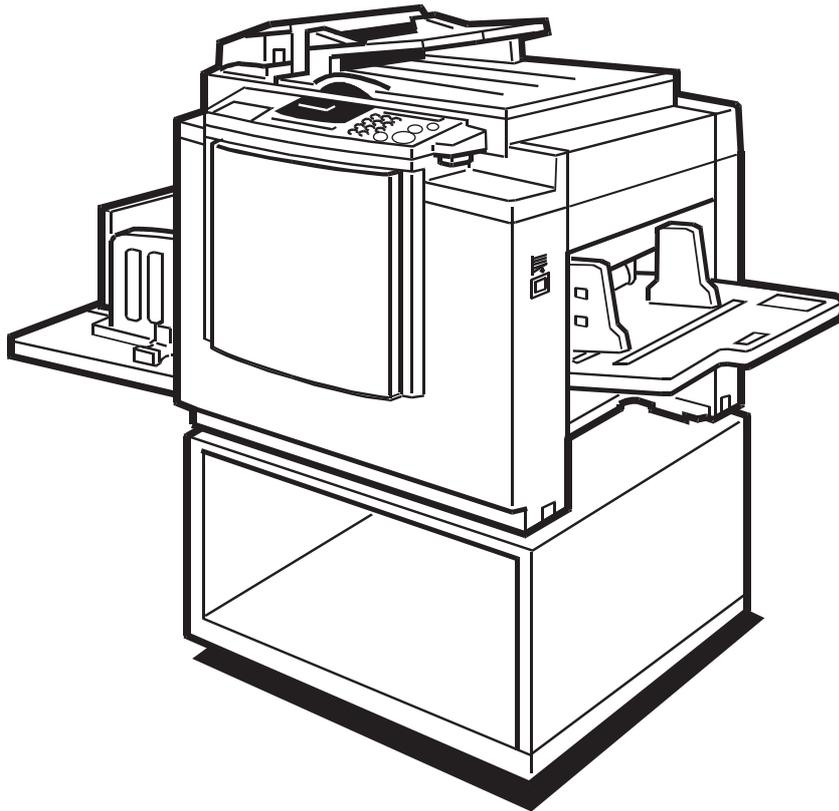


*Gestetner*® **LANIER**  **RICOH**® **SAVIN**®



**C231/C237/C238/C248**  

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**PARTS CATALOG**  

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RICOH GROUP COMPANIES

000876MIU



*Gestetner*<sup>®</sup>  
**LANIER**<sup>®</sup>  
**RICOH**<sup>®</sup>  
**savin**<sup>®</sup>

**C231/C237/C238/C248**  
**PARTS CATALOG**

RICOH GROUP COMPANIES



*Gestetner*<sup>®</sup>  **LANIER RICOH<sup>®</sup> SAVIN<sup>®</sup>**

**C231/C237/C238/C248**

**PARTS CATALOG**



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# LEGEND

PRODUCT CODE	COMPANY			
	GESTETNER	LANIER	RICOH	SAVIN
C231	5306L		JP1030	3150NP
C237	5308L	LDD020	JP1230	3150eDNP
C238	5430	LDD030	JP3000	3260DNP
C248*	5309L		JP1235	3160DNP
C532	TAPE MARKER			
C600	DOCUMENT FEEDER			
B406	PLATEN COVER TYPE 1018			

\*NOTE: The **Unique Parts Listing** for the C248 is located in the C231/C237/C238/C248 Service Manual.

# DOCUMENTATION HISTORY

REV. NO.	DATE	COMMENT
*	9/98	Original Printing
1	8/2000	C237 Addition
2	1/2002	C238 Addition
3	2/2003	C248 Addition



# C231/C237/C238/C248 PARTS CATALOG

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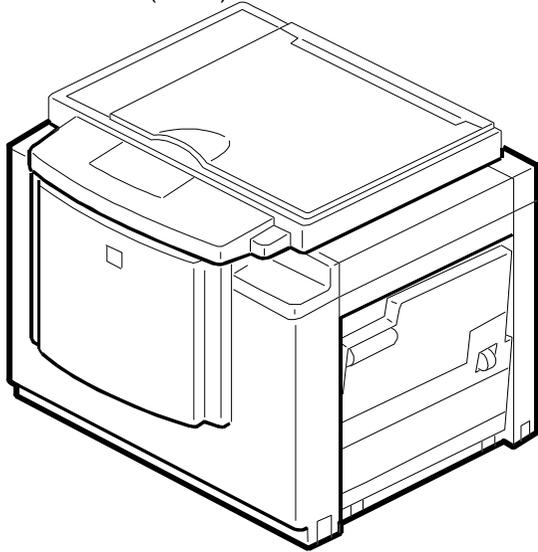
**C231**  
**PARTS LOCATION AND LIST**



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

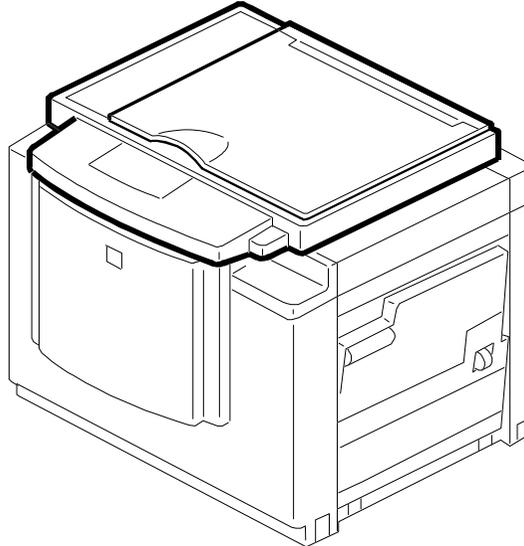
## Location of Unit

1.Exterior 1 (C231)



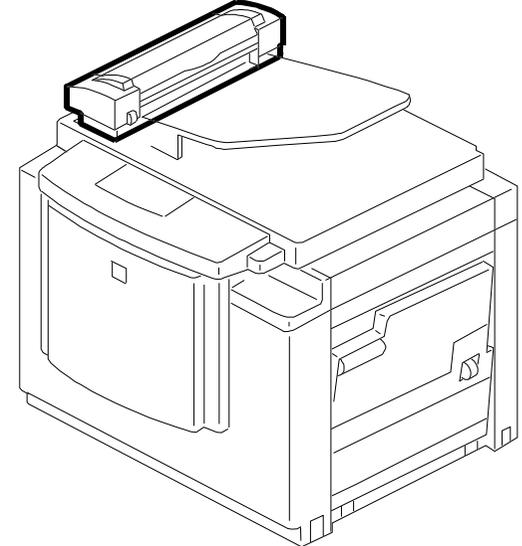
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2.Exterior 2 (C231)



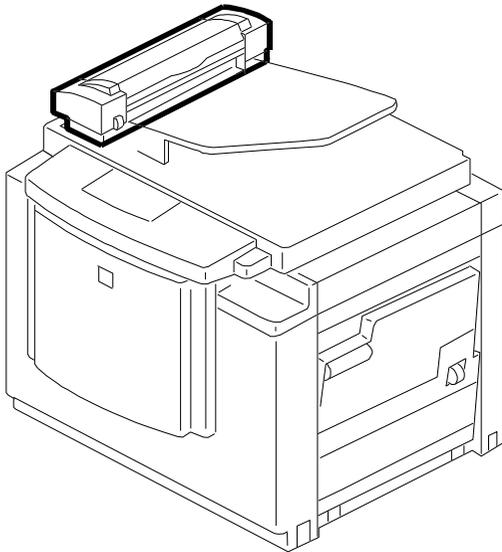
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3.ADF Unit 1



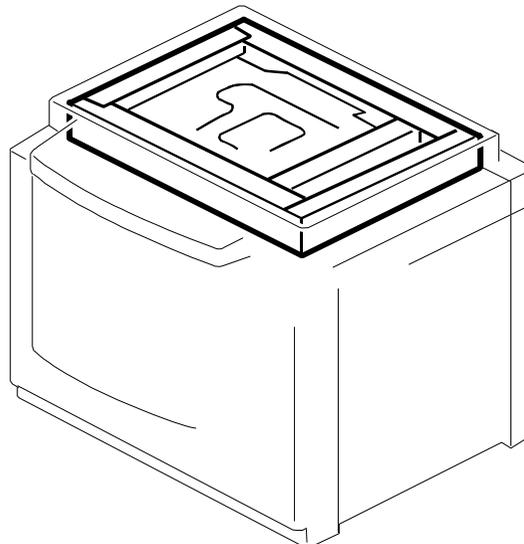
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4.ADF Unit 2



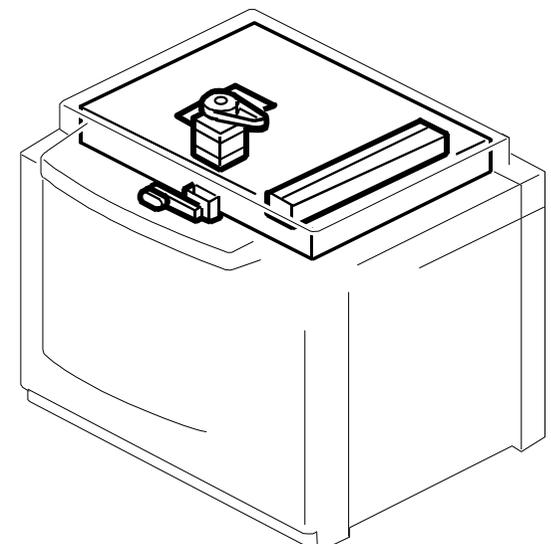
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5.Scanner Section 1 (C231)



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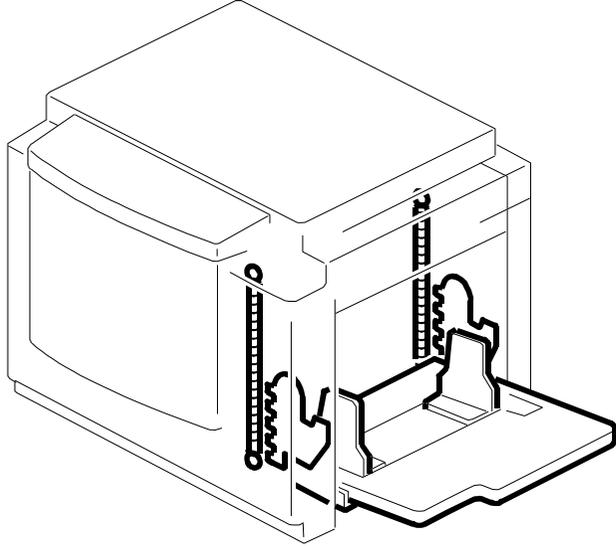
6.Scanner Section 2 (C231)



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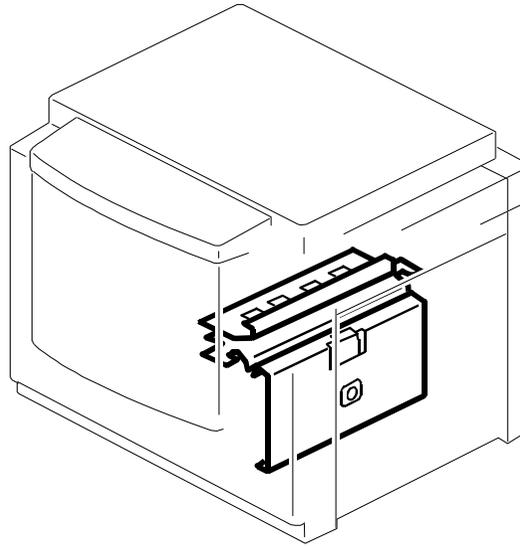
## Location of Unit

7.Paper Table Section (C231)



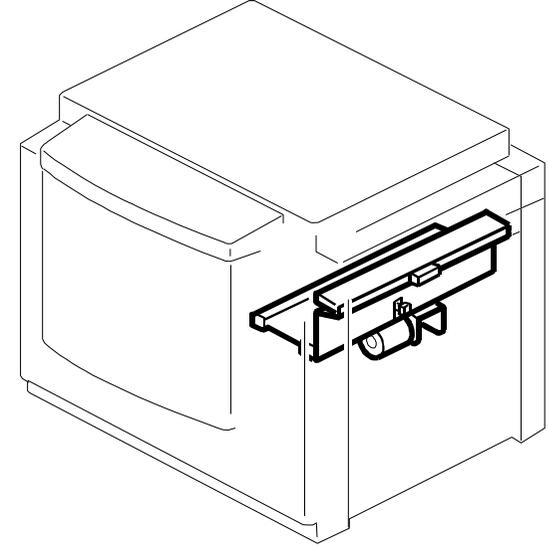
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8.Paper Feed Section (C231)



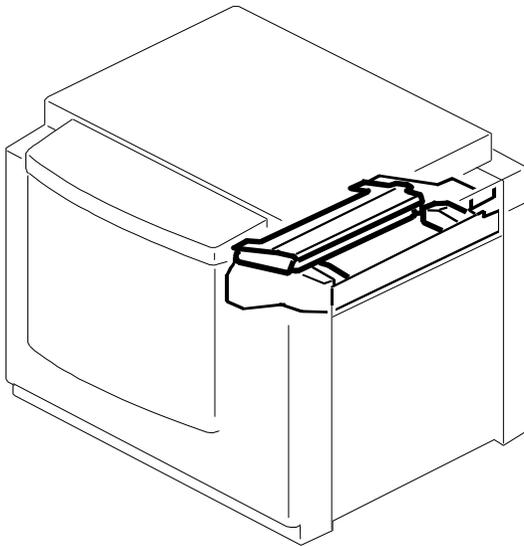
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9.Paper Registration (C231)



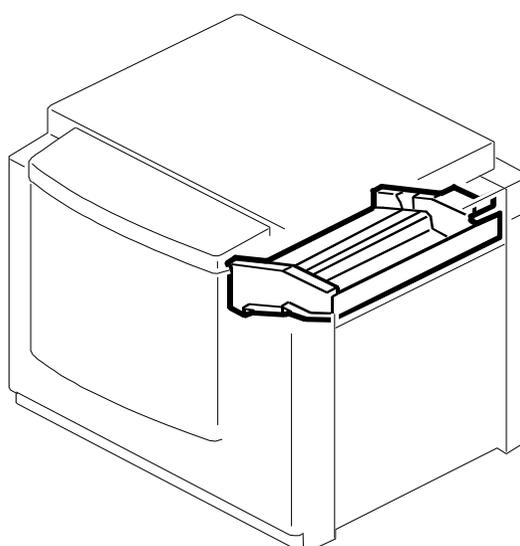
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10.Plotter Unit 1 (C231)



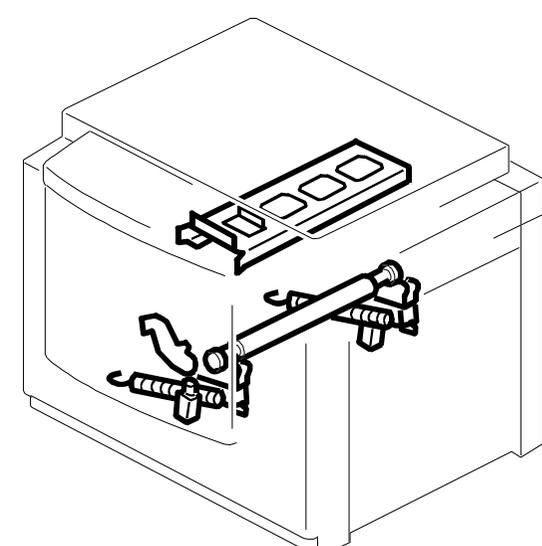
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11.Plotter Unit 2 (C231)



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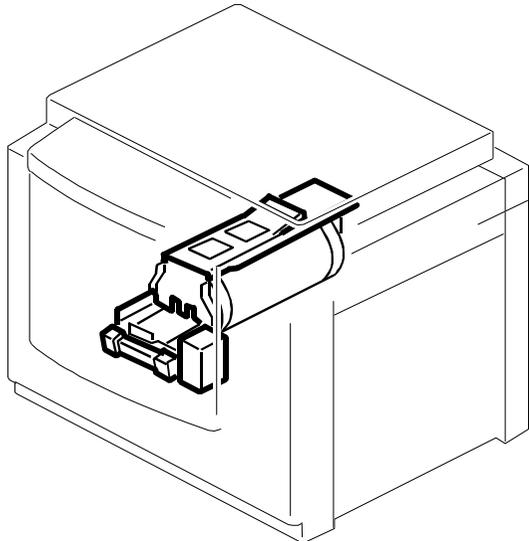
12.Press Roller Section (C231)



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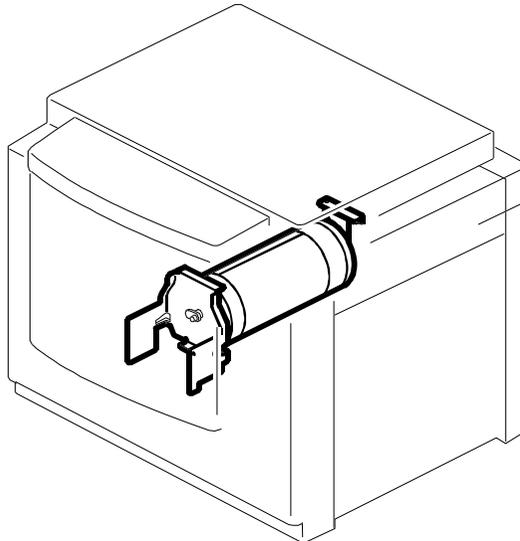
## Location of Unit

13.Drum Unit 1 (C231)



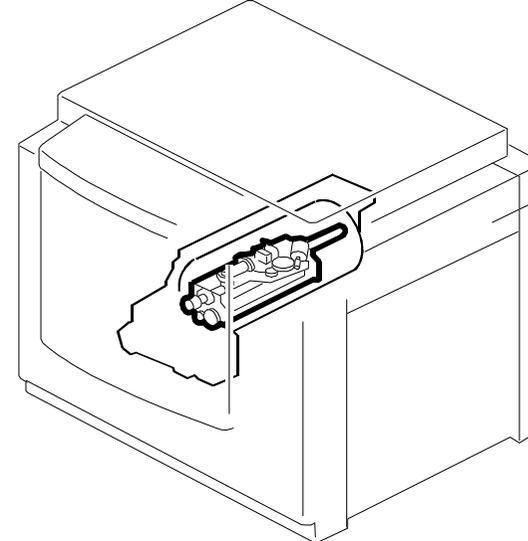
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14.Drum Unit 2 (C231)



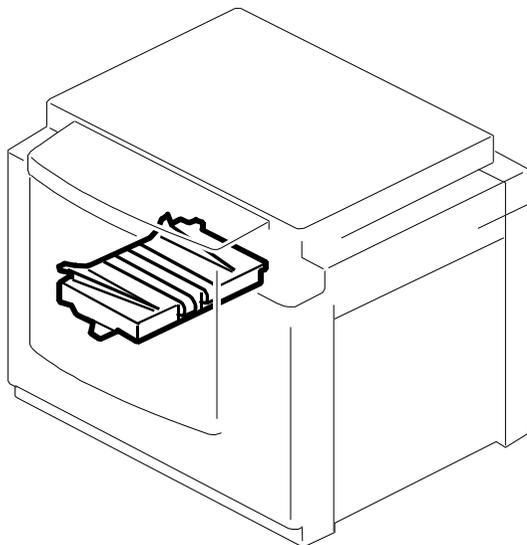
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15.Drum Unit 3 (C231)



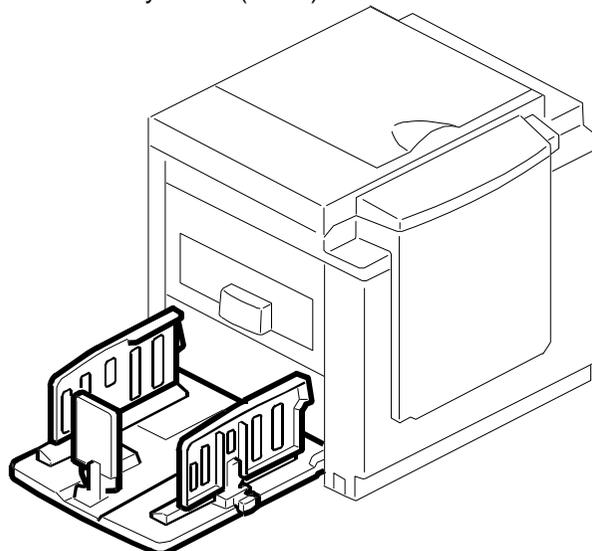
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16.Vacuum Fan Unit (C231)



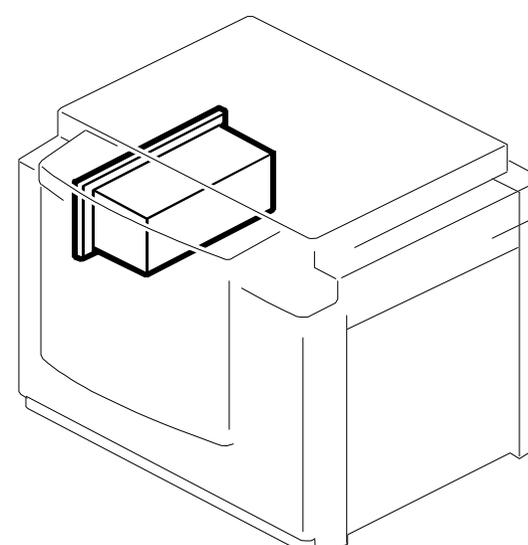
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17.Delivery Table (C231)



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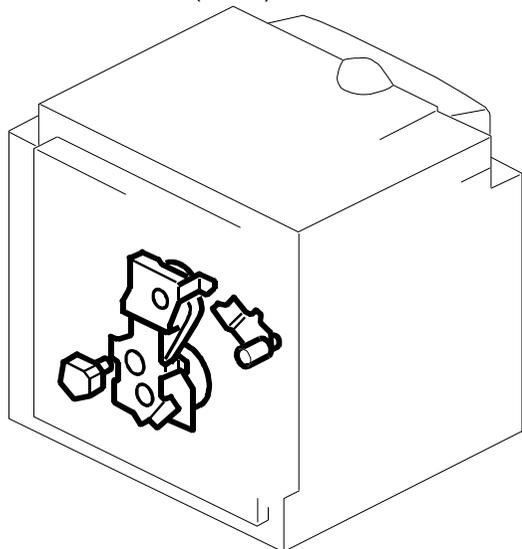
18.Master Eject Unit (C231)



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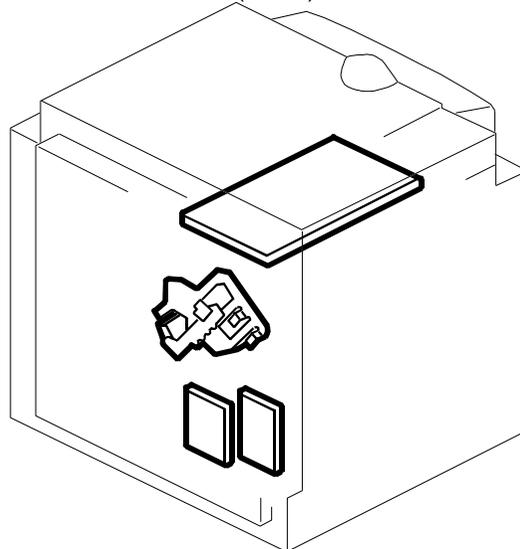
## Location of Unit

19. Drive Section (C231)



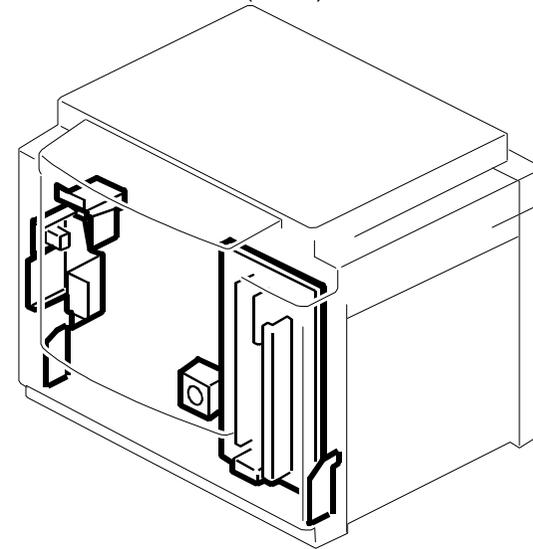
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20. Electrical Section 1 (C231)



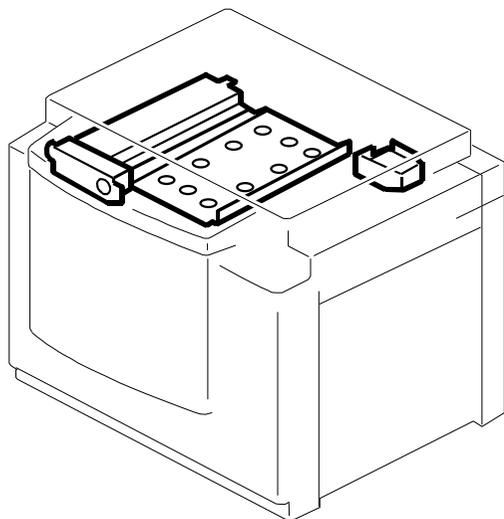
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21. Electrical Section 2 (C231)



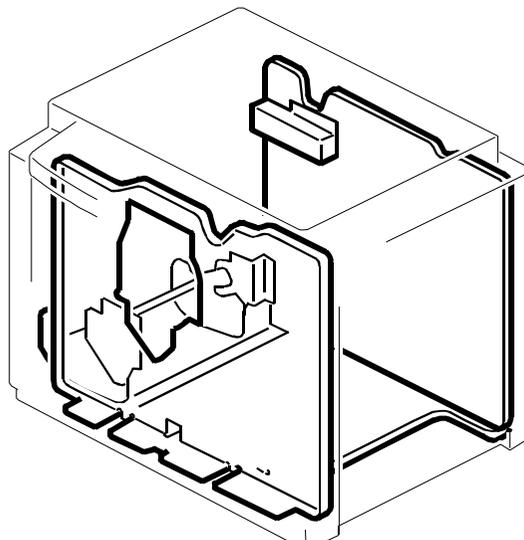
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22. Frame Section 1 (C231)



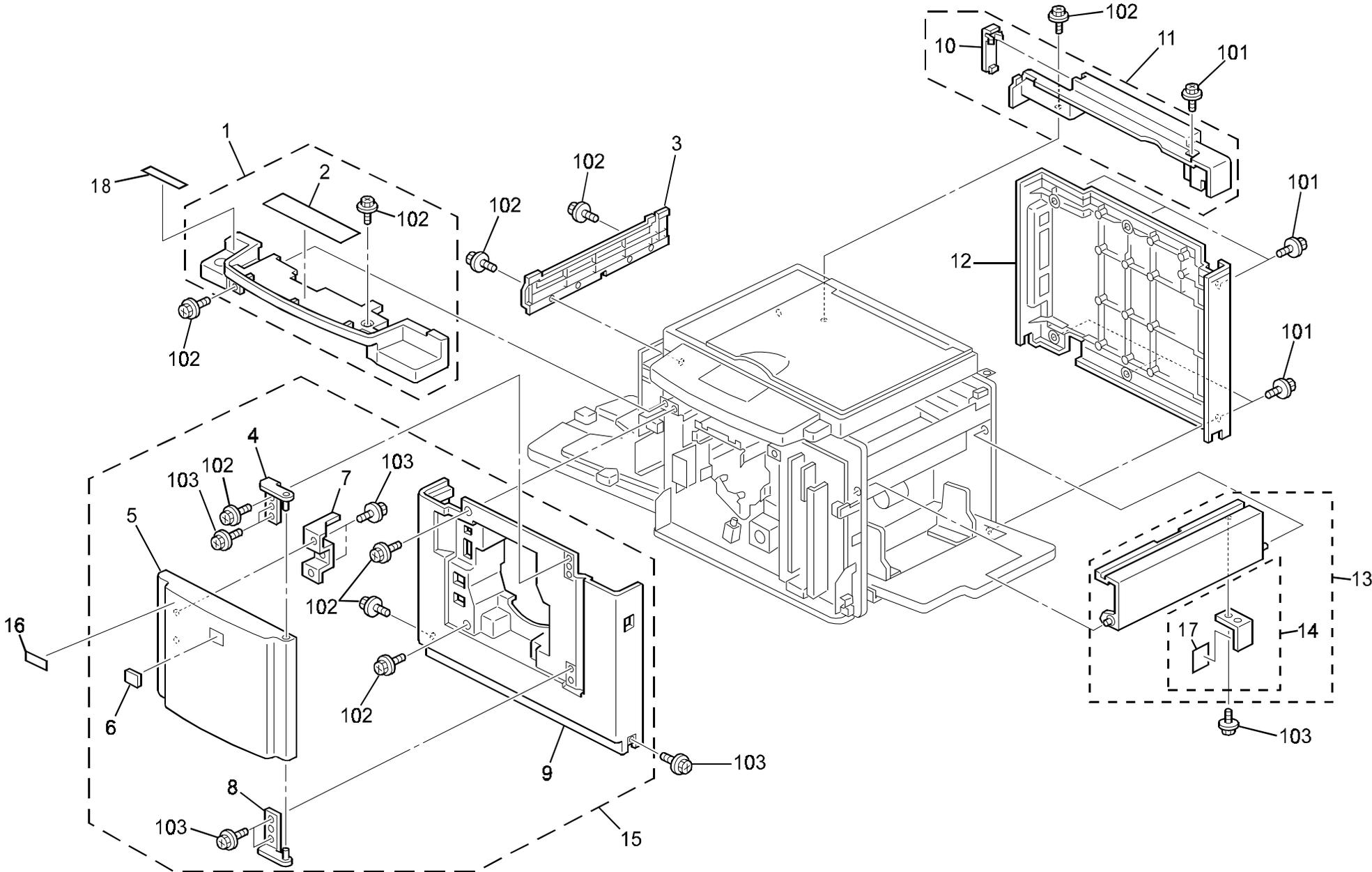
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23. Frame Section 2 (C231)



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# 1.Exterior 1 (C231)

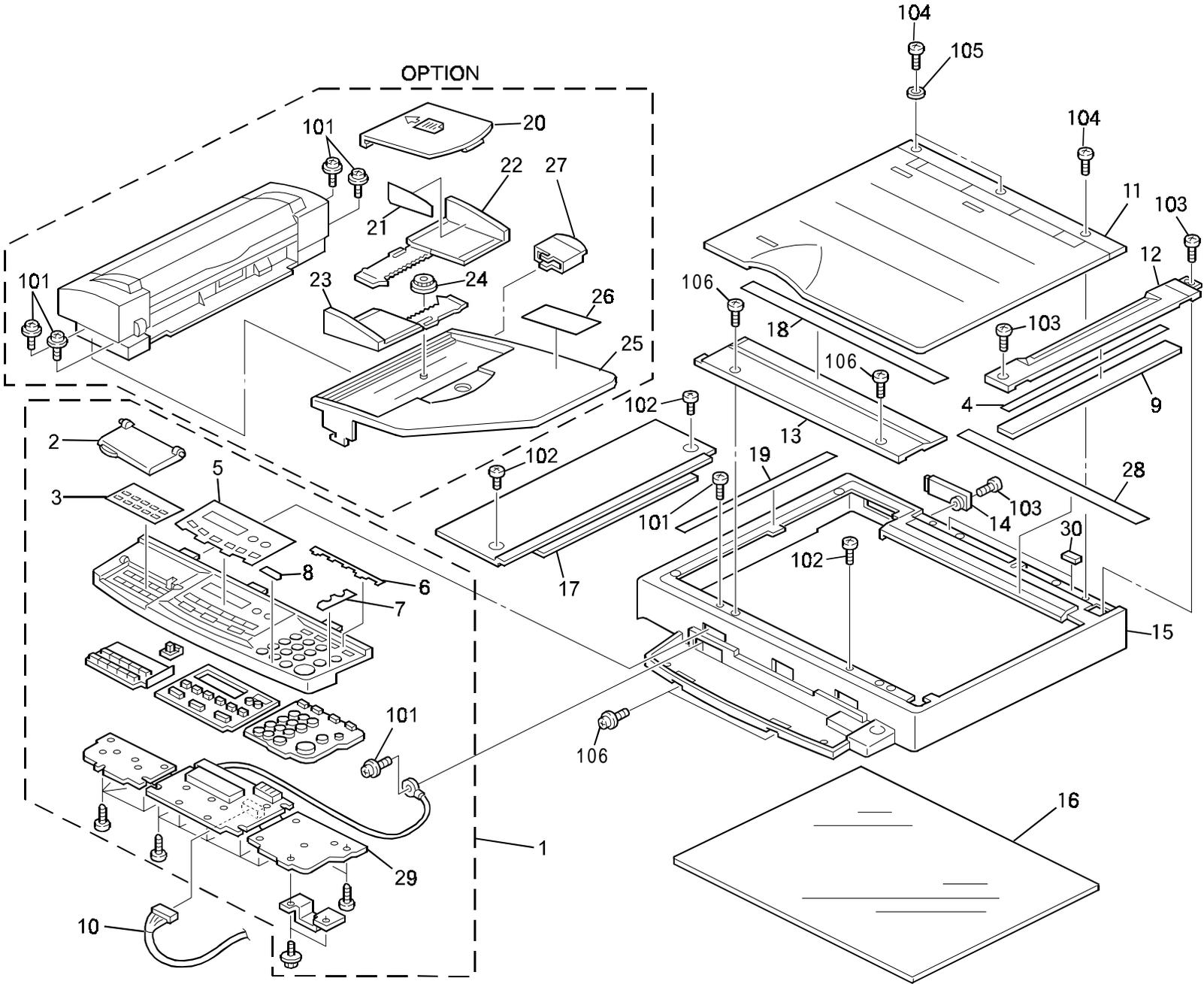


## 1.Exterior 1 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 1254	Lower Cover - Operation Panel	1
1	C231 1272	Lower Cover - Operation Panel (Chinese)	1
2	C231 1303	Decal - Scanner Open	1
3	C231 1340	Left Scanner Cover	1
4	C231 1390	Upper Hinge	1
5	C231 1256	Front Door Assy (LG)	1
5	C231 1265	Front Door Ass'y (A4)	1
5	C231 1268	Front Door Ass'y - B4	1
5	C231 1274	Front Door Ass'y	1
5	C231 1281	Front Door Ass'y (Chinese)	1
6	C226 2740	Emblem	1
7	C231 1385	Safety Switch Bracket Ass'y	1
8	C231 1391	Lower Hinge	1
9	C231 1251	Front Cover (NA)	1
9	C231 1261	Front Cover (EU)	1
9	C231 1271	Front Cover (Chinese)	1
10	C231 1350	Connector Cap	1
11	C231 1258	Rear Upper Cover	1
12	C231 1362	Rear Cover	1
13	C231 1202	Right Cover Ass'y	1
14	C231 1209	Magnet Catch Bracket Ass'y	1
15	C231 1200	Front Cover Ass'y (RIC-LG)	1
15	C231 1212	Front Cover Ass'y (RIC-A4)	1
15	C231 1213	Front Cover Ass'y (RIC-B4)	1
15	C231 1214	Front Cover Ass'y (RIC-B4)(Chinese)	1
15	C231 1217	Front Cover Ass'y (NRG)	1
15	C231 1216	Front Cover Ass'y (GES/SVN LG)	1
15	C231 1218	Front Cover Ass'y (GES B4)	1
15	C231 1219	Front Cover Ass'y (GES 5000)(Chinese)	1
15	C231 1221	Front Cover Ass'y (GES 5001)(Chinese)	1
16	C231 1324	Model Name Plate - 5306	1
16	C231 1321	Model Name Plate - 5306L	1
16	C231 1327	Model Name Plate - 5306B	1
16	C231 1325	Model Name Plate - 1224	1
16	C231 1323	Model Name Plate - 1224L	1

Index No.	Part No.	Description	Q'ty Per Assembly
16	C231 1326	Model Name Plate - CP306	1
16	C231 1322	Model Name Plate - CP306L	1
16	C231 1328	Model Name Plate - 3150DNP	1
16	C231 1331	Model Name Plate - 5001	1
16	C231 1330	Model Name Plate - 5000	1
17	C231 1387	Magnet Film	1
18	A153 6409	Decal - Keytop Cover (GES)	1
18	C225 2866	Decal - Keytop Cover (REX)	1
18	C225 2867	Decal - Keytop Cover (NSA)	1
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008H	Tapping Screw - 4x8	
103	0450 4008B	Tapping Screw - 4x8	

# 2.Exterior 2 (C231)

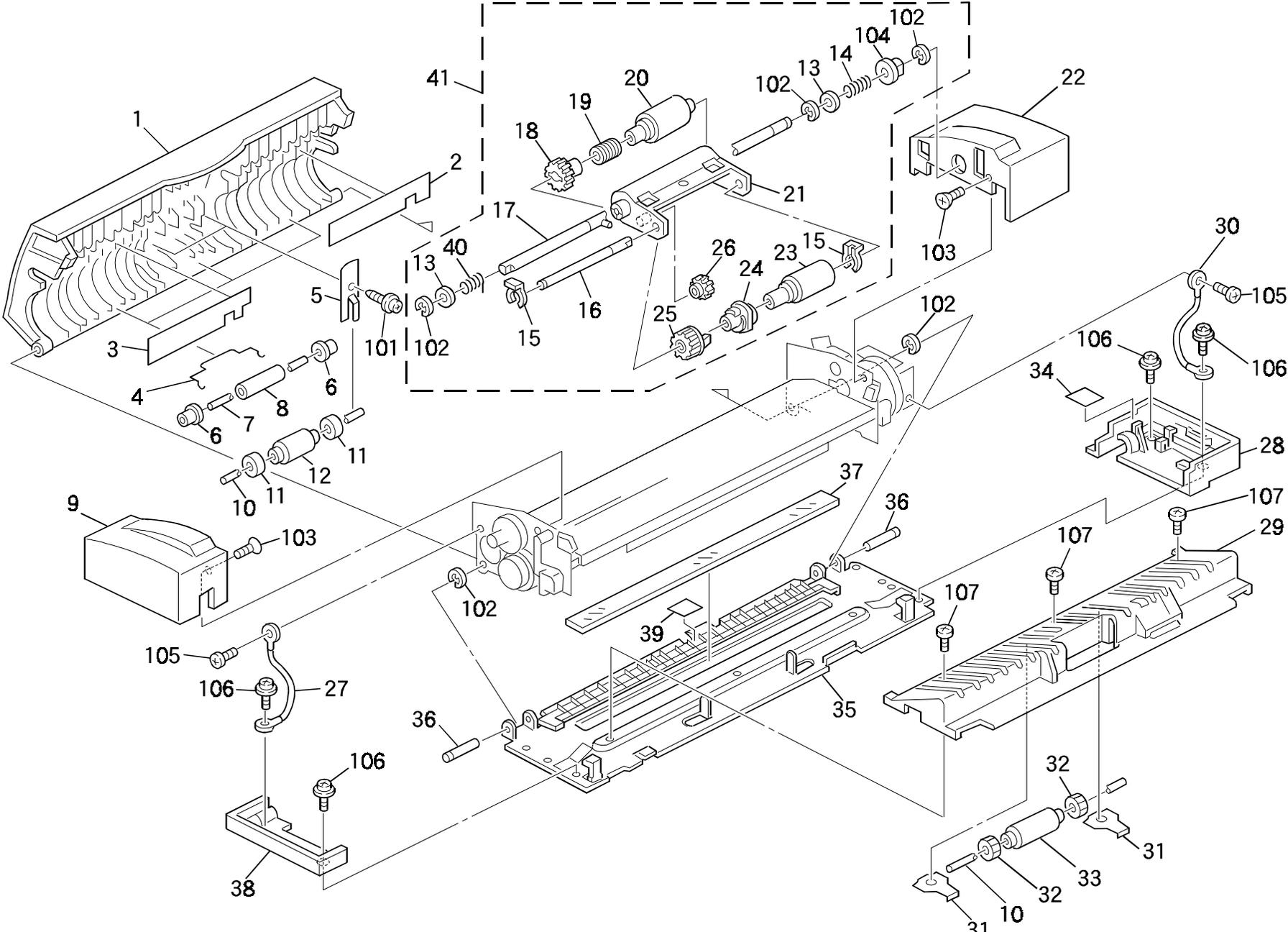


## 2.Exterior 2 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 1451	Operation Panel Ass'y (NA)	1
1	C231 1452	Operation Panel Ass'y (EU)	1
1	C231 1453	Operation Panel Ass'y (Chinese)	1
1	C231 1454	Operation Panel Ass'y - Zoom (Chinese)	1
2	C231 1490	Cover - Behind	1
3	C231 1491	Key Sheet - Behind (NA)	1
3	C231 1496	Key Sheet - Behind (EU)	1
3	C231 1501	Key Sheet - Behind (Chinese)	1
3	C231 1506	Key Sheet - Behind - Zoom (Chinese)	1
4	C226 3302	Both Adhesive Tape	1
5	C231 1492	Key Sheet - Center (NA)	1
5	C231 1497	Key Sheet - Center (EU)	1
5	C231 1502	Key Sheet - Center (Chinese)	1
6	C231 1493	Key Sheet - Autocycle (NA)	1
6	C231 1498	Key Sheet - Autocycle (EU)	1
6	C231 1503	Key Sheet - Autocycle (Chinese)	1
7	C231 1494	Key Sheet - Start (NA)	1
7	C231 1499	Key Sheet - Start (EU)	1
7	C231 1504	Key Sheet - Start (Chinese)	1
8	C231 1495	Key Sheet - Stop (NA)	1
8	C231 1500	Key Sheet - Stop (EU)	1
8	C231 1505	Key Sheet - Stop (Chinese)	1
9	H521 1104	Shading Sheet	1
10	C226 3341	Operation Panel Harness	1
11	H521 1105	Platen Cover Ass'y	1
12	C226 3301	Original Scale	1
13	H521 1124	Scale - Side	1
14	C226 3336	Connector Cover	1
15	H521 1103	Cover - Original Tray	1
16	H521 1110	Exposure Glass	1
17	C226 3335	ADF Cover	1
18	C226 3305	Decal - Front Original Set	1
19	H521 1356	Sheet	1
20	H521 1324	Original Guide Cover	1
21	H521 1357	Decal - Original Level	1

Index No.	Part No.	Description	Q'ty Per Assembly
22	H521 1323	Rear Guide - Original	1
23	H521 1322	Front Guide - Original	1
24	H521 1325	Original Guide Gear	1
25	H521 1320	Original Table	1
26	H521 1359	Decal - Original Table	1
27	H521 1160	Stopper Pressure Plate	1
28	C226 3306	Decal - Rear Original Set	1
29	C231 5125	Operation Panel Board	1
30	C226 3308	Platen Cover Spacer	3
101	0951 3006B	Philips Screw With Flat Washer - M3x6	
102	0353 0060Z	Screw - M3X6	
103	0353 0080Z	Philips Trass Head Screw - M3x8	
104	0353 0100Z	Bind Screw - M3x10	
105	0701 0030Z	Flat Washer - M3	
106	0450 3008B	Tapping Screw - M3x8	

# 3.ADF Unit 1

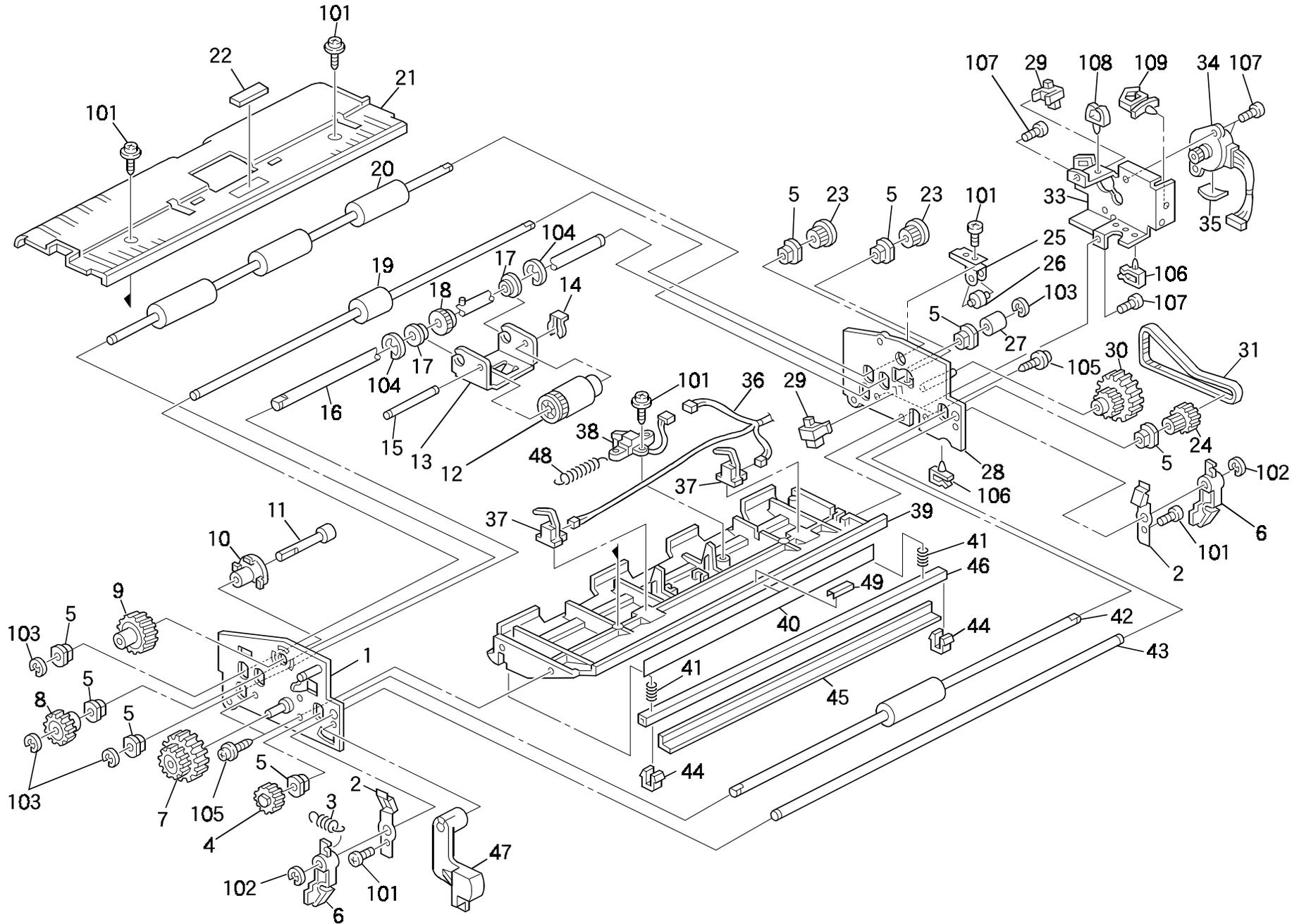


### 3.ADF Unit 1

Index No.	Part No.	Description	Q'ty Per Assembly
1	H521 1257	Upper Cover - ADF	1
2	H521 1342	Guide Mylar - Rear	1
3	H521 1334	Guide Mylar - Front	1
4	H521 1304	Spring R1	3
5	H521 1303	Spring Plate - R0	2
6	H521 1354	Collar R1	6
7	H521 1307	Guide Roller Shaft	3
8	H521 1301	Pressure Roller - R1	3
9	H521 1318	Cover - Front	1
10	H521 1306	Guide Roller Shaft	2
11	H521 1348	Collar R0	2
12	H521 1337	Guide Roller R0	1
13	H006 2316	Spacer - Pick-up Clutch	2
14	H521 1314	Spring Clutch - M6	1
15	H081 3407	Snap Ring - M2.5	2
16	H521 1294	Shaft - Pickup	1
17	H521 1292	Shaft - Feed Roller	1
18	H521 1286	Gear - Feed Roller	1
19	H521 1316	Spring Clutch - M9	1
20	H521 1367	Feed Roller	1
21	H521 1268	Bracket - Pickup	1
22	H521 1328	Cover - Rear - ADF	1
23	H521 1366	ADF Pickup Roller	1
24	H521 1288	Collar - Pickup	1
25	H521 1287	Gear - Pickup Roller	1
26	H081 1046	Idler Gear - ADF Pick-up Roller	1
27	H521 5332	Grounding Wire - 70	1
28	H521 1330	Cover - Rear/lower - ADF	1
29	H521 1259	Guide Plate R2	1
30	H521 5331	Grounding Wire - 125	1
31	H521 1305	Spring Plate R2	2
32	H521 1319	Exit Roller Collar	1
33	H521 1302	Guide Roller R2	1
34	H521 1368	Sheet - Interlock SW.	1
35	H521 1214	Base - ADF	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	H521 1310	Pin Shaft	2
37	H521 1278	Exposure Glass - ADF Option	1
38	H521 1338	Cover - Front - Lower	1
39	H521 1364	Guide Sheet	1
40	H521 1317	Pressure Spring	1
41	H521 1210	ADF Roller Unit	1
101	0802 5230	Tapping Screw - M3x10	
102	0720 0040E	Retaining Ring - M4	
103	0323 0060B	Philips Sunk Screw - M3x6	
104	0805 3386	Bushing - 8mm	
105	0313 0030B	Philips Pan Head Screw - M3x3	
106	0951 3006B	Philips Screw With Flat Washer - M3x6	
107	0313 0060B	Philips Pan Head Screw - M3x6	

# 4.ADF Unit 2

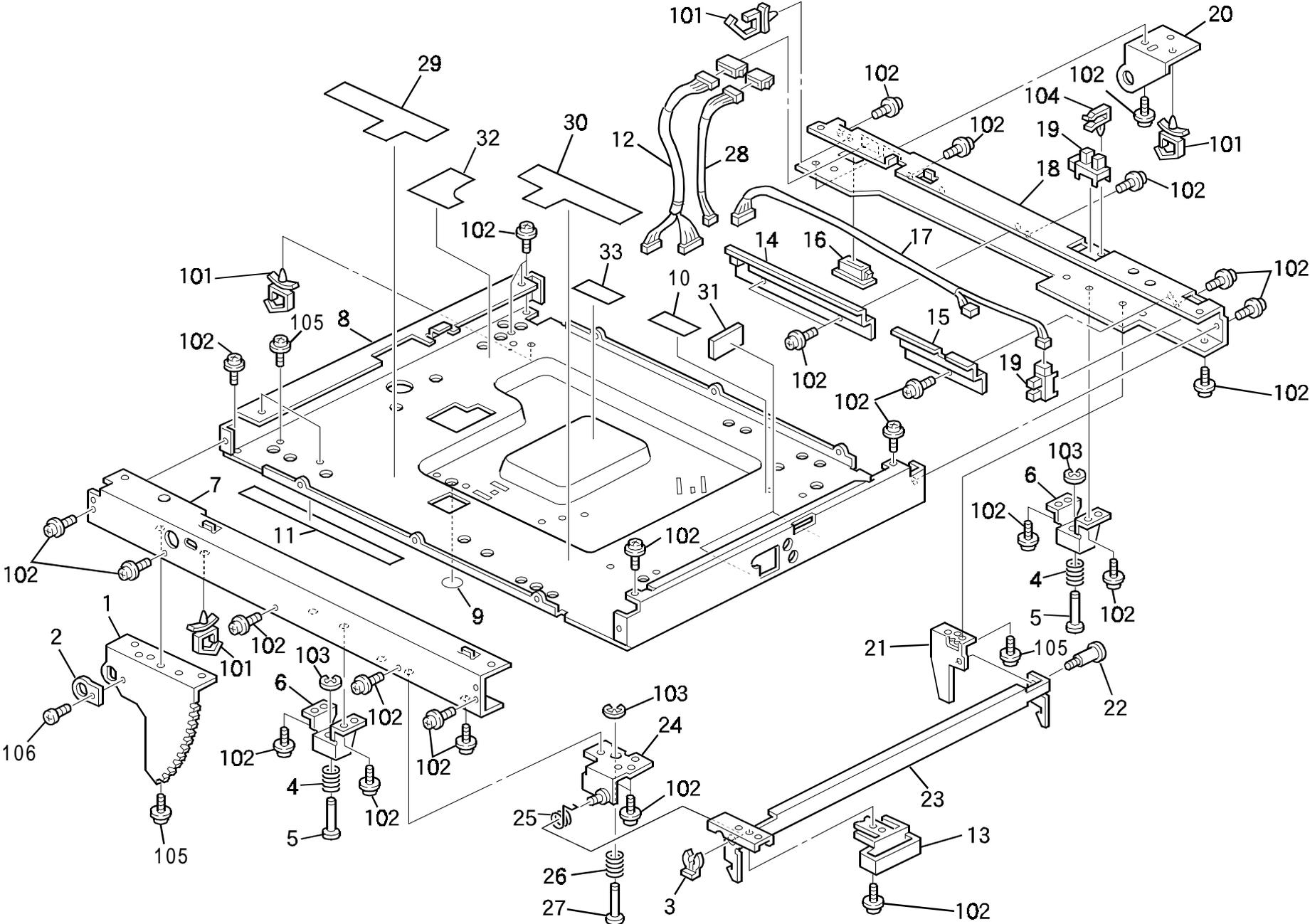


## 4.ADF Unit 2

Index No.	Part No.	Description	Q'ty Per Assembly
1	H521 1261	Front Side Plate	1
2	H521 1308	Lock Spring	2
3	H521 1336	Lock Spring	1
4	H521 1281	R2 Drive Gear	1
5	H521 1311	Bushing	8
6	H521 1297	Lock Lever	2
7	H521 1282	Joint Gear	1
8	H521 1283	Front Drive Gear - Reverse	1
9	H521 1284	Front Drive Gear - Feed	1
10	H521 1290	Bushing	1
11	H521 1293	Joint Shaft	1
12	H521 1372	Reverse Roller	1
13	H521 1374	Bracket - Reverse	1
14	H081 3407	Snap Ring - M2.5	1
15	H521 1295	Shaft - Separation Roller	1
16	H521 1276	Shaft - Separation Unit	1
17	H521 1296	Bushing	2
18	H521 1285	Middle Drive Gear - Reverse	1
19	H521 1250	R0 Roller	1
20	H521 1251	R1 Roller	1
21	H521 1258	Separation Guide	1
22	H521 1350	Pad - Pick-up	1
23	H521 1280	Pulley R1	2
24	H521 1340	Pulley R2	1
25	H521 1300	Spring Plate	1
26	H081 1065	Timing Belt - Idler 2	1
27	H521 1335	Bushing - 8x10mm	1
28	H521 1264	Rear Side Plate	1
29	H515 5018	Cover Switch - Fusing Exit	1
30	H521 1279	Joint Gear	1
31	H521 1309	Timing Belt	1
33	H521 1267	Motor Bracket	1
34	H521 5010	Scanner Motor - ADF	1
35	H521 1358	Motor Cushion	1
36	H521 5336	Harness - ADF - L	1

Index No.	Part No.	Description	Q'ty Per Assembly
37	H521 5011	Document Sensor - S1/S3	2
38	H521 5012	Document Sensor - S2	1
39	H521 1254	Lower Guide Plate	1
40	H521 1331	Antistatic Brush	1
41	H521 1341	Plessure Spring	2
42	H521 1252	R2 Roller	1
43	H521 1299	Lock Shaft	1
44	H521 1312	Pressure Shaft Holder	2
45	C575 3420	Standard White Sheet	1
46	H521 1289	Pressure Plate	1
47	H521 1321	Release Lever	1
48	H521 1360	Spring	1
49	H521 1365	Antistatic Brush	1
101	0802 5205	Tapping Screw - M3x6	
102	0720 0040E	Retaining Ring - M4	
103	0720 0060E	Retaining Ring - M6	
104	0720 0070E	Retaining Ring - M7	
105	0802 5206	Tapping Screw - M3x8	
106	1105 0283	Clamp	
107	0313 0030B	Philips Pan Head Screw - M3x3	
108	1105 0153	Clamp	
109	1105 0260	Wire Saddle	

# 5.Scanner Section 1 (C231)

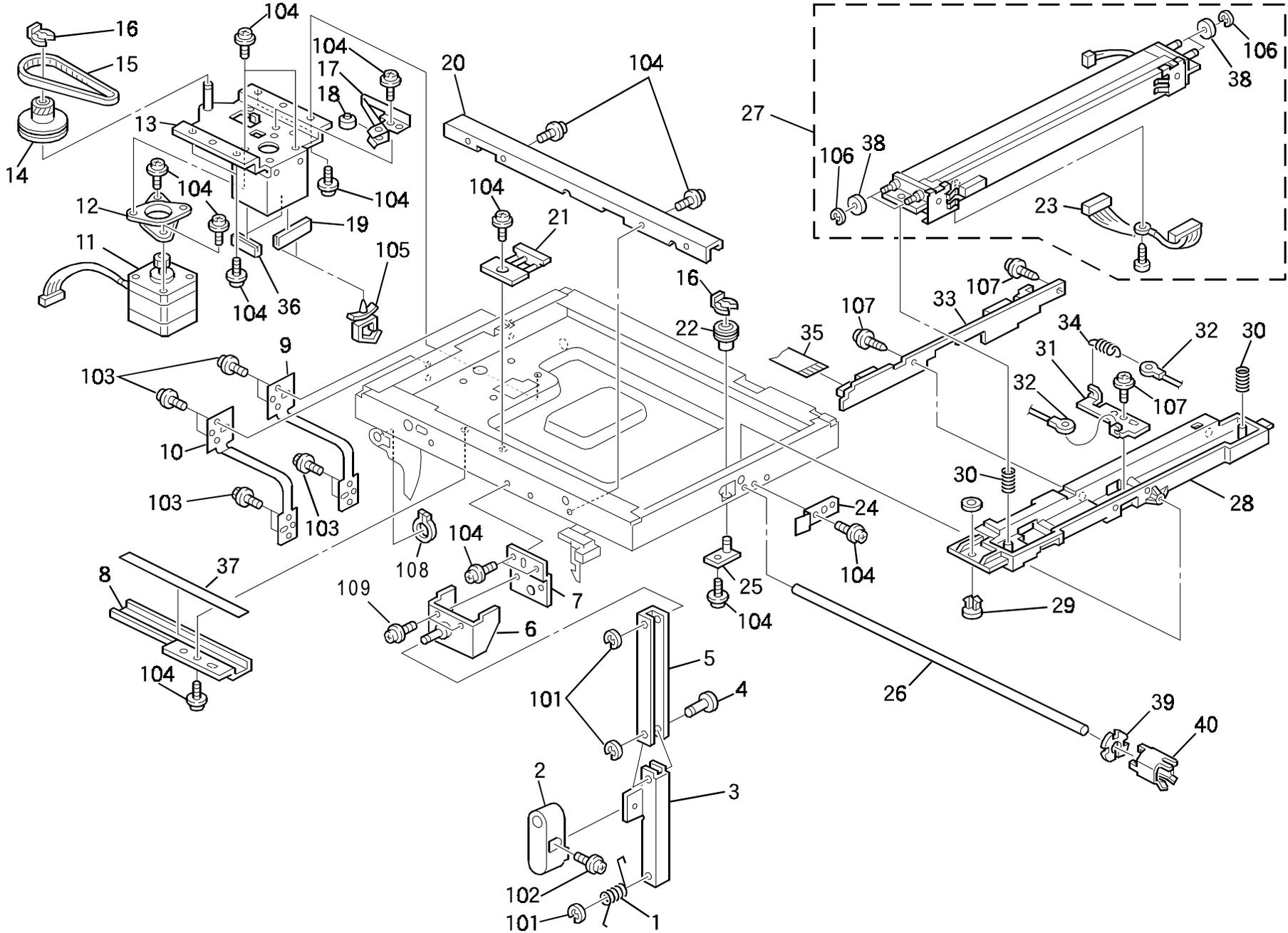


### 5.Scanner Section 1 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C226 3011	Sector Gear	1
2	H521 1073	Bushing - M10	1
3	H006 2383	Snap Ring	1
4	H521 1101	Spring - Center	2
5	H521 1115	Pin - CTM	2
6	H521 1112	Bracket - Center	2
7	H521 1162	Base - Front	1
8	H521 1058	Base - Main	1
9	C207 2005	Seal - 30	1
10	C231 1661	Insulating Sheet - Right	1
11	H521 1170	Sheet - Flexible Board - 3	1
12	H521 5317	Harness - ADF	1
13	H521 1099	Handle - Lock - Lever	1
14	H521 1130	Bracket - Harness - 1	1
15	H521 1132	Bracket - Harness - 2	1
16	H004 3755	Square Bushing	1
17	H521 5318	Harness - Book H.P. Sensor	1
18	H521 1117	Base - Rear	1
19	AW02 0021	Photointerruptor - 175487-3	2
20	H521 1089	Fulcrum - Scanner Unit - Rear	1
21	C231 1652	Rear Lock Lever Bracket	1
22	C226 3026	Rear Lever Lock Pin	1
23	C226 3018	Lock Lever Ass'y	1
24	H521 1090	Bracket - Lock Lever - Front	1
25	H521 1096	Spring - Lock Lever	1
26	H521 1100	Spring - CTM	1
27	H521 1144	Pin - CTM - Long	1
28	H521 5319	Harness - ADF Motor	1
29	H521 1189	Sheet - Flexible Board - 1	1
30	H521 1196	Sheet - Flexible Board - 4	1
31	H521 1177	Sponge - Base	2
32	C231 1663	Insulating Sheet - Left	1
33	C231 1662	Insulating Sheet - Middle	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0310	Wire Clamp	
102	0951 3006B	Philips Screw With Flat Washer - M3x6	
103	0720 0030E	Retaining Ring - M3	
104	1105 0283	Clamp	
105	0951 3006Z	Philips Screw With Flat Washer - M3x6	
106	0353 0050Z	Philips Truss Head Screw - M3x5	

# 6.Scanner Section 2 (C231)

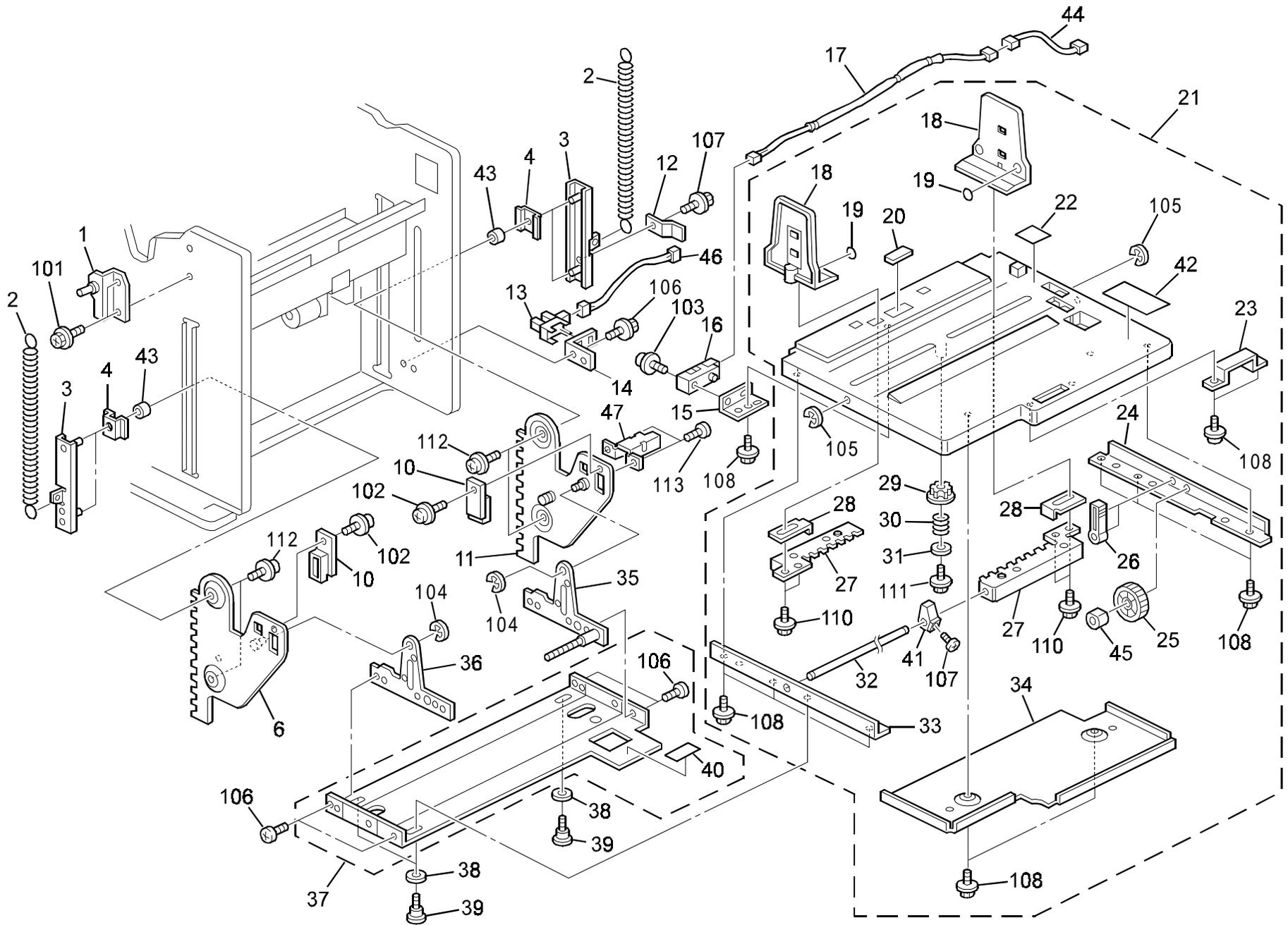


## 6.Scanner Section 2 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	H521 1143	Spring - Stopper	1
2	H521 1151	Grip - Stopper	1
3	C231 1654	Lower Stopper	1
4	H521 1142	Pin - Stopper	1
5	C231 1653	Upper Stopper	1
6	H521 1164	Bracket - Stopper - Upper	1
7	H521 1155	Bracket - Stopper - Base	1
8	H521 1072	Bracket - Flat Cable Holder	1
9	H521 1085	Ground Plate - Rear	1
10	H521 1082	Ground Plate - Front	1
11	H522 5004	Scanner Motor	1
12	H522 1150	Cushion - Scanner Motor	1
13	H522 1064	Motor Bracket	1
14	H521 1081	Pulley - Scanner	1
15	H521 1074	Timing Belt	1
16	H006 2383	Snap Ring	2
17	H521 1071	Spring Plate	1
18	H081 1065	Timing Belt - Idler 2	1
19	C226 3331	Edging - Long	1
20	H521 1062	Rail - Scanner	1
21	H521 1069	Holder - Flat Cable	1
22	H521 1078	Pulley - Scanner	1
23	H521 5305	Sensor Harness	1
24	H521 1127	Stopper - Shaft - Scanner	1
25	H521 1075	Bracket - Pulley - Scanner	1
26	H521 1061	Shaft - Slider	1
27	C226 3320	Contact Image Sensor - B4	1
28	H521 1050	Carriage - Scanner	1
29	H521 1054	Slider - Carriage	1
30	H521 1057	Spring - Image Sensor	2
31	H521 1122	Bracket - Wire	1
32	H521 1079	Wire - Scanner Drive	1
33	H521 5001	Lamp Stabilizer	1
34	H521 1080	Spring - Wire	1
35	C226 3340	Xenon Lamp Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C226 3332	Edging - Small	2
37	H521 1169	Sheet - Flexible Board - 2	1
38	H521 1121	Roller	2
39	H521 1221	Sponge - Shaft - Scanner	1
40	H521 1222	Holder - Sponge	1
101	0720 0040E	Retaining Ring - M4	
102	0951 3012Z	Philips Screw W/H Flat Washer - M3X12	
103	0451 3006B	Tapping Screw - M3x6	
104	0951 3006B	Philips Screw With Flat Washer - M3x6	
105	1105 0310	Wire Clamp	
106	0720 0030E	Retaining Ring - M3	
107	0802 5205	Tapping Screw - M3x6	
108	0725 0100E	Retaining Ring C - M10	
109	0951 3006Z	Philips Screw With Flat Washer - M3x6	

# 7.Paper Table Section (C231)

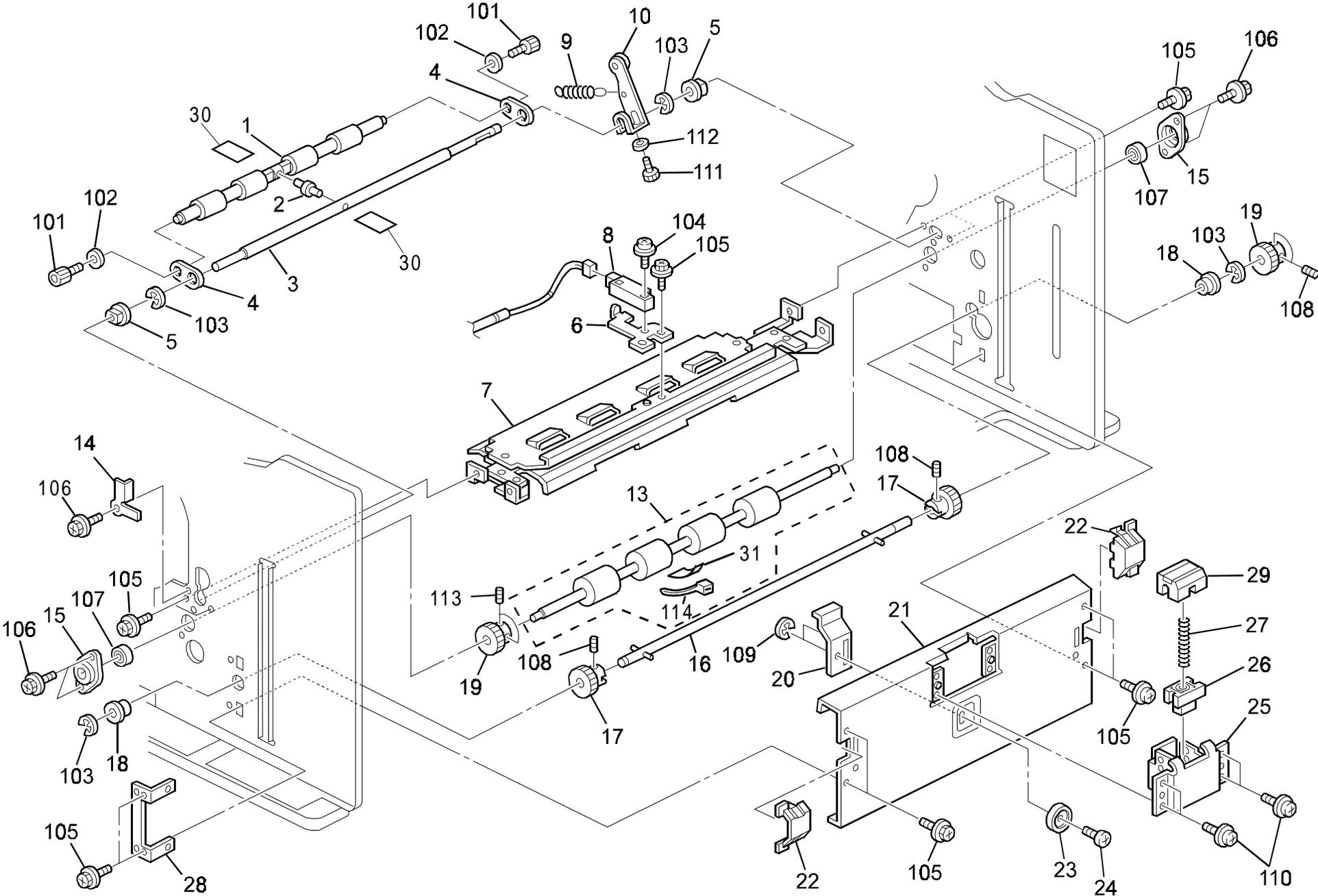


## 7.Paper Table Section (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 6017	Front Lock Bracket	1
2	C231 2810	Paper Table Spring	2
3	C231 2800	Paper Table Lift Bracket	2
4	C231 2805	Table Lift Slider	4
6	C231 2790	Front Paper Table Rack	1
10	C231 2815	Rack Spacer	2
11	C231 2796	Rear Paper Table Rack	1
12	C231 2806	Table Position Feeler	1
13	AW02 0075	Photointerrupter	1
14	C231 2825	Sensor Bracket	1
15	C231 2986	Sensor Bracket	1
16	AW01 0076	Photosensor - PS-117D1	1
17	C231 5260	Relay Harness	1
18	C231 2980	Side Fence	1
19	C201 5015	Seal - M10	1
20	C217 5011	Friction Pad - Paper Table	1
21	C231 2940	Paper Feed Table Ass'y	1
22	C231 2997	Decal - Paper Level	1
23	C231 2990	Magnet Catch Holder	1
24	C231 2952	Rear Stay	1
25	C231 2964	Table Adjuster	1
26	C231 2973	Lock Knob	1
27	C231 2981	Side Fence Lack	1
28	C231 2983	Spacer	1
29	H521 1325	Original Guide Gear	1
30	C231 2985	Spring	1
31	C209 6168	End Fence Washer	1
32	C231 2970	Lock Shaft	1
33	C231 2951	Front Stay	1
34	C231 2956	Base Cover	1
35	C231 2961	Rear Arm	1
36	C231 2960	Front Arm	1
37	C231 2947	Base Ass'y	1
38	A422 1423	Washer	1
39	5219 1957	Stepped Screw - M4	1

