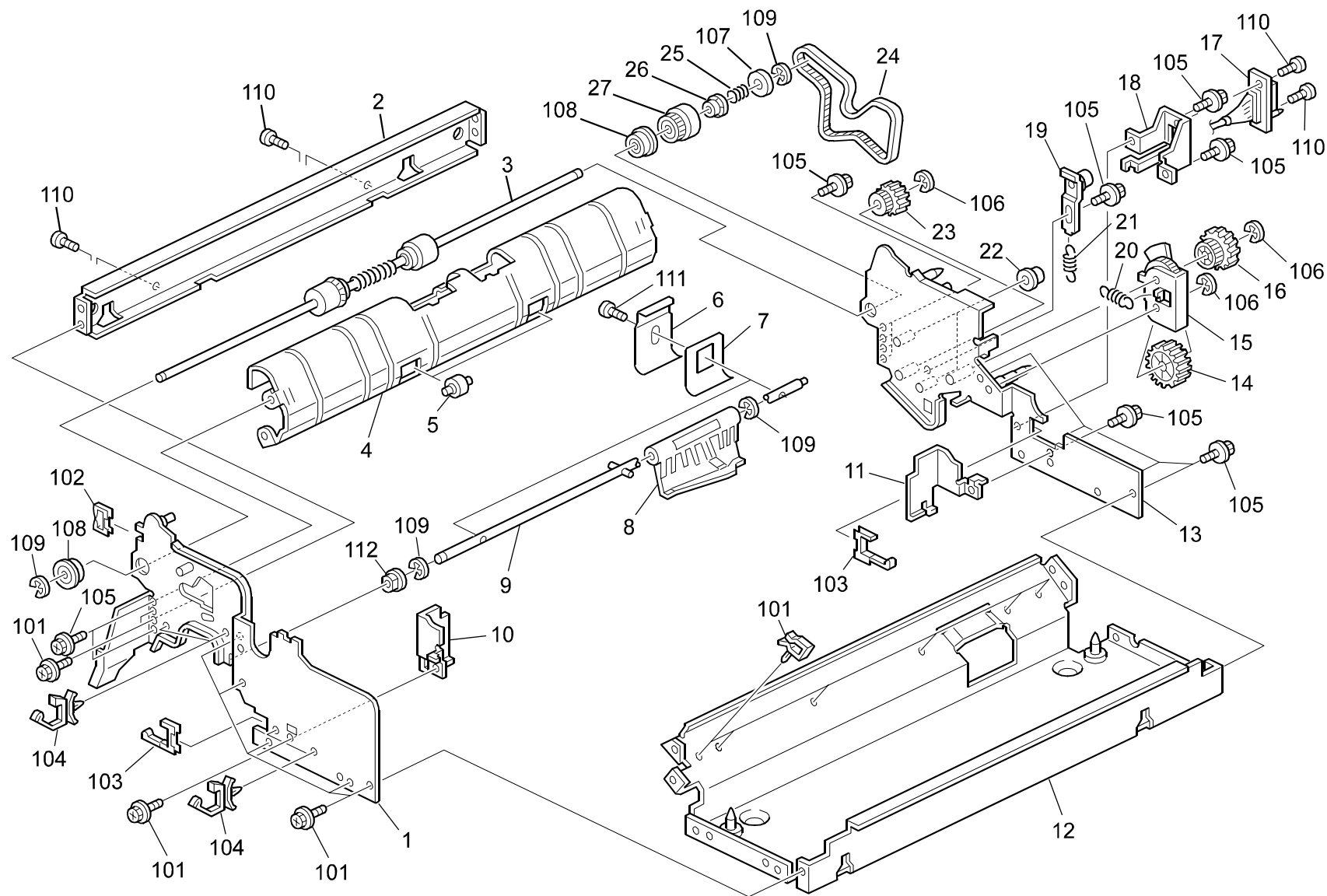
48.PAPER EXIT SECTION 2

Rev. 06/15/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA06 0902	Spring	1
2	B065 4415	Gate Pawl Solenoid	1
3	AA08 2117	Bushing - M6	6
4	B065 4441	Exit Drum Stay	1
5	AF02 0565	Inverter Roller	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	Exit Decura Roller (B064/B065)	1
12	AF02 0605	Exit Decura Roller (B140/B141/B142/B143/B163/B228)	1
13	AF02 0578	Entrance Decura Roller (B064/B065)	1
13	AF02 0604	Entrance Decura Roller (B140/B141/B142/B143/B163/B228)	1
14	A077 4162	Shoulder Screw - M3	1
15	B065 4254	Lower Entrance Guide Plate	1
16	A048 2838	Nylon Rivet	1
17	AB03 0578	Timing Pulley - 18Z	2
18	B140 4306	Gear - 21/35Z	2
19	B140 4304	Gear - 21/35Z	1
20	B140 4317	Gear - SWIVEL ASS'Y	1
21	B140 4322	Gear - 21/33Z	1
22	B140 4325	Drive Bracket Ass'y	1
23	B140 4329	Front Drive Bracket Ass'y	1
24	B140 4336	Gear - IDLER WORM GEAR	1
25	B247 4324	Stepper Motor DC3.4V	1
26	B140 4474	Heat Insulating Plate Bracket	1
27	B140 4300	Pressure Tension Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0720 0040E	Retaining Ring - M4	
103	0720 0060E	Retaining Ring - M6	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0516	Clamp	
106	0313 0060N	Philips Pan Head Screw - M3x6	

49.PAPER EXIT SECTION 3

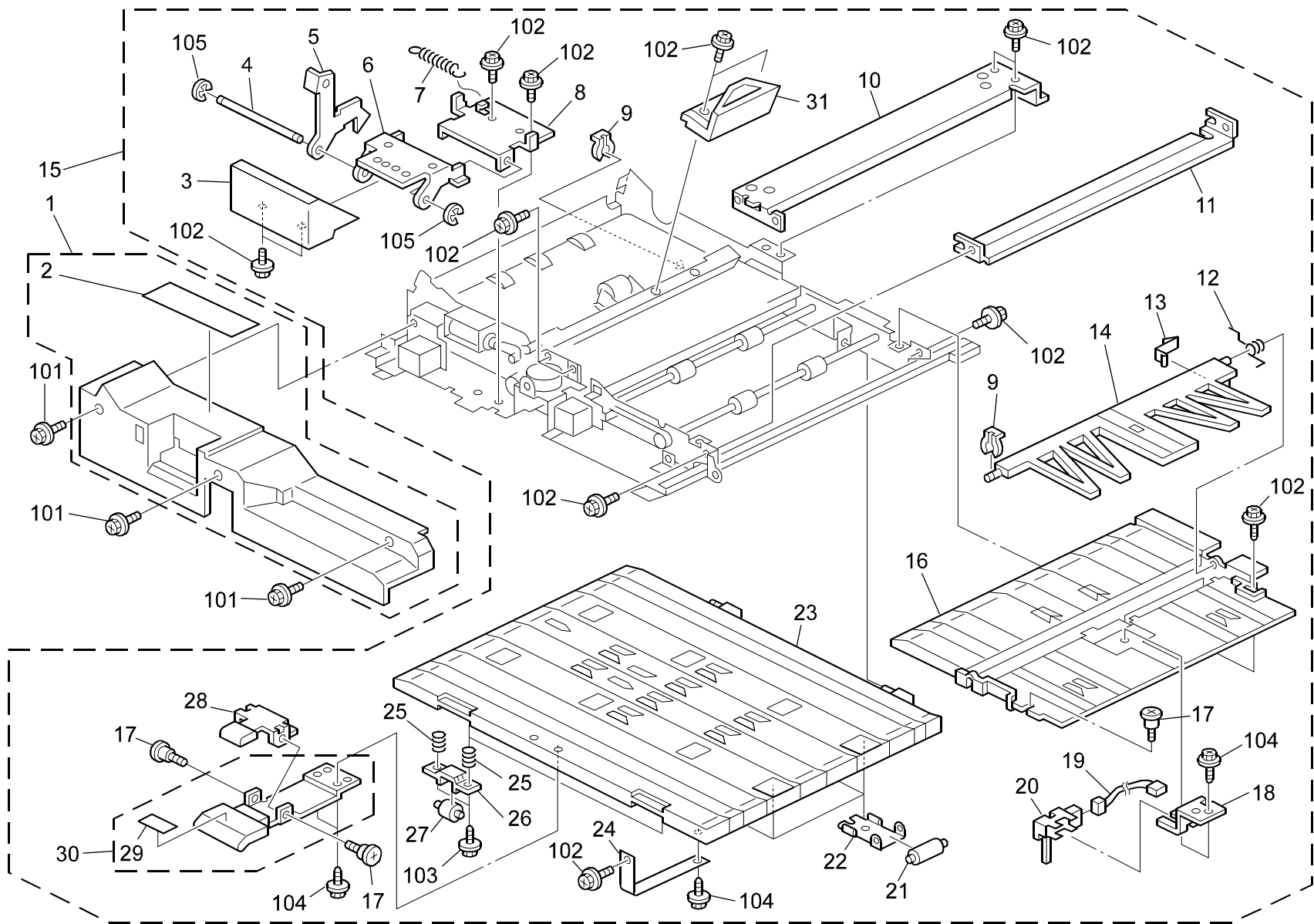


49.PAPER EXIT SECTION 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4429	Exit Front Side Plate	1
2	B065 4252	Left Exit Tray	1
3	AF02 0581	Exit Drive Roller	1
4	B065 4308	Left Release Guide Plate (B064/B065)	1
4	B140 4308	Left Reverse Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	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	B065 4421	Pressure Shaft	1
10	B065 4460	Front Harness Bracket	1
11	B065 4459	Rear Harness Bracket	1
12	B065 4249	Right Exit Stay	1
13	B065 4433	Exit Rear Side Plate	1
14	AB01 2031	Gear	1
15	B065 4400	Bracket	1
16	AB01 9197	Exit Gear	1
17	B065 4497	Exit Harness (B064/B065)	1
17	B140 4497	Harness - Paper Exit Unit Drawer (B140/B141/B142/B143/B163/B228)	1
18	B065 4458	Exit Drawer Bracket (B064/B065)	1
18	B140 4458	Exit Drawer Bracket (B140/B141/B142/B143/B163/B228)	1
19	B065 4315	Exit Tightener	1
20	H521 1336	Lock Spring	1
21	AA06 0718	Tension Spring	1
22	B065 4317	Idle Pulley - 11mm	2
23	AB01 9200	Gear	1
24	AA04 3290	Timing Belt (B064/B065)	1
24	AA04 3315	Timing Belt:S2m:40x426 (B140/B141/B142/B143/B163/B228)	1
25	A470 1704	Spring - Lower Exit Roller	1
26	A470 1703	Shift Clutch	1
27	AB03 0579	Timing Pulley - 27Z	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	Philips Tapping Screw - M4x8	
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	Bind Tapping Screw - M3x8	
111	0353 0060N	Philips Pan Head Screw - M3x6	
112	0805 3480	Bushing - 6mm	

50.DUPLEX UNIT 1

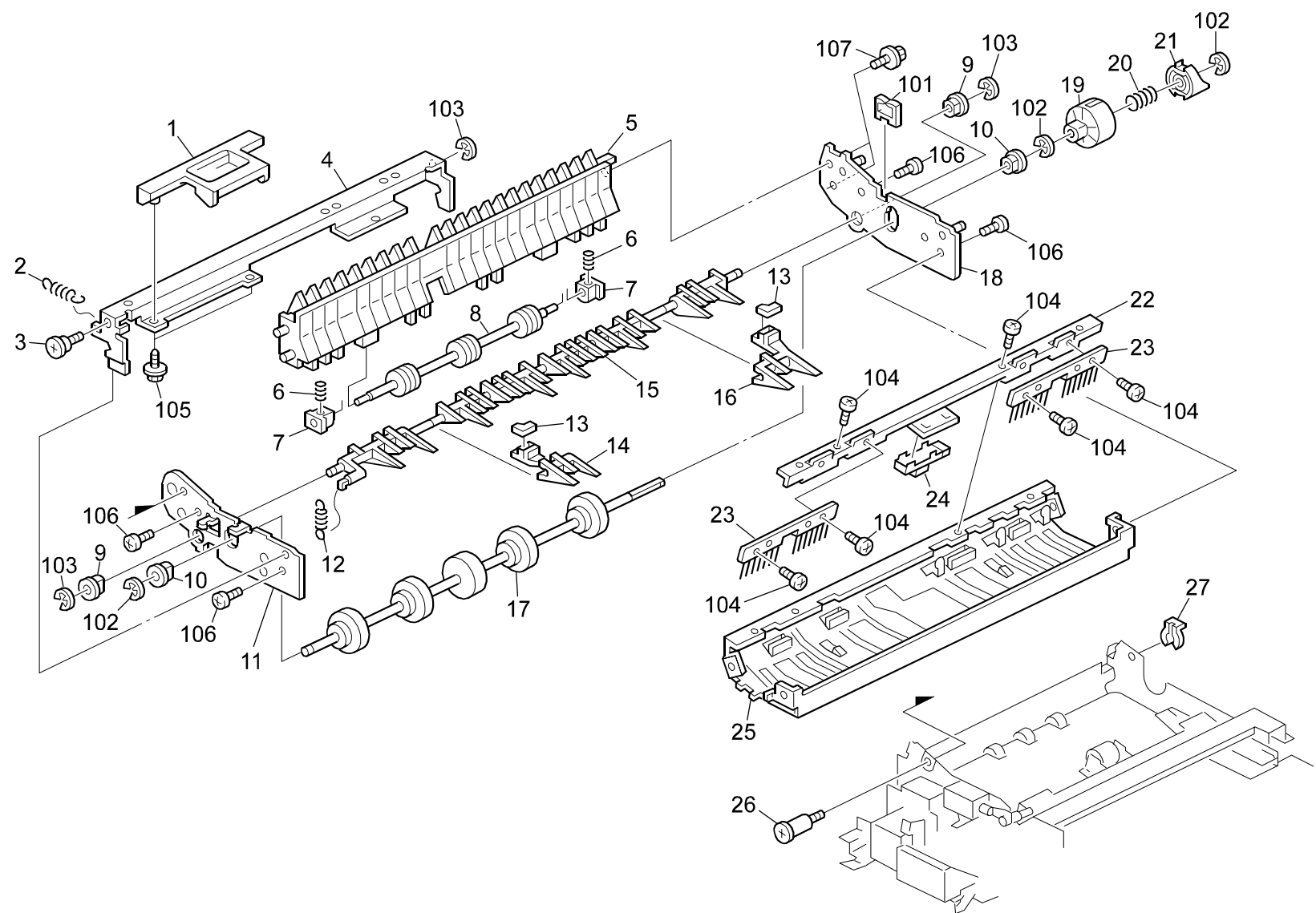


50.DUPLEX UNIT 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4525	Duplex Inner Cover	1
2	B065 4797	Caution Decal - Duplex	1
3	B065 4674	Release Grip	1
4	B065 4673	Release Lever Shaft	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	A229 4800	Exit Guide Plate (B064/B065)	1
11	B140 4800	Exit Duplex Guide Plate (B140/B141/B142/B143/B163/B228)	1
12	AA06 6353	Spring	1
13	B065 4728	Spring Plate - Right Table Guide	1
14	B065 4726	Right Guide Table	1
15	B065 4501	Duplex Unit (B064/B065)	1
15	B140 4500	Duplex Unit Ass'y (B140/B141/B142/B143/B163/B228)	1
16	B065 4725	Right Duplex Bracket	1
17	AA14 3811	Stepped Screw - M3X4	3
18	B065 4727	Right Sensor Bracket	1
19	A229 5442	Duplex Connecting Harness	1
20	AW02 0130	Photointerruptor	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
31	B065 4648	Lever Cam	1

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

51.DUPLEX UNIT 2

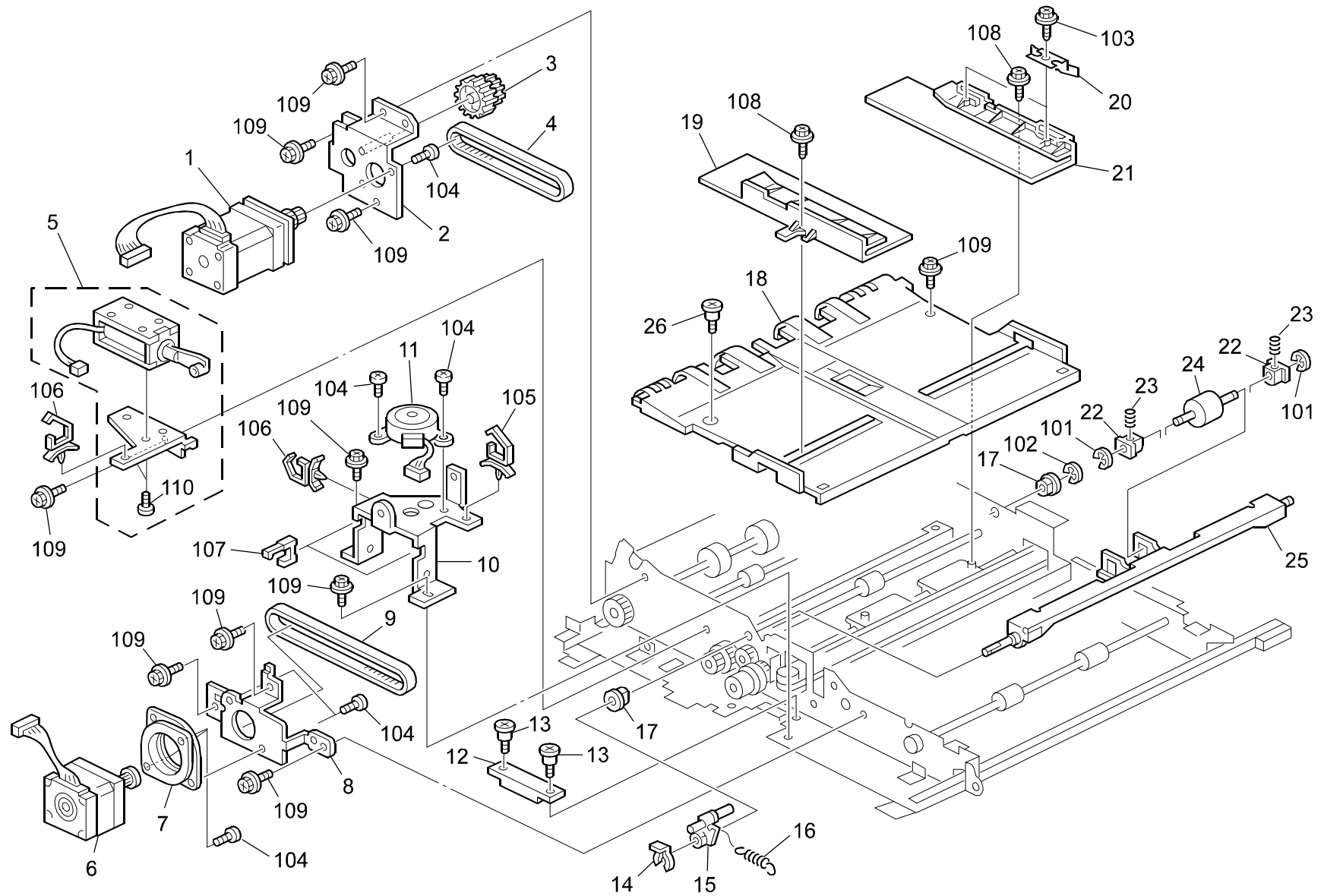


51.DUPLEX UNIT 2

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	Inverter Lever	1
5	A229 4623	Lower Entrance Guide Plate	1
6	AA06 3579	Compression Spring	2
7	AA08 0034	Bushing - 4x5x7	2
8	A229 4624	Duplex Driven Roller	1
9	AA08 2118	Bushing - M6	2
10	AA08 2116	Bushing - M8	2
11	B065 4627	Front Side Plate	1
12	AA06 0728	Tension Spring	1
13	A293 4615	Spacer	2
14	A293 4613	Front Gate Pawl	1
15	A293 4611	Reverse Roller	1
16	A293 4614	Rear Gate Pawl	1
17	AF02 1074	Entrance Inverter Roller	1
18	B065 4620	Rear Side Plate	1
19	B065 4632	Joint Holder	1
20	AA06 3582	Compression Spring	1
21	A229 4740	Drive Joint	1
22	B065 4644	Sensor Bracket	1
23	A229 4617	Duplex Discharge Brush	2
24	AW01 0058	Photosensor	1
25	B065 4640	Upper Entrance Guide Plate (B064/B065)	1
25	B140 4640	Upper Entrance Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	1
26	AA14 3426	Stopped Screw - M4x17	1
27	5447 2681	Snap Ring	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	Philips Truss Head Screw - M3x5	
105	0450 3008N	Tapping Screw - M3x8	
106	0354 0060N	Screw - M4X6	
107	0451 4008N	Philips Tapping Screw - M4x8	

52.DUPLEX UNIT 3

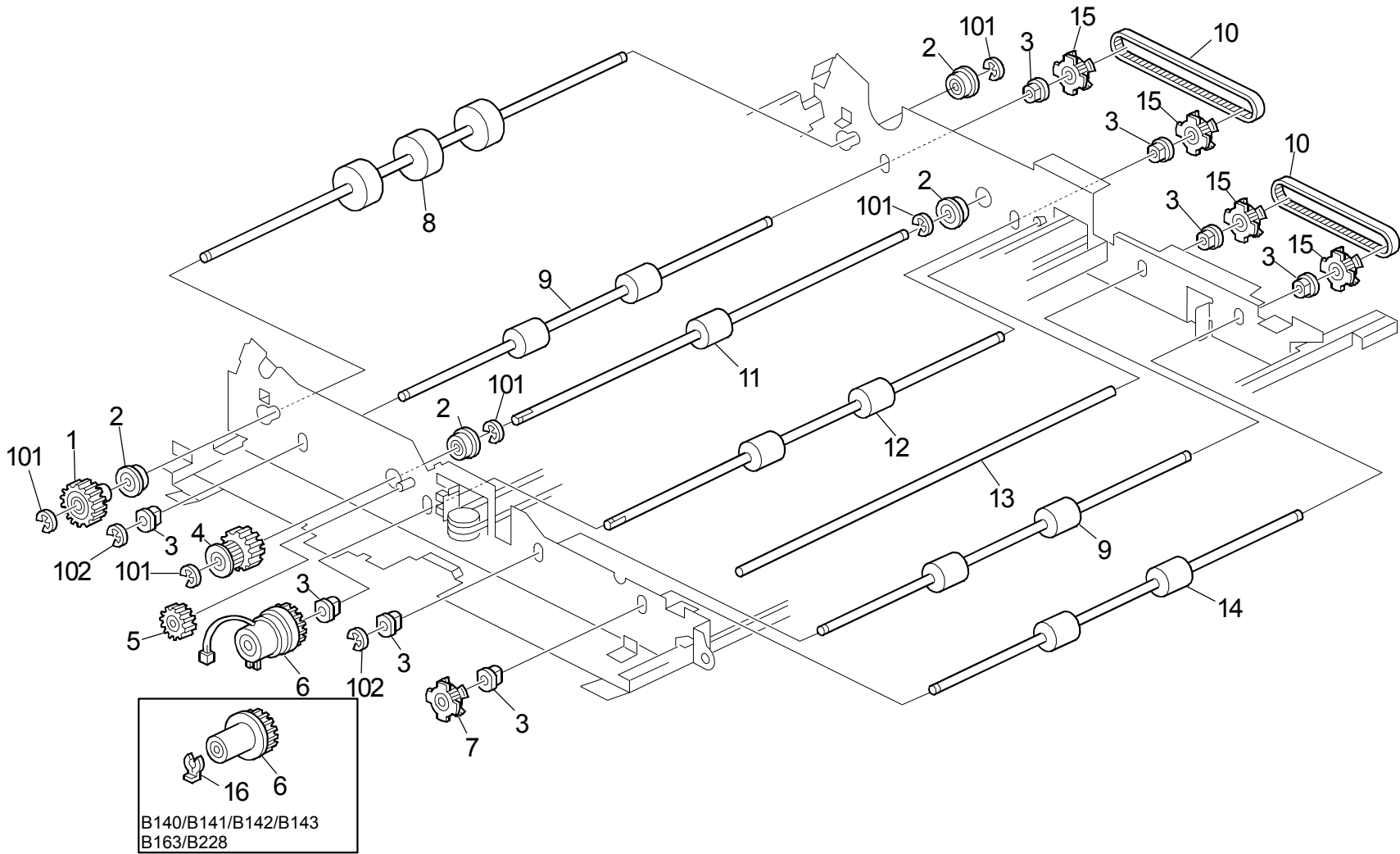


52.DUPLEX UNIT 3

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 4780	Reverse Motor	1
2	B065 4810	Reverse Motor Bracket	1
3	AB01 7616	Gear	1
4	AA04 3291	Timing Belt	1
5	B065 4745	Reverse Solenoid	1
6	B065 4785	Transport Motor	1
7	A232 4666	Cushion - Stepper Motor	1
8	B065 4789	Transport Motor Bracket	1
9	AA04 3292	Timing Belt	1
10	B065 4696	Jogger Motor Bracket	1
11	B065 4650	Jogger Motor	1
12	AA02 1025	Magnet Catch	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	AF02 0484	Driven Reverse Roller	1
25	B065 4655	Driven Reverse Bracket	1
26	AA14 3811	Stepped Screw - M3X4	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	Philips Truss Head 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	
110	0353 0040N	Screw - M3X4	

53.DUPLEX UNIT 4

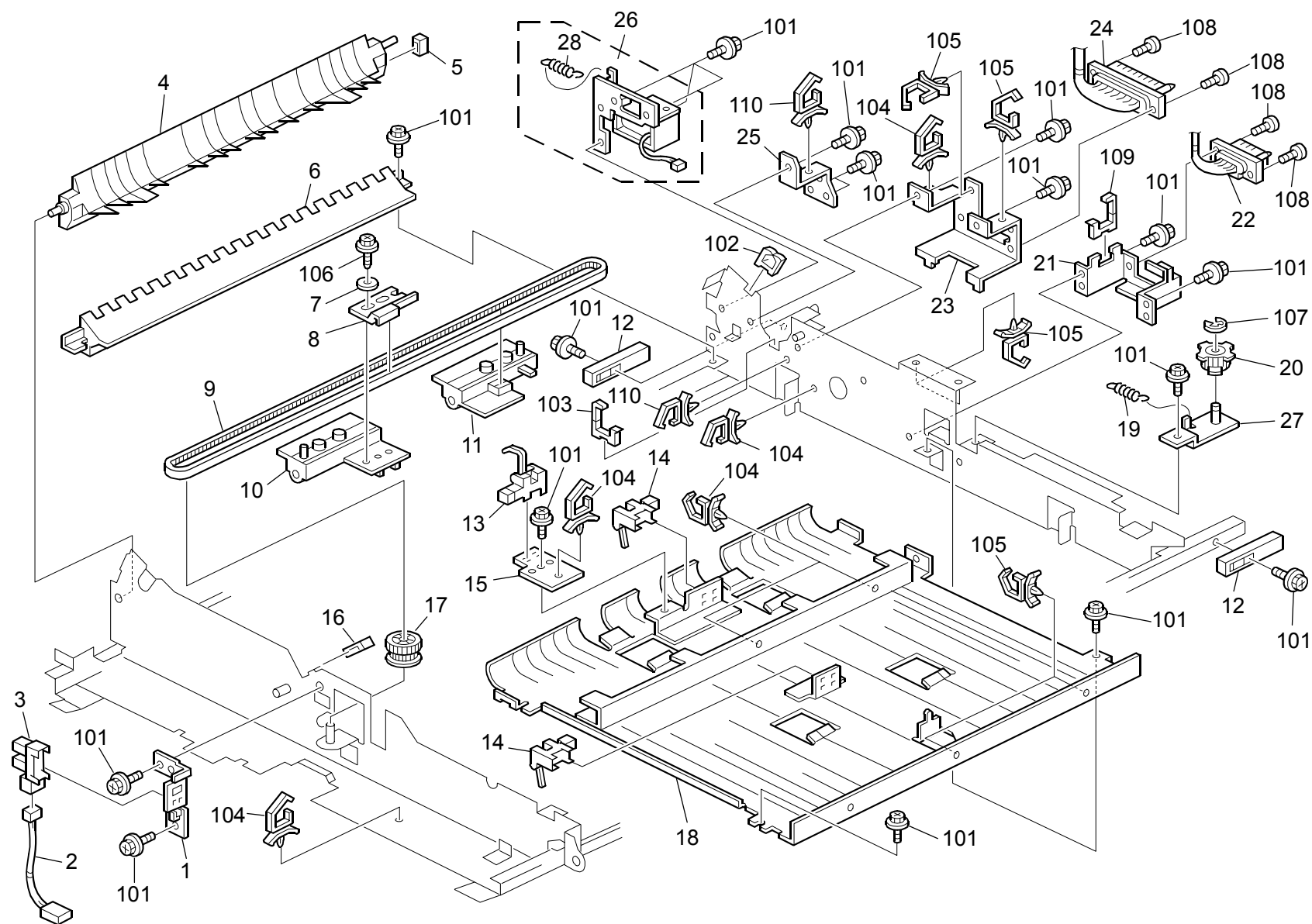


53.DUPLEX UNIT 4

Index No.	Part No.	Description	Q'ty Per Assembly
1	AB01 1464	Turn Gear	1
2	A232 3566	Ball Bearing - 8x16x5	4
3	AA08 2118	Bushing - M6	8
4	AB01 7614	Pulley	1
5	AB01 1463	Connecting Gear	1
6	AX20 0243	Magnetic Clutch (B064/B065)	1
6	AB01 1496	Gear - 32Z (B140/B141/B142/B143/B163/B228)	1
7	AB03 0731	Pulley - 29Z	1
8	AF02 1075	Duplex Turn Roller	1
9	AF02 1077	Driven Transport Roller	2
10	AA04 3293	Timing Belt	2
11	AF02 1076	Drive Inverter Roller	1
12	AF02 1078	Left Drive Roller	1
13	B065 4694	Jogger Guide Rod	1
14	AF02 1079	Right Drive Roller	1
15	AB03 0583	Timing Pulley - 24Z	4
16	5447 2681	Snap Ring (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0720 0040E	Retaining Ring - M4	

54.DUPLEX UNIT 5

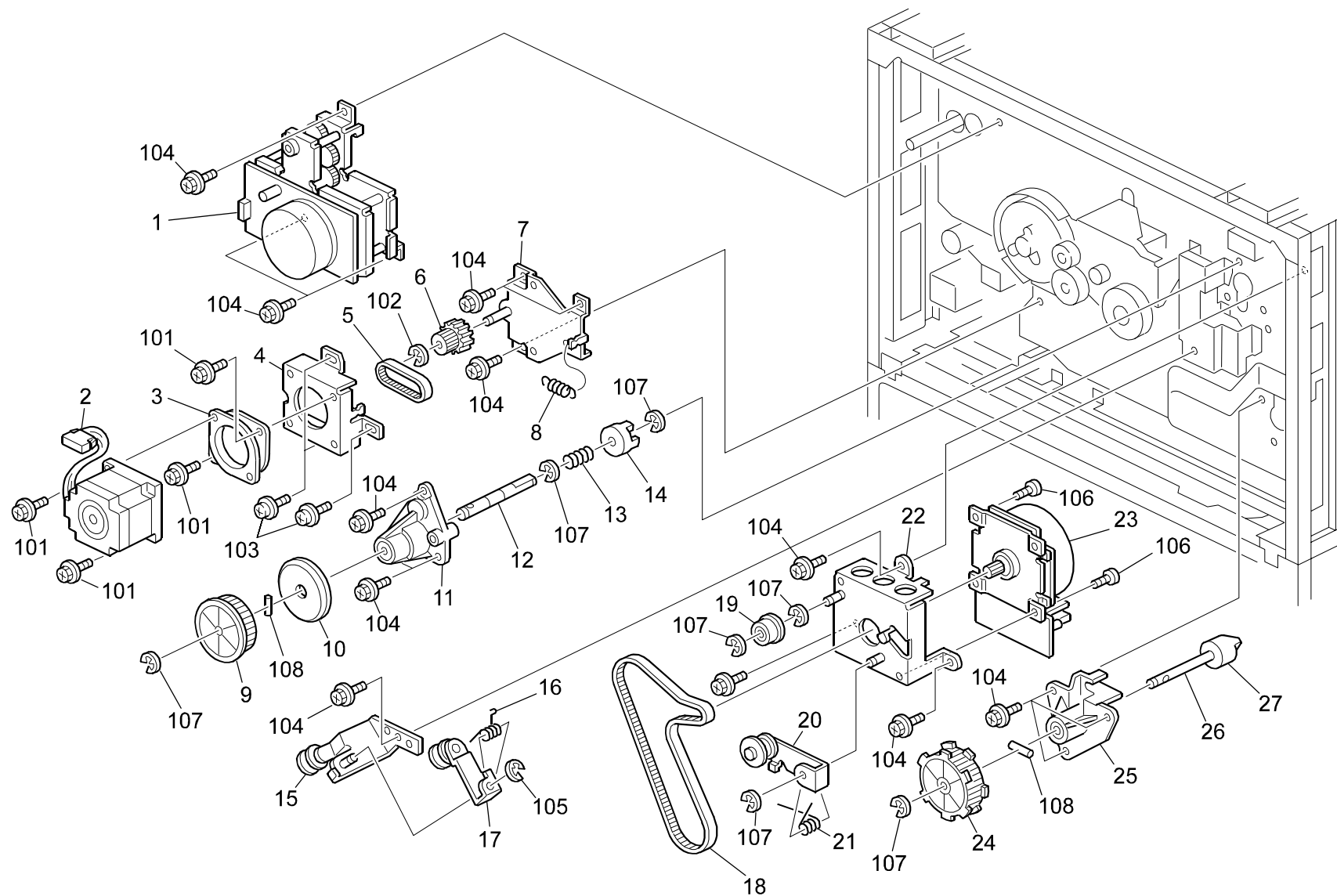


54.DUPLEX UNIT 5

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 0120	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	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 0128	Photointerruptor	1
14	AW02 0130	Photointerruptor	2
15	B065 4715	Exit Reverse Sensor Bracket	1
16	A294 4669	Cushion	1
17	AB01 7615	Gear	1
18	B065 4710	Upper Transport Guide Plate (B064/B065)	1
18	B140 4710	Upper Transport Guide Plate Ass'y (B140/B141/B142/B143/B163/B228)	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	B065 4736	Exit Solenoid	1
27	B065 4820	Jogger Bracket	1
28	AA06 2319	Spring	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	Philips Tapping Screw - M4x8	
107	0720 0040E	Retaining Ring - M4	
108	0453 3008N	Bind Tapping Screw - M3x8	
109	1105 0518	Edge Saddle - Les-1010	
110	1105 0516	Clamp	