Index No.	Part No.	Description	Q'ty Per Assembly
40	C231 2997	Decal - Paper Level	1
41	C231 2971	Lock Cam	1
42	C231 2996	Decal - Paper Set	1
43	5606 2310	Roller	2
44	C231 5227	Relay Harness	1
45	C231 2965	Core	1
46	C231 5229	Paper Feed Harness	1
47	C231 2794	Sensor Actuator	1
101	0451 4006B	Tapping Screw - 4x6	
102	0951 4006Z	Philips Screw With Flat Washer - M4	
103	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	
104	0720 0060E	Retaining Ring - M6	
105	0720 0040E	Retaining Ring - M4	
106	0801 1004	Screw - M4X4	
107	0451 3006B	Tapping Screw - M3x6	
108	0450 4008B	Tapping Screw - 4x8	
109	0450 4006B	Tapping Screw:4x6	
110	0450 3006B	Tapping Screw - M3x6	
111	0450 3008B	Tapping Screw - M3x8	
112	0960 4008Z	Flange Head Screw - 4x8	
113	0951 4005Z	Philips Screw With Flat Washer - M4x5	

# 8.Paper Feed Section (C231)



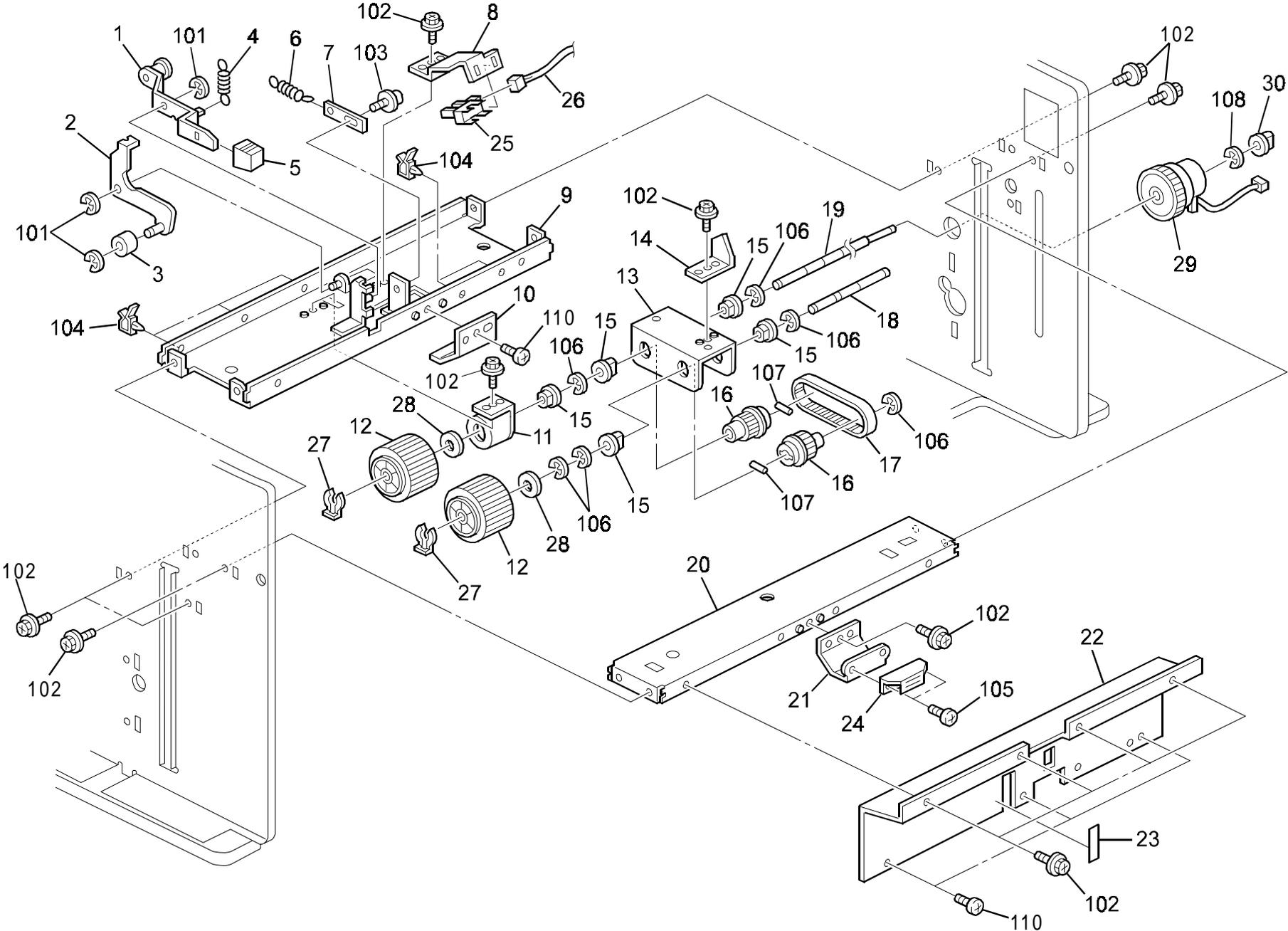
## 8.Paper Feed Section (C231)

Rev 07/31/2000

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2807	Upper Registration Roller	1
2	C231 2766	Pressure Pin	1
3	C231 2765	Pressure Shaft	1
4	C231 2760	Upper Registration Arm	2
5	5053 0419	Bushing - 10mm	2
6	C231 2890	Sensor Bracket	1
7	C231 2881	Guide Plate	1
8	A010 5700	Sensor	1
9	C231 2867	Pressure Spring	1
10	C231 2770	Pressure Arm	1
11	C231 2883	Rear Guide Plate Bracket	1
12	C231 2882	Front Guide Plate Bracket	1
13	C231 2764	Lower Registration Roller Ass'y	1
14	C231 2774	Bearing Holder Arm	1
15	C200 2266	Bearing Holder	2
16	C231 2781	Paper Table Shaft	1
17	C201 5051	Pinion - 24t	2
18	C203 5135	Bushing - 10x14x5.9	2
19	C231 2786	Lift Gear	1
20	C231 2896	Separation Adjuster	1
21	C231 2817	Front Paper Feed Stay	1
22	C231 2812	Paper Lift Cover	2
23	C231 2893	Screw Holder	1
24	C231 2892	Adjusting Screw	1
25	C231 2926	Separation Bracket	1
26	C231 2897	Separation Spring Holder	1
27	C231 2898	Separation Spring	1
28	C226 5075	Paper Feed Stay	1
29	C231 2861	Friction Pad Ass'y	1
30	C231 2761	Sensor Sheet	2
31	C231 2762	Registration Sensor Sheet	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0595 0080E	Hexagon Bolt - M5x8	
102	0701 0050Z	Flat Washer - M5	
103	0720 0080E	Retaining Ring - M8	
104	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	
105	0451 4006B	Tapping Screw - 4x6	
106	0451 3006B	Tapping Screw - M3x6	
107	0740 3008	Ball Bearing - 8x22x7	
108	0574 0040E	Hexagon Headless Set Screw - M4x4	
109	0720 0030E	Retaining Ring - M3	
110	0951 3006Z	Philips Screw With Flat Washer - M3x6	
111	0594 0080E	Bolt - M4x8	
112	0701 0040Z	Flat Washer - M4	
113	0574 0050E	Hexagon Headless Set Screw - M4x5	
114	1105 0042	Wire Band	

# 9.Paper Registration (C231)

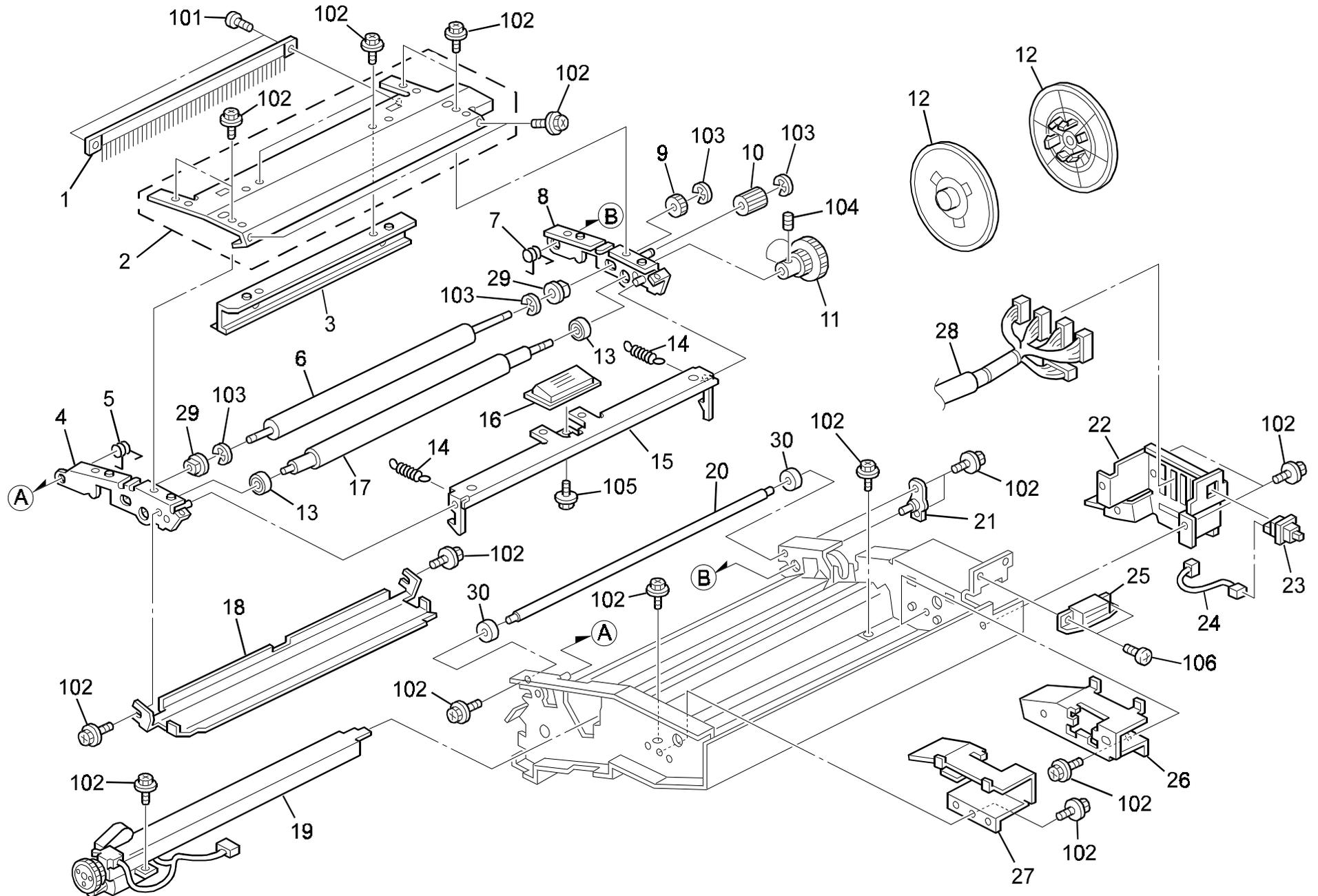


### 9.Paper Registration (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2916	Paper Feed Lever	1
2	C231 2919	Paper Pressure Plate	1
3	C231 2922	Pressure Roller	1
4	C231 2918	Spring - Paper Feed Lever	1
5	C231 2938	Lever Knob	1
6	C231 2917	Spring - Paper Feed Pressure	1
7	C231 2936	Spring Anchor	1
8	C231 2908	Sensor Bracket	1
9	C231 2907	Paper Feed Stay	1
10	C231 2851	Arm Stopper	1
11	C231 2865	Arm Retainer	1
12	<b>C231 2831</b>	<b>Paper Feed Roller</b>	<b>2</b>
13	C231 2850	Feed Arm	1
14	C231 2820	Feed Roller Position Feeler	1
15	5053 0419	Bushing - 10mm	5
16	C231 2847	Pulley	2
17	C231 2860	Feed Timing Belt	1
18	C231 2845	Roller Shaft	1
19	C231 2841	Roller Shaft	1
20	C231 1991	Right Plotter Stay	1
21	C231 2991	Magnet Catch Bracket	1
22	C231 2939	Stay Cover	1
23	C231 2934	Decal - Paper Feed Pressure	1
23	C231 2944	Decal - Paper Feed Pressure (Chinese)	1
24	5054 0536	Magnet Catch Ass'y	1
25	AW02 0075	Photointerrupter	1
26	C231 5266	Paper Table Relay Harness	1
27	C209 3133	Retaining Ring - M6	2
28	5600 1086	Spacer - 10.2 X 20	2
29	C217 5079	Paper Feed Magnetic Clutch	1
30	5053 0223	Bushing - 8mm	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4006B	Tapping Screw - 4x6	
103	0951 3006Z	Philips Screw With Flat Washer - M3x6	
104	1105 0283	Clamp	
105	0801 1004	Screw - M4X4	
106	0720 0080E	Retaining Ring - M8	
107	0633 0160G	Parallel Pin - 3x16mm	
108	0720 0060E	Retaining Ring - M6	
109	0451 4008B	Philips Tapping Screw - M4x8	
110	0453 4006Z	Binding Self Tapping Screw - 4x6	

# 10. Plotter Unit 1 (C231)



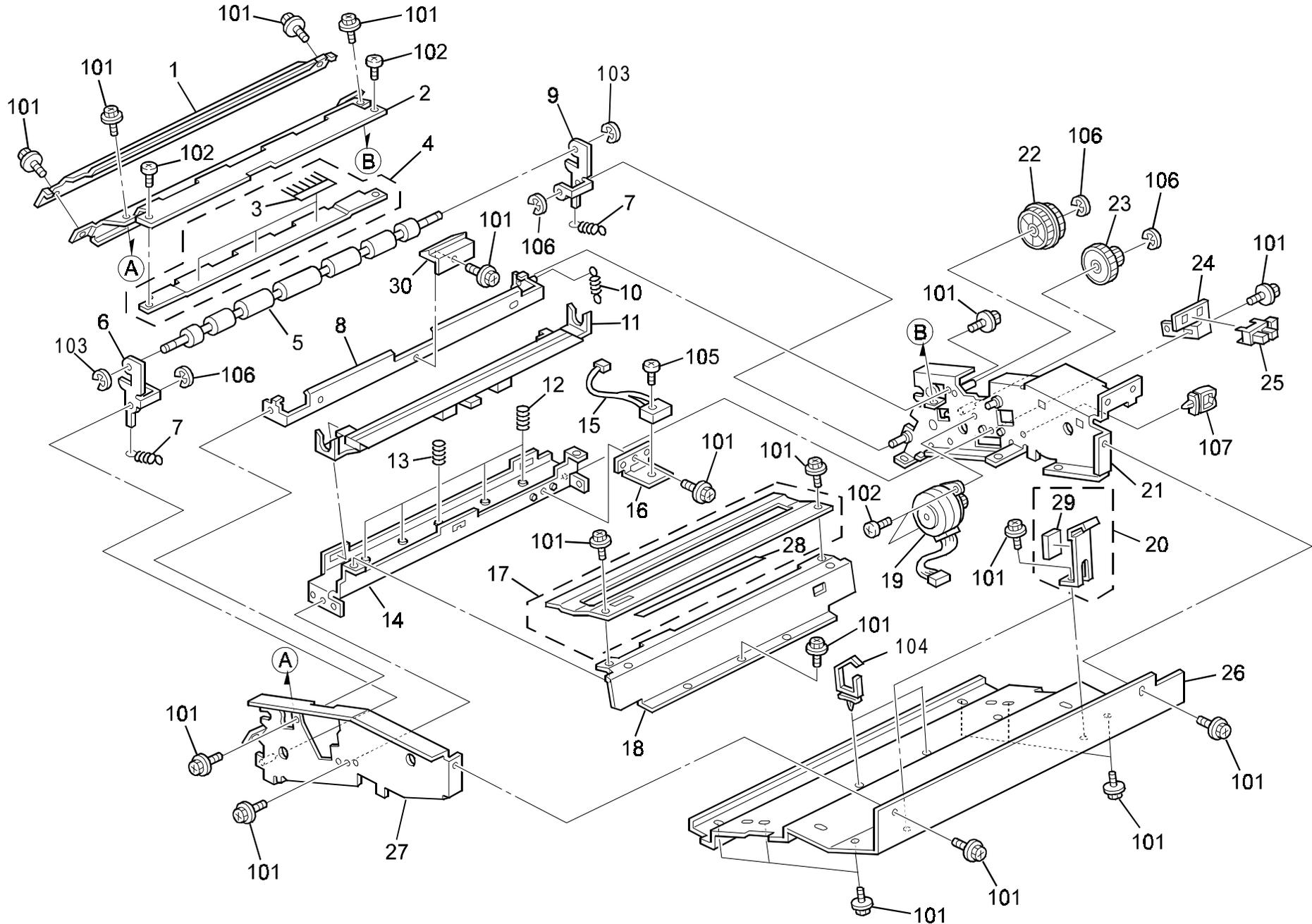
## 10.Plotter Unit 1 (C231)

Rev. 11/07/2000

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2049	Antistatic Brush Ass'y	1
2	C231 2044	Plotter Cover Ass'y	1
3	C231 2046	Tension Roller Guide	1
4	C231 2040	Front Release Plate	1
5	C231 1961	Front Spring	1
6	C231 2112	Tension Roller - B4	1
6	C231 2113	Tension Roller A4	1
7	C231 1962	Rear Spring	1
8	C231 2030	Rear Release Plate	1
9	C231 2148	Tension Roller Gear	1
10	C231 2147	Idler Gear	1
11	C231 2146	Platen Roller Gear	1
12	C231 2242	Master Flange	2
13	C231 2106	Ball Bearing - 6x13.5	2
14	C231 2039	Lock Lever Spring	2
15	C231 2036	Plotter Release Lever	1
16	C231 2037	Release Lever Knob	1
17	<b>C231 2104</b>	<b>Platen Roller - B4</b>	<b>1</b>
18	C231 2108	Lower Platen Cover	1
19	C231 2271	Cutter Unit	1
20	C231 1955	Joint Stay	1
21	C231 1950	Joint Pin	1
22	C231 2275	Connector Bracket	1
23	AW50 0012	Push Switch	1
24	C231 5243	Cover Sensor Relay Harness	1
25	AG07 0004	Magnet Catch	1
26	C231 2210	Rear Master Holder - B4	1
26	C231 2211	Rear Master Holder - A4	1
27	C231 2220	Front Master Holder - B4	1
27	C231 2221	Front Master Holder (A4)	1
28	C231 5240	Plotter Harness	1
29	H012 1181	Bushing- 6mm	2
30	C225 4052	Plotter Base Cover	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0801 1135	Philips Pan Head Screw - M3x3	
102	0451 3006B	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0574 0040E	Hexagon Headless Set Screw - M4x4	
105	0450 3006B	Tapping Screw - M3x6	
106	0314 0060B	Philips Pan Head Screw - M4x6	

# 11. Plotter Unit 2 (C231)



# 11.Plotter Unit 2 (C231)

Rev. 11/07/2000

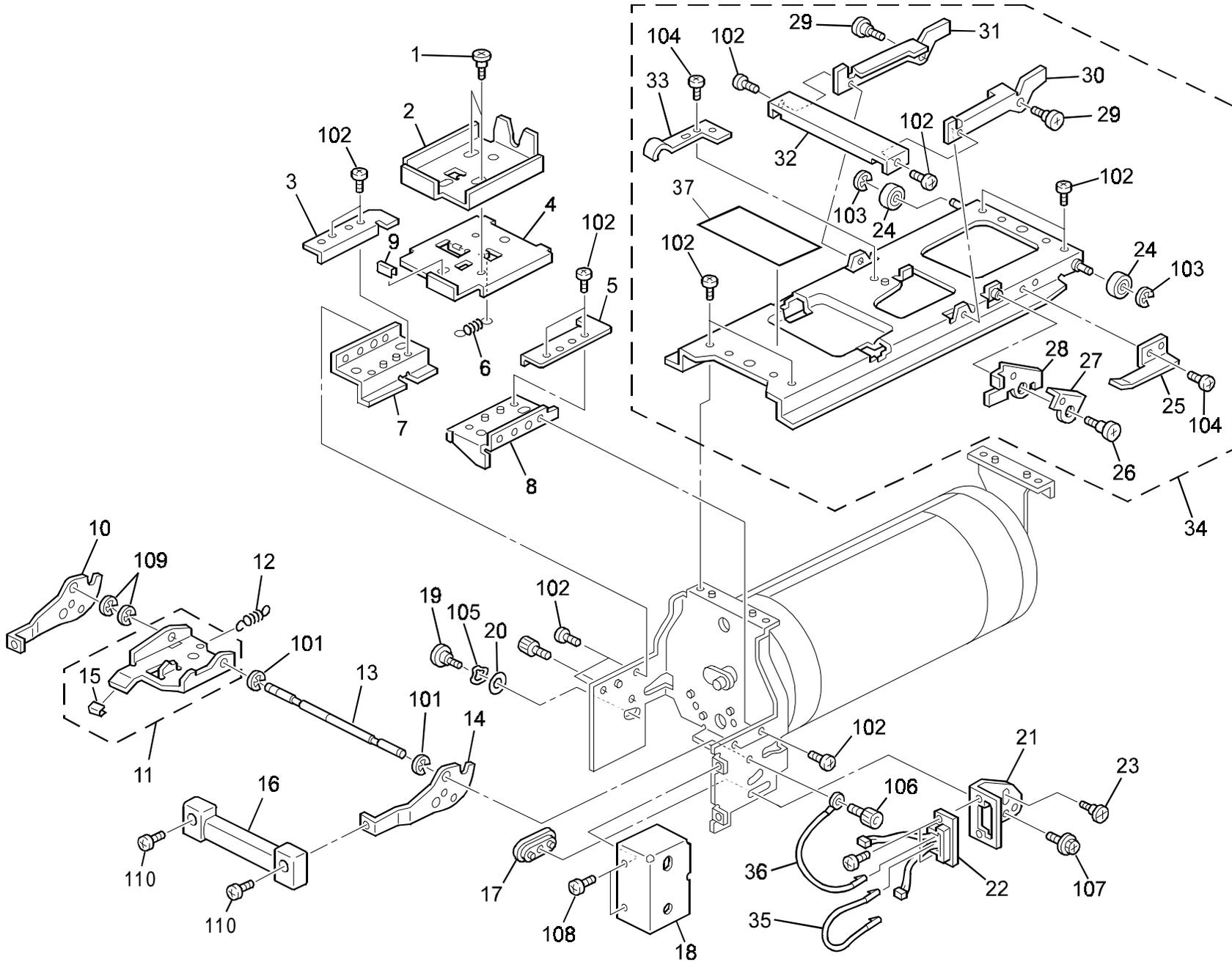
Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2085	Upper Guide Plate	1
2	C231 2083	Lower Guide Plate Ass'y	1
3	C231 2283	Antistatic Brush	1
4	C231 2084	Lower Guide Plate Ass'y	1
5	C231 2076	Brake Roller	1
6	C231 2073	Front Brake Lever	1
7	C231 2065	Brake Roller Spring	2
8	C231 2052	Master Position Plate	1
9	C231 2063	Rear Brake Lever	1
10	C231 2054	Position Spring	1
11	C231 2151	Thermal Head - B4	1
12	C231 2157	Side Spring	4
13	C231 2156	Middle Spring	1
14	C231 2026	Thermal Head Base	1
15	C229 5825	Master Sensor	1
16	C231 2277	Master Sensor Bracket	1
17	C231 2092	Thermal Head Guide	1
18	C231 2095	Master Guide Plate	1
19	C231 5841	Stepper Motor - Dc24v	1
20	C231 2230	Brake Shoe	1
21	C231 2010	Plotter Rear Plate	1
22	C231 2135	Platen Gear - 2	1
23	C231 2133	Platen Gear - 1	1
24	C231 2273	Sensor Bracket	1
25	AW02 0075	Photointerrupter	1
26	C231 2025	Plotter Bottom Plate	1
27	C231 2020	Plotter Front Plate	1
28	C231 2094	Guide Sheet	1
29	C231 2234	Brake Pad	1
30	C231 2055	Master Edge Position Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0801 1135	Philips Pan Head Screw - M3x3	
103	0720 0025E	Retaining Ring - M2.5	
104	1105 0292	Wire Saddle	
105	0242 0080Z	Screw - M2X8	
106	0720 0040E	Retaining Ring - M4	
107	1105 0144	Harness Clamp	





# 13.Drum Unit 1 (C231)

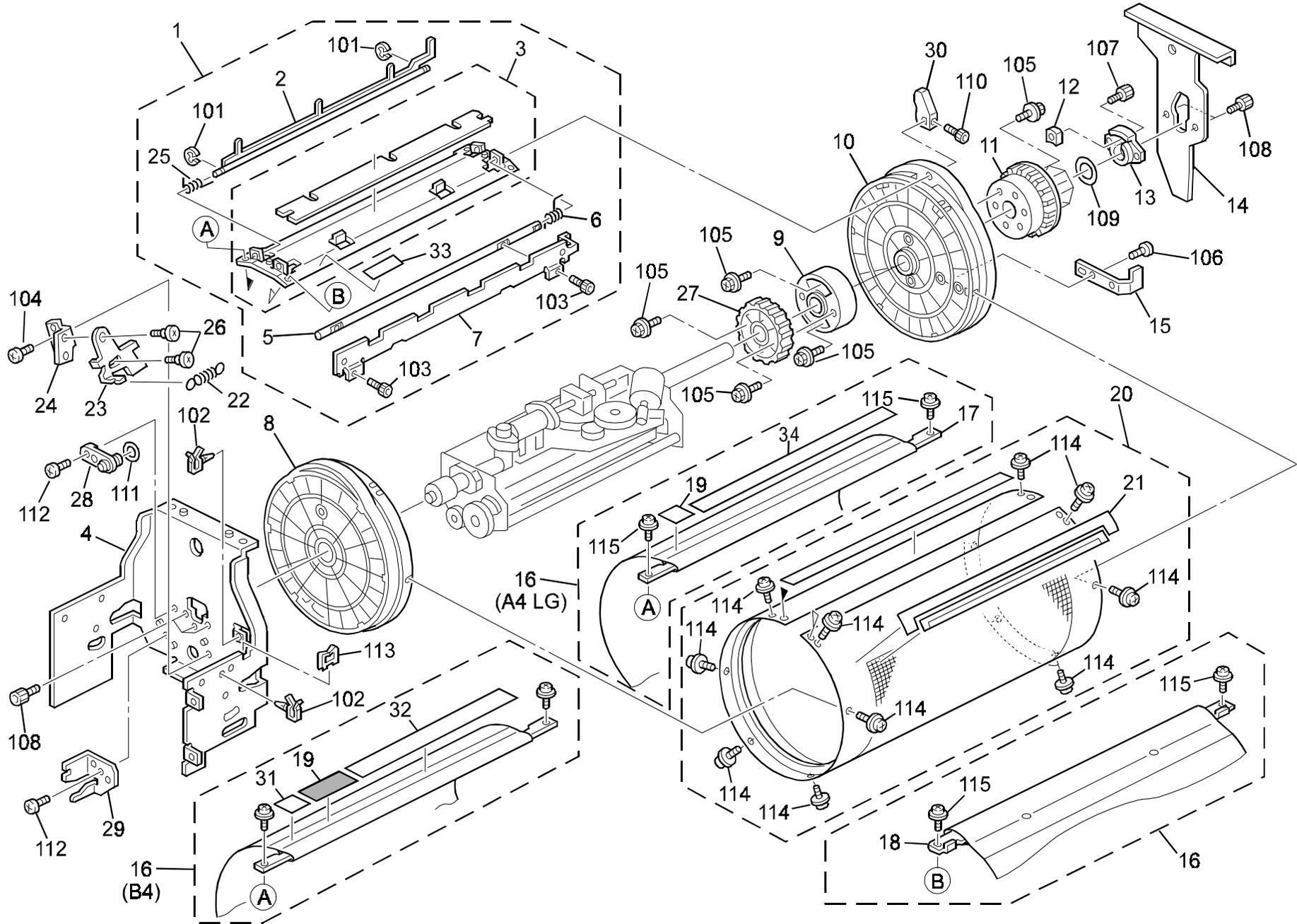


### 13.Drum Unit 1 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
*	C231 2300	Drum Unit (EU)	1
*	C231 2301	Drum Unit (NA)	1
*	C231 2310	Drum Unit (Chinese)	1
1	C231 2552	Shoulder Screw - M4	2
2	C231 2550	Ink Holder	1
3	C231 2561	Slider Guide Left	1
4	C231 2551	Ink Holder Slider	1
5	C231 2555	Slider Guide	1
6	C231 2559	Spring	1
7	C231 2553	Left Rail - Ink Holder	1
8	C231 2554	Right Rail - Ink Holder	1
9	C231 2571	Release Lever	1
10	C231 2531	Right Arm	1
11	C231 2556	Ink Release Lever	1
12	C231 2560	Lever Spring	1
13	C231 2535	Arm Pin	1
14	C231 2530	Left Arm	1
15	C231 2570	Decal - Ink Release Lever	1
16	C231 2534	Lower Drum Grip	1
17	C231 2536	Sliderr	1
18	C231 2543	Harness Cover	1
19	C231 2533	Stepped Screw	1
20	C231 2384	Seal	1
21	C231 2538	Connector Bracket	1
22	C231 5250	Drum Relay Harness	1
23	C231 2532	Pin	1
24	C201 4604	Drum Rail Roller	2
25	C229 2396	Spring Plate	1
26	C229 2390	Stepped Screw	1
27	C229 2392	Stopper Guide	1
28	C229 2391	Stopper Bracket	1
29	C201 5125	Stepped Screw - M6	2
30	C231 2525	Right Drum Stay	1
31	C231 2524	Left Drum Stay	1
31	C231 2507	Left Drum Stay (Chinese)	1

Index No.	Part No.	Description	Q'ty Per Assembly
32	C231 2526	Drum Grip	1
33	C229 2394	Spring Plate	1
34	C231 2504	Drum Frame	1
34	C231 2507	Drum Frame (Chinese)	1
35	C231 5257	Jumper Wire	1
36	C231 5256	Grounding Wire	1
37	C231 2519	Decal - Drum Replace	1
37	C231 2529	Decal - Drum Replace (Chinese)	1
101	0720 0060E	Retaining Ring - M6	
102	0354 0060Z	Philips Truss Head Screw - M4x6	
103	0720 0040Z	Retaining Ring - M4	
104	0353 0050Z	Philips Truss Head Screw - M3x5	
105	0807 5049	Wave Washer - 8 Mm	
106	0954 0060Z	F09 Maser Non	
107	0450 4006B	Tapping Screw:4x6	
108	0353 0080Z	Philips Truss Head Screw - M3x8	
109	0720 0060Z	Retaining Ring - M6	
110	0801 0103	Screw - M4x8	

# 14. Drum Unit 2 (C231)



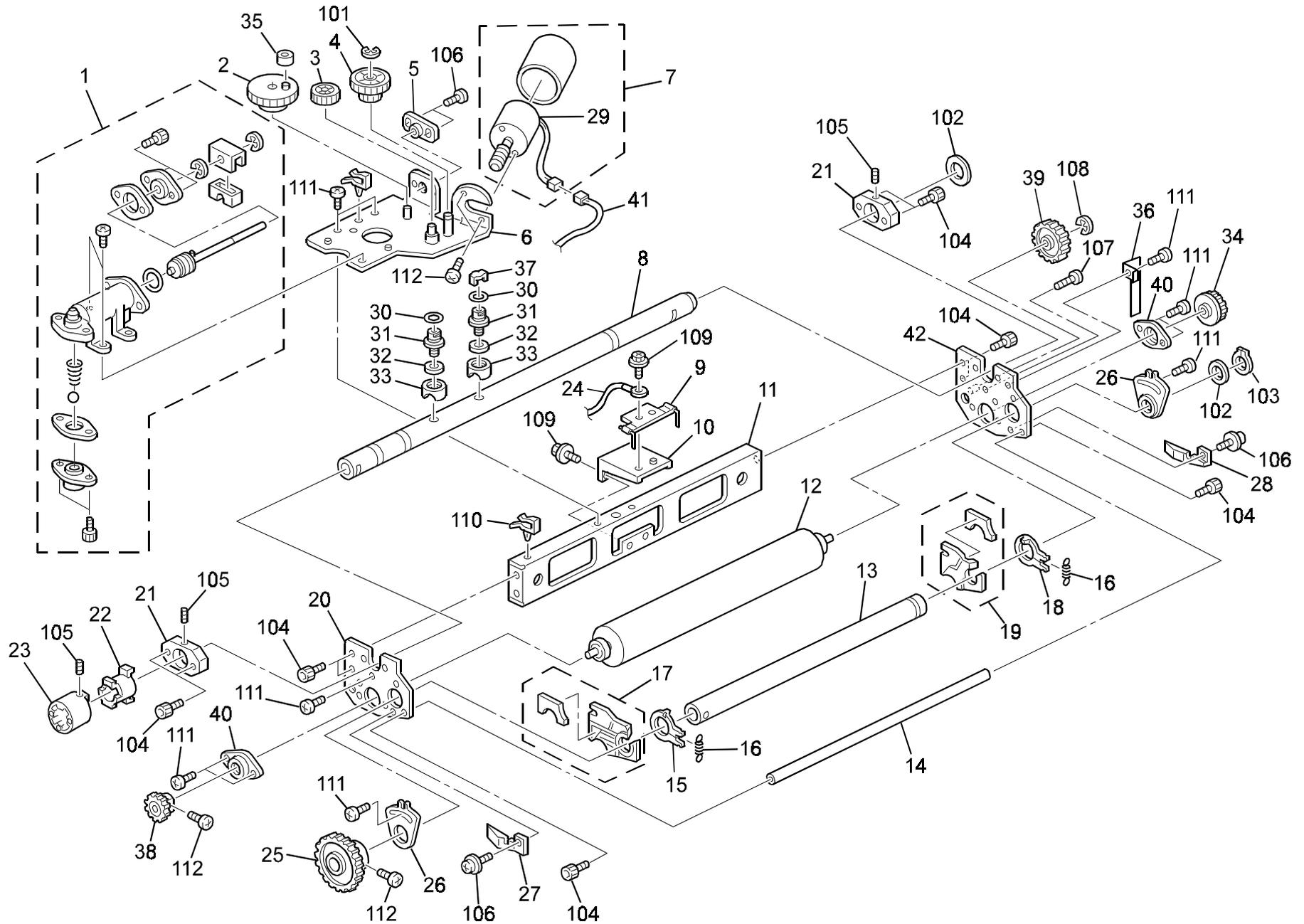
## 14.Drum Unit 2 (C231)

Rev. 12/26/2000

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2416	Drum Clamper Ass'y	1
2	C231 2417	Master Eject Pawl	1
3	C231 2402	Clamper Base	1
4	C231 2520	Left Side Plate	1
5	C231 2406	Clamper Shaft	1
6	C217 4549	Rear Clamper Spring	1
7	C231 2405	Clamper Holder	1
8	C231 2364	Left Drum Flange (A4)	1
8	C231 2360	Left Drum Flange (B4)	1
9	C231 2370	Spacer (A4/LG)	1
10	C231 2366	Right Drum Flange (A4)	1
10	C231 2362	Right Drum Flange (B4)	1
11	C231 2369	Drum Drive Gear	1
12	C231 2396	Stopper	1
13	C231 2395	Holder	1
14	C231 2521	Right Side Plate	1
15	C231 2368	Shielding Plate	1
16	C231 2305	Cloth Screen - A4	1
16	C231 2304	Cloth Screen - LG	1
16	C231 2303	Cloth Screen - B4	1
17	C231 2388	Front Holder (B4)	1
17	C231 2390	Front Holder (A4)	1
18	C231 2389	Rear Holder (B4)	1
18	C231 2391	Rear Holder (A49)	1
19	C231 2383	Sensor Sheet	1
20	C231 2585	Metal Screen - A4	1
20	C231 2583	Metal Screen - LG	1
20	C231 2580	Metal Screen - B4	1
21	C231 2587	Seal (A4/LG)	1
21	C231 2582	Seal (B4)	1
22	C231 2544	Stopper Spring	1
23	C231 2542	Stopper	1
24	C231 2541	Stopper Bracket	1
25	C217 4555	Eject Pawl Spring	1
26	C201 5125	Stepped Screw - M6	2

Index No.	Part No.	Description	Q'ty Per Assembly
27	C217 4581	Ink Roller Drive Gear	1
28	C231 2565	Ink Cartridge Joint	1
29	C231 2558	Release Lever Holder	1
30	C217 4504	Clamper Cam	1
31	C231 2413	Friction Sheet - 17.5x25mm - B4	1
32	C231 2412	Friction Sheet - 214.5x25mm - B4	1
33	C231 2411	Rear Sensor Sheet	1
34	C231 2414	Friction Sheet - 194x25mm A4/LG	1
101	0720 0020E	Retaining Ring - M2	
102	1105 0283	Clamp	
103	0804 6107	Hexagon Bolt - M2x4	
104	0354 0060Z	Philips Truss Head Screw - M4x6	
105	0450 3008B	Tapping Screw - M3x8	
106	0452 3006B	Tapping Screw - M3x6	
107	0593 0100Z	Bolt M3x10	
108	0594 0080Z	Bolt - M4x8	
109	0807 7114	Washer - 16x24x0.3mm	
110	0804 6091	Hexagonal Set Screw - M2x5	
111	0808 0021	Rubber Ring	
112	0801 1004	Screw - M4X4	
113	1105 0328	Harness Clamp - ES-0505	
114	0951 3006Z	Philips Screw With Flat Washer - M3x6	
115	0951 3008Z	Philips Screw With Flat Washer - M3x8	

# 15.Drum Unit 3 (C231)



# 15.Drum Unit 3 (C231)

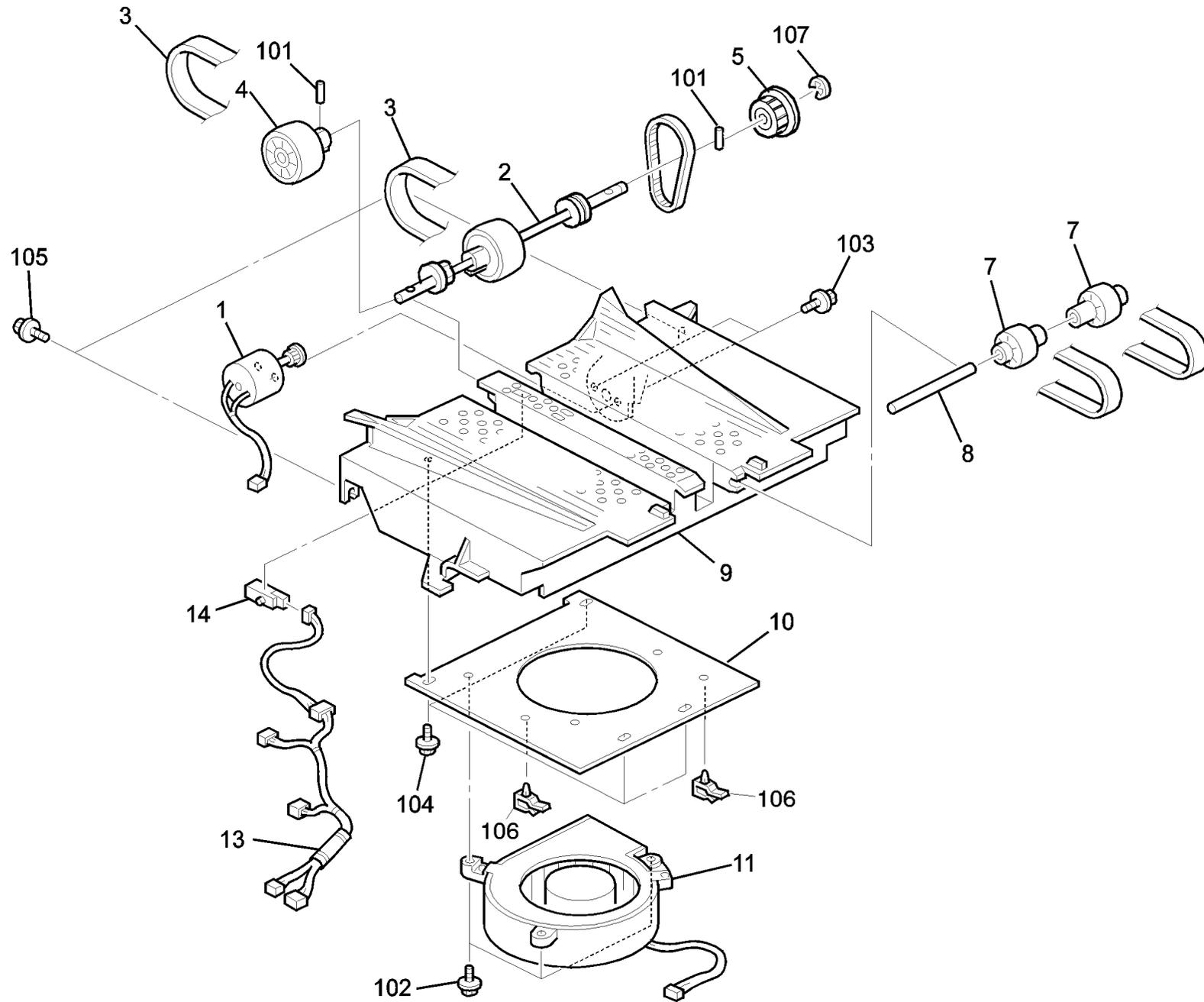
Rev. 06/21/2002

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2498	Ink Pump Ass'y	1
2	C231 2437	Pump Drive Gear	1
3	C225 6013	Idle Gear	1
4	C231 2435	Worm Wheel	1
5	C200 4814	Bushing - 6x10x55mm	1
6	C231 2429	Pump Bracket	1
7	C229 2529	Ink Supply Motor	1
8	C231 2487	Drum Shaft - A4	1
8	C231 2481	Drum Shaft - B4	1
9	C231 2471	Ink Sensor	1
10	C231 2470	Ink Sensor Stay	1
11	C231 2464	Drum Stay (A4)	1
11	C231 2463	Drum Stay (B4)	1
12	C231 2450	Ink Roller - B4	1
12	C231 2456	Ink Roller - A4	1
13	C231 2458	Doctor Roller - B4	1
13	C231 2459	Doctor Roller - A4	1
14	C231 2465	Drum Sub Stay (B4)	1
14	C231 2466	Drum Sub Stay (A4)	1
15	C218 4558	Front Doctor Roller Ring	1
16	C218 4560	Ring Spring	2
17	C218 4592	Front Bank Plate	1
18	C218 4559	Rear Doctor Roller Ring	1
19	C218 4594	Rear Bank Plate	1
20	C217 4512	Side Plate	1
21	C231 2495	Left Holder - Ink Roller	2
22	C231 2398	Spacer (A4/LG)	1
23	C231 2397	Left Collar	1
24	C231 5253	Ink Sensor Harness	1
25	C200 4748	Gear - 45T	1
26	C200 4723	Adjusting Plate - Doctor Roller	2
27	C217 4598	Front Drum Blade	1
28	C217 4599	Rear Drum Blade	1
29	C229 5803	DC Motor - 5.0W	1
30	5316 7421	O - Ring	2

Index No.	Part No.	Description	Q'ty Per Assembly
31	C231 2485	Joint	2
32	C231 2484	Bushing Holder	2
33	C231 2483	Joint Rubber	2
34	C237 2460	Ink Roller Drive Gear	1
35	C229 2525	Bushing - Pump Drive Gear	1
36	C217 4506	Grounding Plate	1
37	C231 2428	Valve	1
38	C217 4580	Gear - Doctor Roller Drive	1
39	C207 4672	Gear - 36Z	1
40	C201 4665	Bearing Holder	2
41	C231 5251	Relay Harness - Ink Pump	1
41	C231 5252	Relay Harness - Ink Pump	1
42	C217 4513	Rear Side Plate	1
101	0720 0060E	Retaining Ring - M6	
102	0807 7114	Washer - 16x24x0.3mm	
103	0725 0160E	Retaining Ring C - M16	
104	0594 0080Z	Bolt - M4x8	
105	0574 0040E	Hexagon Headless Set Screw - M4x4	
106	0951 4006Z	Philips Screw With Flat Washer - M4	
107	0314 0080Z	Philips Screw - 4x8	
108	0720 0050Z	Retaining Ring - M5	
109	0451 3006B	Tapping Screw - M3x6	
110	1105 0283	Clamp	
111	0354 0060Z	Philips Truss Head Screw - M4x6	
112	0353 0050Z	Philips Truss Head Screw - M3x5	

# 16. Vacuum Fan Unit (C231)

Rev. 08/23/2001



# 16.Vacuum Fan Unit (C231)

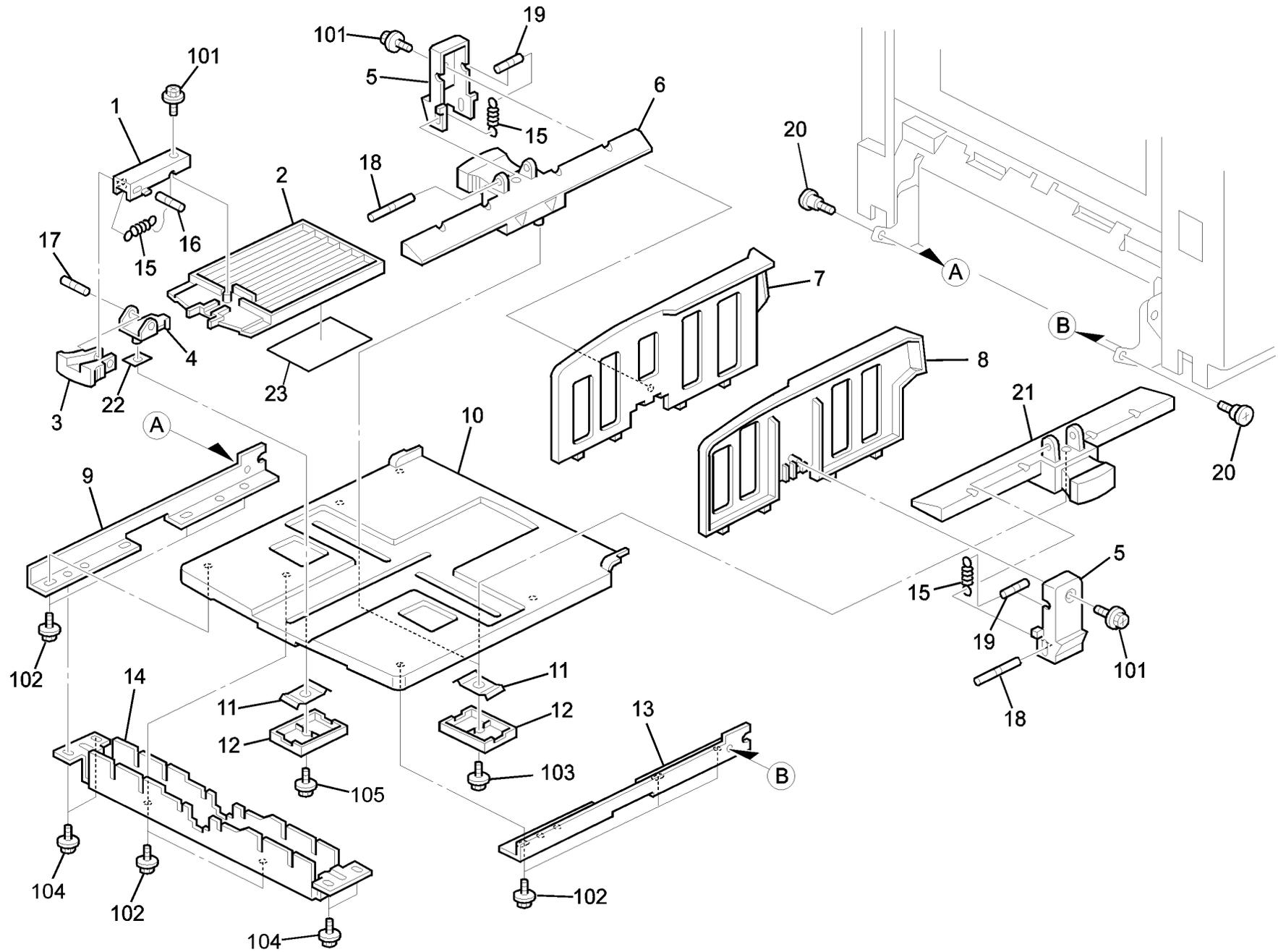
Rev. 08/23/2001

Index No.	Part No.	Description	Q'ty Per Assembly
*	C231 3800	Paper Delivery Unit	1
1	C231 5812	Paper Delivery Motor - DC24V	1
2	C231 3876	Drive Shaft	1
3	C231 3878	Transport Belt	2
4	C231 3871	Drive Roller	1
5	C231 3875	Drive Pulley	1
6	C231 3879	Timing Belt	1
7	C231 3872	Driven Roller	2
8	C231 3877	Driven Shaft	1
9	C231 3861	Delivery Duct	1
10	C231 3852	Fan Bracket	1
11	C231 5880	Air Knife Fan	1
12	AA08 2047	Bushing - 8x16x7	
13	C231 5272	Paper Delivery Harness	1
14	AW01 0076	Photosensor - PS-117D1	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0633 0140G	Parallel Pin - 3x14	2
102	0451 4014B	Tapping Screw - 4x14	
103	0451 3006B	Tapping Screw - M3x6	
104	0450 4008B	Tapping Screw - 4x8	
105	0451 4008B	Philips Tapping Screw - M4x8	
106	1105 0267	Harness Clamp - YMC-10-0	
107	0720 0060E	Retaining Ring M6	1

# 17.Delivery Table (C231)

Rev. 11/28/2000



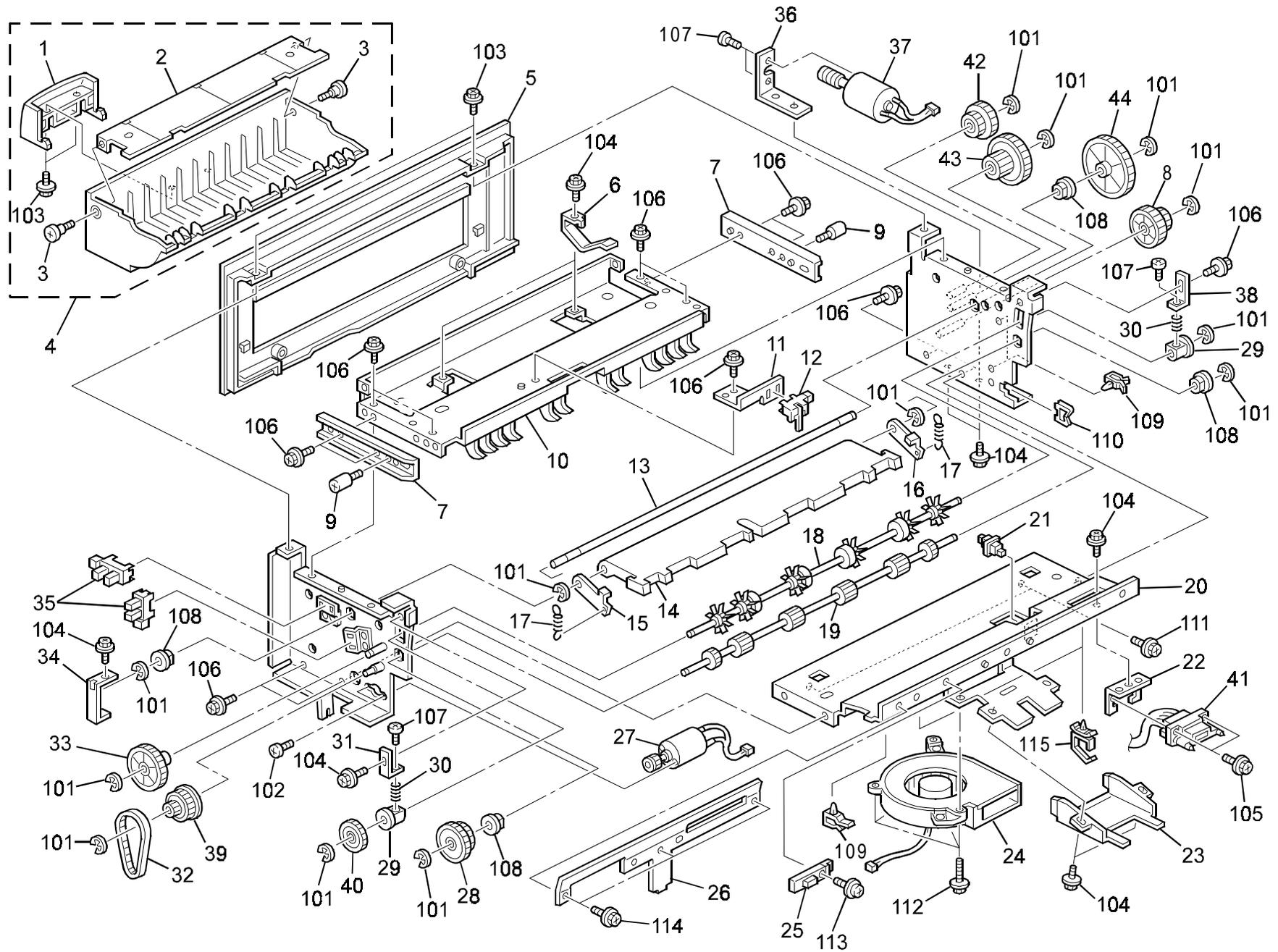
# 17.Delivery Table (C231)

Rev. 11/28/2000

Index No.	Part No.	Description	Q'ty Per Assembly
*	C231 4201	Paper Delivery Table Ass'y	1
1	C231 4416	End Plate Case	1
2	C231 4406	End Plate Fence	1
3	C231 4408	Side Fence Grip	1
4	C231 4410	End Plate Bracket	1
5	C231 4407	Side Fence Case	2
6	C231 4392	Rear Lower Guide	1
6	C231 4394	Rear Lower Guide (Chinese)	1
7	C231 4405	Rear Side Fence	1
8	C231 4404	Front Side Fence	1
9	C231 4402	Rear Stay	1
10	C231 4390	Bottom Plate	1
11	C231 4420	Slider Spring Plate	2
12	C231 4421	Slider Cover	2
13	C231 4401	Front Stay	1
14	C231 4409	Support Plate	1
15	C231 4413	Delivery Table Spring	3
16	C225 6113	Upper Pressure Spring Pin	1
17	C231 4419	End Plate Pin	1
18	C231 4414	Lower Side Fence Pin	2
19	C231 4415	Upper Side Fence Pin	2
20	C217 4426	Shoulder Screw	2
21	C231 4391	Front Lower Guide	1
21	C231 4393	Front Lower Guide (Chinese)	1
22	C231 4425	End Plate Sheet	1
23	C231 4426	End Plate Cushion	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008H	Tapping Screw M3x8	
102	0450 4008B	Tapping Screw - 4x8	
103	0450 3012B	Tapping Screw - 3x12	
104	0451 4006B	Tapping Screw - 4x6	
105	0451 3008B	Tapping Screw - M3x8	

# 18.Master Eject Unit (C231)



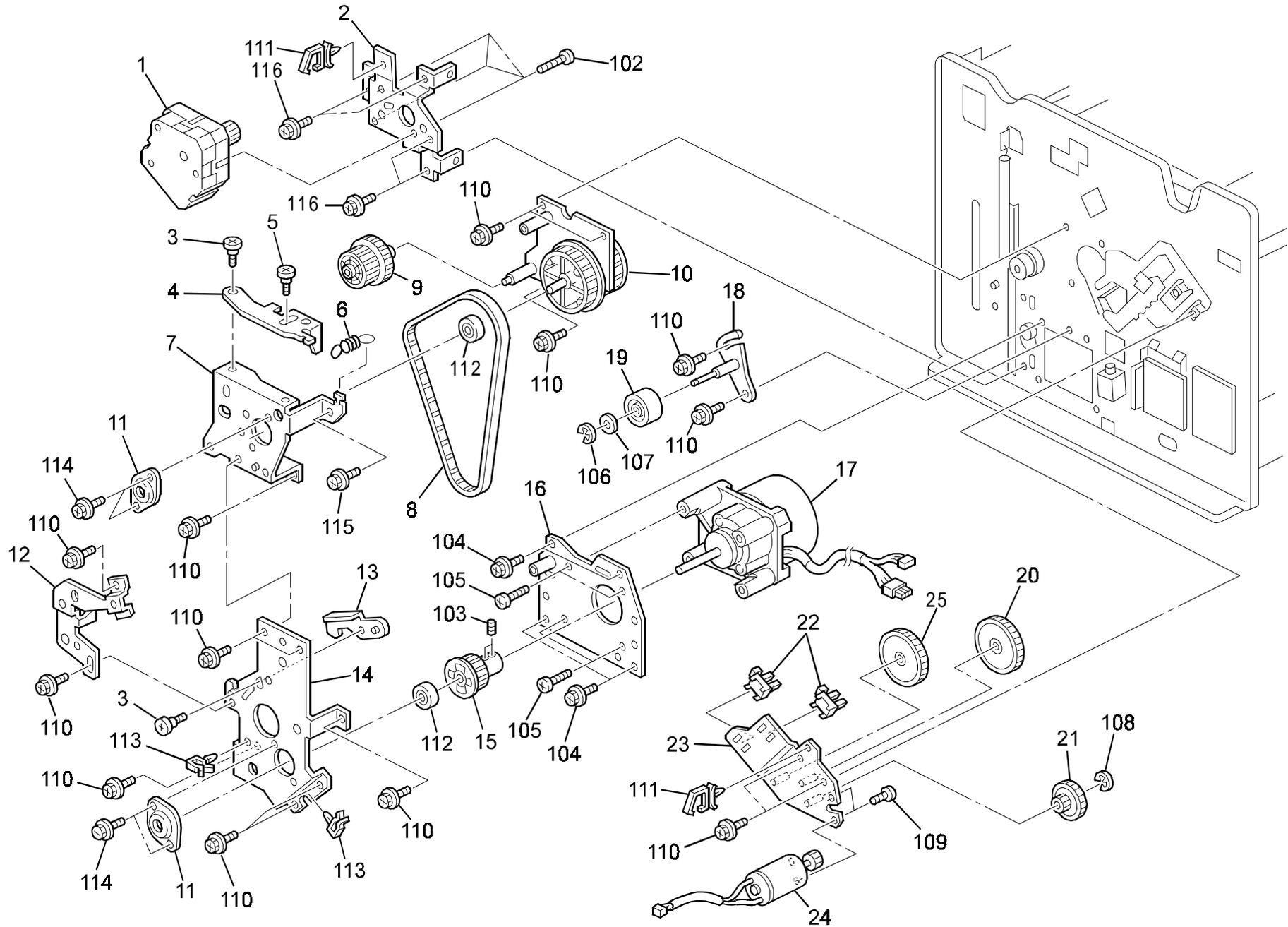
# 18.Master Eject Unit (C231)

Rev. 11/20/2001

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 3514	Box Grip	1
2	C231 3512	Eject Box Cover	1
3	C231 3513	Stepped Screw	2
4	C231 3510	Master Eject Box	1
5	C231 3541	Unit Cover	1
6	C231 3479	Spring Plate	1
7	C231 3466	Slide Rail	2
8	C231 3516	Worm Wheel	1
9	C231 3533	Slide Rail Stopper	2
10	C231 3476	Unit Stay	1
11	C231 3485	Sensor Bracket	1
12	C217 8446	Photointerruptor - Master Eject	1
13	C231 3502	Pressure Plate Shaft	1
14	C231 3501	Pressure Plate	1
15	C231 3503	Front Stay	1
16	C231 3504	Rear Stay	1
17	C231 3508	Pressure Spring	2
18	C231 3481	Upper Eject Roller	1
19	C231 3482	Lower Eject Roller	1
20	C231 3470	Unit Base	1
21	AW50 0012	Push Switch	1
22	C231 3545	Housing Bracket	1
23	C231 4352	Air Knife Duct	1
24	C231 5880	Air Knife Fan	1
25	C203 8137	Master Sensor	1
26	C231 3473	Air Knife Bracket	1
27	C209 8260	Micro Motor - Master Eject	1
28	C231 3489	Lower Roller Gear	1
29	C231 3486	Bushing	2
30	C231 3487	Pressure Spring	2
31	C231 3458	Front Bracket	1
32	C231 3491	Timing Belt - S2M 71Z	1
33	C231 3492	Large Pulley	1
34	C231 3505	Position Sensor Feeler	1
35	AW02 0075	Photointerrupter	2

Index No.	Part No.	Description	Q'ty Per Assembly
36	C231 3565	Motor Bracket	1
37	C229 5803	DC Motor - 5.0W	1
38	C231 3468	Rear Bracket	1
39	C231 3493	Coupled Gear - Large	1
40	C231 3494	Gear - Upper Roller	1
41	C231 5280	Eject Unit Harness	1
42	C237 3518	Second Gear	1
43	C237 3519	First Gear	1
44	C217 3684	Gear - Pressure Plate	1
101	0720 0040E	Retaining Ring - M4	
102	0801 1135	Philips Pan Head Screw - M3x3	
103	0450 4008B	Tapping Screw - 4x8	
104	0451 3006B	Tapping Screw - M3x6	
105	0451 3008B	Tapping Screw - M3x8	
106	0451 4006B	Tapping Screw - 4x6	
107	0353 0050Z	Philips Truss Head Screw - M3x5	
108	0805 3385	Bushing - 6mm	
109	1105 0267	Harness Clamp - YMC-10-0	
110	1105 0328	Harness Clamp - ES-0505	
111	0450 3008B	Tapping Screw - M3x8	
112	0451 4014B	Tapping Screw - 4x14	
113	0951 3010Z	Philips Screw With Flat Washer - M3	
114	0951 3006Z	Philips Screw With Flat Washer - M3x6	
115	1105 0291	Harness Clamp - LWS-3S	
116	0451 4008H	Tapping Screw - 4x8	

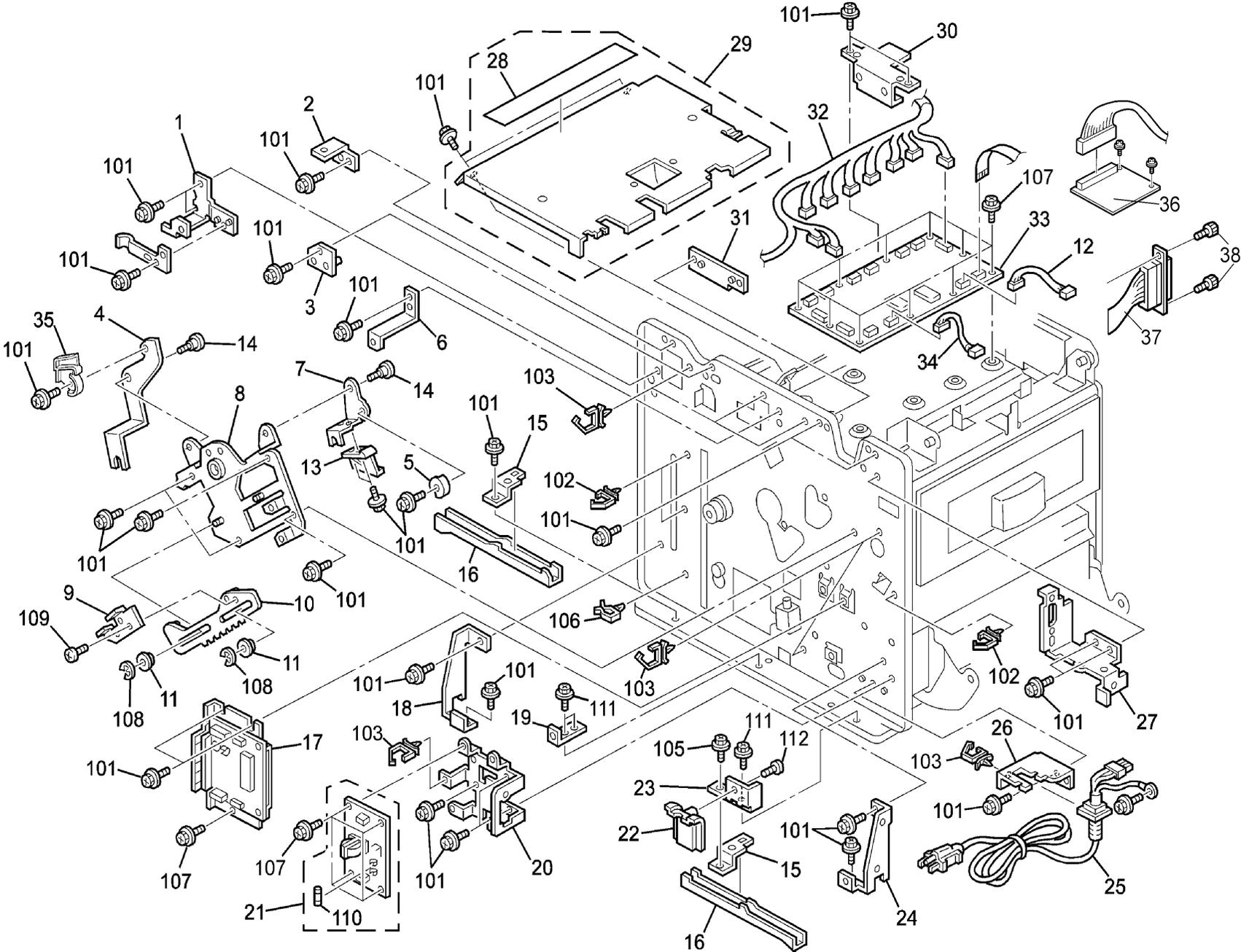
# 19. Drive Section (C231)



## 19. Drive Section (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 5814	DC Motor - 24V	1
2	C231 2785	Motor Bracket	1
3	C201 5125	Stepped Screw - M6	2
4	C231 1173	Gear Stopper	1
5	C217 4426	Shoulder Screw	1
6	C231 1174	Gear Spring	1
7	C231 1172	Drum Drive Side Plate	1
8	C231 1180	Timing Belt - 130S3M588UG	1
9	C217 5077	Feed Drive Pulley	1
10	C231 1160	Drum Drive Gear Unit	1
11	C201 5134	Bearing Holder	2
12	C231 2855	Clutch Bracket	1
13	C231 1175	Adjust Stopper	1
14	C231 1154	Drive Support Plate	1
15	C217 2210	Main Motor Pulley	1
16	C231 1150	Main Motor Bracket	1
17	C231 5890	Main Motor - DC24V	1
18	C231 1156	Adjust Tightner	1
19	C217 2221	Tension Roller	1
20	C200 2331	Gear - 20T	2
21	C200 3604	Coupled Gear - 16T & 50T	1
22	AW02 0075	Photointerrupter	2
23	C231 4065	Clamp Drive Side Plate	1
24	C217 8226	Master Eject Motor - DC24V/7.2W	1
25	C200 2332	Gear - 16T	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0960 4008Z	Flange Head Screw - 4x8	
102	0450 4025B	Tapping Screw With Washer - M4X25	
103	0575 0060E	Hexagon Headless Set Screw - M5x6	
104	0451 4008B	Philips Tapping Screw - M4x8	
105	0315 0200Z	Philips Screw - 5x20	
106	0720 0060E	Retaining Ring - M6	
107	0807 5044	Spacer - 8.1mm X 11.5mm X 0.2	
108	0720 0030E	Retaining Ring - M3	
109	0801 1135	Philips Pan Head Screw - M3x3	
110	0451 4006B	Tapping Screw - 4x6	
111	1105 0291	Harness Clamp - LWS-3S	
112	0740 3010	Ball Bearing - 10x26x8mm	
113	1105 0283	Clamp	
114	0451 3006B	Tapping Screw - M3x6	
115	0451 4008W	Tapping Screw - M4x8	
116	0951 4005Z	Philips Screw - With Flate Washer M4x5	