55.DRIVE SECTION 1



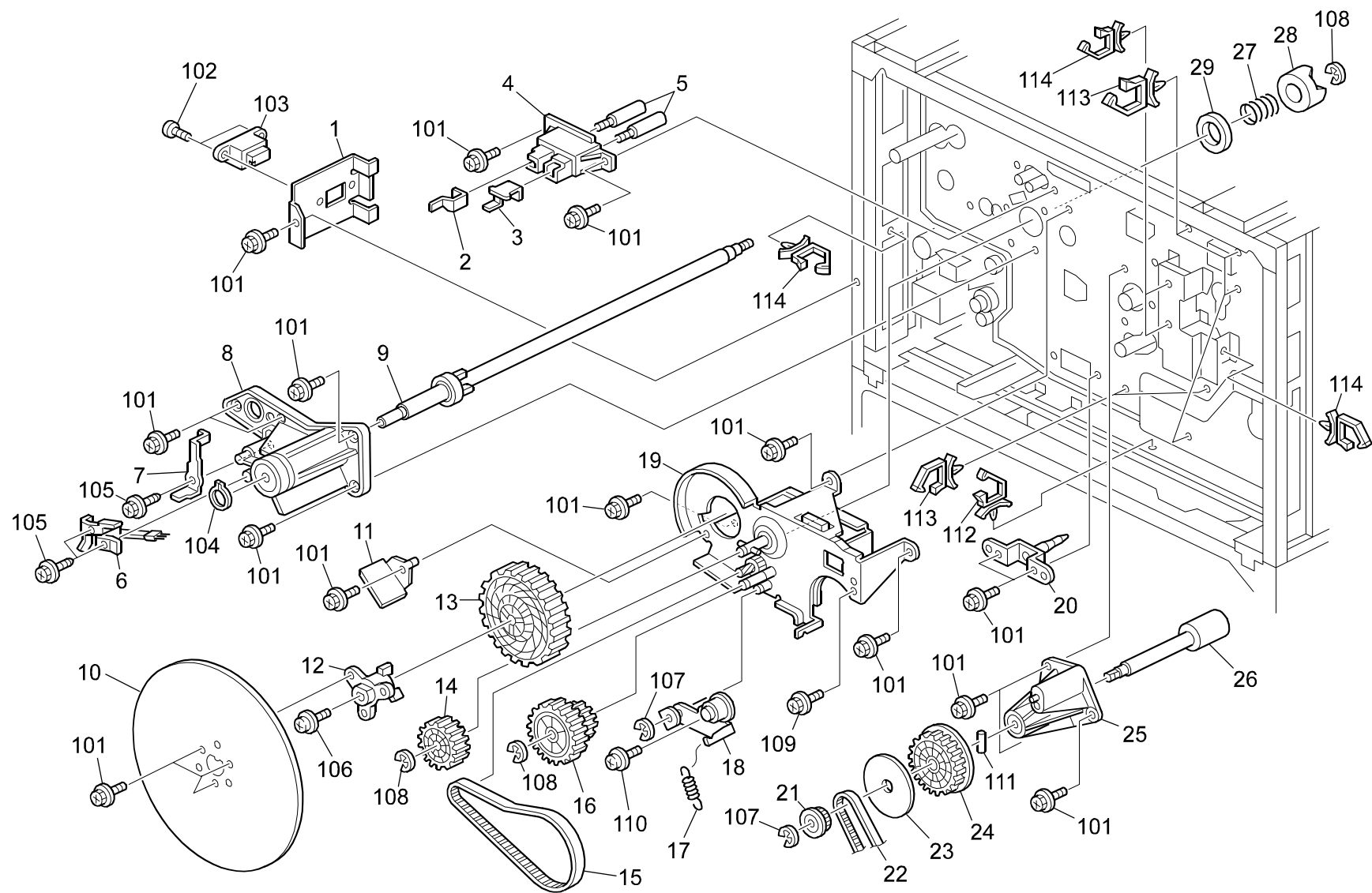
55.DRIVE SECTION 1

Rev. 09/25/2006

Index No.	Part No.	Description	Q'ty Per Assembly
1	B110 5305	Development Drive Motor (B064/B065)	1
1	B140 5325	Development Drive Motor Ass'y [TSB#096] (B140/B141/B142/B143/B163/B228)	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	B140 1133	Stepper Motor Base Ass'y	1
8	AA06 0720	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	A229 1136	Fusing Drive Shaft	1
13	AA06 3490	Spring - 21.6mm	1
14	B140 1173	Fusing Drive Sub-unit Joint	1
15	B065 1157	Toner Recycling Bracket (B064/B065)	1
15	B140 1157	Toner Recycling Bracket Ass'y (B140/B141/B142/B143/B163/B228)	1
16	AA06 6651	Spring	1
17	B065 1160	Toner Recycling Tightener	1
18	AA04 3946	Timing Belt	1
19	AB03 2716	Idle Pulley - M18	1
20	B065 1164	Tightener	1
21	AA06 6309	Torsion Spring	1
22	B065 1162	Fusing Motor Bracket	1
23	AX06 0253	Fusing Motor (B064/B065)	1
23	AX06 0275	Fusing/Exit Motor - DC24V 2.4W (B140/B141/B142/B143/B163/B228)	1
24	AB03 0725	Pulley - 89Z	1
25	A293 1155	Duplex Drive Bracket	1
26	B065 1166	Duplex Drive Shaft	1
27	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	Philips Screw With Washer - M4x8	
104	0451 4008N	Philips Tapping Screw - M4x8	
105	0720 0040E	Retaining Ring - M4	
106	0354 0050N	Bind Screw - M4x5	
107	0720 0060E	Retaining Ring - M6	
108	0623 0140E	Spring Pin - 3x14mm	

56.DRIVE SECTION 2

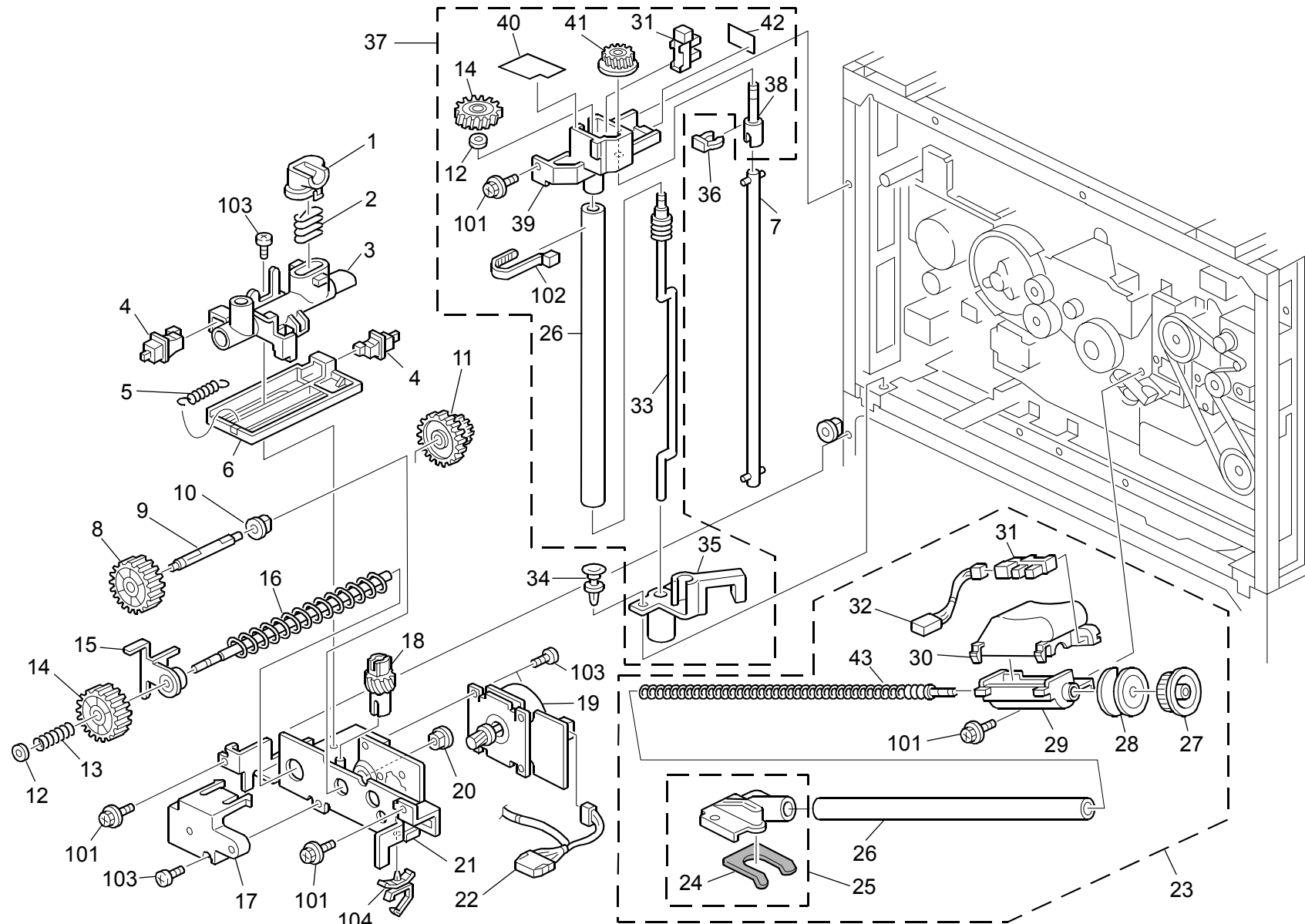


56.DRIVE SECTION 2

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	B065 1154	Electrode Plate	1
7	B065 3262	Electrode Plate	1
8	B065 1137	Bracket	1
9	B065 1140	Drum Shaft	1
10	A134 1135	Fly Wheel	1
11	B065 1134	Partition Plate	1
12	B065 1145	Boss	1
13	AB01 2315	Gear - 156Z	1
14	AB01 1482	Gear - 40Z	1
15	AA04 3948	Timing Belt	1
16	AB01 7640	Gear - 38Z/59Z	1
17	AA06 0792	Tension Spring	1
18	B065 1122	Tightener Bracket	1
19	B065 1110	Main Motor (B064/B065)	1
19	B140 1110	Brushless Motor DC24V 2.5W (B140/B141/B142/B143/B163/B228)	1
20	B065 1084	Positioning Plate	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	B065 1149	Transfer Drive Joint	1
27	AA06 3654	Spring	1
28	B065 1131	Joint	1
29	AA13 2025	Spacer	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0453 3008N	Bind Tapping Screw - M3x8	
103	1102 8504	Connector	
104	0725 0120E	Retaining Ring C - M12	
105	0450 3008N	Tapping Screw - M3x8	
106	0951 5010N	Philips Screw With Washer - M5x10	
107	0720 0040E	Retaining Ring - M4	
108	0720 0060E	Retaining Ring - M6	
109	0450 4008N	Tapping Screw - 4x8	
110	0951 4005N	Philips Screw With Flat Wash - 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	

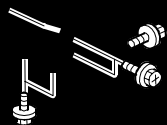
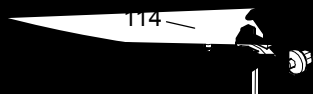
57.TONER COLLECTION



57.TONER COLLECTION

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 3568	Case Cap	1
2	B065 3573	Toner Collection 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	B065 3609	Toner Separation Shaft - Long	1
8	B065 3588	Toner Collection Idle Gear	1
9	B065 3590	Toner Collection Shaft	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	B065 3570	Toner Transport Coil	1
17	B065 3583	Spring Guide	1
18	B065 3586	Screw Gear	1
19	AX06 0235	DC Motor	1
20	H053 2208	Bushing - M4	1
21	B065 3559	Base	1
22	B065 3593	Toner Collection Discharge Harness	1
23	B065 3552	Toner Outlet Sub-unit:Transfer:Ass'y	1
24	B065 3656	Toner Collection Seal - Transport	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 0120	Photointerruptor - Flat	2
32	B065 2762	Relay Paper Feed Harness	1
33	B065 3670	Transport Screw	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 3554	Toner Collection Ass'y - Transfer	1
38	B065 3604	Toner Separation Shaft	1
39	B065 3629	Toner Separation Case	1
40	B065 3636	Toner Collection Seal	1
41	B065 3645	Gear - 22Z	1
42	B065 3637	Seal - 40x68	1
43	B065 3633	Transport Screw	1
101	0451 4008N	Philips Tapping Screw - M4x8	
102	1105 0046	Harness Band	
103	0354 0080N	Screw - M4X8	
104	1105 0511	Harness Clamp - LWS-0306ZC	



58.ELECTRICAL SECTION 1

Rev. 05/01/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 5417	Left Harness (B064/B065)	1
1	B140 5416	Harness - Machine Or Copier Upper (B140/B141/B142/B143/B163/B228)	1
2	B065 5416	Upper Harness (B064/B065)	1
2	B140 5417	Harness - Machine Or Copier Left (B140/B141/B142/B143/B163/B228)	1
3	B065 5120	BCU Board (B064/B065)	1
3	B163 5122	PCB:BCU:EXP:Service (B140/B141/B142/B143/B163/B228)	1
3	G126 5122	PCB: BCU (G126)	1
4	B064 5855	PCB Cover (B064/B065)	1
4	B140 5850	Control Unit Cover Ass'y (B140/B141/B142/B143/B163/B228)	1
5	B065 5827	Upper Hinge	1
6	AA14 3801	Screw:M4:Exterior	7
7	B065 5826	Lower Hinge Bracket	1
8	5447 2681	Snap Ring	1
9	B065 5874	Lower Hinge	1
10	B065 5791	Fan Motor Gasket	2
11	B065 5865	Fan Cover	1
12	AX64 0137	Cooling Fan - 24V	1
13	B065 5860	BCU Board Bracket	1
14	B065 5447	ADF Power Source Harness	1
15	B065 5503	ADF/CNB Harness	1
16	B140 5891	Bracket:Plug:ADF	1
17	B065 5807	Finisher Cable Bracket	1
18	B065 5445	Finisher Cnb Harness	1
19	B140 5827	Upper Control Unit Arm Ass'y (B140/B141/B142/B143/B163/B228)	1
20	B140 5829	Lower Control Unit Arm (B140/B141/B142/B143/B163/B228)	1
21	B140 5876	Cover:BCU (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	1105 0316	Clamp	
103	1105 0516	Clamp	
104	1105 0489	Harness Clamp - LWS 1316	
105	1105 0518	Edge Saddle - Les-1010	
106	0451 4008N	Philips Tapping Screw - M4x8	
107	0453 3008N	Bind Tapping Screw - M3x8	
108	1102 8502	Connector - 54679-1615	
109	0360 3006N	Screw - M3X6	
110	1105 0511	Harness Clamp - LWS-0306ZC	
111	1105 0521	Clamp - LES-1017	
112	0451 4020N	Tapping Screw - M4x20	
113	0360 3008N	Screw - M3X8	
114	0802 5276	Tapping Screw With Washer - M3x6	

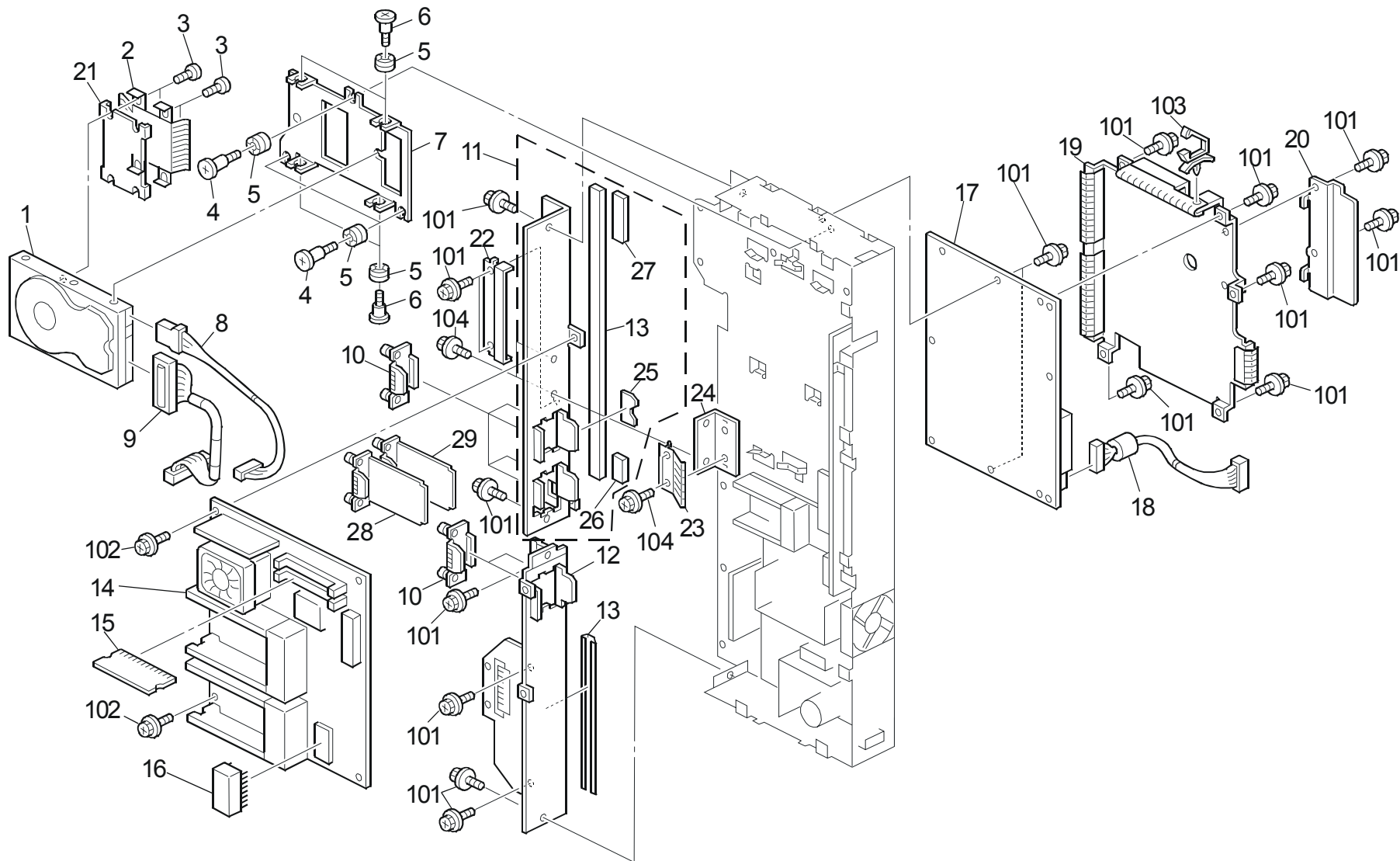
B064/B065/B140/B141/B142/B143/B163/B228/G126



59.ELECTRICAL SECTION 2 (B064/B065)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B004 5853	Bracket Grip	1
2	B065 5837	NIB Cover	1
3	B065 5863	IC Card Cover	1
4	B065 5752	Control Unit Side Plate	1
5	B065 5754	Centronics Cover	1
6	B065 5838	IEEE1394 Cover	2
7	G331 5700	SDRAM - 128MB	1
8	B065 5790	Panel Gasket	1
9	B065 5111	Controller Board	1
10	B065 5867	Fan Cover	1
11	AX64 0098	Fan Motor - DC5V 1.2W	1
12	B065 5861	HDD Side Plate	1
13	B514 5970	HDD:Hitachi:40GB:Vancouver3	1
14	AA14 3781	Binding Screw - M3x3.5	4
15	B066 5116	Power Source Harness	1
16	B065 5115	HDD Harness	1
17	B065 5858	HDD Bracket	1
18	AA16 1125	Rubber Cushion	4
19	AA14 3499	Stepped Screw	4
20	B065 5868	Clamp	4
21	B065 5821	Control Unit Base	1
22	B065 5508	IPU/PSU Harness	1
23	B065 5202	Mother Board	1
24	B065 5883	Fan Relay Harness	1
25	B065 5846	Mother Board Cover	1
26	B065 5507	MB/PSU Harness	1
27	B065 5510	MB2/PSU Harness	1
28	B110 5140	PCB:Image Processing Unit	1
29	B065 5450	IPU/BCU Harness	1
30	B065 5841	IPU Cover	1
31	B065 5844	IPU Connector Cover	1
32	B065 5869	Base Sheet	1
33	B064 9099	NVRAM - Minus Counter	1
34	B065 5795	Controller Grounding Bracket	1
35	A669 1827	Spacer - 16mm	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	B066 5400	MLB Board	1
37	B066 5501	Spacer - 13mm	1
101	0451 3006N	Tapping Screw - M3x6	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	0451 3014N	Tapping Screw - M3-14	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0488	Harness Clamp	
106	0353 0040N	Screw - M3X4	
107	0360 3006N	Screw - M3X6	



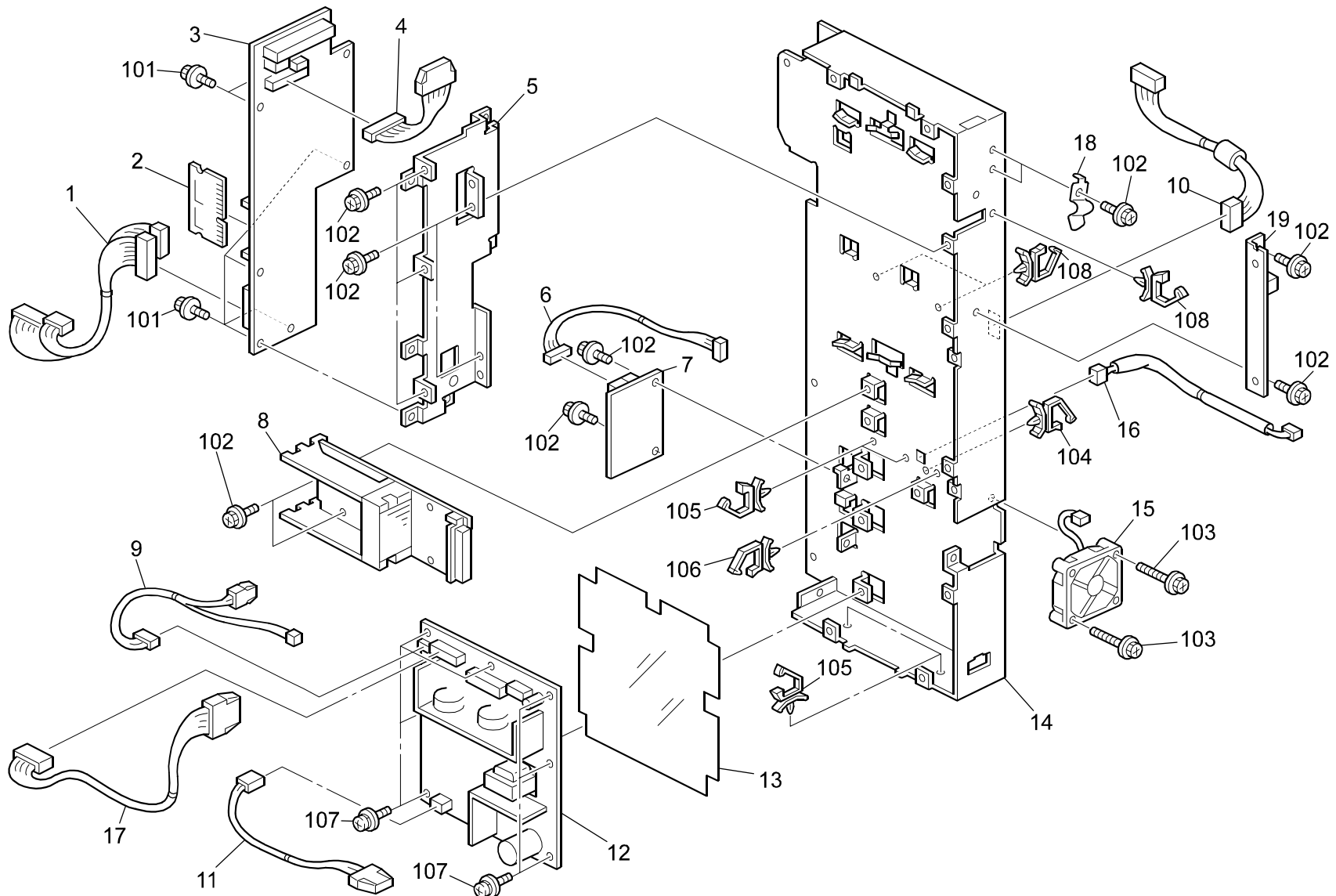
60.ELECTRICAL SECTION 3 (B140/B141/B142/B143/B163/B228/G126)

Rev. 01/22/2008

Index No.	Part No.	Description	Q'ty Per Assembly
1	B247 5238	HDD:Path2:40GB_Clip:Master [TSB#121]	1
2	B140 5857	HDD Ground Plate	1
3	AA14 3815	Screw - M3X3.5	4
4	AA14 3534	Screw - M3X4.2	3
5	AA16 1125	Rubber Cushion	7
6	AA14 3499	Stepped Screw	4
7	B140 5856	HDD Bracket	1
8	B070 5685	Harness:Power Source:HDD	1
9	B070 5684	Harness:HDD:IDE	1
10	B140 5830	Panel:Interface:Ass'y	6
11	B140 5834	Control Board Drum Stay Ass'y	1
12	B140 5824	Option Panel Ass'y	1
13	B070 6877	Large Drum Stay Ground Plate	1
14	B141 5835	PCB:Control Board:EXP:Ass'y	1
14	G126 5832	PCB Control Board Unit (G126)	1
15	B584 5010	PCB:DDR-DIMM:128MB:Ass'y	1
16	B140 9590	NVRAM - Minus Counter	1
17	B140 5144	PCB:IPU:Basic: (B140/B141/B142/B143/B163/B228)	1
18	B065 5450	IPU/BCU Harness	1
19	B140 5841	Cover:Image Processing Unit:Ass'y	1
20	B140 5842	Ipu Connector Cover	1
21	B140 5877	Base:Ground Plate:HDD	1
22	B140 5878	Cover:SD-Card	1
23	B065 1843	Grounding Plate	1
24	B140 5897	Bracket:Control Unit	1
25	B070 6882	Spacer:SD-Card	1
26	B140 5895	Gasket:Drum Stay:A	1
27	B140 5896	Gasket:Drum Stay:B	1
28	B594 5660	PCB NIC Unit (G126)	1
29	B595 5670	PCB - IEEE1284 (G126)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0360 4006N	Hexagonal Head Screw - M4x6	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	0451 3006N	Tapping Screw - M3x6	

61.ELECTRICAL SECTION 4 (B140/B141/B142/B143/B163/B228)



61.ELECTRICAL SECTION 4 (B140/B141/B142/B143/B163/B228)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B140 5515	Harness - DC Power Supply MB	1
2	G331 5720	PCB SDRAM-DIMM 128Mb Ass'y	1
3	B140 5218	PCB:Ass'y	1
4	B140 5440	Harness:MB:Connecting	1
5	B140 5846	Mother Board Bracket Ass'y	1
6	B070 5686	Harness:CSS	1
7	B138 5154	PCB N-PI Ass'y	1
8	B070 5625	PCB:Interface:Ass'y	1
9	B140 5460	Harness - Pwrctl	1
10	B140 5516	Harness - DC Power Supply	1
11	B140 5622	Harness - AC Power Supply CTL-PSU	1
11	B140 5625	Harness:AC Power Supply:CTL-PSU:EU	1
12	AZ23 0140	Power Supply Unit DOM/NA	1
12	AZ23 0141	Power Supply Unit:CTL:EU/AA	1
13	B140 5859	Insulating Sheet	1
14	B140 5822	Control Unit Frame Ass'y	1
15	AX64 0147	Fan Motor - 12V	1
16	B140 5461	Harness - Pwrctl Connecting	1
17	B140 5517	Harness - DC Power Supply	1
18	B065 5868	Clamp	2
19	B140 5873	Arm:Cover:BCU	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 3006N	Screw - M3X6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0451 3020N	Tapping Screw - 3x20	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0487	Harness Clamp	
106	1105 0488	Harness Clamp	
107	0954 3008N	Philips Screw - M3x8	
108	1105 0582	Clamp:RBWS-0510D-V0	

B064/B065/B140/B141/B142/B143/B163/B228/G126

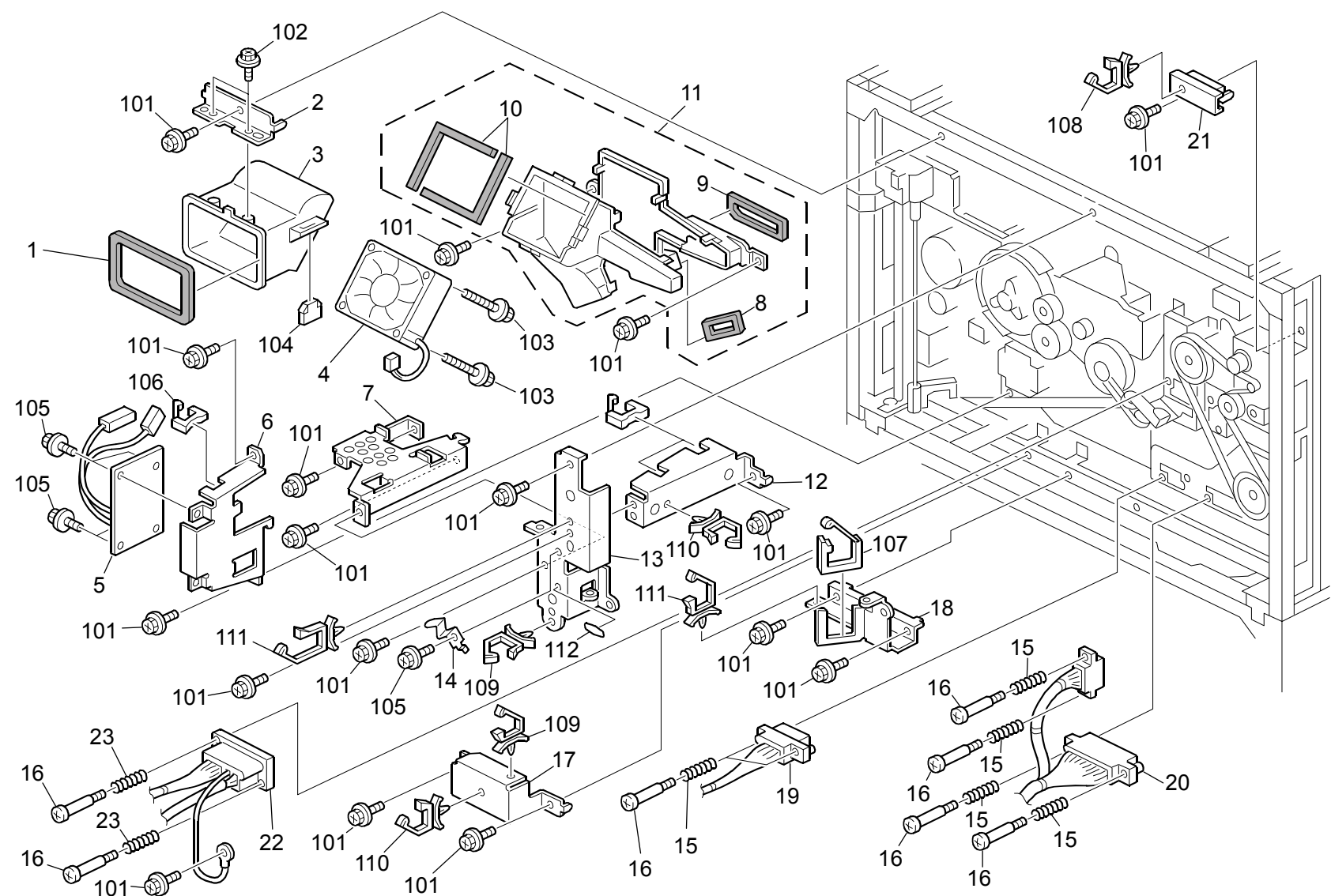


62.ELECTRICAL SECTION 5

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	A293 1095	Sirocco Fan - DC24V	1
6	AA15 1775	Seal - Fan	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 0030	Cooling Fan - 24V	1
13	AZ32 0139	Character Generator Power Pack	1
14	B065 5804	Charge Power Pack Bracket	1
15	B065 5500	CNB/PSU Harness (B064/B065)	1
15	B140 5500	Harness - DC Power Supply Cnb BCU (B140/B141/B142/B143/B163/B228)	1
16	B065 5509	DRB/BCU Power Source Harness (B064/B065)	1
16	B140 5509	Harness - Power Source BCU DRB (B140/B141/B142/B143/B163/B228)	1
17	B065 5421	Safety Switch Harness	1
18	B065 5230	CNB Board (B064/B065)	1
18	B140 5230	PCB:CNB (B140/B141/B142/B143/B163/B228)	1
19	B065 5420	CNB Board Harness (B064/B065)	1
19	B140 5420	Harness - Cnb Machine Or Copier Upper (B140/B141/B142/B143/B163/B228)	1
20	B065 5802	CNB Board Bracket (B064/B065)	1
20	B140 5802	CNB Bracket (B140/B141/B142/B143/B163/B228)	1
21	B065 5185	DRB Board (B064/B065)	1
21	B140 5185	PCB:DRB (B140/B141/B142/B143/B163/B228)	1
22	B065 5803	DRB Board Bracket (B064/B065)	1

Index No.	Part No.	Description	Q'ty Per Assembly
22	B140 5803	DRB Bracket (B140/B141/B142/B143/B163/B228)	1
23	B065 5805	CSS Bracket	1
24	A265 5154	PCB:CSS	1
25	A293 5871	Css Board Bracket	1
26	B065 5468	Css Relay Harness	1
101	0951 4010N	Philips Screw With Washer - M4x10	
102	0707 4050E	Bushing - 4x5	
103	1102 6245	Relay Connector - 2P	
104	0450 4008N	Tapping Screw - 4x8	
105	0450 4016N	Tapping Screw - 4x16	
106	0451 4008N	Philips Tapping Screw - M4x8	
107	0451 3008N	Tapping Screw - M3x8	
108	1105 0488	Harness Clamp	
109	1105 0516	Clamp	
110	1105 0522	Edge Saddle - LES0510	

63.ELECTRICAL SECTION 6

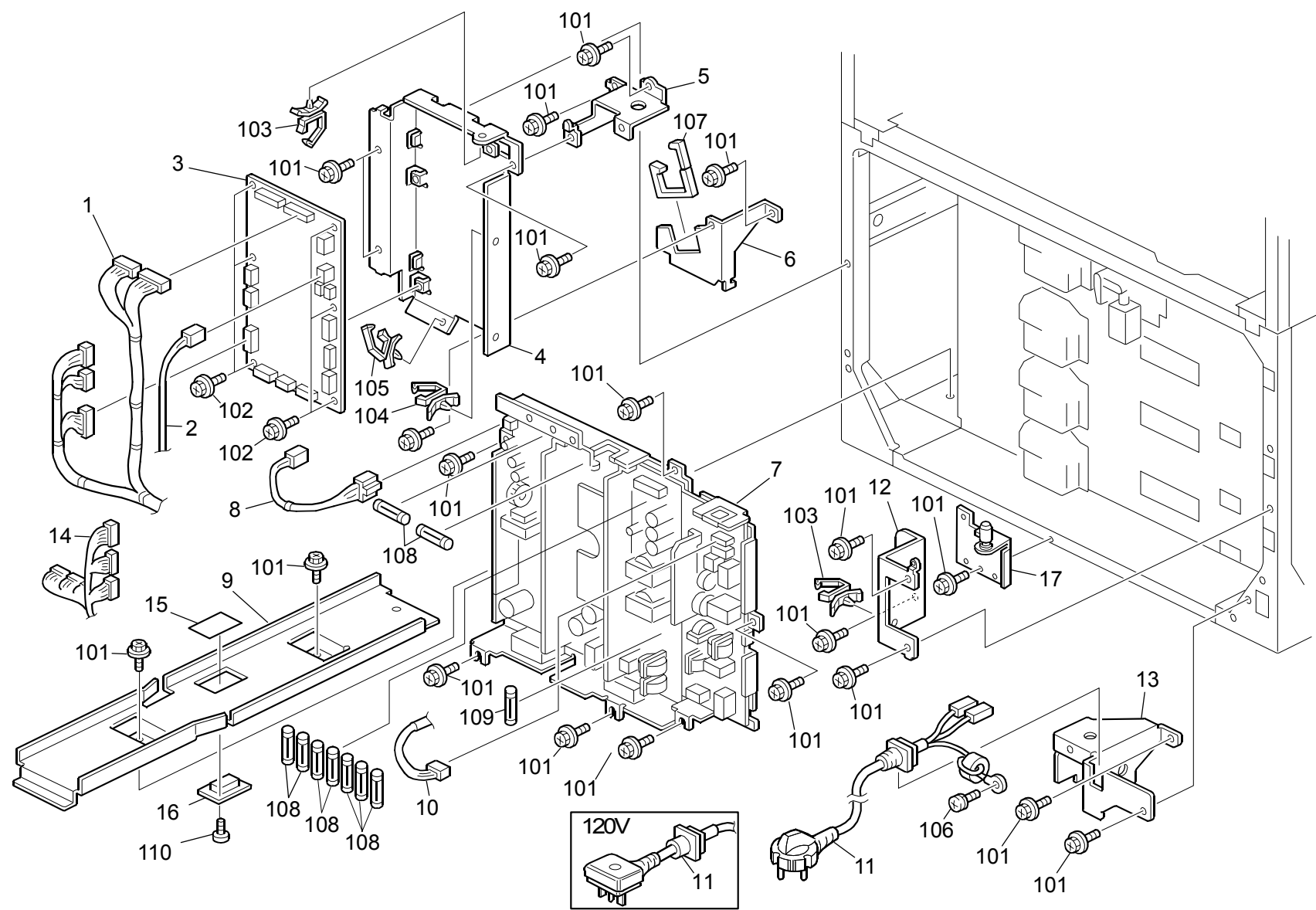


63.ELECTRICAL SECTION 6

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 0136	Cooling Fan - 24V	1
5	AZ30 0053	Development Power Pack	1
6	B065 5892	Power Pack Bracket	1
7	B065 5815	Charge Power Pack Bracket	1
8	AA15 3151	Duct Seal - PCU A	1
9	AA15 3152	Duct Seal - PCU B	1
10	AA15 3153	Duct Seal - PCU C	2
11	B065 1180	PCU Duct	1
12	B065 5814	Harness Guide	1
13	B065 5890	Upper Hinge Stay	1
14	B065 5868	Clamp	1
15	AA06 3880	Spring	8
16	5446 5832	Connector Guide Pin	8
17	B065 5817	Slide Rail Cover	1
18	B065 5819	Lower Hinge Bracket	1
19	B065 5422	Duplex DRB Harness	1
20	B065 5418	Duplex/Exit Harness (B064/B065)	1
20	B140 5418	Harness - Exit Duplex (B140/B141/B142/B143/B163/B228)	1
21	B065 5818	Main Switch Harness Guide	1
22	B065 5600	AC Harness - 120V (B064/B065)	1
22	B065 5651	AC Harness - 240V (B064/B065)	1
22	B140 5615	Harness:Ac Power Supply:Main:NA (B140/B141/B142/B143/B163/B228)	1
22	B140 5617	Harness:Ac Power Supply:Main:EU (B140/B141/B142/B143/B163/B228)	1
23	AA06 3901	Compression Spring:Drawer	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0450 4008N	Tapping Screw - 4x8	
103	0450 4035N	Philips Tapping Screw - M4x35	
104	1102 6245	Relay Connector - 2P	
105	0451 3008N	Tapping Screw - M3x8	
106	1105 0522	Edge Saddle - LES0510	
107	1105 0532	Edge Saddle - LES-25I	
108	1105 0489	Harness Clamp - LWS 1316	
109	1105 0516	Clamp	
110	1105 0490	Harness Clamp - IWS-2218	
111	1105 0518	Edge Saddle - Les-1010	
112	1105 0314	Metal Clamp - AL-5	

64.ELECTRICAL SECTION 7



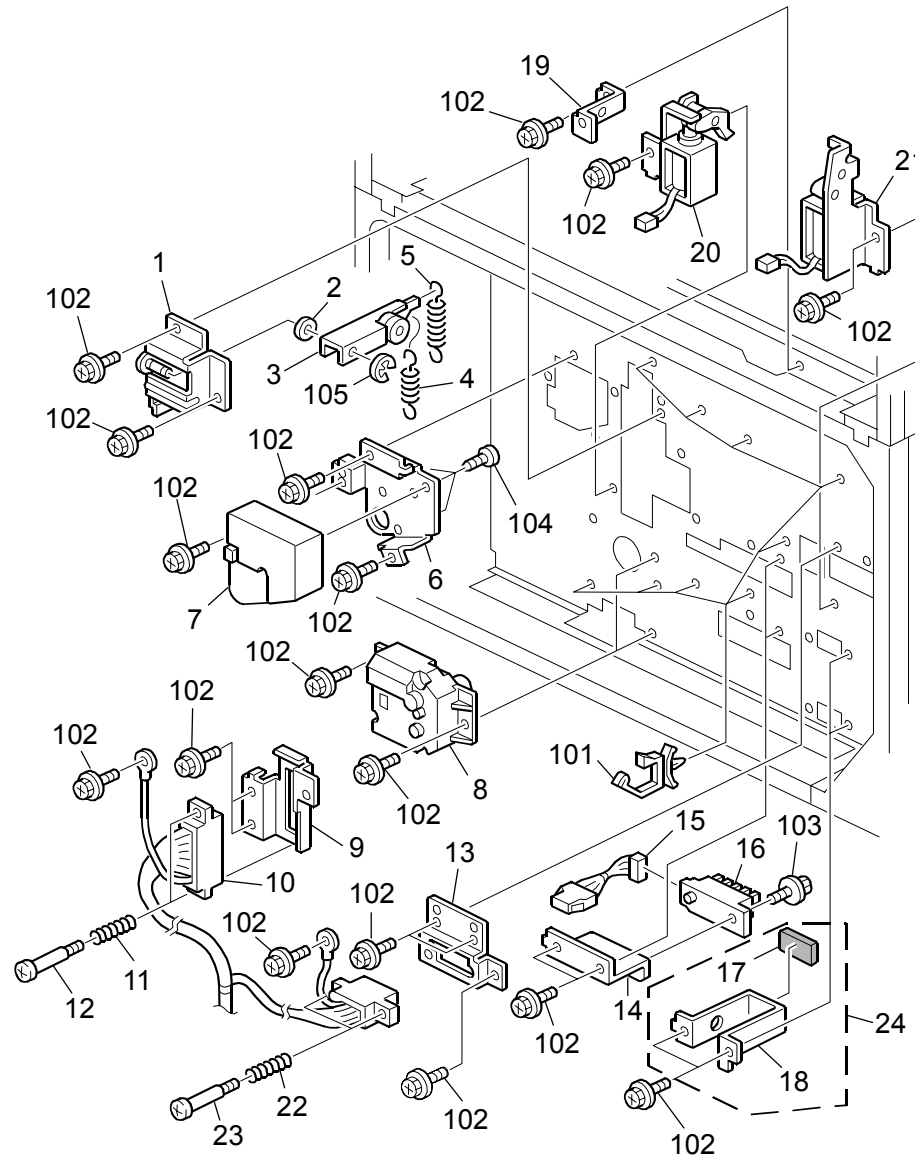
64.ELECTRICAL SECTION 7

Rev. 11/14/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 5701	Front Paper Bank Harness (B064/B065)	1
1	B111 5701	Harness:Bank:Front:Three Way (B140/B141/B142/B143/B163/B228)	1
2	B065 5483	Safety Switch	1
3	B065 5139	pFC Board (B064/B065)	1
3	B140 5132	PCB pFc Three Way (B140/B141/B142/B143/B163/B228)	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 0073	DC Power Supply Board - 120V (B064/B065)	1
7	AZ24 0078	DC Power Supply Board - 240V (B064/B065)	1
7	AZ24 0079	DC Power Supply Board - 240V (B064/B065 CHN)	1
7	AZ24 0092	Power Supply Unit Main DOM/NA (B140/B141/B142/B143/B163/B228)	1
7	AZ24 0093	Power Supply Unit:Main: EU/AA (B140/B141/B142/B143/B163/B228)	1
8	B065 5502	pFC/PSU Harness	1
9	B065 3695	Bottle Guide	1
10	B065 5601	Paper Bank Heater Harness	1
11	B065 5672	Power Supply Cord - 120V	1
11	B246 5677	Power Supply Cord - 230V	1
11	B065 5673	Power Supply Cord - 230V (CHN)	1
12	B065 5879	Right PSU Stay	1
13	B065 5898	Power Supply Board Holder - 120V	1
13	B065 5877	Power Supply Board Holder - 240V	1
14	B065 5700	Rear Paper Bank Harness	1
15	B110 3777	Cover Temperature & Humidity Sensor (B140/B141/B142/B143/B163/B228)	1
16	AW14 0010	Temperature/humidity Sensor (B140/B141/B142/B143/B163/B228)	1
17	B140 5880	Control Unit Lower Hinge Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
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-25I	
108	1107 1022	Fuse	
109	1107 0864	Fuse - 12A (120V)	
109	1107 0880	Fuse - 6.3A 250V (240V)	

65.ELECTRICAL SECTION 8

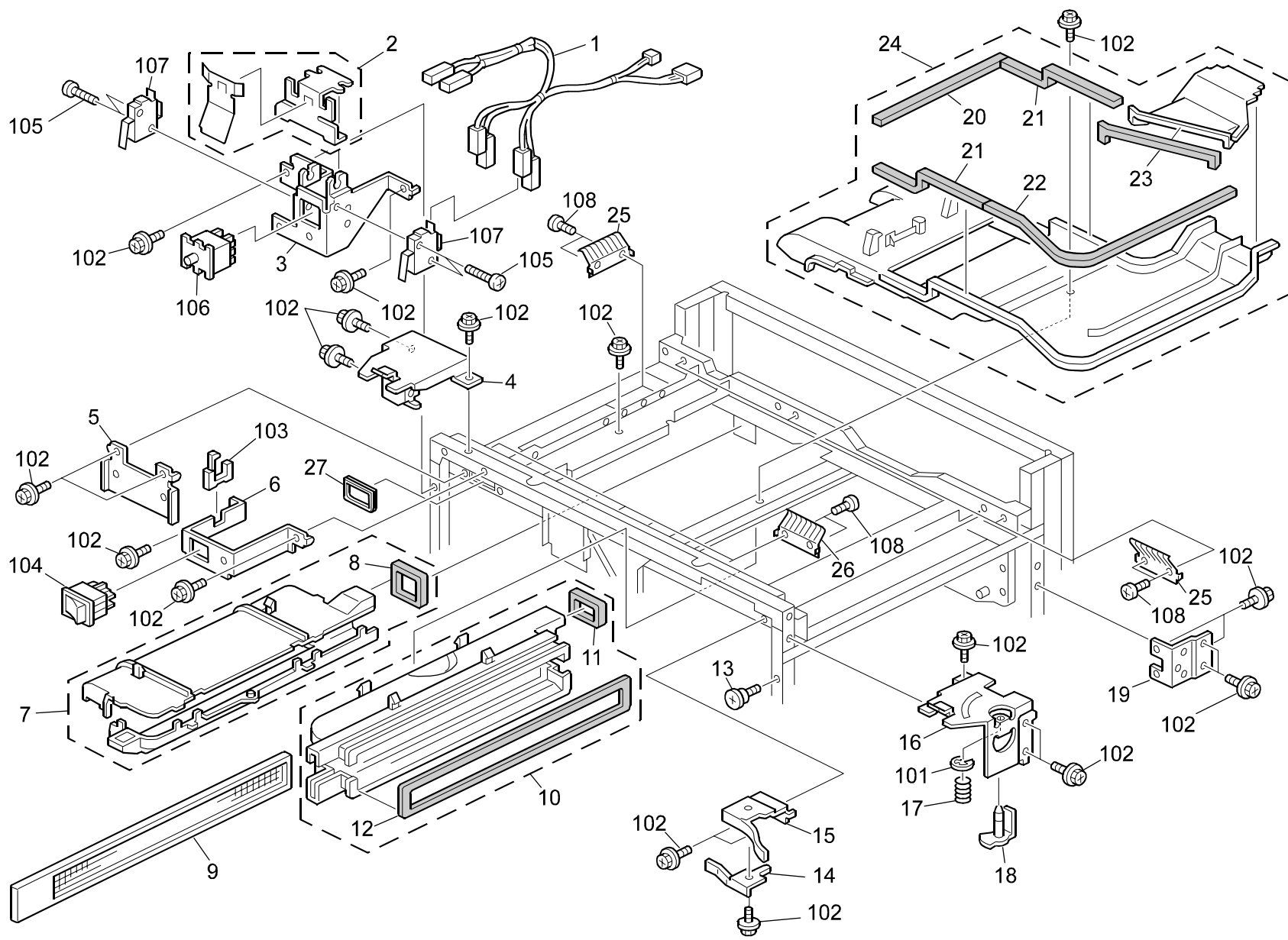


65.ELECTRICAL SECTION 8

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6771	Armbracket	1
2	AA13 2203	Spacer - 6mm	1
3	B065 6769	Lock Arm	1
4	AA06 2252	Spring - Small	1
5	AA06 2251	Spring - Large	1
6	A248 6168	Bracket - Lift Motor	1
7	A248 6167	DC Motor - 19.2W	1
8	AX04 0135	Paper Tray Motor	2
9	B065 6767	Right Connecting Bracket	1
10	B065 5700	Rear Paper Bank Harness	1
11	AA06 3880	Spring	2
12	5446 5832	Connector Guide Pin	2
13	A248 6757	Left Connector Bracket (B064/B065)	1
13	B140 6757	Left Connector Bracket (B140/B141/B142/B143/B163/B228)	1
14	B065 6177	Paper Size Sensor Bracket	2
15	A096 5416	Paper Size Harness	2
16	AW50 0010	Push Switch	2
17	AA16 1096	Stopper Cushion	2
18	B065 6173	Stopper Bracket	2
19	B065 5878	Upper PSU Stay	1
20	B065 6755	Solenoid	1
21	A248 6758	DC Lock Solenoid	1
22	AA06 3268	Connector Spring	2
23	0803 0058	Stepped Screw	2
24	B065 6172	Paper Tray Stopper (B140/B141/B142/B143/B163/B228)	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0488	Harness Clamp	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	0451 3008N	Tapping Screw - M3x8	
104	0414 0102N	Tapping Screw M4x10	
105	0720 0040E	Retaining Ring - M4	

66.UPPER FRAME 1

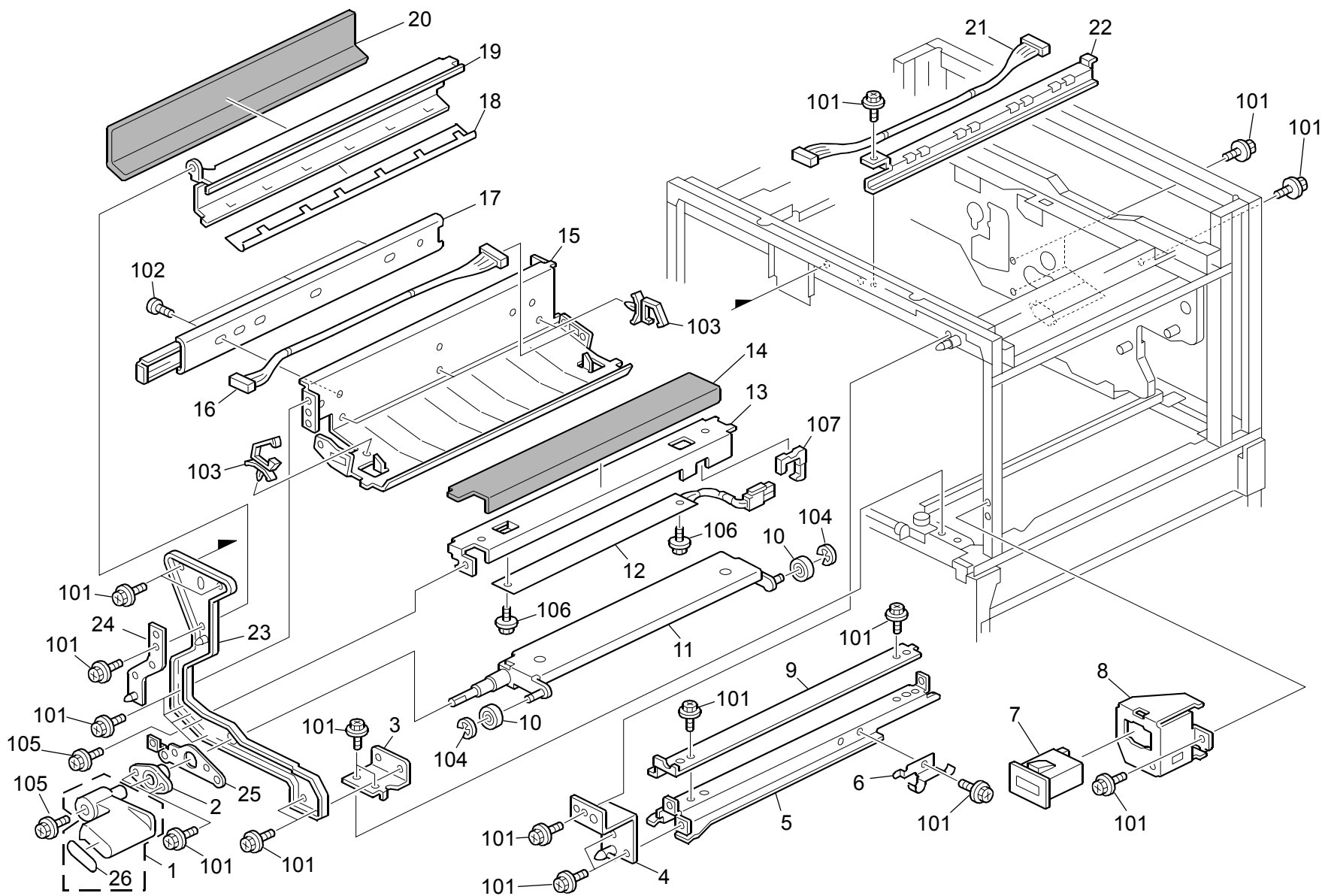


66.UPPER FRAME 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 5430	LD Switch Harness	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	B065 5813	Main Switch Bracket	1
7	B065 1188	Duct - Fusing	1
8	AA15 3150	Duct Seal - Fusing	1
9	B070 2114	Filter - Toner	1
10	B065 1185	Duct - Charge	1
11	AA15 3148	Duct Seal - Charge A	1
12	AA15 3149	Duct Seal - Charge B	1
13	5919 2201	Shoulder Screw - M4	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	A096 1355	Hinge Shaft	1
19	B065 1077	Right Stay	1
20	AA15 3144	Duct Seal - IPS A	1
21	AA15 3145	Duct Seal - IPS B	2
22	AA15 3146	Duct Seal - IPS C	1
23	AA15 3147	Duct Seal - IPS D	1
24	B065 1173	Ips Duct	1
25	B065 1845	Grounding Plate	6
26	B065 1844	Grounding Plate	3
27	B065 5899	Bushing	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	1105 0518	Edge Saddle - Les-1010	
104	1204 2598	Switch	
105	0353 0120N	Bind Screw - M3x12	
106	1204 2390	Interlock Switch - FA8I-AB24	
107	1204 2521	Micro Switch	
108	0453 3008N	Bind Tapping Screw - M3x8	

67.UPPER FRAME 2

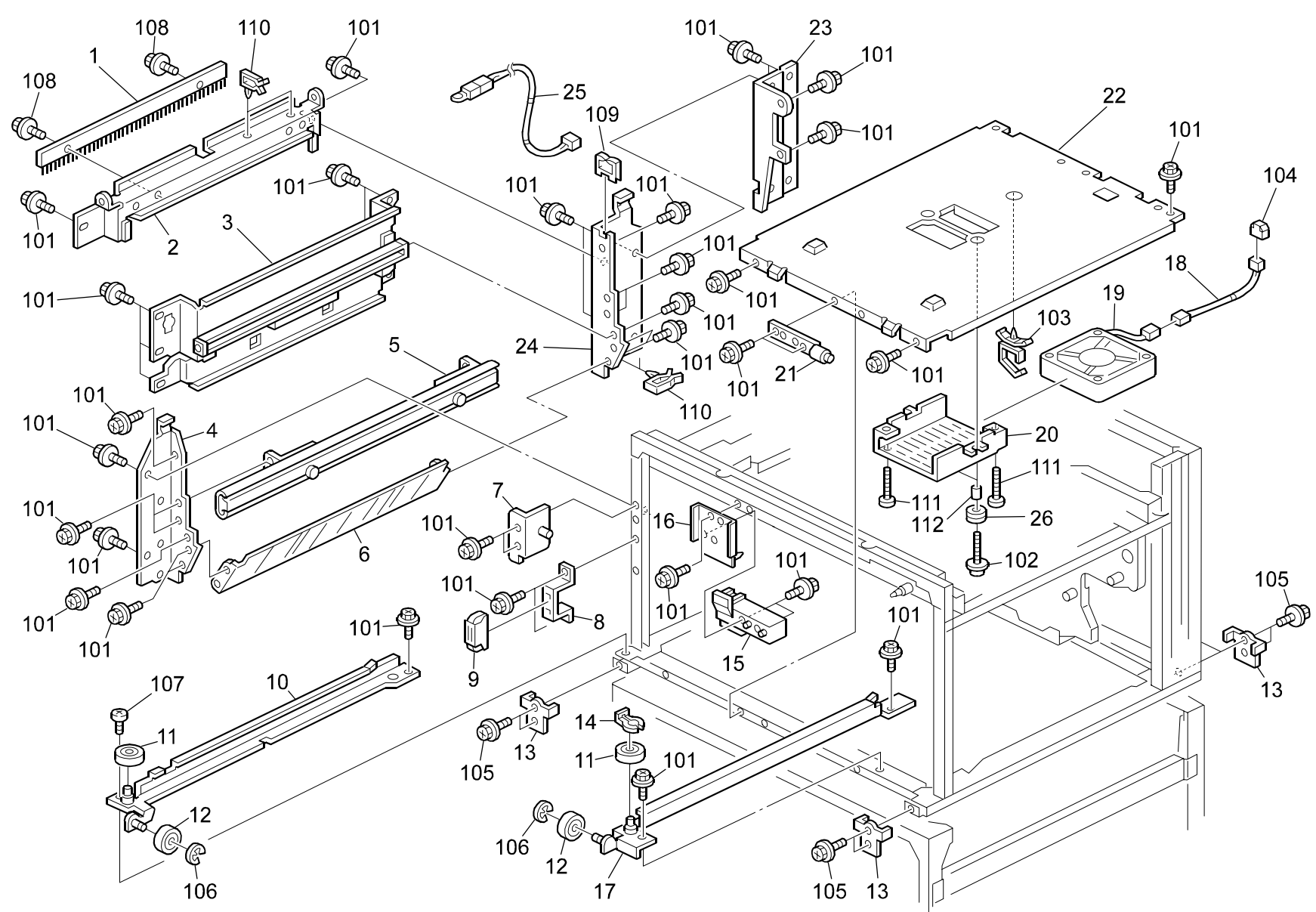


67.UPPER FRAME 2

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	B065 3827	Handle Stay	1
12	AX40 0160	Heater - 120V 9W	1
12	AX40 0161	Heater - 230V 9W	1
13	B065 3837	Heater Holder	1
14	B065 3838	Heat Insulation Heater	1
15	B065 3811	Transfer Unit Stay	1
16	B065 3812	Transfer Rely Harness	1
17	AA07 0058	Right Slide Rail	1
18	B065 1094	Duct Clip	1
19	B065 1091	Left Duct - PCU	1
20	B065 1095	Heat Insulation	1
21	B065 2496	PCU Connecting Harness (B064/B065)	1
21	B140 2496	Harness - PCU (B140/B141/B142/B143/B163/B228)	1
22	B065 1098	Left Rail	1
23	B065 3815	Front Middle Channel	1
24	B065 3820	Positioning Plate - Transfer Unit	1
25	B065 3831	Release Positioning Plate	1
26	B065 3833	Decal - Transfer Unit Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0453 4008N	Tapping Bind Screw - M4x8	
103	1105 0487	Harness Clamp	
104	0720 0040E	Retaining Ring - M4	
105	0360 4008N	Screw - M3x8	
106	0451 3006N	Tapping Screw - M3x6	
107	1105 0522	Edge Saddle - LES0510	

68.UPPER FRAME 3



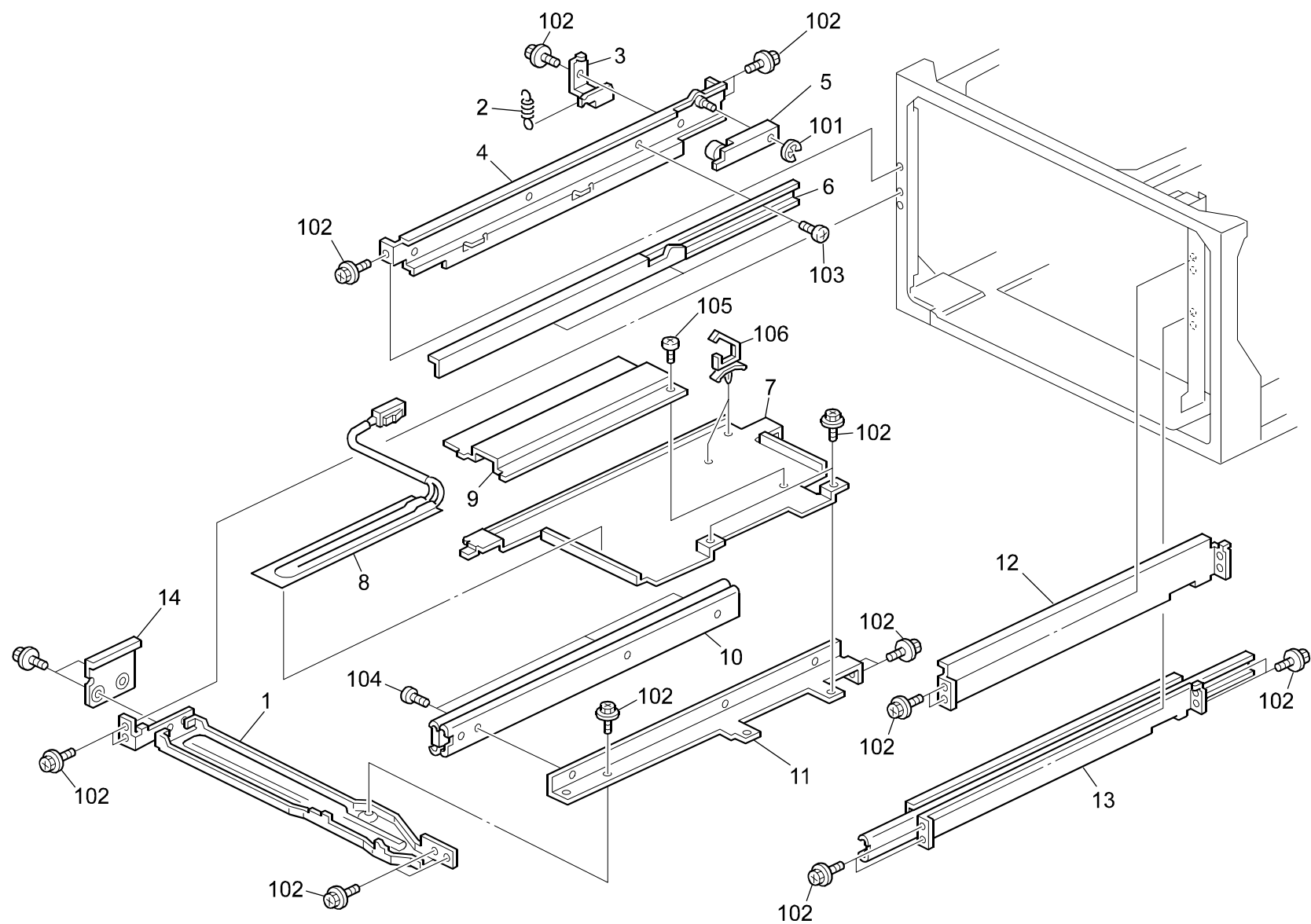
68.UPPER FRAME 3

Rev. 11/14/2007

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA12 0067	Anti Static Brush	1
2	B065 4319	Upper Exit Guide Plate (B064/B065)	1
2	B140 4311	Upper Exit Guide Plate (B140/B141/B142/B143/B163/B228)	1
3	B065 4300	Exhaust Cover (B064/B065)	1
3	B140 4313	Exhaust Cover Ass'y (B140/B141/B142/B143/B163/B228)	1
4	B065 4306	Front Exhaust Side Plate	1
5	B247 4440	Leftslide Rail	1
6	B065 4304	Left Plate Guide (B064/B065)	1
6	B140 4312	Left Rise Guide Plate (B140/B141/B142/B143/B163/B228)	1
7	B065 4263	Lock Lever Shaft Bracket	1
8	B065 1197	Magnet Catch Bracket	1
9	AG07 1011	Magnet Catch	1
10	B065 4835	Rail	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 4168	Fusing Positioning Plate	1
17	B065 4591	Right Duplex Rail	1
18	B065 1198	Duplex Fan Harness	1
19	AX64 0136	Cooling Fan - 24V	1
20	B065 1200	Bracket:Fan:Duplex	1
21	B065 4830	Holder Bracket	1
22	B065 1075	Base Cover	1
23	B065 1078	Left Stay	1
24	B065 4307	Rear Exhaust Side Plate	1
25	B065 4499	Exit Detection Harness	1
26	AA16 1104	Cushion - Motor	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Philips Tapping Screw - M4x8	
102	0951 4010N	Philips Screw With Washer - 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 Head Self - Tapping Screw - M4x8	
108	0451 3006N	Tapping Screw - M3x6	
109	1105 0328	Harness Clamp - ES-0505	
110	1105 0283	Clamp	
111	0354 0300N	Screw - M3x30	
112	0707 4050E	Bushing - 4x5	

69.LOWER FRAME 1

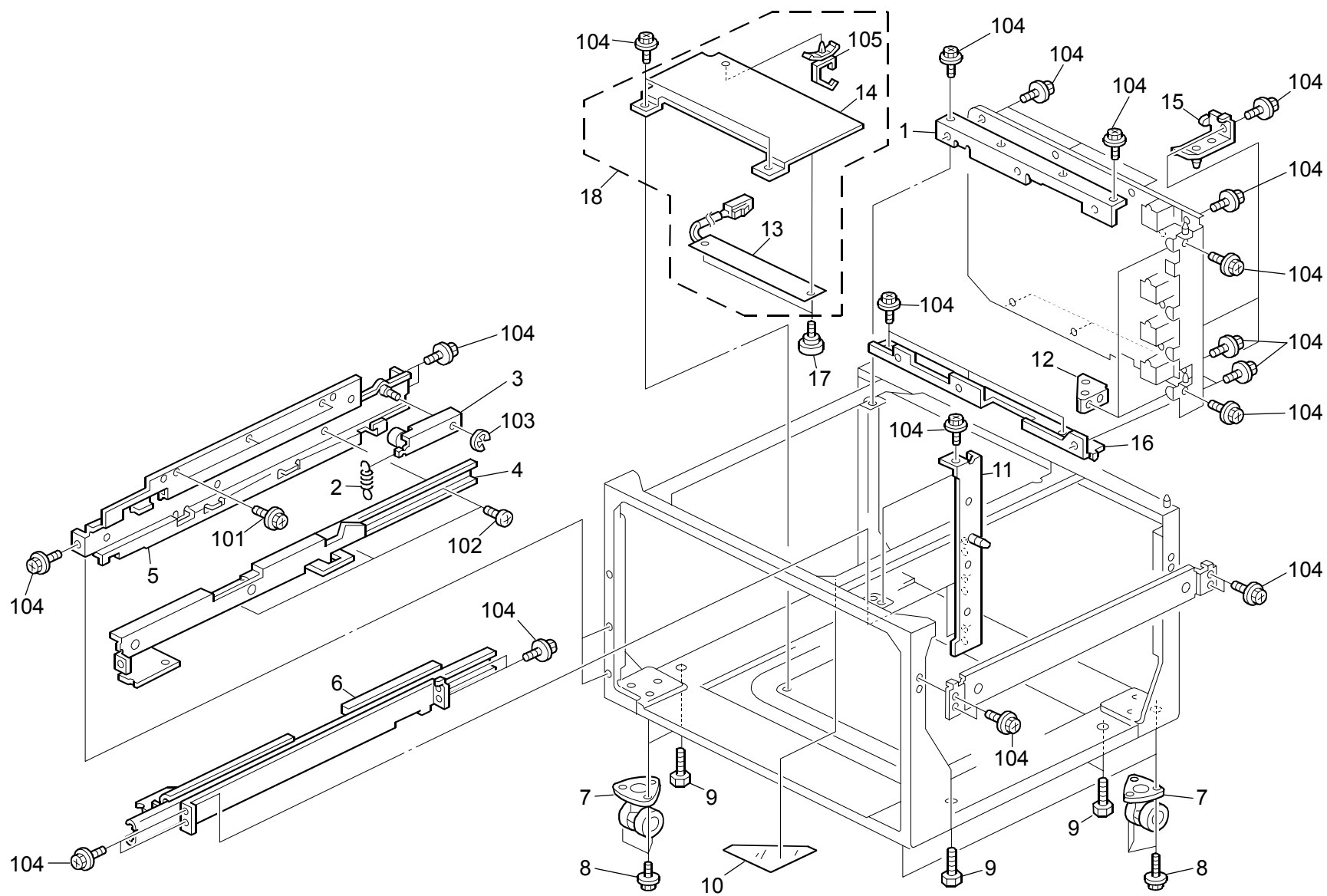


69.LOWER FRAME 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6776	Tandem Tray Stay	1
2	AA06 0592	Lock Spring - Tandem Tray	1
3	B065 6235	Left Rail Bracket	1
4	B065 6792	Slide Rail Base - Tandem	1
5	B065 6135	Lock Arm - Tandem Tray	1
6	B065 6265	Left Tandem Slide Rail	1
7	B065 6116	Upper Heat Sink	1
8	AX40 0150	Heater - 115V 18W	1
8	AX40 0151	Heater - 240V 18W	1
9	A248 6103	Guide Plate - Upper Heat Sink	1
10	AA07 0044	Slide Rail - Tandem LCT	1
11	B065 6774	Slidebracket	1
12	B065 6264	Guide Stay	1
13	B065 6266	Right Tandem Slide Rail (B064/B065)	1
13	B140 6266	Right Slide Rail Tandem LCT Ass'y (B140/B141/B142/B143/B163/B228)	1
14	B065 6777	Supporting Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4008N	Philips Tapping Screw - M4x8	
103	0313 0040N	Philips Pan Head Screw - M3x4	
104	0314 0040N	Philips Pan Head Screw - M4x4	
105	0360 4006N	Hexagonal Head Screw - M4x6	
106	1105 0516	Clamp	