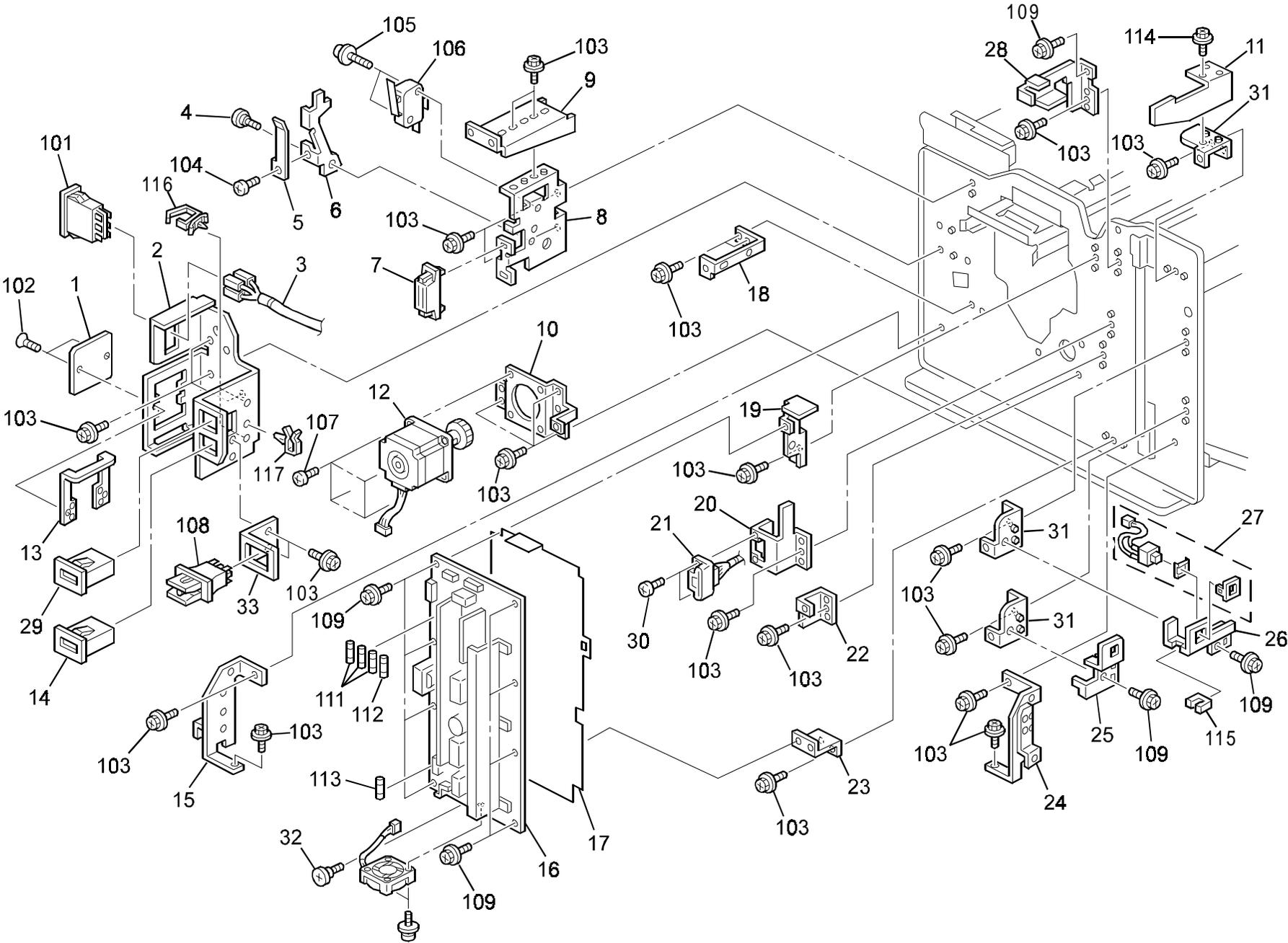
## 20.Electrical Section 1 (C231)

Rev. 12/26/2000

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 1364	Right Bracket - Rear Cover	1
2	C231 1356	Rear Cover Bracket	1
3	C231 6009	Rear Lock Bracket	1
4	C231 4060	Feed Clamp Lever	1
5	C217 4418	Cover Cap	1
6	C231 1363	Upper Bracket - Rear Cover	1
7	C231 4061	Eject Clamp Lever	1
8	C231 4050	Clamp Bracket	1
9	C231 4057	Sensor Feeler	1
10	C231 4055	Clamp Rack	1
11	C217 4416	Rack Guide Sleeve	2
12	C231 5225	Operation Panel Harness	1
13	C231 4062	Drum Positioning Guide	1
14	C217 4426	Shoulder Screw	2
15	C231 1068	Rear Guide Bracket	2
16	C231 1061	Grip	2
17	C231 5101	Main Motor Control Board	1
18	C231 1065	Right Rear Guide - Grip	1
19	C231 1365	Lower Bracket - Rear Cover	1
20	C231 5630	Noise Filter Bracket	1
21	C231 5122	Noise Filter Board - 115V	1
21	C231 5123	Noise Filter Board - 230V	1
22	C231 1370	Power Supply Cord Cover	1
23	C231 1375	Power Supply Cord Bracket	1
24	C231 1064	Left Rear Guide - Grip	1
25	C231 5008	Power Supply Cord - 115V	1
25	C231 5009	Power Supply Cord - 230V	1
25	C231 5011	Power Supply Cord (Chinese)	1
26	C231 5670	Cord Bracket	1
27	C231 1355	Connector Bracket	1
28	C231 5660	Decal - Master Set	1
29	C231 5606	MPU Cover	1
30	C231 6011	Front Harness Cover	1
31	C231 6012	Rear Harness Cover	1
32	C231 5200	DC Main Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	C231 5190	MPU Board	1
34	C231 5228	Scanner Unit Harness	1
35	C231 4063	Drum Pin Catcher	1
36	C580 1011	Interface Board	1
37	C580 1510	Relay Harness	1
38	C580 1550	Stepped Screw - M2.6	2
101	0451 4006B	Tapping Screw - 4x6	
102	1105 0291	Harness Clamp - LWS-3S	
103	1105 0292	Wire Saddle	
104	0452 4006B	Tapping Bind Screw - M4x6	
105	0451 3008B	Tapping Screw - M3x8	
106	1105 0267	Harness Clamp - YMC-10-0	
107	0451 3006B	Tapping Screw - M3x6	
108	0720 0040E	Retaining Ring - M4	
109	0801 1004	Screw - M4X4	
110	1107 0393	Fuse (glass Case) - 8A - 125V	
110	1107 0772	Fuse - 5A 250V	
111	0451 4008W	Tapping Screw - M4x8	
112	0452 4008B	Tapping Screw - M4x8	

# 21.Electrial Section 2 (C231)

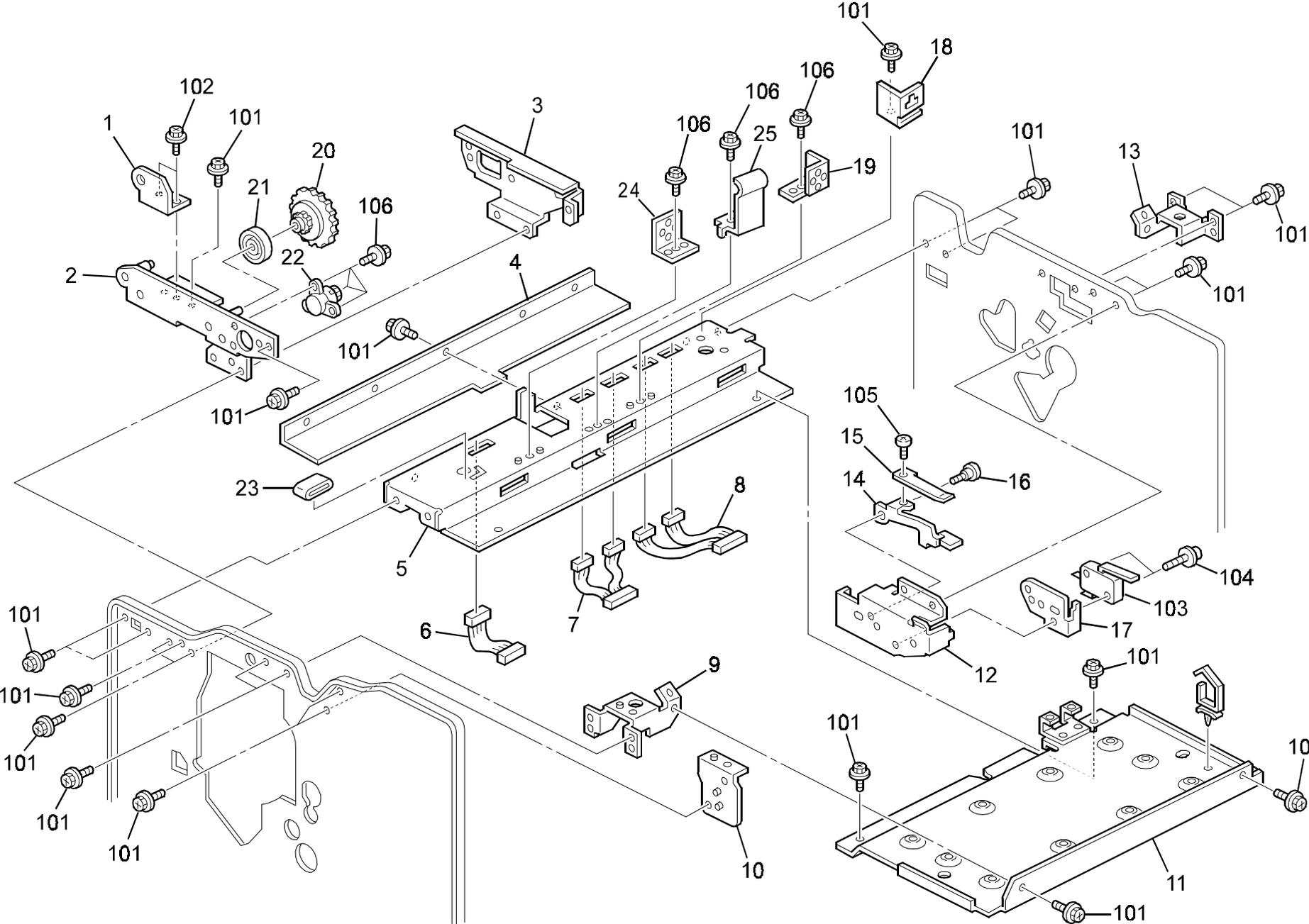


## 21.Electrial Section 2 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C217 2455	Key Counter Cover	1
2	C231 5650	Switch Bracket	1
3	C231 5201	AC Main Harness	1
4	C218 2185	Stepper Screw	1
5	C218 2173	Support Plate - Safety Switch	1
6	C224 2172	Safety Switch Lever	1
7	AG07 1010	Magnet Catch	1
8	C231 5685	Door Switch Bracket	1
9	C231 1395	Left Upper Bracket	1
10	C231 2871	Motor Bracket	1
11	C231 1388	Operation Panel Bracket	1
12	C231 2873	Registration Motor Ass'y	1
13	A030 1339	Plate Nut - Key Counter	1
14	C217 8462	Copy Counter	1
15	C231 1071	Front Left Guide	1
16	C231 5300	Power Supply Unit	1
17	C231 5623	Insulating Sheet	1
18	C231 1398	Left Lower Bracket	1
19	C231 5620	Upper Left Bracket	1
20	C231 2611	Connector Bracket	1
21	C231 5213	Drum Relay Harness	1
22	C231 5621	Middle Left Bracket	1
23	C231 5622	Lower Left Bracket	1
24	C231 1072	Front Right Guide	1
25	C231 1397	Right Lower Bracket	1
26	C231 5690	Push Switch Bracket	1
27	C209 8288	Table Down Switch	1
28	C231 1396	Right Upper Bracket	1
29	C217 8461	Master Counter	1
30	C229 2633	Stepped Screw	1
31	C231 1397	Right Lower Bracket	3
32	C219 3950	Stepped Screw	1
33	C231 5652	Interlock Switch Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1204 1545	Main Switch	
102	0323 0100Z	Philips Sunken Head Screw - M3x10	
103	0451 4006B	Tapping Screw - 4x6	
104	0353 0050Z	Philips Truss Head Screw - M3x5	
105	0951 3014Z	Philips Screw W/H Flat Waser - M3x14	
106	1204 1442	Micro Switch - V-152-3A5(10E)	
107	0354 0100B	Screw - M4X10	
108	1204 2382	Interlock Switch - Fail-CA22	
109	0451 3006B	Tapping Screw - M3x6	
110	1105 0328	Harness Clamp - ES-0505	
111	1107 0391	Fuse - 5A, 125V	
112	1107 0392	Fuse - 6.3A 125V	
113	1107 0932	Fuse - 10A 125V	
114	0802 5270	Tapping Screw - M3	
115	1105 0328	Harness Clamp - ES-0505	
116	1105 0292	Wire Saddle	
117	1105 0267	Harness Clamp - YMC-10-0	

# 22.Frame Section 1 (C231)



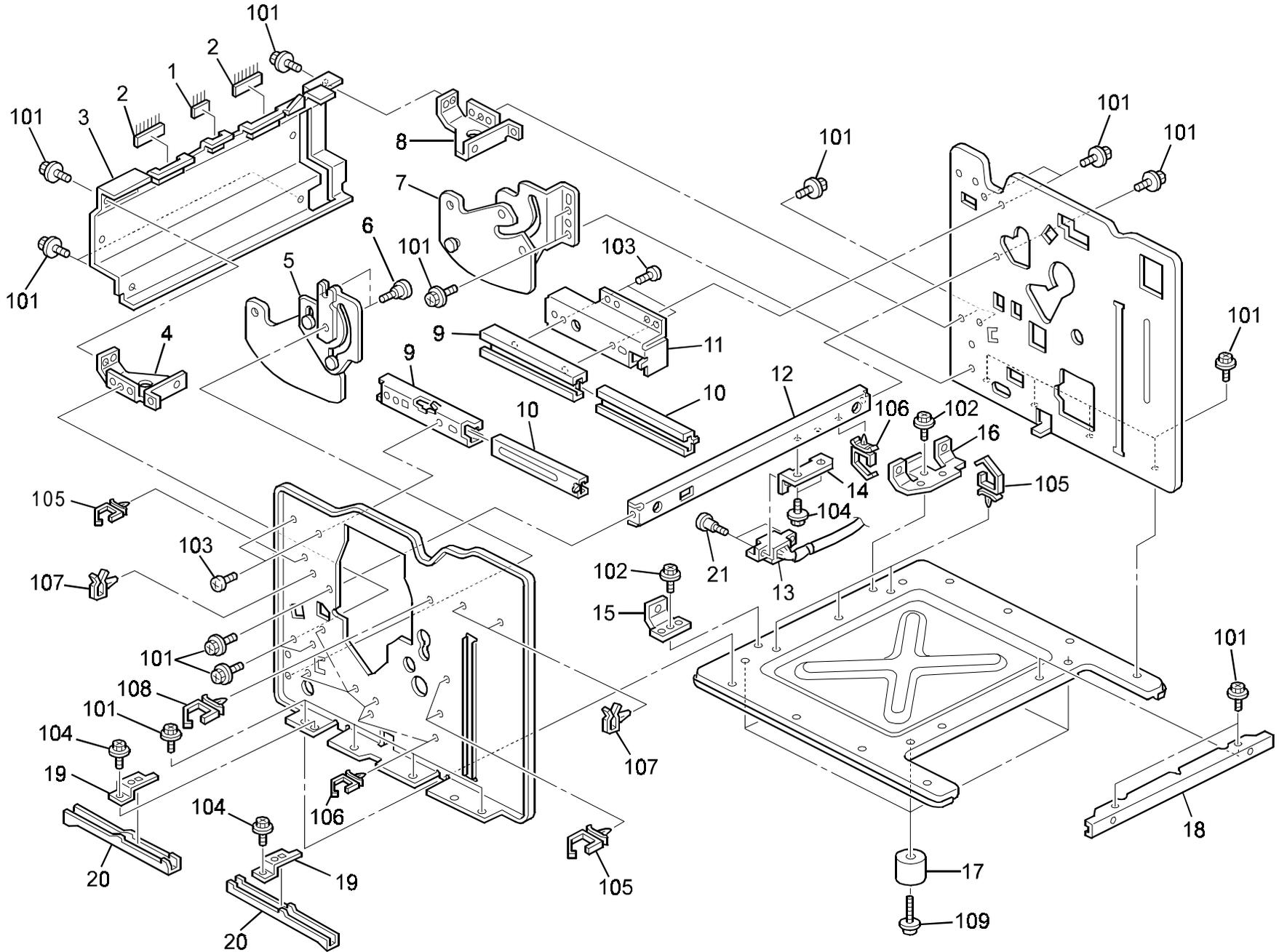
## 22.Frame Section 1 (C231)

Rev. 04/08/2004

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 6020	Front Support Plate	1
2	C231 6005	Front Scanner Bracket	1
3	C231 6014	Gear Bracket	1
4	C231 6002	Left Stay Cover	1
5	C231 6001	Upper Left Stay	1
6	C231 5222	Operation Panel Harness	1
7	C231 5219	Sensor Relay Harness - ADF	1
8	C231 5216	Motor Relay Harness	1
9	C231 6015	Holder Bracket - Front	1
10	C231 6013	Holder Bracket - Front Right	1
11	C231 5600	MPU Base	1
12	C231 5607	Scanner Switch Bracket	1
13	C231 6016	Holder Bracket - Rear	1
14	C226 2172	Safety Switch Lever	1
15	C218 2173	Support Plate - Safety Switch	1
16	C218 2185	Stepper Screw	1
17	C218 2071	Safety Switch Stopper	1
18	C231 6007	Rear Fixing Bracket	1
19	H521 3139	Bracket - Ground - 1	1
20	H307 3117	Gear - Oil Damper <b>[TSB#044]</b>	1
21	H522 3118	Collar - Oil Damper	1
22	H521 3116	Oil Damper	1
23	C226 8010	Ferrite Core - FPC-25-12	1
24	H521 3140	Bracket - Ground - 2	1
25	C231 5613	Grounding Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008W	Tapping Screw - M4x8	
103	1204 1442	Micro Switch - V-152-3A5(10E)	
104	0951 3014W	Philips Screw With Flat Washer - M3x14	
105	0353 0050Z	Philips Truss Head Screw - M3x5	
106	0451 3006B	Tapping Screw - M3x6	

# 23.Frame Section 2 (C231)



### 23.Frame Section 2 (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 3886	Short Antistatic Brush	1
2	C231 3885	Long Antistatic Brush	2
3	C231 3880	Paper Delivery Stay	1
4	C231 3881	Front Bracket	1
5	C231 4432	Front Hinge	1
6	C231 4438	Stepped Screw	1
7	C231 4441	Rear Hinge	1
8	C231 3882	Rear Bracket	1
9	C231 3532	Outer Slide Rail	2
10	C231 3531	Inner Slide Rail	2
11	C231 3553	Slide Rail Bracket	1
12	C231 3551	Lower Stay - Master Eject	1
13	C231 5210	Eject Unit Relay Harness	1
14	C231 3526	Connector Bracket	1
15	C231 3883	Front Lower Bracket	1
16	C231 3884	Rear Lower Bracket	1
17	C231 1057	Rubber Foot	4
18	C231 1056	Base Cover	1
19	C231 1067	Front Guide Bracket	2
20	C231 1061	Grip	2
21	C229 2633	Stepped Screw	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008B	Philips Tapping Screw - M4x8	
103	0801 1004	Screw - M4X4	
104	0451 3008B	Tapping Screw - M3x8	
105	1105 0292	Wire Saddle	
106	1105 0291	Harness Clamp - LWS-3S	
107	1105 0297	F09 Non	
108	1105 0316	Clamp	
109	0951 4020Z	Philips Screw With Flat Washer - M4x20	

## 24.MPU Board (C231)

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C101	208	C111	220	C121	212	C131	217	C141	220	C151	220	C161	220
C102	209	C112	216	C122	219	C132	220	C142	220	C152	220	C162	214
C103	209	C113	211	C123	220	C133	220	C143	220	C153	220	C163	213
C104	208	C114	220	C124	220	C134	220	C144	216	C154	220	C164	220
C105	208	C115	159	C125	161	C135	220	C145	220	C155	220	C165	214
C106	208	C116	211	C126	165	C136	162	C146	220	C156	219	C166	213
C107	210	C117	210	C127	215	C137	220	C147	220	C157	220	C167	220
C108	211	C118	210	C128	215	C138	220	C148	213	C158	213	C168	219
C109	216	C119	210	C129	161	C139	220	C149	220	C159	220	C169	220
C110	216	C120	220	C130	164	C140	220	C150	220	C160	220	C170	213

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C171	220	C181	219	C191	220	C201	162	C211	219	C221	220	C231	213
C172	220	C182	220	C192	220	C202	220	C212	160	C222	220	C232	213
C173	220	C183	214	C193	220	C203	219	C213	160	C223	---	C233	219
C174	213	C184	220	C194	220	C204	220	C214	220	C224	219	C234	220
C175	213	C185	220	C195	220	C205	220	C215	220	C225	219	C235	213
C176	213	C186	220	C196	220	C206	220	C216	163	C226	213	C236	219
C177	220	C187	214	C197	220	C207	220	C217	163	C227	211	C237	219
C178	220	C188	220	C198	220	C208	220	C218	217	C228	213	C238	213
C179	220	C189	220	C199	220	C209	219	C219	219	C229	213	C239	219
C180	220	C190	220	C200	218	C210	220	C220	220	C230	219	C240	213

## 24.MPU Board (C231)

### CAPACITOR

SYMBOL NO.	INDEX NO.
C241	219
C242	213
C243	219
C244	213
C245	213
C246	220

### CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	109
CN102	108
CN103	107
CN104	105
CN105	107
CN106	103
CN107	105
CN108	107
CN109	106
CN110	111

### DIODE

SYMBOL NO.	INDEX NO.
CN111	104
CN112	103
CN113	110

### BUZZER

SYMBOL NO.	INDEX NO.
BZ101	152

### DIODE

SYMBOL NO.	INDEX NO.
D101	122
D102	122
D103	122
D104	122
D105	121
D106	121
D107	121
D108	121
D109	123
D110	118

### DIODE

SYMBOL NO.	INDEX NO.
D111	118
D112	118
D113	118
D114	118
D115	122
D116	122
D117	123

### FIB

SYMBOL NO.	INDEX NO.
FIB101	167
FIB102	167
FIB103	167
FIB104	167
FIB105	167
FIB106	167
FIB107	167
FIB108	167
FIB109	167
FIB110	167

### FIB

SYMBOL NO.	INDEX NO.
FIB111	167

### FUSE

SYMBOL NO.	INDEX NO.
FU101	115
FU102	115

### IC

SYMBOL NO.	INDEX NO.
IC101	143
IC102	143
IC103	144
IC104	151
IC105	150
IC106	137
IC107	132
IC108	135
IC109	3
IC110	128

SYMBOL NO.	INDEX NO.
IC111	135
IC112	136
IC113	147
IC114	135
IC115	139
IC116	125
IC117	138
IC118	138
IC119	8
IC120	126

SYMBOL NO.	INDEX NO.
IC121	138
IC122	2
(Socket)	114
IC123	149
IC124	149
IC125	149
IC126	7
IC127	126
IC128	5
IC129	126
IC130	101

SYMBOL NO.	INDEX NO.
IC131	1
(Socket)	113
IC132	146
IC133	141
IC134	140
IC135	142
IC136	---
IC137	6
IC138	140
IC139	131
IC140	102

SYMBOL NO.	INDEX NO.
IC141	126
IC142	130
IC143	126
IC144	127
IC145	134
IC146	126
IC147	129
IC148	126
IC149	133
IC150	130

SYMBOL NO.	INDEX NO.
IC151	148
IC152	119
IC153	145
IC154	145

### LED

SYMBOL NO.	INDEX NO.
LED101	124

### L

SYMBOL NO.	INDEX NO.
L101	166
L102	166



## 24.MPU Board (C231)

### OSC

SYMBOL NO.	INDEX NO.
OSC101	4
OSC102	154
OSC103	153

### Q

SYMBOL NO.	INDEX NO.
Q101	117
Q102	116

### RAY

SYMBOL NO.	INDEX NO.
RAY101	155
RAY102	155
RAY103	155
RAY104	155
RAY105	155
RAY106	155
RAY107	155
RAY108	155
RAY109	155
RAY110	---

SYMBOL NO.	INDEX NO.
RAY111	155
RAY112	156
RAY113	156
RAY114	156
RAY115	155
RAY116	155
RAY117	155
RAY118	155
RAY119	155
RAY120	155

SYMBOL NO.	INDEX NO.
RAY121	155
RAY122	155
RAY123	155
RAY124	155
RAY125	155
RAY126	155
RAY127	155
RAY128	155

### RESISTOR

SYMBOL NO.	INDEX NO.
R101	177
R102	188
R103	186
R104	186
R105	186
R106	186
R107	186
R108	186
R109	186
R110	186

SYMBOL NO.	INDEX NO.
R111	173
R112	171
R113	171
R114	171
R115	169
R116	168
R117	168
R118	185
R119	171
R120	170

SYMBOL NO.	INDEX NO.
R121	202
R122	205
R123	200
R124	184
R125	186
R126	202
R127	202
R128	206
R129	202
R130	202

### RESISTOR

SYMBOL NO.	INDEX NO.
R131	203
R132	186
R133	184
R134	171
R135	190
R136	186
R137	222
R138	178
R139	185
R140	186

SYMBOL NO.	INDEX NO.
R141	186
R142	184
R143	184
R144	184
R145	186
R146	171
R147	173
R148	186
R149	186
R150	190

SYMBOL NO.	INDEX NO.
R151	190
R152	190
R153	196
R154	198
R155	183
R156	172
R157	171
R158	171
R159	171
R160	172

SYMBOL NO.	INDEX NO.
R161	171
R162	172
R163	171
R164	172
R165	171
R166	186
R167	172
R168	171
R169	185
R170	171

SYMBOL NO.	INDEX NO.
R171	185
R172	207
R173	201
R174	171
R175	172
R176	186
R177	172
R178	180
R179	186
R180	186

SYMBOL NO.	INDEX NO.
R181	186
R182	186
R183	---
R184	221
R185	175
R186	172
R187	186
R188	176
R189	193
R190	186

SYMBOL NO.	INDEX NO.
R191	186
R192	182
R193	182
R194	172
R195	189
R196	186
R197	186
R198	191
R199	191
R200	172

## RESISTOR

SYMBOL NO.	INDEX NO.
R201	193
R202	192
R203	171
R204	182
R205	182
R206	179
R207	182
R208	182
R209	187
R210	174

SYMBOL NO.	INDEX NO.
R211	186
R212	193
R213	174
R214	192
R215	186
R216	185
R217	186
R218	---
R219	185
R220	185

SYMBOL NO.	INDEX NO.
R221	172
R222	194
R223	204
R224	197
R225	199
R226	171
R227	181
R228	181
R229	181
R230	181

SYMBOL NO.	INDEX NO.
R231	171
R232	181
R233	181
R234	181
R235	181
R236	181

## VR

SYMBOL NO.	INDEX NO.
VR101	157
VR102	158
VR103	158

## ZD

SYMBOL NO.	INDEX NO.
ZD101	120

## 24.MPU Board (C231)

Rev. 11/07/2000

Index No.	Part No.	Description	Q'ty Per Assembly
*	C231 5190	MPU Board	1
1	C231 5165	IC131 - Main Rom - 1MX8 150NS	1
2	C231 5107	IC122 - Feed Rom - 512K X8 150NS	1
3	C226 8008	IC - LC821031	1
4	C226 8009	Oscilator - HC-49/U-S 13.1Mhz	1
5	C228 8030	IC - THERMAL HEAD DRIVE	1
6	C229 5351	IC - UPD65640GF	1
7	C229 5352	IC - HD6433292A53F	1
8	C231 5140	IC - LC27025B-MC7	1
101	1904 0013	SRAM - 256K X8 20NS G2	
102	1407 4286	IC - MK48Z52B - 15	
103	1102 4210	Connector - 11P	
104	1102 4212	CT Header - 15P	
105	1102 4820	CT Header - 24P	
106	1102 4821	Connector - 26P	
107	1102 4822	Connector - 28P	
108	1102 5305	Connector - 6P	
109	1102 6595	Connector - 11P	
110	1102 7031	Connector - SLEM11S-2	
111	1102 7455	Connector FX6-60S-0.8SV2	
112	1104 0378	IC Socket - 24p - DICF-24CS-E	
113	1104 0473	32p - IC Socket	
114	1104 0588	Dip Socket - 28p	
115	1107 0653	Fuse - 1A, 125V	
116	1400 0403	Transistor - 2SC1623L6	
117	1400 0429	Transistor - NPN TR:2SC3070	
118	1401 0835	Diode - 1SS190	
119	1401 0977	Transistor - LB1213M	

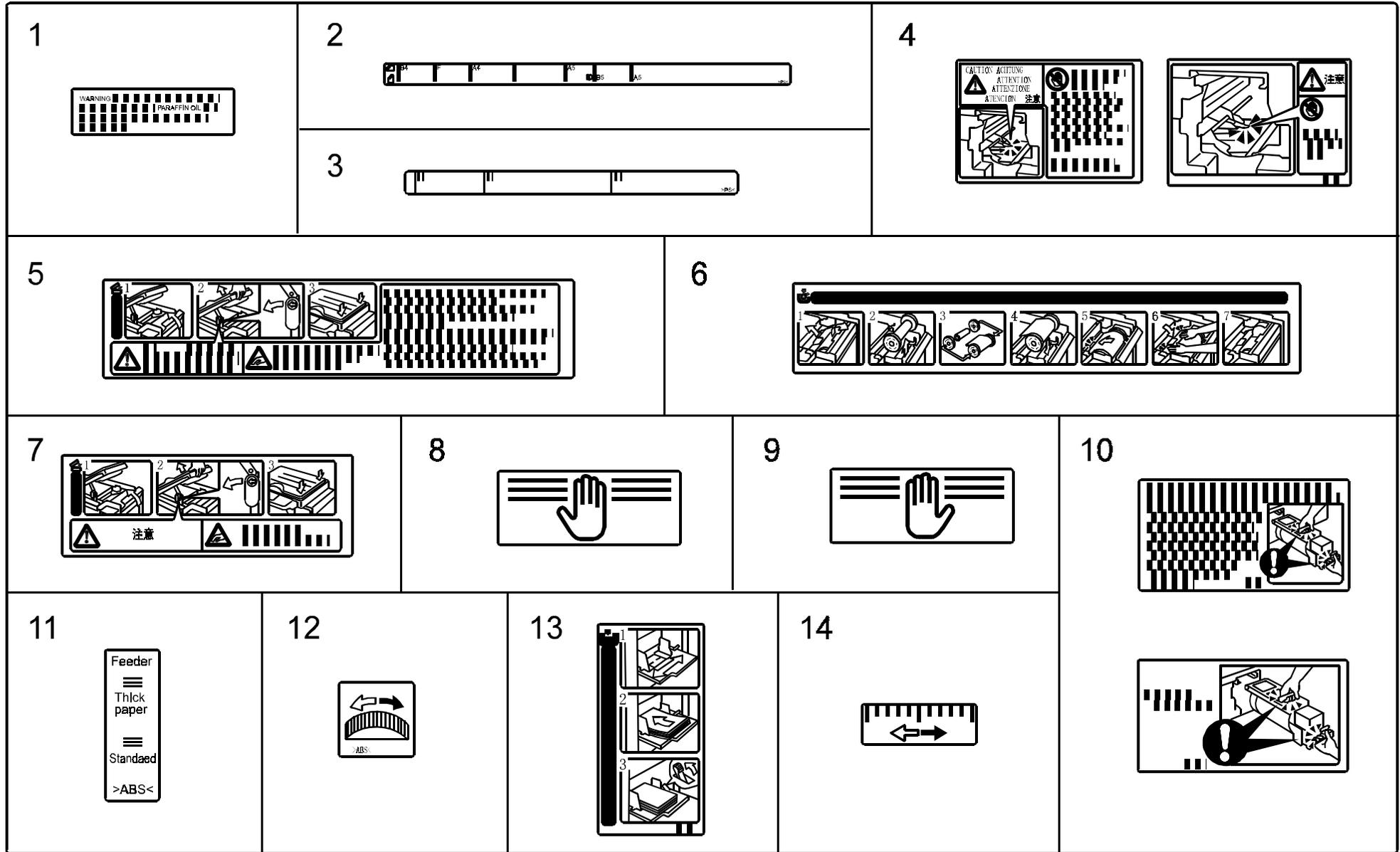
Index No.	Part No.	Description	Q'ty Per Assembly
120	1402 0694	Zener Diode - 02CZ2.7	
121	1402 0780	Diode - 200v - 1A - 11ES2	
122	1402 0804	Silicon Diode - 45V - 0.3A	
123	1402 1263	Diode - 200v - 1A	
124	1403 0829	Diode - SEC1201C	
125	1407 1598	TTLIC - SN74LS125ANS	
126	1407 1600	TTLIC - SN74LS244NS	
127	1407 1813	IC - SN74LS11NS	
128	1407 1880	TTLIC - SN74LS04NS	
129	1407 1882	TTLIC - SN74LS373NS	
130	1407 2077	TTLIC - SN74LS138NS	
131	1407 2081	TTLIC - SN74LS08NS	
132	1407 2182	IC SN74HC244NS	
133	1407 2187	TTLIC - SN74LS07NS	
134	1407 2218	TTLIC - SN74LS06NS	
135	1407 2231	IC - TD62308AF	
136	1407 2247	TTL - SN74LS164NS	
137	1407 2261	IC - NJM2902M	
138	1407 2273	IC - TA8050P	
139	1407 3281	IC - TC74HCU04AF	
140	1407 4315	IC - TE7751	
141	1407 4462	IC - UPD78217AGC-AB8	
142	1408 0539	IC - N51847P	
143	1408 0569	IC - NJM78M05FA	
144	1408 0571	IC - NJM79M05F-A	
145	1408 0595	IC - NJM2904M	
146	1408 0611	IC - 3771	
147	1408 0827	IC - TA8429H	
148	1408 0886	IC - NJM78M18FA,+18A,0.5A	
149	1408 1050	IC - STK6712BMK4	
150	1408 1121	IC - STK6713BMK4	
151	1408 1134	Operational Amplifier - Ad817an	
152	1502 0052	Buzzer - MEB-12C-5	
153	1503 0071	Oscillator - 12MHZ	
154	1503 0849	Oscillator - 14.7456MHZ	



Index No.	Part No.	Description	Q'ty Per Assembly
155	1601 7808	Resistor - 4.7k $\Omega$ $\pm$ 5% 1/16w	
156	1601 7809	Resistor Array - 2.2k $\Omega$ 1/16w	
157	1601 8148	Variable Resistor - 20K $\Omega$ 0.5W	
158	1601 8157	Variable Resistor - 100K $\Omega$	
159	1604 2089	Capacitor - 1.0 $\mu$ F1/8W $\pm$ 20%	
160	1605 0237	Capacitor - 0.033 $\mu$ F25V	
161	1605 0599	Capacitor - 0.1 $\mu$ F $\pm$ 10%	
162	1605 0744	Capacitor - EMK212F105Z	
163	1605 0780	Capacitor - 0.022 $\mu$ F $\pm$ 5% 25V	
164	1606 0995	Capacitor - 10pF 50V	
165	1606 1915	Capacitor - 0.0022UF	
166	1607 0001	Coil - SN-8S-500	
167	1607 0477	Coil - BLM21A121SPB	
168	1630 1101	Resistor - 100 $\Omega$ 1/4W $\pm$ 5%	
169	1630 2201	Resistor - 200 $\Omega$ $\pm$ 5% 1/8W	
170	1630 2220	Resistor - 22 $\Omega$ 1/8W $\pm$ 5%	
171	1630 3102	Resistor - 1K $\Omega$ 1/10W $\pm$ 5%	
172	1630 3103	Resistor - 10K $\Omega$ 1/10W $\pm$ 5%	
173	1630 3105	Resistor - 1M $\Omega$ $\pm$ 5% 1/10W	
174	1630 3151	Resistor - 150 $\Omega$ $\pm$ 5% 1/10W	
175	1630 3163	Resistor - 16K $\Omega$ $\pm$ 5% 1/10W	
176	1630 3202	Resistor - 2K $\Omega$ -1/10W	
177	1630 3220	Resistor - 22 $\Omega$ $\pm$ 5% 1/10W	
178	1630 3241	Resistor - 240 $\Omega$ 1/10W $\pm$ 5%	
179	1630 3244	Resistor - 240K $\Omega$ $\pm$ 5% 1/10W	
180	1630 3303	Resistor - 30K $\Omega$ $\pm$ 5% 1/10W	
181	1630 3330	Resistor - 33 $\Omega$ $\pm$ 5% 1/10W	
182	1630 3332	Resistor - 3.3K $\Omega$ 1/10W $\pm$ 5%	
183	1630 3391	Resistor - 390 $\Omega$ 1/10W $\pm$ 5%	
184	1630 3470	Resistor - 47 $\Omega$ 1/10W $\pm$ 5%	
185	1630 3471	Resistor - 470 $\Omega$ - 1/10W	
186	1630 3472	Resistor - 4.7K $\Omega$ 1/10W $\pm$ 5%	
187	1630 3473	Resistor - 47K $\Omega$ 1/10W $\pm$ 5%	
188	1630 3511	Resistor - 510 $\Omega$ $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
189	1630 3514	Resistor - 510K $\Omega$ $\pm$ 5% 1/10W	
190	1630 3682	Resistor - 6.8k $\Omega$ - 1/10W	
191	1630 3683	Resistor - 68K $\Omega$ $\pm$ 5% 1/10W	
192	1630 3824	Resistor - 820K $\Omega$ $\pm$ 5% 1/10W	
193	1633 0000	Resistor - 0 $\Omega$ 1/10W	
194	1633 1001	Resistor - 1K $\Omega$ $\pm$ 1% 1/10W	
195	1633 1501	Resistor - 1.5K $\Omega$ $\pm$ 1% 1/10W	
196	1633 2200	Resistor:220 $\Omega$ : $\pm$ 1%:1/10w	
197	1633 2201	Resistor - 2.2 $\Omega$ $\pm$ 1% 1/10W	
198	1633 2700	Chip Resistor - 270 $\Omega$ 1/10w	
199	1633 3600	Resistor - 360 $\Omega$ : $\pm$ 1%:1/10w	
200	1633 3741	Resistor - 3.7K $\Omega$ $\pm$ 5% 1/10W	
201	1633 3901	Resistor - 3.9 $\Omega$ $\pm$ 1% 1/10W	
202	1633 5100	Resistor - 510 $\Omega$ $\pm$ 1%1/10W	
203	1633 6040	Resistor - 604 $\Omega$ $\pm$ 5% 1/10W	
204	1633 6800	Resistor - 680 $\Omega$ $\pm$ 1% 1/10W	
205	1633 7500	Resistor - 750 $\Omega$ $\pm$ 5% 1/10W	
206	1633 8870	Resistor - 887 $\Omega$ $\pm$ 5% 1/10W	
207	1633 9101	Resistor - 9.1K $\Omega$ 1/10W	
208	1640 1101	Capacitor - 100 $\mu$ F- $\pm$ 20% 16V	
209	1640 2470	Capacitor - 47 $\mu$ F $\pm$ 20% 25V	
210	1640 3101	Capacitor - 100 $\mu$ F $\pm$ 20% 35V	
211	1640 5100	Capacitor - 10 $\mu$ F+20% 35V	
212	1644 5479	Capacitor - 4.7 $\mu$ F $\pm$ 20% 50V	
213	1660 2151	Capacitor - 150pF $\pm$ 20% 35V	
214	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
215	1660 2270	Capacitor - 27pF $\pm$ 20% 35V	
216	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	
217	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
218	1660 3101	Capacitor - 100pF 50V	
219	1660 3102	Capacitor - 1000pF $\pm$ 5% 50V	
220	1660 5103	Capacitor - 10000pF $\pm$ 10% 50V	

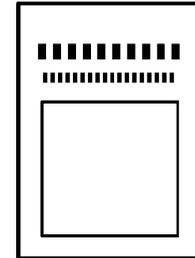
# 25.Decal And Document (C231)



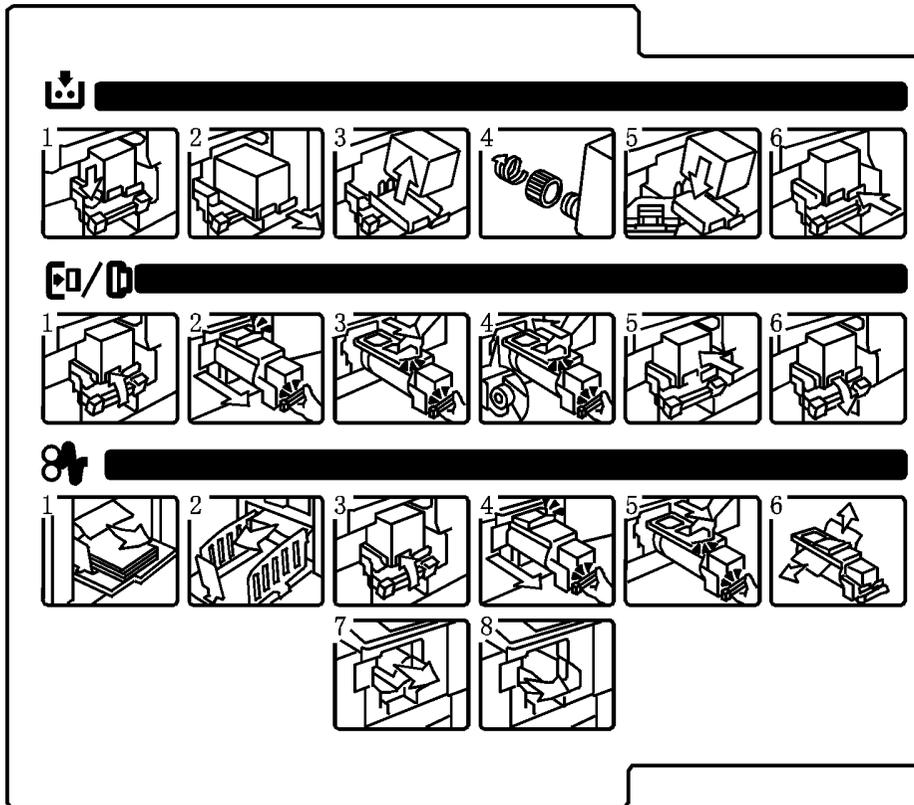
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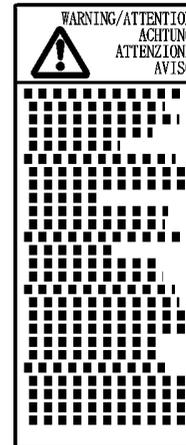
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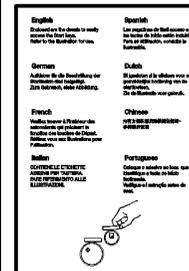
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English Master Making	Spanish Realización del master
Print Start	Inicio de impresión
German Master erstellen	Dutch Master Maken
Drucken	Start Akiirjukan
French Master	Chinese 制版
Impressions	印刷
Italian CREAZIONE MATRICE	Portuguese Gravacao do Master
STAMPA	Inicio de impressão

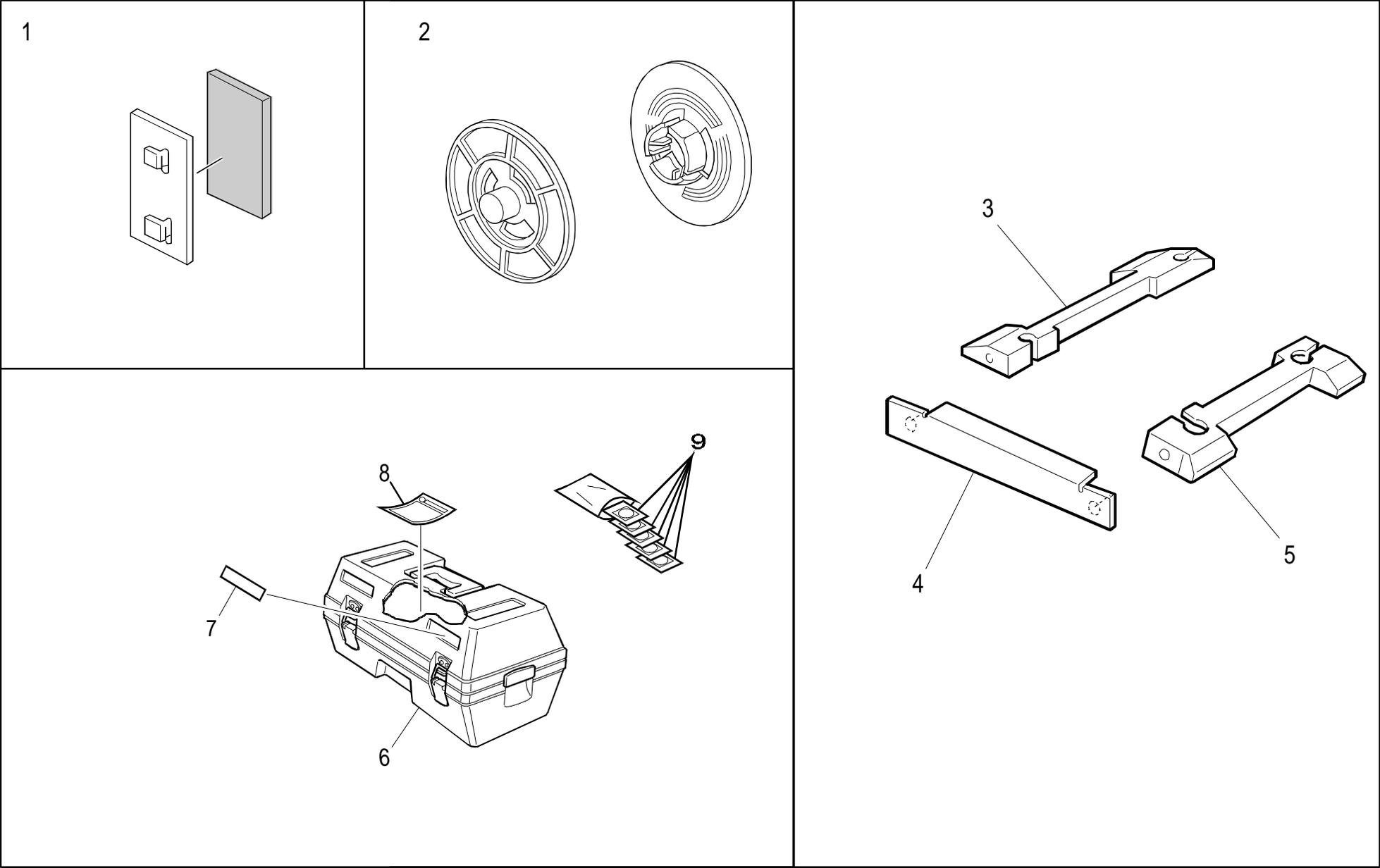
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26. Accessories And Special Tools (C231)



## 26. Accessories And Special Tools (C231)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C225 5020	Side Fence Pad	2
2	C231 2242	Master Flange	2
3	A682 6167	Rear Stand	1
4	A682 6170	Stand Fixing Plate	1
5	A682 6166	Front Stand	1
6	C583 1000	Option Drum Case Ass'y	1
7	C583 1265	Decal - Drum Model LG	1
7	C584 1265	Decal - Drum Model B4	1
7	C585 1265	Decal - Drum Model A4	1
8	C583 1255	Decal - Drum Position	1
9	C526 2251	Drum Decal - Red	1
9	C526 2252	Drum Decal - Blue	1
9	C526 2253	Drum Decal - Green	1
9	C526 2254	Drum Decal - Brown	1
9	C526 2259	Drum Decal - Blank	1

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



**C231**  
**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	Description in Parts	Q'ty Per Assembly	Page and Index No
Plotter Unit 1 (C231)	C231 2104	Platen Roller Expected life 6K master	Platen Roller - B4	1	25- 17
	C231 2105	Platen Roller Expected life 6K master	Platen Roller - A4	1	25- 17
Paper Registration (C231)	C231 2831	Paper Feed Roller	Paper Feed Roller	2	23- 12
Paper Feed Section (C231)	C231 2905	Friction Pad	Friction Pad Ass'y	1	21- 29
Press Roller Section (C231)	C231 3050	Press roller	Pressure Roller Ass'y - B4	1	29- 14
	C231 3052	Press roller	Pressure Roller Ass'y - A4	1	29- 14
Vacuum Fan Unit (C231)	C231 3878	Paper Delivery Transport Belts	Transport Belt	2	37- 3
Drum Unit 2 (C231)	C231 2305	Cloth Screen	Cloth Screen - A4	1	33- 16
	C231 2304	Cloth Screen	Cloth Screen - LG	1	33- 16
	C231 2303	Cloth Screen	Cloth Screen - B4	1	33- 16

Part No.	Description	Page and Index No
C231 1056	Base Cover	51- 18
C231 1057	Rubber Foot	51- 17
C231 1061	Grip	45- 16
C231 1061	Grip	51- 20
C231 1064	Left Rear Guide - Grip	45- 24
C231 1065	Right Rear Guide - Grip	45- 18
C231 1067	Front Guide Bracket	51- 19
C231 1068	Rear Guide Bracket	45- 15
C231 1071	Front Left Guide	47- 15
C231 1072	Front Right Guide	47- 24
C231 1150	Main Motor Bracket	43- 16
C231 1154	Drive Support Plate	43- 14
C231 1156	Adjust Tightner	43- 18
C231 1160	Drum Drive Gear Unit	43- 10
C231 1172	Drum Drive Side Plate	43- 7
C231 1173	Gear Stopper	43- 4
C231 1174	Gear Spring	43- 6
C231 1175	Adjust Stopper	43- 13
C231 1180	Timing Belt - 130S3M588UG	43- 8
C231 1200	Front Cover Ass'y (RIC-LG)	7- 15
C231 1202	Right Cover Ass'y	7- 13
C231 1209	Magnet Catch Bracket Ass'y	7- 14
C231 1212	Front Cover Ass'y (RIC-A4)	7- 15
C231 1213	Front Cover Ass'y (RIC-B4)	7- 15
C231 1214	Front Cover Ass'y (RIC-B4)(Chinese)	7- 15
C231 1216	Front Cover Ass'y (GES/SVN LG)	7- 15
C231 1217	Front Cover Ass'y (NRG)	7- 15
C231 1218	Front Cover Ass'y (GES B4)	7- 15
C231 1219	Front Cover Ass'y (GES 5000)(Chinese)	7- 15
C231 1221	Front Cover Ass'y (GES 5001)(Chinese)	7- 15
C231 1251	Front Cover (NA)	7- 9
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0720 0070E	Retaining Ring - M7	13-104
0720 0080E	Retaining Ring - M8	21-103
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0807 7114	Washer - 16x24x0.3mm	33-109
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1402 0780	Diode - 200v - 1A - 11ES2	55-121
1402 0804	Silicon Diode - 45V - 0.3A	55-122
1402 1263	Diode - 200v - 1A	55-123
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1407 2081	TTLIC - SN74LS08NS	55-131
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1407 2187	TTLIC - SN74LS07NS	55-133
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1408 0569	IC - NJM78M05FA	55-143
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1503 0071	Oscillator - 12MHZ	55-153
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1601 7808	Resistor - 4.7k $\Omega$ $\pm$ 5% 1/16w	55-155
1601 7809	Resistor Array - 2.2k $\Omega$ 1/16w	55-156
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1604 2089	Capacitor - 1.0 $\mu$ F 1/8W $\pm$ 20%	55-159
1605 0237	Capacitor - 0.033 $\mu$ F 25V	55-160
1605 0599	Capacitor - 0.1 $\mu$ F $\pm$ 10%	55-161
1605 0744	Capacitor - EMK212F105Z	55-162
1605 0780	Capacitor - 0.022 $\mu$ F $\pm$ 5% 25V	55-163
1606 0995	Capacitor - 10pF 50V	55-164
1606 1915	Capacitor - 0.0022 $\mu$ F	55-165
1607 0001	Coil - SN-8S-500	55-166
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1630 1101	Resistor - 100 $\Omega$ 1/4W $\pm$ 5%	55-168
1630 2201	Resistor - 200 $\Omega$ $\pm$ 5% 1/8W	55-169
1630 2220	Resistor - 22 $\Omega$ 1/8W $\pm$ 5%	55-170
1630 3102	Resistor - 1K $\Omega$ 1/10W $\pm$ 5%	55-171
1630 3103	Resistor - 10K $\Omega$ 1/10W $\pm$ 5%	55-172
1630 3105	Resistor - 1M $\Omega$ $\pm$ 5% 1/10W	55-173
1630 3151	Resistor - 150 $\Omega$ $\pm$ 5% 1/10W	55-174
1630 3163	Resistor - 16K $\Omega$ $\pm$ 5% 1/10W	55-175
1630 3202	Resistor - 2K $\Omega$ -1/10W	55-176
1630 3220	Resistor - 22 $\Omega$ $\pm$ 5% 1/10W	55-177
1630 3241	Resistor - 240 $\Omega$ 1/10W $\pm$ 5%	55-178
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1630 3330	Resistor - 33 $\Omega$ $\pm$ 5% 1/10W	55-181
1630 3332	Resistor - 3.3K $\Omega$ 1/10W $\pm$ 5%	55-182
1630 3391	Resistor - 390 $\Omega$ 1/10W $\pm$ 5%	55-183
1630 3470	Resistor - 47 $\Omega$ 1/10W $\pm$ 5%	55-184
1630 3471	Resistor - 470 $\Omega$ - 1/10W	55-185

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1630 3514	Resistor - 510K $\Omega$ $\pm$ 5% 1/10W	55-189
1630 3682	Resistor - 6.8k $\Omega$ - 1/10W	55-190
1630 3683	Resistor - 68K $\Omega$ $\pm$ 5% 1/10W	55-191
1630 3824	Resistor - 820K $\Omega$ $\pm$ 5% 1/10W	55-192
1633 0000	Resistor - 0 $\Omega$ 1/10W	55-193
1633 1001	Resistor - 1K $\Omega$ $\pm$ 1% 1/10W	55-194
1633 1501	Resistor - 1.5K $\Omega$ $\pm$ 1% 1/10W	55-195
1633 2200	Resistor:220 $\Omega$ : $\pm$ 1%:1/10w	55-196
1633 2201	Resistor - 2.2 $\Omega$ $\pm$ 1% 1/10W	55-197
1633 2700	Chip Resistor - 270 $\Omega$ 1/10w	55-198
1633 3600	Resistor - 360 $\Omega$ : $\pm$ 1%:1/10w	55-199
1633 3741	Resistor - 3.7K $\Omega$ $\pm$ 5% 1/10W	55-200
1633 3901	Resistor - 3.9 $\Omega$ $\pm$ 1% 1/10W	55-201
1633 5100	Resistor - 510 $\Omega$ $\pm$ 1%1/10W	55-202
1633 6040	Resistor - 604 $\Omega$ $\pm$ 5% 1/10W	55-203
1633 6800	Resistor - 680 $\Omega$ $\pm$ 1% 1/10W	55-204
1633 7500	Resistor - 750 $\Omega$ $\pm$ 5% 1/10W	55-205
1633 8870	Resistor - 887 $\Omega$ $\pm$ 5% 1/10W	55-206
1633 9101	Resistor - 9.1K $\Omega$ 1/10W	55-207
1640 1101	Capacitor - 100 $\mu$ F - $\pm$ 20% 16V	55-208
1640 2470	Capacitor - 47 $\mu$ F $\pm$ 20% 25V	55-209
1640 3101	Capacitor - 100 $\mu$ F $\pm$ 20% 35V	55-210
1640 5100	Capacitor - 10 $\mu$ F +20% 35V	55-211
1644 5479	Capacitor - 4.7 $\mu$ F $\pm$ 20% 50V	55-212
1660 2151	Capacitor - 150pF $\pm$ 20% 35V	55-213
1660 2220	Capacitor - 22pF $\pm$ 20% 35V	55-214
1660 2270	Capacitor - 27pF $\pm$ 20% 35V	55-215
1660 2331	Capacitor - 330pF $\pm$ 5% 50V	55-216
1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	55-217
1660 3101	Capacitor - 100pF 50V	55-218

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1904 0013	SRAM - 256K X8 20NS G2	55-101



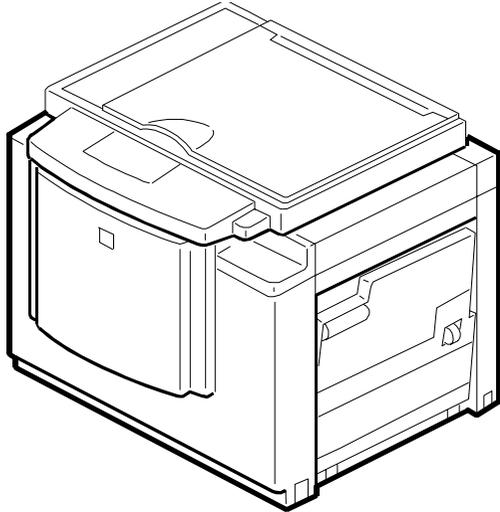
**C237/C248**  
**PARTS LOCATION AND LIST**



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

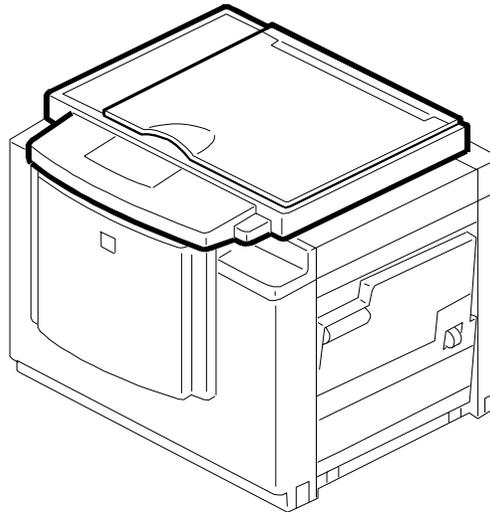
## LOCATIONS OF UNITS

1. Exterior 1 (C237)



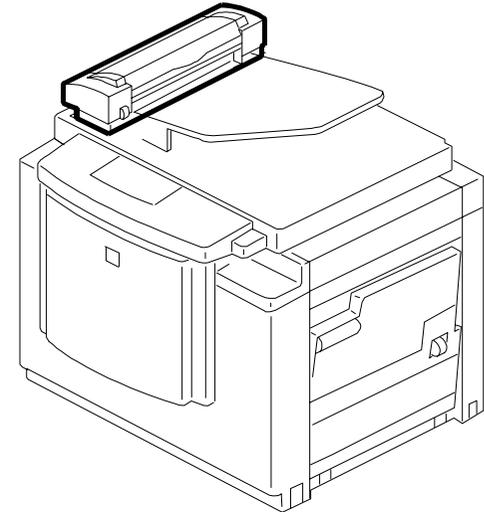
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2. Exterior 2 (C237)



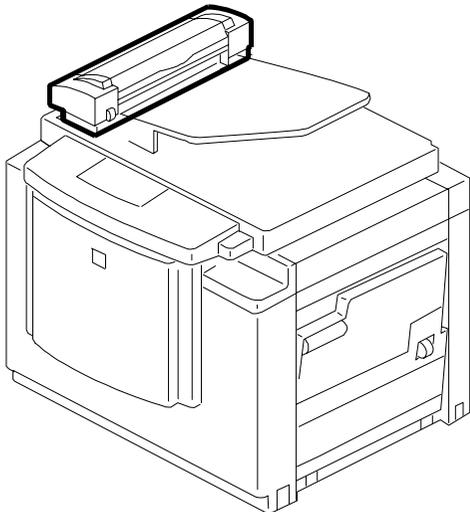
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3. ADF Unit 1 (C237)



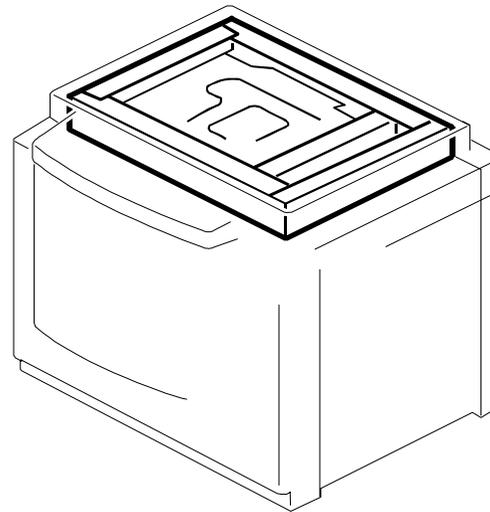
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4. ADF Unit 2 (C237)



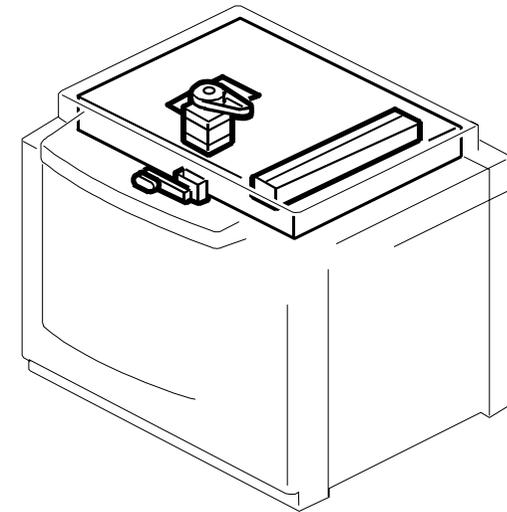
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5. Scanner Section 1 (C237)



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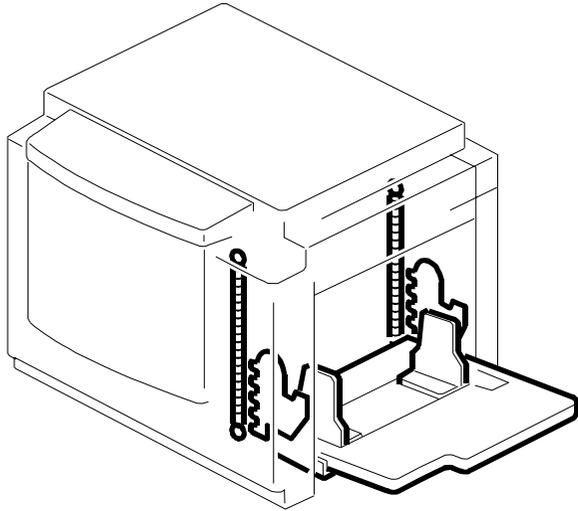
6. Scanner Section 2 (C237)



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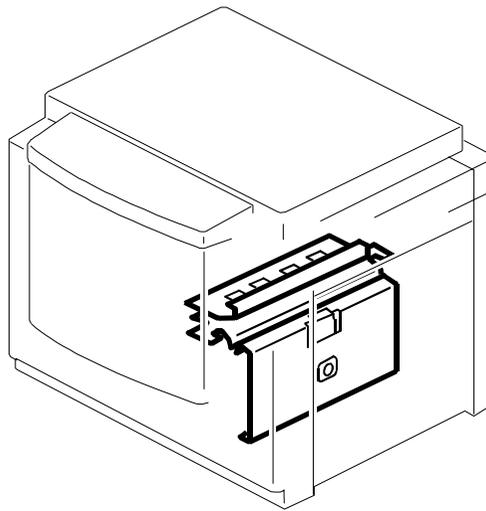
## LOCATIONS OF UNITS

7. Paper Table Section (C237)



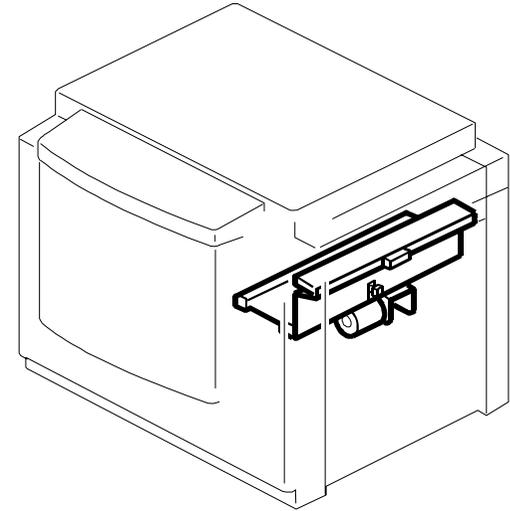
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8. Paper Feed Section (C237)



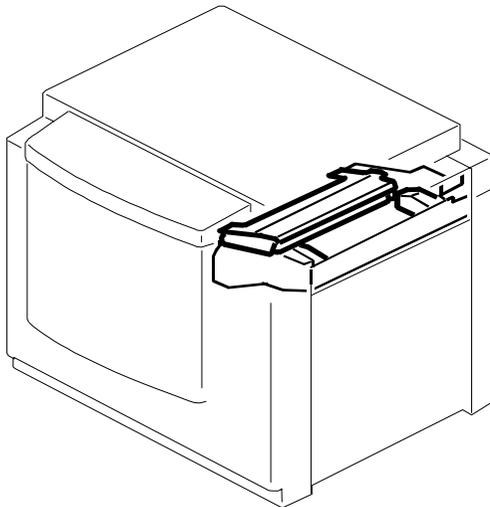
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9. Paper Registration (C237)



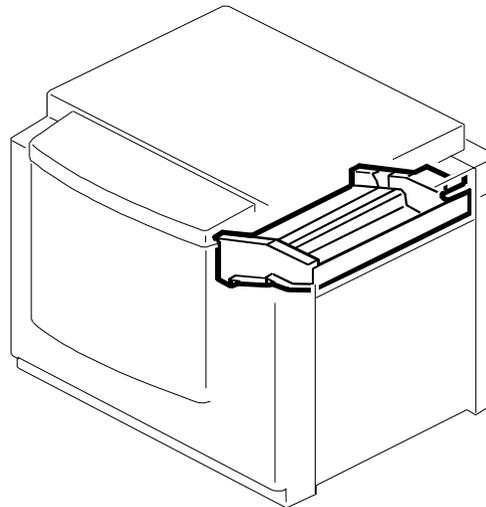
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10. Plotter Unit 1 (C237)



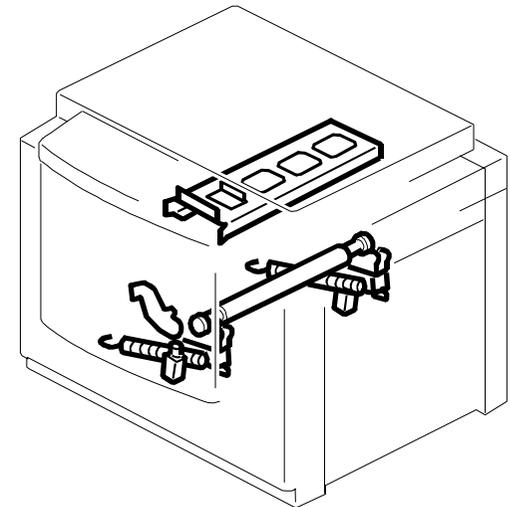
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11. Plotter Unit 2 (C237)



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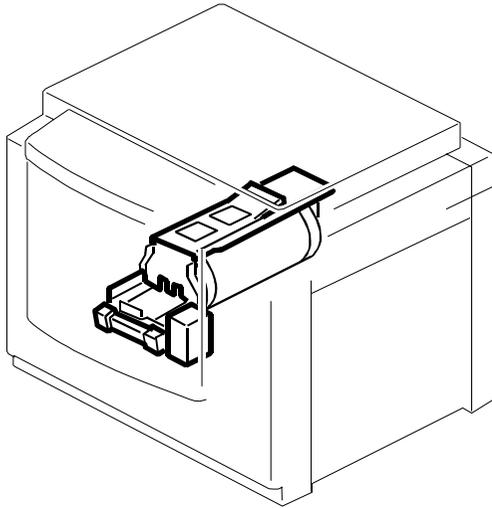
12. Press Roller Section (C237)



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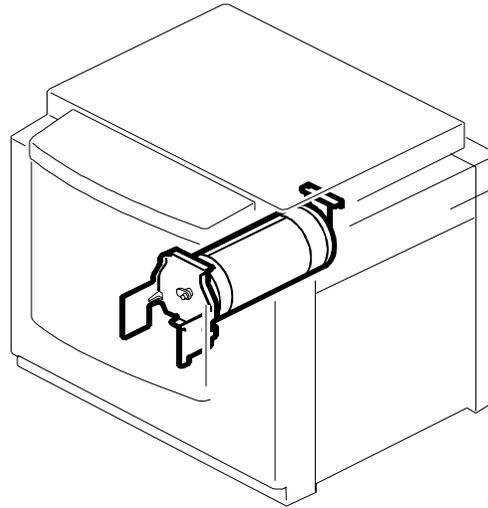
## LOCATIONS OF UNITS

13. Drum Unit 1 (C237)



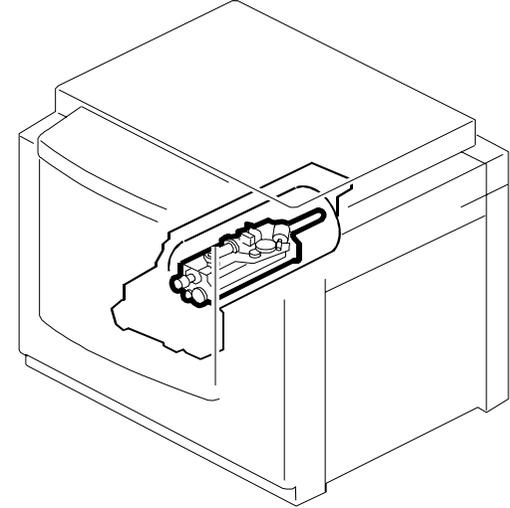
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14. Drum Unit 2 (C237)



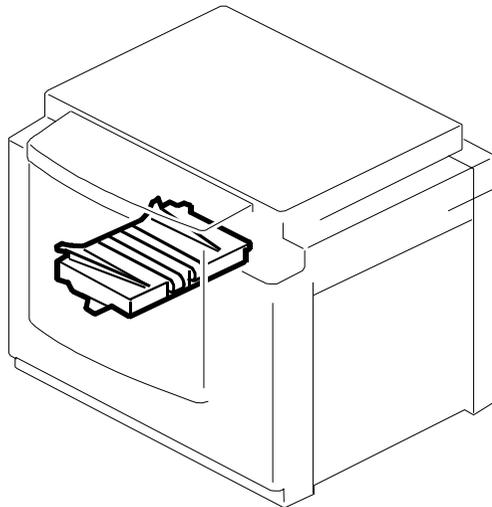
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15. Drum Unit 3 (C237)



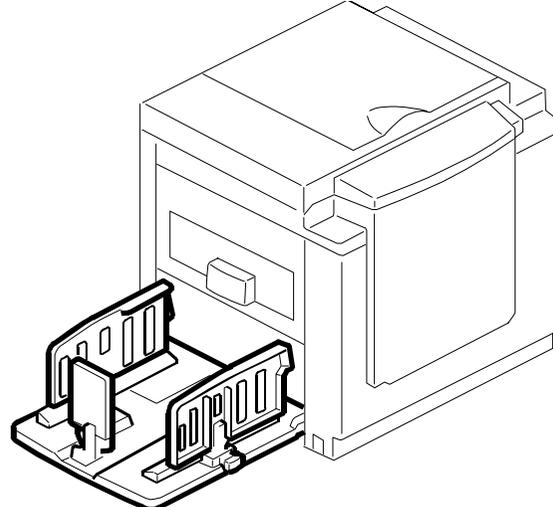
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16. Vacuum Fan Unit (C237)