70.LOWER FRAME 2



70.LOWER FRAME 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	B065 6076	Support Plate	1
2	AA06 0534	Tray Lock Spring - 19mm	2
3	B065 6136	Tray Lock Arm	2
4	B065 6241	Left Rail - Paper Feed	2
5	B065 6783	Slide Rail Base	2
6	B065 6260	Right Slide Rail (B064/B065)	2
6	B140 6260	Right Slide Rail Ass'y (B140/B141/B142/B143/B163/B228)	2
7	AH01 2029	Caster:1470n	4
7	AH01 2016	Caster - G60 (TWN)	4
8	AA14 3803	Flanged Hexagonal Head Bolt	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	B065 6166	Rear Support Plate	2
13	AX40 0156	Heater - 115V 18W (B064/B065)	1
13	AX40 0157	Heater - 240V 18W (B064/B065)	1
13	AX40 0176	Heater:115V:18W:Upper (B140/B141/B142/B143/B163/B228)	1
13	AX40 0178	Heater:240V:18W:Upper (B140/B141/B142/B143/B163/B228)	1
14	B065 6221	Lower Heat Sink	1
15	B065 6174	Paper Tray Positioning Bracket	2
16	B065 6075	Side Plate Stay - Lower Rear	1
17	5201 1796	Stepped Screw - M4	2
18	B140 6225	Heat Sink:Heater:Lower:NA:Ass'y (B140/B141/B142/B143/B163/B228)	1
18	B140 6226	Heat Sink:Heater:Lower:EU:Ass'y (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - M3x6	
102	0453 3006N	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0451 4008N	Philips Tapping Screw - M4x8	
105	1105 0516	Clamp	

71.BCU BOARD (B064/B065)

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	236	C111	236	C121	243	C131	242	C141	179	C151	238	C161	244
C102	236	C112	236	C122	179	C132	244	C142	244	C152	188	C162	179
C103	236	C113	236	---	---	C133	244	C143	244	C153	242	C163	244
C104	236	C114	236	C124	179	C134	239	C144	242	C154	244	C164	233
C105	236	C115	236	C125	243	C135	244	C145	179	C155	238	C165	244
C106	236	C116	236	C126	244	C136	179	C146	244	C156	242	C166	233
C107	236	C117	236	C127	178	C137	179	C147	179	---	---	C167	235
C108	236	C118	236	C128	243	C138	244	C148	244	C158	242	C168	244
C109	236	C119	236	C129	244	C139	179	C149	244	C159	244	C169	242
C110	236	C120	244	C130	244	C140	244	C150	244	C160	233	C170	242

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.
C171	242	C181	179	C191	244	C201	244	C211	237	C221	187	C231	179
C172	179	C182	244	C192	244	C202	242	C212	244	C222	187	C232	244
C173	244	C183	244	C193	179	C203	179	C213	179	C223	244	C233	179
C174	242	C184	179	C194	177	C204	237	C214	237	C224	242	C234	179
C175	244	C185	244	C195	244	C205	179	C215	189	C225	232	C235	244
C176	242	C186	244	C196	244	C206	237	C216	244	C226	244	C236	244
C177	244	C187	244	C197	244	C207	177	C217	244	C227	242	C237	244
C178	179	C188	244	C198	244	C208	179	C218	190	C228	179	C238	236
C179	234	C189	244	C199	242	C209	237	C219	244	C229	179	C239	179
C180	234	C190	244	C200	242	C210	179	C220	187	C230	179	C240	236

71.BCU BOARD (B064/B065)

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.
C241	236	C251	244	C261	244	C271	244	C281	244	C291	242	C301	244
C242	179	C252	242	C262	242	C272	244	C282	242	C292	244	C302	242
C243	236	C253	242	C263	244	C273	244	C283	179	C293	241	C303	242
C244	244	C254	242	C264	244	C274	242	C284	244	C294	242	C304	244
C245	236	C255	242	C265	242	C275	179	C285	244	C295	242	C305	179
C246	236	C256	244	C266	179	C276	179	C286	244	C296	179	C306	244
C247	236	C257	242	C267	242	C277	244	C287	244	C296	242	C307	179
C248	236	C258	242	C268	244	C278	244	C288	244	C297	241	C308	179
C249	232	C259	232	C269	179	C279	244	C289	244	C299	242	C309	179
C250	241	C260	244	C270	242	C280	179	C290	244	C300	179	C310	244

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.
C311	179	C321	244	C331	242	C341	244	C351	242	C361	179	C371	179
C312	179	C322	242	C332	244	C342	242	C352	242	C362	179	C372	240
C313	179	C323	244	C333	179	C343	244	C353	244	C363	179	C373	240
C314	179	C324	244	C334	179	C344	244	C354	242	C364	179	C374	240
C315	244	C325	179	C335	242	C345	244	C355	179	C365	179	C375	240
C316	244	C326	242	C336	179	C346	244	C356	244	C366	179	C376	240
C317	244	C327	179	C337	244	C347	242	C357	242	C367	179	C377	240
C318	179	C328	242	C338	244	C348	242	C358	191	C368	179	C378	240
C319	179	C329	244	C339	179	C349	242	C359	179	C369	179	C379	240
C320	244	C330	244	C340	179	C350	242	C360	179	C370	179	C380	240

71.BCU BOARD (B064/B065)

CAPACITOR

SYMBOL NO.	INDEX NO.
C381	240
C382	240
C383	240
C384	179
C385	179
C386	179

CAPACITOR

SYMBOL NO.	INDEX NO.
CN201	103
CN202	109
CN203	111
CN204	112
CN205	115
CN206	116
CN207	121
CN208	122
CN209	109
CN210	120

SYMBOL NO.	INDEX NO.
CN211	119
CN212	114
CN213	105
CN214	118
CN215	113
CN216	106
CN217	117
CN218	123
CN219	112
CN220	108

SYMBOL NO.	INDEX NO.
CN221	107
CN222	114
CN223	110
CN224	118

DIODE

SYMBOL NO.	INDEX NO.
D101	134
D102	134
D103	132
D104	132
D105	132
D106	132
D107	132
D108	134
D109	134
D110	134

SYMBOL NO.	INDEX NO.
D111	134
D112	134

DA

SYMBOL NO.	INDEX NO.
DA101	133
DA102	133
DA103	133
DA104	131

FILTER

SYMBOL NO.	INDEX NO.
FIL101	182
FIL102	180
FIL103	181
FIL104	182
FIL105	183

FUSE

SYMBOL NO.	INDEX NO.
FU101	124

CAPACITOR

SYMBOL NO.	INDEX NO.
IC101	142
IC102	162
IC103	147
IC104	147
IC105	147
IC106	150
IC107	245
IC108	154
IC109	245
IC110	142

SYMBOL NO.	INDEX NO.
IC111	148
IC112	160
IC113	145
IC114	156
IC115	155
IC116	151
IC117	146
IC118	160
IC119	2
IC120	149

SYMBOL NO.	INDEX NO.
IC121	143
IC122	155
IC123	160
IC124	142
IC125	152
IC126	142
IC127	142
IC128	1
IC129	3
IC130	145

SYMBOL NO.	INDEX NO.
IC131	153
IC132	151
IC133	142
IC134	142
IC135	142
IC136	142
IC137	142
IC138	142
IC139	142
IC140	155

SYMBOL NO.	INDEX NO.
IC141	152
IC142	152
IC143	157
IC144	158
IC145	159

JP

SYMBOL NO.	INDEX NO.
JP101	186

OSC

SYMBOL NO.	INDEX NO.
OSC101	163
OSC102	165
OSC103	164

LED

SYMBOL NO.	INDEX NO.
LED102	138
LED202	140

PC

SYMBOL NO.	INDEX NO.
PC101	139

71.BCU BOARD (B064/B065)

Q

SYMBOL NO.	INDEX NO.
Q101	141
Q102	141
Q103	129
Q104	126
Q105	128
Q106	141
Q107	161
Q108	141
Q109	126
Q110	126

SYMBOL NO.	INDEX NO.
Q111	127
Q112	127
Q113	130
Q114	130
Q115	141
Q116	141
Q117	127
Q118	126
Q119	126
Q120	141

SYMBOL NO.	INDEX NO.
Q121	144

RESISTOR

SYMBOL NO.	INDEX NO.
R101	197
R102	195
R103	197
R104	195
R105	202
----	----
R107	202
R108	196
R109	196
R110	196

SYMBOL NO.	INDEX NO.
R111	196
R112	197
R113	195
R114	195
R115	204
R116	204
R117	204
R118	204
R119	204
R120	204

SYMBOL NO.	INDEX NO.
R121	204
R122	204
R123	204
R124	204
R125	204
R126	204
R127	204
R128	204
R129	204
R130	204

SYMBOL NO.	INDEX NO.
R131	204
R132	204
R133	202
R134	202
R135	202
R136	202
R137	197
R138	195
R139	197
R140	197

RESISTOR

SYMBOL NO.	INDEX NO.
R141	195
R142	202
R143	202
R144	202
R145	202
R146	195
R147	197
R148	196
R149	225
R150	218

SYMBOL NO.	INDEX NO.
R151	196
R152	196
R153	196
R154	196
R155	196
R156	196
R157	196
R158	196
R159	196
R160	211

SYMBOL NO.	INDEX NO.
R161	197
----	----
R163	196
R164	196
R165	211
R166	196
R167	197
R168	195
R169	196
R170	197

SYMBOL NO.	INDEX NO.
R171	196
R172	197
R173	197
R174	197
R175	196
R176	196
R177	196
R178	197
R179	204
R180	197

SYMBOL NO.	INDEX NO.
R181	196
R182	204
R183	209
R184	209
R185	209
R186	209
R187	200
R188	192
R189	196
R190	193

SYMBOL NO.	INDEX NO.
R191	215
R192	209
R193	197
R194	200
R195	166
R196	200
R197	204
R198	193
R199	231
R200	196

SYMBOL NO.	INDEX NO.
R201	209
R202	193
R203	209
R204	185
R205	193
R206	230
R207	193
R208	197
R209	195
R210	197

71.BCU BOARD (B064/B065)

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.
R211	195	R221	200	R231	197	R241	196	R251	197	R261	196	R271	227
R212	216	R222	196	R232	195	R242	195	R252	199	R262	196	R272	194
R213	196	R223	196	R233	197	R243	197	R253	184	R263	197	R273	222
R214	196	R224	209	R234	197	R244	196	R254	184	R264	197	R274	197
R215	213	R225	209	R235	197	R245	197	----	----	R265	197	R275	194
R216	213	R226	195	R236	195	R246	197	R256	199	R266	197	R276	194
R217	209	R227	197	R237	197	R247	197	R257	208	R267	197	R277	195
R218	209	R228	197	R238	195	R248	216	R258	197	R268	205	R278	194
R219	200	R229	196	R239	197	R249	196	R259	197	R269	205	R279	194
R220	209	R230	197	R240	197	R250	197	R260	196	R270	196	R280	197

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.
R281	195	R291	197	R301	195	R311	206	R321	197	R331	196	R341	196
R282	197	R292	201	R302	206	R312	197	R322	196	R332	196	R342	213
R283	214	R293	201	R303	197	R313	195	R323	197	R333	196	R343	213
R284	194	R294	197	R304	197	R314	206	R324	228	R334	196	R344	196
R285	194	R295	195	R305	208	R315	197	R325	196	R335	196	R345	196
R286	194	R296	206	R306	201	R316	195	R326	224	R336	196	R346	196
R287	197	R297	197	R307	195	R316	196	R327	210	R337	197	R346	213
R288	195	R298	195	R308	206	R317	202	R328	210	R338	196	R347	228
R289	197	R299	197	R309	197	R319	197	R329	224	R339	196	R349	213
R290	197	R300	197	R310	195	R320	196	R330	196	R340	196	R350	229

71.BCU BOARD (B064/B065)

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.
R351	196	R361	197	R371	197	R381	196	R391	215	R401	196	R411	208
R352	196	R362	197	R372	197	R382	196	R392	215	R402	196	R412	195
R353	196	R363	215	R373	197	R383	196	R393	196	R403	196	R413	197
R354	196	R364	197	R374	197	R384	219	R394	196	R404	197	R414	197
R355	196	R365	197	R375	208	R385	219	R395	197	R405	208	R415	197
R356	215	R366	197	R376	208	R386	197	R396	197	R406	197	R416	197
R357	226	R367	197	R377	196	R387	215	R397	196	R407	196	R417	195
R358	196	R368	196	R378	209	R388	197	R398	197	R408	196	R418	197
R359	213	R369	197	R379	196	R389	197	R399	197	R409	196	R419	197
R360	219	R370	197	R380	209	R390	215	R400	208	R410	196	R420	197

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.
R421	197	R431	197	R441	197	R451	196	R461	202	R471	202	R481	197
R422	197	R432	197			R452	212	R462	207	R472	198	R482	196
R423	197	R433	223	R443	196	R453	196	R463	202	R473	196	R483	208
R424	197	R434	197	R444	212	R454	221	R464	207	R474	195		
R425	197	R435	197	R445	208	R455	195	R465	203	R475	197		
R426	197	R436	220	R446	197	R456	217	R466	201	R476	197		
R427	197	R437	197	R447	196	R457	197	R467	202	R477	197		
R428	197	R438	220	R448	196	R458	196	R468	207	R478	196		
R429	197	R439	223	R449	197	R459	197	R469	202	R479	197		
R430	197	R440	196	R450	196	R460	197	R470	207	R480	202		

71.BCU BOARD (B064/B065)

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN101	168	RN111	171	RN121	168	RN131	172	RN141	167	RN151	169	RN161	173
RN102	168	RN112	176	RN122	168	RN132	172	RN142	167	RN152	169	RN162	169
RN103	174	RN113	168	RN123	168	RN133	172	RN143	167	RN153	169	RN163	173
RN104	174	RN114	168	RN124	168	RN134	172	RN144	168	RN154	175	RN164	173
RN105	170	RN115	170	RN125	168	RN135	168	RN145	170	RN155	175	RN165	176
RN106	168	RN116	168	RN126	167	RN136	167	RN146	168	RN156	175	RN166	176
RN107	168	RN117	168	RN127	168	RN137	170	RN147	168	RN157	175	RN167	169
RN108	171	RN118	176	RN128	168	RN138	168	RN148	173	RN158	173	RN168	173
RN109	171	RN119	170	RN129	170	RN139	168	RN149	173	RN159	173	RN169	173
RN110	171	RN120	168	RN130	176	RN140	167	RN150	169	RN160	173		

SWITCH

SYMBOL NO.	INDEX NO.
SW101	125

TB

SYMBOL NO.	INDEX NO.
TB101	104
TB102	102

TP

SYMBOL NO.	INDEX NO.
TP189	101
TP192	101
TP193	101
TP201	101
TP207	101
TP209	101
TP213	101
TP217	101
TP218	101
TP219	101

ZD

SYMBOL NO.	INDEX NO.
TP222	101
TP223	101
ZD101	137
ZD102	137
ZD103	137
ZD104	137
ZD105	136
ZD106	137
ZD107	135

71.BCU BOARD (B064/B065)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B065 5120	BCU Board	1
1	A232 5355	IC - GATEX	1
2	B004 5120	IC - HG71C114FL	1
3	B065 5128	IC - GASTM	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1100 1474	Test Pin	
102	1102 3597	Pin Header - 4P	
103	1102 5304	Connector - 5P	
104	1102 5943	Connector - 2P	
105	1102 6295	Connector - 2P	
106	1102 6296	Connector - 3P	
107	1102 6297	Connector - 4P	
108	1102 6325	Connector - 4P	
109	1102 6393	Connector - 10P	
110	1102 6395	Connector - 1P	
111	1102 6396	Connector - 1P	
112	1102 6397	Box Header	
113	1102 6399	Connector - 22P	
114	1102 6401	Connector - 26P	
115	1102 6403	Connector - 30P	
116	1102 6515	Connector - 34P	
117	1102 8210	Connector - 2P	
118	1102 8472	Connector - 55447-0810	
119	1102 8476	Connector - 55447-1210	
120	1102 8480	Connector - 55447-1610	
121	1102 8553	Connector - 3-353308-6	
122	1102 9037	Connector - WR-50P-VF-1	
123	1103 1317	Connector	
124	1109 0007	IC - MINISMDC100-02	
125	1204 1537	DIP Switch	
126	1400 0619	Transistor - DTA143EKA	
127	1400 0728	Transistor - 2SD2170	
128	1400 0731	Transistor - 2SD1766	
129	1400 0775	Transistor - 2SC4081	
130	1401 0972	Transistor - 2SB1260	
131	1402 1041	Diode - DA204U	
132	1402 1112	Diode - ERA83-004	
133	1402 1142	Diode Array - DAN217	
134	1402 1336	Diode - 1SS355	
135	1402 1432	Diode - HZS18-1	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1447	Diode - PTZ5.1B	
137	1402 1663	Diode - ZTP12B	
138	1403 0907	Diode - SML-310LT	
139	1403 0944	Photocoupler - PC817X1	
140	1403 0978	LED - SML-310DT	
141	1407 1535	IC - TD62308AP	
142	1407 2187	TTLIC - SN74LS07NS	
143	1407 2218	TTLIC - SN74LS06NS	
144	1407 2219	IC - TD62003AP	
145	1407 3357	Comparator - BA10393F	
146	1407 4649	IC - TC7S32FU	
147	1407 4947	IC - 74LCX244	
148	1407 4948	IC - 74LCX245 TSSOP	
149	1407 4959	IC - MC68334GCFC20	
150	1407 4963	IC - MBM29F800TA-70pFTN	
151	1407 5344	IC - SN74LV02APW	
152	1407 5351	IC - SN74LV14APW	
153	1407 5369	IC - SN74AHCT32PW	
154	1407 5374	IC - SN74LV4052APW	
155	1407 5398	IC - CD4066BNS	
156	1407 5427	IC - 74ACH1G32DCK	
157	1408 0810	IC - BA10358F	
158	1408 0826	IC - TA8428K	
159	1408 0827	IC - TA8429H	
160	1408 0942	IC - BA4558F	
161	1408 1206	Transistor-array - TD62M4700F	
162	1408 1730	IC - MM1096BF	
163	1503 0460	Oscillator - 32.768Khz	
164	1503 0946	Crystal Oscillator - 9.8304MHz	
165	1503 1004	Oscillator - 19.6608MHz	
166	1601 5319	Resistor-3.9 Ω $\pm$ 5% 2W	
167	1601 7751	Resistor - 4.7K Ω $\pm$ 5%	
168	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
169	1601 7757	Resistor 0 Ω	
170	1601 7781	Resistor - 10 Ω $\pm$ 5%	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1601 7814	Resistor - 3.3K Ω $\pm$ 5%	
172	1601 7866	Resistor Array - 150 Ω $\pm$ 5%	
173	1601 7867	Resistor - 33 Ω $\pm$ 5% 1/16W	
174	1601 7871	Resistor - 68 Ω $\pm$ 5% 1/16W	
175	1601 7879	Resistor - 22 Ω $\pm$ 5% 1/16W	
176	1601 7899	Resistor Array - 56 Ω $\pm$ 5% 1/16W	
177	1604 4553	Capacitor - 220 μ F $\pm$ 20% 35V	
178	1605 1135	Capacitor - 0.47 μ F $\pm$ 1% 10V	
179	1605 1137	Capacitor - 470pF $\pm$ 10% 50V	
180	1607 0732	Noise Filter - AEF321825-470	
181	1607 0758	Filter - DSS710D223A12-22	
182	1607 0852	Filter - BLM41P750SPB	
183	1607 1021	Filter - MM1608D800B	
184	1610 1374	Resistor - 2.2K Ω $\pm$ 5% 1/2W	
185	1610 1638	Resistor - 10M Ω $\pm$ 1%10W	
186	1631 0000	Resistor - 0 Ω 1/4W	
187	1640 2330	Capacitor - 33UF+80%-20%25V	
188	1640 2470	Capacitor - 47 μ F $\pm$ 20% 25V	
189	1640 3101	Capacitor - 100 μ F $\pm$ 20% 35V	
190	1640 5330	Capacitor - 33 μ F $\pm$ 20% 50V	
191	1640 5470	Capacitor - 47 μ F $\pm$ 20% 50V	
192	1650 2101	Resistor - 100 Ω $\pm$ 5% 1/4W	
193	1650 2151	Resistor - 150 Ω $\pm$ 5% 1/4W	
194	1650 3221	Resistor - 220 Ω $\pm$ 5%1/8W	
195	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
196	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
197	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
198	1650 4112	Resistor - 1.1k Ω $\pm$ 5% 1/10w 1608	
199	1650 4132	Resistor - 1.3K Ω $\pm$ 5% 1/10W 1608	
200	1650 4151	Resistor - 150 Ω $\pm$ 5%1/10W	
201	1650 4154	Resistor 150K Ω $\pm$ 5% 1/10W	
202	1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	
203	1650 4223	Resistor - 22K Ω $\pm$ 5%1/10W	
204	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
205	1650 4332	Resistor - 3.3K Ω $\pm$ 5%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1650 4362	Resistor - 3.6K Ω ±5% 1/10W	
207	1650 4392	Chip Resistor - 3.9k Ω ±5% 1/10W	
208	1650 4472	Resistor - 4.7K Ω ±5% 1/10W	
209	1650 4560	Chip Resistor - 56 Ω ±5% 1/10W	
210	1650 4562	Resistor - 5.6K Ω ±5% 1/10W	
211	1650 4751	Resistor - 750 Ω ±5% 1/10W	
212	1650 4910	Resistor - 91 Ω ±5% 1/10W	
213	1654 1001	Resistor - 1K Ω ±1% 1/10W	
214	1654 1002	Resistor - 10K Ω ±5% 1/10W	
215	1654 1003	Resistor - 100K Ω ±1% 1/10W	
216	1654 1004	Chip Resistor - 1m Ω ±1% 1/10W	
217	1654 1102	Resistor - 11K Ω ±1% 1/10W	
218	1654 1303	Resistor - 130K Ω ±1% 1/10W 1608	
219	1654 1401	Resistor - 1.4K Ω ±1% 1/10W 1608	
220	1654 1501	Resistor - 1.5K Ω ±1% 1/10W 1608	
221	1654 1542	Resistor - 15.4K Ω ±1% 1/10W 1608	
222	1654 1911	Resistor - 1.91K Ω ±1% 1/10W 1608	
223	1654 3601	Resistor - 3.6K Ω ±1% 1/10W	
224	1654 3602	Resistor - 36K Ω ±1% 1/10W 1608	
225	1654 3903	Resistor - 390K Ω ±1% 1/10W	
226	1654 4702	Chip Resistor - 47k Ω ±1% 1/10W	
227	1654 4990	Resistor - 499 Ω ±1% 1/10W	
228	1654 5231	Resistor - 5.23K Ω ±1% 1/10W	
229	1654 5360	Resistor - 536 Ω ±1% 1/10W 1608	
230	1654 8203	Resistor - 820K Ω ±1% 1/10W 1608	
231	1654 9109	Resistor - 91 Ω ±1% 1/10W	
232	1660 2101	Capacitor - 100pF - ±10% - 50V	
233	1660 2150	Capacitor - 15pF ±5% 50V	
234	1660 2220	Capacitor - 22pF ±20% 35V	
235	1660 2270	Capacitor - 27pF ±20% 35V	
236	1660 2330	Capacitor - 33pF - ±5% - 50V	
237	1660 2391	Capacitor - 390pF ±5% 50V	
238	1660 2470	Capacitor - 47pF ±5% 50V	
239	1660 4102	Capacitor - 1000pF ±10% 50V	
240	1660 4222	Capacitor - 2200pF - ±10% - 50V	

Index No.	Part No.	Description	Q'ty Per Assembly
241	1660 4472	Capacitor - 4700pF±10% 50V	
242	1660 6103	Capacitor - 10000pF - +80%-20%50V	
243	1660 6473	Capacitor - 47000pF +80,-20% 50V	
244	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
245	1902 0042	RAM-1M X8 70NS TSOP G2	

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

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	211	C11	261	C21	261	C31	185	C41	261	C51	184	C61	265
C2	268	C12	261	C22	261	C32	185	C42	261	C52	261	---	---
C3	268	C13	261	C23	261	C33	186	C43	185	C53	268	C63	259
C4	268	C14	261	C24	261	C34	185	C44	268	C54	185	C64	265
C5	184	C15	261	C25	261	C35	185	C45	261	C55	268	C65	265
C6	184	C16	261	C26	185	C36	182	C46	185	C56	184	C66	268
C7	184	C17	261	C27	184	C37	186	C47	185	C57	185	C67	185
C8	261	C18	261	C28	184	C38	261	C48	261	C58	184	C68	185
C9	261	C19	261	C29	268	C39	185	C49	185	C59	185	C69	260
C10	261	C20	261	C30	185	C40	261	C50	261	C60	212	C70	184

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	185	C81	257	C91	185	C101	185	C111	268	C121	185	C131	184
C72	259	C82	185	C92	184	C102	213	C112	184	C122	184	C132	183
C73	185	C83	185	C93	185	C103	182	C113	265	C123	184	C133	184
C74	259	C84	260	C94	185	C104	184	C114	265	C124	184	---	---
C75	258	---	---	C95	185	C105	211	C115	184	C125	268	C135	185
C76	184	---	---	C96	185	C106	211	C116	268	---	---	C136	263
C77	268	C87	260	C97	185	C107	211	C117	268	C127	184	C137	264
C78	185	C88	214	C98	185	C108	257	---	---	C128	184	C138	257
C79	185	---	---	C99	185	C109	268	---	---	C129	184	C139	185
C80	257	---	---	C100	185	C110	265	C120	184	C130	188	C140	265

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

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.
C141	265	C151	188	C161	265	C171	184	C181	268	C191	265
C142	265	C152	268	C162	268	C172	268	C182	268	C192	184
C143	188	C153	268	C163	268	C173	265	C183	184	C193	184
C144	184	C154	268	C164	268	C174	184	C184	184	C194	184
C145	184	C155	268	C165	265	C175	265	C185	268	C195	266
C146	184	C156	268	C166	257	C176	268	C186	268	C196	266
C147	184	C157	265	C167	184	C177	268	C187	184	C197	265
C148	265	C158	265	C168	184	C178	184	C188	265	C198	265
C149	184	C159	266	---	---	C179	268	C189	268	C199	184
C150	263	C160	184	C170	265	C180	184	C190	268	C200	265
										C201	268
										C202	265
										C203	265
										C204	265
										C205	265
										C206	265
										C207	265
										C208	184
										C209	184
										C210	265

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.
C211	265	C221	268	---	---	C241	184	C251	184	C261	184
C212	184	C222	268	C232	184	C242	184	C252	184	C262	184
C213	265	---	---	C233	184	C243	184	C253	184	C263	184
C214	268	C224	184	C234	268	C244	268	C254	184	C264	184
C215	184	C225	268	C235	265	C245	184	C255	268	C265	268
C216	265	C226	184	---	---	C246	184	C256	268	C266	184
---	---	---	---	---	---	C247	268	C257	268	C267	268
C218	184	C228	184	C238	268	C248	268	C258	268	C268	184
C219	184	C229	268	C239	184	C249	268	C259	184	C269	265
---	---	C230	265	C240	184	C250	184	C260	268	C270	184
										C271	265
										C272	184
										C273	265
										C274	265
										C275	185
										C276	185
										C277	265
										C278	265
										---	---
										C280	265

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

CAPACITOR

SYMBOL NO.	INDEX NO.
C281	184
C282	185
C283	185
C284	262
C285	257
C286	188
C287	262
C288	262
C289	262
C290	265

SYMBOL NO.	INDEX NO.
C291	265
C292	268
C293	265
C294	265
C295	185
C296	185
C297	265
C298	265
C299	268
C300	184

SYMBOL NO.	INDEX NO.
C301	186
C302	184
C303	268
C304	184
C305	185
C306	185
C307	184
C308	268
---	---
C310	268

SYMBOL NO.	INDEX NO.
C311	184
C312	268
C313	262
C314	267
C315	267
C316	268
C317	268
C318	268
C319	264
C320	268

SYMBOL NO.	INDEX NO.
C321	188
C322	187
C323	267

CONNECTOR

SYMBOL NO.	INDEX NO.
CN200	102
CN201	103
CN202	108
CN203	111
CN204	110
CN205	121
CN206	115
CN207	122
CN208	123
CN209	108

SYMBOL NO.	INDEX NO.
CN210	120
CN211	119
CN212	113
CN213	104
CN214	117
CN215	112
CN216	105
CN217	116
CN218	125
CN219	112

CAPACITOR

SYMBOL NO.	INDEX NO.
CN220	107
CN221	106
CN222	114
CN223	109
CN224	118
CN225	124
CN226	105

DIODE

SYMBOL NO.	INDEX NO.
D1	139
D2	139
D3	142
D4	139
D5	139
D6	137
D7	137
D8	137
D9	139
D10	139

SYMBOL NO.	INDEX NO.
D11	137
D12	142
D13	139
D14	142
D15	139
D16	139
D17	137

DA

SYMBOL NO.	INDEX NO.
DA1	138
DA2	138
DA3	138
DA4	136
DA5	136

FILTER

SYMBOL NO.	INDEX NO.
FI L1	189
FI L2	191
FI L3	191
FI L4	192
---	---
FI L6	194
FI L7	190
FI L8	191
FI L9	193

FUSE

SYMBOL NO.	INDEX NO.
FU1	127

IC

SYMBOL NO.	INDEX NO.
IC1	161
IC2	270
IC3	157
IC4	148
IC5	155
IC6	155
IC7	155
IC8	269
IC9	269
IC10	269

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

IC

SYMBOL NO.	INDEX NO.
I C11	269
I C12	163
I C13	148
I C14	165
I C15	160
---	---
I C16	160
I C17	151
I C18	168
I C19	162
---	---

SYMBOL NO.	INDEX NO.
---	---
I C22	153
I C23	165
---	---
I C25	2
---	---
---	---
I C28	152
I C28	165
I C29	149
I C30	148

SYMBOL NO.	INDEX NO.
I C31	126
I C32	154
---	---
I C34	1
I C35	148
---	---
I C36	164
I C37	3
I C38	153
I C39	156
I C40	151

SYMBOL NO.	INDEX NO.
I C41	148
I C42	148
I C43	148
I C44	148
I C45	148
---	---
I C46	148
I C47	148
I C48	154
I C49	154
I C50	167

SYMBOL NO.	INDEX NO.
I C51	148
I C52	148
I C53	151
I C54	159
I C55	157
---	---
I C56	158
I C57	168

JP

SYMBOL NO.	INDEX NO.
JP1	210
---	---
---	---
---	---
JP5	209
---	---
---	---
---	---
---	---
JP62	210

LED

SYMBOL NO.	INDEX NO.
LED1	146
LED2	145

OSC

SYMBOL NO.	INDEX NO.
OSC1	169
OSC2	170
OSC3	171

Q

SYMBOL NO.	INDEX NO.
Q1	133
Q2	134
Q3	131
Q4	147
Q5	147
---	---
Q6	166
Q7	134
Q8	134
Q9	147
Q10	147

SYMBOL NO.	INDEX NO.
Q11	135
Q12	135
Q13	147
Q14	130
Q15	130
---	---
Q17	134
Q18	147
Q18	134
Q19	147

SYMBOL NO.	INDEX NO.
Q20	132
Q21	150
Q22	129
Q23	134
Q24	130

RESISTOR

SYMBOL NO.	INDEX NO.
R1	220
R2	220
R3	220
R4	226
R5	226
---	---
R6	228
R7	228
R8	221
R9	221
R10	220

SYMBOL NO.	INDEX NO.
R11	247
R12	221
R13	248
R14	220
R15	220
---	---
R16	220
R17	220
R18	234
R19	220
R20	234

SYMBOL NO.	INDEX NO.
R21	221
R22	221
R23	220
R24	215
R25	228
---	---
R26	225
R27	225
R28	228
R29	220
R30	216

PC

SYMBOL NO.	INDEX NO.
PC1	144

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

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	219	R41	208	R51	219	R61	239	R71	218	R81	217	R91	220
R32	225	R42	216	R52	219	---	---	R72	221	R82	217	R92	220
R33	238	R43	255	R53	220	R63	221	R73	221	R83	217	R93	220
R34	172	R44	216	R54	220	R64	223	---	---	R84	231	R94	220
R35	221	R45	221	R55	226	---	---	R75	220	R85	222	R95	220
R36	225	R46	216	R56	235	R66	220	R76	217	R86	226	R96	247
R37	225	R47	221	R57	235	R67	220	R77	217	R87	221	R97	247
R38	256	R48	239	R58	226	R68	223	R78	217	R88	221	---	---
R39	220	R49	236	R59	221	---	---	R79	217	R89	220	R99	218
R40	216	R50	236	---	---	R70	226	R80	217	R90	221	---	---

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	220	---	---	R121	253	R131	224	R141	220	R151	226	R161	221
R102	220	R112	248	R122	238	R132	220	R142	242	R152	221	R162	218
R103	220	R113	232	---	---	R133	236	R143	242	R153	220	R163	220
R104	229	---	---	R124	221	R134	221	R144	238	R154	220	R164	233
R105	234	R115	247	R125	234	R135	220	R145	238	R155	226	R165	230
---	---	R116	251	R126	220	R136	224	R146	238	R156	233	R166	220
R107	221	R117	234	R127	225	R137	221	R147	238	R157	220	R167	221
---	---	---	---	---	---	R138	221	R148	220	R158	220	R168	221
R109	234	R119	241	R129	242	R139	221	R149	220	R159	221	R169	249
R110	234	---	---	R130	238	R140	221	R150	220	R160	220	R170	221

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	249	R181	220	R191	221	R201	220	R211	218	R221	220	---	---
R172	243	R182	245	R192	218	R202	226	R212	226	R222	250	---	---
R173	243	R183	230	R193	221	R203	233	R213	231	R223	246	R233	221
R174	230	R184	224	R194	240	R204	221	R214	221	R224	232	R234	221
---	---	R185	224	R195	221	R205	238	R215	221	R225	229	R235	221
R176	230	R186	218	R196	220	---	---	R216	221	R226	252	R236	221
---	---	R187	221	R197	233	---	---	R217	218	R227	236	R237	218
R178	254	R188	244	R198	227	R208	221	R218	221	---	---	R238	221
---	---	R189	237	R199	226	R209	246	R219	221	R229	230	R239	230
R180	221	R190	218	R200	220	R210	250	R220	218	R230	221	R240	220

RESISTOR

SYMBOL NO.	INDEX NO.
R241	230
R242	230
R243	221

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN1	173	RN11	173	RN21	173	RN31	202	RN41	173	RN51	173	RN61	173
RN2	173	RN12	198	RN22	199	RN32	173	RN42	173	RN52	176	RN62	176
RN3	176	RN13	198	RN23	199	RN33	196	RN43	173	RN53	177	RN63	177
RN4	203	RN14	204	RN24	196	RN34	177	RN44	196	RN54	181	RN64	181
RN5	179	RN15	204	RN25	195	RN35	176	RN45	204	RN55	195	RN65	195
RN6	179	RN16	204	RN26	195	RN36	173	RN46	175	RN56	202	RN66	202
RN7	179	RN17	204	RN27	180	RN37	173	RN47	173	RN57	173	RN67	173
RN8	179	RN18	176	RN28	173	RN38	173	RN48	196	RN58	173	RN68	173
RN9	197	RN19	205	RN29	181	RN39	175	RN49	181	RN59	176	RN69	176
RN10	177	RN20	204	RN30	173	RN40	176	RN50	173	RN60	173	RN70	173

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RN

SYMBOL NO.	INDEX NO.
RN61	206
RN62	206
RN63	176
RN64	173
RN65	173
RN65	207
RN66	195
RN67	173
RN68	173

SYMBOL NO.	INDEX NO.
RN69	207
RN69	176
RN70	173
RN71	195
RN72	173
RN73	173
RN74	173
RN75	176
RN76	173
---	---

SYMBOL NO.	INDEX NO.
RN78	204
RN79	173
RN80	174
RN81	176
RN82	173
RN83	173
---	---
RN85	173
---	---
RN87	173
RN88	176

SYMBOL NO.	INDEX NO.
RN89	173
RN90	173
RN91	173
RN92	173
RN93	173
RN94	173
RN95	201
RN96	173
RN97	200
RN98	176

SYMBOL NO.	INDEX NO.
RN99	173
RN100	178
RN101	176
RN102	178
RN103	173
RN104	173

SWITCH

SYMBOL NO.	INDEX NO.
SW1	128

TP

SYMBOL NO.	INDEX NO.
---	---
TP3	101
---	---
---	---
---	---
TP7	101
---	---
TP9	101
---	---
---	---

TP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
TP96	101
---	---
---	---
TP109	101
---	---
TP111	101

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
TP119	101
---	---
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SYMBOL NO.	INDEX NO.
TP122	101
TP123	101
TP124	101
TP125	101
TP126	101

ZD

SYMBOL NO.	INDEX NO.
ZD1	141
ZD2	143
ZD3	143
ZD4	143
ZD5	143
ZD6	140
ZD7	143

72.BCU BOARD (B140/B141/B142/B143/B163/B228)

Rev. 04/22/2005

Index No.	Part No.	Description	Q'ty Per Assembly
*	B163 5122	PCB:BCU:EXP:Service (B140/B141/B142/B143/B163/B228)	1
1	A232 5355	IC - GATEX	1
2	B004 5120	IC - HG71C114FL	1
3	B065 5128	IC - GASTM	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1100 1475	Test Pin	
102	1102 5301	Connector - 2P	
103	1102 5302	Connector - 3P	
104	1102 6295	Connector - 2P	
105	1102 6296	Connector - 3P	
106	1102 6297	Connector - 4P	
107	1102 6311	Connector:53324-0462	
108	1102 6393	Connector - 10P	
109	1102 6395	Connector - 1P	
110	1102 6397	Box Header	
111	1102 6398	Connector - 53313-2065	
112	1102 6399	Connector - 22P	
113	1102 6401	Connector - 26P	
114	1102 6403	Connector - 30P	
115	1102 6515	Connector - 34P	
116	1102 8210	Connector - 2P	
117	1102 8467	Connector - 55447-0370	
118	1102 8471	Connector - 55447-0780	
119	1102 8478	Connector - 55447-1480	
120	1102 8480	Connector - 55447-1610	
121	1102 8489	Connector - 55451-3070	
122	1102 8553	Connector - 3-353308-6	
123	1102 9037	Connector - WR-50P-VF-1	
124	1102 9120	Connector - 2-292208-2	
125	1103 1317	Connector	
126	1407 6056	EEPROM: M24C08 - WBN6	
127	1109 0007	IC - MINISMDC100-02	
128	1204 1537	DIP Switch	
129	1400 0556	Transistor - DTB143EK	
130	1400 0728	Transistor - 2SD2170	
131	1400 0731	Transistor - 2SD1766	
132	1400 0768	Transistor - DTC124EUA	
133	1400 0775	Transistor - 2SC4081	
134	1400 0909	Transistor - DTA143EUA	
135	1401 0972	Transistor - 2SB1260	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1041	Diode - DA204U	
137	1402 1112	Diode - ERA83-004	
138	1402 1142	Diode Array - DAN217	
139	1402 1336	Diode - 1SS355	
140	1402 1432	Diode - HZS18-1	
141	1402 1447	Diode - PTZ5.1B	
142	1402 1530	Diode - RB520S-30	
143	1402 1663	Diode - ZTP12B	
144	1403 0944	Photocoupler - PC817X1	
145	1403 0978	LED - SML-310DT	
146	1403 0996	LED - SML-310VT	
147	1407 1535	IC - TD62308AP	
148	1407 2187	TTLIC - SN74LS07NS	
149	1407 2218	TTLIC - SN74LS06NS	
150	1407 2219	IC - TD62003AP	
151	1407 3357	Comparator - BA10393F	
152	1407 4959	IC - MC68334GCFC20	
153	1407 5344	IC - SN74LV02APW	
154	1407 5351	IC - SN74LV14APW	
155	1407 5353	IC - SN74LV244APW	
156	1407 5369	IC - SN74AHCT32PW	
157	1407 5374	IC - SN74LV4052APW	
158	1407 5388	CMOS IC - SN74LV08ANS	
159	1407 5414	CMOS IC - SN74LV14ANS	
160	1407 5415	CMOS IC - SN74LV32ANS	
161	1407 5427	IC - 74ACH1G32DCK	
162	1407 5463	CMOS IC - SN74LV245APW	
163	1407 5712	CMOS IC - SN74LV07ANS	
164	1408 0826	IC - TA8428K	
165	1408 0942	IC - BA4558F	
166	1408 1206	Transistor-array - TD62M4700F	
167	1408 1680	IC - LM358D	
168	1408 1730	IC - MM1096BF	
169	1503 0460	Oscillator - 32.768Khz	
170	1503 1004	Oscillator - 19.6608Mhz	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1503 1213	Oscillator - 19.8304Mhz	
172	1601 5319	Resistor-3.9 Ω $\pm$ 5% 2W	
173	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
174	1601 7757	Resistor 0 Ω	
175	1601 7760	Resistor - 100 Ω : $\pm$ 5%:1/16W	
176	1601 7781	Resistor - 10 Ω $\pm$ 5%	
177	1601 7791	Resistor Array:1K Ω : $\pm$ 5%:1/16W	
178	1601 7796	Resistor Array:2.2K Ω : $\pm$ 5%:1/16W	
179	1601 7867	Resistor - 33 Ω $\pm$ 5% 1/16W	
180	1601 7879	Resistor - 22 Ω $\pm$ 5% 1/16W	
181	1601 7899	Resistor Array - 56 Ω $\pm$ 5% 1/16W	
182	1604 4779	Capacitor:220MF: $\pm$ 20%:35V	
183	1605 1135	Capacitor - 0.47 μ F $\pm$ 1% 10V	
184	1605 1137	Capacitor - 470pF $\pm$ 10% 50V	
185	1605 1148	Ceramic Capacitor:0.1 μ F: $\pm$ 80-20%:50V	
186	1605 1187	Ceramic Capacitor:0.047 μ F $\pm$ 10% 50V	
187	1605 1190	Ceramic Capacitor:0.022UF: $\pm$ 10%:50V	
188	1605 1225	Ceramic Capacitor:0.1UF: $\pm$ 10%:50V	
189	1607 0758	Filter - DSS710D223A12-22	
190	1607 1014	EMI Filter - BLM11P600SPB	
191	1607 1020	Filter:MMZ1608Y121B	
192	1607 1021	Filter - MM1608D800B	
193	1607 1251	EMI Filter:Chip:MPZ2012S221A	
194	1607 1495	Filter:ACF321825-332	
195	1609 0005	Resistor:33 Ω : $\pm$ 5%:1/16W	
196	1609 0006	Resistor:10K Ω : $\pm$ 5%:1/16W	
197	1609 0008	Resistor:4.7K Ω : $\pm$ 5%:1/16W	
198	1609 0011	Resistor:22 Ω : $\pm$ 5%:1/16W	
199	1609 0012	Resistor:3.3K Ω : $\pm$ 5%:1/16W	
200	1609 0013	Resistor:3.6K Ω : $\pm$ 5%:1/16W	
201	1609 0014	Resistor:3.9K Ω : $\pm$ 5%:1/16W	
202	1609 0016	Resistor:56 Ω : $\pm$ 5%:1/16W	
203	1609 0018	Resistor:2.2K Ω : $\pm$ 5%:1/16W	
204	1609 0019	Resistor:0 Ω :1608	
205	1609 0020	Resistor:10 Ω : $\pm$ 5%:1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1609 0025	Resistor:100Ω:±5%:1/16W	
207	1610 1374	Resistor - 2.2K Ω ±5% 1/2W	
208	1610 1638	Resistor - 10MΩ±1%10W	
209	1631 0000	Resistor - 0Ω 1/4W	
210	1634 0000	Resistor - 0 Ω 1/16W	
211	1640 2330	Capacitor - 33UF+80%-20%25V	
212	1640 2470	Capacitor - 47μF±20% 25V	
213	1640 3101	Capacitor - 100μF±20% 35V	
214	1640 5330	Capacitor - 33μF±20% 50V	
215	1650 2101	Resistor - 100Ω ±5% 1/4W	
216	1650 2151	Resistor - 150Ω ±5% 1/4W	
217	1650 3221	Resistor - 220Ω±5%1/8W	
218	1650 4100	Resistor - 10Ω ±5% 1/10W	
219	1650 4101	Resistor - 100Ω±5%1/10W	
220	1650 4102	Resistor - 1KΩ ±5% 1/10W	
221	1650 4103	Resistor - 10KΩ ±5% 1/10W	
222	1650 4112	Resistor - 1.1k Ω ±5% 1/10W 1608	
223	1650 4132	Resistor - 1.3K Ω ±5% 1/10W 1608	
224	1650 4154	Resistor 150kΩ ±5% 1/10W	
225	1650 4220	Chip Resistor - 22Ω ±5% 1/10W	
226	1650 4222	Resistor - 2.2KΩ±5%1/10W	
227	1650 4223	Resistor - 22KΩ±5%1/10W	
228	1650 4330	Chip Resistor - 33Ω ±5% 1/10W	
229	1650 4331	Resistor:330Ω:±5%:1/10W:1608	
230	1650 4332	Resistor - 3.3KΩ±5%1/10W	
231	1650 4362	Resistor - 3.6KΩ±5%1/10W	
232	1650 4392	Chip Resistor - 3.9kΩ±5%1/10W	
233	1650 4472	Resistor - 4.7KΩ ±5% 1/10W	
234	1650 4560	Chip Resistor - 56Ω ±5% 1/10W	
235	1650 4751	Resistor - 750Ω ±5% 1/10W	
236	1654 1001	Resistor - 1KΩ±1%1/10W	
237	1654 1002	Resistor - 10KΩ±5%1/10W	
238	1654 1003	Resistor - 100KΩ±1%1/10W	
239	1654 1004	Chip Resistor - 1mΩ ±1% 1/10W	
240	1654 1102	Resistor - 11KΩ±1%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
241	1654 1303	Resistor - 130K Ω ±1% 1/10W 1608	
242	1654 1401	Resistor - 1.4K Ω ±1% 1/10W 1608	
243	1654 1501	Resistor - 1.5K Ω ±1% 1/10W 1608	
244	1654 1542	Resistor - 15.4K Ω ±1% 1/10W 1608	
245	1654 1911	Resistor - 1.91K Ω ±1% 1/10W 1608	
246	1654 2001	Chip Resistor - 2kΩ ±1% 1/10W	
247	1654 2002	Resistor - 20KΩ±1%1/10W	
248	1654 2401	Resistor:2.4kΩ:±1%:1/10W:1608	
249	1654 3601	Resistor - 3.6KΩ ±1% 1/10W	
250	1654 3741	Resistor:3.74KΩ:±1%:1/10W:1608	
251	1654 3903	Resistor:390KΩ:±1%:1/10W:1608	
252	1654 4301	Resistor:4.3kΩ:±1%:1/10W:1608	
253	1654 4702	Chip Resistor - 47kΩ±1%1/10W	
254	1654 4990	Resistor - 499Ω ±1% 1/10W	
255	1654 8203	Resistor - 820K Ω ±1% 1/10W 1608	
256	1654 9109	Resistor - 91Ω ±1% 1/10W	
257	1660 2101	Capacitor - 100pF - ±10% - 50V	
258	1660 2120	Capacitor:12pF:50V:1608	
259	1660 2150	Capacitor - 15pF ±5% 50V	
260	1660 2180	Capacitor:18pF:±5%:50V	
261	1660 2330	Capacitor - 33pF - ±5% - 50V	
262	1660 2391	Capacitor - 390pF ±5% 50V	
263	1660 2470	Capacitor - 47pF ±5% 50V	
264	1660 4102	Capacitor - 1000pF ±10% 50V	
265	1660 4103	Capacitor - 10000pF - ±10% - 50V	
266	1660 4472	Capacitor - 4700pF±10% 50V	
267	1660 6103	Capacitor - 10000pF - +80%-20%50V	
268	1660 8104	Capacitor - 0.1μF+80-20% 25V	
269	1902 0068	SRAM:1M:X8:TSOP:G4	
270	1906 0040	RAM:8M:X8/X16:70ns:B:5V	1

73.IPU BOARD (B064/B065)

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.
C100	211	C110	210	C120	162	C130	209	C140	210	C150	211	C160	210
C101	209	C111	211	C121	210	C131	210	C141	205	C151	210	C161	211
C102	168	C112	205	C122	205	C132	205	C142	211	C152	205	C162	211
C103	167	C113	164	C123	211	C133	211	C143	211	C153	205	C163	205
C104	211	C114	211	C124	210	C134	164	C144	205	C154	210	C164	205
C105	211	C115	205	C125	205	C135	205	C145	210	C155	211	C165	211
C106	205	C116	210	C126	211	C136	211	C146	162	C156	205	C166	211
C107	210	C117	211	C127	167	C137	211	C147	211	C157	210	C167	211
C108	211	C118	205	C128	211	C138	205	C148	205	C158	211	C168	211
C109	205	C119	164	C129	168	C139	164	C149	211	C159	205	C169	211

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.
C170	211	C180	210	C211	210	C221	164	C231	210	C241	205	C251	208
C171	211	C181	211	C212	205	C222	205	C232	205	C242	211	C252	166
C172	211	C182	211	C213	211	C223	211	C233	211	C243	210	C253	211
C173	205	C183	211	C214	167	C224	211	C234	211	C244	210	C254	205
C174	205	C184	211	C215	211	C225	205	C235	205	C245	211	C255	211
C175	211	C185	211	C216	168	C226	210	C236	211	C246	211	C256	211
C176	205	C186	211	C217	209	C227	162	C237	211	C247	211	C257	160
C177	210	C187	211	C218	210	C228	211	C238	210	C248	211	C258	204
C178	211	----	----	C219	205	C229	205	C239	205	C249	205	C259	204
C179	205	C190	----	C220	211	C230	164	C240	205	C250	211	C260	204

73.IPU BOARD (B064/B065)

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.
C261	199	C271	162	C281	205	C291	164	C301	164	C311	205	C321	211
C262	211	C272	211	C282	211	C292	210	C302	211	C312	164	C322	205
C263	205	C273	210	C283	164	C293	205	C303	----	C313	210	C323	164
C264	205	C274	205	C284	205	C294	211	C304	211	C314	211	C324	211
C265	211	C275	211	C285	211	C295	167	C305	160	C315	211	C325	205
C266	211	C276	167	C286	211	C296	211	C306	211	C316	205	C326	----
C267	211	C277	211	C287	205	C297	----	C307	211	C317	164	C327	211
C268	205	C278	168	C288	210	C298	----	C308	205	C318	211	C328	211
C269	210	C279	209	C289	211	C299	211	C309	164	C319	205	C329	200
C270	211	C280	210	C290	205	C300	205	C310	211	C320	----	C330	200

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.
C331	211	C341	211	C351	211	C361	211	C371	202	C381	202	C391	202
C332	200	C342	211	C352	205	C362	161	C372	202	C382	202	C392	202
C333	200	C343	200	C353	211	C363	205	C373	202	C383	202	C393	202
C334	200	C344	210	C354	----	C364	211	C374	202	C384	202	C394	202
C335	----	C345	211	C355	211	C365	205	C375	202	C385	202	C395	202
C336	----	C346	205	C356	210	C366	211	C376	202	C386	202	C396	211
C337	211	C347	211	C357	161	C367	205	C377	202	C387	202	C397	211
C338	211	C348	205	C358	161	C368	211	C378	202	C388	202	C398	165
C339	211	C349	211	C359	207	C369	205	C379	202	C389	202	-----	-----
C340	211	C350	205	C360	161	C370	211	C380	202	C390	202	-----	-----

73.IPU BOARD (B064/B065)

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.
----	----	C421	168	C431	203	C441	210	C451	210	C461	210	C471	211
----	----	----	----	C432	203	C442	205	C452	205	----	----	C472	210
----	----	C423	211	C433	203	C443	205	C453	210	----	----	C473	210
----	----	C424	210	C434	203	C444	210	C454	205	C464	211	C474	210
----	----	C425	205	C435	205	C445	210	C455	210	C465	210	C475	210
C416	169	C426	205	C436	210	C446	210	C456	211	C466	205	C476	210
C417	210	C427	206	C437	205	C447	205	C457	210	C467	205	C477	210
----	----	C428	206	C438	205	C448	205	C458	210	C468	211	C478	210
----	----	C429	206	C439	210	C449	210	C459	205	C469	164	C479	205
C420	201	C430	206	C440	210	C450	205	C460	205	C470	164	C480	205

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C481	205	C491	211	C501	205	C511	205	C521	205	C531	162	C541	205
C482	211	C492	205	C502	211	C512	211	C522	211	C532	211	----	----
C483	205	C493	205	C503	211	C513	211	C523	211	C533	162	C543	211
C484	211	C494	211	C504	205	C514	205	C524	205	C534	211	C544	210
C485	211	C495	211	C505	205	C515	205	C525	205	C535	163	C545	205
C486	205	C496	205	C506	211	C516	211	C526	211	C536	210		
C487	211	C497	211	C507	205	C517	205	C527	211	C537	205		
C488	211	C498	211	C508	205	C518	205	C528	211	C538	210		
C489	205	C499	205	C509	211	C519	211	C529	211	C539	205		
C490	205	C500	211	C510	211	C520	211	C530	211	C540	210		

73.IPU BOARD (B064/B065)

CONNECTOR

SYMBOL NO.	INDEX NO.
CN340	120
CN341	116
CN342	119
CN343	118
CN344	117
CN345	121
CN346	112
CN347	113
CN348	111
CN349	115

SYMBOL NO.	INDEX NO.
CN351	115
CN352	115
CN353	115
CN355	114
CN356	115
CN357	115

DIODE

SYMBOL NO.	INDEX NO.
D100	126

DB

SYMBOL NO.	INDEX NO.
DB100	127

FILTER

SYMBOL NO.	INDEX NO.
FIL100	170
FIL101	170
FIL102	170
FIL103	170
FIL104	170
FIL105	170
FIL106	----
FIL107	170
FIL108	----
FIL109	170

SYMBOL NO.	INDEX NO.
FIL110	170
FIL111	170
FIL112	170
FIL113	----
FIL114	170
FIL115	170
FIL116	170
FIL117	170
FIL118	170
FIL119	----

SYMBOL NO.	INDEX NO.
----	----
FIL121	170
FIL122	170
FIL123	170
FIL124	170
FIL125	170
FIL126	170
FIL127	170
FIL128	170
FIL129	170

SYMBOL NO.	INDEX NO.
FIL130	170
FIL131	171
FIL132	170
FIL133	170
FIL134	170
FIL135	170
FIL136	170
FIL137	170
FIL138	170
FIL139	170

FILTER

SYMBOL NO.	INDEX NO.
FIL140	170
FIL141	170
FIL142	170
FIL143	170
FIL144	170
FIL145	170
FIL146	170
FIL147	170

IC

SYMBOL NO.	INDEX NO.
IC101	3
IC102	130
IC103	2
IC104	1
IC105	142
IC106	142
IC107	142
----	----
IC109	142
IC110	212

SYMBOL NO.	INDEX NO.
IC111	212
IC112	212
IC113	212
IC114	212
IC115	212
IC116	212
IC117	212
IC118	136
IC119	131
----	----

SYMBOL NO.	INDEX NO.
IC121	143
----	----
IC123	138
----	----
IC125	135
IC126	135
IC127	139
----	----
IC129	132
IC130	139

SYMBOL NO.	INDEX NO.
IC131	145
IC132	132
IC133	134
IC134	137
IC135	140
IC136	133
IC137	141

JP

SYMBOL NO.	INDEX NO.
JP101	193
JP102	193
JP103	172
----	----
JP105	193
JP106	193
JP107	193
JP108	193
JP109	193
JP110	193

SYMBOL NO.	INDEX NO.
JP111	193
JP112	193
JP113	193
JP114	193
JP115	193
JP116	193
JP117	193
JP118	193
JP119	193
JP120	193

73.IPU BOARD (B064/B065)

JP

SYMBOL NO.	INDEX NO.
JP121	193
JP122	193
JP123	193
JP124	193
JP125	193
JP126	193
JP127	193
JP128	193
JP129	----
JP130	----

SYMBOL NO.	INDEX NO.
JP131	----
JP132	193
JP133	173
JP134	193
JP135	193
JP136	193
JP137	----
JP138	----
JP139	----
JP140	----

SYMBOL NO.	INDEX NO.
JP141	----
JP142	----
JP143	----
JP144	----
JP145	193

LED

SYMBOL NO.	INDEX NO.
LED101	128
LED102	129
LED103	129
LED104	128

OSC

SYMBOL NO.	INDEX NO.
OSC100	149
OSC101	148
OSC102	147

RESISTOR

SYMBOL NO.	INDEX NO.
----	----
----	----
----	----
R104	191
R105	182
----	----
----	----
R108	177
R109	177
R110	177

SYMBOL NO.	INDEX NO.
R111	177
R112	176
R113	176
----	----
R115	177
R116	177
R117	177
R118	177
R119	182
R120	191

Q

SYMBOL NO.	INDEX NO.
Q1	125

RESISTOR

SYMBOL NO.	INDEX NO.
R121	176
R122	176
R123	176
R124	177
R125	185
R126	187
R127	187
R128	174
R129	174
R130	187

IC

SYMBOL NO.	INDEX NO.
R131	187
R132	174
R133	174
R134	177
R135	177
R136	178
R137	188
R138	188
R139	180
R140	178

SYMBOL NO.	INDEX NO.
R141	188
R142	188
R143	180
R144	178
R145	188
R146	188
R147	180
R148	178
R149	188
R150	188

SYMBOL NO.	INDEX NO.
R151	180
R152	178
R153	188
R154	188
R155	180
R156	178
R157	188
R158	188
R159	180
----	----

SYMBOL NO.	INDEX NO.
----	----
----	----
----	----
----	----
R170	182
R171	191
R172	176
R173	176
R174	177
R175	176

SYMBOL NO.	INDEX NO.
R176	177
R177	187
R178	187
R179	185
R180	187
R181	174
R182	174
R183	178
R184	188
R185	188

SYMBOL NO.	INDEX NO.
R186	180
R187	178
R188	188
R189	188
R190	180
R191	178
R192	188
R193	188
R194	180
R195	178

73.IPU BOARD (B064/B065)

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.
R196	188	R206	185	R216	190	R226	176	R236	191	----	----	R256	175
R197	188	R207	185	R217	189	R227	177	----	----	R247	191	R257	183
R198	180	R208	177	R218	189	R228	177	----	----	R248	191	R258	183
R199	198	R209	176	R219	190	R229	177	R239	----	R249	191	R259	176
R200	194	R210	174	R220	176	R230	191	R240	185	R250	191	R260	185
R201	184	R211	174	R221	176	R231	191	R241	185	R251	191	R261	187
R202	189	R212	176	R222	177	R232	191	R242	191	R252	181	R262	185
R203	177	R213	174	R223	182	R233	191	R243	191	R253	182	R263	177
R204	177	R214	187	R224	191	R234	191	R244	185	R254	183	----	----
R205	185	----	----	R225	176	----	----	R245	185	R255	183	R265	176

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.
R266	187	R276	187	R286	196	R296	185	R306	185	R316	185	R341	177
R267	187	R277	187	R287	176	R297	185	R307	185	R317	185	R342	177
R268	185	----	----	R288	195	R298	185	R308	185	R318	185	----	----
R269	185	R279	176	R289	197	R299	185	R309	185	R319	185	R344	176
R270	183	R280	185	R290	194	R300	185	R310	185	R320	176	R345	187
R271	176	R281	176	R291	187	R301	185	R311	185	R321	176	----	----
----	----	R282	176	R292	178	R302	185	R312	185	R322	191	R347	177
----	----	----	----	R293	179	R303	185	R313	185	R323	186	R348	----
R274	176	R284	178	R294	176	R304	185	R314	185	----	----	R349	177
R275	176	----	----	R295	185	R305	185	R315	185	R325	186	----	----

73.IPU BOARD (B064/B065)

RESISTOR

SYMBOL NO.	INDEX NO.
----	----
----	----
R352	177
R353	176
R354	176
----	----
R356	185
----	----
----	----
----	----

SYMBOL NO.	INDEX NO.
R360	191
R361	191
----	----
R363	191
----	----
R365	177
R366	177
R367	180
R368	180
R369	191

SYMBOL NO.	INDEX NO.
R370	177
R371	177
R372	177
R373	185
R374	191
R375	177
R376	191
R377	186
R378	185
R379	191

SYMBOL NO.	INDEX NO.
R380	174
R381	174
R382	174
R383	191
R384	186
R385	185
R386	191
R387	191
R388	191
R389	191

SYMBOL NO.	INDEX NO.
R390	174
R391	191
R392	191
R393	191
R394	191
R395	191
R396	191
R397	191
R398	192
R399	192

SYMBOL NO.	INDEX NO.
R400	176
R401	177
R402	174

REG

SYMBOL NO.	INDEX NO.
REG100	146
REG101	144

RN

SYMBOL NO.	INDEX NO.
RN100	151
RN101	151
RN102	157
RN103	157
RN104	157
RN105	151
RN106	151
RN107	155
RN108	155
RN109	155

RN

SYMBOL NO.	INDEX NO.
RN110	155
RN111	155
RN112	152
RN113	152
RN114	152
RN115	152
RN116	152
RN117	151
RN118	151
RN119	151

SYMBOL NO.	INDEX NO.
RN120	151
RN121	151
RN122	151
RN123	151
RN124	151
RN125	151
RN126	151
RN127	151
RN128	157
RN129	157

SYMBOL NO.	INDEX NO.
RN130	157
RN131	152
RN132	152
RN133	152
RN134	152
RN135	152
RN136	151
RN137	151
RN138	150
RN139	152

SYMBOL NO.	INDEX NO.
RN140	152
RN141	152
RN142	152
RN143	152
----	----
----	----
RN152	152
RN153	152
RN154	152
RN155	152

SYMBOL NO.	INDEX NO.
RN156	152
RN157	151
RN158	157
RN159	157
RN160	157
RN161	157
RN162	157
RN163	151
RN164	151
RN165	151

SYMBOL NO.	INDEX NO.
RN166	151
RN167	151
RN168	151
RN169	151
RN170	157
RN171	157
RN172	157
RN173	151
RN174	151
RN175	151

SYMBOL NO.	INDEX NO.
RN176	151
RN177	151
----	----
RN179	151
RN180	151
RN181	151
RN182	151
RN183	151
RN184	151
RN185	151

73.IPU BOARD (B064/B065)

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN186	151	RN196	156	RN206	150	RN216	154	RN226	156	RN236	156	RN246	156
RN187	151	RN197	152	RN207	154	RN217	154	RN227	156	RN237	156	RN247	156
RN188	151	RN198	156	RN208	154	RN218	157	RN228	156	RN238	156	RN248	156
RN189	151	RN199	156	RN209	154	RN219	151	RN229	156	RN239	156	RN249	156
RN190	157	RN200	156	RN210	154	RN220	156	RN230	156	RN240	156	RN250	156
RN191	157	RN201	156	RN211	154	RN221	156	RN231	156	RN241	156	RN251	156
RN192	157	RN202	156	RN212	154	RN222	156	RN232	156	RN242	156	RN252	159
RN193	156	RN203	---	RN213	154	RN223	156	RN233	156	RN243	156	RN253	159
RN194	156	RN204	156	RN214	154	RN224	156	RN234	156	RN244	156	RN254	159
RN195	156	RN205	152	RN215	154	RN225	156	RN235	156	RN245	156	RN255	159

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN256	159	RN266	152	RN276	153	RN286	---	RN296	157	SW100	124	TP1	110
RN257	159	RN267	152	RN277	153	RN287	---	RN297	157	SW102	122	TP2	110
RN258	159	RN268	152	RN278	153	RN288	---	RN298	157	SW103	123	TP3	110
RN259	159	RN269	---	RN279	153	RN289	153	RN299	152			TP4	110
RN260	159	RN270	153	RN280	158	RN290	153	RN300	152			TP5	110
RN261	159	RN271	153	RN281	158	RN291	153	RN301	152			TP6	110
RN262	159	RN272	153	RN282	158	RN292	153	RN302	151			TP7	110
RN263	159	RN273	153	RN283	158	RN293	157	RN303	151			TP9	110
RN264	152	RN274	153	RN284	---	RN294	157						
RN265	152	RN275	153	RN285	---	RN295	157						

SW

TP

73.IPU BOARD (B064/B065)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B110 5140	PCB:Image Processing Unit	1
1	B065 5147	IC - CDIC3	1
2	B065 5158	IC - RF5C608	1
3	B065 5169	IC - GARAC	1
102	B065 5147	IC - CDIC3	
103	B065 5158	IC - RF5C608	
104	B065 5169	IC - GARAC	
106	0313 0100B	Philips Pan Head Screw - M3x10	
107	0710 0030B	Hexagon Nut - M3	

Index No.	Part No.	Description	Q'ty Per Assembly
108	1005 0955	Heat Sink	
109	1005 0978	SP513K	
110	1100 1649	Testpin - HK-3-S	
111	1102 6600	Connector - 8P	
112	1102 7626	Connector - TX25-80P-LT-N1	
113	1102 8553	Connector - 3-353308-6	
114	1102 8725	Connector - FFC/FPC-FH12-10S-0.5SH	
115	1102 8727	Connector - FFC/FPC-FH12-28S-0.5SH	
116	1102 8774	Connector - 55456-2030	
117	1102 8775	Connector - 55456-1830	
118	1102 8776	Connector - 55456-1330	
119	1102 8777	Connector - 55456-1230	
120	1102 8779	Connector - 1-353530-0	
121	1102 9066	Connector - 55456-0430	
122	1204 1542	DIP Switch	
123	1204 2373	Key Board Switch - SKQDPA	
124	1204 2507	Switch SSSS810700	
125	1401 1202	Fet - HAT1023R	
126	1402 1503	Diode - 1SS400	
127	1402 1578	Diode - YG802C04R	
128	1403 0907	Diode - SML-310LT	
129	1403 0953	LED - SML-310MT	
130	1407 5090	IC - DS90CF364MTD	
131	1407 5287	Clock Generator - W180-03G	
132	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
133	1407 5347	IC - SN74LV08APW	
134	1407 5351	IC - SN74LV14APW	
135	1407 5353	IC - SN74LV244APW	
136	1407 5361	IC - 74LVC157A TSSOP	
137	1407 5364	IC - SN74AHCT244PW	
138	1407 5469	IC - SN74LV07APW	
139	1407 5705	IC - SN74LVC06APW	
140	1407 5709	IC - MK1705A	
141	1407 5742	IC - ICS553MI	
142	1407 5743	IC - RF5V860	