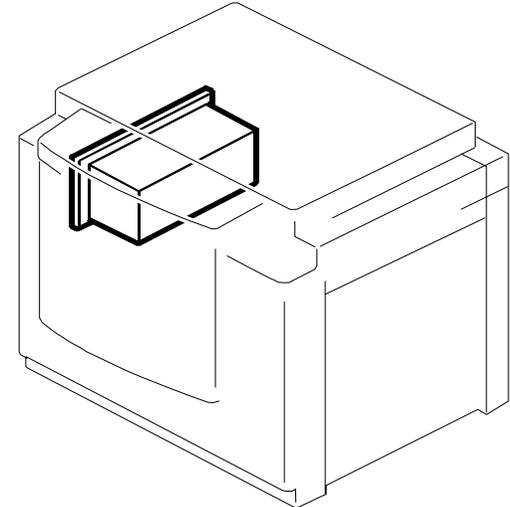
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17. Delivery Table (C237)



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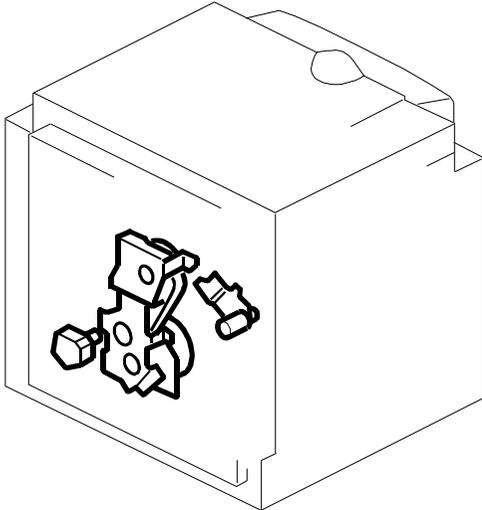
18. Master Eject unit (C237)



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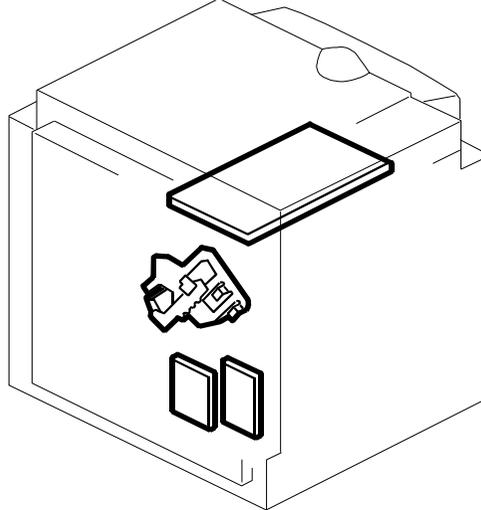
## LOCATIONS OF UNITS

19. Drive Section (C237)



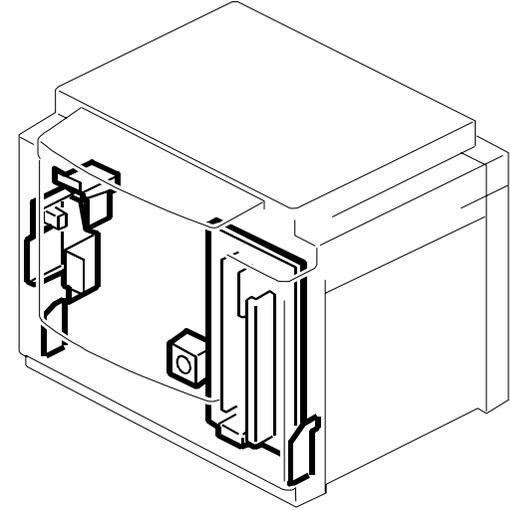
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20. Electrical Section 1 (C237)



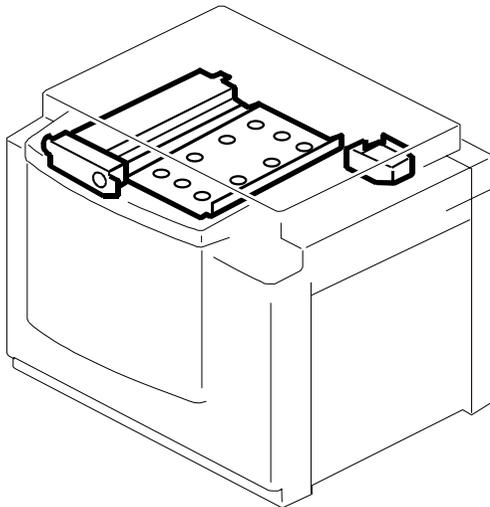
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21. Electrical Section 2 (C237)



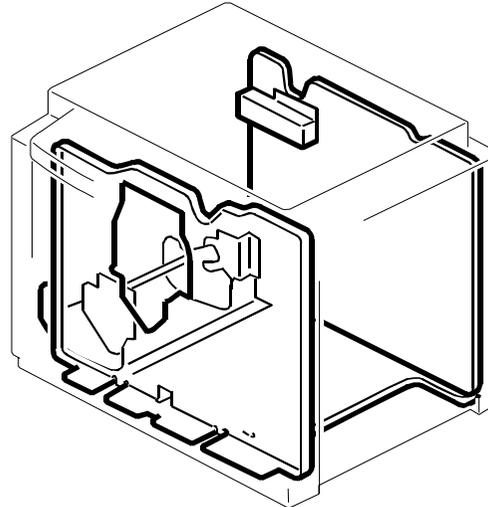
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22. Frame Section 1 (C237)



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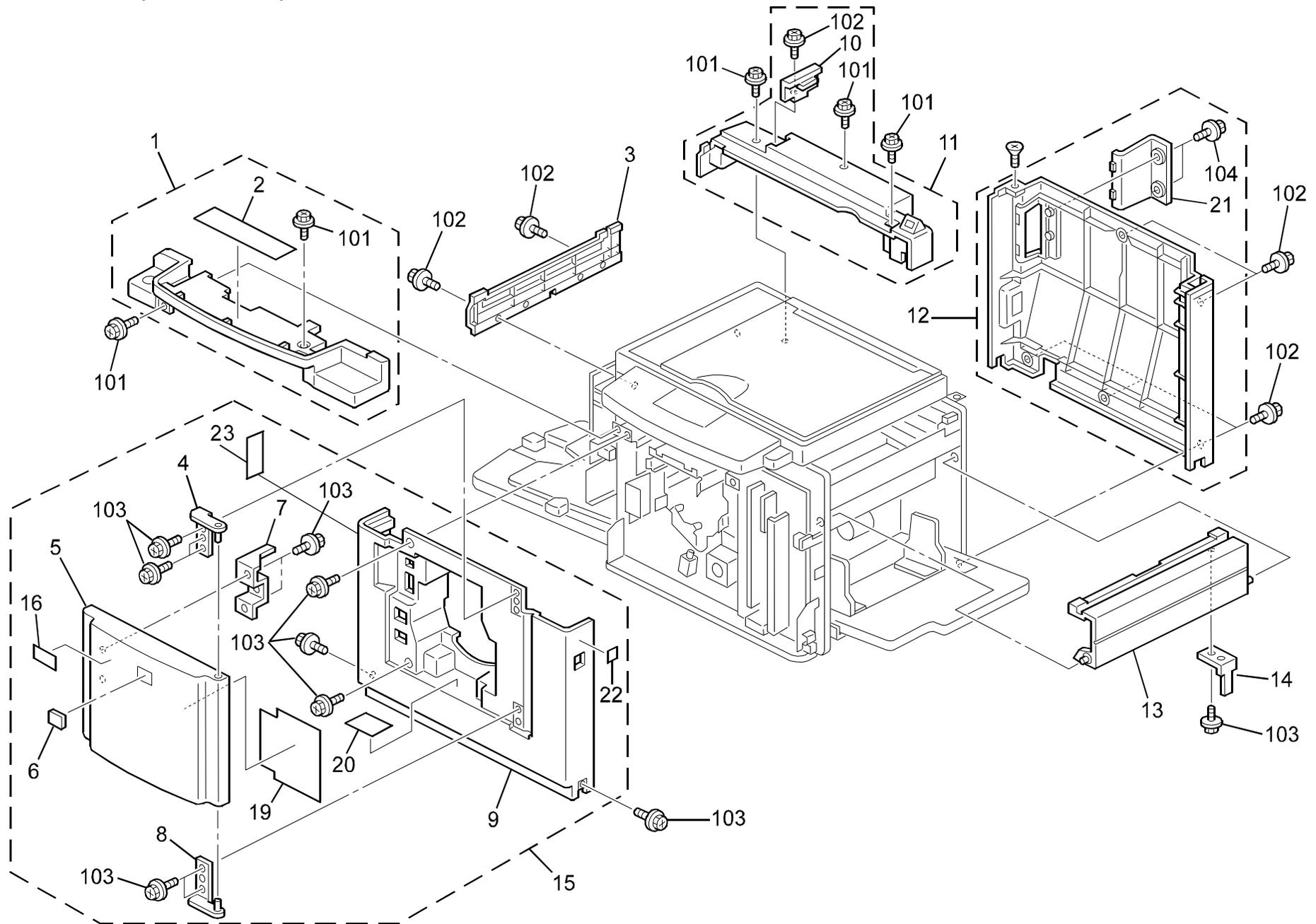
23. Frame Section 2 (C237)



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# 1.Exterior 1 (C237/C248)

Rev. 02/04/2005



# 1.Exterior 1 (C237/C248)

Rev. 02/04/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 1254	Lower Cover - Operation Panel (C237)	1
1	C248 1254	Lower Cover - Operation Panel (C248)	1
2	C237 1303	Decal - Scanner Open (C237)	1
2	C248 1303	Decal - Scanner Open (C248)	1
3	C231 1340	Left Scanner Cover (C237)	1
3	C248 1340	Left Scanner Cover (C248)	1
4	C231 1390	Upper Hinge	1
5	C237 1265	Front Door Ass'y (JP1210) (C237)	1
5	C237 1256	Front Door Ass'y (JP1230) (C237)	1
5	C237 1268	Front Door Ass'y (JP1250) (C237)	1
5	C231 1274	Front Door Ass'y (OEM) (C237)	1
5	C248 1290	Front Door Ass'y (C248)	1
6	C226 2740	Emblem	1
7	C237 1389	Safety Switch Bracket	1
8	C231 1391	Lower Hinge	1
9	C231 1261	Front Cover	1
9	C231 1251	Front Cover (NA) (C237)	1
9	C248 1255	Front Cover (C248)	1
10	C237 1350	Connector Cap (C237)	1
10	C248 1350	Connector Cap (C248)	1
11	C231 1258	Rear Upper Cover (C237)	1
11	C248 1258	Rear Upper Cover Ass'y	1
12	C237 1360	Rear Cover (C237)	1
12	C248 1360	Rear Cover (C248)	1
13	C237 1202	Right Cover Ass'y (C237)	1
13	C248 1202	Right Cover Ass'y (C248)	1
14	C237 1399	Magnet Catch Bracket Ass'y	1
15	C237 1212	Front Cover Ass'y (JP1210) (C237)	1
15	C237 1213	Front Cover Ass'y (JP1250) (C237)	1
15	C237 1217	Front Cover Ass'y (NRG) (C237)	1
15	C237 1216	Front Cover Ass'y (GES/SVN) (C237)	1
15	C237 1224	Front Cover Ass'y (5300)(B4) (C237)	1
15	C237 1218	Front Cover Ass'y (5308b)(B4) (C237)	1
15	C237 1222	Front Cover Ass'y (5308L)(LG) (C237)	1
15	C237 1225	Front Cover Ass'y (STD) (C237)	1

Index No.	Part No.	Description	Q'ty Per Assembly
15	C248 1250	Front Cover Ass'y NA (C248)	1
15	C248 1283	Front Cover Ass'y EU (C248)	1
16	C237 1321	Model Name Plate - 5308L (C237)	1
16	C237 1324	Model Name Plate - 5308 (C237)	1
16	C237 1325	Model Name Plate - 1225 (C237)	1
16	C237 1326	Model Name Plate - CP308 (C237)	1
16	C237 1327	Model Name Plate - 5308b (C237)	1
16	C237 1345	Model Name Plate - SD330 (C237)	1
16	C248 1321	Decal - Emblem 530b+ (C248)	1
16	C248 1322	Decal - Emblem 122B+ (C248)	1
16	C248 1323	Decal - Emblem CP308b+ (C248)	1
16	C248 1324	Decal - Emblem 5308+ (C248)	1
16	C248 1325	Decal - Emblem 1225+ (C248)	1
16	C248 1326	Decal - Emblem CP308+ (C248)	1
16	C248 1327	Decal - Emblem JP1250 (C248)	1
16	C248 1341	Decal - Emblem JP1215 (C248)	1
16	C248 1342	Decal - Emblem 5300 (C248)	1
16	C248 1343	Decal - Emblem JP1255 (C248)	1
16	C248 1344	Decal - Emblem SD350 (C248)	1
17	C231 1387	Magnet Film	1
18	A153 6409	Decal - Keytop Cover (GES)	1
18	C225 2866	Decal - Keytop Cover (REX)	1
18	C225 2867	Decal - Keytop Cover (NSA)	1
19	C237 1301	Ink Supply Sheet	1
20	C231 1302	Decal - Paper Exit Pawl (C237)	1
20	C248 1302	Decal - Paper Exit Pawl (C248)	1
21	C237 1363	Connector Cap (C237)	1
21	C248 1363	Control Cap (C248)	1
22	C229 1354	Decal - Paper Feed (C237)	1
22	C239 1354	Decal Paper Feed (C248)	1
23	C248 1314	Decal - Main Switch CHN (C248)	1
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008H	Tapping Screw - 4x8	
103	0450 4008B	Tapping Screw - 4x8	
104	0450 3008H	Tapping Screw M3x8	



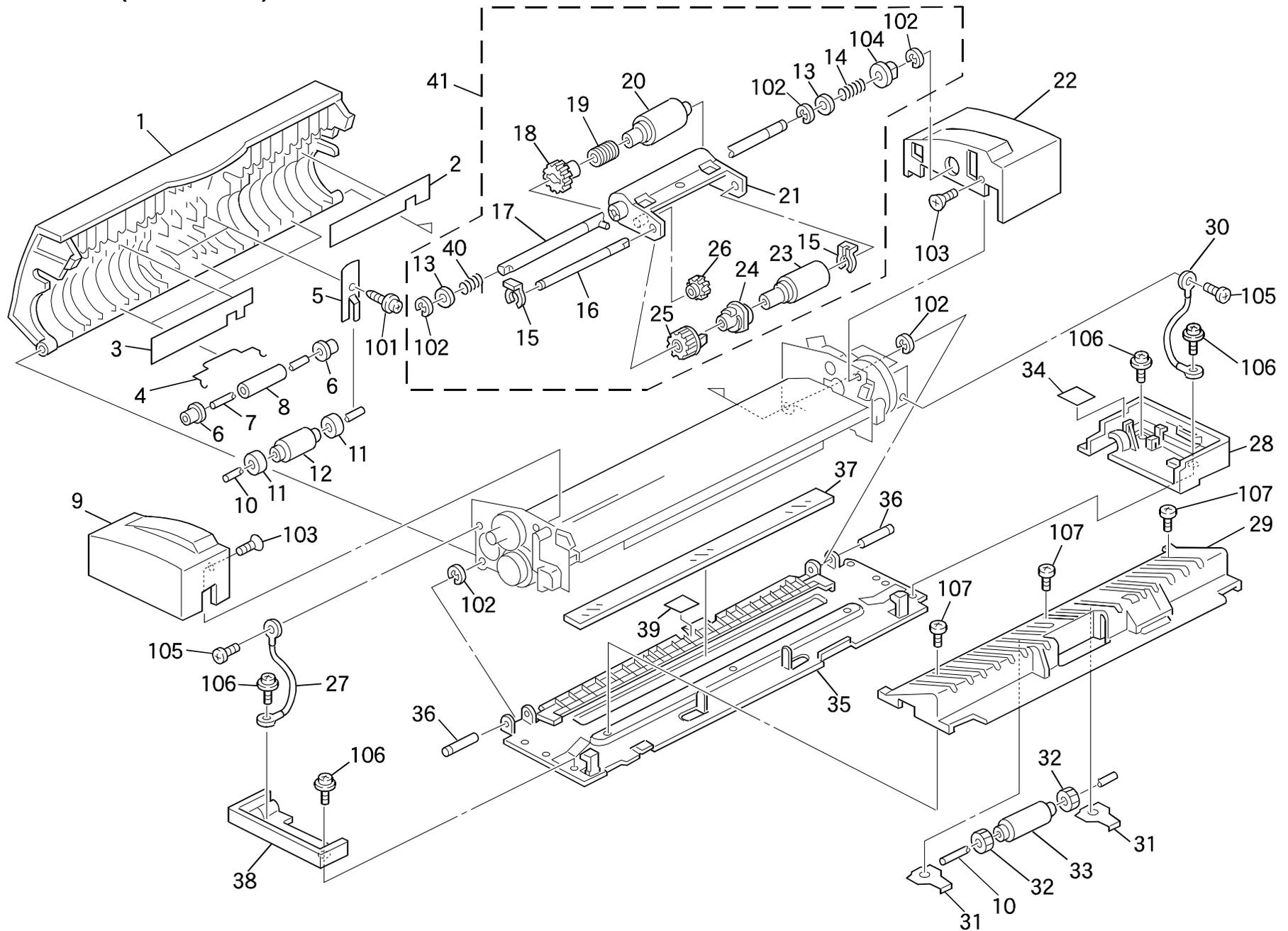
## 2.Exterior 2 (C237/C248)

Rev. 02/07/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 1451	Operation Panel Ass'y (NA) (C237)	1
1	C248 1451	Operation Panel Ass'y (N/A) (C248)	1
1	C237 1452	Operation Panel Ass'y (EU) (C237)	1
1	C248 1452	Operation Panel Ass'y (EU) (C248)	1
1	C248 1455	Operation Panel Ass'y AA (C248)	1
2	C231 1490	Cover - Behind (C237)	1
2	C248 1490	Cover - Behind (C248)	1
3	C237 1491	Key Sheet - Behind (NA) (C237)	1
3	C248 1491	Key Sheet - Behind (N/A) (C248)	1
3	C237 1496	Key Sheet - Behind (EU) (C237)	1
3	C248 1496	Key Sheet - Behind (EU) (C248)	1
4	C226 3302	Adhesive Tape	1
5	C237 1492	Key Sheet - Center (NA) (C237)	1
5	C248 1492	Key Sheet - Center (NA) (C248)	1
5	C231 1497	Key Sheet - Center (EU) (C237)	1
5	C248 1497	Key Sheet - Center (EU) (C248)	1
6	C237 1493	Shield (NA) (C237)	1
6	C248 1493	Continuance Shield (NA) (C248)	1
6	C237 1498	Shield (EU) (C237)	1
6	C248 1498	Continuance Shield (EU) (C248)	1
7	C231 1494	Key Sheet - Start (NA) (C237)	1
7	C248 1494	Key Sheet - Start (NA) (C248)	1
7	C231 1499	Key Sheet - Start (EU) (C237)	1
7	C248 1499	Key Sheet - Start (EU) (C248)	1
8	C231 1495	Key Sheet - Stop (NA) (C237)	1
8	C248 1495	Key Sheet - Stop (NA) (C248)	1
8	C231 1500	Key Sheet - Stop (EU) (C237)	1
8	C248 1500	Key Sheet - Stop (EU) (C248)	1
9	H521 1104	Shading Sheet	1
10	C237 5225	Operation Panel Harness	1
11	H521 1105	Platen Cover Ass'y (C237)	1
11	C248 1675	Platen Cover Ass'y (C248)	1
12	C226 3301	Original Scale (C237)	1
12	C248 1701	Original Scale (C248)	1
13	H521 1124	Scale - Side (C237)	1
13	C248 1705	Scale - Side (C248)	1
14	C226 3336	Connector Cover (C237)	1
14	C248 1731	Connector Cover (C248)	1

Index No.	Part No.	Description	Q'ty Per Assembly
15	H521 1228	Upper Cover (C237)	1
15	C248 1710	Upper Cover (C248)	1
16	H521 1110	Exposure Glass	1
17	C226 3335	ADF Cover (C237)	1
17	C248 1730	ADF Cover (C248)	1
18	C226 3305	Decal - Front Original Set (C237)	1
18	C248 1721	Decal - Front Original Set (C248)	1
19	H521 1356	Cover Sheet (C237)	1
19	C248 1723	Original Tray Sheet (C248)	1
20	H521 1324	Original Guide Cover (C237)	1
20	C248 6104	Original Cap Guide (C248)	1
21	H521 1357	Decal - Original Level (C237)	1
21	C248 6110	Decal - Original Level (C248)	1
22	H521 1323	Rear Guide - Original (C237)	1
22	C248 6103	Rear Guide - Original (C248)	1
23	H521 1322	Front Guide - Original (C237)	1
23	C248 6102	Front Original Guide (C248)	1
24	H521 1325	Original Guide Gear	1
25	H521 1320	Original Table (C237)	1
25	C248 6101	Original Table (C248)	1
26	H521 1359	Decal - Original Table (C237)	1
26	C248 6111	Decal - Original Table (C248)	1
27	H521 1160	Stopper Pressure Plate (C237)	1
27	C248 6060	Pressure Plate Stopper (C248)	1
28	C226 3306	Decal - Rear Original Set (C237)	1
28	C248 1722	Decal - Rear Original Set (C248)	1
29	C237 5125	Operation Panel Board	1
30	C226 3308	Platen Cover Spacer	2
101	0951 3006B	Philips Screw With Flat Washer - M3x6	
102	0353 0060Z	Screw - M3X6	
103	0353 0080Z	Philips Truss Head Screw - M3x8	
104	0343 0100F	Philips Truss Screw - M3x10	
105	0701 0030Z	Flat Washer - M3	
106	0450 3008B	Tapping Screw - M3x8	

### 3.ADF Unit 1 (C237/C248)



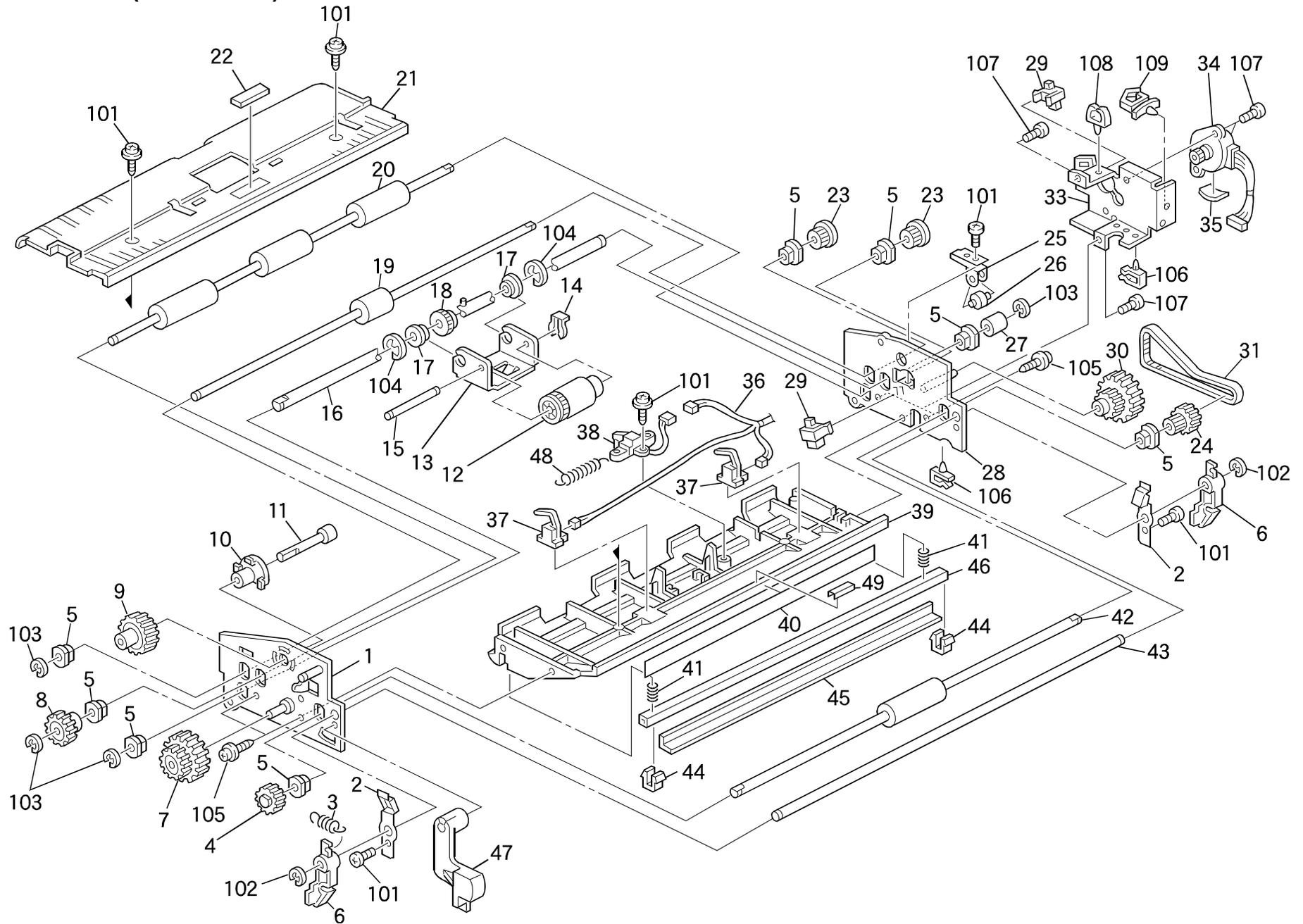
### 3.ADF Unit 1 (C237/C248)

Rev. 02/07/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	H521 1257	Upper Cover - ADF (C237)	1
1	C248 6171	Guide Cover (C248)	1
2	H521 1342	Guide Mylar - Rear	1
3	H521 1334	Guide Mylar - Front	1
4	H521 1304	Spring R1	3
5	H521 1303	Spring Plate - R0	2
6	H521 1354	Collar R1	6
7	H521 1307	Guide Roller Shaft	3
8	H521 1301	Pressure Roller - R1	3
9	H521 1318	Cover - Front (C237)	1
9	C248 6030	Front Cover (C248)	1
10	H521 1306	Guide Roller Shaft	2
11	H521 1348	Collar R0	2
12	H521 1337	Guide Roller R0	1
13	H006 2316	Spacer - Pick-up Clutch	2
14	H521 1314	Spring Clutch - M6 (C237)	1
14	H307 1314	Spring Clutch - M6 (C248)	1
15	H081 3407	Snap Ring - M2.5	2
16	H521 1294	Shaft - Pickup	1
17	H521 1292	Shaft - Feed Roller	1
18	H521 1286	Gear - Feed Roller	1
19	H521 1316	Spring Clutch - M9	1
20	H521 1367	Feed Roller (C237)	1
20	H521 1256	ADF Feed Roller (C248)	1
21	H521 1268	Bracket - Pickup (C237)	1
21	C248 6176	Pickup Bracket (C248)	1
22	H521 1328	Cover - Rear - ADF (C237)	1
22	C248 6031	Rear Cover (C248)	1
23	H521 1366	ADF Pickup Roller (C237)	1
23	H521 1255	ADF Pickup Roller (C248)	1
24	H521 1288	Collar - Pickup	1
25	H521 1287	Gear - Pickup Roller	1
26	H081 1046	Idler Gear - ADF Pick-up Roller	1
27	H521 5332	Grounding Wire - 70	1
28	H521 1330	Cover - Rear/lower - ADF (C237)	1

Index No.	Part No.	Description	Q'ty Per Assembly
28	C248 6033	Lower Rear Cover (C248)	1
29	H521 1259	Guide Plate R2	1
30	H521 5331	Grounding Wire - 125	1
31	H521 1305	Spring Plate R2	2
32	H521 1319	Exit Roller Collar	1
33	H521 1302	Guide Roller R2	1
34	H521 1368	Sheet - Interlock SW.	1
35	H521 1214	Base - ADF (C237)	1
35	C248 6180	Base Ass'y (C248)	1
36	H521 1310	Pin Shaft	2
37	H521 1278	Exposure Glass - ADF Option	1
38	H521 1338	Cover - Front - Lower (C237)	1
38	C248 6032	Lower Front Cover (C248)	1
39	H521 1364	Guide Sheet	1
40	H521 1317	Pressure Spring	1
41	H521 1210	ADF Roller Unit (C237)	1
41	C248 6170	ADF Feeder Unit (C248)	1
101	0802 5230	Tapping Screw - M3x10	
102	0720 0040E	Retaining Ring - M4	
103	0323 0060B	Philips Sunk Screw - M3x6	
104	0805 3386	Bushing - 8mm	
105	0313 0030B	Philips Pan Head Screw - M3x3	
106	0951 3006B	Philips Screw With Flat Washer - M3x6	
107	0313 0060B	Philips Pan Head Screw - M3X6	

# 4.ADF Unit 2 (C237/C248)



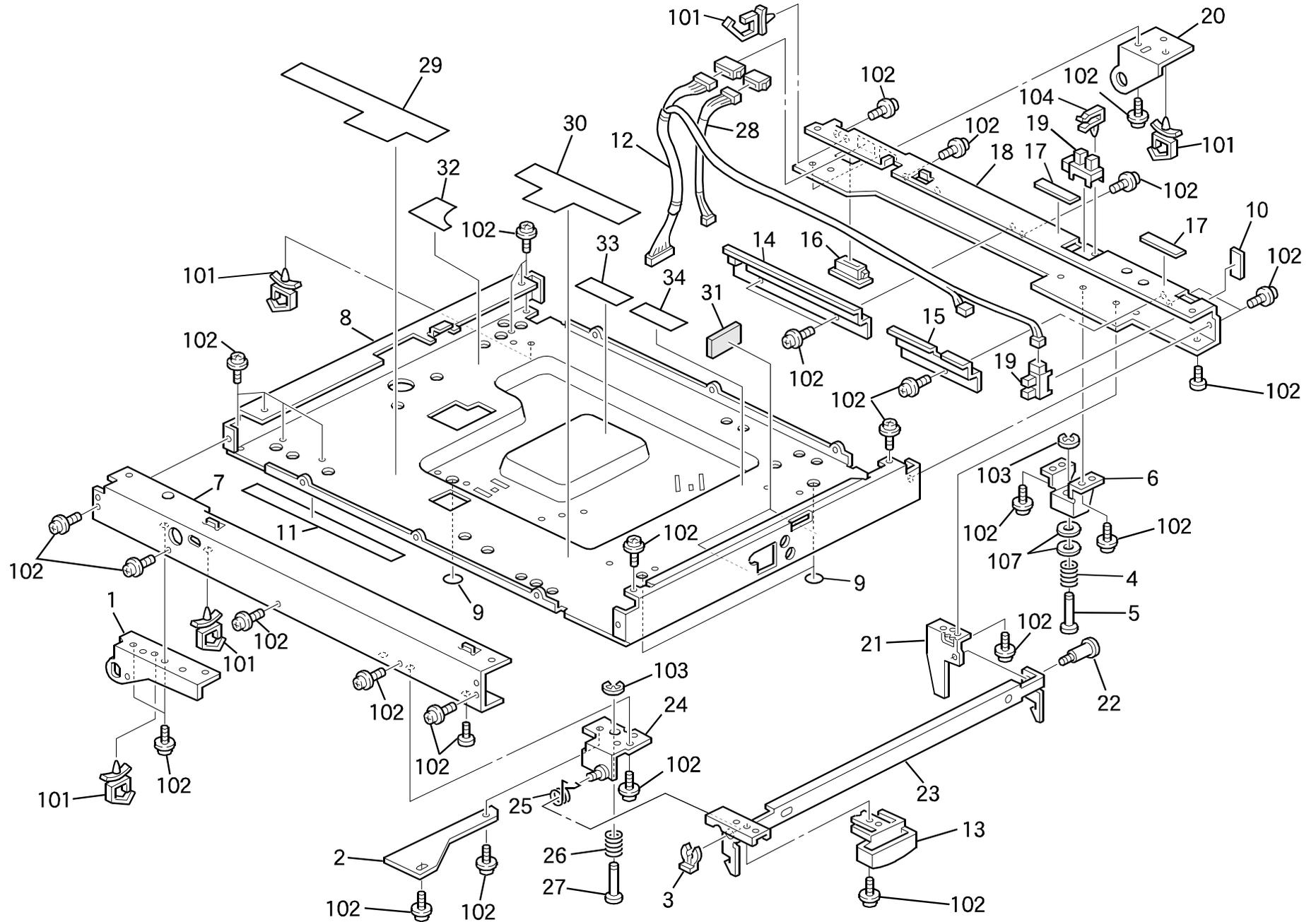
#### 4.ADF Unit 2 (C237/C248)

Rev. 02/07/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	H521 1261	Front Side Plate	1
2	H521 1308	Lock Spring	2
3	H521 1336	Lock Spring	1
4	H521 1281	R2 Drive Gear	1
5	H521 1311	Bushing	8
6	H521 1297	Lock Lever (C237)	2
6	C248 6173	Lock Lever (C248)	2
7	H521 1282	Joint Gear	1
8	H521 1283	Front Drive Gear - Reverse	1
9	H521 1284	Front Drive Gear - Feed	1
10	H521 1290	Bushing	1
11	H521 1293	Joint Shaft (C237)	1
11	H306 1329	Joint Shaft (C248)	1
12	H521 1372	Reverse Roller	1
13	H521 1374	Bracket - Reverse	1
14	H081 3407	Snap Ring - M2.5	1
15	H521 1295	Shaft - Separation Roller	1
16	H521 1276	Shaft - Separation Unit	1
17	H521 1296	Bushing	2
18	H521 1285	Middle Drive Gear - Reverse	1
19	H521 1250	R0 Roller	1
20	H521 1251	R1 Roller	1
21	H521 1258	Separation Guide (C237)	1
21	C248 6172	Separation Guide (C248)	1
22	H521 1350	Pad - Pick-up	1
23	H521 1280	Pulley R1	2
24	H521 1340	Pulley R2	1
25	H521 1300	Spring Plate	1
26	H081 1065	Timing Belt - Idler 2	1
27	H521 1335	Bushing - 8x10mm	1
28	H521 1264	Rear Side Plate	1
29	H515 5018	Cover Switch - Fusing Exit	1
30	H521 1279	Joint Gear	1
31	H521 1309	Timing Belt	1
33	H521 1267	Motor Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
34	H521 5010	Scanner Motor - ADF	1
35	H521 1358	Motor Cushion	1
36	H521 5336	Harness - ADF - L	1
37	H521 5011	Document Sensor - S1/S3	2
38	H521 5012	Document Sensor - S2	1
39	H521 1254	Lower Guide Plate	1
40	H521 1331	Antistatic Brush	1
41	H521 1341	Pressure Spring (C237)	2
41	H521 1376	Pressure Spring (C248)	2
42	H521 1252	R2 Roller	1
43	H521 1299	Lock Shaft	1
44	H521 1312	Pressure Shaft Holder (C237)	2
44	H521 1375	Pressure Shaft Holder (C248)	2
45	C575 3420	Standard White Sheet	1
46	H521 1289	Pressure Plate	1
47	H521 1321	Release Lever (C237)	1
47	C248 6174	Release Lever (C248)	1
48	H521 1360	Spring (C237)	1
48	H521 1313	Spring (C248)	1
49	H521 1365	Antistatic Brush	1
101	0802 5205	Tapping Screw - M3x6	
102	0720 0040E	Retaining Ring - M4	
103	0720 0060E	Retaining Ring - M6	
104	0720 0070E	Retaining Ring - M7	
105	0802 5206	Tapping Screw - M3x8	
106	1105 0283	Clamp	
107	0313 0030B	Philips Pan Head Screw - M3x3	
108	1105 0153	Clamp	
109	1105 0260	Wire Saddle	

# 5.Scanner Section 1 (C237/C248)

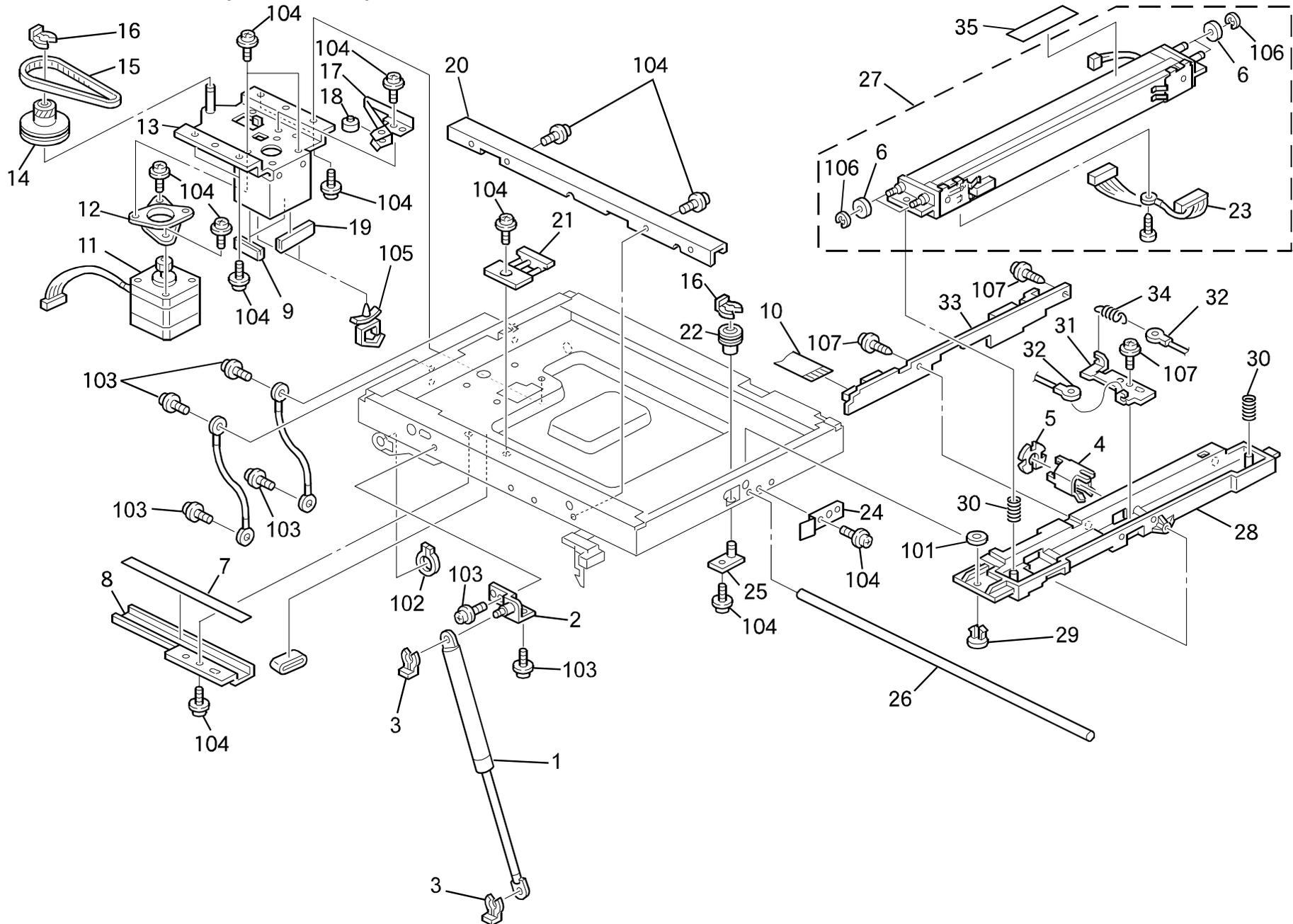


## 5.Scanner Section 1 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 1711	Front Bracket	1
2	C226 3309	Cover Bracket	1
3	H006 2383	Snap Ring	1
4	H521 1101	Spring - Center	2
5	H521 1115	Pin - CTM	2
6	H521 1112	Bracket - Center	2
7	H521 1162	Base - Front	1
8	H521 1058	Base - Main	1
9	H521 1197	Scanner Seal	2
10	H522 1100	Sensor Guide	1
11	H521 1170	Sheet - Flexible Board - 3	1
12	C237 5228	Harness - ADF	1
13	H521 1099	Handle - Lock - Lever	1
14	H521 1130	Bracket - Harness - 1	1
15	H521 1132	Bracket - Harness - 2	1
16	H004 3755	Square Bushing	1
17	C226 3311	Cover Spacer - Original Tray	2
18	H521 1117	Base - Rear	1
19	AW02 0021	Photointerruptor - 175487-3	2
20	H521 1089	Fulcrum - Scanner Unit - Rear	1
21	C231 1652	Rear Lock Lever Bracket	1
22	C226 3026	Rear Lever Lock Pin	1
23	C226 3018	Lock Lever Ass'y	1
24	H521 1090	Bracket - Lock Lever - Front	1
25	H521 1096	Spring - Lock Lever	1
26	H521 1100	Spring - CTM	1
27	H521 1144	Pin - CTM - Long	1
28	C237 5216	Harness - ADF Motor	1
29	H521 1189	Sheet - Flexible Board - 1	1
30	H521 1196	Sheet - Flexible Board - 4	1
31	H521 1177	Sponge - Base	2
32	C231 1663	Insulating Sheet - Left	1
33	C231 1662	Insulating Sheet - Middle	1
34	C231 1661	Insulating Sheet - Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0310	Harness Clamp - LWS-1S	
102	0951 3006B	Philips Screw With Flat Washer - M3x6	
103	0720 0030E	Retaining Ring - M3	
104	1105 0283	Clamp	
105	0951 3006Z	Philips Screw With Flat Washer - M3	
106	0353 0050Z	Philips Truss Head Screw - M3x5	
107	0701 0040Z	Flat Washer - M4	

## 6.Scanner Section 2 (C237/C248)



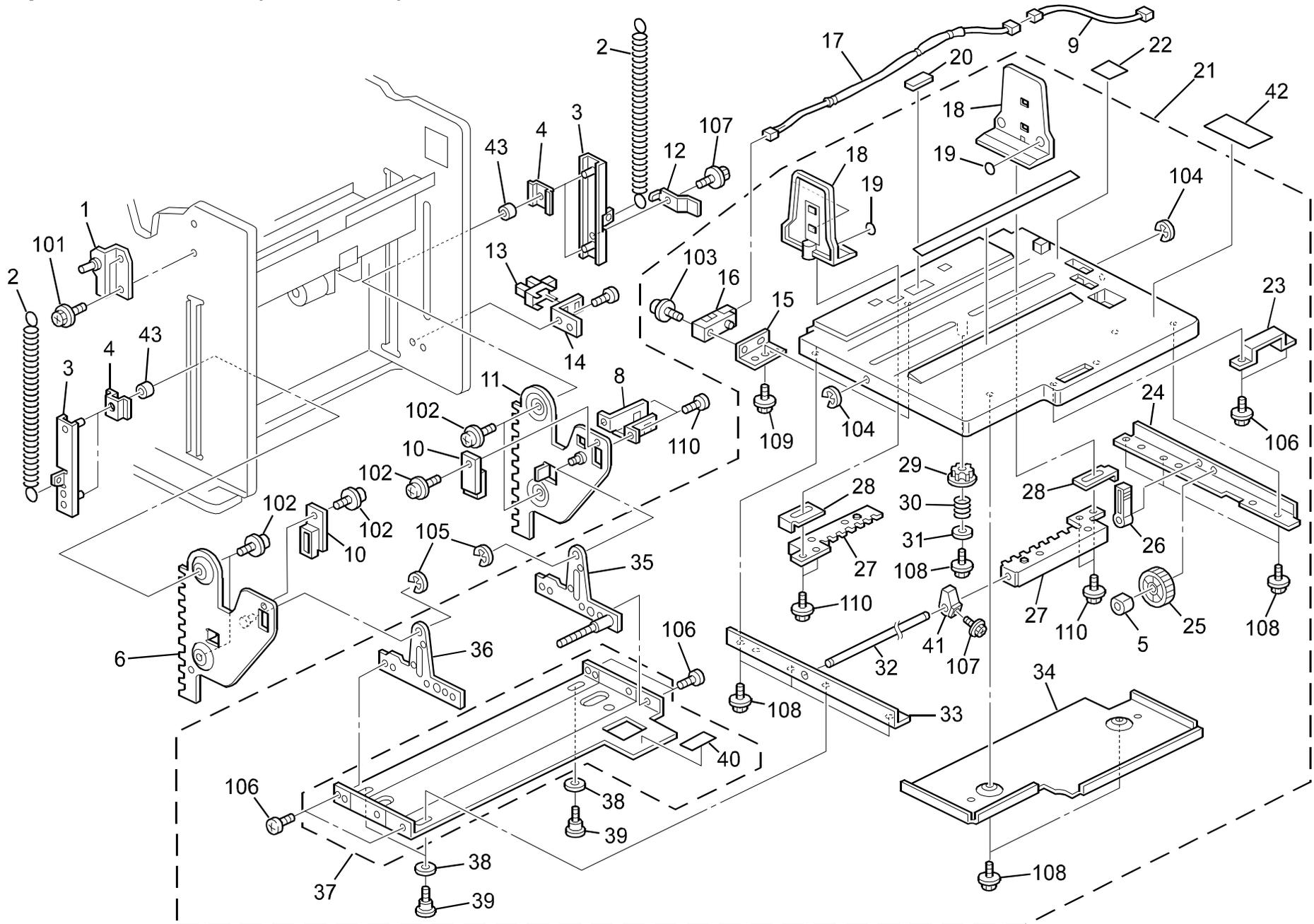
## 6.Scanner Section 2 (C237/C248)

Rev. 08/24/2001

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 1656	Gas Spring	1
2	C237 1655	Upper Bracket	1
3	5215 2621	Snap Ring - M6	1
4	H521 1222	Holder - Sponge	1
5	H521 1221	Sponge - Shaft - Scanner	1
6	H521 1121	Roller	2
7	H521 1169	Sheet - Flexible Board - 2	1
8	H521 1072	Bracket - Flat Cable Holder	1
9	C226 3332	Edging - Small	2
10	C226 3340	Xenon Lamp Harness	1
11	C237 5004	Scanner Motor	1
12	H522 1150	Cushion - Scanner Motor	1
13	H522 1064	Motor Bracket	1
14	H521 1081	Pulley - Scanner	1
15	H521 1074	Timing Belt	1
16	H006 2383	Snap Ring	2
17	H521 1071	Spring Plate	1
18	H081 1065	Timing Belt - IDLER 2	1
19	C226 3331	Edging - Long	1
20	H521 1062	Rail - Scanner	1
21	H521 1069	Holder - Flat Cable	1
22	H521 1078	Pulley - Scanner	1
23	H521 5305	Sensor Harness	1
24	H521 1127	Scanner Shaft Stopper	1
25	H521 1075	Bracket - Pulley - Scanner	1
26	H521 1061	Shaft - Slider	1
27	C226 3320	Contact Image Sensor - B4	1
28	H521 1050	Carriage - Scanner	1
29	H521 1054	Slider - Carriage	1
30	H521 1057	Spring - Image Sensor	2
31	H521 1122	Bracket - Wire	1
32	H521 1079	Wire - Scanner Drive	1
33	H521 5001	Lamp Stabilizer	1
34	H521 1080	Spring - Wire	1
35	C237 1661	Insulating Sheet - Scanner Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0807 2071	Washer - 3.1x7x0.2mm	
102	0725 0100E	Retaining Ring C - M10	
103	0451 3006B	Tapping Screw - M3x6	
104	0951 3006B	Philips Screw With Flat Washer - M3x6	
105	1105 0310	Harness Clamp - LWS-1S	
106	0720 0030E	Retaining Ring - M3	
107	0802 5205	Tapping Screw - M3x6	

# 7.Paper Table Section (C237/C248)



## 7.Paper Table Section (C237/C248)

Rev. 02/07/2005

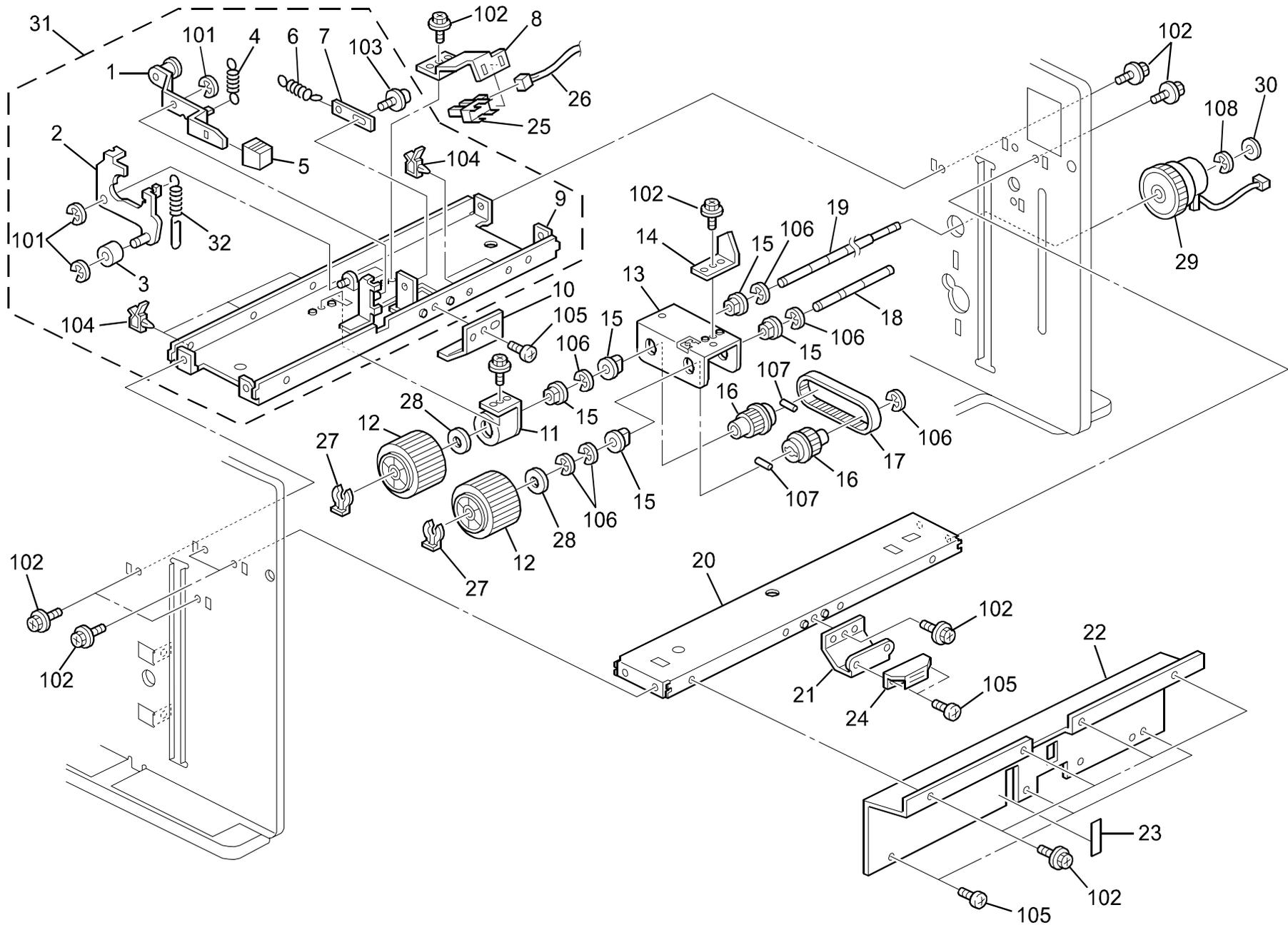
Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 6017	Front Lock Bracket	1
2	C231 2810	Paper Table Spring	2
3	C231 2800	Paper Table Lift Bracket	2
4	C231 2805	Table Lift Slider	4
5	C231 2965	Core	1
6	C237 2790	Front Paper Table Rack	1
7	C231 5229	Paper Feed Harness	1
8	C231 2794	Sensor Actuator	1
9	C231 5227	Relay Harness	
10	C231 2815	Rack Spacer	2
11	C231 2796	Rear Paper Table Rack	1
12	C231 2806	Table Position Feeler	1
13	AW02 0075	Photointerruptor	1
14	C231 2825	Sensor Bracket	1
15	C231 2986	Sensor Bracket	1
16	AW01 0076	Photosensor - PS-117D1	1
17	C231 5260	Relay Harness	1
18	C231 2980	Side Fence (C237)	1
18	C248 2980	Side Fence (C248)	1
19	C201 5015	Seal - M10	1
20	C229 2840	Pad	1
21	C231 2700	Paper Feed Tray Ass'y (C237)	1
21	C248 2700	Paper Feed Tray Ass'y (C248)	1
22	C231 2997	Decal - Paper Level (C237)	1
22	C248 2995	Decal - Side Fence (C248)	1
23	C231 2990	Magnet Catch Holder	1
24	C231 2952	Rear Stay	1
25	C231 2964	Table Adjuster (C237)	1
25	C238 2964	Tray Adjuster (C248)	1
26	C231 2973	Lock Knob (C237)	1
26	C238 2973	Lock Knob (C248)	1
27	C231 2981	Side Fence Lock	1
28	C231 2983	Spacer	1
29	C231 2975	Original Guide Gear	1
30	C231 2985	Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
31	C209 6168	End Fence Washer	1
32	C231 2970	Lock Shaft	1
33	C231 2951	Front Stay	1
34	C231 2956	Base Cover	1
35	C231 2961	Rear Arm	1
36	C231 2960	Front Arm	1
37	C231 2947	Base Ass'y (C237)	1
37	C248 2947	Base Ass'y (C248)	1
38	C231 2976	Washer	3
39	5219 1957	Stepped Screw - M4	1
40	C231 2997	Decal - Paper Level (C237)	1
40	C248 2997	Decal - Paper Level (C248)	1
41	C231 2971	Lock Cam	1
42	C231 2996	Decal - Paper Set (C237)	1
42	C248 2996	Decal - Paper Set (C248)	1
43	5606 2310	Roller	2
101	0451 4006B	Tapping Screw - 4x6	
102	0951 4006Z	Philips Screw With Flat Washer - M4	
103	0951 3012Z	Philips Screw With Flat Washer - M3x12	
104	0720 0060E	Retaining Ring - M6	
105	0720 0040E	Retaining Ring - M4	
106	0801 1004	Screw - M4X4	
107	0451 3006B	Tapping Screw - M3x6	
108	0450 4008B	Tapping Screw - 4x8	
109	0450 4006B	Tapping Screw - 4x6	
110	0450 3006B	Tapping Screw - M3x6	
111	0450 3008B	Tapping Screw - M3x8	
112	0960 4008Z	Flange Head Screw - 4x8	
113	0951 4005Z	Philips Screw With Flat Washer - M4x5	





# 9. Paper Registration (C237/C248)



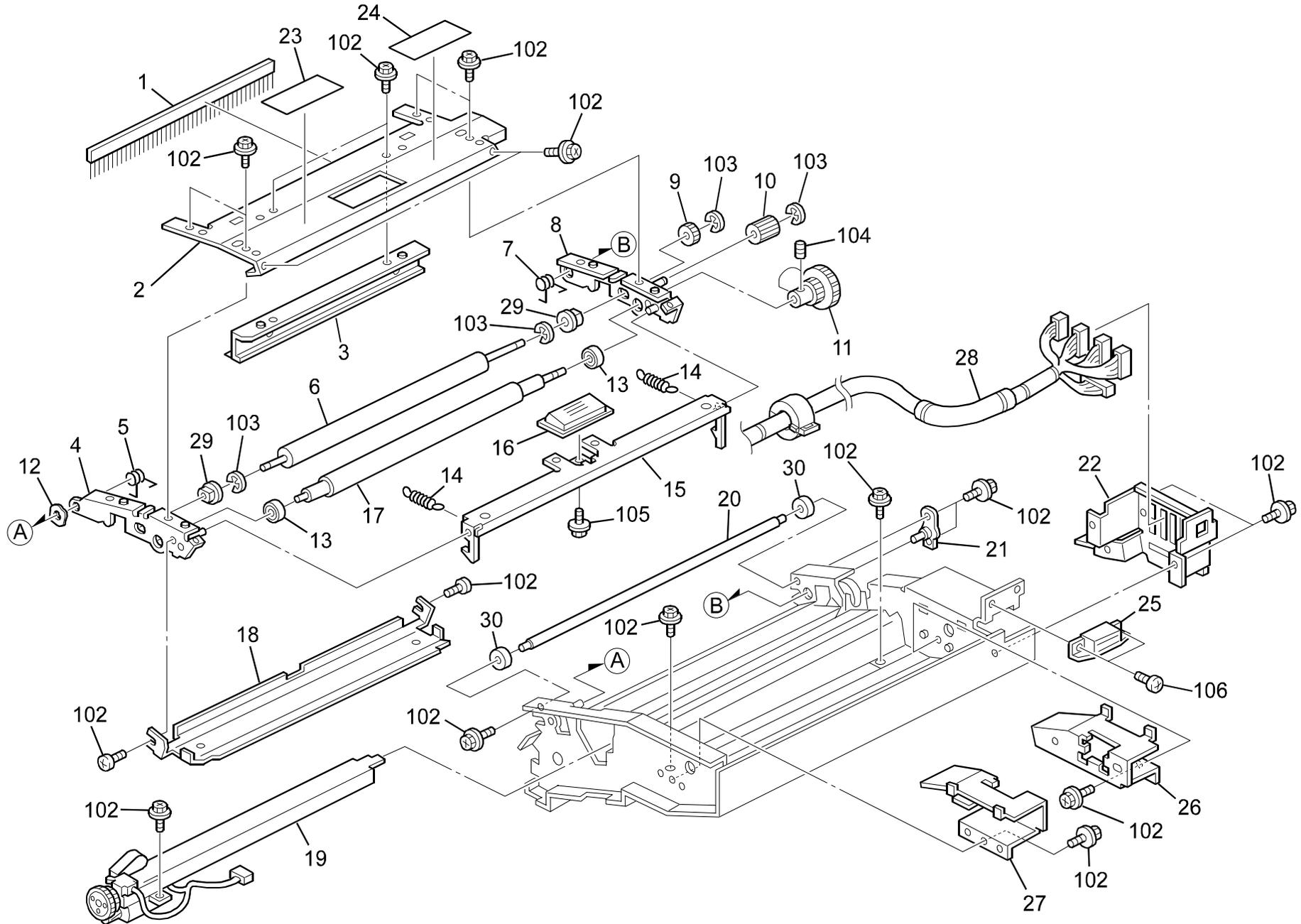
## 9.Paper Registration (C237/C248)

Rev. 02/07/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2858	Paper Feed Lever (C237)	1
1	C237 2916	Paper Feed Lever (C248)	1
2	C231 2856	Paper Pressure Plate	1
3	C231 2922	Pressure Roller	1
4	C231 2918	Spring - Paper Feed Lever	1
5	C231 2938	Lever Knob (C237)	1
5	C248 2932	Lever Knob (C248)	1
6	C231 2917	Spring - Paper Feed Pressure	1
7	C231 2936	Spring Anchor	1
8	C231 2908	Sensor Bracket	1
9	C231 2907	Paper Feed Stay	1
10	C231 2851	Arm Stopper	1
11	C231 2865	Arm Retainer	1
12	C231 2836	Paper Feed Roller	2
13	C231 2850	Feed Arm	1
14	C237 2820	Feed Roller Position Feeler	1
15	5053 0419	Bushing - 10mm	5
16	C231 2847	Pulley	2
17	C231 2860	Feed Timing Belt	1
18	C231 2845	Roller Shaft	1
19	C237 2841	Reverse Roller Shaft	1
20	C231 1991	Right Plotter Stay	1
21	C231 2991	Magnet Catch Bracket	1
22	C231 2939	Stay Cover	1
23	C237 2937	Decal - Paper Feed Pressure (C237)	1
23	C248 2937	Decal - Paper Feed Pressure (C248)	1
24	5054 0536	Magnet Catch Ass'y (C237)	1
24	C237 2150	Magnet Catch Ass'y (C2487)	1
25	AW02 0075	Photointerruptor	1
26	C231 5266	Paper Table Relay Harness	1
27	C209 3133	Retaining Ring - M6	2
28	5600 1086	Spacer - 10.2 X 20	2
29	C237 5879	Paper Feed Magnetic Clutch	1
30	C237 2844	Bushing - 8mm	1
31	C231 2932	Paper Feed Stay Ass'y (C237)	1

Index No.	Part No.	Description	Q'ty Per Assembly
31	C248 2902	Paper Feed Stay Ass'y (C248)	1
32	C231 2852	Spring	1
101	0720 0040E	Retaining Ring - M4	
102	0451 4006B	Tapping Screw - 4x6	
103	0951 3006Z	Philips Screw With Flat Washer - M3	
104	1105 0283	Clamp	
105	0801 1004	Screw - M4X4	
106	0720 0080E	Retaining Ring - M8	
107	0633 0160G	Parallel Pin - 3x16mm	
108	0720 0060E	Retaining Ring - M6	

# 10. Plotter Unit 1 (C237/C248)

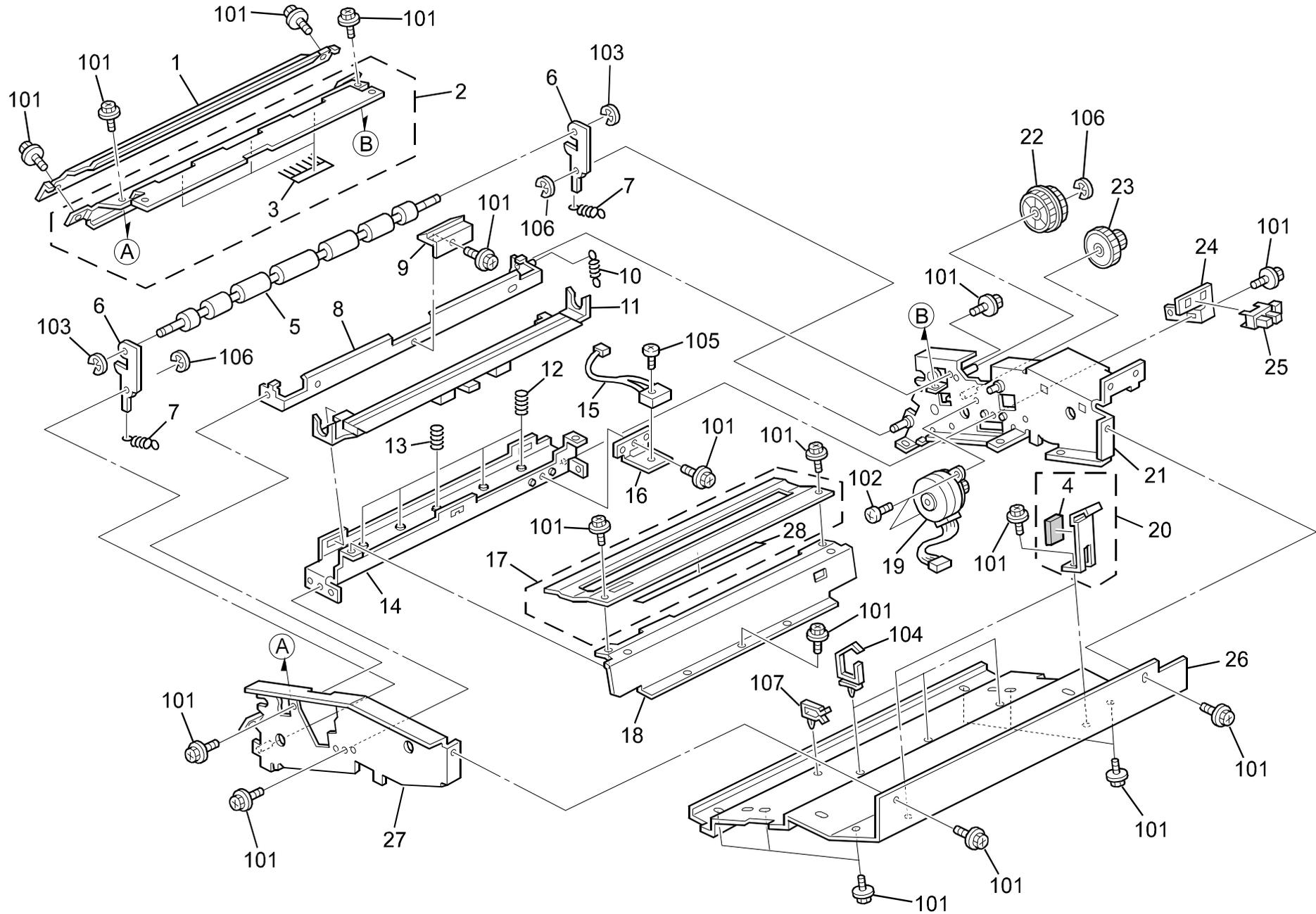


## 10. Plotter Unit 1 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 2281	Antistatic Brush Ass'y	1
2	C231 2044	Plotter Cover Ass'y	1
3	C231 2046	Tension Roller Guide	1
4	C231 2040	Front Release Plate	1
5	C231 1961	Front Spring	1
6	C237 2113	Tension Roller - A4	1
6	C237 2112	Tension Roller - B4	1
7	C231 1962	Rear Spring	1
8	C231 2030	Rear Release Plate	1
9	C231 2148	Tension Roller Gear	1
10	C231 2147	Idler Gear	1
11	C231 2146	Platen Roller Gear	1
12	C217 5102	Spring Washer	1
13	C231 2106	Ball Bearing - 6x13.5	2
14	C231 2039	Lock Lever Spring	2
15	C231 2036	Plotter Release Lever	1
16	C231 2037	Release Lever Knob	1
17	C237 2105	Platen Roller - A4	1
17	C237 2104	Platen Roller - B4	1
18	C231 2108	Lower Platen Cover	1
19	C231 2271	Cutter Unit	1
20	C231 1955	Joint Stay	1
21	C231 1950	Joint Pin	1
22	C231 2275	Connector Bracket	1
23	C231 1971	Left Decal - Plotter Cover	1
24	C231 1972	Right Decal - Plotter Cover	1
25	AG07 0004	Magnetic Catch	1
26	C237 2211	Rear Master Holder - A4/LG	1
26	C237 2210	Rear Master Holder - B4	1
27	C231 2221	Front Master Holder - A4/LG	1
27	C231 2220	Front Master Holder - B4	1
28	C231 5240	Plotter Harness	1
29	H012 1181	Bushing- 6mm	2
30	C231 1956	Plotter Base Cover	2

Index No.	Part No.	Description	Q'ty Per Assembly
102	0451 3006B	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0574 0040E	Hexagon Headless Set Screw - M4x4	
105	0450 3006B	Tapping Screw - M3x6	
106	0951 3014Z	Philips Screw With Flat Washer - M3x14	

# 11. Plotter Unit 2 (C237/C248)



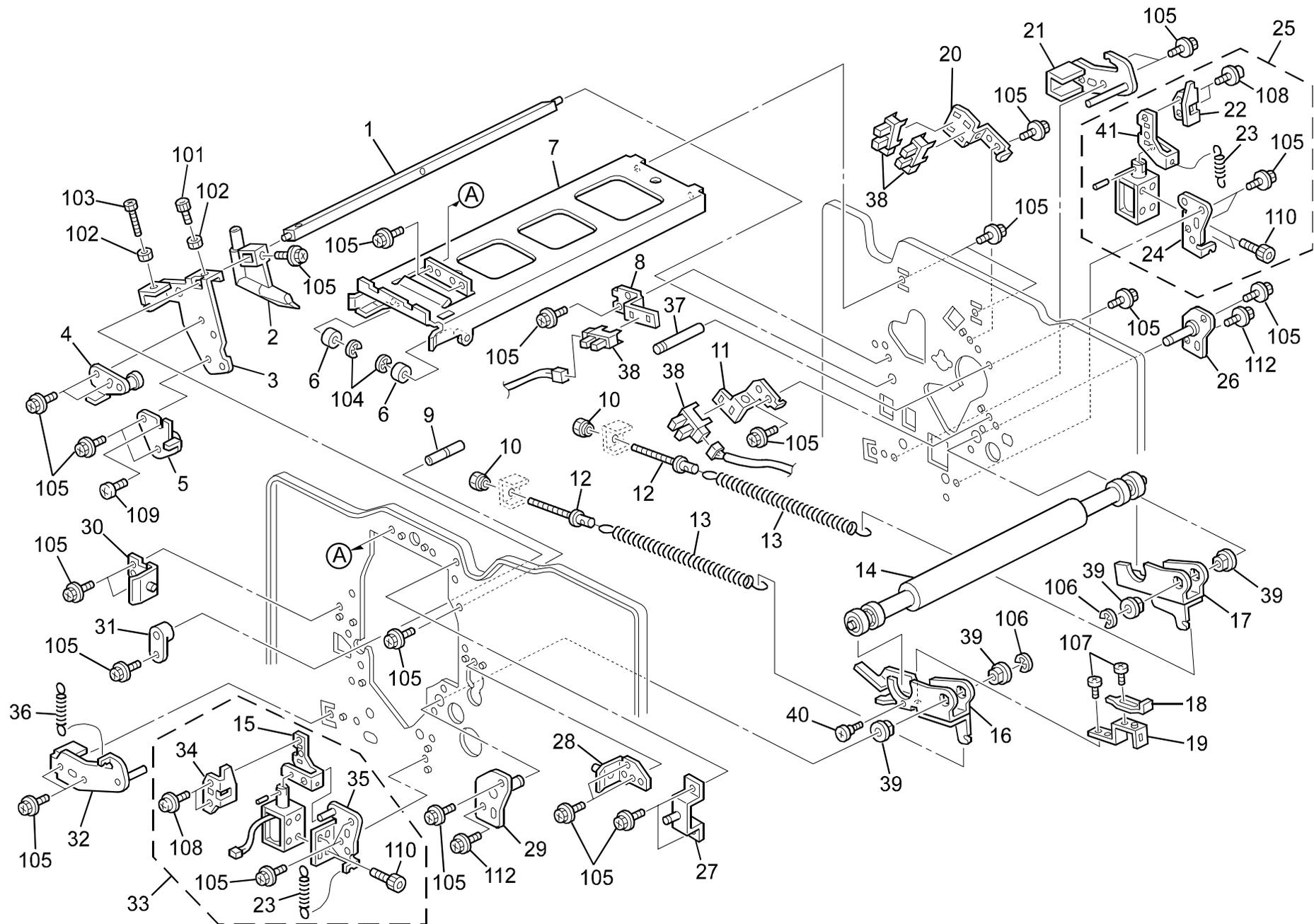
## 11.Plotter Unit 2 (C237/C248)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2085	Upper Guide Plate C237)	1
1	C237 2085	Upper Guide Plate (C248)	
2	C237 2082	Lower Guide Plate Ass'y	1
3	C237 2283	Antistatic Brush	3
4	C231 2234	Brake Pad	1
5	C237 2076	Brake Roller (C237)	1
5	C237 2077	Brake Roller (C248)	1
6	C237 2063	Brake Lever	2
7	C231 2065	Brake Roller Spring (C237)	2
7	C237 2065	Brake Roller Spring (C248)	2
8	C231 2052	Master Position Plate	1
9	C231 2055	Master Edge Position Bracket (C237)	1
9	C248 2055	Master Edge Position Bracket (C248)	1
10	C231 2054	Position Spring	1
11	C231 2151	Thermal Head - B4	1
12	C231 2157	Side Spring	4
13	C231 2156	Middle Spring	1
14	C231 2026	Thermal Head Base	1
15	C229 5825	Master Sensor	1
16	C231 2277	Master Sensor Bracket	1
17	C231 2092	Thermal Head Guide	1
18	C231 2095	Master Guide Plate	1
19	C231 5841	Stepper Motor - DC 24V	1
20	C231 2230	Brake Shoe	1
21	C237 2010	Plotter Rear Plate	1
22	C231 2135	Platen Gear - 2	1
23	C231 2133	Platen Gear - 1	1
24	C231 2273	Sensor Bracket	1
25	AW02 0075	Photointerruptor	1
26	C231 2025	Plotter Bottom Plate	1
27	C237 2020	Plotter Front Plate	1
28	C231 2094	Guide Sheet	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0801 1135	Philips Pan Head Screw - M3x3	
103	0720 0025E	Retaining Ring - M2.5	
104	1105 0292	Wire Saddle	
105	0242 0080Z	Screw - M2X8	
106	0720 0040E	Retaining Ring - M4	
107	1105 0267	Harness Clamp - YMC-10-0	

## 12.Press Roller Section (C237/C248)

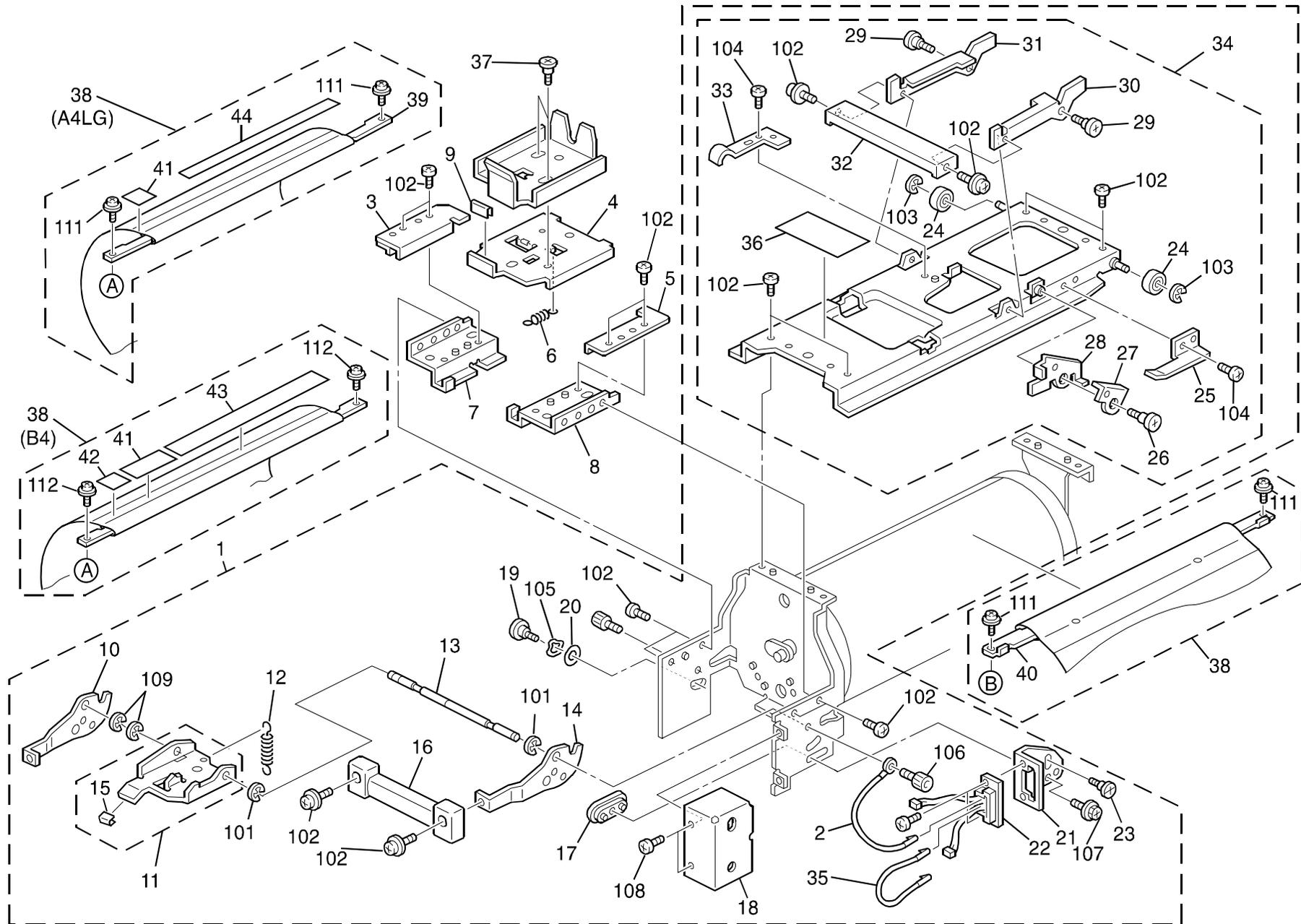


## 12.Press Roller Section (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 4482	Exit Pawl Shaft	1
2	C237 4365	Exit Pawl	1
3	C231 4481	Drive Arm	1
4	C231 4483	Roller Bracket	1
5	C231 4485	Roller Bracket	1
6	C229 2615	Slide Rail Roller	2
7	C231 2601	Drum Stay	1
8	C231 5612	Sensor Bracket	1
9	C237 1996	Front Stay	1
10	C231 3127	Pressure Spring Nut	2
11	C231 5611	Sensor Bracket	1
12	C231 3126	Pressure Spring Screw	2
13	C231 3141	Pressure Spring - A4	2
13	C231 3140	Pressure Spring - B4	2
14	C237 3052	Pressure Roller Ass'y - A4	1
14	C237 3050	Pressure Roller Ass'y - B4	1
15	C217 5523	Pressure Release Lever - Front	1
16	C231 3110	Left Arm	1
17	C237 3113	Right Arm	1
18	C237 3117	Pressure Roller Stopper	1
19	C231 3116	Stopper Bracket	1
20	C231 5610	Sensor Bracket	1
21	C231 3123	Right Spring Anchor	1
22	C217 5520	Pressure Release Lever	1
23	C231 3137	Release Spring	2
24	C231 3135	Right Bracket	1
25	C231 3134	Right Solenoid Ass'y	1
26	C231 3103	Right Side Plate	1
27	C237 1650	Stopper Bracket	1
28	C231 2607	Right Positioning Pin	1
29	C231 3100	Left Side Plate	1
30	C231 2605	Left Positioning Pin	1
31	C237 4479	Pickoff Pawl Bushing	1
32	C231 3120	Left Spring Anchor	1
33	C231 3130	Left Solenoid Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
34	C217 5521	Front Lever Arm	1
35	C231 3131	Left Bracket	1
36	C237 4349	Spring - Exit Pawl Shaft	1
37	C237 1995	Plotter Inner Stay	1
38	AW02 0075	Photointerruptor	2
39	5053 0419	Bushing - 10mm	4
40	5506 6111	Stepped Screw - M4	1
41	C217 5522	Rear Lever Arm	1
101	0593 0080E	Bolt - M3x8	
102	0710 0040Z	Hex Nut 4	
103	0584 0121Z	Hexagon Bolt - M4x12	
104	0720 0040E	Retaining Ring - M4	
105	0451 4006B	Tapping Screw - 4x6	
106	0720 0080E	Retaining Ring - M8	
107	0353 0060Z	Screw - M3X6	
108	0951 3006W	Philips Screw With Flat Washer - M3x6	
109	0801 1004	Screw - M4X4	
110	0593 0040B	Hexagonal Set Screw - M3x4	
112	0451 4008W	Tapping Screw - M4x8	

# 13.Drum Unit 1 (C237/C248)

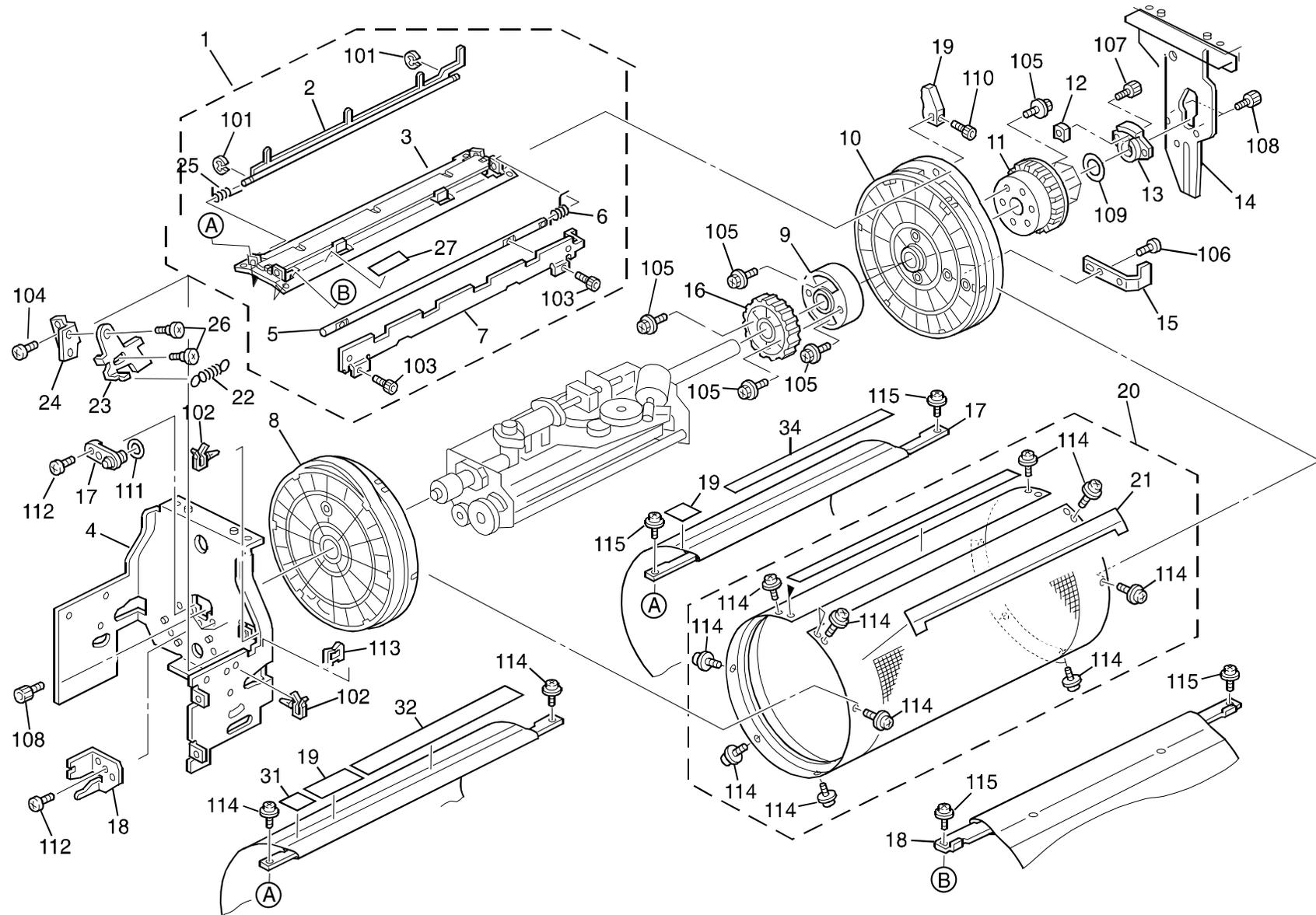


### 13.Drum Unit 1 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 2300	Drum Unit (B4)	1
1	C237 2301	Drum Unit (LG)	1
1	C237 2302	Drum Unit (A4)	1
1	C237 2303	Drum Unit (CHINESE)	1
2	C231 5256	Grounding Wire	1
3	C237 2561	Slider Guide Left	1
4	C237 2551	Ink Holder Slider	1
5	C231 2555	Slider Guide	1
6	C231 2559	Spring	1
7	C231 2553	Left Rail - Ink Holder	1
8	C237 2554	Right Rail - Ink Holder	1
9	C231 2571	Decal - Ink Set Lever	1
10	C231 2531	Right Arm	1
11	C231 2556	Ink Release Lever	1
12	C231 2560	Lever Spring	1
13	C237 2535	Arm Pin	1
14	C231 2530	Left Arm	1
15	C231 2570	Decal - Ink Release Lever	1
16	C231 2534	Lower Drum Grip	1
17	C231 2536	Slider	1
18	C231 2543	Harness Cover	1
19	C231 2533	Stepped Screw	1
20	C231 2384	Seal	1
21	C231 2538	Connector Bracket	1
22	C231 5250	Drum Relay Harness	1
23	C231 2532	Pin	1
24	C201 4604	Drum Rail Roller	2
25	C229 2396	Spring Plate	1
26	C229 2390	Stepped Screw	1
27	C229 2392	Stopper Guide	1
28	C229 2391	Stopper Bracket	1
29	C201 5125	Stepped Screw - M6	2
30	C231 2525	Right Drum Stay	1
31	C231 2524	Left Drum Stay	1
32	C231 2526	Drum Grip	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	C229 2394	Spring Plate	1
34	C231 2504	Drum Frame	1
34	C231 2507	Drum Frame (CHINESE)	1
35	C231 5257	Jumper Wire	1
36	C231 2519	Decal - Drum Replace	1
36	C231 2529	Decal - Drum Replace (CHINESE)	1
37	C231 2552	Shoulder Screw - M4	2
38	C231 2305	Cloth Screen - A4	1
38	C231 2304	Cloth Screen - LG	1
38	C231 2303	Cloth Screen - B4	1
39	C231 2390	Front Holder - A4	1
39	C231 2388	Front Holder - B4	1
40	C231 2391	Rear Holder - A4	1
40	C231 2389	Rear Holder - B4	1
41	C231 2383	Sensor Sheet	1
42	C231 2413	Friction Sheet - 17.5x25mm - B4	1
43	C231 2412	Friction Sheet - 214.5x25mm - B4	1
44	C231 2414	Friction Sheet - 194x25mm - LG, A4	1
101	0720 0060E	Retaining Ring - M6	
102	0354 0060Z	Philips Truss Head Screw - M4x6	
103	0720 0040Z	Retaining Ring - M4	
104	0353 0050Z	Philips Truss Head Screw - M3x5	
105	0807 5049	Wave Washer - 8 Mm	
106	0594 0060Z	Hexagon Socket Bolt - M4x6	
107	0450 4006B	Tapping Screw - 4x6	
108	0353 0080Z	Philips Truss Head Screw - M3x8	
109	0720 0060Z	Retaining Ring - M6	
110	0801 0103	Screw - M4X8	
111	0951 3008Z	Philips Screw With Flat Washer - M3	
112	0951 3006Z	Philips Screw With Flat Washer - M3	

# 14. Drum Unit 2 (C237/C248)



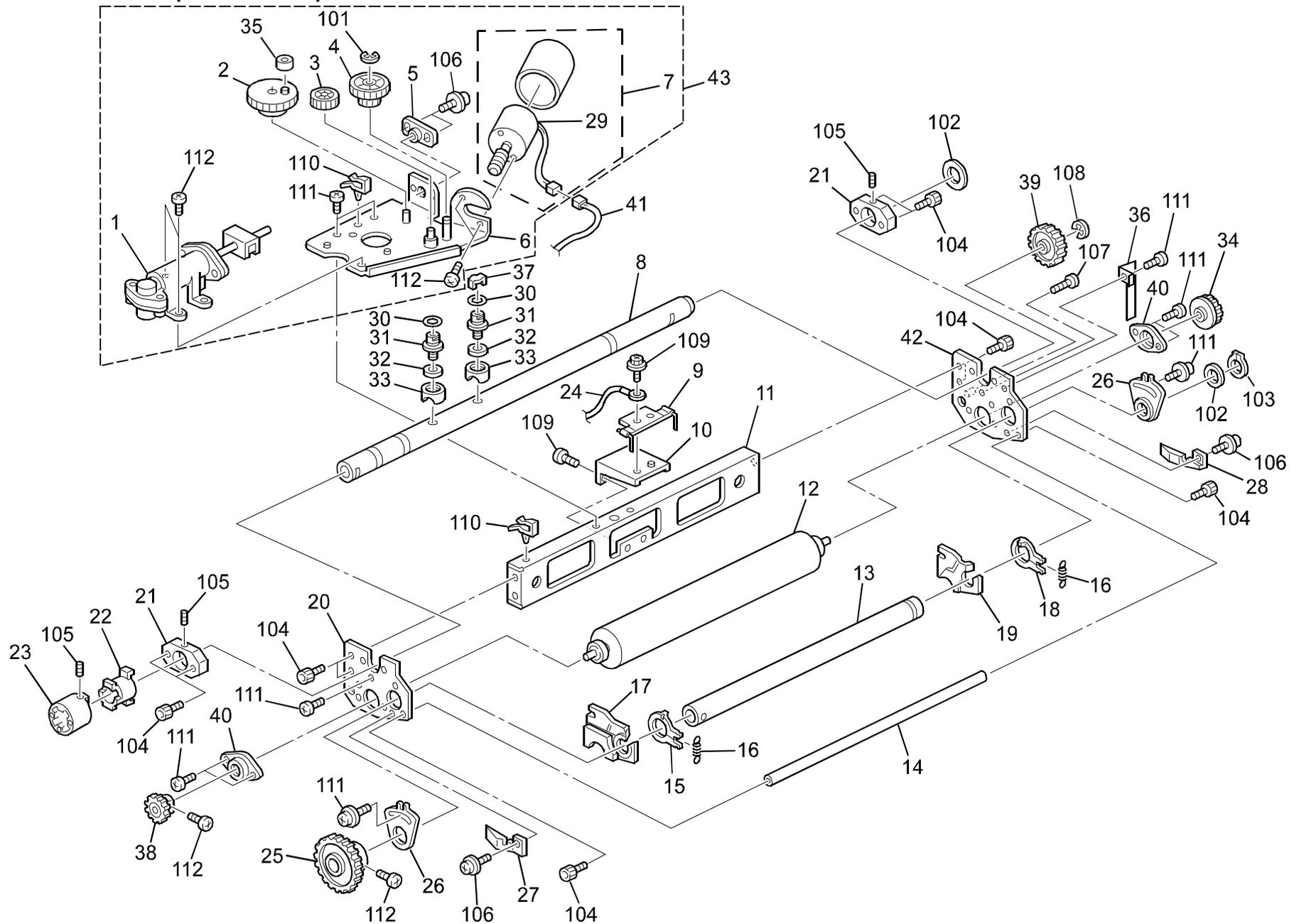
## 14.Drum Unit 2 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 2401	Drum Clamper Ass'y	1
2	C231 2417	Master Exit Pawls	1
3	C231 2402	Clamper Base	1
4	C231 2520	Left Side Plate	1
5	C231 2406	Clamper Shaft	1
6	C217 4549	Rear Clamper Spring	1
7	C231 2405	Clamper Holder	1
8	C231 2364	Left Drum Flange (A4)	1
8	C231 2360	Left Drum Flange (B4)	1
9	C231 2370	Spacer	1
10	C231 2366	Right Drum Flange (A4)	1
10	C231 2362	Right Drum Flange (B4)	1
11	C231 2369	Drum Drive Gear	1
12	C231 2396	Stopper	1
13	C231 2395	Holder	1
14	C231 2521	Right Side Plate	1
15	C231 2368	Shielding Plate	1
16	C217 4581	Ink Roller Drive Gear	1
17	C231 2565	Ink Cartridge Joint	1
18	C231 2558	Release Lever Holder	1
19	C217 4504	Clamper Cam	1
20	C231 2585	Metal Screen - A4	1
20	C231 2583	Metal Screen - LG	1
20	C231 2580	Metal Screen - B4	1
21	C231 2582	Seal - B4	1
21	C231 2587	Seal - A4/LG	1
22	C231 2544	Stopper Spring	1
23	C231 2542	Stopper	1
24	C231 2541	Stopper Bracket	1
25	C217 4555	Eject Pawl Spring	1
26	C201 5125	Stepped Screw - M6	2
27	C231 2411	Rear Sensor Sheet	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0020E	Retaining Ring - M2	
102	1105 0283	Clamp	
103	0804 6107	Hexagon Bolt - M2x4	
104	0354 0060Z	Philips Truss Head Screw - M4x6	
105	0450 3008B	Tapping Screw - M3x8	
106	0452 3006B	Tapping Screw - M3x6	
107	0593 0100Z	Bolt M3x10	
108	0594 0080Z	Bolt - M4x8	
109	0807 7114	Washer - 16x24x0.3mm	
110	0804 6091	Hexagonal Set Screw - M2x5	
111	0808 0021	Rubber Ring	
112	0801 1004	Screw - M4X4	
113	1105 0328	Harness Clamp - ES-0505	

# 15.Drum Unit 3 (C237/C248)

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### 15.Drum Unit 3 (C237/C248)

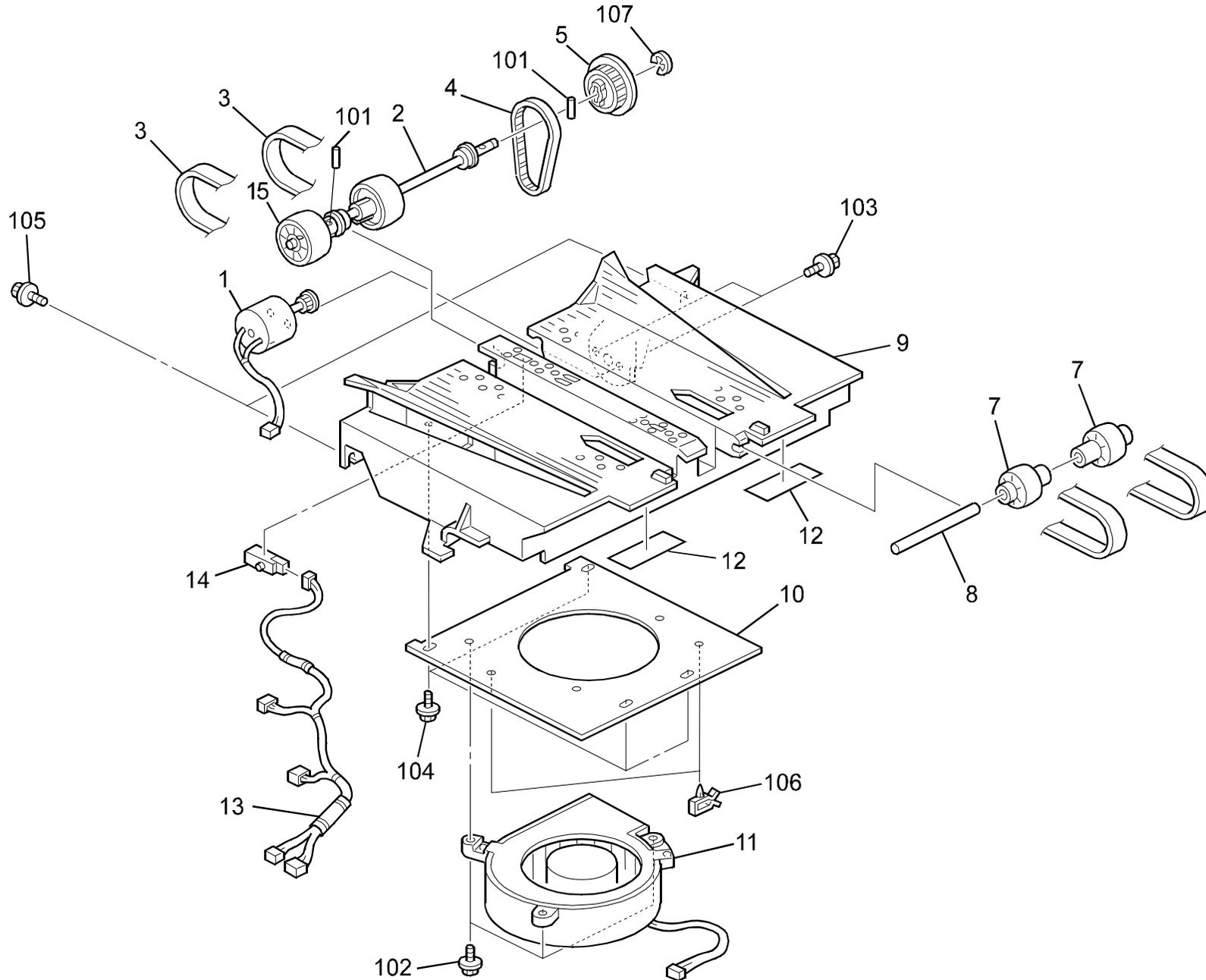
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Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 2498	Ink Pump Ass'y	1
2	C231 2437	Pump Drive Gear	1
3	C225 6013	Idle Gear	1
4	C231 2435	Worm Wheel	1
5	C200 4814	Bushing - 6x10x55mm	1
6	C231 2429	Pump Base	1
7	C229 2529	Ink Supply Motor	1
8	C231 2487	Drum Shaft - A4	1
8	C231 2481	Drum Shaft - B4	1
9	C231 2471	Ink Sensor	1
10	C231 2470	Ink Sensor Bracket	1
11	C231 2464	Drum Stay (A4)	1
11	C231 2463	Drum Stay (B4)	1
12	C231 2456	Ink Roller - A4	1
12	C231 2450	Ink Roller - B4	1
13	C231 2459	Doctor Roller - A4	1
13	C231 2458	Doctor Roller - B4	1
14	C231 2466	Drum Sub Stay (A4)	1
14	C231 2465	Drum Sub Stay (B4)	1
15	C218 4558	Front Doctor Roller Ring	1
16	C218 4560	Ring Spring	2
17	C218 4592	Front Bank Plate	1
18	C218 4559	Rear Doctor Roller Ring	1
19	C218 4594	Rear Bank Plate	1
20	C217 4512	Side Plate	1
21	C231 2495	Left Holder - Ink Roller	2
22	C231 2398	Spacer	1
23	C231 2397	Left Collar	1
24	C231 5253	Ink Sensor Harness	1
25	C200 4748	Gear - 45T	1
26	C200 4723	Adjusting Plate - Doctor Roller	2
27	C217 4598	Front Drum Blade	1
28	C217 4599	Rear Drum Blade	1
29	C229 5803	DC Motor - 50W	1
30	5316 7421	O - Ring	2

Index No.	Part No.	Description	Q'ty Per Assembly
31	C231 2485	Joint	2
32	C231 2484	Bushing Holder	2
33	C231 2483	Joint Rubber	2
34	C231 2460	Roller Drive Gear (C237)	1
34	C237 2460	Ink Drive Gear (C248)	1
35	C229 2525	Bushing - Pump Drive Gear	1
36	C217 4506	Grounding Plate	1
37	C231 2428	Valve	1
38	C217 4580	Gear - Doctor Roller Drive	1
39	C207 4672	Gear - 36Z	1
40	C201 4665	Bearing Holder	2
41	C231 5251	Relay Harness - Ink Pump	1
41	C231 5252	Relay Harness - Ink Pump	1
42	C217 4513	Rear Side Plate	1
43	C237 2497	Pump Unit	1
101	0720 0060E	Retaining Ring - M6	
102	0807 7114	Washer - 16x24x0.3mm	
103	0725 0160E	Retaining Ring C - M16	
104	0594 0080Z	Bolt - M4x8	
105	0574 0040E	Hexagon Headless Set Screw - M4x4	
106	0951 4006Z	Philips Screw With Flat Washer - M4	
107	0314 0080Z	Philips Screw - 4x8	
108	0720 0050Z	Retaining Ring - M5	
109	0451 3006B	Tapping Screw - M3x6	
110	1105 0283	Clamp	
111	0354 0060Z	Philips Truss Head Screw - M4x6	
112	0353 0050Z	Philips Truss Head Screw - M3x5	

# 16.Vacuum Fan Unit (C237/C248)

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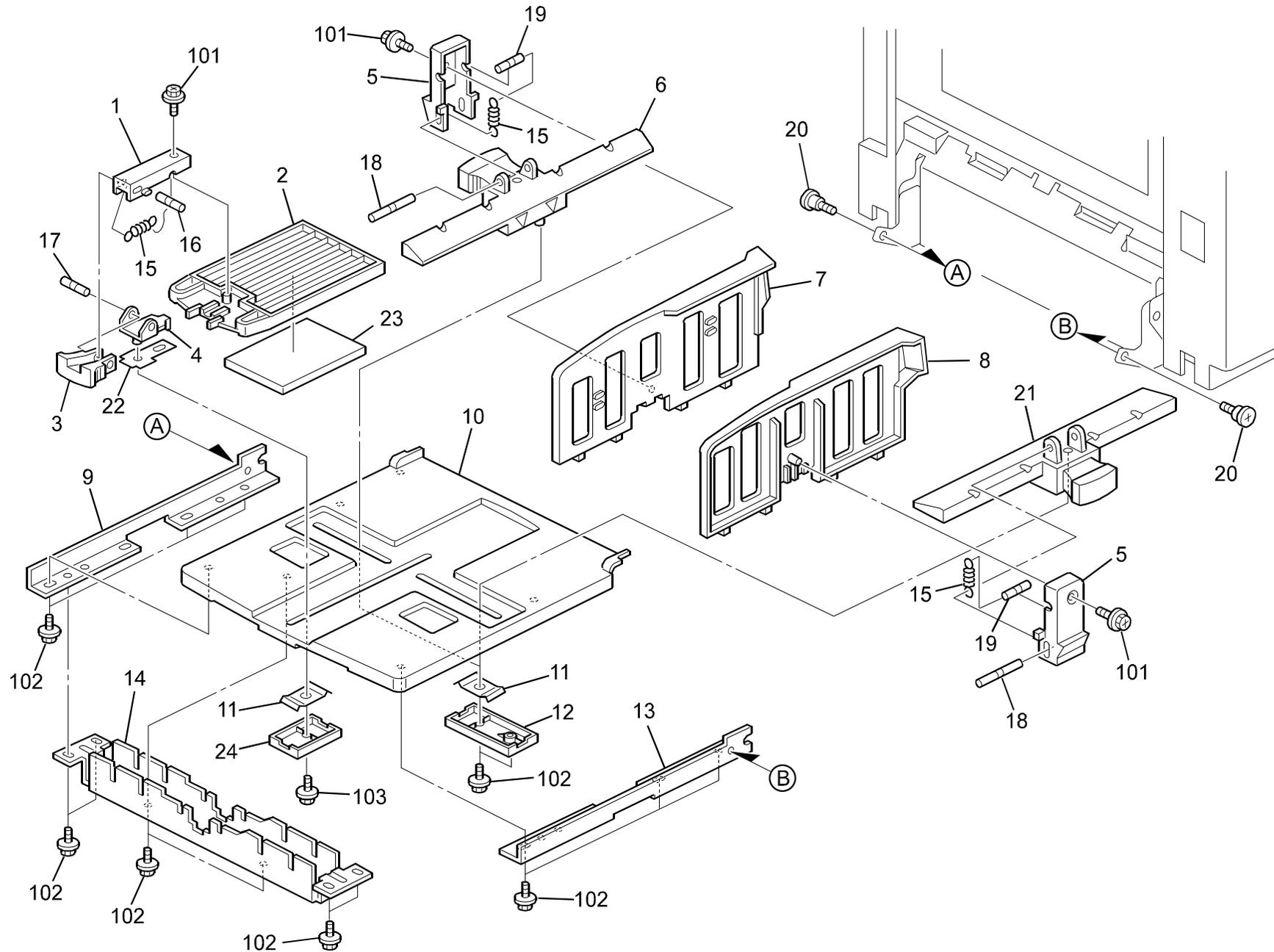
## 16. Vacuum Fan Unit (C237/C248)

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Index No.	Part No.	Description	Q'ty Per Assembly
*	C237 3800	Paper Delivery Unit	1
1	C231 5812	Paper Delivery Motor	1
2	C231 3871	Drive Roller	1
3	C231 3878	Transport Belt	2
4	C231 3879	Timing Belt	1
5	C231 3875	Drive Pulley	1
6	C231 3879	Timing Belt	1
7	C231 3872	Drive Roller	2
8	C231 3877	Driven Shaft	1
9	C231 3861	Delivery Duct	1
10	C231 3852	Fan Bracket	1
11	C237 5880	Air Knife Fan	1
13	C231 5272	Paper Delivery Harness	1
14	AW01 0076	Photosensor - PS-117D1	1
15	C231 3871	Drive Roller (C248)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0633 0140G	Parallel Pin - 3x14	
102	0451 4014B	Tapping Screw - M4x14	
103	0451 3006B	Tapping Screw - M3x6	
104	0450 4008B	Tapping Screw - 4x8	
105	0451 4008H	Tapping Screw - 4x8	
106	1105 0267	Harness Clamp - YMC-10-0	
107	0720 0060E	Retaining Ring - M6	

# 17. Delivery Table (C237/C248)



### 17.Delivery Table (C237/C248)

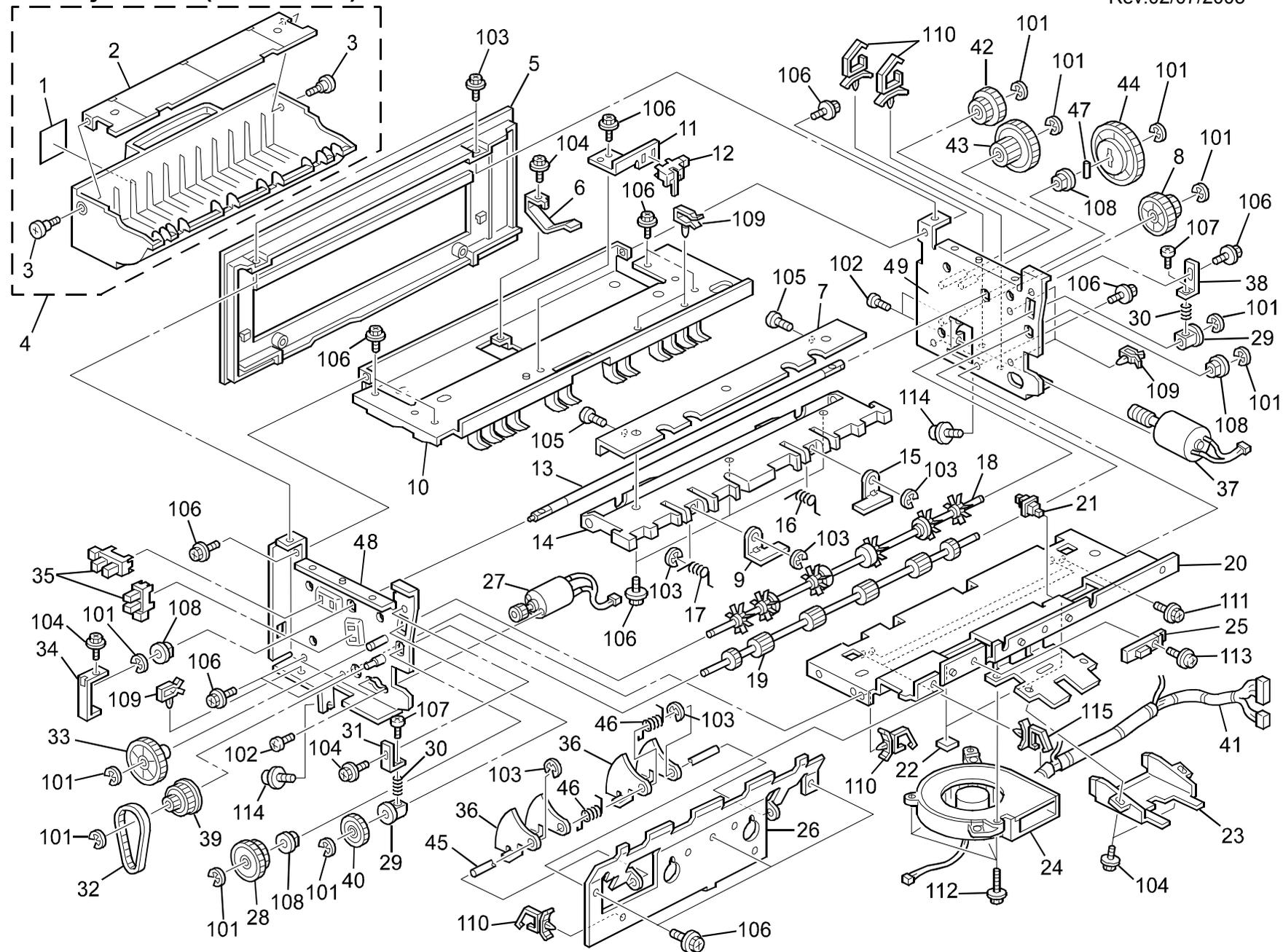
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Index No.	Part No.	Description	Q'ty Per Assembly
*	C248 4201	Paper Delivery Table Ass'y (C248)	1
*	C231 4201	Paper Delivery Table Ass'y (C237)	1
1	C231 4416	End Plate Case (C237)	1
1	C248 4416	End Plate Case (C248)	1
2	C231 4406	End Plate Fence (C237)	1
2	C248 4406	End Plate Fence (C248)	1
3	C238 4408	Side Fence Grip (C248)	1
4	C231 4410	End Plate Bracket	1
5	C231 4407	Side Fence Case (C237)	2
5	C248 4407	Side Fence Case (C248)	2
6	C233 4392	Rear Lower Guide (C237)	1
6	C238 4392	Rear Lower Guide (C248)	1
7	C231 4428	Rear Side Fence (C237)	1
7	C248 4428	Rear Side Fence (C248)	1
8	C231 4427	Front Side Fence (C237)	1
8	C248 4427	Front Side Fence (C248)	1
9	C231 4402	Rear Stay	1
10	C231 4390	Bottom Plate (C237)	1
10	C248 4390	Bottom Plate (C248)	1
11	C231 4420	Slider Spring Plate	2
12	C233 4410	Slider Cover (C237)	2
12	C238 4456	Slider Cover (C248)	2
13	C231 4401	Front Stay	1
14	C231 4409	Support Plate	1
15	C231 4413	Delivery Table Spring	3
16	C225 6113	Upper Pressure Spring Pin	1
17	C231 4419	End Plate Pin	1
18	C231 4414	Lower Side Fence Pin	2
19	C231 4415	Upper Side Fence Pin	2
20	C217 4426	Shoulder Screw	2
21	C233 4391	Front Lower Guide (C237)	1
21	C238 4395	Front Lower Guide (C248)	1
22	C231 4425	End Plate Sheet	1
23	C231 4426	End Plate Cushion	1
24	C231 4421	Slider Cover (C237)	1

Index No.	Part No.	Description	Q'ty Per Assembly
24	C238 4421	Slider Cover (C248)	1
101	0450 3008H	Tapping Screw M3x8	
102	0450 4008B	Tapping Screw - 4x8	
103	0450 3012B	Tapping Screw -3x12	
104	0451 4006B	Tapping Screw - 4x6	
105	0451 3008B	Tapping Screw - M3x8	

# 18.Master Eject unit (C237/C248)

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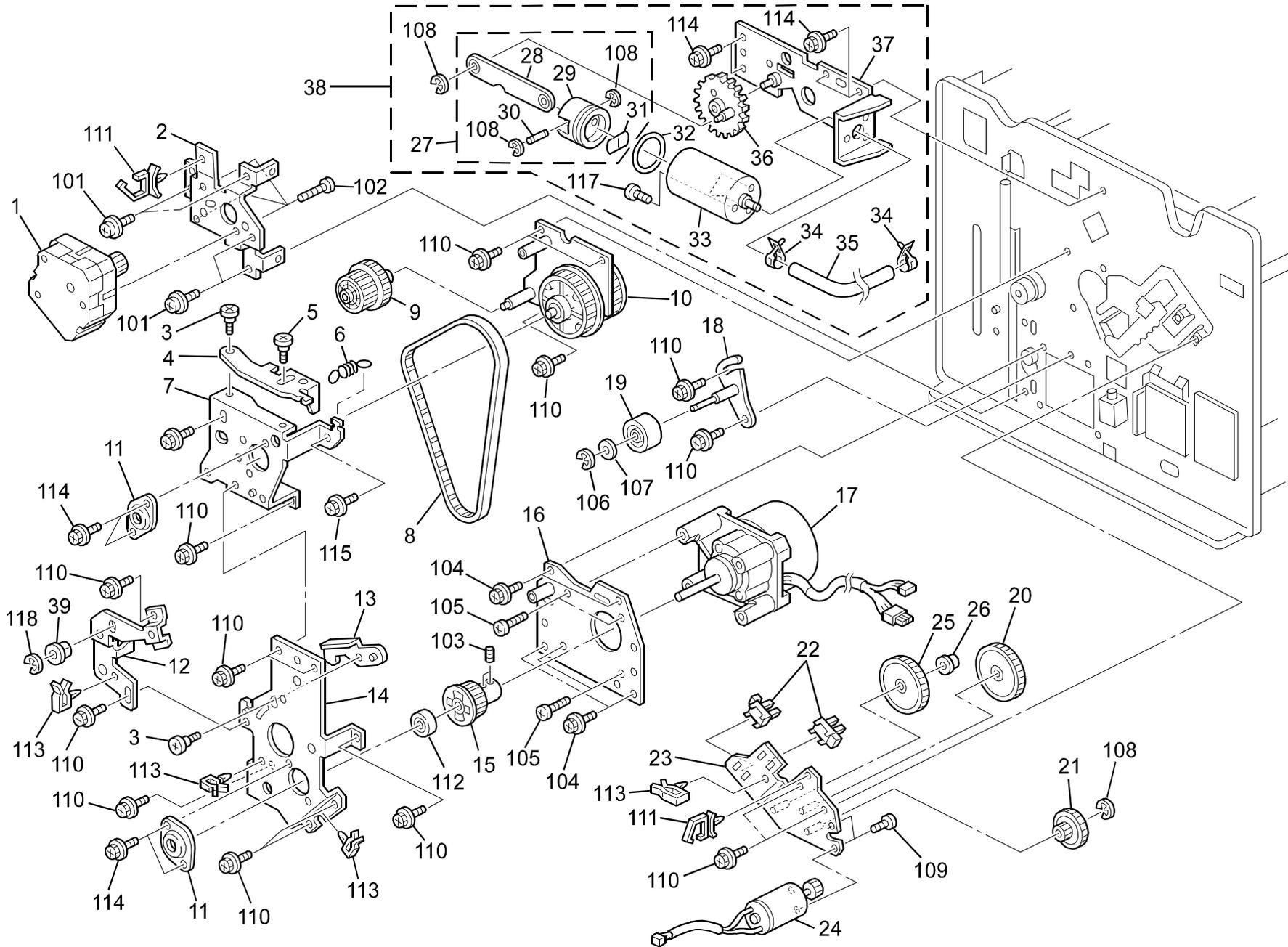
## 18.Master Eject unit (C237/C248)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	C231 3521	Decal Eject Box (C237)	1
1	C248 3521	Decal Eject Box (C248)	1
2	C231 3512	Eject Box Cover	1
3	C231 3513	Stepped Screw	2
4	C237 3510	Master Eject Box (C237)	1
4	C248 3510	Master Eject Box (C248)	1
5	C231 3541	Unit Cover (C237)	1
5	C248 3541	Unit Cover (C248)	1
6	C231 3479	Spring Plate	1
7	C237 3509	Guide Plate	2
8	C231 3516	Worm Wheel	1
9	C237 3522	Pressure Plate	2
10	C237 3476	Unit Stay	1
11	C231 3485	Sensor Bracket	1
12	C217 8446	Photointerruptor - Master Eject	1
13	C237 3508	Pressure Plate Shaft	1
14	C237 3507	Pressure Plate	1
15	C237 3521	Front Holder	1
16	C237 3525	Spring	1
17	C237 3524	Pressure Spring	2
18	C237 3481	Upper Eject Roller	1
19	C231 3482	Lower Eject Roller	1
20	C237 3465	Unit Base	1
21	AW50 0012	Push Switch	1
22	C237 3576	Separation Plate Cushion	1
23	C231 4352	Air Knife Duct	1
24	C237 5880	Air Knife Fan	1
25	C203 8137	Master Sensor	1
26	C237 3474	Air Knife Bracket	1
27	C209 8260	DC Motor	1
28	C231 3489	Lower Roller Gear	1
29	C231 3486	Bushing	2
30	C231 3487	Pressure Spring	2
31	C231 3458	Front Bracket	1
32	C237 3491	Timing Belt - S2M 76Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	C231 3492	Large Pulley	1
34	C231 3505	Position Sensor Feeler	1
35	AW02 0075	Photointerruptor	2
36	C237 3571	Master Pick-off Pawl	1
37	C229 5803	DC Motor - 50W	1
38	C231 3468	Rear Bracket	1
39	C231 3493	Coupled Gear - Large	1
40	C231 3494	Gear - Lower Roller	1
41	C237 5280	Eject Unit Harness	1
42	C231 3519	Second Gear - B4	1
42	C237 3519	Second Gear - LG, A4	1
43	C231 3518	First Gear - B4	1
43	C237 3518	First Gear - LG, A4	1
44	C237 3684	Gear - Pressure Plate	1
45	C237 3575	Master Pick-off Pawl Shaft	1
46	C237 3573	Spring	2
47	C237 3505	Pin 3x16	1
48	C237 3454	Front Side Plate	1
49	C237 2456	Rear Side Plate	1
101	0720 0040E	Retaining Ring - M4	
102	0801 1135	Philips Pan Head Screw - M3x3	
103	0720 0020E	Retaining Ring - M2	
104	0451 3006B	Tapping Screw - M3x6	
105	0950 4010B	Screw - M4x10	
106	0451 4006B	Tapping Screw - 4x6	
107	0353 0050Z	Philips Truss Head Screw - M3x5	
108	0805 3385	Bushing - 6mm	
109	1105 0267	Harness Clamp - YMC-10-0	
110	1105 0291	Harness Clamp - LWS-3S	
111	0450 3008B	Tapping Screw - M3x8	
112	0451 4014B	Tapping Screw - M4x14	
113	0951 3010Z	Philips Screw With Flat Washer - M3	
114	0801 0137	Philips Pan Head Screw With Spring	

# 19. Drive Section (C237/C248)



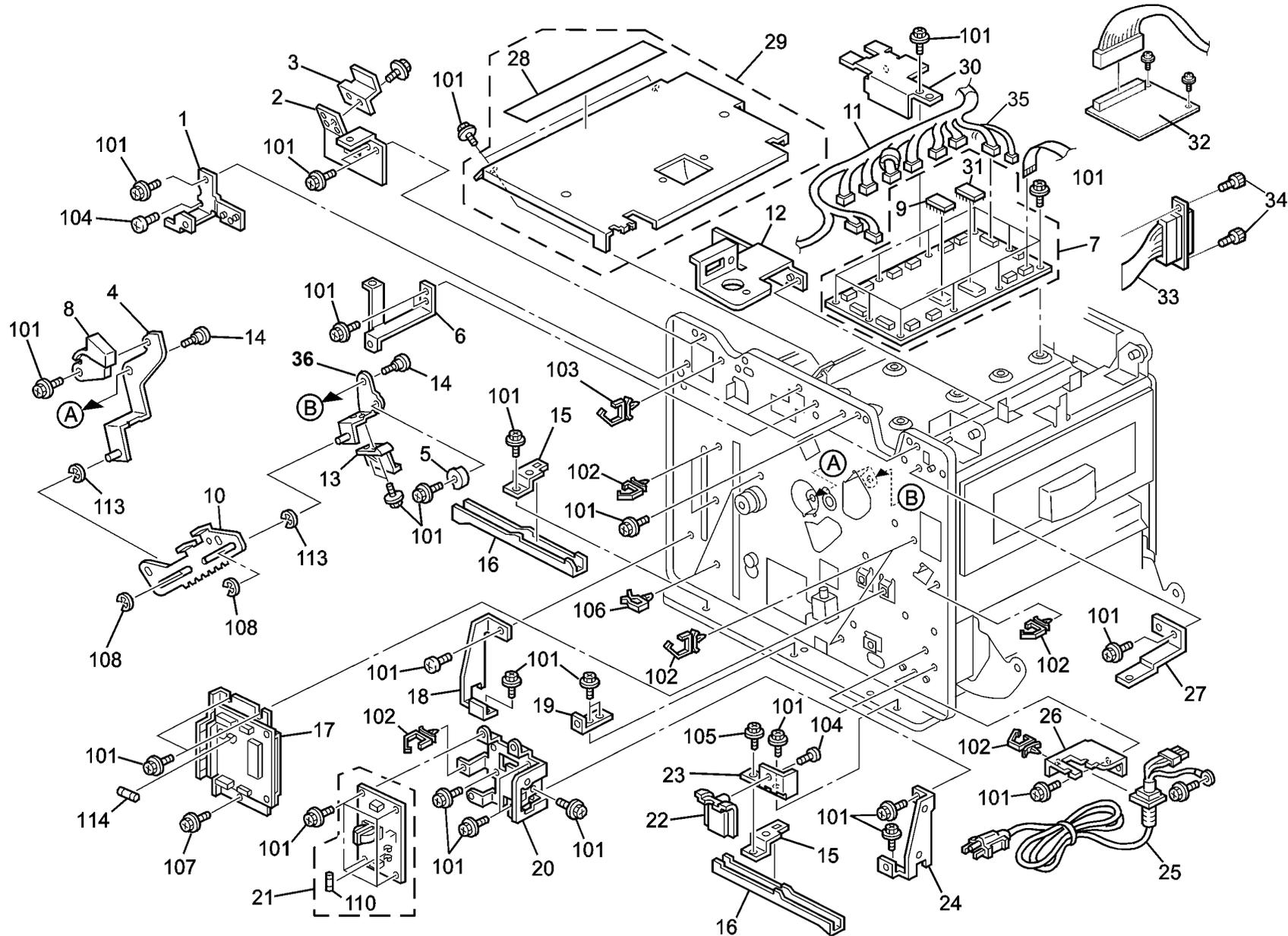
## 19. Drive Section (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 5814	DC Motor - 24V	1
2	C231 2785	Motor Bracket	1
3	C201 5125	Stepped Screw - M6	2
4	C231 1173	Gear Stopper	1
5	C217 4426	Shoulder Screw	1
6	C231 1174	Gear Spring	1
7	C231 1172	Drum Drive Side Plate	1
8	C231 1180	Timing Belt - 130S3M588UG	1
9	C217 5077	Feed Drive Pulley	1
10	C231 1160	Drum Drive Gear Unit	1
10	C237 1169	Drum Drive Gear Unit (CHINESE)	1
11	C201 5134	Bearing Holder	2
12	C231 2855	Clutch Bracket	1
13	C231 1175	Adjust Stopper	1
14	C231 1154	Drive Support Plate	1
15	C217 2210	Main Motor Pulley	1
16	C231 1150	Main Motor Bracket	1
17	C231 5890	Main Motor - DC24V	1
18	C231 1156	Adjust Tightener	1
19	C217 2221	Tension Roller	1
20	C200 2331	Gear - 20T	2
21	C200 3604	Coupled Gear - 16T & 50T	1
22	AW02 0075	Photointerruptor	2
23	C231 4075	Clamp Drive Side Plate	1
24	C237 5830	Master Eject Motor - DC24V/7.2W	1
25	C200 2332	Gear - 16T	1
26	C237 6661	Clamper Sleeve	1
27	C213 6037	Air Piston Ass'y	1
28	C213 6038	Piston Link	1
29	C213 6040	Piston	1
30	C209 6213	Piston Pin - Air Pump	1
31	C213 6042	Piston Valve	1
32	C213 6041	O ring - 33.7	1
33	C213 6043	Air Pump Cylinder	1
34	C209 4711	Hose Band	2

Index No.	Part No.	Description	Q'ty Per Assembly
35	C237 4367	Hose	1
36	C237 4373	Pump Driven Gear	1
37	C237 4351	Air Pump Bracket	1
38	C237 4206	Paper Exit Pump	1
39	C237 2843	Bushing	1
101	0960 4008Z	Flange Head Screw - 4x8	
102	0450 4025B	Tapping Screw With Washer - M4x25	
103	0575 0060E	Hexagon Headless Set Screw - M5x6	
104	0451 4008B	Philips Tapping Screw - M4X8	
105	0315 0200Z	Philips Screw - 5x20	
106	0720 0060E	Retaining Ring - M6	
107	0807 5044	Spacer - 8.1mm X 11.5mm X 0.2	
108	0720 0030E	Retaining Ring - M3	
109	0801 1135	Philips Pan Head Screw - M3x3	
110	0451 4006B	Tapping Screw - 4x6	
111	1105 0291	Harness Clamp - LWS-3S	
112	0740 3010	Ball Bearing - 10x26x8mm	
113	1105 0283	Clamp	
114	0451 3006B	Tapping Screw - M3x6	
115	0451 4008W	Tapping Screw - M4x8	
116	0951 4005Z	Philips Screw With Flat Washer - M4x5	
117	0313 0060Z	Philips Pan Head Screw - M3x6	
118	0720 0060B	Retaining Ring - M6	

# 20.Electrical Section 1 (C237/C248)

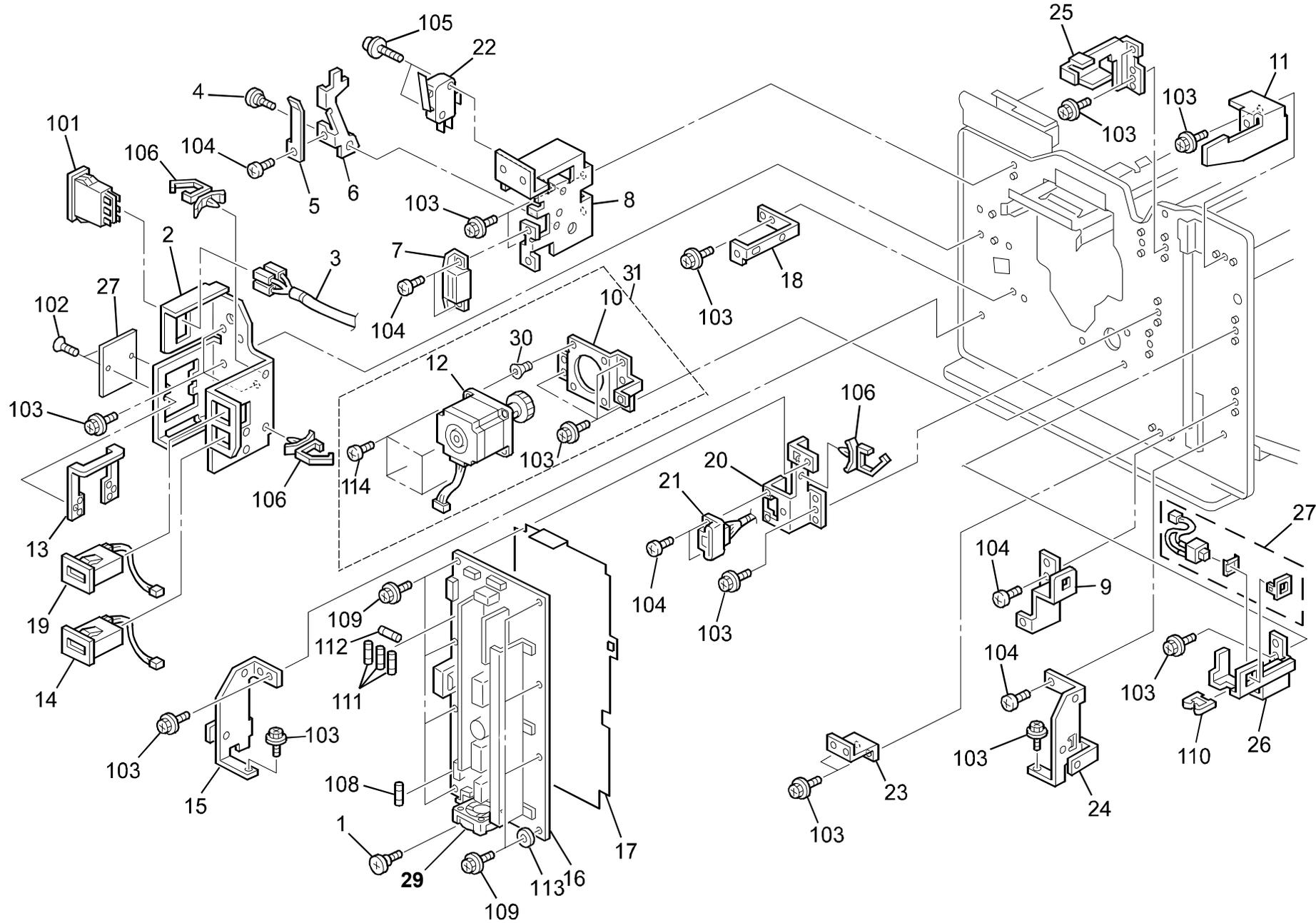
Rev. 06/21/2004





# 21.Electrical Section 2 (C237/C248)

Rev. 02/08/2005



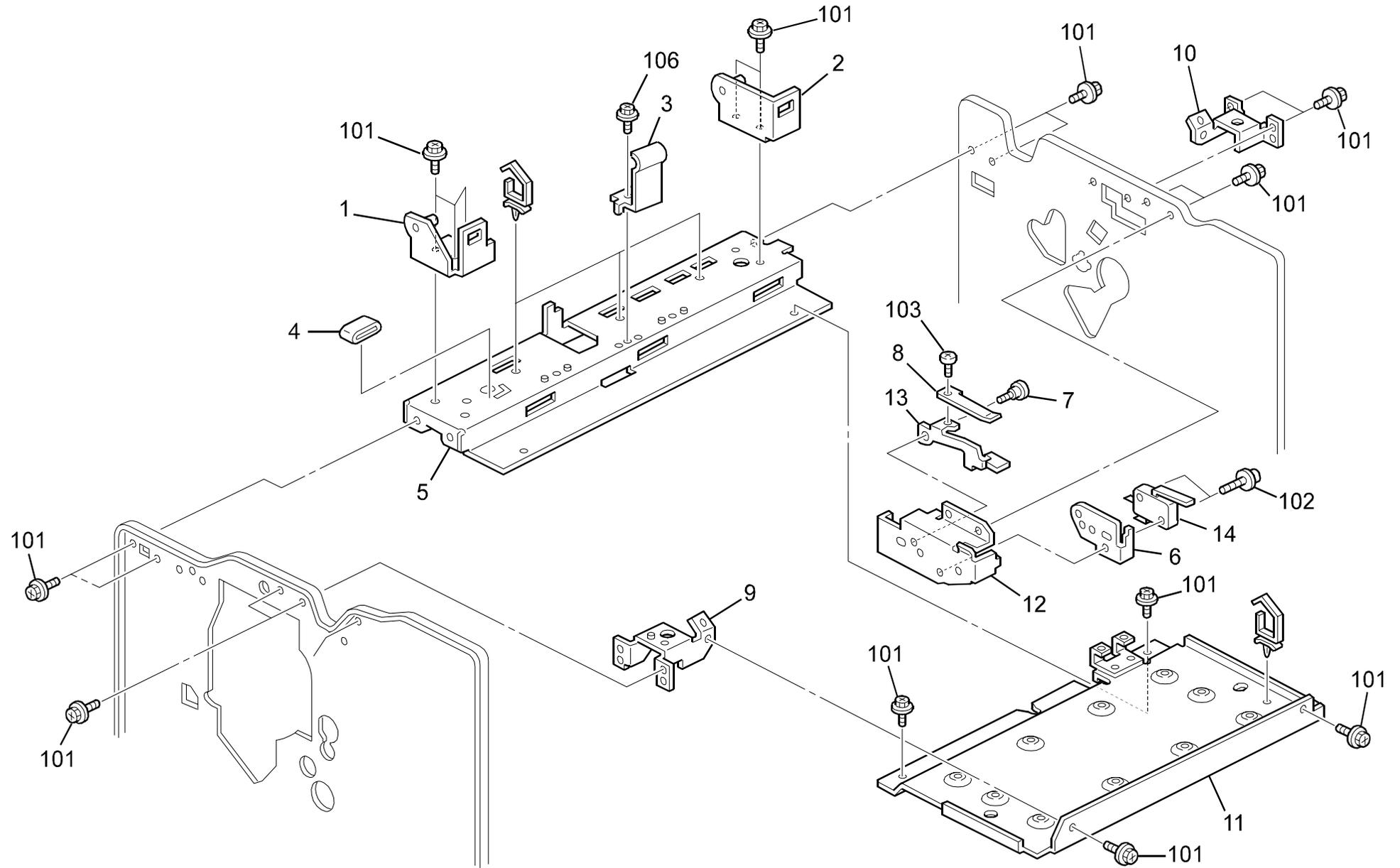
## 21.Electrical Section 2 (C237/C248)

Rev. 02/08/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C219 3950	Stepped Screw	1
2	C237 5650	Switch Bracket	1
3	C231 5201	AC Main Harness	1
4	C218 2185	Stepper Screw	1
5	C218 2173	Support Plate - Safety Switch - LT	1
6	C224 2172	Safety Switch Lever	1
7	AG07 0004	Magnetic Catch	1
8	C237 5685	Door Switch Bracket	1
9	C237 1397	Right Lower Bracket	1
10	C231 2871	Motor Bracket	1
11	C237 1388	Operation Panel Bracket	1
12	C237 5876	Registration Motor Ass'y	1
13	A030 1339	Plate Nut - Key Counter (C237)	1
13	5443 1239	Plate Nut - Key Counter (C248)	1
14	C237 5462	Copy Counter	1
15	C231 5213	Drum Relay Harness	1
16	C237 5300	Power Supply Unit	1
17	C231 5623	Insulating Sheet	1
18	C231 1398	Left Lower Bracket	1
19	C237 5461	Master Counter	1
20	C237 2611	Connector Bracket	1
21	C231 5213	Drum Relay Harness	1
22	C237 1442	Micro Switch - V-152-3A5(10E)	1
23	C231 5622	Lower Left Bracket	1
24	C237 1063	Front Right Guide	1
25	C231 1396	Right Upper Bracket	1
26	C237 5690	Push Switch Bracket	1
27	C209 8288	Table Down Switch	1
28	C217 2455	Key Counter Cover (C237)	1
28	C239 2455	Key Counter Cover (C248)	1
29	C237 5302	Fan - PSU	1
30	C403 1899	Rubber Bushing - M4	4
31	c237 2872	Registration Drive Assembly	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1204 2501	Main Switch	
102	0323 0100Z	Philips Sunken Head Screw - M3x10	
103	0451 4006B	Tapping Screw - 4x6	
104	0353 0050Z	Philips Truss Head Screw - M3x5	
105	0951 3014Z	Philips Screw With Flat Washer - M3x14	
106	1105 0292	Wire Saddle	
107	0354 0100B	Screw - M4X10	
108	1107 0932	Fuse	
109	0451 3008B	Tapping Screw - M3x8	
110	1105 0328	Harness Clamp - ES-0505	
111	1107 0391	Fuse - 5A, 125V	
112	1107 0392	Fuse - 6.3A 125V	
113	0703 0030Z	Spring Washer 3	
114	0354 0140B	Screw - M4x14	

## 22.Frame Section 1 (C237/C248)

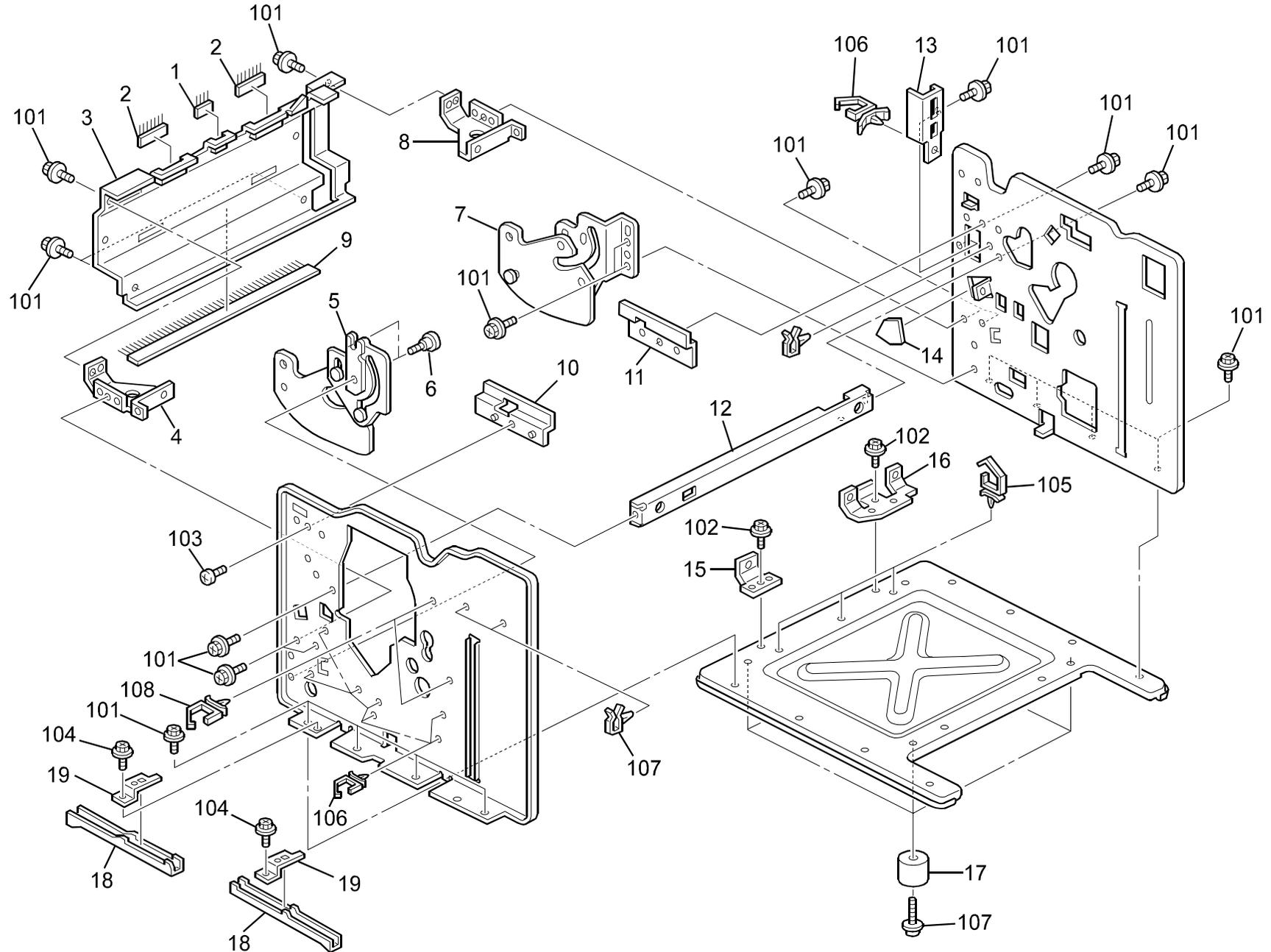


## 22.Frame Section 1 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 6005	Front Bracket	1
2	C231 6007	Rear Fixing Bracket	1
3	C231 5613	Grounding Plate	1
4	C226 8010	Ferrite Core - FPC-25-12	1
5	C231 6001	Upper Left Stay	1
6	C218 2071	Safety Switch Stopper - LT	1
7	C218 2185	Stepper Screw	1
8	C218 2173	Support Plate - Safety Switch - LT	1
9	C231 6015	Holder Bracket - Front	1
10	C231 6016	Holder Bracket - Rear	1
11	C231 5600	MPU Base	1
12	C231 5607	Scanner Switch Bracket	1
13	C226 2172	Safety Switch Lever	1
14	C237 1442	Micro Switch - V-152-3A5(10E)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0951 3014W	Philips Screw With Flat Washer - M3	
103	0353 0050Z	Philips Truss Head Screw - M3x5	

## 23.Frame Section 2 (C237/C248)



### 23.Frame Section 2 (C237/C248)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C237 3886	Short Antistatic Brush	1
2	C237 3885	Long Antistatic Brush	2
3	C231 3880	Paper Delivery Stay	1
4	C231 3881	Front Bracket	1
5	C231 4432	Front Hinge	1
6	C231 4438	Stepped Screw	1
7	C231 4441	Rear Hinge	1
8	C231 3882	Rear Bracket	1
9	C237 3888	Antistatic Brush	2
10	C237 3532	Front Slide Rail - Master Eject	2
11	C237 3531	Rear Slide Rail - Master Eject	1
12	C231 3551	Lower Stay - Master Eject	1
13	C237 3535	Connector Bracket - Master Eject	1
14	C205 3150	Seal - Large	1
15	C231 3883	Front Lower Bracket	1
16	C231 3884	Rear Lower Bracket	1
17	C231 1057	Rubber Foot	4
18	C231 1061	Grip	2
19	C231 1067	Front Guide Bracket	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008W	Tapping Screw - M4x8	
103	0801 1004	Screw - M4X4	
104	0451 3008B	Tapping Screw - M3x8	
105	1105 0292	Wire Saddle	
106	1105 0310	Harness Clamp - LWS-1S	
107	0951 4020Z	Philips Screw With Flat Washer - M4	
108	1105 0316	Clamp	