Index No.	Part No.	Description	Q'ty Per Assembly
143	1408 1095	IC - BA10324AF	
144	1408 1508	Series Regulator - PQ07VZ012Z	
145	1408 1746	IC - PST623XW	
146	1408 1747	Regulator - PQ5EV7L	
147	1503 1089	Oscillator - 85.2MHz	
148	1503 1090	Oscillator - 21.176MHz	
149	1503 1091	Oscillator - 10MHz	
150	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
151	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
152	1601 7898	Resistor Array	
153	1601 7900	Resistor Array - 0 Ω $\pm$ 5%	
154	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32w	
155	1601 7914	Resistor Array - 47 Ω $\pm$ 5%	
156	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
157	1601 7959	Resistor	
158	1601 7960	Resistor Array - 100 Ω $\pm$ 5% 1/16W	
159	1601 7981	Resistor Array - 100K Ω $\pm$ 5% 1/16W	
160	1604 4306	Capacitor	
161	1604 4848	Capacitor - 100 μ F $\pm$ 20% 10V	
162	1604 4987	Capacitor - 330 μ F $\pm$ 20% 6.3V	
163	1604 5082	Capacitor - 330 μ F $\pm$ 20% 10V	
164	1605 0976	Capacitor - 1 μ F+80% -20% 10V	
165	1605 1161	Capacitor - 0.33 μ F $\pm$ 10% 10V	
166	1605 1167	Capacitor - 0.22 μ F $\pm$ 10% 10V	
167	1605 1181	Capacitor - 10 μ F+80-20% 10V	
168	1605 1187	Ceramic Capacitor 0.047 μ F $\pm$ 10% 50V	
169	1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3V	
170	1607 0861	Filter - BK2125HS101	
171	1607 1061	Filter - BLM11P300SPB	
172	1610 1218	Resistor	
173	1633 0000	Resistor - 0 Ω 1/10W	
174	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
175	1650 4101	Resistor - 100 Ω $\pm$ 5% 1/10W	
176	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
177	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
178	1650 4104	Resistor - 100K Ω $\pm$ 5% 1/10W	
179	1650 4114	Resistor - 110K Ω $\pm$ 5% 1/10W 1608	
180	1650 4150	Resistor - 15 Ω $\pm$ 5% 1/10W	
181	1650 4200	Resistor - 20 Ω $\pm$ 5% 1/10W	
182	1650 4202	Resistor - 2K Ω $\pm$ 5% 1/10W	
183	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
184	1650 4242	Resistor - 2.4K Ω $\pm$ 5% 1/10W 1608	
185	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
186	1650 4470	Resistor - 47 Ω $\pm$ 5% 1/10W	
187	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
188	1650 4510	Resistor - 51 Ω $\pm$ 5% 1/10W	
189	1650 4511	Resistor - 510 Ω $\pm$ 5% 1/10W	
190	1650 4621	Resistor - 620 Ω $\pm$ 5% 1/10W 1608	
191	1650 4680	Resistor - 68 Ω $\pm$ 5% 1/10W	
192	1650 4750	Resistor - 75 Ω $\pm$ 5% 1/10W	
193	1654 0000	Resistor - 0 Ω 1608	
194	1654 1001	Resistor - 1K Ω $\pm$ 1% 1/10W	
195	1654 1201	Resistor - 1.2K Ω $\pm$ 1% 1/10W	
196	1654 2201	Resistor - 2.2K Ω $\pm$ 1% 1/10W 1608	
197	1654 4420	Resistor 442 Ω $\pm$ 1% 1/10w 1608	
198	1654 4990	Resistor - 499 Ω $\pm$ 1% 1/10W	
199	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
200	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
201	1660 2221	Capacitor - 220pF +80-20% 50V	
202	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
203	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	
204	1660 2470	Capacitor - 47pF $\pm$ 5% 50V	
205	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
206	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
207	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
208	1660 4222	Capacitor - 2200pF - $\pm$ 10% - 50V	
209	1660 4472	Capacitor - 4700pF $\pm$ 10% 50V	
210	1660 6103	Capacitor - 10000pF - +80%-20% 50V	
211	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
212	1907 0015	SDRAM - 256MB 4MX16X4 100MHz	

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

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	173	C111	222	C121	220	C131	220	C141	216	C151	220	C161	222
C102	165	C112	216	C122	216	C132	216	C142	170	C152	216	C162	222
C103	168	C113	164	C123	170	C133	170	C143	170	C153	216	C163	216
C104	222	C114	170	C124	220	C134	164	C144	216	C154	220	C164	216
C105	170	C115	216	C125	216	C135	216	C145	220	C155	222	C165	222
C106	216	C116	220	C126	170	C136	222	C146	160	C156	216	C166	222
C107	220	C117	222	C127	168	C137	222	C147	222	C157	220	C167	222
C108	170	C118	216	C128	222	C138	216	C148	216	C158	222	C168	222
C109	216	C119	164	C129	165	C139	164	C149	222	C159	216	C169	222
C110	220	C120	160	C130	173	C140	220	C150	222	C160	220	C170	222

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.
C171	222	C181	222	C211	220	C221	164	C231	220	C241	216	C251	219
C172	222	C182	222	C212	216	C222	216	C232	216	C242	222	C252	167
C173	216	C183	222	C213	170	C223	222	C233	170	C243	220	C253	222
C174	216	C184	222	C214	168	C224	170	C234	222	C244	220	C254	216
C175	222	C185	222	C215	222	C225	216	C235	216	C245	222	C255	222
C176	216	---	---	C216	165	C226	220	C236	222	C246	222	C256	222
C177	220	C187	222	C217	173	C227	160	C237	222	C247	222	C257	158
C178	222	---	---	C218	220	C228	222	C238	220	C248	222	C258	215
C179	216	---	---	C219	216	C229	216	C239	216	C249	216	C259	215
C180	220	---	---	C220	170	C230	164	C240	216	C250	222	C260	215

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C261	210	C271	160	C281	216	C291	164	C301	164	C310	222	---	---
C262	222	C272	222	C282	170	C292	220	C302	222	C311	216	C321	222
C263	216	C273	220	C283	164	C293	216	---	---	C312	164	C322	216
C264	216	C274	216	C284	216	C294	170	C304	222	C313	220	C323	164
C265	222	C275	170	C285	222	C295	168	C305	158	C314	222	C324	222
C266	222	C276	168	C286	170	C296	222	C306	159	C315	222	C325	216
C267	222	C277	222	C287	216	---	---	C306	222	C316	216	---	---
C268	216	C278	165	C288	220	---	---	C307	222	C317	164	C327	222
C269	220	C279	173	C289	222	C299	222	C308	216	C318	222	C328	222
C270	222	C280	220	C290	216	C300	216	C309	164	C319	216	C329	211

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.
C330	211	C340	222	C350	216	C361	222	C371	211	C381	213	C391	211
C331	222	C341	222	C351	222	C362	159	C372	211	C382	213	C392	213
C332	211	C342	222	C352	216	C363	216	C373	211	C383	213	C393	213
C333	211	C343	211	C353	222	C364	222	C374	211	C384	213	C394	213
C334	211	C344	222	---	---	C365	216	C375	211	C385	213	C395	213
---	---	C345	222	C355	222	C366	222	C376	211	C386	211	C396	222
---	---	C346	216	C356	220	C367	216	C377	211	C387	211	C397	222
C337	222	C347	222	---	---	C368	222	C378	213	C388	211	C398	166
C338	222	C348	216	C359	218	C369	216	C379	213	C389	211	---	---
C339	222	C349	222	---	---	C370	222	C380	213	C390	211	---	---

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C421	169	C431	214	C441	220	C451	220	C461	220	C471	222
---	---	---	---	C432	214	C442	216	C452	216	---	---	C472	220
---	---	C423	222	C433	214	C443	216	C453	220	---	---	C473	220
---	---	C424	220	C434	214	C444	220	C454	216	C464	222	C474	220
---	---	C425	216	C435	216	C445	220	C455	220	C465	220	C475	220
C416	170	C426	216	C436	220	C446	220	C456	222	C466	216	C476	220
C417	220	C427	217	C437	216	C447	216	C457	220	C467	216	C477	220
---	---	C428	217	C438	216	C448	216	C458	220	C468	222	C478	220
---	---	C429	217	C439	220	C449	220	C459	216	C469	164	C479	216
C420	212	C430	217	C440	220	C450	216	C460	216	C470	164	C480	216

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C481	216	C491	222	C501	216	C511	216	C521	216	C531	160	C541	216
C482	222	C492	216	C502	222	C512	222	C522	222	C532	222	---	---
C483	216	C493	216	C503	222	C513	222	C523	222	C533	160	C543	222
C484	222	C494	222	C504	216	C514	216	C524	216	C534	222	C544	220
C485	222	C495	222	C505	216	C515	216	C525	216	C535	163	C545	216
C486	216	C496	216	C506	222	C516	222	C526	222	C536	220	---	---
C487	222	C497	222	C507	216	C517	216	C527	222	C537	216	---	---
C488	222	C498	222	---	---	C518	216	C528	222	C538	220	C548	222
C489	216	C499	216	C509	222	C519	222	C529	222	C539	216	C549	222
C490	216	C500	222	C510	222	C520	222	C530	222	C540	220	C550	217

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CAPACITOR

SYMBOL NO.	INDEX NO.
C551	161
C552	221
C553	220
C554	172
C555	162
C556	222
C557	170
C558	171
C559	212
---	---

SYMBOL NO.	INDEX NO.
C561	159
C562	222
---	---
C624	210
C625	210
C626	220
C627	220
C628	220
C629	220
C630	220

SYMBOL NO.	INDEX NO.
C631	220
C632	220
C633	220
C634	216
C635	220
C636	220
C637	220
C638	220
C639	220
C640	220

SYMBOL NO.	INDEX NO.
C641	220
C642	220
---	---
---	---
C645	220
C646	220
C647	220

CONNECTOR

SYMBOL NO.	INDEX NO.
QNB40	112
QNB41	108
QNB42	111
QNB43	110
QNB44	109
QNB45	113
QNB46	104
QNB47	105
QNB48	103
QNB49	107

SYMBOL NO.	INDEX NO.
---	---
QNB51	107
QNB52	107
QNB53	107
QNB54	106
QNB55	106
QNB56	107
QNB57	107

DIODE

SYMBOL NO.	INDEX NO.
D100	121
D101	122
D102	120

FILTER

SYMBOL NO.	INDEX NO.
FI L100	174
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---	---
FI L107	177
---	---
FI L109	174

SYMBOL NO.	INDEX NO.
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---	---
FI L112	177
---	---
---	---
FI L115	177
FI L116	174
FI L117	174
FI L118	174
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SYMBOL NO.	INDEX NO.
FI L121	174
---	---
FI L123	174
---	---
---	---
FI L126	174
---	---
FI L128	177
FI L129	174
FI L130	174

SYMBOL NO.	INDEX NO.
FI L131	175
FI L132	174
FI L133	174
FI L134	174
FI L135	174
FI L136	174
FI L137	174
FI L138	174
FI L139	174
FI L140	174

SYMBOL NO.	INDEX NO.
FI L141	174
FI L142	174
FI L143	174
FI L144	174
FI L145	174
FI L146	174
FI L147	174

IC

SYMBOL NO.	INDEX NO.
I C101	3
I C102	125
I C103	2
I C104	1
I C105	138
I C106	138
I C107	138
I C108	138
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SYMBOL NO.	INDEX NO.
I C111	223
I C112	223
I C113	223
I C114	223
I C115	223
I C116	223
I C117	223
I C118	223
I C119	135
I C120	130

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IC

SYMBOL NO.	INDEX NO.
I C121	132
I C122	134
I C123	127
I C124	127
I C125	139
I C126	131
I C127	128
I C128	133
I C129	129
I C130	130

JP

SYMBOL NO.	INDEX NO.
I C131	126
I C132	136
I C133	137
I C134	142
I C135	135

SYMBOL NO.	INDEX NO.
JP101	180
JP102	180
JP103	178
---	---
JP105	180
JP106	180
JP107	180
JP108	180
JP109	180
JP110	180

SYMBOL NO.	INDEX NO.
JP111	180
JP112	180
JP113	180
JP114	180
JP115	180
JP116	180
JP117	180
JP118	180
JP119	180
JP120	180

SYMBOL NO.	INDEX NO.
JP121	180
JP122	180
JP123	180
JP124	180
JP125	180
JP126	180
JP127	180
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SYMBOL NO.	INDEX NO.
---	---
JP132	180
JP133	179
---	---
JP135	180
JP136	180
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SYMBOL NO.	INDEX NO.
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---	---
JP145	180
JP146	178
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JP

SYMBOL NO.	INDEX NO.
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---	---
---	---
---	---
JP155	180
JP156	180
JP157	180
JP158	180

L

SYMBOL NO.	INDEX NO.
L1	176

LED

SYMBOL NO.	INDEX NO.
LED101	123
LED102	124
LED103	124
LED104	123

OSC

SYMBOL NO.	INDEX NO.
OSC100	146
OSC101	145
OSC102	144

Q

SYMBOL NO.	INDEX NO.
Q1	118
Q2	117
Q3	119
Q4	119

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R104	188
---	---
---	---
---	---
R108	184
R109	184
R110	184

SYMBOL NO.	INDEX NO.
R111	184
R112	183
R113	183
---	---
R115	184
---	---
---	---
R117	184
R118	184
---	---
R120	188

74.IPU BOARD (B140/B141/B142/B143/B163/B228

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R121	183	R131	195	R141	197	R151	187	R171	188	R181	181	R191	185
R122	183	R132	181	R142	197	R152	185	R172	183	R182	181	R192	197
R123	183	R133	181	R143	187	R153	197	R173	183	R183	185	R193	197
R124	184	R134	184	R144	185	R154	197	---	---	R184	197	R194	187
R125	193	R135	184	R145	197	R155	187	R175	200	R185	197	R195	185
R126	195	R136	185	R146	197	R156	185	R176	184	R186	187	R196	197
R127	195	R137	197	R147	187	R157	197	R177	195	R187	185	R197	197
R128	181	R138	197	R148	185	R158	197	R178	195	R188	197	R198	187
R129	181	R139	187	R149	197	R159	187	R179	193	R189	197	R199	209
R130	195	R140	185	R150	197	---	---	R180	195	R190	187	R200	204

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.
R201	192	R211	181	R221	183	R231	200	R241	193	R251	200	R261	195
R202	198	R212	183	R222	184	R232	194	R242	200	R252	189	R262	193
R203	184	R213	181	---	---	R233	200	R243	200	R253	190	R263	184
R204	184	R214	195	R224	188	R234	200	R244	193	R254	191	---	---
R205	193	---	---	R225	183	---	---	R245	193	R255	191	R265	183
R206	193	R216	199	R226	183	R236	200	---	---	R256	182	R266	195
R207	193	R217	198	R227	184	---	---	R247	200	R257	191	R267	195
R208	184	R218	198	R228	184	---	---	R248	194	R258	191	R268	193
R209	183	R219	199	R229	184	---	---	R249	200	R259	183	R269	193
R210	181	R220	183	R230	200	R240	193	R250	200	R260	193	R270	191

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R271	183	R281	184	R291	195	R301	193	R311	193	R321	183	R341	184
---	---	R282	183	R292	185	R302	193	R312	193	R322	200	R342	184
---	---	---	---	R293	186	R303	193	R313	193	R323	200	---	---
R274	183	R284	185	R294	183	R304	193	R314	193	---	---	R344	183
R275	183	---	---	R295	193	R305	193	R315	193	R325	200	R345	195
R276	195	---	---	R296	193	R306	193	R316	193	---	---	---	---
R277	195	---	---	R297	193	R307	193	R317	193	---	---	R347	184
---	---	---	---	R298	193	R308	193	R318	193	---	---	---	---
---	---	R289	208	R299	193	R309	193	R319	193	---	---	R349	184
R280	193	R290	204	R300	193	R310	193	R320	183	---	---	---	---

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	200	R371	184	R381	181	R391	200	R401	184	R411	196
R352	184	---	---	---	---	R382	181	R392	200	R402	181	R412	205
---	---	R363	200	R373	193	R383	200	R393	200	R403	195	R413	185
---	---	---	---	R374	200	R384	194	R394	200	R404	195	R414	207
---	---	R365	184	R375	184	R385	193	R395	200	R405	195	R415	147
R356	193	R366	184	R376	200	R386	200	R396	200	R406	195	R416	206
---	---	R367	187	R377	194	R387	200	R397	200	R407	195	R417	181
---	---	R368	187	R378	193	R388	200	R398	201	R408	195	R418	189
---	---	R369	200	R379	200	R389	200	R399	201	R409	195	R419	181
R360	200	R370	184	R380	181	R390	181	R400	183	R410	195	R420	181

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.
R421	185
R422	196
---	---
R424	202
R425	203
R426	200
R427	184
R428	183
R429	183
R430	184

SYMBOL NO.	INDEX NO.
R431	184
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R434	200
R455	193
R456	193
R457	195
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R459	200
R460	200

REG

SYMBOL NO.	INDEX NO.
REG101	140
REG102	143
REG103	141

RN

SYMBOL NO.	INDEX NO.
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RN100	149

SYMBOL NO.	INDEX NO.
RN101	149
RN102	155
RN103	155
RN104	155
RN105	149
RN106	149
RN107	153
RN108	153
RN109	153
RN110	153

SYMBOL NO.	INDEX NO.
RN111	153
RN112	156
RN113	156
RN114	156
RN115	156
RN116	156
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RN118	149
RN119	149
RN120	149

SYMBOL NO.	INDEX NO.
RN121	149
RN122	149
RN123	149
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RN128	155
RN129	155
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RN

SYMBOL NO.	INDEX NO.
RN131	150
RN132	150
RN133	150
RN134	150
RN135	150
RN136	149
RN137	149
RN138	148
RN139	150
RN140	150

SYMBOL NO.	INDEX NO.
RN141	150
RN142	150
RN143	150
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SYMBOL NO.	INDEX NO.
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RN152	156
RN153	156
RN154	156
RN155	156
RN156	156
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RN158	156
RN159	156
RN160	156

SYMBOL NO.	INDEX NO.
RN161	156
RN162	156
RN163	149
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RN168	149
RN169	149
RN170	155

SYMBOL NO.	INDEX NO.
RN171	155
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RN173	149
RN174	149
RN175	149
RN176	149
RN177	149
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RN179	149
RN180	149

SYMBOL NO.	INDEX NO.
RN181	149
RN182	149
RN183	149
RN184	149
RN185	149
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RN190	155

SYMBOL NO.	INDEX NO.
RN191	155
RN192	155
RN193	154
RN194	154
RN195	154
RN196	154
RN197	150
RN198	154
RN199	154
RN200	154

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN01	154	RN11	152	RN21	154	RN31	154	RN41	154	RN51	154	RN61	157
RN02	154	RN12	152	RN22	154	RN32	154	RN42	154	RN52	157	RN62	157
---	---	RN13	152	RN23	154	RN33	154	RN43	154	RN53	157	RN63	157
RN04	154	RN14	152	RN24	154	RN34	154	RN44	154	RN54	157	RN64	150
RN05	150	RN15	152	RN25	154	RN35	154	RN45	154	RN55	157	RN65	150
---	---	RN16	152	RN26	154	RN36	154	RN46	154	RN56	157	RN66	150
RN07	152	RN17	152	RN27	154	RN37	154	RN47	154	RN57	157	RN67	150
RN08	152	RN18	155	RN28	154	RN38	154	RN48	154	RN58	157	RN68	150
RN09	152	RN19	149	RN29	154	RN39	154	RN49	154	RN59	157	---	---
RN10	152	RN20	154	RN30	154	RN40	154	RN50	154	RN60	157	RN70	156

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.				
RN271	156	RN281	156	RN291	151	RN301	150	RN331	155	SW102	115	TB1	114				
RN272	156	RN282	156	RN292	151	RN302	149	---	---			TB1	102				
RN273	156	RN283	156	RN293	155	RN303	149	RN333	148	SW103	116	TB2	114				
RN274	156	RN284	154	RN294	155	RN304	149	RN334	156								
RN275	156	RN285	154	RN295	155	RN305	149	RN335	156								
RN276	156	RN286	154	RN296	155	RN306	149	RN336	156								
RN277	156	RN287	154	RN297	155	RN307	149	RN337	156								
RN278	156	RN288	154	RN298	155	RN308	149	RN338	156								
RN279	156	RN289	151	RN299	150	---	---										
RN280	156	RN290	151	RN300	150	RN330	155										

SWITCH

TB

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

TP

SYMBOL NO.	INDEX NO.
TP1	101
TP2	101
TP3	101
TP4	101
TP5	101
TP6	101
TP7	101
TP8	101
TP9	101
TP10	101

SYMBOL NO.	INDEX NO.
TP11	101

74.IPU BOARD (B140/B141/B142/B143/B163/B228)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B140 5144	PCB:IPU:Basic: (B140/B141/B142/B143/B163/B228)	1
1	B065 5147	IC - CDIC3	1
2	B065 5158	IC - RF5C608	1
3	B065 5169	IC - GARAC	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1100 1649	Testpin - Hk-3-s	
102	1102 5944	Connector - 3P	
103	1102 6600	Connector - 8P	
104	1102 7626	Connector - TX25-80P-LT-N1	
105	1102 8553	Connector - 3-353308-6	
106	1102 8725	Connector - FFC/FPC-FH12-10S-0.5SH	
107	1102 8727	Connector - FFC/FPC-FH12-28S-0.5SH	
108	1102 8774	Connector - 55456-2030	
109	1102 8775	Connector - 55456-1830	
110	1102 8776	Connector - 55456-1330	
111	1102 8777	Connector - 55456-1230	
112	1102 8779	Connector - 1-353530-0	
113	1102 9066	Connector - 55456-0430	
114	1104 0683	Socket - IMSA-9206H-GF	
115	1204 2306	Dip Switch:CHS-04B	
116	1204 2373	Key Board Switch - SkqdpA	
117	1400 0810	Transistor:DTC114EUA	
118	1401 1202	FET - HAT1023R	
119	1401 1207	FET:HAT2070R	
120	1402 1342	Diode - 1SR154-400	
121	1402 1503	Diode - 1SS400	
122	1402 1648	Diode:RB05	
123	1403 0907	Diode - SML-310LT	
124	1403 0953	LED - SML-310MT	
125	1407 5090	IC - DS90CF364MTD	
126	1407 5287	Clock Generator - W180-03G	
127	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
128	1407 5347	IC - SN74LV08APW	
129	1407 5350	CMOS IC:SN74LV00APW	
130	1407 5351	IC - SN74LV14APW	
131	1407 5353	IC - SN74LV244APW	
132	1407 5364	IC - SN74AHCT244PW	
133	1407 5367	CMOS IC:74LVC74A:TSSOP	
134	1407 5469	IC - SN74LV07APW	
135	1407 5705	IC - SN74LVC06APW	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 5709	IC - MK1705A	
137	1407 5742	IC - ICS553MI	
138	1407 5896	IC - RF5V861	
139	1408 1095	IC - BA10324AF	
140	1408 1508	Series Regulator - PQ07VZ012Z	
141	1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	
142	1408 1746	IC - PST623XW	
143	1408 1945	IC:SI-85	
144	1503 1089	Oscillator - 85.2Mhz	
145	1503 1090	Oscillator - 21.176Mhz	
146	1503 1091	Oscillator - 10Mhz	
147	1600 1880	Resistor - 25M $\Omega \pm 1\%$ 1W	
148	1601 7877	Resistor Array 4.7k $\Omega \pm 5\%$ 1/32W	
149	1601 7887	Resistor Array - 10K $\Omega \pm 5\%$ 1/32W	
150	1601 7898	Resistor Array	
151	1601 7900	Resistor Array - 0 $\Omega \pm 5\%$	
152	1601 7913	Resistor 22 $\Omega \pm 5\%$ 1/32W	
153	1601 7914	Resistor Array - 47 $\Omega \pm 5\%$	
154	1601 7943	Resistor Array - 68 $\Omega \pm 5\%$ 1/32W	
155	1601 7959	Resistor	
156	1601 7960	Resistor Array - 100 $\Omega \pm 5\%$ 1/16W	
157	1601 7981	Resistor Array - 100K $\Omega \pm 5\%$ 1/16W	
158	1604 4306	Capacitor	
159	1604 4848	Capacitor - 100 μ F $\pm 20\%$ 10V	
160	1604 4987	Capacitor - 330 μ F $\pm 20\%$ 6.3V	
161	1604 5042	Capacitor:330UF: $\pm 20\%$:4V	
162	1604 5047	Capacitor:330UF: $\pm 20\%$:10	
163	1604 5082	Capacitor - 330 μ F $\pm 20\%$ 10V	
164	1605 0976	Capacitor - 1 μ F+80% -20% 10V	
165	1605 1106	Capacitor:2200pF: $\pm 10\%$:50V	
166	1605 1161	Capacitor - 0.33 μ F $\pm 10\%$ 10V	
167	1605 1167	Capacitor - 0.22 μ F $\pm 10\%$ 10V	
168	1605 1181	Capacitor - 10 μ F+80-20% 10V	
169	1605 1187	Ceramic Capacitor 0.047 μ F $\pm 10\%$ 50V	
170	1605 1224	Capacitor 4.7 μ F $\pm 10\%$ 6.3V	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1605 1246	Capacitor:3.3UF: $\pm 20\%$:25V	
172	1605 1347	Capacitor:1UF:+80-20%:16V	
173	1605 1355	Capacitor:680pF: $\pm 10\%$:50V	
174	1607 0861	Filter - BK2125HS101	
175	1607 1061	Filter - BLM11P300SPB	
176	1607 1326	Inductor:SLF12575-2R7N7R0-pF	
177	1607 1351	EMI Filter:BLM21PG221SN1B	
178	1610 1218	Resistor	
179	1633 0000	Resistor - 0 Ω 1/10W	
180	1634 0000	Resistor - 0 Ω 1/16W	
181	1650 4100	Resistor - 10 $\Omega \pm 5\%$ 1/10W	
182	1650 4101	Resistor - 100 $\Omega \pm 5\%$ 1/10W	
183	1650 4102	Resistor - 1K $\Omega \pm 5\%$ 1/10W	
184	1650 4103	Resistor - 10K $\Omega \pm 5\%$ 1/10W	
185	1650 4104	Resistor - 100K $\Omega \pm 5\%$ 1/10W	
186	1650 4114	Resistor - 110K $\Omega \pm 5\%$ 1/10W 1608	
187	1650 4150	Resistor - 15 $\Omega \pm 5\%$ 1/10W	
188	1650 4151	Resistor - 150 $\Omega \pm 5\%$ 1/10W	
189	1650 4200	Resistor - 20 $\Omega \pm 5\%$ 1/10W	
190	1650 4202	Resistor - 2K $\Omega \pm 5\%$ 1/10W	
191	1650 4220	Chip Resistor - 22 $\Omega \pm 5\%$ 1/10W	
192	1650 4242	Resistor - 2.4K $\Omega \pm 5\%$ 1/10W 1608	
193	1650 4330	Chip Resistor - 33 $\Omega \pm 5\%$ 1/10W	
194	1650 4470	Resistor - 47 $\Omega \pm 5\%$ 1/10W	
195	1650 4472	Resistor - 4.7K $\Omega \pm 5\%$ 1/10W	
196	1650 4473	Resistor:47k $\Omega \pm 5\%$:1/10W:1608	
197	1650 4510	Resistor - 51 $\Omega \pm 5\%$ 1/10W	
198	1650 4511	Resistor - 510 $\Omega \pm 5\%$ 1/10W	
199	1650 4621	Resistor - 620 $\Omega \pm 5\%$ 1/10W 1608	
200	1650 4680	Resistor - 68 $\Omega \pm 5\%$ 1/10W	
201	1650 4750	Resistor - 75 $\Omega \pm 5\%$ 1/10W	
202	1653 3309	Resistor:33 $\Omega \pm 1\%$:1/8W:2125	
203	1653 7509	Resistor:75 $\Omega \pm 1\%$:1/8W:2125	
204	1654 1001	Resistor - 1K $\Omega \pm 1\%$ 1/10W	
205	1654 1101	Resistor:1.1K $\Omega \pm 1\%$:1/10W:1608	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1654 1401	Resistor - 1.4K Ω $\pm$ 1% 1/10W 1608	
207	1654 1800	Resistor:180 Ω : $\pm$ 1%:1/10W:1608	
208	1654 4420	Resistor 442 Ω $\pm$ 1% 1/10w 1608	
209	1654 4990	Resistor - 499 Ω $\pm$ 1% 1/10W	
210	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
211	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
212	1660 2221	Capacitor - 220pF +80-20% 50V	
213	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
214	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	

Index No.	Part No.	Description	Q'ty Per Assembly
215	1660 2470	Capacitor - 47pF $\pm$ 5% 50V	
216	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
217	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
218	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
219	1660 4222	Capacitor - 2200pF - $\pm$ 10% - 50V	
220	1660 6103	Capacitor - 10000pF - +80%-20%50V	
221	1660 6473	Capacitor - 47000pF +80,-20% 50V	
222	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
223	1907 0013	SDRAM:256M:4MX16X4:133MHZ:G1	

75.GW BOARD (B064/B065)

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	161	C11	166	C21	164	C31	166	C41	166	C51	166	C61	166
C2	161	---	---	C22	166	C32	164	C42	154	C52	164	C62	152
C3	161	---	---	C23	166	C33	166	C43	166	C53	164	C63	166
C4	164	C14	164	C24	153	C34	166	C44	154	C54	166	C64	164
C5	166	C15	166	C25	157	C35	164	C45	166	C55	166	C65	166
C6	164	C16	152	C26	166	C36	164	C46	164	C56	164	C66	164
C7	166	C17	166	C27	166	C37	166	C47	166	C57	164	C67	164
C8	164	C18	166	C28	166	C38	166	C48	152	C58	166	C68	166
C9	166	C19	164	C29	153	C39	164	C49	154	C59	166	C69	164
C10	164	C20	166	C30	164	C40	154	C50	166	C60	164	C70	166

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	164	C81	154	C91	162	C101	168	C111	159	---	---	C131	166
C72	166	C82	153	C92	162	C102	166	C112	159	---	---	C132	166
C73	166	C83	166	C93	164	C103	166	---	---	---	---	C133	166
C74	164	C84	153	C94	162	C104	166	---	---	---	---	C134	166
C75	166	C85	164	C95	162	C105	166	---	---	C125	167	C135	166
C76	164	C86	166	C96	164	C106	166	C116	197	C126	201	C136	153
C77	153	C87	153	C97	166	C107	166	C117	201	C127	197	C137	166
C78	163	C88	153	C98	153	C108	153	C118	167	---	---	C138	164
C79	199	C89	164	C99	168	C109	166	---	---	---	---	C139	152
C80	166	C90	152	C100	168	C110	164	---	---	---	---	C140	166

75.GW BOARD (B064/B065)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C141	166	C151	156	C161	156	C171	202	C181	156	C191	200	C201	200
C142	166	C152	168	C162	166	C172	202	C182	202	C192	197	C202	197
C143	168	C153	163	C163	164	C173	161	C183	200	C193	197	C203	200
C144	168	C154	166	C164	166	C174	197	C184	197	C194	200	C204	202
C145	168	C155	163	C165	166	C175	200	C185	197	C195	202	C205	156
C146	166	C156	168	C166	156	C176	202	C186	200	C196	156	C206	202
C147	156	C157	156	C167	202	C177	156	C187	202	C197	202	C207	202
C148	168	C158	166	C168	200	C178	202	C188	156	C198	202	C208	202
C149	163	C159	163	C169	197	C179	202	C189	156	C199	157	C209	202
C150	166	C160	168	C170	202	C180	202	C190	202	C200	202	C210	156

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.
C211	202	C221	202	C231	200	C241	197	C251	155	C261	164	C271	166
C212	200	C222	155	C232	201	C242	197	C252	202	C262	164	C272	164
C213	197	C223	201	C233	155	C243	200	C253	202	C263	164	C273	166
C214	155	C224	200	C234	155	C244	201	C254	202	C264	164	----	----
C215	201	C225	197	C235	201	C245	155	C255	202	C265	164	----	----
C216	200	C226	202	C236	200	C246	202	C256	202	C266	164	C276	158
C217	197	C227	202	C237	197	C247	202	C257	197	C267	164	C277	162
C218	202	C228	202	C238	155	C248	197	C258	200	C268	164	C278	198
C219	202	C229	202	C239	201	C249	200	C259	201	C269	166	C279	165
C220	202	C230	197	C240	200	C250	201	C260	155	C270	164	C280	168

75.GW BOARD (B064/B065)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C281	166	C291	201	C301	201	C311	201	C321	166	----	----	C341	166
C282	166	C292	201	C302	201	C312	199	C322	164	C332	158	C342	166
C283	166	C293	201	C303	199	C313	201	C323	166	----	----	C343	166
C284	166	C294	199	C304	201	C314	199	C324	158	C334	158	C344	166
C285	166	C295	199	C305	199	C315	201	C325	158	C335	160	C345	166
C286	166	C296	199	C306	201	C316	201	C326	158	C336	158	C346	166
C287	201	C297	201	C307	199	C317	201	----	----	C337	158	C347	166
C288	199	C298	199	C308	201	C318	199	----	----	C338	158	C348	166
C289	201	C298	201	C309	199	C319	164	----	----	----	----	C349	166
C290	199	C300	199	C310	201	C320	164	C330	158	C340	166	C350	166

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C351	166	C361	164
C352	166	C362	166
C353	166	C363	166
C354	166	C364	166
C355	166	C365	166
C356	166	C366	166
C357	166	C367	166
C358	166	C368	166
C359	166	C369	166
C360	166	C370	166

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C371	166	C376	166
C372	166	C377	201
C373	166	C378	200
C374	166	C379	199
C375	166	----	----

CONNECTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
CN300	111	CN306	102
CN301	111	CN307	107
CN302	108	CN308	107
CN303	108	CN309	107
CN304	110		
CN305	105		

SYMBOL NO.	INDEX NO.
CN310	109
CN311	112
CN312	106
CN313	101
CN314	103
CN315	104

DIODE

SYMBOL NO.	INDEX NO.
D2	118
D3	120
D4	121
D5	119
D6	119

FILTER

SYMBOL NO.	INDEX NO.
FIL1	170
FIL2	170
FIL3	170
FIL4	172
FIL5	170
FIL6	170
FIL7	172
FIL8	169
----	----
FIL10	169

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FILTER

SYMBOL NO.	INDEX NO.
----	----
FIL12	170
FIL13	170
FIL14	170
FIL15	170
FIL16	170
FIL17	170
FIL18	170
FIL19	170
FIL20	170

SYMBOL NO.	INDEX NO.
FIL21	170
FIL22	170
FIL23	170
FIL24	170
FIL25	170
FIL26	170
FIL27	170
FIL28	170
FIL29	170
FIL30	170

SYMBOL NO.	INDEX NO.
FIL31	170

FUSE

SYMBOL NO.	INDEX NO.
FU1	114

IC

SYMBOL NO.	INDEX NO.
IC1	203
IC2	203
IC3	203
IC4	203
IC6	130
IC7	113
IC8	123
IC9	129
IC10	129

SYMBOL NO.	INDEX NO.
IC11	125
IC12	127
IC13	131
IC14	130
IC15	125
IC16	126
IC17	128
IC18	128
IC19	125
IC20	133

SYMBOL NO.	INDEX NO.
IC21	134
IC22	1
IC23	137
IC24	136
IC25	141
IC26	135
IC27	135
IC28	143
IC29	136
IC30	137

SYMBOL NO.	INDEX NO.
IC31	124
IC32	129
IC33	128
IC34	128
IC36	132
IC37	130
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JP