## 24.MPU Board (C237/C248)

BZ

CAPACITOR

SYMBOL NO.	INDEX NO.
BZ101	147

SYMBOL NO.	INDEX NO.
C101	211
C102	211
----	----
C104	201
C105	201
C106	200
C107	201
C108	200
C109	211
C110	200

SYMBOL NO.	INDEX NO.
C111	200
C112	211
C113	209
C114	205
C115	203
C116	203
C117	202
C118	203
C119	158
C120	201

SYMBOL NO.	INDEX NO.
C121	211
C122	211
C123	203
C124	203
C125	202
C126	211
C127	203
C128	202
C129	203
C130	211

SYMBOL NO.	INDEX NO.
C131	161
C132	211
C133	203
C134	202
C135	211
C136	206
C137	206
C138	209
C139	210
C140	210

SYMBOL NO.	INDEX NO.
C141	211
C142	211
C143	211
C144	211
C145	211
C146	211
C147	159
C148	211
C149	207
C150	207

SYMBOL NO.	INDEX NO.
C151	209
C152	211
C153	162
C154	211
C155	161
C156	211
C157	210
C158	211
C159	211
C160	211

CAPACITOR

SYMBOL NO.	INDEX NO.
C161	158
C162	211
C163	160
C164	211
C165	211
C166	211
C167	211
C168	211
C169	157
C170	211

SYMBOL NO.	INDEX NO.
C171	211
C172	211
C173	211
C174	211
C175	206
C176	206
C177	209
C178	205
C179	211
C180	211

SYMBOL NO.	INDEX NO.
C181	211
C182	211
C183	211
C184	158
C185	211
C186	210
C187	209
C188	208
C189	208
C190	208

SYMBOL NO.	INDEX NO.
C191	211
C192	211
C193	211
C194	211
C195	211
C196	211
C197	210
C198	210
C199	209
C200	211

SYMBOL NO.	INDEX NO.
C201	211
C202	158
C203	210
C204	210
C205	209
C206	209
C207	211
C208	204
C209	211
C210	211

SYMBOL NO.	INDEX NO.
C211	158
C212	158
C213	210
C214	210
C215	209
C216	210
C217	211
C218	211
C219	209
C220	211

SYMBOL NO.	INDEX NO.
C221	211
C222	211
C223	211
C224	210
C225	210
C226	210
C227	210
C228	211
C229	211
C230	211

## 24.MPU Board (C237/C248)

### CAPACITOR

SYMBOL NO.	INDEX NO.
C231	211
C232	211
C233	210
C234	210
C235	210
C236	210
C237	211
C238	211
C239	211
C240	209

SYMBOL NO.	INDEX NO.
C241	158
C242	211
C243	209
C244	211
C245	211
C246	211
C247	211
C248	211
C249	209
C250	211

SYMBOL NO.	INDEX NO.
C251	211
C252	211
C253	211
C254	211
C255	211
C256	205
C257	205
C258	156
C265	217

### CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	109
CN102	108
CN103	106
CN104	104
CN105	106
CN106	102
CN107	104
CN108	106
CN109	105
CN110	111

SYMBOL NO.	INDEX NO.
CN111	103
CN112	102
CN113	110
CN114	107

### DIODE

SYMBOL NO.	INDEX NO.
D101	120
D102	120
D103	122
D104	122
D105	122
D106	122
D107	121
D108	121
D109	121
D110	121

SYMBOL NO.	INDEX NO.
D111	121
D112	120

### FILTER

SYMBOL NO.	INDEX NO.
FIL101	163
FIL102	163
FIL103	163
FIL104	164
FIL105	164
FIL106	164
FIL107	164
FIL108	164

### FUSE

SYMBOL NO.	INDEX NO.
FU101	114
FU101	116
FU102	114
FU102	116

### IC

SYMBOL NO.	INDEX NO.
IC101	141
IC102	143
IC103	140
IC104	146
IC105	125
IC106	15
----	----
----	----
IC109	145
IC110	132
IC111	124

SYMBOL NO.	INDEX NO.
IC112	142
IC113	14
IC114	212
IC115	124
IC116	124
IC117	139
IC118	138
IC119	138
IC120	8
IC121	132

SYMBOL NO.	INDEX NO.
IC122	213
IC123	144
IC124	144
IC125	138
IC126	213
IC127	144
IC128	1
(Socket)	115
IC129	12
IC130	10

SYMBOL NO.	INDEX NO.
IC131	132
IC132	11
IC133	214
IC134	132
IC135	128
IC136	137
IC137	132
IC138	126
IC139	135
IC140	132

SYMBOL NO.	INDEX NO.
IC141	4
(Socket)	215
IC142	127
IC143	126
IC144	135
IC145	16
IC146	132
IC147	133
IC148	136
IC149	134
IC150	131

## 24.MPU Board (C237/C248)

### IC

SYMBOL NO.	INDEX NO.
IC151	132
IC152	132
IC153	129
IC154	129
IC155	132
IC156	136
IC157	130

SYMBOL NO.	INDEX NO.
LED101	123

### OSC

SYMBOL NO.	INDEX NO.
OSC101	9
OSC102	149
OSC103	150
OSC104	148

### Q

SYMBOL NO.	INDEX NO.
Q101	119
Q102	118
Q103	117
Q104	117
Q105	117
Q106	117
Q107	117
Q108	118
Q109	118
Q110	118

SYMBOL NO.	INDEX NO.
Q111	118
Q112	118
Q113	118

### RESISTOR

SYMBOL NO.	INDEX NO.
R101	168
R102	188
R103	176
R104	176
R105	185
R106	176
R107	176
R108	176
R109	176
R110	176

SYMBOL NO.	INDEX NO.
R111	176
R112	176
R113	176
R114	176
R115	176
R116	176
R117	176
R118	176
R119	180
R120	180

### RESISTOR

SYMBOL NO.	INDEX NO.
R121	180
R122	180
R123	180
R124	178
R125	178
R126	180
R127	180
R128	180
R129	196
R130	186

SYMBOL NO.	INDEX NO.
R131	176
R132	178
R133	176
R134	176
R135	176
R136	176
R137	194
R138	190
R139	170
R140	168

SYMBOL NO.	INDEX NO.
R141	168
R142	176
R143	176
R144	176
R145	176
R146	176
R147	176
R148	176
R149	176
R150	176

SYMBOL NO.	INDEX NO.
R151	176
R152	176
R153	176
R154	176
R155	176
R156	176
R157	176
R158	175
R159	166
R160	172

SYMBOL NO.	INDEX NO.
R161	173
R162	168
R163	176
R164	180
R165	170
R166	180
R167	169
R168	169
R169	174
R170	180

SYMBOL NO.	INDEX NO.
R171	180
R172	180
R173	176
R174	176
R175	176
R176	176
R177	176
R178	183
R179	165
R180	169

SYMBOL NO.	INDEX NO.
R181	181
R182	176
R183	176
R184	176
R185	176
R186	176
R187	176
R188	176
R189	176
R190	176

## 24.MPU Board (C237/C248)

### RESISTOR

SYMBOL NO.	INDEX NO.												
R191	176	R201	176	R211	168	R221	169	R231	176	R241	170	R251	171
R192	176	R202	176	R212	179	R222	197	R232	176	R242	178	R252	171
R193	176	R203	176	R213	185	R223	192	R233	178	R243	178	R253	184
R194	176	R204	180	R214	170	R224	171	R234	187	R244	178	R254	171
R195	176	R205	180	R215	176	R225	171	R235	195	R245	189	R255	171
R196	176	R206	171	R216	176	R226	176	R236	171	R246	191	R256	180
R197	176	R207	180	----	---	R227	176	R237	171	R247	199	R257	180
----	---	R208	177	----	---	R228	176	R238	171	R248	195	R258	180
R199	176	R209	177	R219	195	R229	178	R239	171	R249	171	R259	180
R200	176	R210	182	R220	184	R230	178	R240	167	R250	169	R260	180

### RESISTOR

SYMBOL NO.	INDEX NO.												
R261	180	R271	184	R281	180	R291	180	R301	179	RAY101	151	RAY111	153
R262	180	R272	180	R282	180	R292	176	R302	178	RAY102	151	RAY112	153
R263	180	R273	180	R283	180	R293	176	R303	179	RAY103	153	RAY113	151
R264	180	R274	184	R284	180	R294	191			RAY104	153	RAY114	151
R265	180	R275	180	R285	180	R295	179			RAY105	152	RAY115	153
R266	180	R276	176	R286	180	R296	191			RAY106	152	RAY116	151
R267	180	R277	198	R287	176	R297	179			RAY107	152	RAY117	151
R268	179	R278	193	R288	180	R298	191			RAY108	151	RAY118	151
R269	184	R279	180	R289	176	R299	179			RAY109	153	RAY119	151
R270	180	R280	180	R290	180	R300	179			RAY110	151	RAY120	151

### RELAY

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RAY101	151	RAY111	153
RAY102	151	RAY112	153
RAY103	153	RAY113	151
RAY104	153	RAY114	151
RAY105	152	RAY115	153
RAY106	152	RAY116	151
RAY107	152	RAY117	151
RAY108	151	RAY118	151
RAY109	153	RAY119	151
RAY110	151	RAY120	151

## 24.MPU Board (C237/C248)

### RELAY

SYMBOL NO.	INDEX NO.
RAY121	151
RAY122	151
RAY123	151
RAY124	151
RAY125	151

### TEST POINT

SYMBOL NO.	INDEX NO.
TP105	101
TP106	101
TP110	101

### VR

SYMBOL NO.	INDEX NO.
VR101	154
VR103	155

## 24.MPU Board (C237/C248)

Rev. 03/29/2005

Index No.	Part No.	Description	Q'ty Per Assembly
*	C248 5100	MPU Board <b>[TSB#060]</b>	1
1	C237 5105	Main ROM	1
1	C237 5155	Main ROM - ASIA	1
3	1905 0009	UVEPROM - 1M - X8 - 150NS	1
4	C237 5107	Feed ROM	1
6	1905 0006	UVEPROM - 512K - X8 - 150NS	1
8	A193 5521	IC - IBC2	1
9	C226 8009	Oscillator - HC-49/U-S 13.1Mhz	1
10	C228 8030	IC - THERMAL HEAD DRIVE	1
11	C229 5351	IC - UPD65640GF	1
12	C229 5352	IC - HD6433292A53F	1
14	C237 5140	IC - LC27273B-TD9	1
15	C237 8008	IC - LC98300BT-SB4	1
16	1407 4286	RAM - 16K <b>[TSB#060]</b>	

Index No.	Part No.	Description	Q'ty Per Assembly
101	1101 0328	Connector Pin Contact	
102	1102 4210	Connector - 11P	
103	1102 4212	CT Header - 15P	
104	1102 4820	CT Header - 24P	
105	1102 4821	Connector - 26P	
106	1102 4822	Connector - 28P	
107	1102 5301	Connector - 2P	
108	1102 5305	Connector - 6P	
109	1102 6596	Connector	
110	1102 7031	Connector - SLEM11S-2	
111	1102 7455	Connector FX6-60S-0.8SV2	
112	1104 0378	IC Socket - 24p - DICF-24CS-E	
113	1104 0473	32p - IC Socket	
114	1104 0564	Fuse Socket	
115	1104 0588	Dip Socket - 28p	
116	1107 0719	Fuse - K19374/1a	
117	1400 0555	Transistor - DTC143EK	
118	1400 0688	Transistor - DTC143ZUA	
119	1401 1051	Transistor - 2SJ374	
120	1402 0804	Silicon Diode - 45V - 0.3A	
121	1402 1336	Diode - 1SS355	
122	1402 1372	Silicon Diode - 1SR139-400	
123	1403 0829	Diode - SEC1201C	
124	1407 2231	IC - TD62308AF	
125	1407 3281	IC - TC74HCU04AF	
126	1407 4315	IC - TE7751	
127	1407 4321	IC - TC74VHC04F	
128	1407 4462	IC - UPD78217AGC-AB8	
129	1407 4715	IC - 74VHC138 SOP	
130	1407 4718	IC - TC74VHC08F	
131	1407 4889	IC - 74VHC373 SOP	
132	1407 4913	IC - 74VHCT244 SOP	
133	1407 5084	CMOS IC - LOGIC 74VHC11F SOP	
134	1407 5331	IC - TC7MB3245FK	
135	1408 0286	NE555P	

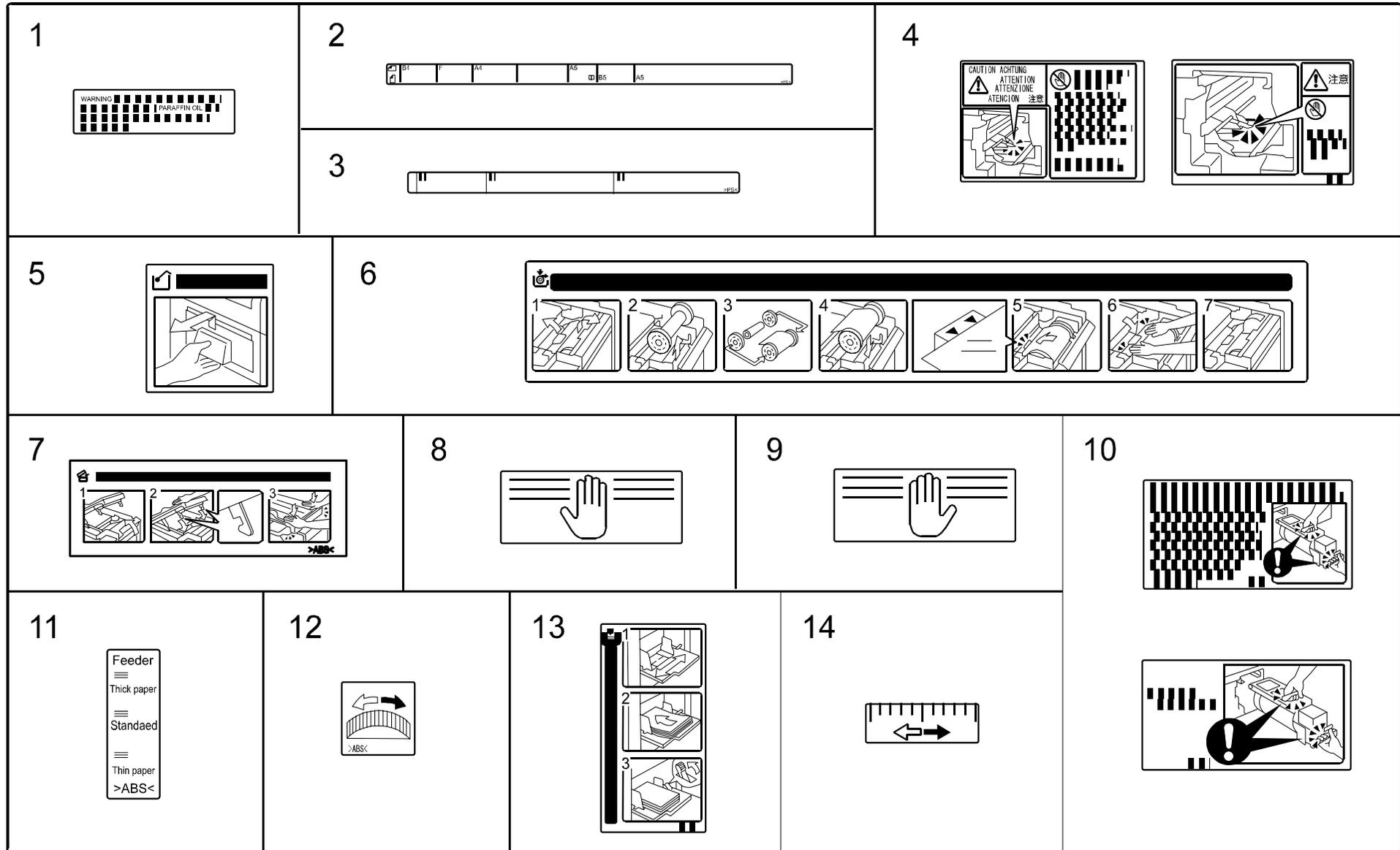
Index No.	Part No.	Description	Q'ty Per Assembly
136	1408 0595	IC - NJM2904M	
137	1408 0611	IC - 3771	
138	1408 0826	IC - TA8428K	
139	1408 0827	IC - TA8429H	
140	1408 0914	IC UPC79N05H	
141	1408 1134	Operational Amplifier - AD817AN	
142	1408 1295	IC - UPC2933T	
143	1408 1337	Series Regulator - TA78M18S	
144	1408 1394	IC - STK672-110	
145	1408 1410	IC - STK672-120	
146	1408 1466	Series Regulator - TA78M05S	
147	1502 0052	Buzzer - MEB-12c-5	
148	1503 0701	Ceramic Oscillator - 11.059MHZ	
149	1503 0727	Crystal Oscillator - CX-5F 20MHZ	
150	1503 0849	Crystal Oscillator - 14.7456Mhz	
151	1601 7780	Resistor	
152	1601 7791	Resistor Array - 1K $\Omega$ $\pm$ 5%	
153	1601 7867	Resistor - 33 $\Omega$ $\pm$ 5% 1/16W	
154	1601 8148	Variable Resistor - 20K $\Omega$ 0.5W	
155	1601 8186	Variable Resistor - 200K $\Omega$	
156	1604 1309	Capacitor - 1 $\mu$ F16V	
157	1605 0237	Capacitor - 0.033 $\mu$ F25V	
158	1605 0599	Capacitor - 0.1 $\mu$ F $\pm$ 10%	
159	1605 0744	Capacitor - EMK212F105Z	
160	1605 0780	Capacitor - 0.022 $\mu$ F $\pm$ 5% 25V	
161	1606 0995	Capacitor - 10pF 50V	
162	1606 1915	Capacitor - 0.0022UF	
163	1607 0477	Coil - BLM21A121SPB	
164	1607 0867	Inductor - BK2125HM601	
165	1630 1101	Resistor - 100 $\Omega$ 1/4W $\pm$ 5%	
166	1630 1201	Resistor - 200 $\Omega$ $\pm$ 5% 1/4W	
167	1630 3101	Resistor - 100 $\Omega$ - 1/10W	
168	1630 3102	Resistor - 1K $\Omega$ 1/10W $\pm$ 5%	
169	1630 3103	Resistor - 10K $\Omega$ 1/10W $\pm$ 5%	
170	1630 3105	Resistor - 1M $\Omega$ $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1630 3151	Resistor - 150 $\Omega$ $\pm$ 5% 1/10W	
172	1630 3163	Resistor - 16K $\Omega$ $\pm$ 5% 1/10W	
173	1630 3202	Resistor - 2K $\Omega$ -1/10W	
174	1630 3244	Resistor - 240K $\Omega$ $\pm$ 5% 1/10W	
175	1630 3303	Resistor - 30K $\Omega$ $\pm$ 5% 1/10W	
176	1630 3330	Resistor - 33 $\Omega$ $\pm$ 5% 1/10W	
177	1630 3332	Resistor - 3.3K $\Omega$ 1/10W $\pm$ 5%	
178	1630 3471	Resistor - 470 $\Omega$ - 1/10W	
179	1630 3472	Resistor - 4.7K $\Omega$ 1/10W $\pm$ 5%	
180	1630 3473	Resistor - 47K $\Omega$ 1/10W $\pm$ 5%	
181	1630 3514	Resistor - 510K $\Omega$ $\pm$ 5% 1/10W	
182	1630 3683	Resistor - 68K $\Omega$ $\pm$ 5% 1/10W	
183	1630 3824	Resistor - 820K $\Omega$ $\pm$ 5% 1/10W	
184	1633 0000	Resistor - 0 $\Omega$ 1/10W	
185	1633 1001	Resistor - 1K $\Omega$ $\pm$ 1% 1/10W	
186	1633 1182	Resistor - 11.8K $\Omega$ $\pm$ 1% 1/10W	
187	1633 1201	Resistor - 1.2K $\Omega$ $\pm$ 1% 1/10W	
188	1633 1241	Resistor - 1.24k $\Omega$ - $\pm$ 1%	
189	1633 1501	Resistor - 1.5k $\Omega$ $\pm$ 1% 1/10w	
190	1633 2152	Resistor - 21.5K $\Omega$ $\pm$ 1% 1/10W	
191	1633 3002	Resistor - 30k $\Omega$ $\pm$ 1% 1/10W	
192	1633 4421	Resistor - 4.42K $\Omega$ $\pm$ 1% 1/10W	
193	1633 3901	Resistor - 3.9 $\Omega$ $\pm$ 1% 1/10W	
194	1633 4702	Resistor - 47K $\Omega$ $\pm$ 1/10W	
195	1633 5101	Resistor - 5.1K $\Omega$ $\pm$ 1% 1/10W	
196	1633 6341	Resistor - 6.34K $\Omega$ $\pm$ 1% 1/10W	
197	1633 8200	Resistor - 820 $\Omega$ $\pm$ 1% 1/10W	
198	1633 9101	Resistor - 9.1K $\Omega$ 1/10W	
199	1633 9530	Resistor - 953 $\Omega$ $\pm$ 1% 1/10W	
200	1640 1101	Capacitor - 100 $\mu$ F- $\pm$ 20% 16V	
201	1640 2470	Capacitor - 47 $\mu$ F $\pm$ 20% 25V	
202	1640 3101	Capacitor - 100 $\mu$ F $\pm$ 20% 35V	
203	1640 5100	Capacitor - 10 $\mu$ F+20% 50	
204	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
205	1660 2151	Capacitor - 150pF $\pm$ 20% 35V	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
207	1660 2270	Capacitor - 27pF $\pm$ 20% 35V	
208	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	
209	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
210	1660 3101	Capacitor - 100pF 50V	
211	1660 5103	Capacitor - 10000pF $\pm$ 10% 50V	
212	1902 0040	SRAM 256K X8 70NS G9	
213	1903 0001	IC - DRAM 16M 4MX4 60NS G1	
214	1904 0013	SRAM - 256K X8 20NS G2	
215	1104 0589	Dip Socket - 32p	
216	1104 0761	IC Socket - 24p	
217	1606 0807	Capacitor - 0.1 $\mu$ F+80% -20% 50V	

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

## 25.Decal And Document (C237/C248)



## 25. Decal And Document (C237/C248)

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<p>17</p>	<p>18</p>
<p>19</p>	<p>20</p>
<p>21</p>	<p>21</p>



## 25.Decal And Document (C237/C248)

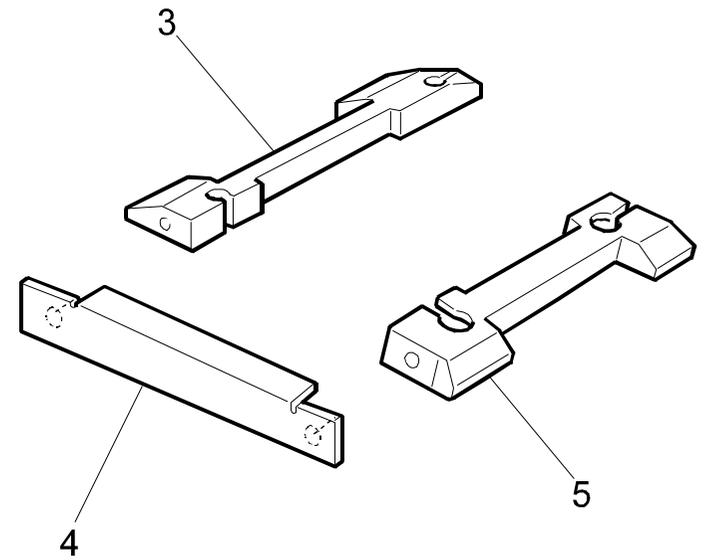
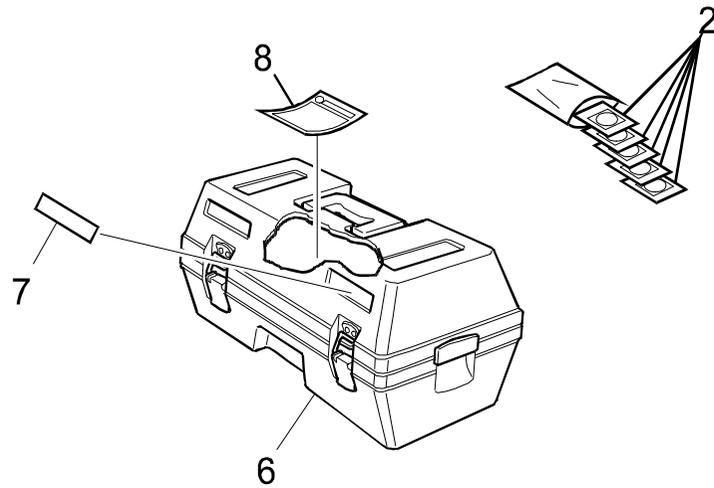
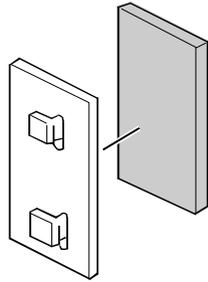
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Index No.	Part No.	Description	Q'ty Per Assembly
1	C217 2529	Decal - Ink Supply (C237)	1
1	C233 1295	Decal - Ink Supply (C248)	1
2	C226 3305	Decal - Front Original Set (C237)	1
2	C248 1721	Decal - Front Original Set (C248)	1
3	C226 3306	Decal - Rear Original Set (C237)	1
3	C248 1722	Decal - Rear Original Set (C248)	1
4	C231 1302	Decal - Paper Exit Pawl (C237)	1
4	C248 1302	Decal - Paper Exit Pawl (C248)	1
5	C231 3521	Decal Eject Box (C237)	1
5	C248 3521	Decal Eject Box (C248)	1
6	C231 5660	Decal - Master Set (C237)	1
6	C248 5660	Decal - Master Set (C248)	1
7	C237 1303	Decal - Scanner Open (C237)	1
7	C248 1303	Decal - Scanner Open (C248)	1
8	C231 1971	Left Decal - Plotter Cover	1
9	C231 1972	Right Decal - Plotter Cover	1
10	C231 2519	Decal - Drum Replace	1
11	C237 2937	Decal - Paper Feed Pressure (C237)	1
11	C248 2937	Decal - Paper Feed Pressure (C248)	1
12	C231 2995	Decal - Side Fence (C237)	1
12	C248 2995	Decal - Side Fence (C248)	1
13	C231 2996	Decal - Paper Set (C237)	1
13	C248 2996	Decal - Paper Set (C248)	1
14	C231 2997	Decal - Paper Level (C237)	1
14	C248 2997	Decal - Paper Level (C248)	1
15	C231 2998	Decal - Paper Size (C237)	1
15	C248 2998	Decal - Paper Size (C248)	1
16	C237 8607	Operating Instructions - English (NA) (C237)	1
16	C248 8608	Operating Instructions - English (RIC-AA) (C248)	1
16	C237 8690	Operating Instructions - English (NRG EU) (C237)	1
16	C248 8690	Operating Instructions - English (NRG EU) (C248)	1

Index No.	Part No.	Description	Q'ty Per Assembly
16	C237 8697	Operating Instructions - English (GES/SVN NA) (C237)	1
16	C248 8697	Operating Instructions (USA) (C248)	1
16	C248 8688	Operating Instructions English (GES-AA) (C248)	1
16	C237 8698	Operating Instructions - English (STD) (C237)	1
16	C248 8698	Operating Instructions - English (STD) (C248)	1
17	C237 1301	Ink Supply Sheet	1
18	C229 1354	Decal Paper Feed (C237)	1
18	C239 1359	Decal Paper Feed (C248)	1
18	C229 1359	Caution Decal (C237)	1
18	C229 1354	Caution Decal (C248)	1
19	A153 6409	Decal - Keytop Cover (GES) (C237)	1
19	C225 2866	Decal - Keytop Cover (REX) (C237)	1
19	C225 2867	Decal - Keytop Cover (NSA) (C237)	1
19	C248 1321	Decal - Emblem 5308b+ (C248)	1
19	C248 1322	Decal - Emblem 1225B+ (C248)	1
19	C248 1323	Decal - Emblem CP308b+ (C248)	1
19	C248 1324	Decal - Emblem 5308+ (C248)	1
19	C248 1325	Decal - Emblem 1225+ (C248)	1
19	C248 1326	Decal - Emblem CP308+ (C248)	1
19	C248 1327	Decal - Emblem JP1250 (C248)	1
19	C248 1341	Decal - Emblem JP1215 (C248)	1
19	C248 1342	Decal - Emblem 5300 (C248)	1
19	C248 1343	Decal - Emblem JP1255 (C248)	1
19	C248 1344	Decal - Emblem SD350 (C248)	1
20	C231 2570	Decal - Ink Release Lever (C237)	1
21	C231 2571	Decal - Ink Set Lever	1

## 26. Accessories And Special Tools (C237/C248)

1



## 26. Accessories And Special Tools (C237C248)

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1	C237 2773	Side Fence Pad	2
2	C526 2251	Drum Decal - Red (C237)	1
2	C577 1351	Drum Decal - Red (C248)	1
2	C526 2252	Drum Decal - Blue (C237)	1
2	C577 1352	Drum Decal - Blue (C248)	1
2	C526 2253	Drum Decal - Green (C237)	1
2	C577 1353	Drum Decal - Green (C248)	1
2	C526 2254	Drum Decal - Brown (C237)	1
2	C577 1354	Drum Decal - Brown (C248)	1
2	C577 1359	Drum Decal - White (C248)	1
2	C526 2259	Drum Decal - Blank (C237)	1
3	A682 6167	Rear Stand	1
4	A682 6170	Stand Fixing Plate	1
5	A682 6166	Front Stand	1
6	C583 1000	Option Drum Case Ass'y (C237)	1
6	C584 1010	Option Drum Case Ass'y (C248)	1
7	C583 1265	Decal - Drum Model LG (C237)	1
7	C583 1330	Decal - Drum Model LG (C248)	1
7	C584 1265	Decal - Drum Model B4 (C237)	1
7	C584 1330	Decal - Drum Model B4 (C248)	1
7	C585 1265	Decal - Drum Model A4 (C237)	1
7	C585 1330	Decal - Drum Model A4 (C248)	1
8	C583 1255	Decal - Drum Position (C237)	1
8	C584 1310	Decal - Drum Position (C248)	1

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



**C237/C248**  
**PARTS INDEX**



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

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	C237 2104	Platen Roller - B4	Platen Roller - B4	1	25- 17
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	C237 3050	Pressure Roller Ass'y - B4	Pressure Roller Ass'y - B4	1	29- 14
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1630 3471	Resistor - 470 $\Omega$ - 1/10W	59-178
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1633 9530	Resistor - 953 $\Omega$ $\pm$ 1% 1/10W	59-199
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1640 2470	Capacitor - 47 $\mu$ F $\pm$ 20% 25V	59-201
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Part No.	Description	Page and Index No.

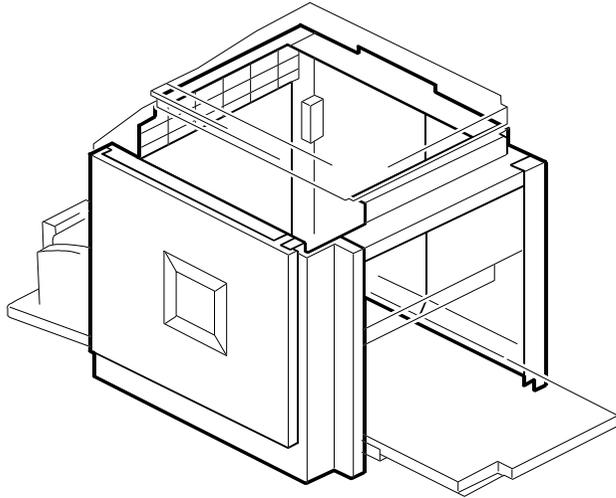
**C238**  
**PARTS LOCATION AND LIST**



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

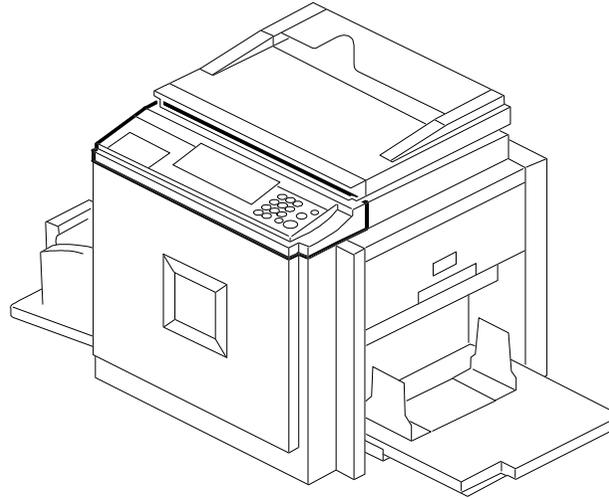
# LOCATIONS OF UNITS

1. EXTERIOR (C238)



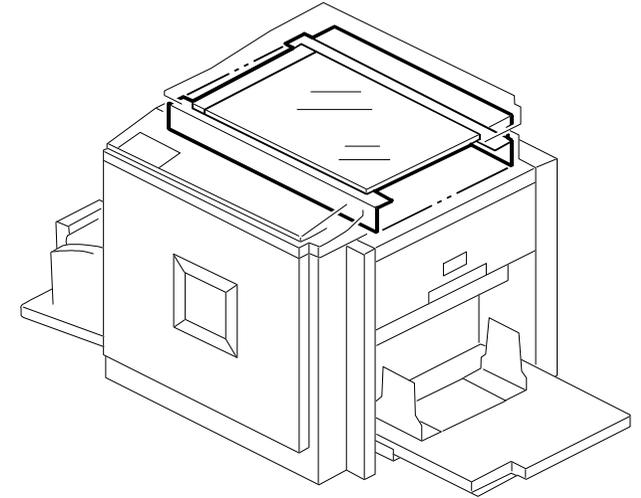
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2. Operation Panel (C238)



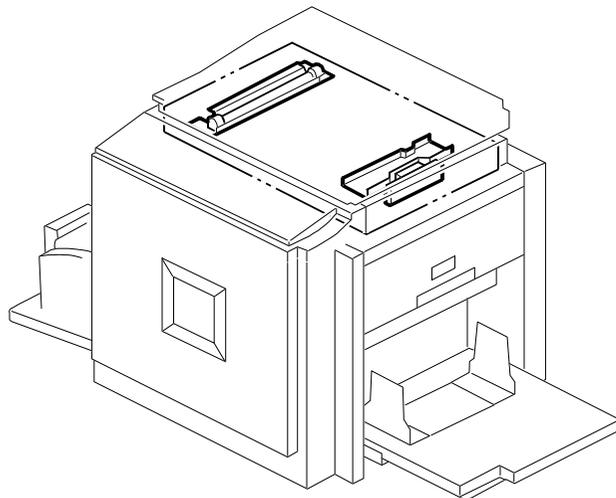
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3. Scanner Unit 1 (C238)



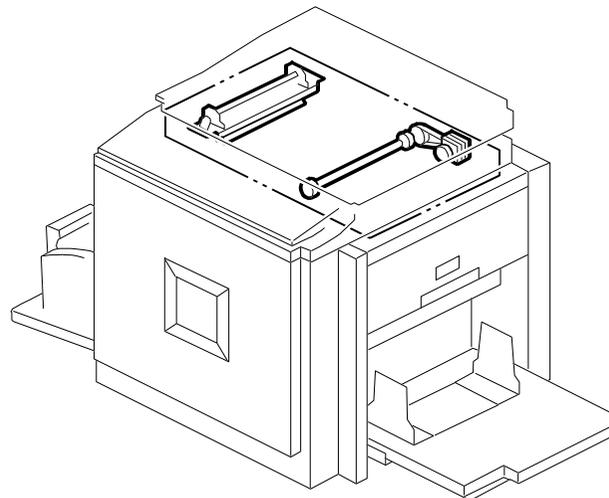
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4. Scanner Unit 2 (C238)



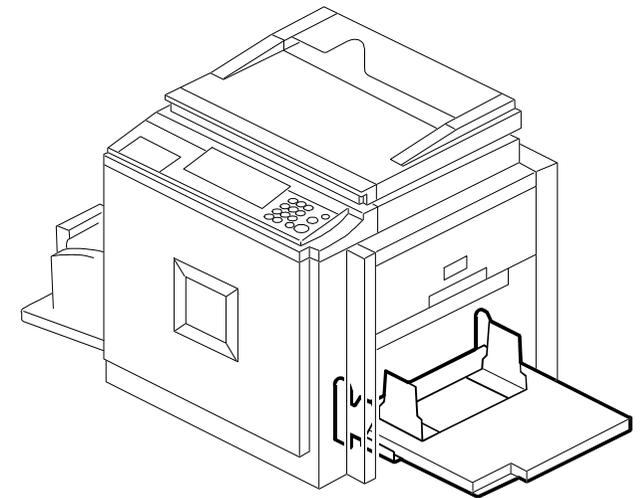
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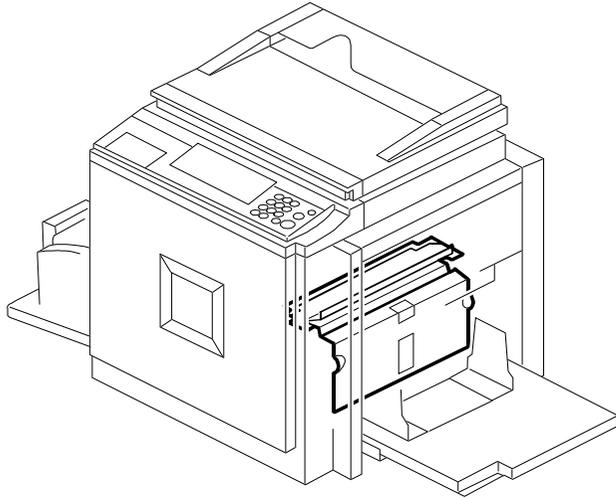
6. Paper Table Section (C238)



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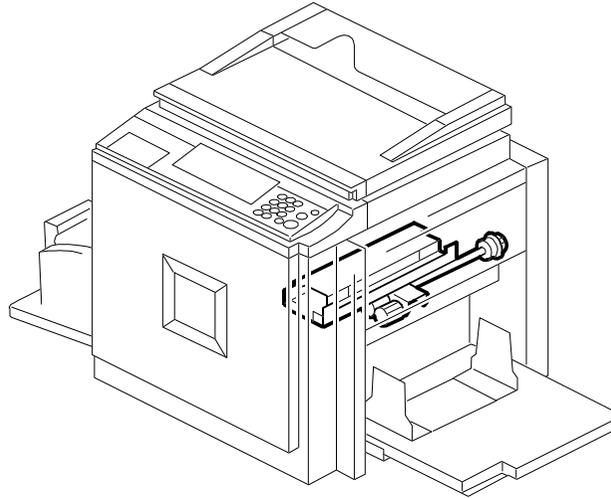
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7. Paper Feed Section (C238)



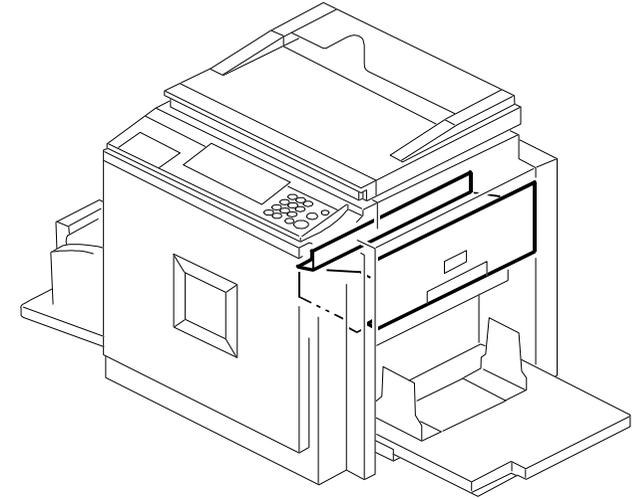
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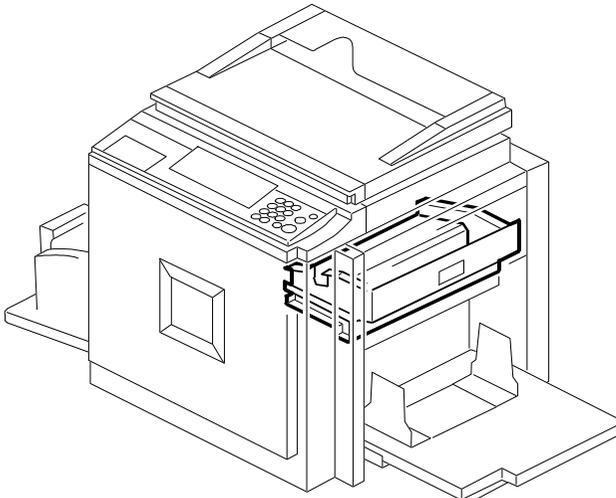
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9. Plotter Unit 1 (C238)



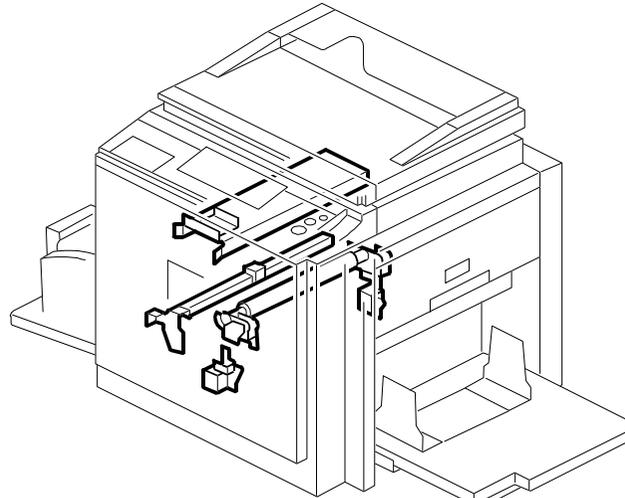
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10. Plotter Unit 2 (C238)



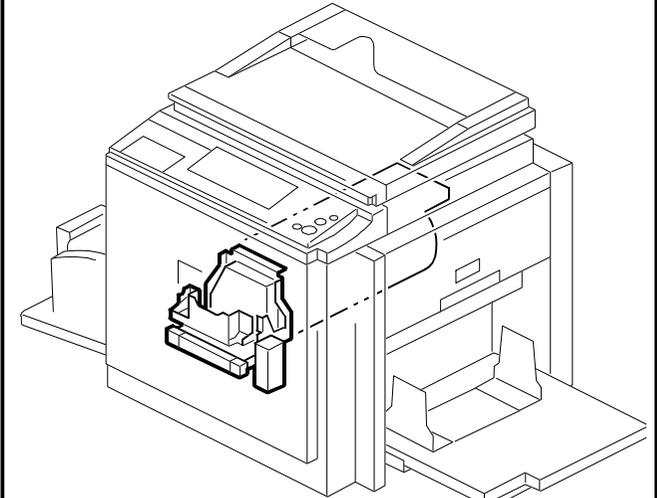
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11. Press Roller Section (C238)



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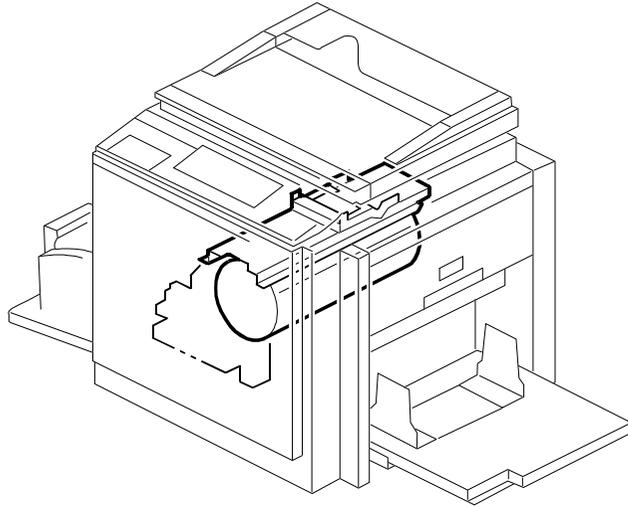
12. Drum Unit 1 (C238)



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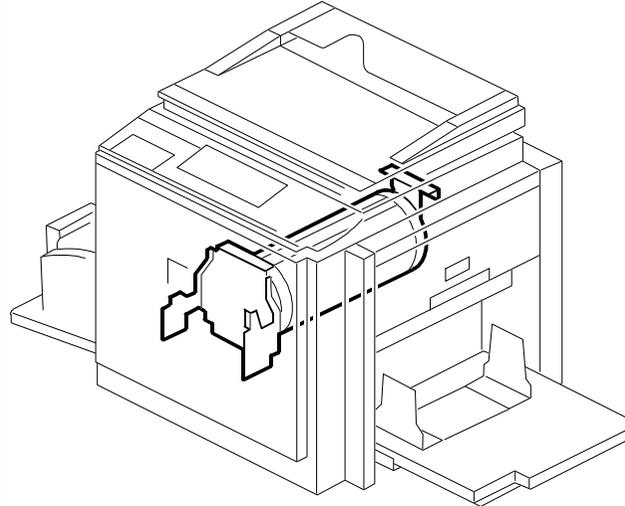
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13. Drum Unit 2 (C238)



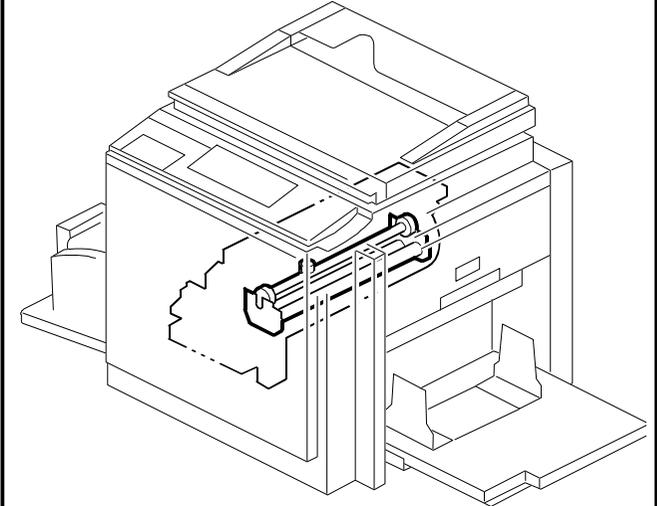
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14. Drum Unit 3 (C238)



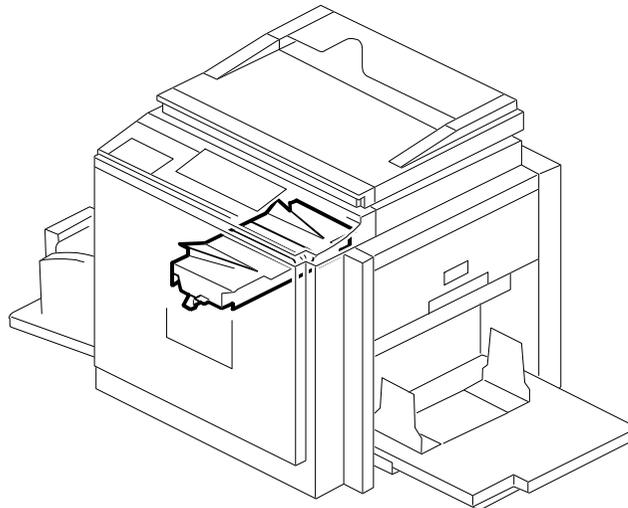
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15. Drum Unit 4 (C238)



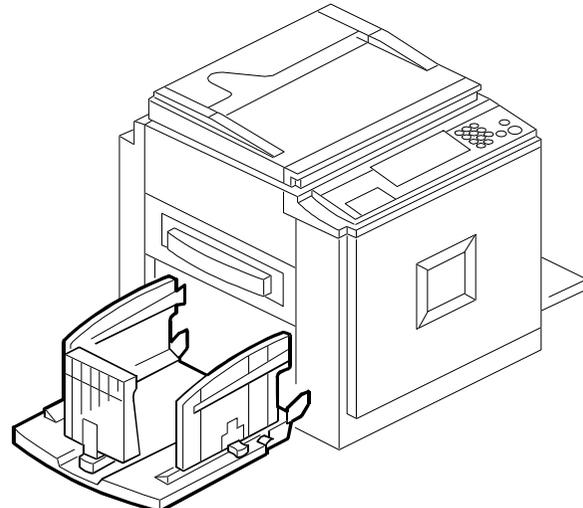
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16. Vacuum Fan Unit (C238)



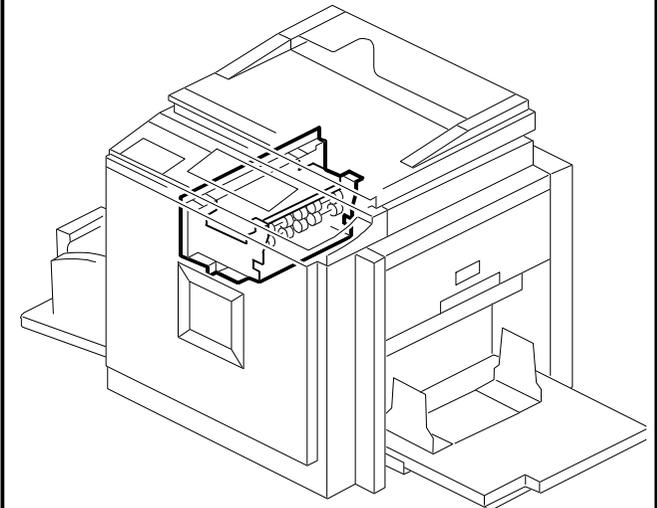
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17. Delivery Table (C238)



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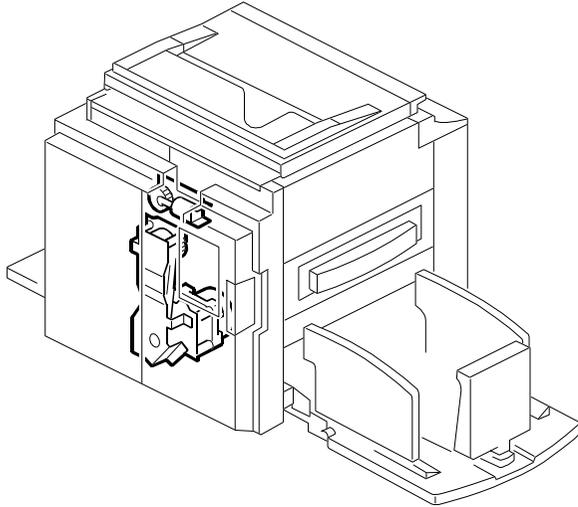
18. Master Eject Unit (C238)



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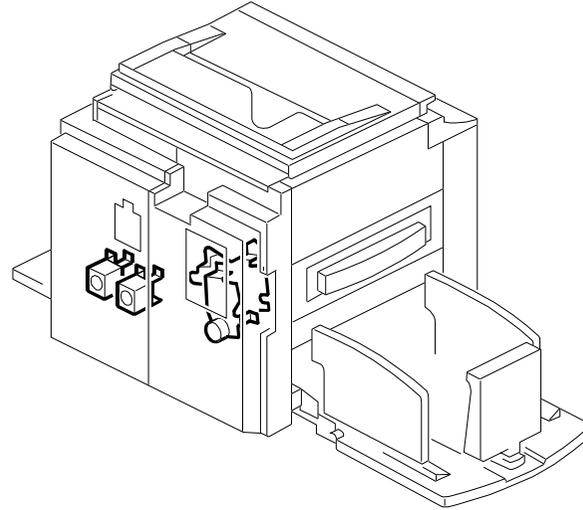
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19. Drive Section 1 (C238)



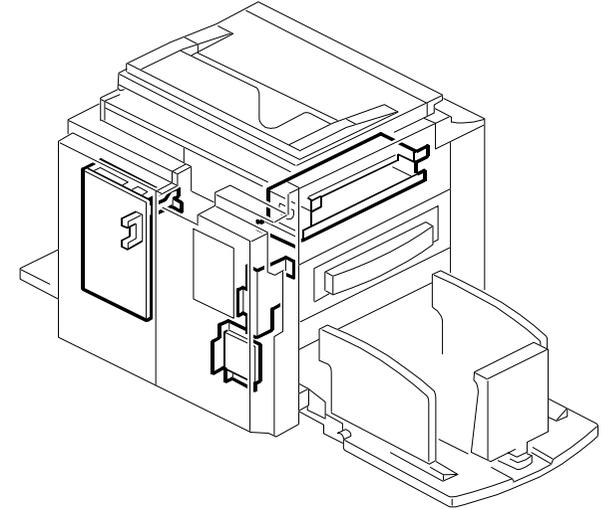
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20. Drive Section 2 (C238)



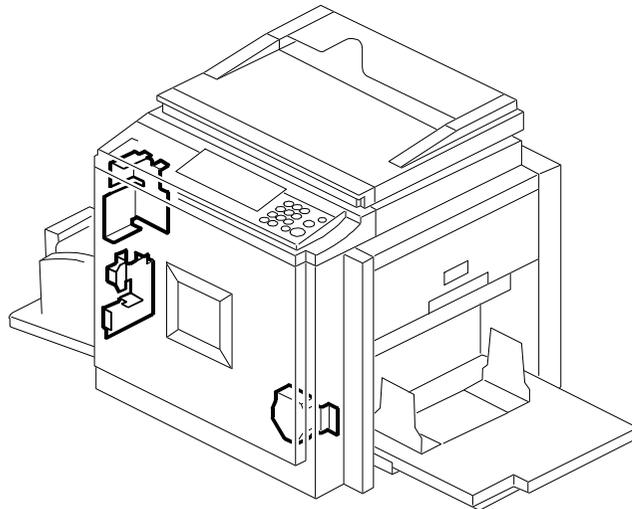
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21. Electrical Section 1 (C238)



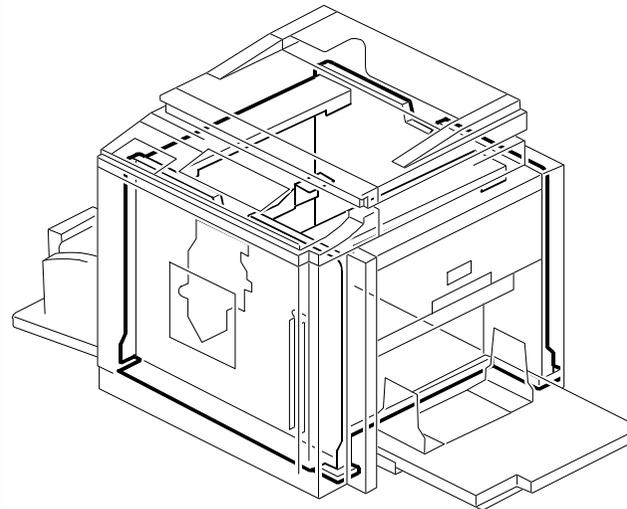
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22. Electrical Section 2 (C238)



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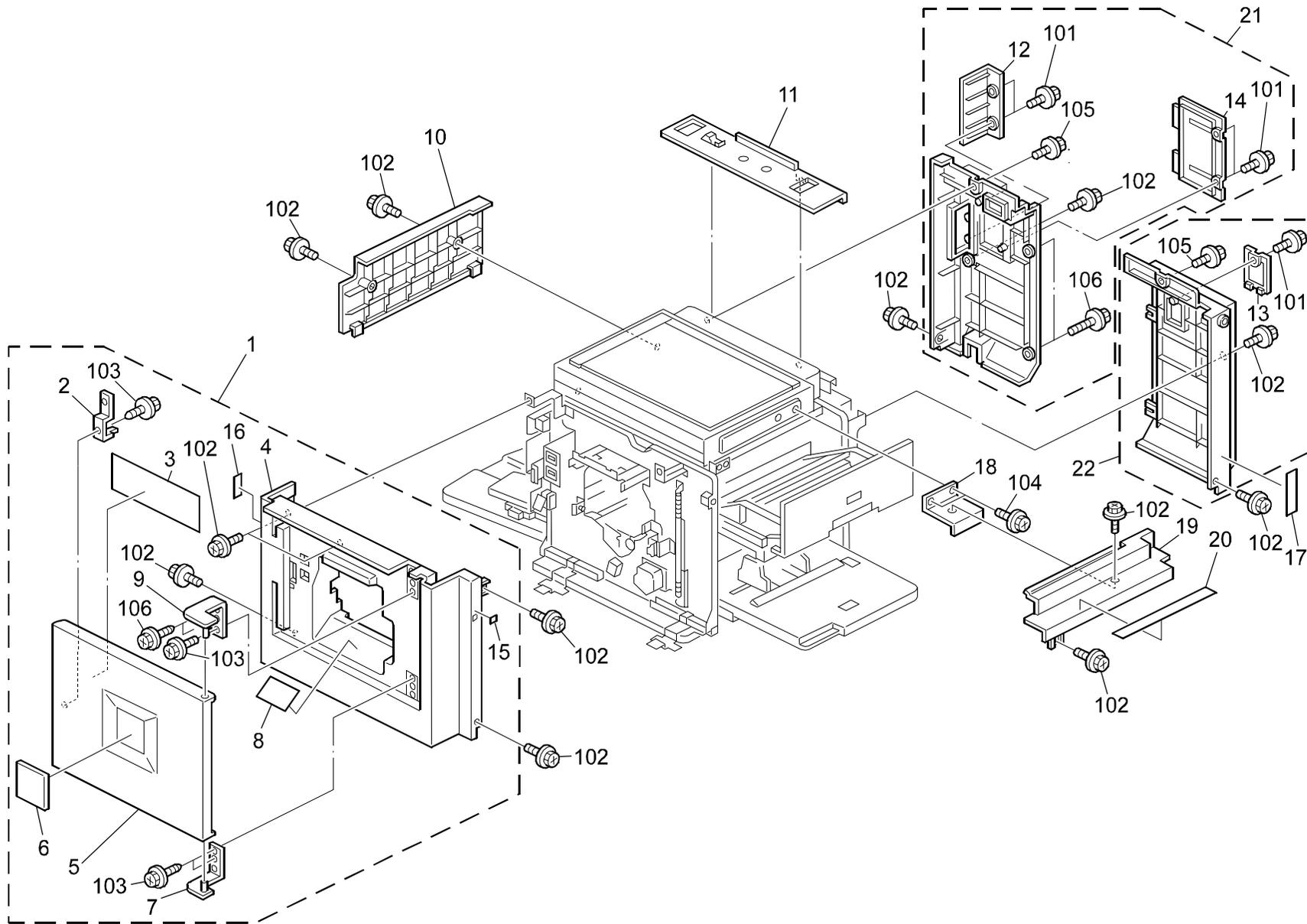
23. Frame Section (C238)



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# 1.EXTERIOR (C238)

Rev. 01/31/2003



# 1.EXTERIOR (C238)

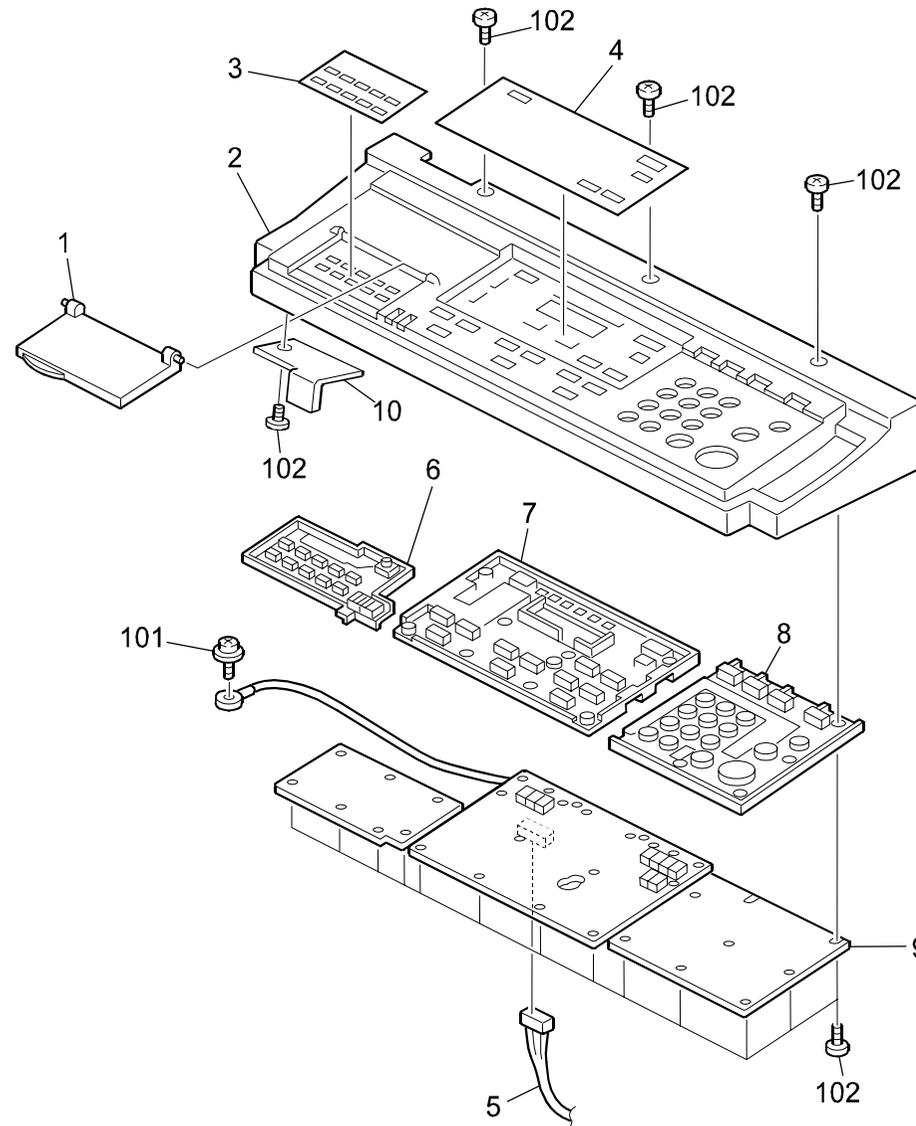
Rev. 07/07/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 1260	Front Cover Ass'y	1
2	C238 1291	Safe Switch Bracket	1
3	C238 1301	Operation Sheet	1
4	C238 1265	Front Cover	1
5	C238 1290	Door Cover	1
6	C238 1269	Emblem Decal - RIC	1
6	C238 1320	Emblem Decal - SD370	1
6	C238 1321	Emblem Decal - GES5430	1
6	C238 1322	Emblem Decal - REX1330	1
6	C238 1323	Emblem Decal - NSA CP430	1
6	C238 1324	Emblem Decal - GES5430	1
7	C238 1391	Lower Hinge	1
8	C238 1312	Decal - Exit Pawl	1
9	C238 1390	Upper Hinge	1
10	C238 1242	Left Scanner Cover	1
11	B024 1251	Upper Rear Cover - Scanner	1
12	C238 1363	Control Unit Cap	1
14	C238 1364	Control Board Cap	1
15	C238 1352	Decal - Paper Table	1
16	C238 1314	Decal - Main Switch - CHN	1
17	C238 1359	Decal - Paper Table	1
18	C238 1385	Scanner Cover Bracket	1
19	C238 1241	Rear Scanner Cover	1
20	C238 5660	Decal - Master Set	1
21	C238 1362	Rear Cover Ass'y - Left	1
22	C238 1361	Rear Cover Ass'y - Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008H	Tapping Screw - M3x8	
102	0451 4008H	Tapping Screw - 4x8	
103	0450 4010B	Tapping Screw - 4x10	
104	0451 3006B	Tapping Screw - M3x6	
105	0451 3010H	Tapping Screw - 3x10	
106	0451 4012H	Tapping Screw - 4x12	

## 2.Operation Panel (C238)

Rev. 07/07/2003



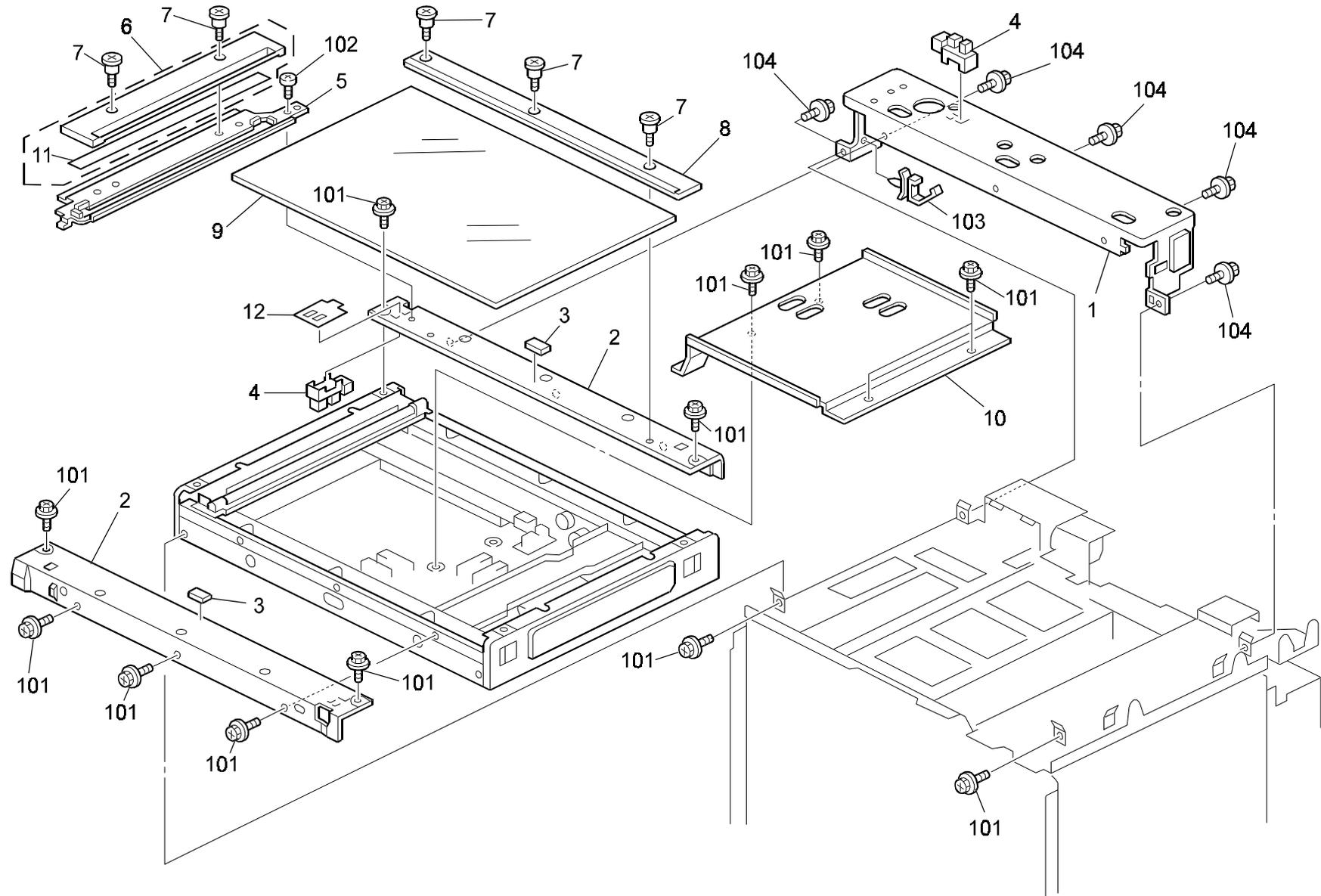
## 2.Operation Panel (C238)

Rev. 07/07/2003

Index No.	Part No.	Description	Q'ty Per Assembly
*	C238 1411	Operation Panel Ass'y - NA	1
*	C238 1427	Operation Panel Ass'y - EU	1
*	C238 1426	Operation Panel Ass'y - CHN	1
*	C238 1429	Operation Panel - Metric	1
1	C238 1490	Panel Cover	1
2	C238 1580	Panel Base - NA	1
2	C238 1581	Panel Base - EU	1
2	C238 1578	Panel Base - CHN	1
3	C238 1491	Left Sheet - NA	1
3	C238 1496	Left Sheet - EU	1
3	C238 1501	Left Sheet - CHN	1
4	C238 1492	Middle Sheet - NA	1
4	C238 1497	Middle Sheet - EU	1
4	C238 1502	Middle Sheet - CHN	1
4	C238 1503	Middle Sheet - Metric (-13,-23,-29,-54)	1
5	C238 5200	DC Harness	1
6	C238 1486	Left Keys	1
7	C238 1488	Center Keys	1
8	C238 1487	Right Keys	1
9	C238 5180	Operation Panel Board	1
10	C238 1585	Left Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006Z	Philips Screw With Flat Washer - M3	
102	0353 0040Z	Binding Head Screw M3x4 (100pcs)	

### 3.Scanner Unit 1 (C238)



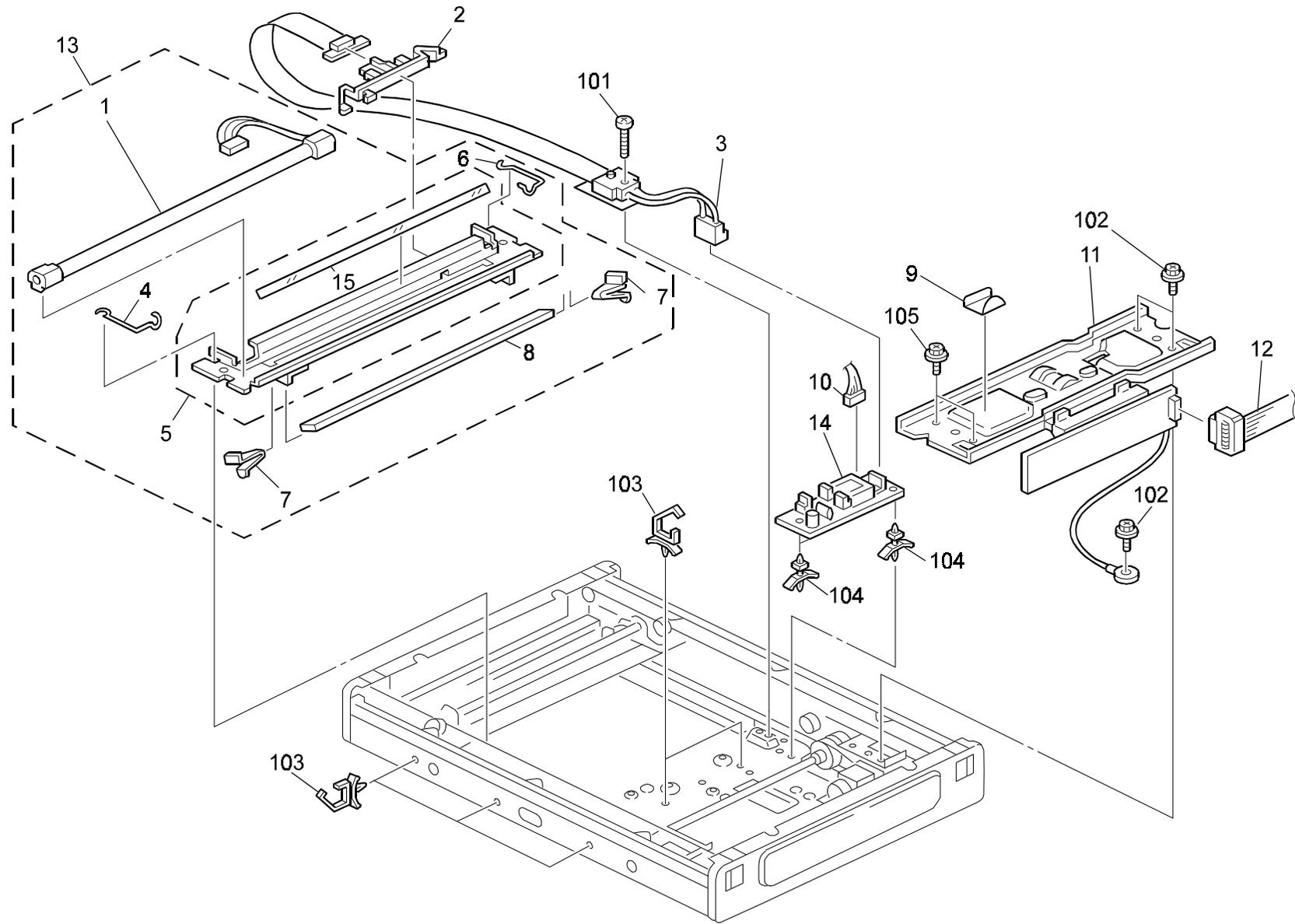
### 3.Scanner Unit 1 (C238)

Rev. 01/31/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	A267 1814	Hinge Bracket - Platen Cover	1
2	A267 1813	Scanner Frame	2
3	5442 1924	Exposure Glass Cushion	2
4	AW02 0086	Photointerruptor	1
5	A267 1742	Bracket - Scale	1
6	B024 1680	Left Scale	1
7	A193 1759	Stepped Screw	5
8	B024 1701	Inner Back Scale	1
9	A250 1752	Exposure Glass	1
10	A267 1815	Right Inner Cover	1
11	A193 1752	Left Scale Guide	1
12	A267 1820	Sheet - Photointerrupter	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0353 0050Z	Philips Truss Head Screw - M3x5	
103	1105 0488	Harness Clamp	
104	0451 3008B	Tapping Screw - M3x8	

## 4.Scanner Unit 2 (C238)

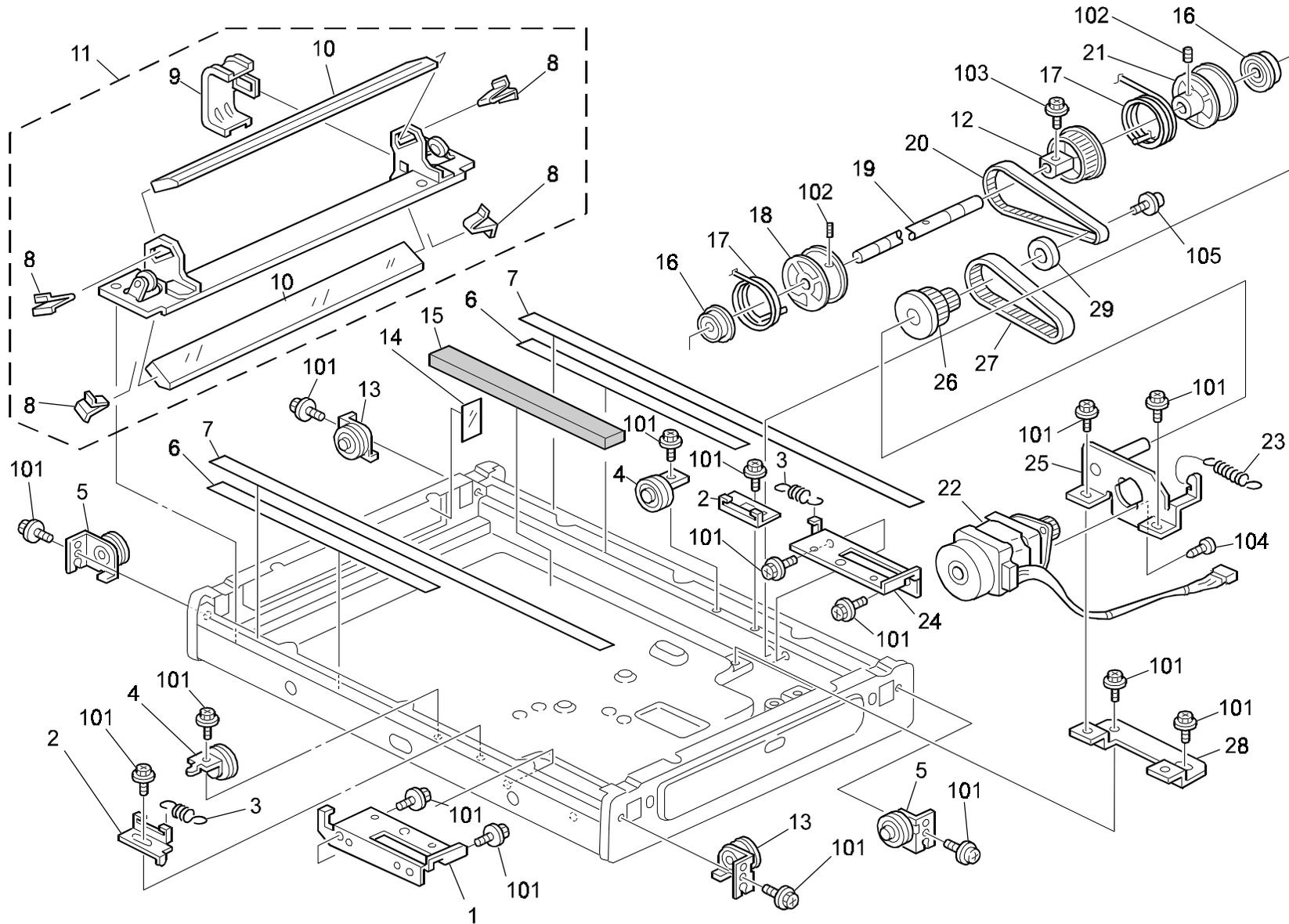


#### 4.Scanner Unit 2 (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C236 1672	Xenon Lamp - 10	1
2	A267 1758	Harness Guide - Exposure Lamp	1
3	A267 5703	Flexible Cable	1
4	A193 1766	Wire Clamp	1
5	A267 1752	1st Scanner Housing	1
6	A193 1769	Clamp - Rear Wire	1
7	A193 1767	1st Mirror Holder	2
8	A250 1784	1st Mirror	1
9	C236 1719	Ground Plate - Scanner Unit	1
10	C238 5220	Scanner Harness	1
11	C236 1673	Lens Ass'y	1
12	C236 5209	SBU Harness	1
13	C236 1655	Carriage No.1 Ass'y	1
14	A250 5736	Lamp Stabilizer	1
15	A100 1714	Reflector	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0453 3014B	Tapping Screw - M3x14	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	1105 0460	Clamp	
104	1105 0195	PCB Stud	
105	0451 3006B	Tapping Screw - M3x6	

# 5.Scanner Unit 3 (C238)



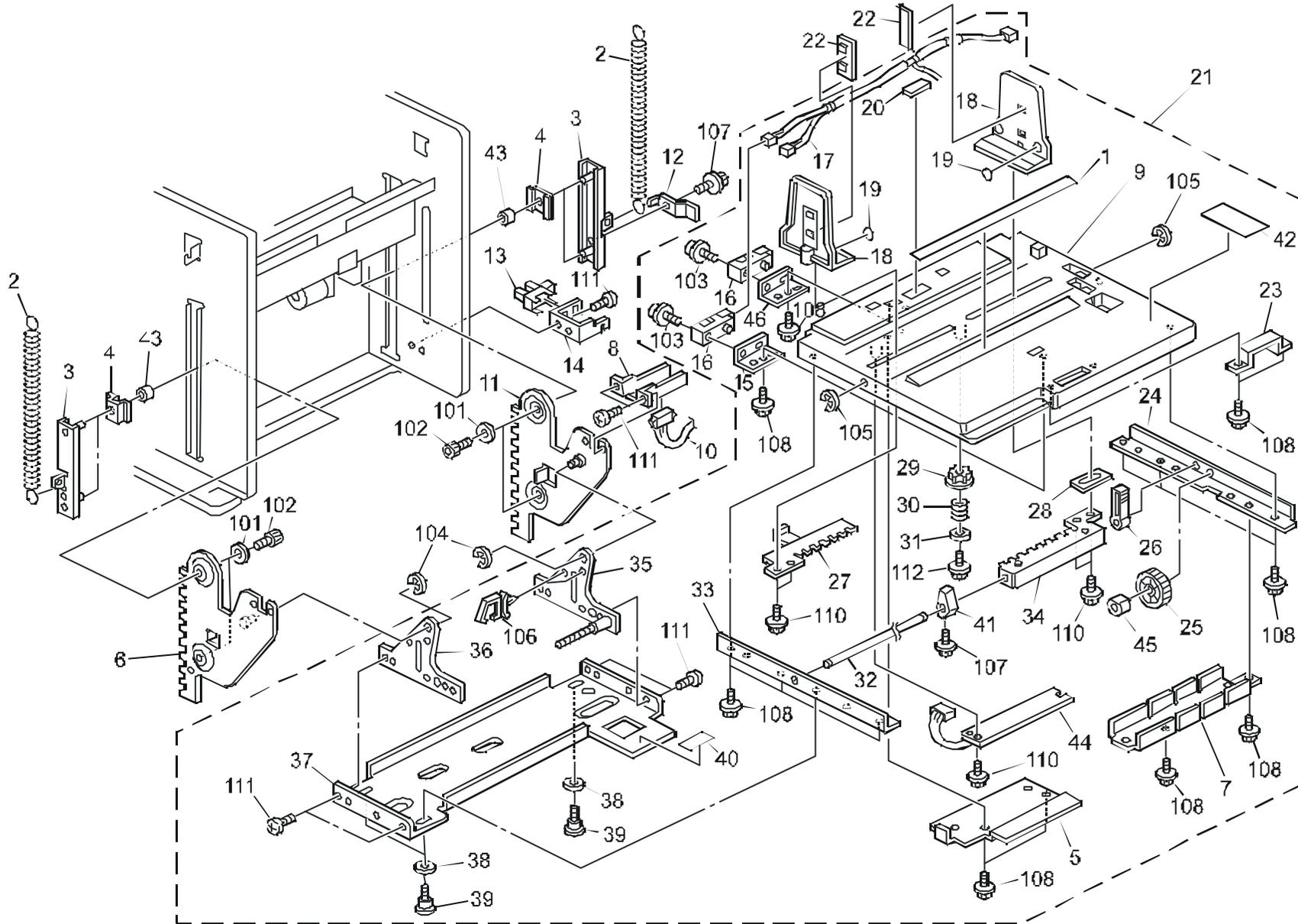
### 5.Scanner Unit 3 (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A267 1811	Front Stay Bracket	1
2	A267 1849	Tension Bracket	2
3	A193 1783	Tension Spring	2
4	A267 1846	Idler Bracket	2
5	A267 1853	Pulley - Front Left	2
6	A267 1817	Slide Rail - 2	2
7	A193 1816	Slide Rail	2
8	A267 1777	Mirror Holder	4
9	A267 1776	Guide - FPC	1
10	AC03 0123	3rd Mirror	2
11	A267 1671	Carriage - No.2 Ass'y	1
12	AB03 0630	Timing Pulley - 60T	1
13	A267 1854	Pulley - Rear Left	2
14	A267 1819	Insulating Sheet - Side Plate	1
15	A267 1816	Guide - Flexible Board	1
16	A193 1829	Ball Bearing - M8	2
17	AA05 0107	Scanner Wire	2
18	AB03 2066	Front Pulley - Wire Drive	1
19	A267 1825	Scanner Drive Shaft	1
20	C236 1822	Timing Belt - B60S2M186	1
21	AB03 2067	Rear Pulley - Wire Drive	1
22	C236 1825	Stepper Motor - Ass'y	1
23	C236 1816	Tension Spring 8215mn	1
24	A267 1812	Rear Stay Bracket	1
25	C236 1817	Motor Bracket	1
26	C236 1812	Pulley - Slow Down Ass'y	1
27	C236 1821	Timing Belt - B60S2M140	1
28	C236 1815	Stepper Motor Base	1
29	C236 1829	Slow Down Flange - MM15	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0575 0050E	Hexagon Headless Set Screw - M5x5	
103	0451 3008B	Tapping Screw - M3x8	
104	0313 0050B	Philips Pan Head Screw - M3x5	
105	0951 3006Z	Philips Screw With Flat Washer - M3	

# 6.Paper Table Section (C238)

Rev. 07/02/2003



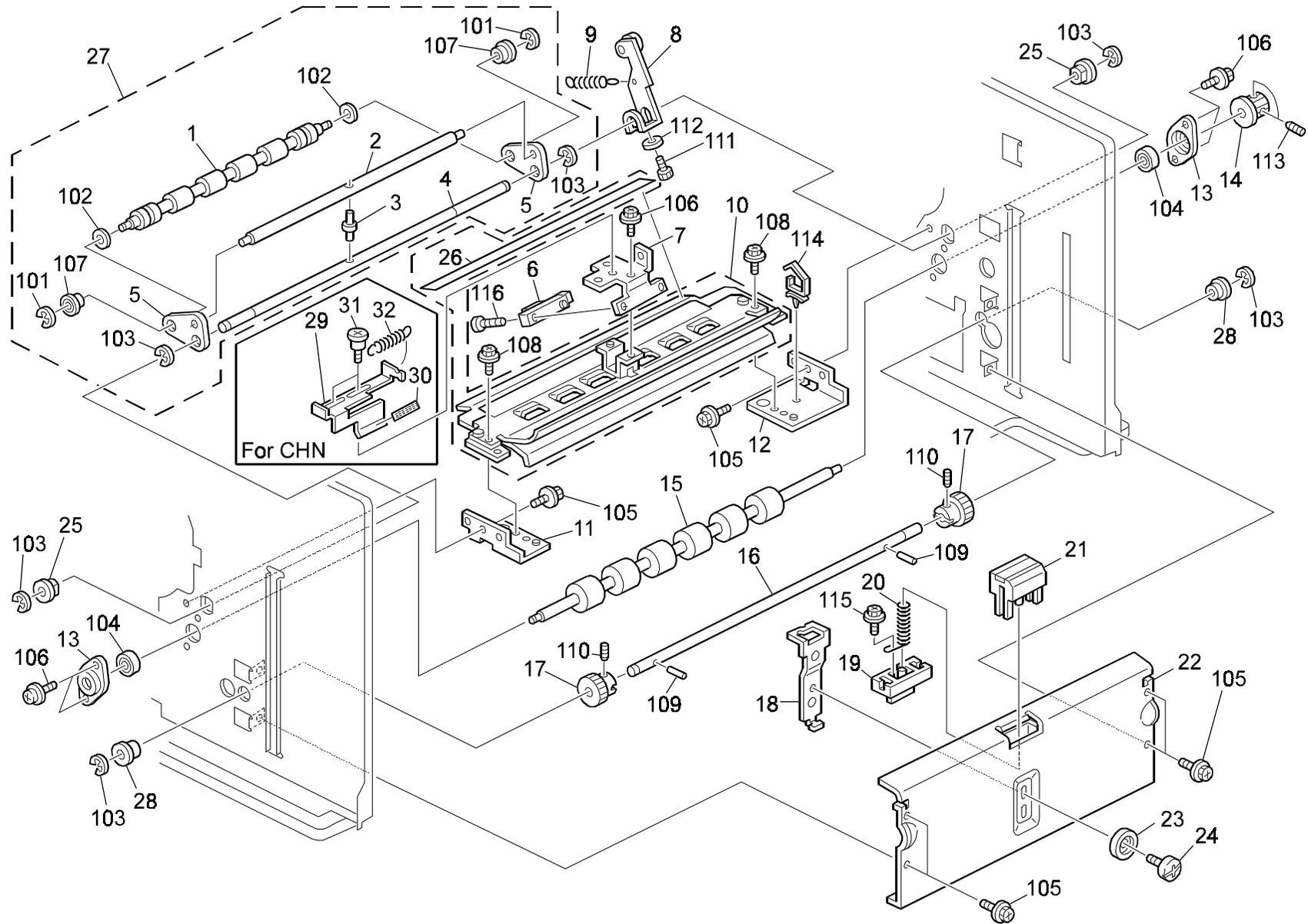
## 6.Paper Table Section (C238)

Rev. 03/07/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2998	Decal - Paper Size	1
2	C238 2779	Paper Tray Spring	2
3	C238 2800	Tray Lift Bracket	2
4	C238 2805	Tray Lift Slider	4
5	C238 2956	Tray Cover	1
6	C238 2790	Front Tray Rack	1
7	C249 2957	Sensor Cover <b>[TSB#048]</b>	1
8	C247 2793	Paper Size Sensor Stay <b>[TSB#058]</b>	1
9	C249 2949	Paper Feed Tray <b>[TSB#048]</b>	1
10	C247 5237	Paper Tray Harness <b>[TSB#059]</b>	1
11	C238 2796	Rear Tray Rack	1
12	C238 2806	Tray Position Feeler	1
13	AW02 0075	Photointerrupter	1
14	C238 2825	Sensor Bracket	1
15	C238 2986	Sensor Bracket - Paper Feed Tray	1
16	AW01 0076	Photosensor - PS-117D1	1
17	C247 5236	Harness - Paper Feed Tray <b>[TSB#058]</b>	1
18	C238 2980	Side Fence	2
19	C201 5015	Seal - M10	2
20	C249 2840	Paper Feed Tray Pad <b>[TSB#045]</b>	1
21	C238 2700	Paper Feed Tray	1
22	C238 2771	Paper Plate Pad	2
23	C231 2990	Magnet Catch Holder	1
24	C238 2952	Rear Stay	1
25	C238 2964	Tray Adjuster	1
26	C238 2973	Lock Knob	1
27	C249 2976	Front Side Fence Rack <b>[TSB#045]</b>	1
28	C238 2983	Side Fence Spacer	1
29	C238 2987	Side Fence Gear	1
30	C231 2985	Spring	1
31	C209 6168	End Fence Washer	1
32	C238 2970	Lock Shaft	1
33	C238 2951	Front Stay	1
34	C238 2981	Rear Side Fence Rack	1
35	C238 2961	Rear Arm	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C238 2960	Front Arm	1
37	C238 2955	Tray Base	1
38	C231 2976	Washer	3
39	5219 1957	Stepped Screw - M4	3
40	C238 2997	Decal - Scale	1
41	C231 2971	Lock Cam	1
42	C238 2996	Decal - Paper Set	1
43	5606 2310	Roller	2
44	C238 5155	Paper Size Sensor Board	1
45	C231 2965	Core	1
46	C238 2985	Sensor Bracket - Paper End	1
101	0701 0040Z	Flat Washer - M4	
102	0594 0080E	Bolt - M4x8	
103	0951 3012B	Philips Screw With Flat Washer - M3x12	
104	0720 0060E	Retaining Ring - M6	
105	0720 0040E	Retaining Ring - M4	
106	1105 0516	Clamp	
107	0451 3006B	Tapping Screw - M3x6	
108	0450 4008B	Tapping Screw - 4x8	
109	0451 4006B	Tapping Screw - 4x6	
110	0450 3006B	Tapping Screw - M3x6	
111	0314 0040B	Philips Pan Head Screw - M4x4	
112	0450 3008B	Tapping Screw - M3x8	

# 7.Paper Feed Section (C238)



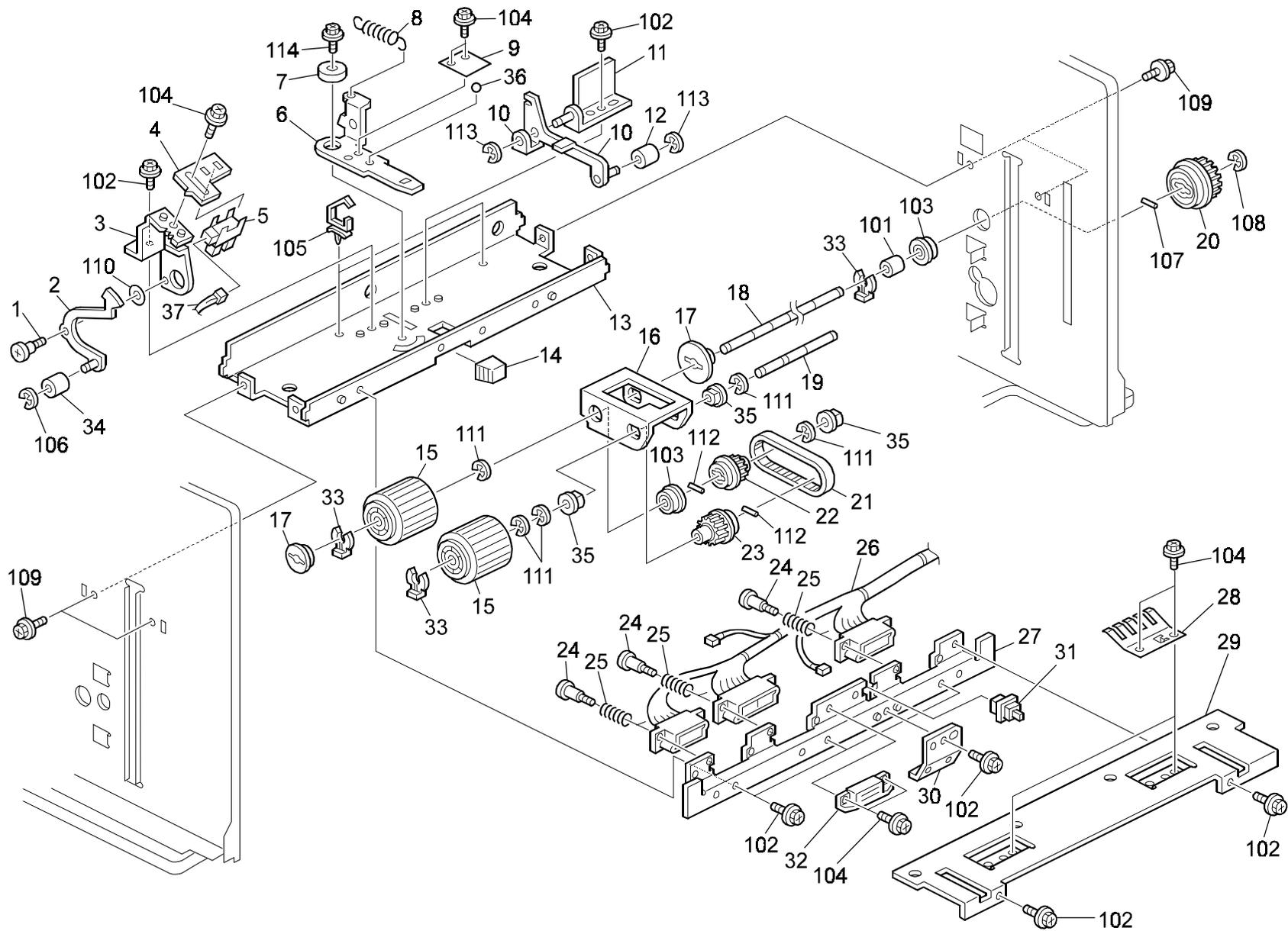
## 7.Paper Feed Section (C238)

Rev. 03/10/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2894	Upper Registration Roller	1
2	C238 2898	Upper Registration Shaft 1	1
3	C231 2766	Pressure Pin	1
4	C238 2900	Upper Registration Shaft 2	1
5	C238 2893	Upper Registration Arm	2
6	C229 5807	Photosensor - GP2A25	1
7	C238 2921	Registration Sensor Bracket	1
8	C238 2922	Registration Roller Follower	1
9	C238 2901	Registration Pressure Spring	1
10	C238 2909	Guide Plate	1
11	C238 2887	Front Guide Plate Bracket	1
12	C238 2889	Rear Guide Plate Bracket	1
13	C201 4665	Bearing Holder	2
14	C229 2907	Registration Roller Pulley - 14Z	1
15	C238 2904	Lower Registration Roller	1
16	C238 2781	Paper Tray Shaft	1
17	C201 5051	Pinion - 24t	2
18	C238 2875	Separation Adjuster	1
19	C238 2877	Separation Spring Holder	1
20	C238 2878	Separation Spring	1
21	C238 2845	Separation Pad	1
22	C238 2871	Paper Separation Stay	1
23	C238 2874	Screw Holder	1
24	C238 2873	Adjusting Screw	1
25	5053 0419	Bushing - 10mm	2
26	C238 2915	Guide Plate Sheet	1
27	C238 2891	Upper Registration Roller Ass'y	1
28	C203 5135	Bushing - 10x14x5.9	2
29	C238 2855	Sensor Cleaning Lever (CHN)	1
30	C238 2856	Sensor Cleaning Brush (CHN)	1
31	C236 2844	Stepped Screw (CHN)	1
32	C238 2853	Sensor Cleaning Spring (CHN)	1

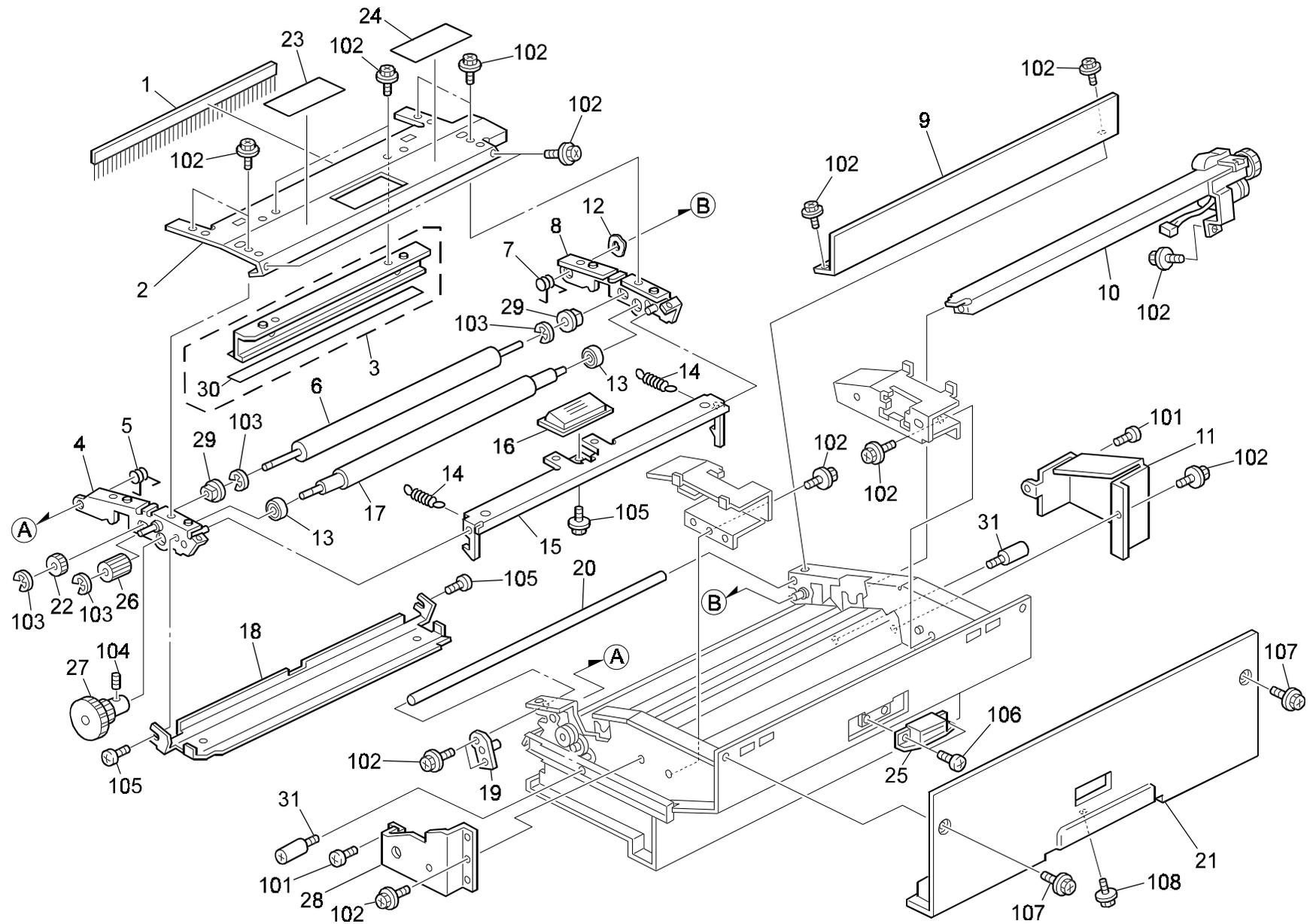
Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0701 0060Z	Flat Washer - M6	
103	0720 0080E	Retaining Ring - M8	
104	0740 3908	Ball Bearing - 8x19x6	
105	0451 4006B	Tapping Screw - 4x6	
106	0451 3006B	Tapping Screw - M3x6	
107	0741 3706	Ball Bearing - 6x10x3	
108	0451 4008W	Tapping Screw - M4x8	
109	0624 0160E	Spring Pin - 4x16mm	
110	0574 0040E	Hexagon Headless Set Screw - M4x4	
111	0594 0080E	Bolt - M4x8	
112	0701 0040Z	Flat Washer - M4	
113	0574 0050E	Hexagon Headless Set Screw - M4x5	
114	1105 0511	Harness Clamp - LWS-0306ZC	
115	0450 3006B	Tapping Screw - M3x6	
116	0453 3006B	Tapping Screw - M3x6	

## 8.Paper Registration (C238)





# 9. Plotter Unit 1 (C238)

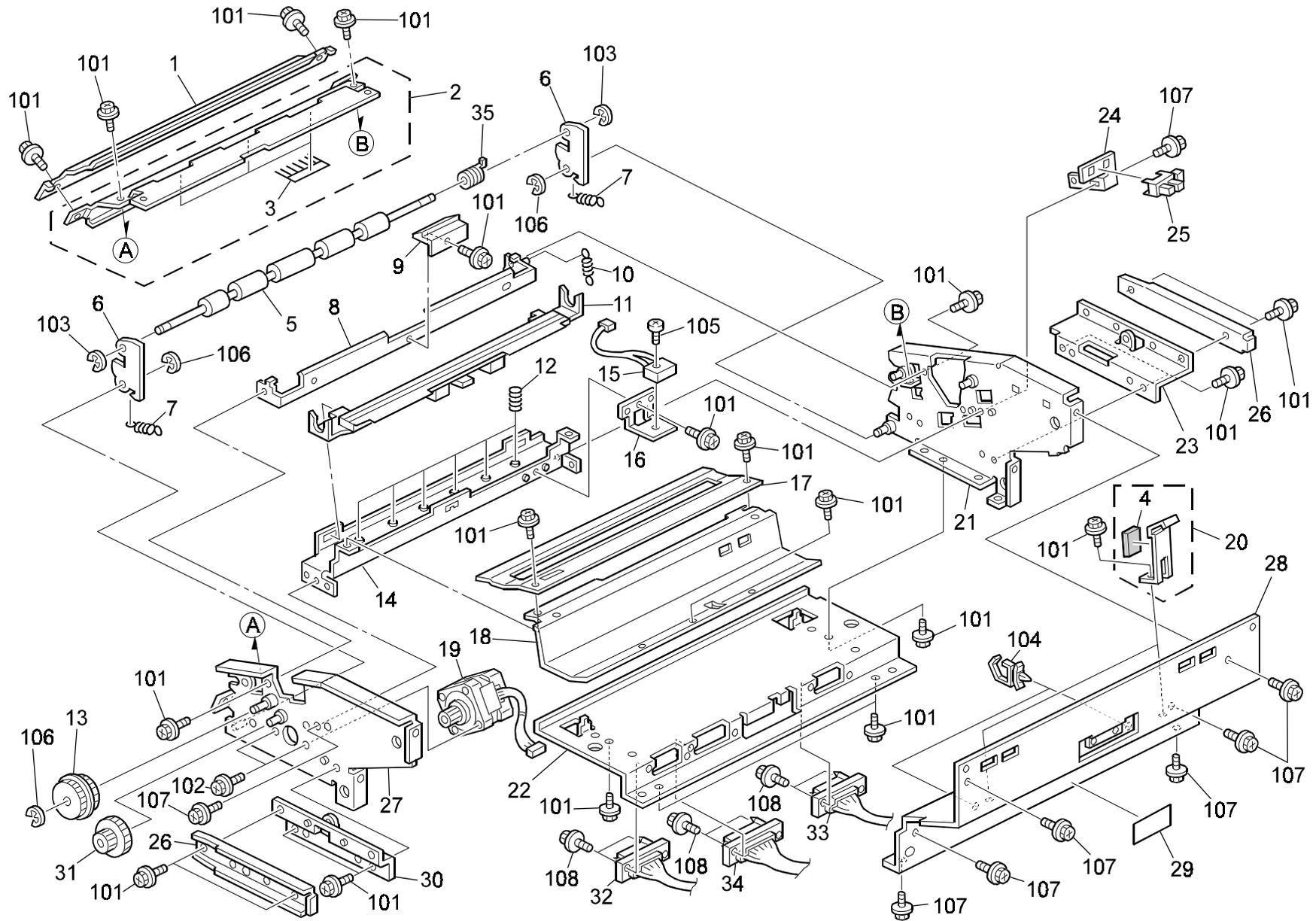


## 9.Plotter Unit 1 (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2281	Antistatic Brush	1
2	C238 2045	Plotter Cover	1
3	C238 2046	T/H Guide Plate	1
4	C238 2040	Plotter Cover Side Plate - Front	1
5	C238 1962	Front Spring	1
6	C238 2112	Tension Roller - A3	1
7	C238 1961	Rear Spring	1
8	C238 2030	Plotter Cover Side Plate - Rear	1
9	C238 1956	Guide Plate	1
10	C229 2211	Cutter Unit	1
11	C238 2177	Rear Plotter Cover	1
12	C217 5102	Spring Washer	1
13	C238 2106	Ball Bearing - 6x13x5mm	2
14	C238 2039	Lever Spring	2
15	C238 2036	Release Lever	1
16	C238 2037	Lever Knob	1
17	C238 2104	Platen Roller - A3	1
18	C238 2108	Lower Cover	1
19	C238 1950	Joint Pin	1
20	C238 1955	Joint Shaft	1
21	C238 2132	Plotter Cover	1
22	C231 2148	Tension Roller Gear	1
23	C238 1971	Decal - Left Hand	1
24	C238 1972	Decal - Right Hand	1
25	5054 0536	Magnet Catch Ass'y	1
26	C231 2147	Idler Gear	1
27	C231 2146	Platen Roller Gear	1
28	C238 2178	Front Plotter Cover	1
29	H012 1181	Bushing- 6mm	2
30	C238 2048	Guide Sheet	1
31	C229 1994	Middle Rail Stopper Ass'y	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0313 0040B	Philips Pan Head Screw - M3x4	
102	0451 3006B	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0574 0040E	Hexagon Headless Set Screw - M4x4	
105	0450 3006B	Tapping Screw - M3x6	
106	0314 0060B	Philips Pan Head Screw - M4x6	
107	0451 4008H	Tapping Screw - 4x8	
108	0451 3006H	Tapping Screw - 3x6	

# 10.Plotter Unit 2 (C238)



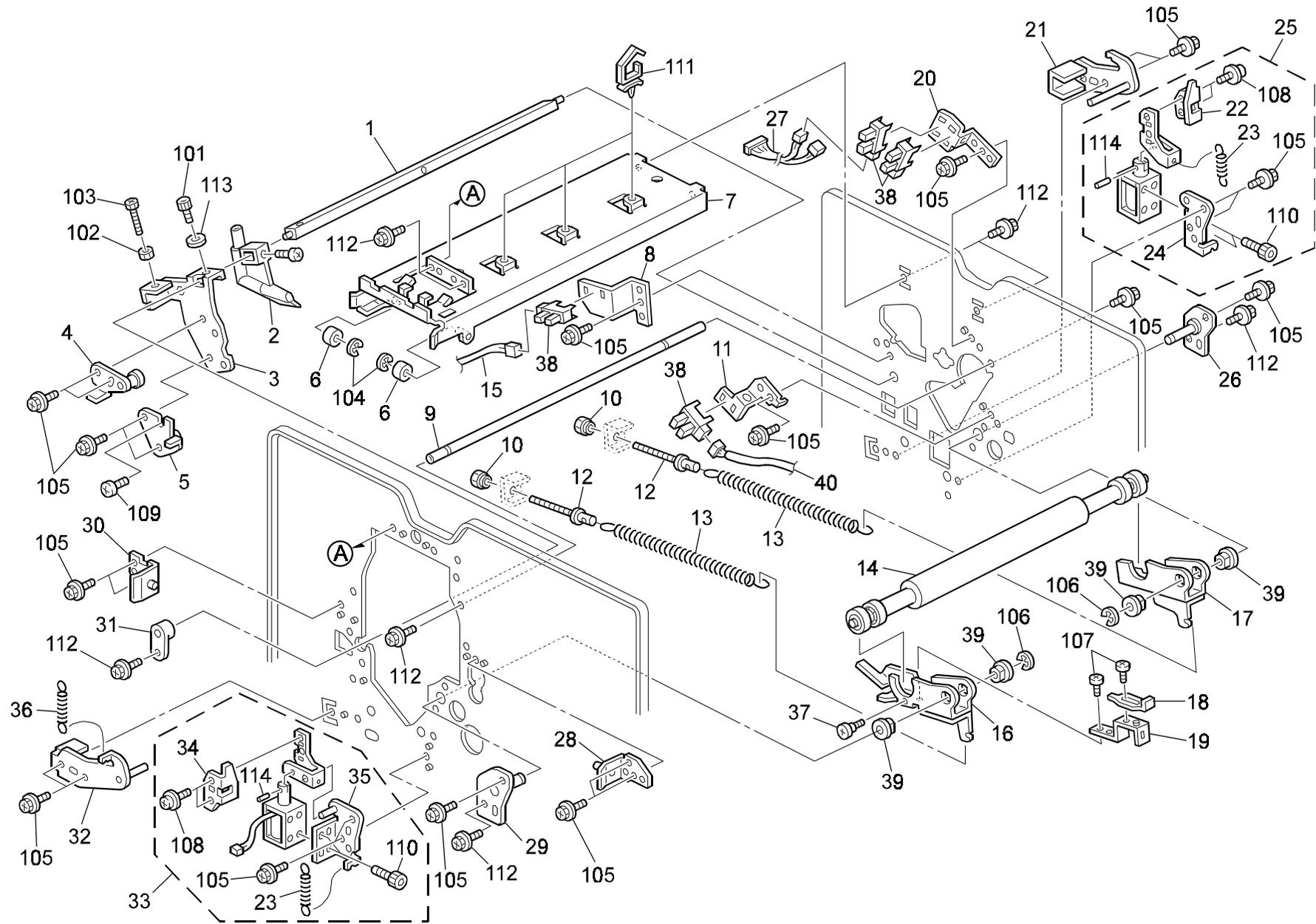
## 10.Plotter Unit 2 (C238)

Rev. 06/24/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2085	Lower Brake Guide Plate	1
2	C238 2082	Upper Brake Guide Plate	1
3	C238 2283	Antistatic Brush	3
4	C231 2234	Brake Pad	1
5	C238 2076	Brake Roller	1
6	C238 2063	Brake Lever	2
7	C238 2065	Brake Roller Spring	2
8	C238 2052	Master Position Bracket	1
9	C238 2055	Master Position Plate	1
10	C238 2054	Position Spring	1
11	C238 2151	Thermal Head - A3	1
12	C238 2157	Thermal Head Spring	6
13	C231 2135	Platen Gear - 2	1
14	C238 2026	Thermal Head Base	1
15	C229 5825	Master Sensor	1
16	C238 2277	Master Sensor Bracket	1
17	C238 2193	Thermal Head Guide	1
18	C238 2095	Master Guide Plate	1
19	C238 5841	Stepper Motor - DC3.7V	1
20	C238 2230	Brake Shoe	1
21	C238 2010	Plotter Rear Plate	1
22	C238 2024	Plotter Base - 1	1
23	C238 2160	Rear Slide Rail	1
24	C238 2273	Cover Sensor Bracket	1
25	AW02 0075	Photointerrupter	1
26	C229 1992	Slide Rail	2
27	C238 2020	Plotter Front Plate	1
28	C238 2025	Plotter Base - 2	1
29	C238 2942	Decal - Paper Pressure - NA	1
29	C238 2940	Decal - Paper Pressure - CHN	1
30	C238 2170	Front Slide Rail	1
31	C238 2133	Platen Gear - 1	1
32	C238 5246	Thermal Head DC Harness	1
33	C238 5248	Plotter Harness	1
34	C238 5247	Thermal Head Data Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	C238 2078	Brake Roller Shoe	1
101	0451 3006B	Tapping Screw - M3x6	
102	0313 0060B	Philips Pan Head Screw - M3x6	
103	0720 0030E	Retaining Ring - M3	
104	1105 0508	Harness Clamp - LWS-0711	
105	0242 0080Z	Screw - M2X8	
106	0720 0040E	Retaining Ring - M4	
107	0451 3008W	Tapping Screw M3x8	
108	0451 3008B	Tapping Screw - M3x8	

# 11.Press Roller Section (C238)



## 11.Press Roller Section (C238)

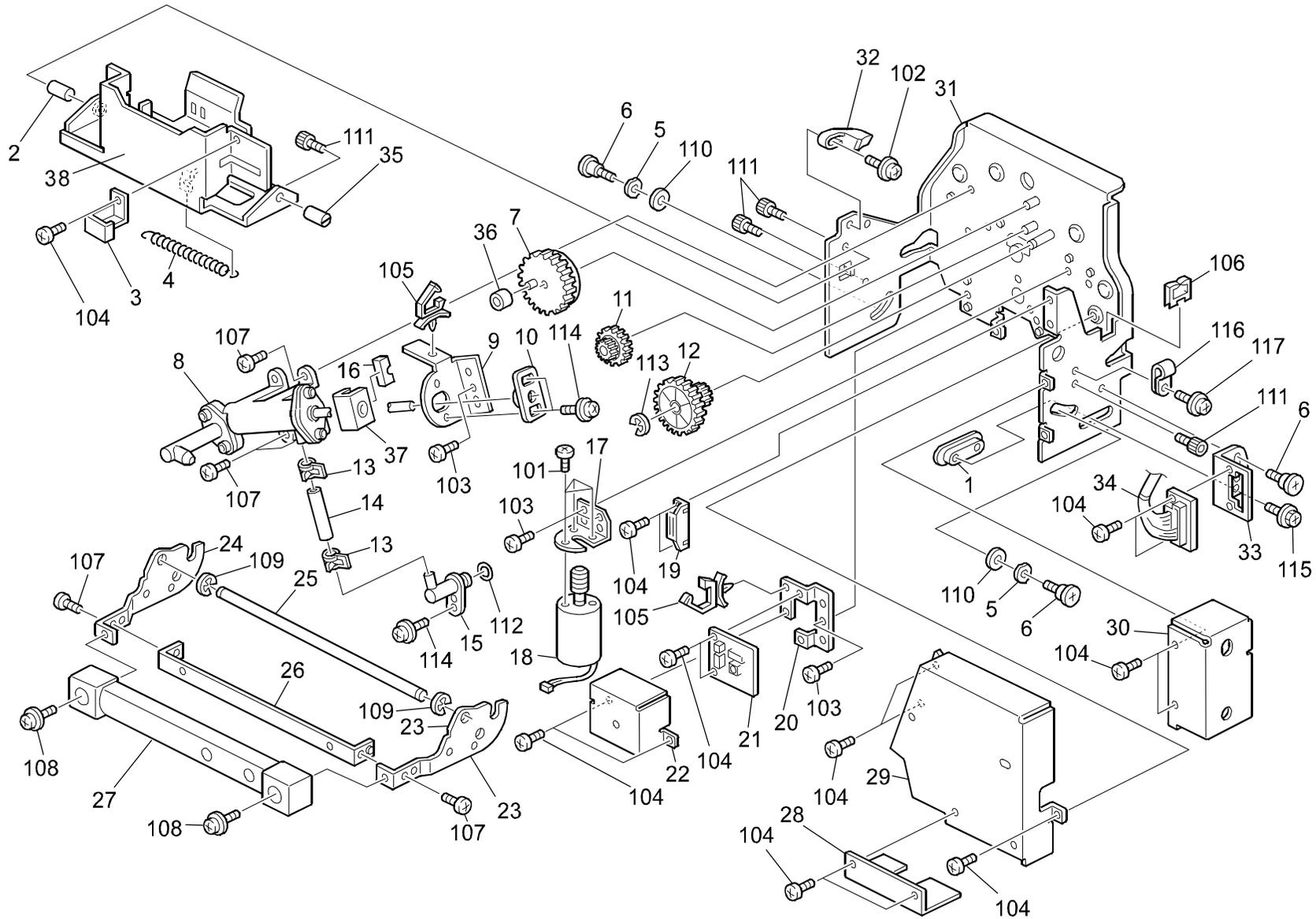
Rev. 06/04/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 4482	Exit Pawl Shaft	1
2	C238 4365	Exit Pawl	1
3	C238 4481	Exit Pawl Drive Arm 1	1
4	C238 4493	Exit Pawl Drive Arm 2	1
5	C238 4485	Exit Pawl Drive Arm 3	1
6	C229 2615	Slide Rail Roller	2
7	C238 2601	Drum Stay	1
8	C238 5613	Drum Sensor Bracket 3	1
9	C238 1995	Plotter Stay - Shaft	1
10	C238 3127	Pressure Spring Nut	2
11	C238 5609	Drum Sensor Bracket 2	1
12	C238 3126	Pressure Spring Screw	2
13	C238 3140	Pressure Spring - A3	2
14	C238 3064	Pressure Roller - A3	1
15	C238 5200	DC Harness	1
16	C238 3110	Front Pressure Arm	1
17	C238 3113	Rear Pressure Arm	1
18	C238 3117	Pressure Roller Stopper	1
19	C238 3116	Stopper Bracket	1
20	C238 5611	Drum Sensor Bracket 1	1
21	C238 3123	Rear Spring Anchor	1
22	C238 3154	Rear Release Plate	1
23	C238 3137	Solenoid Spring	2
24	C238 3135	Rear Solenoid Bracket	1
25	C238 3134	Rear Solenoid Ass'y	1
26	C238 3103	Rear Pressure Shaft	1
27	C238 5229	Drum Sensor Harness	1
28	C238 2607	Drum Position Pin - Right	1
29	C238 3100	Front Pressure Shaft	1
30	C238 2605	Drum Position Pin - Left	1
31	C238 4479	Bushing	1
32	C238 3120	Front Spring Anchor	1
33	C238 3130	Front Solenoid Ass'y	1
34	C238 3155	Front Release Plate	1
35	C238 3131	Front Solenoid Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C238 4349	Spring	1
37	5506 6111	Stepped Screw - M4	1
38	AW02 0075	Photointerruptor	4
39	5053 0419	Bushing - 10mm	4
40	C238 5210	Plotter Relay Harness	1
101	0593 0080E	Bolt - M3x8	
102	0710 0040Z	Hex Nut 4	
103	0584 0121Z	Hexagon Bolt - M4x12	
104	0720 0040E	Retaining Ring - M4	
105	0451 4006B	Tapping Screw - 4x6	
106	0720 0080E	Retaining Ring - M8	
107	0353 0060B	Philips Pan Head Screw - M3x6	
108	0951 3006W	Philips Screw With Flat Washer - M3x6	
109	0314 0040B	Philips Pan Head Screw - M4x4	
110	0593 0040B	Hexagonal Set Screw - M3x4	
111	1105 0490	Harness Clamp - IWS-2218	
112	0451 4008W	Tapping Screw - M4x8	
113	0701 0030Z	Flat Washer - M3	
114	0623 0080E	Spring Pin - 3x8mm	

# 12.Drum Unit 1 (C238)

Rev. 01/06/2005



## 12.Drum Unit 1 (C238)

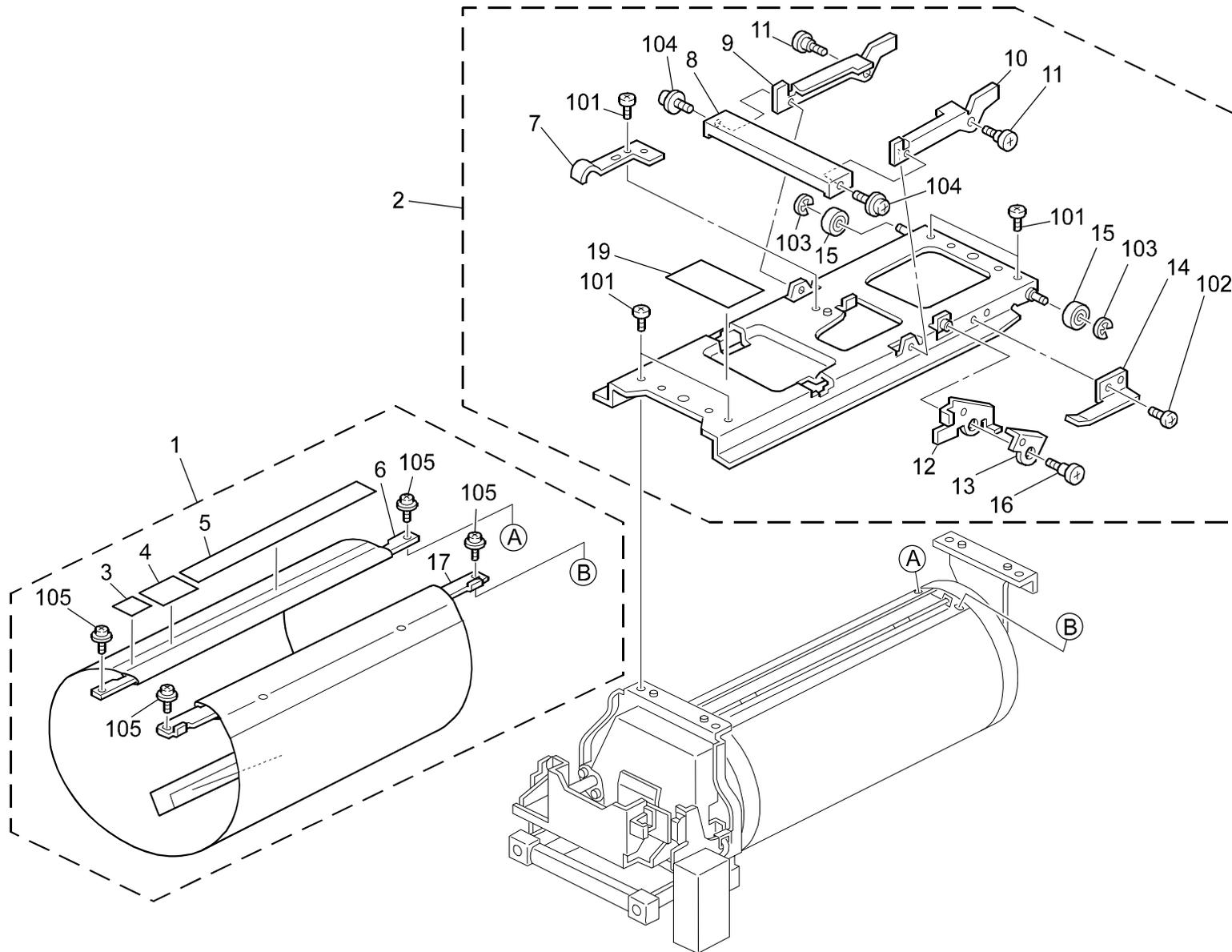
Rev. 01/06/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2574	Slider	1
2	C238 2556	Left Shaft - Holder	1
3	C238 2559	Ink Holder Grip	1
4	C238 2546	Ink Holder Spring	1
5	C217 5102	Spring Washer	2
6	C238 2573	Stepped Screw	2
7	C238 2534	Pump Drive Gear	1
8	C238 2529	Ink Pump - 600	1
8	C608 2529	Ink Pump - Color Drum	1
9	C238 2521	Pump Slider Bracket	1
10	C200 4814	Bushing - 6x10x55mm	1
11	C238 2535	Pump Drive Relay Gear	1
12	C238 2536	Pump Motor Gear	1
13	C209 4713	Hose Band	2
14	C238 2533	Ink Tube	1
15	C238 2543	Tube Joint	1
16	C238 2438	Retainer Bushing	1
17	C238 2532	Pump Motor Bracket	1
18	C238 5803	DC Motor - 7.2W MM34	1
19	5054 0536	Magnet Catch Ass'y	1
20	C238 2549	Board Bracket	1
21	C238 5145	Ink Board <b>[TSB#040R]</b>	1
22	C238 2547	Board Cover	1
23	C238 2510	Right Arm	1
24	C238 2511	Left Arm	1
25	C238 2513	Arm Shaft	1
26	C238 2514	Grip Bracket	1
27	C238 2512	Lower Drum Grip	1
28	C238 2562	Motor Cover	1
29	C238 2548	Pump Cover	1
30	C238 2541	Harness Cover	1
31	C238 2519	Front Drum Side Plate	1
32	C238 2526	Ink Holder Cam	1
33	C238 2538	Connector Bracket	1
34	C238 5250	Drum Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	C238 2557	Right Shaft - Holder	1
36	C229 2525	Bushing - Pump Drive Gear	1
37	C238 2427	Pump Drive Slider	1
38	C238 2655	Ink Holder - B <b>[TSB#053]</b>	1
38	C238 2656	Ink Holder - C <b>[TSB#053]</b>	1
38	C608 2561	Ink Holder - Color <b>[TSB#053]</b>	1
101	0353 0040B	Screw - M3x4	
102	0951 4010Z	Philips Screw With Flat Washer - M4x10	
103	0314 0040B	Philips Pan Head Screw - M4x4	
104	0353 0050B	Philips Truss Head Screw - M3x5	
105	1105 0516	Clamp	
106	1105 0518	Edge Saddle - LES-1010	
107	0354 0060B	Screw - M4X6	
108	0801 0103	Screw - M4X8	
109	0720 0060E	Retaining Ring - M6	
110	0807 4043	Spacer	
111	0594 0080B	Hexagon Hole Bolt - M4x8	
112	0808 0021	Rubber Ring	
113	0720 0050E	Retaining Ring - M5	
114	0951 4006Z	Philips Screw With Flat Washer - M4	
115	0450 4006B	Tapping Screw - 4x6	
116	1105 0005	Nylon Clamp - 3N	
117	0951 3006Z	Philips Screw With Flat Washer - M3	

# 13.Drum Unit 2 (C238)

Rev. 07/08/2003



### 13.Drum Unit 2 (C238)

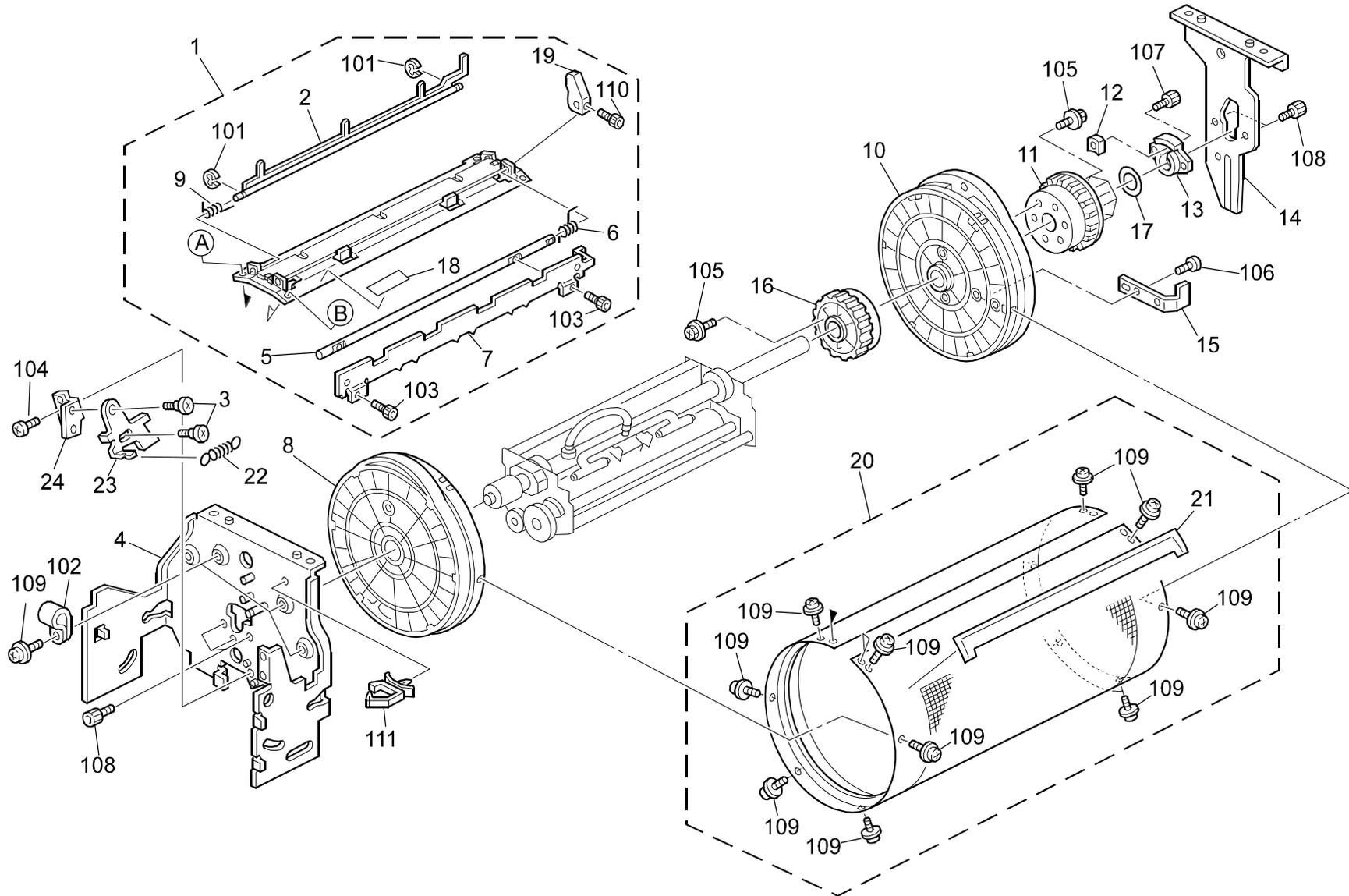
Rev. 07/08/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2304	Cloth Screen - A3	1
1	C609 2382	Cloth Screen - A4	1
2	C238 2507	Drum Frame Ass'y	1
3	C238 2386	Small Sandpaper	1
4	C238 2390	Drum Sensor Sheet	1
5	C238 2383	Large Sandpaper	1
6	C238 2388	Screen Holder 1	1
7	C229 2394	Spring Plate	1
8	C238 2552	Drum Grip	1
9	C238 2524	Left Drum Grip	1
10	C238 2525	Right Drum Grip	1
11	C238 2585	Screw Mm6x1.7	2
12	C229 2391	Stopper Bracket	1
13	C229 2392	Stopper Guide	1
14	C229 2396	Spring Plate	1
15	C201 4604	Drum Rail Roller	2
16	C229 2390	Stepped Screw	1
17	C238 2389	Screen Holder 2	1
19	C238 2553	Decal - Drum	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0354 0060B	Screw - M4X6	
102	0353 0050B	Philips Truss Head Screw - M3x5	
103	0720 0040E	Retaining Ring - M4	
104	0801 0103	Screw - M4X8	
105	0951 3008Z	Philips Screw With Flat Washer - M3	

# 14.Drum Unit 3 (C238)

Rev. 12/09/2004



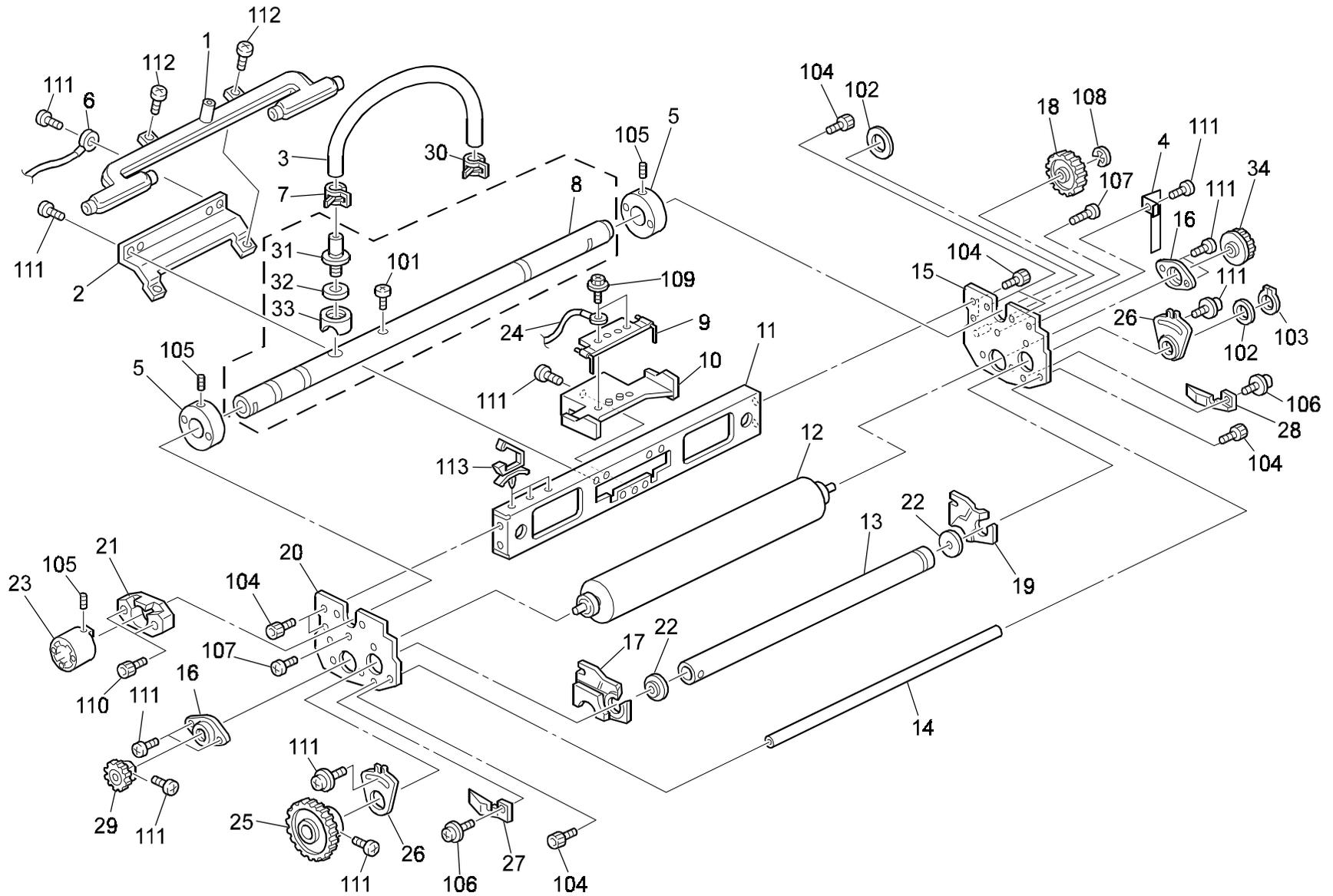
### 14.Drum Unit 3 (C238)

Rev. 12/09/2004

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2305	Clamper Ass'y <b>[TSB#048]</b>	1
2	C238 2407	Clamper Exit Pawls	1
3	C238 2585	Screw Mm6x1.7	2
4	C238 2519	Front Drum Side Plate	1
5	C238 2406	Clamper Shaft	1
6	C238 2410	Clamper Rear Spring	1
7	C238 2405	Clamper Holder	1
8	C238 2360	Front Drum Flange - A3	1
8	C609 2360	A4 Flange - Front	1
9	C238 2411	Clamper Front Spring	1
10	C238 2362	Rear Drum Flange - A3	1
10	C609 2362	A4 Flange - Rear	1
11	C238 2368	Drum Drive Gear	1
12	C238 2396	Stopper	1
13	C238 2395	Holder	1
14	C238 2555	Rear Drum Side Plate	1
15	C238 2375	Drum Position Plate <b>[TSB#046]</b>	1
16	C238 2369	Ink Roller Drive Gear	1
17	C238 2371	Spacer	1
18	C238 2413	Screen Sensor Sheet - Trailing Edge	1
19	C238 2412	Clamper Cam	1
20	C238 2580	Metal Screen - A3	1
20	C609 2570	Metal Screen - A4	1
21	C238 2582	Sheet - Metal Screen	1
21	C609 2582	Metal Screen Mylar - A4	1
22	C238 2572	Stopper Spring	1
23	C238 2571	Drum Stopper	1
24	C238 2570	Stopper Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0020E	Retaining Ring - M2	
102	1105 0005	Nylon Clamp - 3N	
103	0804 6107	Hexagon Bolt - M2x4	
104	0314 0040B	Philips Pan Head Screw - M4x4	
105	0450 3008B	Tapping Screw - M3x8	
106	0452 3006B	Tapping Screw - M3x6	
107	0593 0100Z	Bolt M3x10	
108	0594 0080Z	Bolt - M4x8	
109	0951 3006Z	Philips Screw With Flat Washer - M3x6	
110	0804 6091	Hexagonal Set Screw - M2x5	
111	1105 0516	Clamp	

# 15.Drum Unit 4 (C238)



## 15.Drum Unit 4 (C238)

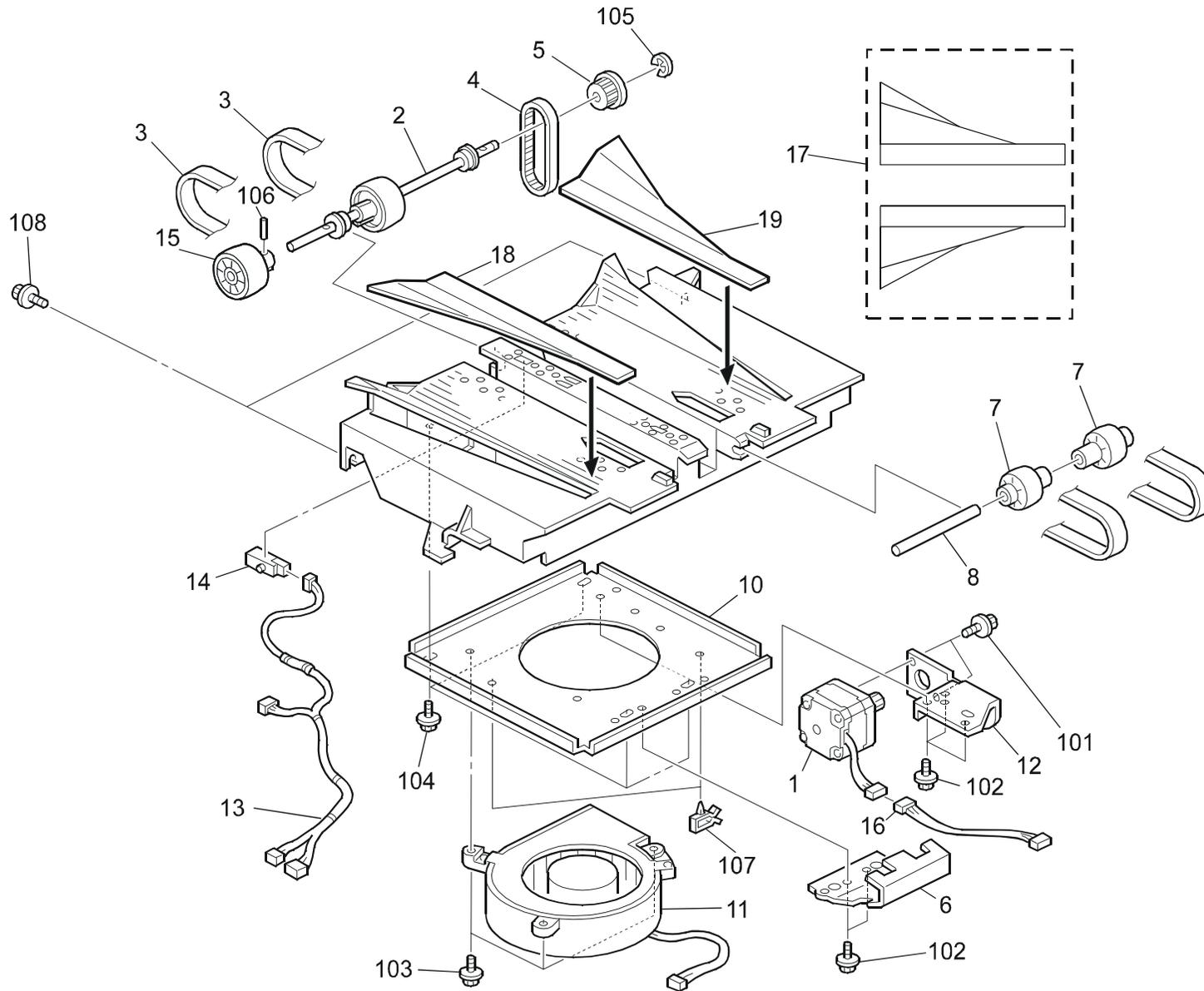
Rev. 06/19/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 2467	Ink Pipe	1
2	C238 2466	Pipe Bracket	1
3	C238 2476	Ink Tube	1
4	C238 2468	Ground Plate	1
5	C238 2483	Side Plate	2
6	AW10 0022	Optics Thermistor	1
7	C209 4713	Hose Band	1
8	C238 2475	Drum Shaft Ass'y - A3	1
9	C238 2471	Ink Sensor	1
10	C238 2470	Ink Sensor Bracket	1
11	C238 2463	Drum Main Stay - A3	1
12	C238 2450	Ink Roller - A3	1
13	C238 2454	Doctor Roller - A3	1
14	C238 2465	Drum Stay Shaft	1
15	C238 2455	Rear Side Plate - Ink	1
16	C201 4665	Bearing Holder	2
17	C238 2493	Front Bank Plate	1
18	C207 4672	Gear - 36Z	1
19	C238 2490	Rear Bank Plate	1
20	C238 2457	Front Side Plate - Ink	1
21	C238 2487	Front Shaft Collar	2
22	C229 2544	Ink Roller Ring	2
23	C231 2397	Front Drum Shaft Collar	1
24	C238 5252	Ink Sensor Harness	1
25	C200 4748	Gear - 45T	1
26	C247 2461	Adjusting Plate - Doctor Roller	2
27	C238 2448	Front Ink Blade	1
28	C238 2447	Rear Ink Blade	1
29	C238 2469	Doctor Roller Drive Gear	1
30	C209 4711	Hose Band	2
31	C238 2485	Drum Shaft Joint	2
32	C238 2489	Rubber Bushing Plate	2
33	C238 2488	Rubber Bushing	2
34	C238 2460	Ink Roller Drive Gear	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0120Z	Screw - M3x12	
102	0807 7114	Washer - 16x24x0.3mm	
103	0725 0160E	Retaining Ring C - M16	
104	0594 0080B	Hexagon Hole Bolt - M4x8	
105	0575 0080E	Hexagon Headless Set Screw - M5x8	
106	0951 4006Z	Philips Screw With Flat Washer - M4	
107	0314 0080Z	Philips Screw - 4x8	
108	0720 0050E	Retaining Ring - M5	
109	0450 3006B	Tapping Screw - M3x6	
110	0594 0120W	Hexagon Bolt - M4x12	
111	0353 0050B	Philips Truss Head Screw - M3x5	
112	0354 0060B	Screw - M4X6	
113	1105 0283	Clamp	