SYMBOL NO.	INDEX NO.
JP2	174
JP3	174
JP4	173
JP5	174
JP6	174
JP7	174
JP10	173
JP12	174
JP14	174
JP16	174

SYMBOL NO.	INDEX NO.
JP17	174
JP18	174
JP19	174
JP20	174
JP25	174
JP26	174
JP37	174
JP42	174

L

SYMBOL NO.	INDEX NO.
L1	171

LED

SYMBOL NO.	INDEX NO.
LED1	122
LED2	122

OSC

SYMBOL NO.	INDEX NO.
OSC1	144
OSC2	145

Q

SYMBOL NO.	INDEX NO.
Q1	116
Q2	117

RESISTOR

SYMBOL NO.	INDEX NO.
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----	----
R3	185
R4	185
R5	185
R6	177
R7	177
R8	177
R9	187
R10	187

SYMBOL NO.	INDEX NO.
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----	----
R14	177
R15	185
R16	185
R17	178
R18	187
R19	187
R20	187

SYMBOL NO.	INDEX NO.
R21	187
R22	178
R23	187
R24	187
R25	187
R26	187
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R29	177
R30	177

75.GW BOARD (B064/B065)

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	177	R41	193	R51	185	R61	177	R71	183	R81	178	----	----
R32	177	R42	194	R52	185	R62	183	R72	183	R82	187	----	----
R33	177	R43	176	R53	184	R63	183	R73	183	R83	187	----	----
R34	177	----	----	R54	188	R64	183	R74	183	R84	187	R94	187
R35	177	----	----	R55	189	R65	183	R75	183	R85	187	R95	177
R36	177	R46	187	R56	176	R66	183	R76	178	R86	187	----	----
R37	177	R47	187	R57	189	R67	183	R77	178	----	----	----	----
----	----	R48	187	R58	189	R68	183	R78	187	----	----	R98	183
----	----	R49	185	R59	177	R69	183	R79	187	----	----	R99	183
R40	185	R50	185	R60	177	R70	183	R80	187	----	----	R100	183

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	183	R111	183	R121	183	R131	177	R141	186	R151	186	R161	183
R102	183	R112	183	R122	183	R132	177	R142	186	R152	186	R162	183
R103	183	R113	183	R123	183	R133	177	R143	186	R153	186	R163	183
R104	183	R114	183	R124	183	R134	177	R144	186	R154	190	R164	183
R105	183	R115	183	----	----	R135	177	R145	187	R155	190	R165	183
R106	183	R116	183	----	----	R136	177	R146	187	R156	190	R166	183
R107	183	R117	183	R127	146	R137	177	R147	186	R157	183	R167	183
R108	183	R118	183	R128	177	R138	177	R148	189	R158	183	R168	183
R109	183	R119	183	R129	196	R139	185	R149	186	R159	183	R169	183
R110	183	R120	183	R130	195	R140	187	R150	186	R160	183	R170	183

75.GW BOARD (B064/B065)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	183	R181	187	R191	177	R201	187	R211	194	R221	181	----	----
R172	183	R182	187	R192	185	R202	187	R212	193	----	----	----	----
R173	183	R183	187	R193	185	R203	187	----	----	----	----	----	----
R174	183	R184	176	R194	185	R204	187	----	----	----	----	R234	177
R175	183	----	----	R195	176	R205	187	R215	177	----	----	R235	177
R176	183	R186	177	R196	185	R206	187	----	----	R226	177	R236	177
R177	183	R187	176	R197	185	R207	187	R217	181	R227	177	R237	180
R178	183	R188	176	R198	187	R208	187	R218	181	----	----	R238	183
R179	183	R189	185	R199	187	R209	187	R219	181	----	----	R239	180
R180	183	R190	175	R200	187	R210	187	R220	181	----	----	R240	183

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.
R241	183	R251	191	R261	191	R271	191	R281	191	R291	177	R301	177
R242	183	R252	191	R262	191	R272	191	R282	191	R292	177	R302	187
R243	183	R253	191	R263	191	R273	191	R283	191	R293	177	R303	185
R244	187	R254	191	R264	191	R274	191	R284	191	R294	187	----	----
----	----	R255	191	R265	191	R275	191	R285	191	R295	187	R305	187
----	----	R256	191	R266	191	R276	191	R286	191	R296	177	R306	177
R247	191	R257	191	R267	191	R277	191	R287	191	R297	177	R307	177
R248	191	R258	191	R268	191	R278	191	R288	191	R298	177	R308	177
R249	191	R259	191	R269	191	R279	191	R289	191	R299	177	----	----
R250	191	R260	191	R270	191	R280	191	R290	191	R300	177	R310	179

75.GW BOARD (B064/B065)

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	179	R321	185	R331	187	R341	182	R351	189	----	----	R371	177
R312	177	R322	185	R332	185	R342	186	R352	189	R362	183	R372	177
R313	177	R323	185	R333	185	R343	187	R353	177	R363	183	R373	180
R314	192	R324	185	R334	185	----	----	R354	189	R364	183	R374	177
R315	192	R325	187	R335	177	R345	186	R355	189	R365	187	R375	183
R316	176	R326	187	R336	177	----	----	R356	189	R367	177	R376	176
R317	185	R327	185	R337	187	R347	187	R357	189	----	----	R377	183
R318	185	R328	187	R338	185	R348	189	R358	189	R368	177	R378	177
R319	185	R329	185	R339	185	R349	177	R359	183	R369	177	R379	183
R320	185	R330	185	R340	182	R350	177	R360	177	----	----	R380	176

RESISTOR

SYMBOL NO.	INDEX NO.
R381	177
R382	183
R383	183
R384	183
----	----
R386	186
R387	176
R389	177

REG

SYMBOL NO.	INDEX NO.
REG1	139
REG2	140
REG3	142
REG4	138

RN

SYMBOL NO.	INDEX NO.
RN1	150
RN2	150
RN3	147
RN4	147
RN5	147
RN6	147
RN7	147
RN8	147
RN9	150
RN10	150

SYMBOL NO.	INDEX NO.
RN11	147
RN12	147
RN13	148
RN14	148
RN15	148
RN16	148
RN17	148
RN18	149
RN19	149
RN20	149

SYMBOL NO.	INDEX NO.
RN21	149
RN22	149
RN23	149
RN24	149
RN25	149
RN26	149
RN27	151
RN28	151
RN29	151
RN30	151

SYMBOL NO.	INDEX NO.
RN31	151
RN32	151
RN33	151
RN34	151
RN35	151
RN36	151
RN37	151
RN38	151
RN39	151
RN40	151

SYMBOL NO.	INDEX NO.
RN41	151
RN42	151
RN43	151
RN44	151

SW

SYMBOL NO.	INDEX NO.
SW2	115

75.GW BOARD (B064/B065)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B065 5111	Controller Board	1
1	B065 5113	IC - ASIC MARIMBA3	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 3566	Connector - S8B-XH-A(8PIN)	
102	1102 5303	Connector - 4P	
103	1102 6295	Connector - 2P	
104	1102 6328	Connector - 2P	
105	1102 8091	Connector - 53505-4010	
106	1102 8153	Connector - FCN-568P068-G/05A-V4	
107	1102 8357	Connector - 52777-0809	
108	1102 9349	Connector - DIMM	
	1102 8566	X/O MB7	
109	1102 8631	Connector	
110	1102 8656	Connector - TX25-120P-LT-H1	
111	1102 8832	Connector - DM-3D4-B3210	
112	1102 8988	Connector	
113	1104 0589	DIP Socket - 32P	
114	1107 0555	Fuse - 4A	
115	1204 2571	DIP Switch - 2.54P	
116	1401 1136	Fet - HAT1020R	
117	1401 1175	Fet - HAT1043M	
118	1402 1265	Diode - RB411D	
119	1402 1342	Diode - 1SR154-400	
120	1402 1343	Diode - RB106L-40	
121	1402 1546	Diode - RB081	
122	1403 0987	LED SML-211UT	
123	1407 2187	TTLIC - SN74LS07NS	
124	1407 2218	TTLIC - SN74LS06NS	
125	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
126	1407 5300	CMOS Logic - 74LVC16244A TSSOP	
127	1407 5321	CMOS Logic - 74LVCH16374A TSSOP	
128	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
129	1407 5364	IC - SN74AHCT244PW	
130	1407 5366	IC - 74LVC08A TSSOP	
131	1407 5485	IC - SN74VC574APW	
132	1407 5517	IC - 74AHCT14PW	
133	1407 5523	ROM - I2C SOP 3V	
134	1407 5694	CPU RM7000A-400T-REV1.34	

Index No.	Part No.	Description	Q'ty Per Assembly
135	1407 5717	IC - ICS960001AF	
136	1408 1273	IC - RN5VD28A	
137	1408 1398	Detector - RN5VD42A	
138	1408 1507	Regulator - PQ05VY3H3Z	
139	1408 1528	Regulator - PQ05VY053Z	
140	1408 1529	DC Converter - ITC1622CSB	
141	1408 1596	IC - RN5VD15A	
142	1408 1640	Series Regulator - PQ070XH02Z	
143	1408 1657	IC - RN5VD20A	
144	1503 0842	Oscillator - 14.31818MHz	
145	1503 1045	Oscillator - 24MHz	
146	1600 1880	Resistor - 25M $\Omega \pm 1\%$ 1W	
147	1601 7915	Resistor Array - 33 $\Omega \pm 5\%$ 1/16W	
148	1601 7918	Resistor - 22 $\Omega \pm 5\%$ 1/16W	
149	1601 7926	Resistor - 68 $\Omega \pm 5\%$ 1/16W 8	
150	1601 7929	Resistor Array - 100K $\Omega \pm 5\%$ 1/16W	
151	1601 7987	Resistor Array - 82 $\Omega \pm 5\%$ 1/16W	
152	1604 4728	Capacitor - 100 μ F $\pm 20\%$ 16V	
153	1604 4994	Capacitor - 100 μ F $\pm 20\%$ 6.3V	
154	1605 1081	Capacitor - 10 μ F+80-20% 25V	
155	1605 1124	Capacitor - 4.7 μ F+80 -20% 10V	
156	1605 1132	Capacitor - 2.2 μ F+80-20% 16V	
157	1605 1181	Capacitor - 10 μ F+80-20% 10V	
158	1605 1200	Capacitor - 10PF ± 0.5 pF 50V	
159	1605 1201	Capacitor - 12pF $\pm 5\%$ 50V	
160	1605 1202	Capacitor - 15pF $\pm 5\%$ 50V	
161	1605 1205	Capacitor - 33pF $\pm 5\%$ 50V	
162	1605 1207	Capacitor - 68pF $\pm 5\%$ 50V	
163	1605 1211	Capacitor - 220pF $\pm 10\%$ 50V	
164	1605 1214	Capacitor - 1000pF $\pm 10\%$ 50V	
165	1605 1216	Capacitor - 2200pF $\pm 10\%$ 50V	
166	1605 1221	Capacitor - 0.1 UF+80-20%16V	
167	1605 1224	Capacitor 4.7 μ F $\pm 10\%$ 6.3v	
168	1605 1252	Capacitor - 0.01 μ F+80-20% 50V	
169	1607 1061	Filter - BLM11P300SPB	

Index No.	Part No.	Description	Q'ty Per Assembly
170	1607 1206	Filter - ACC2012L-250	
171	1607 1212	Inductor - CDRH6D38-5R0NC	
172	1607 1225	Filter - ACC4516L-700	
173	1632 0000	Resistor - 0 Ω 1/8W	
174	1634 0000	Resistor - 0 Ω 1/16W	
175	1650 4101	Resistor - 100 $\Omega \pm 5\%$ 1/10W	
176	1650 4102	Resistor - 1K $\Omega \pm 5\%$ 1/10W	
177	1650 4103	Resistor - 10K $\Omega \pm 5\%$ 1/10W	
178	1650 4104	Resistor - 100K $\Omega \pm 5\%$ 1/10W	
179	1650 4109	Resistor - 1 $\Omega \pm 5\%$ 1/10W	
180	1650 4120	Resistor - 12 $\Omega \pm 5\%$ 1/10W	
181	1650 4150	Resistor - 15 $\Omega \pm 5\%$ 1/10W	
182	1650 4182	Resistor - 1.8K $\Omega \pm 5\%$ 1/10W	
183	1650 4220	Chip Resistor - 22 $\Omega \pm 5\%$ 1/10W	
184	1650 4222	Resistor - 2.2K $\Omega \pm 5\%$ 1/10W	
185	1650 4330	Chip Resistor - 33 $\Omega \pm 5\%$ 1/10W	
186	1650 4470	Resistor - 47 $\Omega \pm 5\%$ 1/10W	
187	1650 4472	Resistor - 4.7K $\Omega \pm 5\%$ 1/10W	
188	1650 4562	Resistor - 5.6K $\Omega \pm 5\%$ 1/10W	
189	1650 4680	Resistor - 68 $\Omega \pm 5\%$ 1/10W	
190	1650 4820	Resistor - 82 $\Omega \pm 5\%$ 1/10W	
191	1650 5680	Resistor - 68 $\Omega \pm 5\%$ 1/16W	
192	1654 1001	Resistor - 1K $\Omega \pm 1\%$ 1/10W	
193	1654 1201	Resistor - 1.2K $\Omega \pm 1\%$ 1/10W	
194	1654 2001	Chip Resistor - 2k $\Omega \pm 1\%$ 1/10W	
195	1654 7502	Resistor - 75K $\Omega \pm 1\%$ 1/10W	
196	1654 9532	Resistor - 98.3K $\Omega \pm 1\%$ 1/10W 1608	
197	1660 2221	Capacitor - 220pF +80-20% 50V	
198	1660 2331	Capacitor - 330pF $\pm 5\%$ 50V	
199	1660 2471	Capacitor - 470pF - $\pm 5\%$ - 50V	
200	1660 4102	Capacitor - 1000pF $\pm 10\%$ 50V	
201	1660 6103	Capacitor - 10000pF - +80%-20%50V	
202	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
203	1906 0017	Flash Memory - LH28F320BJ-PBTL70	

76.GW BOARD (B140/B141/B142/B143/B163/B228)

BAT

SYMBOL NO.	INDEX NO.
BAT1	116
BAT1	117

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	281
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---	---
---	---
---	---
---	---
C8	281
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
C12	281
C13	167
C14	171
C15	270
C16	281
C17	281
C18	281
C19	281
C20	275

SYMBOL NO.	INDEX NO.
C21	189
C22	187
C23	275
C24	281
C25	172
C26	270
C27	281
C28	173
C29	270
C30	281

SYMBOL NO.	INDEX NO.
C31	187
C32	187
C33	281
C34	281
C35	187
C36	187
C37	281
C38	167
C39	167
C40	281

SYMBOL NO.	INDEX NO.
C41	179
C42	187
C43	187
C44	281
C45	281
C46	281
C47	187
C48	187
C49	281
C50	281

SYMBOL NO.	INDEX NO.
C51	281
C52	188
C53	188
C54	188
C55	188
C56	188
C57	188
C58	281
C59	187
C60	281

CAPACITOR

SYMBOL NO.	INDEX NO.
C61	187
C62	281
C63	187
C64	187
C65	281
C66	179
C67	281
C68	281
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SYMBOL NO.	INDEX NO.
C71	167
C72	188
C73	188
C74	188
C75	273
C76	275
C77	188
C78	188
C79	188
C80	275

SYMBOL NO.	INDEX NO.
C81	273
C82	277
C83	176
C84	173
C85	167
C86	188
C87	281
C88	275
C89	281
C90	281

SYMBOL NO.	INDEX NO.
C91	281
C92	281
C93	281
C94	281
C95	281
C96	281
C97	281
C98	281
C99	281
C100	281

SYMBOL NO.	INDEX NO.
C101	281
C102	281
C103	174
C104	281
C105	281
C106	281
C107	275
C108	281
C109	275
C110	281

SYMBOL NO.	INDEX NO.
C111	275
C112	281
C113	281
C114	275
C115	179
C116	281
C117	281
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---	---

SYMBOL NO.	INDEX NO.
C121	277
C122	265
C123	265
---	---
---	---
C126	167
C127	275
C128	281
C129	281
C130	281

76.GW BOARD (B140/B141/B142/B143/B163/B228)

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	281	C141	268	C151	179	C161	184	C171	179	C181	179	C191	184
C132	187	C142	268	C152	273	C162	184	C172	273	C182	184	C192	184
C133	187	C143	265	C153	184	C163	188	C173	184	C183	273	C193	277
C134	179	C144	281	C154	184	C164	273	C174	184	C184	277	C194	184
C135	270	C145	275	C155	184	C165	273	C175	277	C185	179	C195	179
C136	281	C146	281	C156	184	C166	275	C176	279	C186	184	C196	184
C137	187	C147	275	C157	179	C167	179	C177	184	C187	273	C197	184
C138	187	C148	271	C158	184	C168	273	C178	184	C188	184	C198	277
C139	281	C149	271	C159	277	C169	273	C179	277	C189	188	C199	273
C140	179	C150	281	C160	184	C170	273	C180	184	C190	184	C200	273

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	179	C211	277	C221	169	C231	275	---	---	C251	188	C261	270
C202	188	C212	271	C222	275	C232	275	---	---	C252	281	C262	270
C203	188	C213	271	C223	281	C233	281	---	---	C253	277	C263	281
C204	275	C214	271	C224	281	C234	277	---	---	C254	281	C264	188
C205	277	C215	271	C225	275	C235	281	C245	281	C255	281	C265	281
C206	273	C216	169	C226	275	C236	281	C246	281	C256	281	C266	281
C207	273	C217	183	C227	179	C237	281	C247	277	C257	270	C267	281
C208	275	C218	183	C228	281	C238	281	C248	277	C258	270	C268	277
C209	277	C219	169	C229	275	---	---	C249	188	C259	188	C269	277
C210	188	C220	169	C230	275	---	---	C250	281	C260	188	C270	188

76.GW BOARD (B140/B141/B142/B143/B163/B228)

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	281	C281	275	C291	265	C301	179	C311	277	C321	273	C331	184
C272	188	C282	281	C292	278	C302	281	C312	277	C322	273	C332	277
C273	277	C283	281	C293	278	C303	188	C313	270	C323	277	C333	273
C274	277	C284	275	C294	278	C304	281	C314	188	C324	184	C334	188
C275	277	C285	189	C295	281	C305	281	C315	184	C325	188	C335	184
C276	281	C286	188	C296	278	C306	277	C316	277	C326	273	C336	277
C277	281	C287	188	C297	188	C307	277	C317	273	C327	277	C337	273
C278	277	C288	278	C298	278	C308	277	C318	188	C328	184	C338	273
C279	179	C289	281	C299	278	C309	277	C319	184	C329	188	C339	277
C280	281	C290	265	C300	275	C310	277	C320	277	C330	188	C340	184

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	188	C351	177	C361	270	C371	270	C381	277	C391	270	C401	281
C342	273	C352	177	C362	281	C372	281	C382	281	C392	281	C402	277
C343	277	C353	177	C363	270	C373	281	C383	281	C393	270	C403	281
C344	184	C354	182	C364	281	C374	281	C384	277	C394	281	C404	281
C345	188	C355	279	C365	281	C375	281	C385	281	C395	281	C405	281
C346	188	C356	281	C366	281	C376	277	C386	277	C396	281	C406	281
C347	269	C357	281	C367	281	C377	277	C387	277	C397	270	C407	188
C348	269	C358	270	C368	270	C378	277	C388	270	C398	281	C408	188
C349	281	C359	281	C369	270	C379	277	C389	270	C399	270	C409	281
C350	177	C360	281	C370	281	C380	281	C390	281	C400	281	C410	267

76.GW BOARD (B140/B141/B142/B143/B163/B228)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C411	179	C421	281	C431	188	C441	281	C451	281	C461	281	C471	277
C412	179	C422	281	C432	277	C442	275	C452	281	C462	187	C472	188
C413	179	C423	281	C433	275	C443	277	C453	281	C463	187	C473	275
C414	179	C424	275	C434	281	C444	188	C454	281	C464	277	C474	277
C415	281	C425	189	C435	281	C445	275	C455	281	C465	275	C475	188
C416	275	C426	279	C436	281	C446	277	C456	281	C466	188	C476	281
C417	281	C427	279	C437	281	C447	188	C457	281	C467	275	C477	281
C418	275	C428	188	C438	281	C448	281	C458	281	C468	277	C478	281
C419	187	C429	277	C439	281	C449	281	C459	281	C469	188	C479	281
C420	187	C430	275	C440	281	C450	281	C460	281	C470	275	C480	281

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C481	281	C491	281	C501	270
C482	281	C492	188	C502	275
C483	281	C493	173	C503	269
C484	281	C494	281	C504	187
C485	281	C495	175	C505	188
C486	281	C496	281	C506	188
C487	281	C497	281	C507	188
C488	281	C498	270	C508	188
C489	281	C499	270	---	---
C490	188	C500	281	C510	172

CONNECTOR

SYMBOL NO.	INDEX NO.
C511	188
C512	188
C513	189
C514	281
C515	281
C516	275
C517	269
C518	281

SYMBOL NO.	INDEX NO.
CN101	103
CN102	103
CN103	107
---	---
CN105	107
---	---
CN107	105
CN108	105
CN109	105
---	---
---	---

SYMBOL NO.	INDEX NO.
CN112	102
CN113	102
CN114	106

DIODE

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
D3	128
---	---
D5	127
---	---
D7	129
D8	131
D9	131
D10	129

76.GW BOARD (B140/B141/B142/B143/B163/B228)

DIODE

SYMBOL NO.	INDEX NO.
D11	128
D12	128
D13	130
D14	128
---	---
D16	131
D17	131
D18	129
D19	129

FILTER

SYMBOL NO.	INDEX NO.
FIL1	192
FIL2	191
FIL3	190

FUSE

SYMBOL NO.	INDEX NO.
FU1	111

IC

SYMBOL NO.	INDEX NO.
IC1	138
IC2	108
IC3	153
IC4	142
IC5	3
IC6	282
IC7	282
IC8	148
IC9	146
IC10	151

SYMBOL NO.	INDEX NO.
IC11	149
IC12	4
IC13	136
IC14	137
IC15	150
(Socket)	110
IC16	140
IC17	144
IC18	155
IC19	139
IC20	155

SYMBOL NO.	INDEX NO.
IC21	145
IC22	152
IC23	147
IC24	152
IC25	141
IC26	147
IC27	143
IC28	156

JP

SYMBOL NO.	INDEX NO.
JP1	204
JP2	204
---	---
---	---
JP5	206
---	---
JP7	206
---	---
JP9	204
JP10	204

SYMBOL NO.	INDEX NO.
JP11	206
JP12	206
JP13	206
JP14	206
---	---
JP16	204
JP17	204
JP18	206
JP19	206
---	---

JP

SYMBOL NO.	INDEX NO.
JP21	206
JP22	206
JP23	206
---	---
JP25	206
JP26	206
JP27	206
JP28	204
JP29	204
---	---

SYMBOL NO.	INDEX NO.
JP31	206
---	---
---	---
---	---
JP35	206
JP36	206
JP37	206
JP38	206
JP39	206
JP40	206

SYMBOL NO.	INDEX NO.
JP41	206
---	---
---	---
JP44	206
---	---
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
JP53	206
JP54	206
---	---
JP56	206
JP57	206
JP58	206
JP59	206
JP60	206

SYMBOL NO.	INDEX NO.
---	---
JP62	206
---	---
---	---
JP65	206
JP66	206
JP67	206
JP68	206
JP69	206
JP70	206

SYMBOL NO.	INDEX NO.
JP71	206
JP72	206
JP73	206
JP74	206
JP75	206
---	---
JP77	206
JP78	206

L

SYMBOL NO.	INDEX NO.
---	---
L2	197
L3	196
L4	194
L5	193
L6	193
L7	193
L8	193
L9	193
L10	193

76.GW BOARD (B140/B141/B142/B143/B163/B228)

L

SYMBOL NO.	INDEX NO.
L11	193
L12	193
L13	195
L14	199

LED

SYMBOL NO.	INDEX NO.
---	---
LED2	134
LED3	134
LED4	134
LED5	134
LED6	135
LED7	134
LED8	134
LED9	134
LED10	134

OSC

SYMBOL NO.	INDEX NO.
LED11	134
LED12	134
LED13	134
LED14	134

SYMBOL NO.	INDEX NO.
OSC1	161
OSC2	159
OSC3	160

Q

SYMBOL NO.	INDEX NO.
Q1	120
---	---
---	---
Q4	121
Q5	124
Q6	123
Q7	123
Q8	121
Q9	120
Q10	118

SYMBOL NO.	INDEX NO.
Q11	120
Q12	119
Q13	118
Q14	121
Q15	120
Q16	120
Q17	120
Q18	118
---	---
Q20	118

SYMBOL NO.	INDEX NO.
Q21	120
Q22	118
Q23	118
Q24	120
Q25	120
Q26	120
Q27	120
Q28	120
Q29	120
Q30	120

Q

SYMBOL NO.	INDEX NO.
Q31	120
Q32	120
Q33	120
Q34	120
Q35	120
Q36	120
---	---
Q38	120
---	---
Q40	120

SYMBOL NO.	INDEX NO.
Q41	120
Q42	120
---	---
---	---
Q45	120
---	---
Q47	118
---	---
Q49	120
Q50	118

SYMBOL NO.	INDEX NO.
Q51	118
Q52	118
Q53	118
Q54	118
Q55	118
Q56	120
Q57	120
Q58	120
Q59	120
Q60	120

SYMBOL NO.	INDEX NO.
Q61	120
Q62	120
Q63	120
Q64	120
Q65	123
Q66	126
Q67	126
Q68	123
Q69	120

RESISTOR

SYMBOL NO.	INDEX NO.
R1	211
R2	211
R3	248
R4	211
---	---
---	---
---	---
R8	211
R9	211
R10	240

SYMBOL NO.	INDEX NO.
R11	211
R12	248
R13	248
R14	248
R15	248
R16	248
R17	209
R18	248
R19	248
R20	248

SYMBOL NO.	INDEX NO.
R21	248
R22	248
R23	248
R24	248
R25	200
R26	211
R27	261
R28	231
R29	226
R30	242

76.GW BOARD (B140/B141/B142/B143/B163/B228)

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	211	R41	248	R51	248	R61	248	R71	248	R81	240	R91	240
R32	215	---	---	R52	211	R62	248	---	---	R82	240	R92	264
R33	215	R43	248	R53	248	R63	248	R73	219	R83	240	R93	264
R34	248	R44	248	---	---	R64	209	---	---	R84	240	R94	264
R35	248	R45	248	---	---	R65	248	R75	211	R85	240	R95	240
R36	248	R46	248	---	---	R66	248	R76	230	R86	240	R96	240
---	---	R47	248	---	---	R67	258	R77	230	R87	240	R97	240
R38	248	R48	248	R58	248	R68	210	R78	230	R88	240	R98	240
R39	248	R49	248	R59	248	R69	259	R79	230	R89	240	R99	264
---	---	---	---	R60	201	R70	232	R80	230	R90	240	R100	264

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	240	R111	211	R121	211	R131	230	R141	230	R151	248	R161	248
R102	240	R112	211	---	---	R132	230	R142	248	R152	211	---	---
R103	235	R113	211	R123	209	R133	230	---	---	R153	230	R163	211
---	---	R114	211	R124	230	R134	230	R144	211	R154	211	R164	211
---	---	R115	211	R125	209	R135	230	R145	248	R155	211	---	---
R106	240	R116	211	R126	230	R136	211	R146	248	R156	209	---	---
R107	215	R117	248	R127	230	R137	215	R147	211	R157	240	R167	248
R108	211	R118	248	R128	230	R138	215	R148	248	R158	240	R168	248
R109	211	R119	248	R129	230	R139	215	R149	248	R159	211	R169	248
R110	211	R120	248	R130	230	R140	215	R150	248	---	---	R170	248

76.GW BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	211	R181	211	---	---	---	---	R211	230	R221	251	R231	211
R172	211	R182	211	R192	211	R202	223	R212	230	R222	251	---	---
R173	215	R183	215	R193	230	R203	223	R213	230	R223	249	R233	230
R174	215	R184	215	R194	240	R204	208	R214	230	R224	249	R234	211
R175	215	R185	215	R195	240	R205	211	R215	230	R225	249	---	---
R176	215	R186	215	R196	247	R206	248	R216	230	R226	249	R236	248
R177	215	---	---	R197	248	R207	240	R217	230	R227	249	R237	232
R178	215	---	---	R198	248	---	---	R218	230	R228	249	R238	248
R179	240	---	---	R199	248	R209	209	R219	248	R229	249	R239	248
R180	240	---	---	R200	248	R210	230	R220	230	R230	249	R240	211

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.
R241	254	R251	211	R261	253	R271	209	R281	263	R291	257	R301	263
R242	254	R252	248	R262	253	R272	209	R282	263	R292	257	R302	263
---	---	R253	248	R263	211	R273	209	R283	263	R293	209	R303	225
R244	227	R254	211	R264	210	R274	248	R284	209	R294	209	R304	225
R245	211	---	---	R265	209	R275	219	R285	209	R295	211	R305	225
R246	211	R256	211	R266	209	---	---	---	---	R296	211	R306	225
R247	211	R257	211	R267	209	R277	211	R287	244	R297	211	R307	225
R248	248	R258	211	R268	209	R278	215	R288	237	R298	211	R308	225
R249	248	R259	211	R269	209	R279	263	R289	209	R299	256	R309	225
R250	215	R260	253	R270	209	R280	263	R290	209	R300	256	R310	225

76.GW BOARD (B140/B141/B142/B143/B163/B228)

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	225	R321	240	R331	211	R341	211	R351	263	R361	263	---	---
R312	248	R322	240	R332	211	R342	211	R352	263	R362	263	R372	210
R313	248	R323	240	R333	209	R343	241	R353	263	R363	263	---	---
R314	209	R324	248	R334	211	R344	241	R354	211	R364	222	---	---
R315	248	R325	230	R335	209	R345	241	R355	263	R365	222	R375	210
R316	240	R326	230	R336	211	R346	241	R356	211	R366	222	R376	248
R317	240	R327	240	R337	241	R347	241	R357	244	R367	222	R377	248
R318	240	R328	240	R338	241	R348	253	R358	263	R368	263	R378	230
R319	219	R329	230	R339	241	R349	253	R359	263	R369	263	R379	240
R320	210	R330	209	R340	241	R350	263	R360	263	R370	210	R380	240

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.
R381	215	---	---	R401	248	R411	248	R421	211	R430	248	R440	248
R382	248	R392	240	R402	248	R412	211	R422	238	R431	211	R441	248
R383	248	---	---	R403	248	R413	230	R422	211	R432	211	---	---
R384	211	R394	248	R404	248	R414	211	R423	211	R433	211	R443	240
R385	215	R395	248	R405	211	R415	230	R424	211	R434	248	---	---
R386	215	---	---	R406	248	R416	230	R425	211	R435	225	R445	215
R387	215	R397	211	R407	213	R417	211	R426	248	R436	225	R446	215
R388	215	R398	211	R408	211	R418	211	R427	250	R437	225	R447	248
R389	240	R399	211	R409	211	R419	211	---	---	R438	225	R448	215
R390	240	R400	248	R410	211	R420	211	R429	210	---	---	---	---
												R450	211

76.GW BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R461	211	R471	211	R481	233	R491	248	R501	215	R511	239
---	---	R462	230	R472	209	R482	232	R492	248	R502	215	R512	239
R453	223	R463	230	R473	209	R483	217	R493	248	R503	215	R513	230
R454	223	R464	248	R474	249	R484	220	R494	211	R504	215	R514	248
R455	223	R465	248	R475	210	R485	220	R495	211	R505	211	R515	248
R456	223	R466	211	R476	210	R486	229	R496	211	R506	211	R516	248
R457	248	R467	209	R477	249	R487	236	R497	224	R507	211	R517	248
R458	211	R468	240	R478	210	R488	228	R498	216	R508	211	R518	230
R459	223	R469	240	R479	212	R489	264	R499	218	R509	239	R519	230
R460	223	R470	211	R480	248	R490	228	R500	218	R510	239	R520	230

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.
R521	230	R531	215	R541	264	R551	264	R561	264	R571	252	R581	211
R522	230	R532	215	R542	264	R552	264	R562	264	R572	211	---	---
R523	246	R533	218	R543	264	R553	264	R563	215	---	---	R583	211
R524	245	R534	218	R544	264	R554	240	R564	215	---	---	R584	211
R525	211	R535	240	R545	264	R555	240	R565	215	R575	223	R585	211
R526	243	R536	240	R546	264	R556	240	R566	215	R576	223	R586	211
R527	221	R537	240	R547	264	R557	240	R567	221	---	---	R587	211
R528	209	R538	230	R548	264	R558	240	R568	209	---	---	R588	211
R529	215	R539	230	R549	264	R559	240	R569	218	R579	211	---	---
R530	215	R540	264	R550	264	R560	264	R570	218	R580	211	---	---

76.GW BOARD (B140/B141/B142/B143/B163/B228)

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R594	211
R595	211
---	---
R597	211
R598	211
R599	248
R600	211

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
R606	240
R607	240
R608	264
R609	264
R610	248

SYMBOL NO.	INDEX NO.
R611	241
R612	241
R613	241
R614	241
R615	241
R616	230
R617	230
R618	230
R619	230
R620	230

SYMBOL NO.	INDEX NO.
R621	230
R622	215
R623	211
R624	215
R625	211
R626	255
R627	202
R628	231
R629	223
R630	203

SYMBOL NO.	INDEX NO.
R631	261
R632	231
R633	223
R634	248
R635	211
R636	211
R637	211

REG

SYMBOL NO.	INDEX NO.
---	---
REG2	157
REG3	154
REG4	154
REG5	157

RN

SYMBOL NO.	INDEX NO.
RN1	166
RN2	166
RN3	166
RN4	166
RN5	166
RN6	166
RN7	166
RN8	166
RN9	165
RN10	165

RN

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

SYMBOL NO.	INDEX NO.
RN21	165
RN22	165
RN23	165
RN24	165
RN25	165
RN26	165
RN27	165
RN28	165
RN29	165
RN30	165

SYMBOL NO.	INDEX NO.
RN31	163
RN32	163
RN33	163
RN34	165
RN35	165
RN36	163
RN37	163
RN38	163
RN39	163
RN40	166

SYMBOL NO.	INDEX NO.
RN41	166
RN42	166
RN43	166
RN44	165
RN45	165
RN46	165
RN47	165
RN48	165
RN49	165
RN50	165

SYMBOL NO.	INDEX NO.
RN51	165
RN52	166
RN53	166
RN54	166
RN55	166
RN56	166
RN57	166
RN58	166
RN59	166
RN60	165

SYMBOL NO.	INDEX NO.
RN61	165
RN62	165
RN63	165
RN64	166
RN65	166
RN66	166
RN67	166
RN68	165
RN69	165
RN70	165

SYMBOL NO.	INDEX NO.
RN71	165
RN72	165
RN73	165
RN74	165
RN75	165
RN76	165
RN77	165
RN78	164
RN79	164
RN80	164

76.GW BOARD (B140/B141/B142/B143/B163/B228)

RN

SYMBOL NO.	INDEX NO.
RN81	164
RN82	164
RN83	164
RN84	164
RN85	164
RN86	164
RN87	164
RN88	164
RN89	164
RN90	164

SYMBOL NO.	INDEX NO.
RN91	164
RN92	164
RN93	164
RN94	164
RN95	164
RN96	164
RN97	164
RN98	164
RN99	164
RN100	164

SYMBOL NO.	INDEX NO.
RN101	164
RN102	164
RN103	164
RN104	164
RN105	164
RN106	164
RN107	164
RN108	164
RN109	164
RN110	164

SYMBOL NO.	INDEX NO.
RN111	165
RN112	165
RN113	165
RN114	165
RN115	165
RN116	165
RN117	165
RN118	165

SWITCH

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
SW4	115
SW5	113
SW6	114
SW7	112

TB

SYMBOL NO.	INDEX NO.
TB1	101
TB1	109

76.GW BOARD (B140/B141/B142/B143/B163/B228)

(CORE:SUPPLY BOARD)

CAPACITOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
C4	168
---	---
C6	168
C7	276
C8	266
C9	272
C10	272

SYMBOL NO.	INDEX NO.
C11	185
C12	180
C13	185
C14	280
---	---
C16	170
C17	170
C18	178
C19	280
C20	181

SYMBOL NO.	INDEX NO.
C21	280
C22	274
C23	274
---	---
C25	280
C26	186
C27	280
C28	186
C29	274
C30	266

SYMBOL NO.	INDEX NO.
C31	186
C32	274
C33	266
C34	266
C35	274
C36	178

DIODE

SYMBOL NO.	INDEX NO.
D1	133
D2	133

DA

SYMBOL NO.	INDEX NO.
DA1	132

L

SYMBOL NO.	INDEX NO.
L1	198
L2	198

JP

SYMBOL NO.	INDEX NO.
JP1	205
JP2	205
JP3	205
JP4	205
JP5	205
JP7	205

Q

SYMBOL NO.	INDEX NO.
Q1	122
Q2	122
Q3	122
Q4	122
Q5	122
Q6	122
Q7	122
Q8	122
Q9	125
Q10	125

SYMBOL NO.	INDEX NO.
Q11	125
Q12	125

REGISTOR

SYMBOL NO.	INDEX NO.
R1	162
R2	162
R3	162
R4	162
R5	234
R6	260
R9	207
R7	214
R8	214
---	---

SYMBOL NO.	INDEX NO.
R11	214
R12	214
R13	214
R14	214
R15	262

REG

SYMBOL NO.	INDEX NO.
REG1	158

76.GW BOARD (B140/B141/B142/B143/B163/B228)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B140 5832	PCB Control Board Ass'y	1
3	B070 5740	ASIC:Bassoon	1
4	B140 5742	RAM:BIOS	1
101	1102 5944	Connector - 3P	
102	1102 9164	Connector:6410-03A	
103	1102 9185	Connector:DM-6D4-B2410	
104	1102 9187	Connector:IMSA-9210B-2-60I-GF	
105	1102 9336	Connector:FPS009-2300-0	
106	1102 9337	Connector:14016PS-JUK-G-B-1	
107	1102 9686	Connector - RHM-176P-SDK11-U1L1C	

Index No.	Part No.	Description	Q'ty Per Assembly
108	1104 0589	DIP Socket - 32p	
109	1104 0683	Socket - IMSA-9206H-GF	
110	1104 0803	Socket	
111	1107 0862	Fuse - TE5T 19396/5A	
112	1204 1385	Push Switch	
113	1204 1541	DIP Switch	
114	1204 1542	DIP Switch	
115	1204 1543	DIP Switch	
116	1206 0085	Lithium Cell:Cr2032	
117	1206 0086	Dry Cell Holder:20H-1T	
118	1400 0730	Transistor - 2SD1782K	
119	1400 0743	Transistor - 2SB1198K	
120	1401 0902	Fet:2SK1590	
121	1401 1203	Fet:HAT1048R	
122	1401 1214	Fet:HAT2064R	
123	1401 1220	Fet:FDS6614A	
124	1401 1221	Fet:FDS6961A	
125	1401 1222	Fet:HAT2068R	
126	1401 1235	Fet:HAT2071R	
127	1402 1265	Diode - RB411D	
128	1402 1336	Diode - 1SS355	
129	1402 1343	Diode - RB106L-40	
130	1402 1365	Diode-RB751V-40	
131	1402 1530	Diode - RB520S-30	
132	1402 1660	Diode:BA	
133	1402 1661	Diode:MBRS3	
134	1403 0987	LED SML-211UT	
135	1403 1100	LED:SML-211YT	
136	1403 1101	Thermo Sensor :LM87C1MT	
137	1407 5181	CMOS Logic:TC7W53FU	
138	1407 5197	IC - TC7SZ126FU	
139	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
140	1407 5321	CMOS Logic - 74LVCH16374A TSSOP	
141	1407 5327	CMOS Logic - 74LVC139A TSSOP	
142	1407 5366	IC - 74LVC08A TSSOP	

Index No.	Part No.	Description	Q'ty Per Assembly
143	1407 5482	IC - SN74LVC07APW	
144	1407 5485	IC - SN74VC574APW	
145	1407 5511	IC - SN74LVC14APW	
146	1407 5523	ROM - I2C SOP 3V	
147	1407 5631	IC:SN74LVC86APW	
148	1407 5733	IC:SN74ALVC244PW	
149	1407 5798	Clock Generator:ICS9248AF-64	
150	1407 5800	CPU:DHG0800AVS1B	
151	1407 5801	Southbridge:AMD-766AC2	
152	1407 5803	IC:SN74LV132APW	
153	1407 6244	Northbridge:AMD-761AC2(B2)	
154	1408 1551	Regulator:TA76431F	
155	1408 1595	IC:PST9231N	
156	1408 1784	IC:ML6554CU	
157	1408 1785	IC:LTC1628CG	
158	1408 1787	IC:LTC1709EG-7	
159	1503 0773	Crystal Oscillator:32.768Khz:7pF	
160	1503 0842	Oscillator - 14.31818MHZ	
161	1503 0876	Crystal Oscillator:33.3Mhz	
162	1600 1920	Resistor:0.003 Ω : $\pm$ 1%:3W	
163	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
164	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	
165	1601 7898	Resistor Array	
166	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32W	
167	1604 4994	Capacitor - 100 μ F $\pm$ 20% 6.3V	
168	1604 5044	Capacitor:1000uf: $\pm$ 20%:2.5V	
169	1604 5044	Capacitor:1000uf: $\pm$ 20%:2.5V	
170	1604 5122	Capacitor:100uf: $\pm$ 20%:16V	
171	1604 5123	Capacitor:220uf: $\pm$ 20%:16V	
172	1604 5124	Capacitor:330uf: $\pm$ 20%:16V	
173	1604 5125	Capacitor:470uf: $\pm$ 20%:6.3V	
174	1604 5126	Capacitor:560uf: $\pm$ 20%:6.3V	
175	1604 5127	Capacitor:820uf: $\pm$ 20%:6.3V	
176	1604 5128	Capacitor:1200uf: $\pm$ 20%:4V	
177	1605 0781	Capacitor - 5pF 50V	

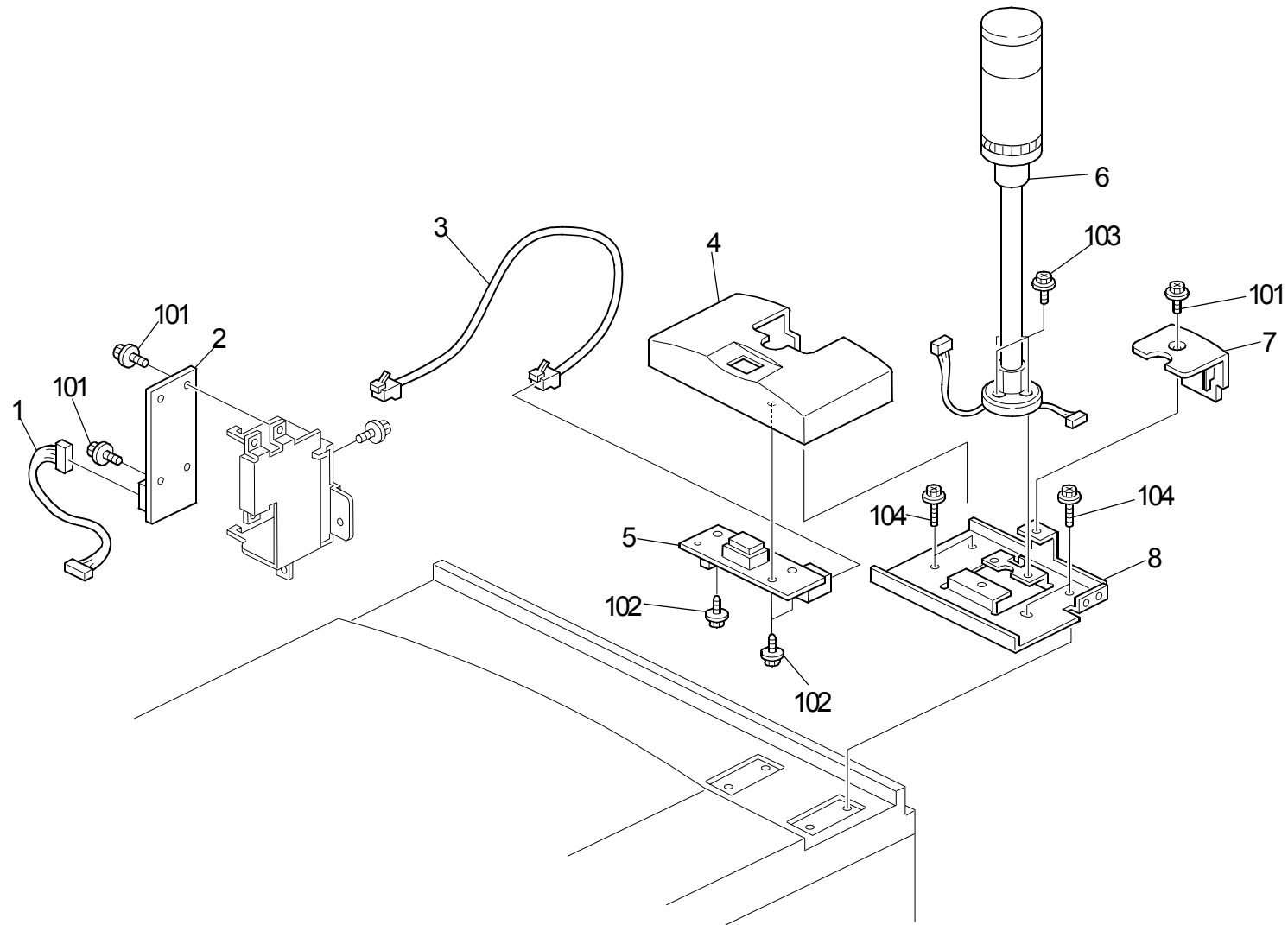
Index No.	Part No.	Description	Q'ty Per Assembly
178	1605 1081	Capacitor - 10 μ F+80-20% 25V	
179	1605 1124	Capacitor - 4.7 μ F+80 -20% 10V	
180	1605 1132	Capacitor - 2.2 μ F+80-20% 16V	
181	1605 1154	Capacitor- 1 μ F $\pm$ 10%16v	
182	1605 1161	Capacitor - 0.33 μ F $\pm$ 10% 10V	
183	1605 1165	Capacitor:680pF: $\pm$ 5%:50V	
184	1605 1167	Capacitor - 0.22 μ F $\pm$ 10% 10V	
185	1605 1176	Ceramic Capacitor 0.47 μ F+80-20%16V	
186	1605 1181	Capacitor - 10 μ F+80-20% 10V	
187	1605 1282	Capacitor:22uf:+80-20%:10V	
188	1605 1295	Capacitor:10uf:+80-20%:10V	
189	1605 1306	Capacitor - 1 μ F $\pm$ 10% 10V	
190	1607 0524	Capacitor - BLM31B601SPB	
191	1607 1014	EMI Filter - BLM11P600SPB	
192	1607 1027	Filter:HF30ACC321611	
193	1607 1430	Inductor:NL252018-010J	
194	1607 1431	Inductor:CDRH125-3R1NC	
195	1607 1432	Inductor:CDRH127-2R4NC	
196	1607 1433	Inductor:CDRH124-3R9MC	
197	1607 1434	Inductor:CDRH6D38-120NC	
198	1607 1435	Inductor:CDEP149-1R0MC-H	
199	1607 1468	Inductor:CDRH6D38-8R7NC	
200	1610 1639	Resistor - 0.033 Ω $\pm$ 1% 1/2W	
201	1610 1640	Resistor - 0.01 Ω $\pm$ 1% 1/2W	
202	1610 1683	Resistor - 0.025 Ω $\pm$ 1% 1/2W	
203	1610 1685	Resistor - 0.006 Ω $\pm$ 1% 1W	
204	1633 0000	Resistor - 0 Ω 1/10W	
205	1634 0000	Resistor - 0 Ω 1/16W	
206	1634 0000	Resistor - 0 Ω 1/16W	
207	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
208	1650 4106	Resistor - 10M Ω $\pm$ 5%1/10W	
209	1654 1000	Resistor - 100 Ω $\pm$ 1% 1/10W	
210	1654 1001	Resistor - 1K Ω $\pm$ 1%1/10W	
211	1654 1002	Resistor - 10K Ω $\pm$ 5%1/10W	
212	1654 1003	Resistor - 100K Ω $\pm$ 1%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
213	1654 1004	Chip Resistor - 1m Ω $\pm$ 1% 1/10W	
214	1654 1009	Resistor - 10 Ω $\pm$ 1% 1/10W	
215	1654 1009	Resistor - 10 Ω $\pm$ 1% 1/10W	
216	1654 1100	Resistor - 110 Ω $\pm$ 1% 1/10W	
217	1654 1102	Resistor - 11K Ω $\pm$ 1% 1/10W	
218	1654 1200	Resistor - 120 Ω $\pm$ 1% 1/10W	
219	1654 1201	Resistor - 1.2K Ω $\pm$ 1% 1/10W	
220	1654 1212	Resistor - 12.1K Ω $\pm$ 1% 1/10W	
221	1654 1500	Resistor - 150 Ω $\pm$ 1 %1/10W	
222	1654 1501	Resistor - 1.5K Ω $\pm$ 1% 1/10W 1608	
223	1654 1502	Resistor - 15K Ω $\pm$ 1% 1/10W	
224	1654 1620	Resistor - 162 Ω $\pm$ 1% 1/10	
225	1654 1801	Resistor - 1.8K Ω $\pm$ 1%1/10W	
226	1654 1802	Resistor - 18K Ω $\pm$ 1%1/10W	
227	1654 2000	Resistor:200: Ω $\pm$ 1%:1/10W	
228	1654 2001	Chip Resistor - 2k Ω $\pm$ 1% 1/10W	
229	1654 2002	Resistor - 20K Ω $\pm$ 1%1/10W	
230	1654 2209	Resistor - 22 Ω $\pm$ 1% 1/10W	
231	1654 2402	Chip Resistor:24k Ω : $\pm$ 1%:1/10W	
232	1654 2432	Resistor:24.3k Ω : $\pm$ 1%:1/10W	
233	1654 2700	Resistor:270: Ω : $\pm$ 1%:1/10W	
234	1654 2701	Resistor - 2.7K Ω $\pm$ 1% 1/10W	
235	1654 2879	Resistor - 28.7 Ω $\pm$ 1%1/10W	
236	1654 2942	Resistor - 29.4K Ω $\pm$ 1% 1/10W	
237	1654 3010	Resistor - 301 Ω $\pm$ 1% 1/10W	
238	1654 3300	Chip Resistor:330 Ω : $\pm$ 1%:1/10W	
239	1654 3301	Resistor - 3.3K Ω $\pm$ 1% 1/10W	
240	1654 3309	Resistor - 33 Ω $\pm$ 1% 1/10W	
241	1654 3901	Resistor - 3.9K Ω $\pm$ 1% 1/10W	
242	1654 3902	Resistor - 39K Ω $\pm$ 1% 1/10W	
243	1654 3929	Resistor - 39.2 Ω $\pm$ 1% 1/10W	
244	1654 4029	Resistor - 40.2 Ω $\pm$ 1% 1/10W	
245	1654 4129	Resistor - 41.2 Ω $\pm$ 1% 1/10W	
246	1654 4539	Resistor - 45.3 Ω $\pm$ 1% 1/10W	
247	1654 4700	Resistor - 470 Ω $\pm$ 1% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
248	1654 4701	Resistor - 4.7K Ω $\pm$ 1% 1/10W	
249	1654 4709	Resistor - 47 Ω $\pm$ 1% 1/10W	
250	1654 5100	Resistor:510 Ω : $\pm$ 1%:1/10W	
251	1654 5109	Resistor:51 Ω : $\pm$ 1%:1/10W	
252	1654 5111	Resistor - 5.11K Ω $\pm$ 1% 1/10W	
253	1654 5600	Resistor - 560 Ω $\pm$ 1% 1/10W	
254	1654 5601	Resistor - 5.6K Ω $\pm$ 1% 1/10W	
255	1654 5602	Chip Resistor - 56k Ω $\pm$ 1% 1/10W	
256	1654 5609	Resistor:56 Ω : $\pm$ 1%:1/10W	
257	1654 6049	Resistor - 60.4 Ω $\pm$ 1% 1/10W	
258	1654 6200	Resistor - 620 Ω $\pm$ 1% 1/10W	
259	1654 6801	Resistor - 6.8K Ω $\pm$ 1% 1/10W	
260	1654 6981	Resistor - 6.98K Ω $\pm$ 1% 1/10W	
261	1654 7502	Resistor - 75K Ω $\pm$ 1%1/10W	
262	1654 7503	Resistor - 750K Ω $\pm$ 1% 1/10W	
263	1654 8200	Resistor - 820 Ω $\pm$ 1%1/10W	
264	1654 8201	Resistor - 8.2K Ω $\pm$ 1% 1/10W	
265	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
266	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
267	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
268	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
269	1660 2221	Capacitor - 220pF +80-20% 50V	
270	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	
271	1660 2390	Ceramic Capacitor - 39pF 50V	
272	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
273	1660 2680	Capacitor - 68pF $\pm$ 5% 50V	
274	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
275	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
276	1660 6103	Capacitor - 10000pF - +80%-20%50V	
277	1660 6103	Capacitor - 10000pF - +80%-20%50V	
278	1660 6223	Capacitor - 22000pF +80 -20% 50V	
279	1660 6473	Capacitor - 47000pF +80,-20% 50V	
280	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
281	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
282	1906 0045	Flash Memory:MBM29LV650UE90TN	

77.CALL LIGHT (PATROL LIGHT) (G126)

Rev. 05/01/2005



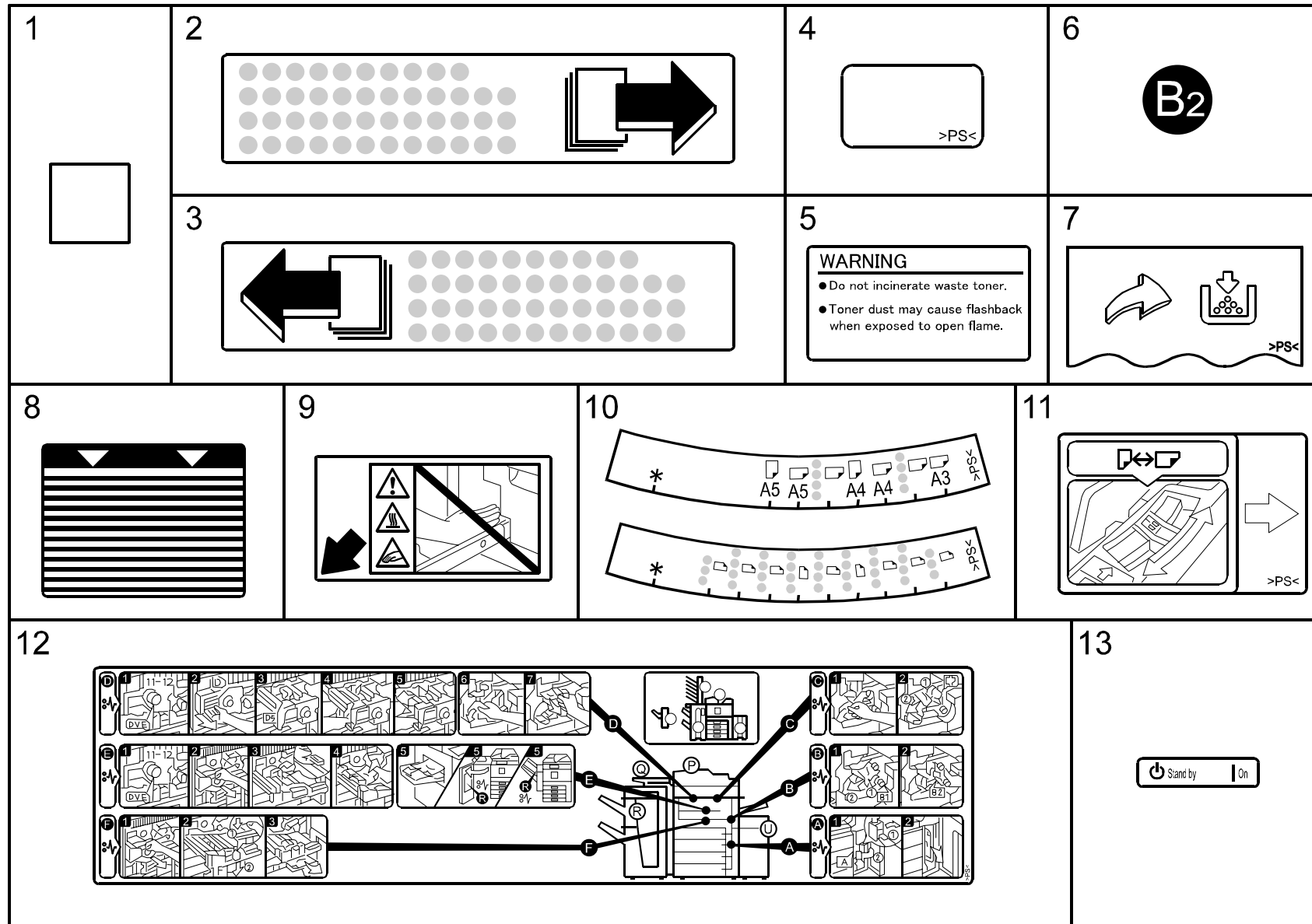
77.CALL LIGHT (PATROL LIGHT) (G126)

Rev. 05/01/2005

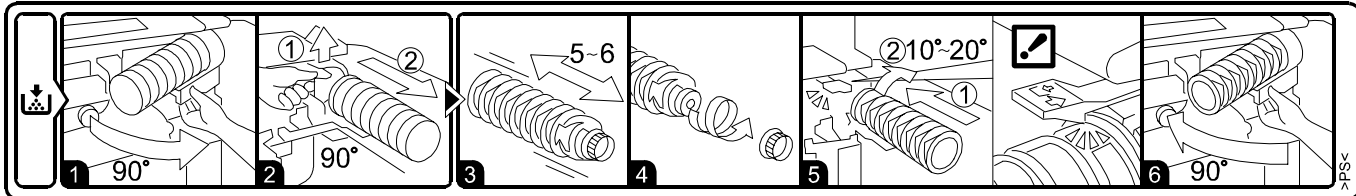
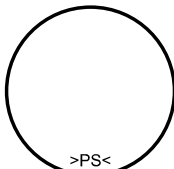
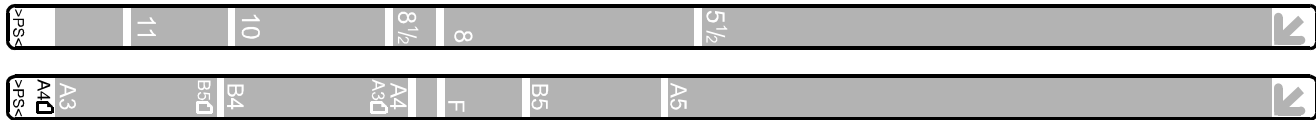
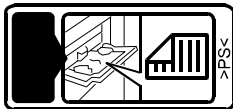
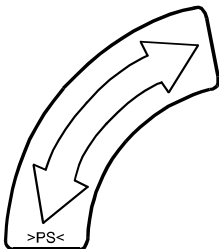
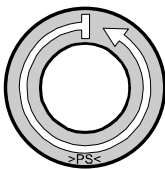
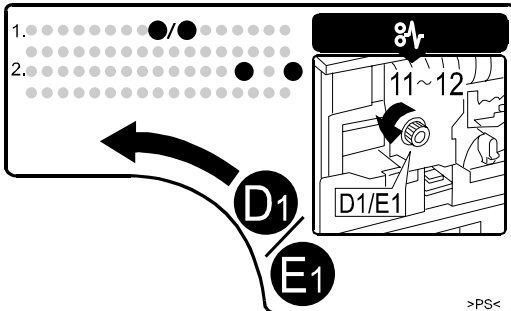
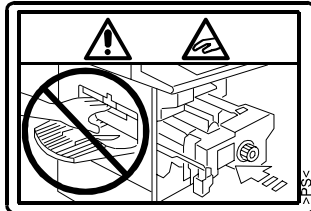
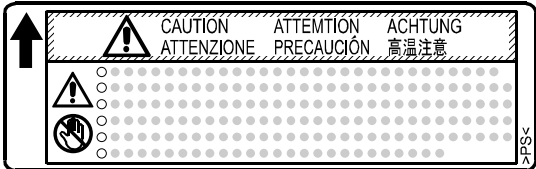
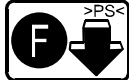
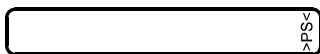
Index No.	Part No.	Description	Q'ty Per Assembly
1	G810 5407	Harness – SWB	1
2	G810 5260	PCB: SWB	1
3	G810 5408	Cable: SWB	1
4	G810 1211	LED Stand Front Cover	1
5	G810 5261	PCB: SWB LED	1
6	G810 1020	LED Display	1
7	G810 1220	LED Stand Rear Cover	1
8	G810 1031	Base Stand: LED	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 4008N	Screw – M4x8	
102	0450 3008N	Tapping Screw – M3x8	
103	0802 5282	Tapping Screw – M4x8	
104	0360 4014N	Screw – M4x14	

78.DECAL AND DOCUMENTS



78.DECAL AND DOCUMENTS

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16			17		
					
18	19	20		21	22
					
23		24	25		27
					
		26	28		
					

78.DECAL AND DOCUMENTS

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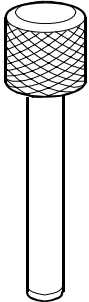
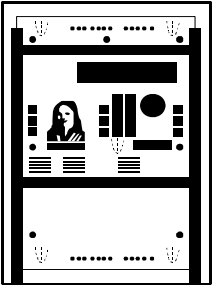
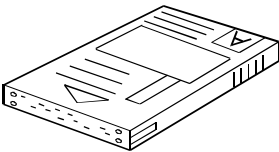
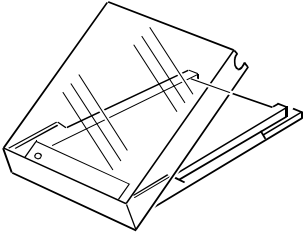
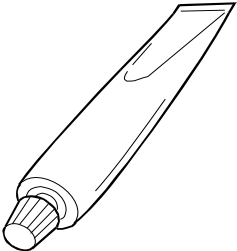
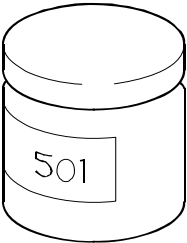
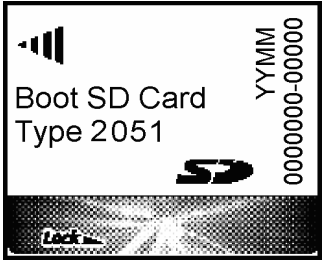
78.DECAL AND DOCUMENTS

Index No.	Part No.	Description	Q'ty Per Assembly
1	A029 2984	Decal - Grip	1
2	A096 6677	Decal - Right Paper Set	1
2	B065 6878	Decal - Right Paper Set (KOR/CHN/TWN)	1
3	A096 6678	Decal - Left Paper Set	1
3	B065 6879	Decal - Left Paper Set (KOR/CHN/TWN)	1
4	A294 1378	Decal - Total Counter	1
5	AA00 0059	Caution Decal - English	1
5	AA00 0550	Caution Decal - CHN	1
6	AA00 1213	Decal - B2	1
7	AA00 1394	Decal - Toner Supply	1
8	AA00 2010	Decal - Paper Level	1
9	AA00 2246	Decal - Caution	1
10	AA00 2258	Decal - Paper Size LT	1
10	AA00 2259	Decal - Paper Size - A4	1
11	AA00 2261	Decal - Universal Tray	1
12	B065 1361	Decal - Misfeed Removal	1
13	B065 1363	Decal - Main Switch	1
13	B065 1364	Decal - Main Switch	1
14	B065 1366	Decal - Toner Supply	1
15	B065 1367	Decal - Front Door	1
16	B065 1779	Decal - Scale (LT)	1
16	B065 1778	Decal - Scale (A4)	1
17	B065 2746	Decal - Paper Set	1
18	B065 3699	Decal - Release Lever	1
19	B065 4167	Decal - Fusing Knob	1
20	B065 4274	Decal - Misfeed Removal	1
20	B065 4253	Decal - Misfeed Removal (KOR)	1
20	B065 4256	Decal - Misfeed Removal (CHN)	1
20	B065 4257	Decal - Misfeed Removal (TWN)	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 6635	Decal - Paper Tray 1	1

Index No.	Part No.	Description	Q'ty Per Assembly
27	B065 6636	Decal - Paper Tray 2	1
28	B065 6637	Decal - Paper Tray 3	1
29	B065 6846	Decal - Paper Set - Left	1
30	B065 6877	Decal - Paper Set - Right	1
31	B065 8490	Decal Sheet - Paper Size	1
32	B477 4311	Decal - Original Base	1
33	B477 4331	Decal - Original Size	1
34	B477 4352	Decal - Misfeed Removal	1
35	B477 4362	Decal - Misfeed Removal - Exit	1
36	B477 4381	Caution Decal - CIS	1
37	B477 4391	Decal - Exposure Glass Cleaning	1
38	B477 4431	Decal - Original Table	1
39	G029 1982	LD - Decal	1
39	AA00 0250	LD - Decal (CHN/TWN)	1
40	G564 6077	Decal:Exposure Glass:5-Lang	1
40	B477 4341	Decal - Exposure Glass (CHN)	1
40	B477 4342	Decal - Exposure Glass (TWN)	1
41	B477 4371	Decal - Cleaning	1
41	B065 7133	Decal - Cleaning (CHN)	1
41	B065 7134	Decal - Cleaning (TWN)	1
42	B070 1307	Caution Decal - Paper Set	1
43	B064 6607	Operating Instructions - Copy NA English (B064/B065)	1
43	B064 7207	Operating Instructions - Main NA English (B064/B065)	1
43	B064 6606	Operating Instructions - Copy Chinese (B140/B141/B142/B143/B163/B228)	1
43	B064 6608	Operating Instructions - Copy Aa English (B140/B141/B142/B143/B163/B228)	1
43	B064 6609	Operating Instructions - Copy Taiwanese (B140/B141/B142/B143/B163/B228)	1
43	B064 7206	Operating Instructions - Main Chinese (B140/B141/B142/B143/B163/B228)	1

Index No.	Part No.	Description	Q'ty Per Assembly
43	B064 7208	Operating Instructions - Main Aa English (B140/B141/B142/B143/B163/B228)	1
43	B064 7209	Operating Instructions - Main Taiwanese (B140/B141/B142/B143/B163/B228)	1
44	B065 3833	Decal - Transfer Unit Lever	1
45	B065 3342	Decal - Toner Supply	1
45	B065 3343	Decal - Toner Supply	1
45	B065 3344	Decal - Toner Supply	1
45	B065 3345	Toner Supply Decal - German	1
45	B065 3346	Toner Supply Decal - French	1
45	B065 3347	Toner Supply Decal - Italian	1
45	B065 3348	Toner Supply Decal - Spanish	1
46	AA00 0542	Decal - Laser Class 1 (EU)	1
47	B082 6403	Decal - Power Source:Off:EXP	1
48	B141 6707	Operating Instructions - Main NA English	1
49	B141 6607	Operating Instructions - Copy NA English	1
50	B141 6801	Operating Instructions - Security NA English	1
51	B659 8607	Operating Instructions - Printer NA English	1

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

1	2	3	4
			
5	6	7	10
			
		8	9
			
			11
			

79.SPECIAL TOOLS (B064/B065/B163/B140/B141)

Rev. 03/23/2006

Index No.	Part No.	Description	Q'ty Per Assembly
1	A006 9104	Adjusting Scanner Pin (4pcs/set)	1
2	A292 9500	Test Chart - S5S (10 Pcs/set)	1
2	VSST 9500	Test Chart - S5s- Df (10 Sheet/set)	1
3	N803 6701	Flash Memory Card-4MB	1
4	N803 1000	Case - Flash Memory Card	1
5	A257 9300	Grease - Barrierta S552R	1
6	5203 9502	Grease 501	1
6	5203 9501	Grease 501	1
7	5442 9101	Setting Powder	1
8	B645 5010	SD Card Kit	1
9	B645 6700	PCMCIA Card Adapter: BN-SDAA2	1
10	B645 6800	USB Reader/Writer: BN-SDCE2	1
11	B645 6090	Boot SD Card Type 2051 [TSB#091]	1

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

**B064/B065/B140/B141/B142/
B143/B163/B228/G126
PARTS INDEX**

This section instructs you as to the numbers and names of parts on this machine.

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	AA01 0114	Ozone Filter (TOP)	Front Ozone Filter	1	17- 23
DF ORIGINAL FEED 2	B477 2225	Pick-up Roller	Pick-up Roller	1	25- 6
	A806 1295	Paper Feed Belt	Feed Belt	1	25- 22
DF ORIGINAL TRANSFER 4	A859 2241	Separation Roller	Reverse Roller	1	33- 10
PAPER FEED UNIT 1	AF03 1065	Feed Roller	Paper Feed Roller (B064/B065)	1	63- 3
	AF03 1082	Feed Roller	Paper Feed Roller:Feed (B140/B141/B142/B143/B163/B228)	1	63- 3
	AF03 0051	Pick-up Roller	Pick-up Roller (B064/B065)	1	63- 1
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