# 16. Vacuum Fan Unit (C238)

Rev. 10/07/2004



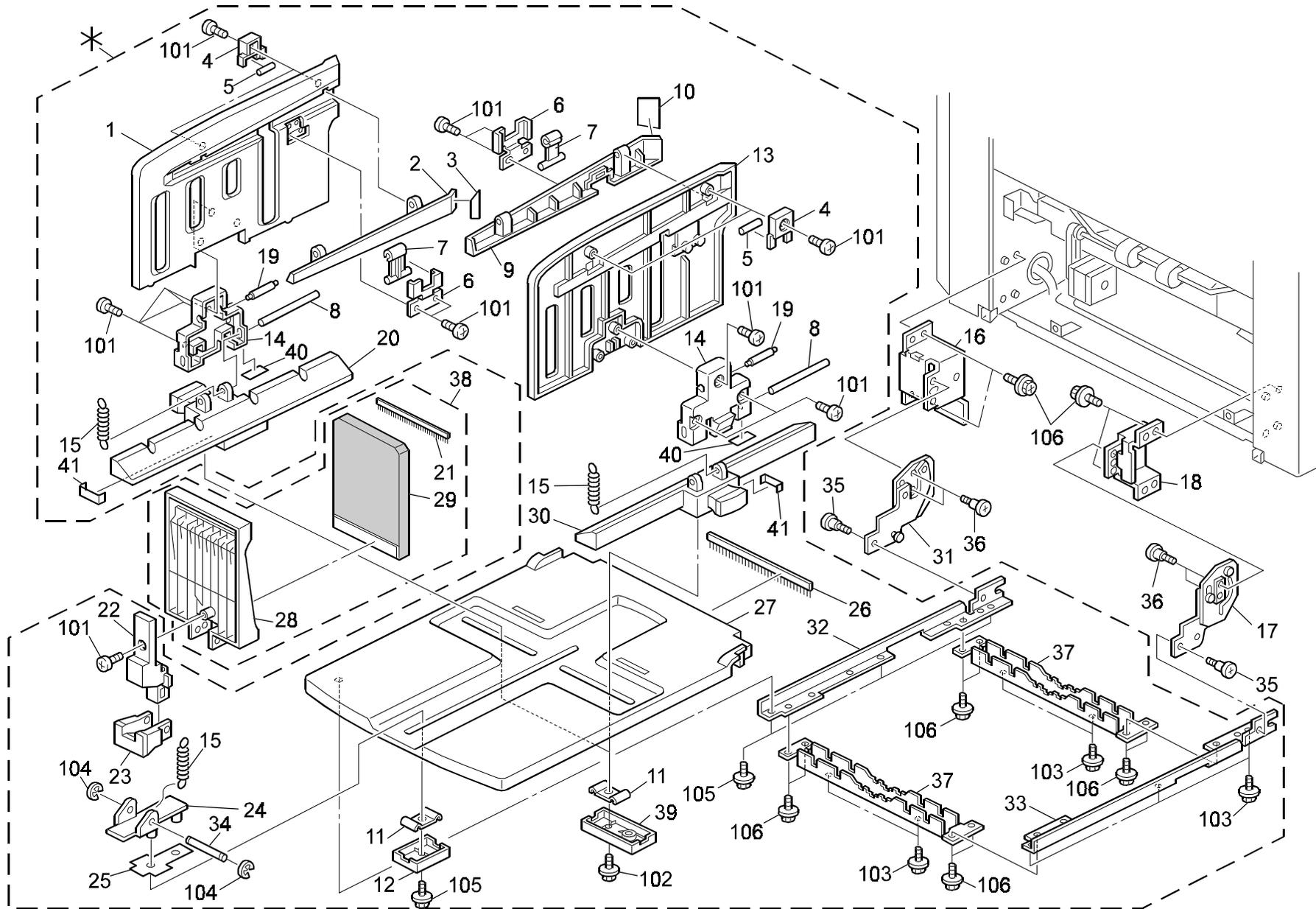
## 16. Vacuum Fan Unit (C238)

Rev. 10/07/2004

Index No.	Part No.	Description	Q'ty Per Assembly
*	C249 3805	Paper Delivery Unit <b>[TSB#047]</b>	1
1	C238 5812	Stepper Motor	1
2	C238 3876	Drive Shaft	1
3	C249 3875	Delivery Belt – 478 <b>[TSB#047]</b>	2
4	C238 3879	Timing Belt	2
5	C238 3875	Drive Gear	1
6	C238 3855	Guide Plate	1
7	C238 3890	Drive Roller - Drum Side	2
8	C238 3877	Driven Shaft	1
9	C238 3861	Delivery Duct	1
10	C249 3852	Fan Bracket <b>[TSB#047]</b>	1
11	C249 5880	Air Knife Fan <b>[TSB#047]</b>	1
12	C238 3857	Motor Bracket	1
13	C238 5272	Paper Delivery Harness	1
14	AW01 0076	Photosensor - PS-117D1	1
15	C238 3889	Drive Roller	1
16	C238 5275	Motor Relay Harness	1
17	C238 9002	Metal Wing Set <b>[TSB#047]</b>	1
18	C238 9003	Front Metal Wing <b>[TSB#047]</b>	1
19	C238 9004	Rear Metal Wing <b>[TSB#047]</b>	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0451 4006B	Tapping Screw - 4x6	
103	0354 0300B	Screw – M3x30 <b>[TSB#047]</b>	
104	0450 4008B	Tapping Screw - 4x8	
105	0720 0060E	Retaining Ring - M6	
106	0633 0140G	Parallel Pin - 3x14	
107	1105 0267	Harness Clamp - YMC-10-0	
108	0451 4008W	Tapping Screw - M4x8	

# 17.Delivery Table (C238)

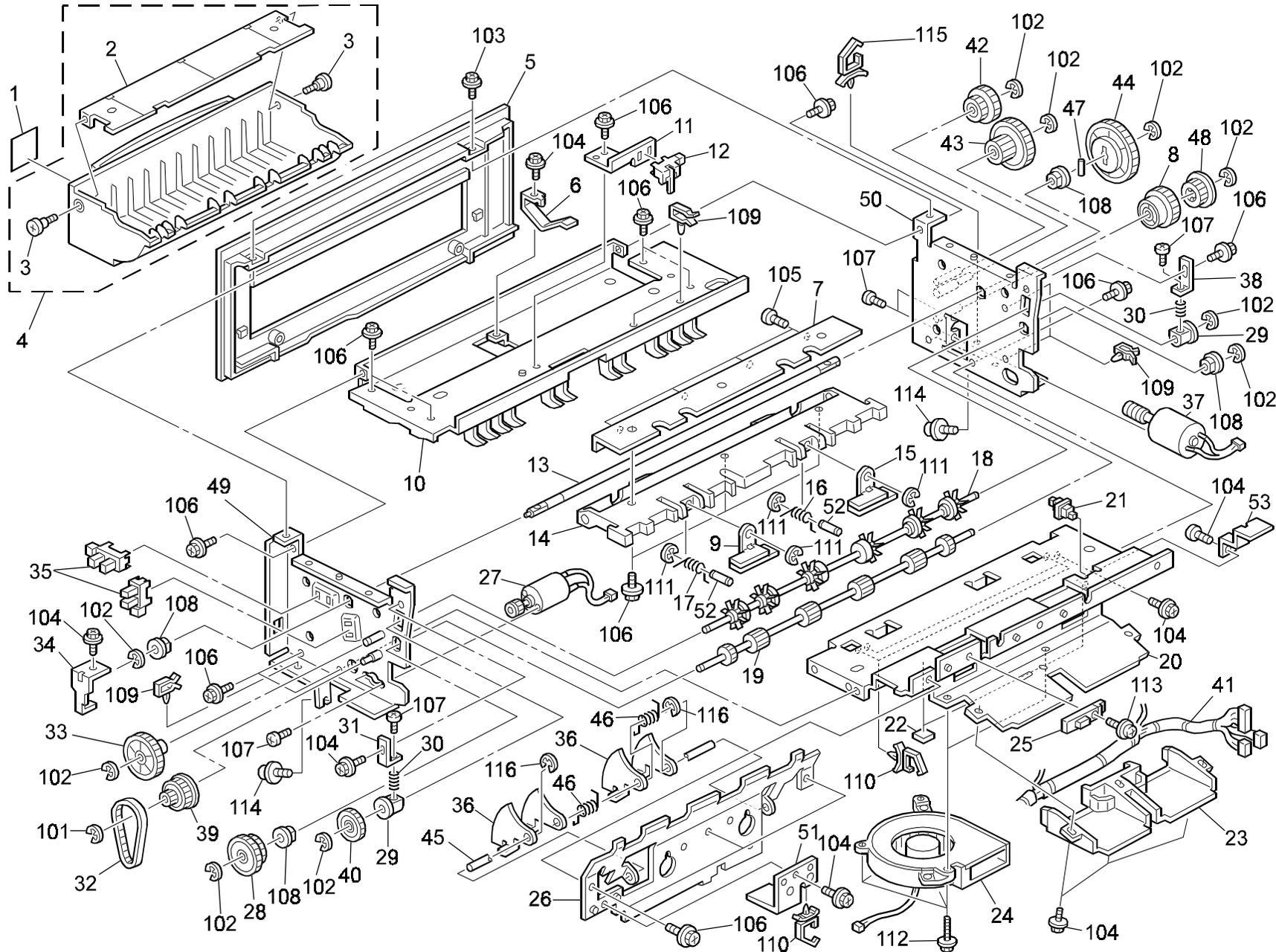


## 17.Delivery Table (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
*	C238 4201	Paper Exit Table	1
*	C238 4207	Paper Exit Table - CHN	1
1	C238 4412	Rear Side Fence	1
2	C238 4416	Rear Wing	1
3	C233 4427	Rear Exit Guide	1
4	C238 4417	Wing Stopper	4
5	C227 6156	Upper Guide Shaft	4
6	C233 4418	Link Spring Plate	2
7	C238 4425	Wing Link	2
8	C233 4414	Pin - Lower Side Fence	2
9	C238 4415	Front Wing	1
10	C233 4426	Front Exit Guide	1
11	C231 4420	Slider Spring Plate	2
12	C238 4421	Slider Cover	1
13	C238 4411	Front Side Fence	1
14	C238 4413	Side Fence Base	2
15	C231 4413	Delivery Table Spring	3
16	C238 4442	Rear Table Bracket	1
17	C238 4431	Front Table Hinge	1
18	C238 4441	Front Table Bracket	1
19	C231 4415	Upper Side Fence Pin	3
20	C238 4396	Rear Lower Guide	1
20	C238 4398	Rear Lower Guide - CHN	1
21	C233 4430	Antistatic Brush	1
22	C238 4422	End Fence Case	1
23	C238 4406	End Plate Knob	1
24	C231 4410	End Plate Bracket	1
25	C231 4425	End Plate Sheet	1
26	C233 4405	Antistatic Brush	1
27	C238 4390	Paper Exit Base	1
28	C238 4420	End Fence Sub Ass'y	1
29	C229 4376	End Fence Cushion	1
30	C238 4395	Front Lower Guide	1
30	C238 4397	Front Lower Guide - CHN	1
31	C238 4432	Rear Table Hinge	1

Index No.	Part No.	Description	Q'ty Per Assembly
32	C233 4400	Delivery Table Rear Stay	1
33	C233 4399	Delivery Table Front Stay	1
34	C233 4424	Pin - Lower End Fence	1
35	C217 4426	Shoulder Screw	2
36	C238 4450	Hinge Screw	4
37	C231 4409	Support Plate	2
38	C238 4419	End Fence Ass'y	1
39	C238 4456	Slider Cover	1
40	C238 4440	Side Fence Spacer	4
41	C233 4409	Base Spacer - Paper Exit Sub-unit	2
101	0452 3008H	Binding Self-tapping Screw - 3x8	
102	0450 3012B	Tapping Screw - 3x12	
103	0450 4008B	Tapping Screw - 4x8	
104	0720 0030Z	Retaining Ring - M3	
105	0451 3008B	Tapping Screw - M3x8	
106	0451 4006B	Tapping Screw - 4x6	

# 18.Master Eject Unit (C238)



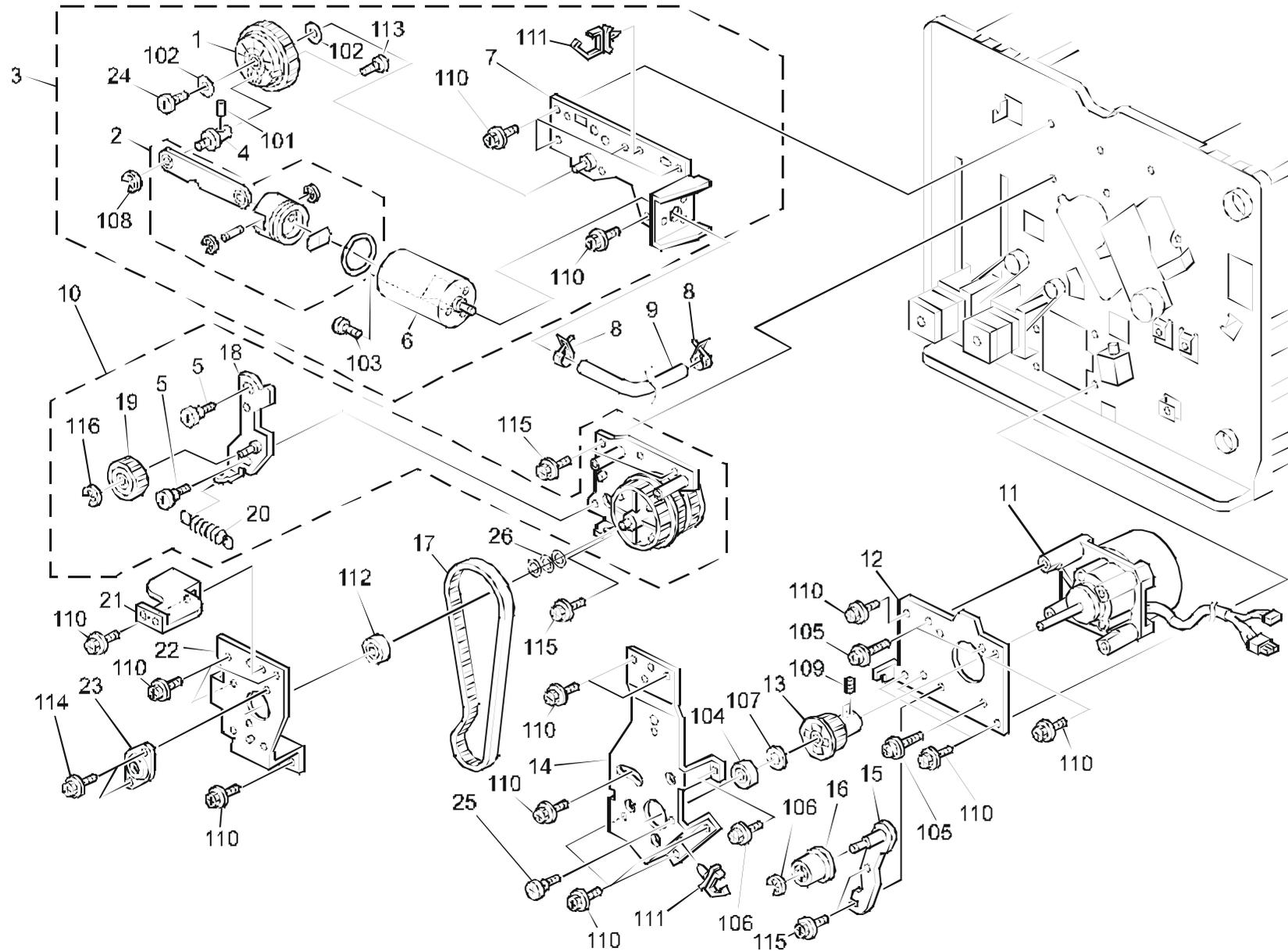
## 18.Master Eject Unit (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
*	C238 3400	Master Ejection Unit	1
1	C238 3600	Decal - Eject Box	1
2	C238 3477	Eject Box Cover	1
3	C231 3513	Stepped Screw	2
4	C238 3490	Master Eject Box	1
5	C238 3481	Master Eject Cover	1
6	C231 3479	Spring Plate	1
7	C238 3475	Pressure Guide Plate	1
8	C238 3556	Torque Limiter - 2500G	1
9	C238 3497	Front Holder	1
10	C238 3462	Master Eject Stay	1
11	C231 3485	Sensor Bracket	1
12	C217 8446	Photointerruptor - Master Eject	1
13	C238 3474	Pressure Shaft	1
14	C238 3473	Pressure Plate	1
15	C238 3495	Rear Holder	1
16	C237 3525	Spring	1
17	C237 3524	Pressure Spring	1
18	C238 3468	Upper Eject Roller	1
19	C238 3466	Lower Eject Roller	1
20	C238 3457	Master Eject Base	1
21	AW50 0012	Push Switch	1
22	C237 3576	Separation Plate Cushion	2
23	C238 4350	Air Knife Duct	1
24	C231 5880	Air Knife Fan	2
25	C203 8137	Master Sensor	1
26	C238 3460	Air Knife Bracket	1
27	C229 5811	DC Motor - 50W	1
28	C231 3489	Lower Roller Gear	1
29	C231 3486	Bushing	2
30	C231 3487	Pressure Spring	2
31	C238 3485	Front Spring Bracket	1
32	C238 3470	Timing Belt - S2M 66Z	1
33	C231 3493	Coupled Gear - Large	1
34	C238 3472	Position Feeler	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	AW02 0075	Photointerrupter	2
36	C237 3571	Master Pick-off Pawl	2
37	C229 5803	DC Motor - 5.0W	1
38	C238 3486	Rear Spring Bracket	1
39	C238 3469	Belt Gear	1
40	C231 3494	Gear - Upper Roller	1
41	C238 5280	Master Eject Harness	1
42	C238 3519	Second Gear	1
43	C238 3518	First Gear	1
44	C237 3684	Gear - Pressure Plate	1
45	C237 3575	Master Pick-off Pawl Shaft	1
46	C237 3573	Spring	2
47	C237 3505	Pin 3x16	1
48	C229 3557	Gear - 17Z	1
49	C238 3451	Front Side Plate	1
50	C238 3454	Rear Side Plate	1
51	C238 3464	Motor Cover	1
52	C237 3523	Pin - Pressure Plate	2
53	C238 3484	Push Switchcover	1
101	0720 0030E	Retaining Ring - M3	
102	0720 0040E	Retaining Ring - M4	
103	0450 4008B	Tapping Screw - 4x8	
104	0451 3006B	Tapping Screw - M3x6	
105	0950 4010B	Sems Screw - M4x10	
106	0451 4006B	Tapping Screw - 4x6	
107	0353 0050Z	Philips Truss Head Screw - M3x5	
108	0805 3385	Bushing - 6mm	
109	1105 0267	Harness Clamp - YMC-10-0	
110	1105 0310	Harness Clamp - LWS-1S	
111	0720 0020E	Retaining Ring - M2	
112	0451 4014B	Tapping Screw - 4x14	
113	0951 3010Z	Philips Screw With Flat Washer - M3	
114	0954 4008B	Philips Screw - M4x8	

# 19. Drive Section 1 (C238)

Rev. 09/23/2003



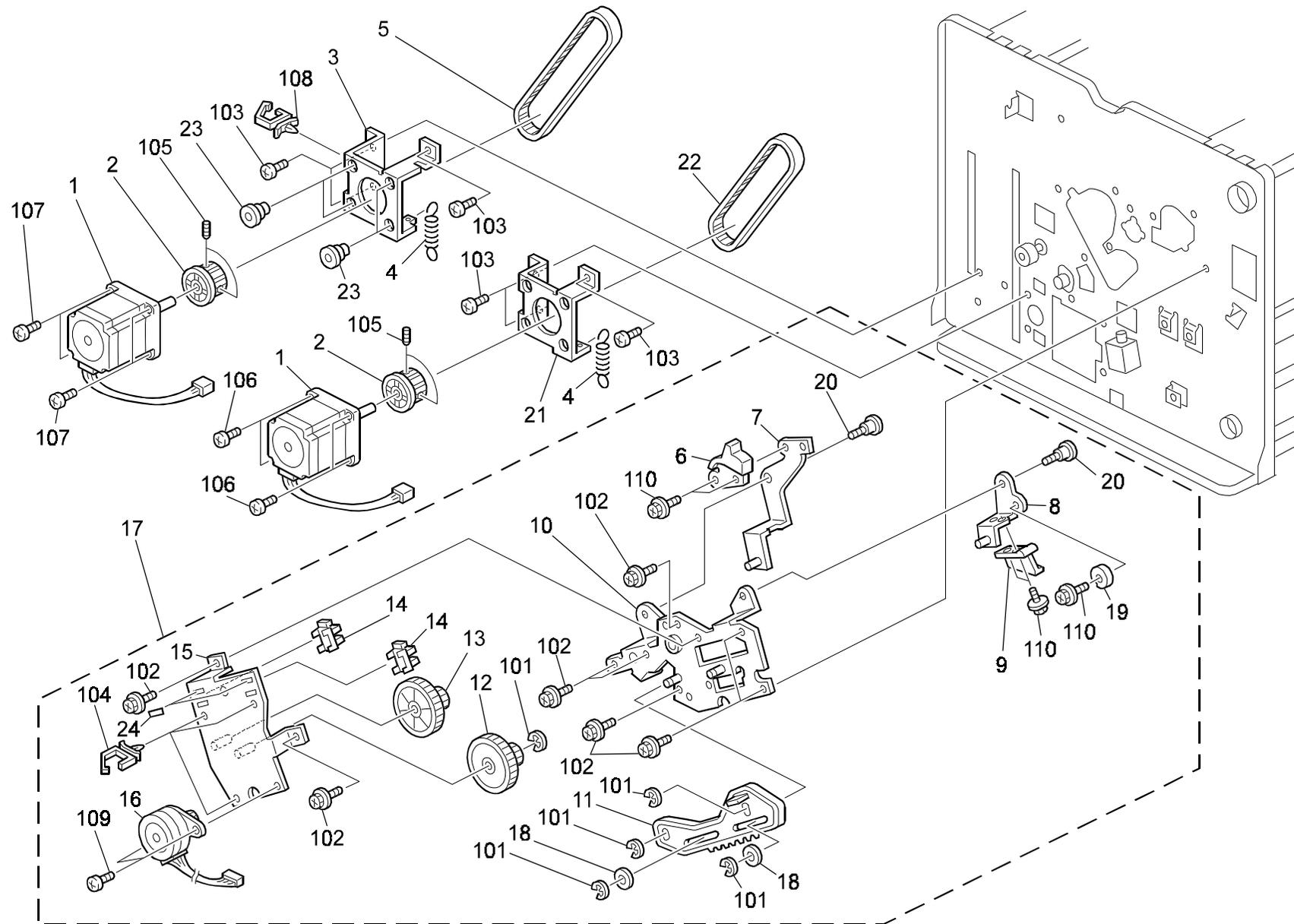
## 19. Drive Section 1 (C238)

Rev. 09/23/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 1186	Piston Gear	1
2	C238 4355	Piston Ass'y	1
3	C238 1180	Air Pump Unit	2
4	C238 1187	Piston Pin	1
5	5442 1659	Stepped Screw - M4	2
6	C213 6043	Air Pump Cylinder	1
7	C238 1181	Air Pump Bracket	1
8	C209 4711	Hose Band	2
9	C238 4369	Exit Pawl Hose	1
10	C238 1160	Drum Drive Gear Ass'y	1
11	C231 5890	Main Motor - DC24V	1
12	C238 1151	Main Motor Bracket	1
13	C238 1152	Main Motor Gear	1
14	C238 1154	Lower Drum Drive Plate	1
15	C238 1156	Belt Tensioner	1
16	C229 1145	Belt Tension Roller	1
17	C238 1172	Main Belt - 150S3M588	1
18	C238 1177	Roller Bracket	1
19	C238 1176	Clutch Gear	1
20	C238 4349	Spring	1
21	C238 1399	Rear Cover Bracket - Middle Lower	1
22	C238 1169	Upper Drum Drive Plate	2
23	C201 5134	Bearing Holder	1
24	5506 6197	Screw - Knife Cam - Leading Edge CL	1
25	5446 3648	Stepped Screw - M4	1
26	0807 7013	Spacer	3

Index No.	Part No.	Description	Q'ty Per Assembly
101	0622 5140E	Spring Pin - 2.5x14mm	
102	0807 5009	Spacer - 8.1x11.5x0.1mm	
103	0353 0060B	Philips Pan Head Screw - M3x6	
104	0740 3010	Ball Bearing - 10x26x8mm	
105	0951 5020B	Polished Round Screw - M5x20	
106	0720 0060E	Retaining Ring - M6	
107	0807 7046	Washer - 10.5x20x0.2mm	
108	0720 0030E	Retaining Ring - M3	
109	0575 0060E	Hexagon Headless Set Screw - M5x6	
110	0451 4006B	Tapping Screw - 4x6	
111	1105 0511	Harness Clamp - LWS-0306ZC	
112	0740 3010	Ball Bearing - 10x26x8mm	
113	0954 4008B	Philips Screw - M4x8	
114	0451 3006B	Tapping Screw - M3x6	
115	0451 4008W	Tapping Screw - M4x8	
116	0720 0040E	Retaining Ring - M4	

## 20. Drive Section 2 (C238)



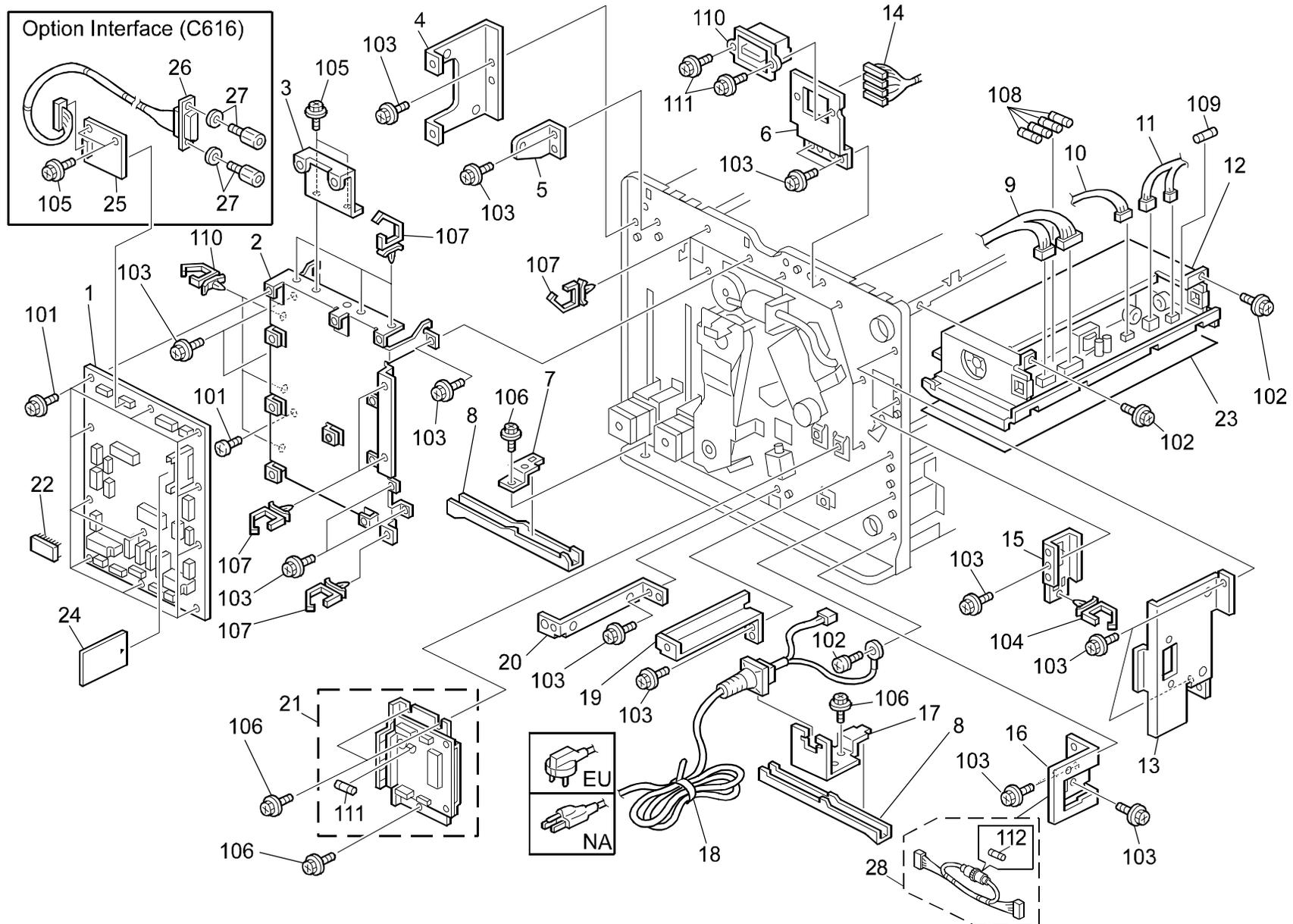
## 20. Drive Section 2 (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 5801	Stepper Motor - 56x64	2
2	C229 2946	Motor Pulley	2
3	C238 5731	Feed Motor Bracket	1
4	C238 2849	Tension Spring - 18N	2
5	C238 2948	Timing Belt - 140-XL-050	1
6	C238 4058	Master Clamp Guide	1
7	C238 4055	Master Clamp Lever	1
8	C238 4059	Eject Clamp Lever	1
9	C238 4061	Eject Clamp Guide	1
10	C238 4000	Clamp Drive Base	1
11	C238 4051	Clamp Drive Rack	1
12	C238 4063	Slow Down Gear	1
13	C238 4062	Rack Drive Gear	1
14	AW02 0075	Photointerruptor	2
15	C238 4064	Clamp Drive Side Plate	1
16	H521 5010	Scanner Motor - ADF	1
17	C238 4010	Clamp Drive Unit	1
18	C238 4053	Rack Spacer	2
19	C238 4070	Eject Clamp Pusher	2
20	C217 4426	Shoulder Screw	2
21	C238 5729	Motor Bracket - Feed Roller	1
22	C238 2905	Timing Belt - 110-XL-050	1
23	C403 1899	Rubber Bushing - M4	4
24	C238 4071	Sensor Guide	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0451 4006B	Tapping Screw - 4x6	
103	0314 0040B	Philips Pan Head Screw - M4x4	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	0574 0080E	Hexagon Headless Set Screw - M4x8	
106	0354 0080Z	Screw - M4X8	
107	0354 0140B	Screw - M4X14	
108	1105 0508	Harness Clamp - LWS-0711	
109	0453 3006B	Tapping Screw - M3x6	
110	0451 3006B	Tapping Screw - M3x6	

# 21.Electrical Section 1 (C238)

Rev. 12/09/2004



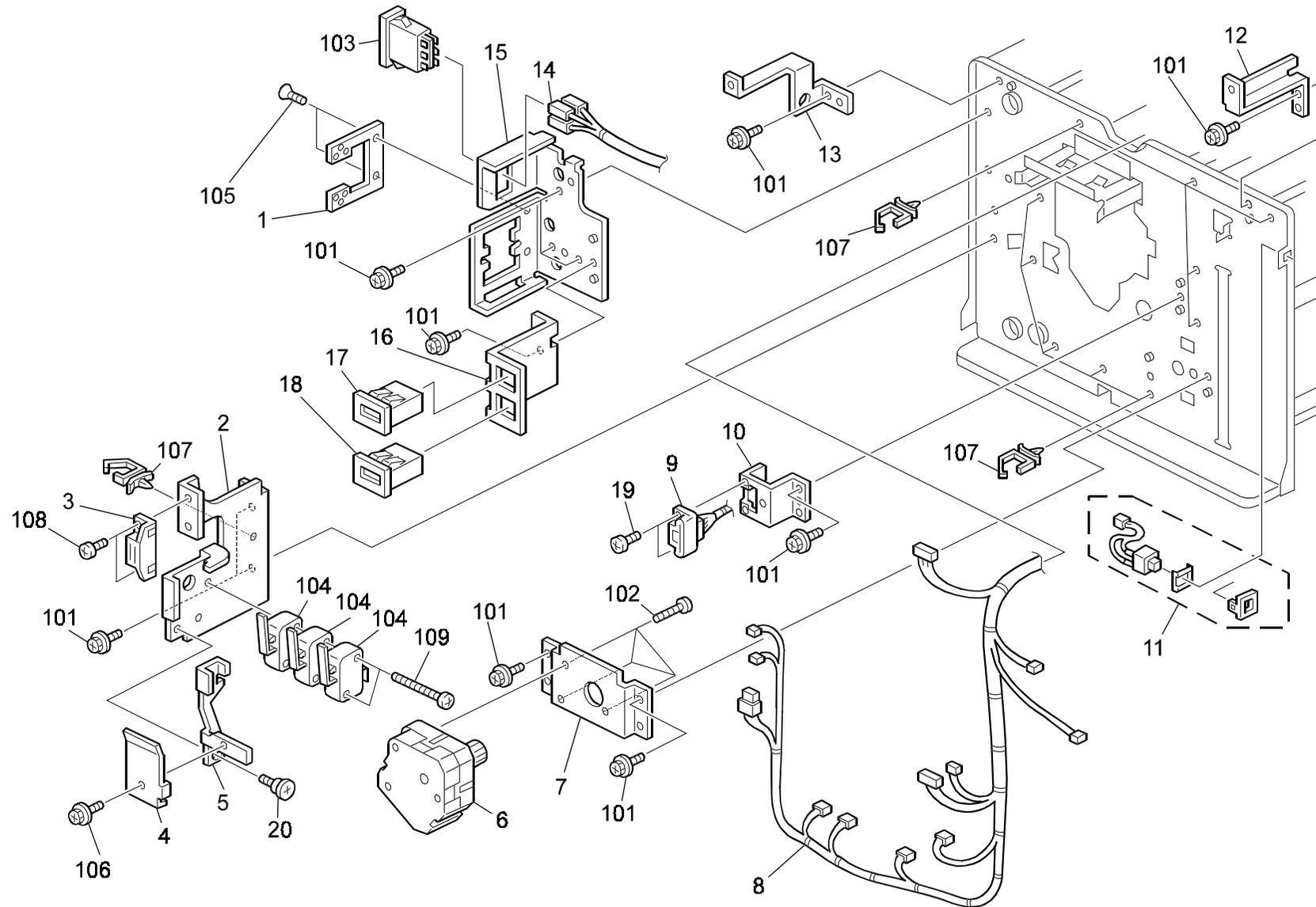
## 21. Electrical Section 1 (C238)

Rev. 02/23/2005

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 5106	MPU Board <b>[TSB#057]</b>	1
2	C238 5601	MPU Bracket	1
3	C238 5632	Interface Bracket	1
4	C238 1396	Rear Cover Bracket - Right Upper	1
5	C238 1958	MPU Bracket	1
6	C238 1395	DF Connector Bracket	1
7	C229 1072	Grip Guide Bracket	1
8	C229 1071	Grip Plate - Short	2
9	C238 5202	Power Supply Harness - DC	1
10	C238 5210	Plotter Relay Harness	1
11	C238 5205	AC Harness	1
12	C238 5310	DC Power Supply Unit - 328W	1
12	C238 5300	DC Power Supply Unit - 352W (CHN)	1
13	C238 1377	Connector Bracket	1
14	C236 5274	ADF Relay Harness	1
15	C238 3500	Eject Connector Bracket	1
16	C238 5630	Tape Marker Bracket	1
17	C238 5670	Cord Bracket	1
18	C238 5821	Power Supply Cord - 115V	1
18	C238 5823	Power Supply Cord - 230V	1
18	C238 5822	Power Supply Cord - CHN	1
19	C238 1398	Rear Cover Bracket - Left Upper	1
20	C238 1389	Rear Cover Bracket - Lower	1
21	C238 5150	Motor Control Board	1
22	C238 5124	Program I/O	1
23	C238 5627	Insulating Sheet - Power Supply Unit	1
24	C238 5114	Program MPU	1
25	C580 1011	Interface Board	1
26	C615 5202	Relay Harness - 820mm	1
27	C580 1550	Stepped Screw - M2.6	1
28	C256 5250	Relay Harness <b>[TSB#049]</b>	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0040B	Philips Pan Head Screw - M4x4	
102	0954 4008B	Philips Screw - M4x8	
103	0451 4006B	Tapping Screw - 4x6	
104	1105 0488	Harness Clamp	
105	0451 3006B	Tapping Screw - M3x6	
106	0451 4008W	Tapping Screw - M4x8	
107	1105 0490	Harness Clamp - IWS-2218	
108	1107 0868	Fuse - 5A 125V	
109	1107 0880	Fuse - 6.3A 250V	
110	1102 7445	Connector - 46P	
111	1107 0935	Fuse - 10A 125V	
112	1107 0391	Fuse - 5A 125V <b>[TSB#049]</b>	

## 22.Electrical Section 2 (C238)

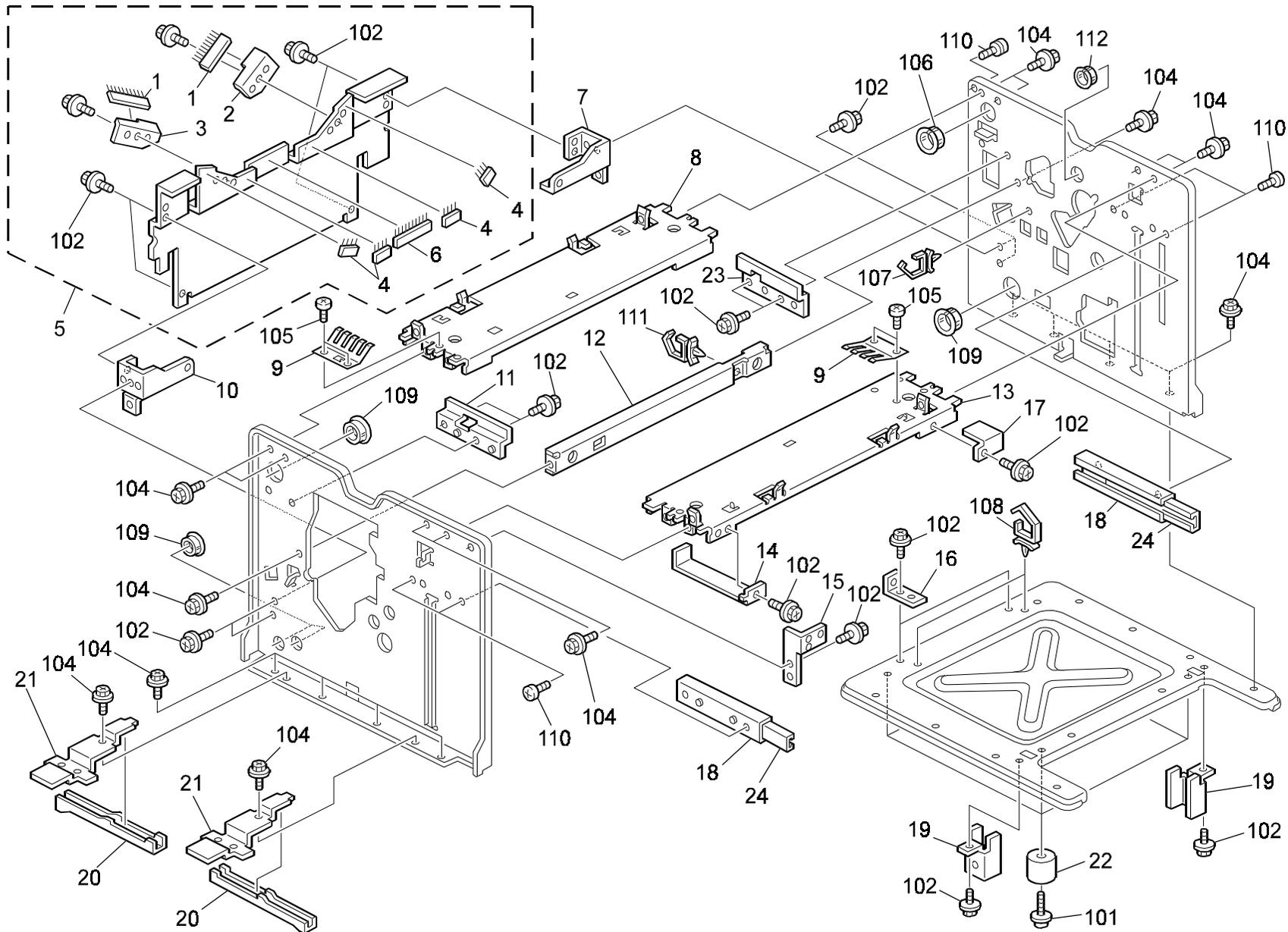


## 22.Electrical Section 2 (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 1339	Key Counter Plate Nut	1
2	C238 5685	Safety Switch Bracket	1
3	5054 0536	Magnet Catch Ass'y	1
4	C238 5646	Safety Switch Spring Plate	1
5	C238 5645	Safety Switch Lever	1
6	C229 5814	DC Motor - 24V	1
7	C238 2785	Tray Motor Bracket	1
8	C238 5200	DC Harness	1
9	C238 5215	Drum Relay Harness	1
10	C238 2611	Connector Bracket	1
11	C209 8288	Table Down Switch	1
12	C238 1387	Front Cover Bracket 2 - Upper	1
13	C238 1388	Front Cover Bracket 3 - Upper	1
14	C238 5205	AC Harness	1
15	C238 5650	Main Switch Bracket	1
16	C238 5651	Total Counter Bracket	1
17	C237 5471	Total Counter - 6fig	1
18	C237 5472	Total Counter - 7fig	1
19	C229 2633	Stepped Screw	2
20	AA14 3005	Stepped Screw - M4x2.5	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0450 4025B	Tapping Screw With Washer - M4x25	
103	1204 2501	Main Switch	
104	1204 2497	Micro Switch	
105	0323 0100Z	Philips Sunken Head Screw - M3x10	
106	0451 3006B	Tapping Screw - M3x6	
107	1105 0508	Harness Clamp - LWS-0711	
108	0453 3006B	Tapping Screw - M3x6	
109	0313 0350B	Philips Pan Head Screw - M3x35	

# 23.Frame Section (C238)



### 23.Frame Section (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C238 3887	Antistatic Brush - Long	2
2	C238 3867	Rear Adjust Plate	1
3	C238 3866	Front Adjust Plate	1
4	C238 3886	Antistatic Brush	4
5	C238 3801	Paper Delivery Stay	1
6	C238 3885	Antistatic Brush - Center	1
7	C238 3882	Rear Bracket	1
8	C238 1998	Left Scanner Stay	1
9	A267 1089	Grounding Plate - Upper Rear	2
10	C238 3881	Front Bracket	1
11	C238 3532	Eject Slide Rail - Front	1
12	C238 3551	Eject Unit Stay	1
13	C238 1990	Right Scanner Stay	1
14	C238 1996	Cover	1
15	C238 1386	Front Cover Bracket 1 - Upper	1
16	C238 3883	Lower Bracket	2
17	C238 1992	Platen Bracket	1
18	C229 2275	Plotter Rail	2
19	C238 1070	Rack Guide	2
20	C229 1071	Grip Plate - Short	2
21	C238 1068	Front Grip Plate	2
22	C238 1057	Rubber Foot	4
23	C238 3531	Eject Slide Rail - Rear	1
24	C229 2276	Middle Plotter Rail	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 4020B	Philips Screw With Washer - M4x20	
102	0451 4006B	Tapping Screw - 4x6	
103	0451 3006B	Tapping Screw - M3x6	
104	0451 4008W	Tapping Screw - M4x8	
105	0453 3006B	Tapping Screw - M3x6	
106	1106 0351	Bushing - 12x35x48	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0508	Harness Clamp - LWS-0711	
109	1106 0349	Bushing - 25	
110	0801 0150	Philips Screw - M4x8	
111	1105 0488	Harness Clamp	
112	1106 0167	Bushing - 11mm	

## 24.MPU Board (C238)

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C101	201	C111	213	C121	200	C131	212	C141	212	C151	212	C161	212
C102	201	C112	200	C122	212	C132	212	C142	210	C152	212	C162	198
C103	-	C113	200	C123	210	C133	210	C143	199	C153	210	C163	208
C104	164	C114	200	C124	212	----	----	C144	212	C154	210	C164	206
C105	201	C115	200	C125	210	C135	212	C145	210	C155	210	C165	213
C106	201	C116	200	C126	212	C136	210	C146	199	C156	212	C166	212
C107	201	C117	200	C127	210	C137	212	C147	210	C157	198	C167	210
C108	201	C118	200	C128	210	C138	210	C148	212	C158	210	C168	210
C109	200	C119	198	C129	213	C139	210	C149	210	C159	212	C169	212
C110	200	C120	212	C130	212	C140	212	C150	212	C160	210	C170	206

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C171	210	C181	212	C191	212	----	----	C211	210	C221	213	C231	212
C172	212	C182	210	C192	205	C202	210	C212	212	C222	213	C232	210
C173	205	C183	212	C193	212	C203	212	C213	212	C223	213	C233	210
C174	212	C184	210	C194	210	C204	212	C214	210	C224	213	C234	212
C175	210	C185	212	C195	212	C205	210	C215	213	C225	212	C235	210
C176	205	C186	207	C196	212	C206	205	C216	210	C226	212	C236	212
C177	209	C187	210	C197	210	C207	210	C217	213	C227	212	C237	212
C178	209	C188	210	C198	198	C208	212	C218	-	C228	210	C238	213
C179	210	C189	212	C199	212	C209	210	C219	166	C229	210	C239	210
C180	212	----	----	C200	212	C210	212	C220	213	C230	212	C240	210

## 24.MPU Board (C238)

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C241	212	C251	212	C261	210	C271	212	C281	205	C291	212	C301	210
C242	212	C252	212	C262	212	C272	212	C282	205	C292	210	C302	206
C243	210	C253	210	C263	210	C273	210	C283	165	C293	208	C303	210
C244	210	C254	212	C264	210	C274	212	C284	206	C294	210	C304	212
C245	212	C255	210	C265	212	C275	210	C285	206	C295	210	C305	210
C246	212	C256	210	C266	210	C276	210	C286	210	C296	212	C306	212
C247	210	C257	210	C267	210	C277	212	C287	210	C297	206	C307	210
C248	210	C258	210	C268	212	C278	212	C288	212	C298	212	C308	212
C249	210	C259	212	C269	212	C279	210	C289	212	C299	210	C309	212
C250	210	C260	210	C270	210	C280	212	C290	212	C300	212	C310	210

### CAPACITOR

SYMBOL NO.	INDEX NO.												
C311	212	C321	210	C331	212	C341	205	C351	212	C361	210	C371	212
C312	210	C322	212	C332	205	C342	205	C352	212	C362	210	C372	212
C313	163	C323	206	C333	210	C343	162	C353	210	C363	210	C373	212
C314	163	C324	212	----	----	C344	205	C354	210	C364	210	C374	212
C315	209	C325	212	C335	205	C345	212	----	----	C365	212	C375	212
C316	209	C326	210	----	----	C346	205	C356	210	C366	212	C376	212
C317	209	C327	210	----	----	C347	212	C357	210	C367	212	C377	212
C318	210	C328	209	----	----	C348	212	C358	210	C368	212	C378	212
C319	212	C329	205	----	----	C349	212	C359	210	C369	212	C379	212
C320	206	----	----	----	----	C350	212	C360	210	C370	212	C380	213

## 24.MPU Board (C238)

### CAPACITOR

SYMBOL NO.	INDEX NO.
C381	213
C382	213
C383	212
C384	212
C385	212
C386	210
C387	208
C388	210
C389	210
C390	210

SYMBOL NO.	INDEX NO.
C391	212
C392	210
C393	212
C394	212
C395	212
C396	212
C397	206
C398	206
C399	206
C400	206

SYMBOL NO.	INDEX NO.
C401	208
C402	206
C403	206
C404	206
C405	206
C406	206
C407	206
C408	206
C409	206
C410	206

SYMBOL NO.	INDEX NO.
C411	206
C412	206
C413	206
C414	206
C415	206
C416	206
C417	206
C418	206

### CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	2
CN102	110
CN103	117
----	----
CN105	117
CN106	105
CN107	104
CN108	112
CN109	106
CN110	105

SYMBOL NO.	INDEX NO.
CN111	109
CN112	108
CN113	116
CN114	119
CN115	114
CN116	113
CN117	111
CN118	107
CN119	115
CN120	-

### DIODE

SYMBOL NO.	INDEX NO.
D101	126
D102	126
D103	126
D104	126
D105	126
D106	126
D107	126
D108	126
D109	124
D110	-

### DIODE

SYMBOL NO.	INDEX NO.
D111	124
D112	125
D113	125
D114	125
D115	125
D116	126
D117	126
D118	126
D119	126

### FIB

SYMBOL NO.	INDEX NO.
FIB101	160
FIB102	160
FIB103	160
FIB104	161
FIB105	161
FIB106	161
FIB107	161
FIB108	161
FIB109	161
FIB110	161

SYMBOL NO.	INDEX NO.
FIB111	161
FIB112	161
FIB113	161
FIB114	161
FIB115	161
FIB116	160
FIB117	160
FIB118	160
FIB119	170
FIB120	167

### IC

SYMBOL NO.	INDEX NO.
IC101	143
IC102	147
IC103	148
IC103	5
IC103	101
IC103	102
IC104	148
IC104	5
IC104	101
IC104	102

SYMBOL NO.	INDEX NO.
IC105	150
IC106	150
IC107	150
IC108	128
IC109	145
IC110	144
IC111	145
IC112	149
IC113	144
IC114	128

SYMBOL NO.	INDEX NO.
IC115	123
IC116	143
IC117	138
IC118	129
IC119	138
IC120	130
IC121	131
IC121	120
IC122	138
IC123	135

SYMBOL NO.	INDEX NO.
IC124	137
IC125	135
IC126	136
IC127	138
IC128	140
IC129	140
IC130	120
IC131	138
IC132	142
IC133	214

## 24.MPU Board (C238)

### IC

SYMBOL NO.	INDEX NO.
IC134	138
IC135	138
IC136	139
IC137	1
IC138	141
IC139	3
IC140	133
IC142	4
IC143	134
IC144	138

SYMBOL NO.	INDEX NO.
IC145	129
IC146	146
IC147	138
IC148	138
IC149	138
IC150	138

### LED

SYMBOL NO.	INDEX NO.
LED101	-
LED102	127
LED103	127
LED104	127

### OSC

SYMBOL NO.	INDEX NO.
OSC101	152
OSC102	151
OSC103	153

### Q

SYMBOL NO.	INDEX NO.
Q101	121
Q102	122
Q103	122
Q104	122
Q105	122
Q107	122
Q109	122
Q110	122
Q111	122
Q112	122

### RESISTOR

SYMBOL NO.	INDEX NO.
Q113	122
Q114	122
Q115	122
Q116	122
Q117	121

SYMBOL NO.	INDEX NO.
R101	171
R102	-
R103	174
R104	-
R105	194
R106	185
R107	180
R108	195
R109	195
R110	196

### RESISTOR

SYMBOL NO.	INDEX NO.
R111	196
R112	197
R113	184
R114	175
R115	177
R116	175
R118	175
----	----
----	----
----	----

SYMBOL NO.	INDEX NO.
R121	182
R122	179
R123	179
R124	175
R125	179
R126	175
R127	175
R128	175
R129	175
R130	168

SYMBOL NO.	INDEX NO.
R131	176
R132	173
R133	175
R134	180
----	----
R136	175
R137	182
R138	181
R139	179
R140	176

SYMBOL NO.	INDEX NO.
R141	179
R142	179
R143	179
R144	179
R145	179
R146	179
R147	178
R148	176
R149	175
R150	179

SYMBOL NO.	INDEX NO.
R151	175
R152	179
R153	179
R154	179
R155	180
R156	179
R157	194
R158	180
R159	-
R160	180

SYMBOL NO.	INDEX NO.
R161	-
R162	174
R163	182
R164	190
R165	182
R166	190
R167	172
R168	
R169	172
R170	

SYMBOL NO.	INDEX NO.
R171	-
R172	172
R173	191
R174	191
R175	194
R176	186
R177	193
R178	193
R179	187
R180	187

## 24.MPU Board (C238)

### RESISTOR

SYMBOL NO.	INDEX NO.												
R181	187	R191	183	R201	175	R211	189	R221	179	R231	175	R241	175
R182		R192	175	R202	175	R212	174	----	----	R232	175	R243	175
R183		R193	175	R203	175	R213	175	----	----	R233	175	----	----
R184		R194	175	R204	175	R214	174	----	----	R234	175	R244	175
R185	192	R195	175	R205	175	R215	174	----	----	R235	175	R245	179
R186	192	R196	175	R206	175	R216	175	R226	179	R236	175	R246	180
R187	192	R197	175	R207	175	R217	168	R227	179	R237	175	----	----
R188	204	----	----	R208	175	----	----	R228	179	R238	175	R248	175
R189	204	R199	175	R209	179	R219	180	R229	175	R239	179	----	----
R190	204	R200	175	R210	188	R220	179	R230	175	R240	175	----	----

### RESISTOR

SYMBOL NO.	INDEX NO.												
R251	175	R261	203	R271	179	RAY101	156	RAY111	155	RAY121	158	RAY131	155
R252	179	R262	175	R272	174	RAY102	155	RAY112	155	RAY122	155	RAY132	158
R253	175	R263	175	R273	174	RAY103	155	RAY113	155	RAY123	155	RAY133	155
R254		R264	175	R274	168	RAY104	155	RAY114	155	RAY124	158	RAY134	155
R255	179	R265	174	R275	168	RAY105	155	RAY115	158	RAY125	155	RAY135	155
R256	175	R266	202	R276	175	RAY106	155	RAY116	158	RAY126	154	RAY136	158
R257	175	R267	202	R277	175	----	----	RAY117	158	RAY127	155	RAY137	158
R258	175	----	----	R278	174	RAY108	155	RAY118	158	RAY128	158	RAY138	158
R259	180	R269	174	R279	175	RAY109	155	RAY119	154	RAY129	155	RAY139	158
R260	203	R270	175			RAY110	155	RAY120	155	RAY130	158	RAY140	158

### RAY

## 24.MPU Board (C238)

### RAY

SYMBOL NO.	INDEX NO.
RAY141	158
RAY142	158
RAY143	158
RAY144	158
RAY145	155
RAY146	158
RAY147	158
RAY148	155
RAY149	158
RAY150	155

SYMBOL NO.	INDEX NO.
RAY151	158
RAY152	158
RAY153	155
RAY154	158
RAY155	155
RAY156	158
RAY157	158
RAY158	157
RAY159	157
RAY160	157

SYMBOL NO.	INDEX NO.
RAY161	157
RAY162	155
RAY163	155
RAY164	155
RAY165	155
RAY166	155
RAY167	155
RAY168	169
RAY169	155
RAY170	169

SYMBOL NO.	INDEX NO.
RAY171	169
RAY172	155
RAY173	169
RAY174	158
RAY175	155
RAY176	158
RAY177	155
RAY178	155
RAY179	155
RAY180	155

SYMBOL NO.	INDEX NO.
RAY181	155

### TP

SYMBOL NO.	INDEX NO.
TP101	-
TP102	103
TP103	-
TP104	-
TP105	-
TP106	103
TP107	-
TP108	103
TP109	103
TP110	103

SYMBOL NO.	INDEX NO.
TP111	-
TP112	-
TP113	-
TP114	-
TP115	-
TP116	-
TP117	-
TP118	-
TP119	-
TP120	-

### VR

SYMBOL NO.	INDEX NO.
VR101	-
VR102	159

## 24.MPU Board (C238)

Index No.	Part No.	Description	Q'ty Per Assembly
*	C238 5100	MPU Board	1
1	A250 5503	IC - V-IPU	1
2	C232 5351	Connector - 68POLE	1
3	C236 5353	IC - GATC LC27047C-RJ0	1
4	C238 5355	IC - LC272A6BT-UC3	1
5	C238 5687	Heat Sink	1
6	C238 5124	Program I/O	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006Z	Philips Screw With Flat Washer - M3	
102	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	
103	1100 1474	Test Pin	
104	1102 4205	CT Header - 6P	
105	1102 4684	Connector - 5566-06R-210	
106	1102 5412	Connector - 26P	
107	1102 5413	Connector - 28P	
108	1102 5414	Connector - 30P	
109	1102 6592	Connector - 8P	
110	1102 6595	Connector - 11P	
111	1102 7455	Connector - FX6-60S-0.8SV2	
112	1102 7857	Connector - B32B-KRWHK-1C	
113	1102 8063	Connector - 54373-0600	
114	1102 8400	Connector - B13B-CZHK-B-1	
115	1102 8406	Connector - B20B-CZWHK-B-1	
116	1102 8408	Connector - B24B-CZWHK-B-1	
117	1102 8410	Connector - B28B-CZWHK-B-1	
118	1102 8594	Connector - B15B-CZHK-B-1	
119	1102 8596	Connector - B30B-CZWHK-B-1	
120	1104 0588	DIP Socket - 28p	
121	1400 0455	Transistor - 2SC2873Y	
122	1400 0555	Transistor - DTC143EK	
123	1401 0400	Transistor Array - SLA4060	
124	1402 0804	Silicon Diode - 45V - 0.3A	
125	1402 1041	Diode - DA204U	
126	1402 1342	Diode - 1SR154-400	
127	1403 0829	Diode - SEC1201C	
128	1407 1535	IC - TD62308AP	
129	1407 2187	TTLIC - SN74LS07NS	
130	1407 4565	IC - TE6251	
131	1407 4696	IC - M48T58Y-70PC1	
132	1407 4870	CMOSIC - 74VHC08 TSSOP	
133	1407 4874	CMOSIC - 74VHC32 TSSOP	
134	1407 4879	CMOS IC - 74VHC74 TSSOP	
135	1407 4898	IC - 74VHC14 TSSOP	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 4900	IC - 74VHC138 TSSOP	
137	1407 4902	IC - 74VJC157 TSSOP	
138	1407 4919	IC - 74VHCT244 TSSOP	
139	1407 5032	IC - MBM29F400TC-70pFTN	
140	1407 5162	IC - HD6412350F20	
141	1407 5331	IC - TC7MB3245FK	
142	1408 0575	IC - M51957BFP	
143	1408 0595	IC - NJM2904M	
144	1408 0827	IC - TA8429H	
145	1408 1204	IC - TA8083P	
146	1408 1295	IC - UPC2933T	
147	1408 1408	IC - STK672-060	
148	1408 1410	IC - STK672-120	
149	1408 1466	Series Regulator - TA78M05S	
150	1408 1549	IC - STK672-210	
151	1503 0837	Oscillator - 21.576MHZ	
152	1503 0863	Oscillator - 14.7456MHz	
153	1503 0871	Oscillator - 44MHz	
154	1601 7751	Resistor - 4.7K $\Omega$ $\pm$ 5%	
155	1601 7752	Resistor Array - 10K $\Omega$ $\pm$ 5%	
156	1601 7796	Resistor Array - 2.2KO	
157	1601 7814	Resistor - 3.3K $\Omega$ $\pm$ 5%	
158	1601 7867	Resistor - 33 $\Omega$ $\pm$ 5% 1/16W	
159	1601 8608	Resistor - 200K $\Omega$ $\pm$ 10% 0.5W	
160	1602 0987	Capacitor & Coil - 270pF 100V	
161	1602 7011	Capacitor - 270pF $\pm$ 20% 50V	
162	1605 0744	Capacitor - EMK212F105Z	
163	1605 0781	Capacitor - 5pF 50V	
164	1605 1136	Ceramic Capacitor - 33000pF $\pm$ 10% 25V	
165	1605 1161	Capacitor - 0.33 $\mu$ F $\pm$ 10% 10V	
166	1605 1190	Ceramic Capacitor - 0.022 $\mu$ F $\pm$ 10% 50V	
167	1607 0815	BLM41P600SPB	
168	1607 0870	Filter - BK1608HS121	
169	1607 1016	Filter Array - MZA3216R301A	
170	1607 1018	Filter - ACB1608H-120	

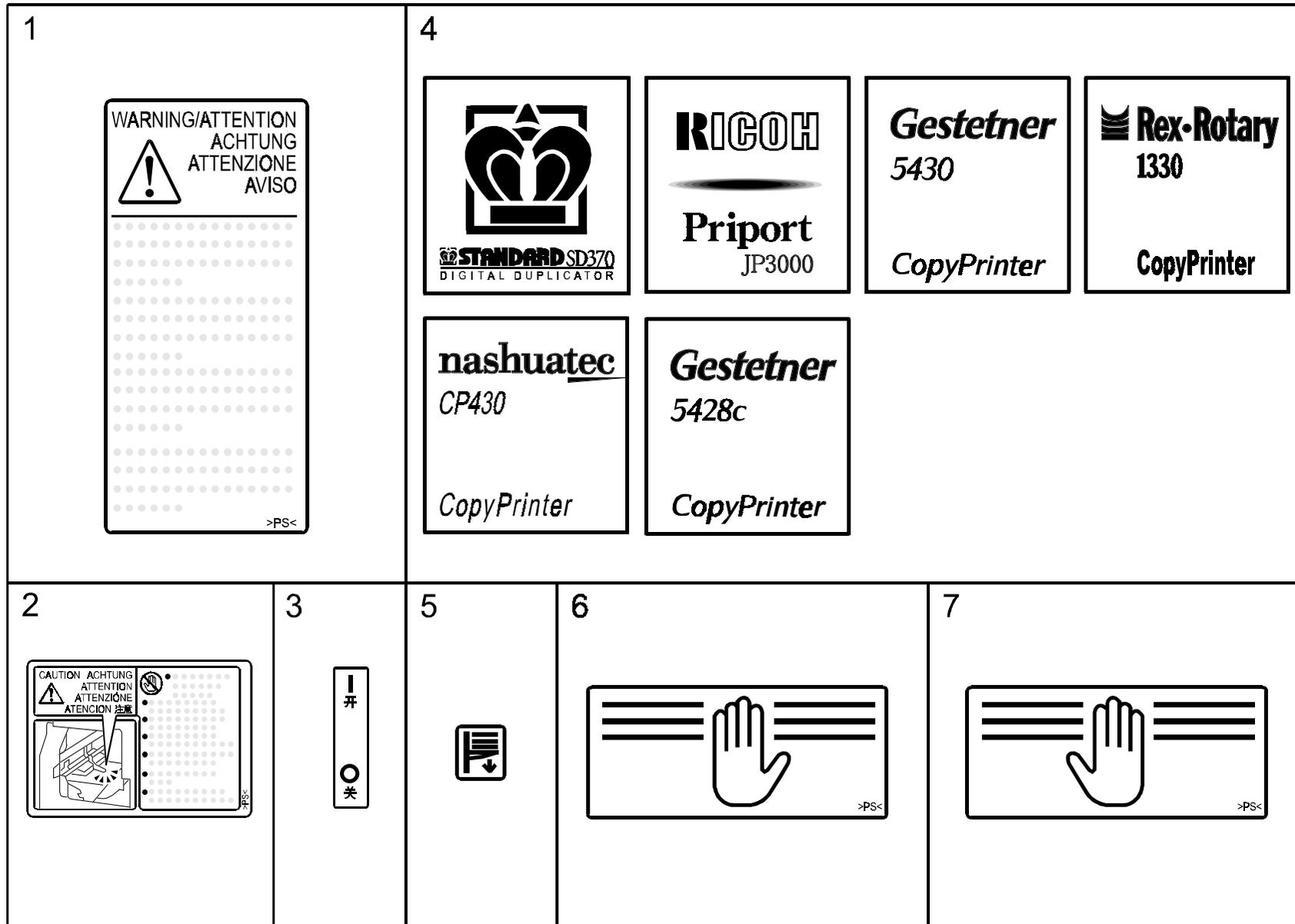
Index No.	Part No.	Description	Q'ty Per Assembly
171	1610 1234	Resistor - 47 $\Omega$ 1W $\pm$ 5%	
172	1630 3151	Resistor - 150 $\Omega$ $\pm$ 5% 1/10W	
173	1630 4101	Resistor - 100 $\Omega$ $\pm$ 5% 1/16W	
174	1630 4102	Resistor - 1.0K $\Omega$ $\pm$ 5% 1/16W	
175	1630 4103	Resistor - 10K $\Omega$ $\pm$ 5% 1/16W	
176	1630 4105	Resistor - 1.0M $\Omega$ $\pm$ 5% 1/16W	
177	1630 4244	Resistor - 240K $\Omega$ $\pm$ 5% 1/16W	
178	1630 4271	Resistor - 270 $\Omega$ $\pm$ 5% 1/16W	
179	1630 4330	Resistor - 33 $\Omega$ $\pm$ 5% 1/8W	
180	1630 4332	Resistor - 3.3K $\Omega$ $\pm$ 5% 1/16W	
181	1630 4471	Resistor - 470 $\Omega$ $\pm$ 5% 1/16W	
182	1630 4472	Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W	
183	1630 4473	Resistor - 47k $\Omega$ - $\pm$ 5% - 1/16W	
184	1630 4514	Resistor - 510k $\Omega$ $\pm$ 5.00% 1/16W	
185	1630 4683	Resistor - 68k $\Omega$ $\pm$ 5% 1/16W	
186	1630 4824	Resistor - 820k $\Omega$ $\pm$ 5% 1/16W	
187	1633 1001	Resistor - 1K $\Omega$ $\pm$ 1% 1/10W	
188	1633 1002	Resistor - 10K $\Omega$ $\pm$ 1% 1/10W	
189	1633 3741	Resistor - 3.7K $\Omega$ $\pm$ 5% 1/10W	
190	1633 3831	Resistor - 3.83K $\Omega$ $\pm$ 1% 1/10W	
191	1633 5101	Resistor - 5.1k $\Omega$ $\pm$ 1% 1/10W	
192	1633 5621	Resistor - 5.62K $\Omega$ $\pm$ 1% 1/10W	
193	1633 8200	Resistor - 820 $\Omega$ $\pm$ 1% 1/10W	
194	1634 0000	Resistor - 0 $\Omega$ 1/16W	
195	1634 1000	Resistor - 100 $\Omega$ $\pm$ 1% 1/16W	
196	1634 1600	Resistor - 160 $\Omega$ $\pm$ 1% 1/16W	
197	1634 4700	Resistor - 470 $\Omega$ $\pm$ 1% 1/16W	
198	1640 1101	Capacitor - 100 $\mu$ F- $\pm$ 20% 16V	
199	1640 2470	Capacitor - 47 $\mu$ F $\pm$ 20% 25V	
200	1640 5100	Capacitor - 10 $\mu$ F+20% 50	
201	1640 5101	Capacitor - 100 $\mu$ F $\pm$ 20% 50V	
202	1652 1201	Resistor - 1.2K $\Omega$ $\pm$ 1% 1/4W	
203	1652 4700	Resistor - 470 $\Omega$ $\pm$ 1% 1/4W	
204	1653 1911	Resistor - 1.91K $\Omega$ $\pm$ 1% 1/8W	
205	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	



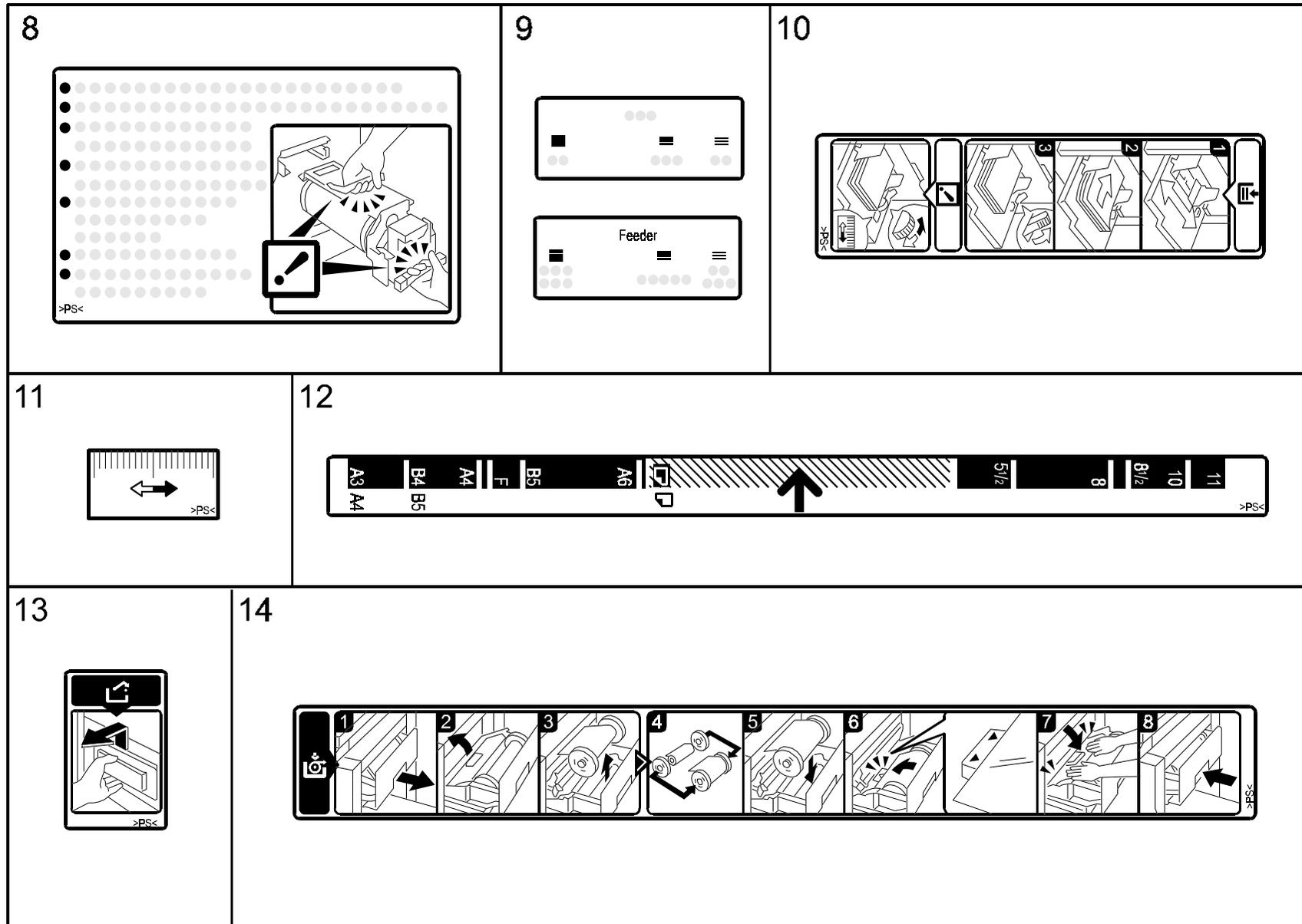
Index No.	Part No.	Description	Q'ty Per Assembly
206	1660 2101	Capacitor - 100pF - $\pm 10\%$ - 50V	
207	1660 2151	Capacitor - 150pF $\pm 20\%$ 35V	
208	1660 2220	Capacitor - 22pF $\pm 20\%$ 35V	
209	1660 2470	Capacitor - 47pF $\pm 5\%$ 50V	
210	1660 2471	Capacitor - 470pF - $\pm 5\%$ - 50V	
211	1660 4102	Capacitor - 1000pF $\pm 10\%$ 50V	
212	1660 4103	Capacitor - 10000pF - $\pm 10\%$ - 50V	
213	1660 8104	Capacitor - 0.1 $\mu$ F+80-20% 25V	
214	1902 0056	RAM - 256K X870NS G14	

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

## 25.Decals And Documents (C238)

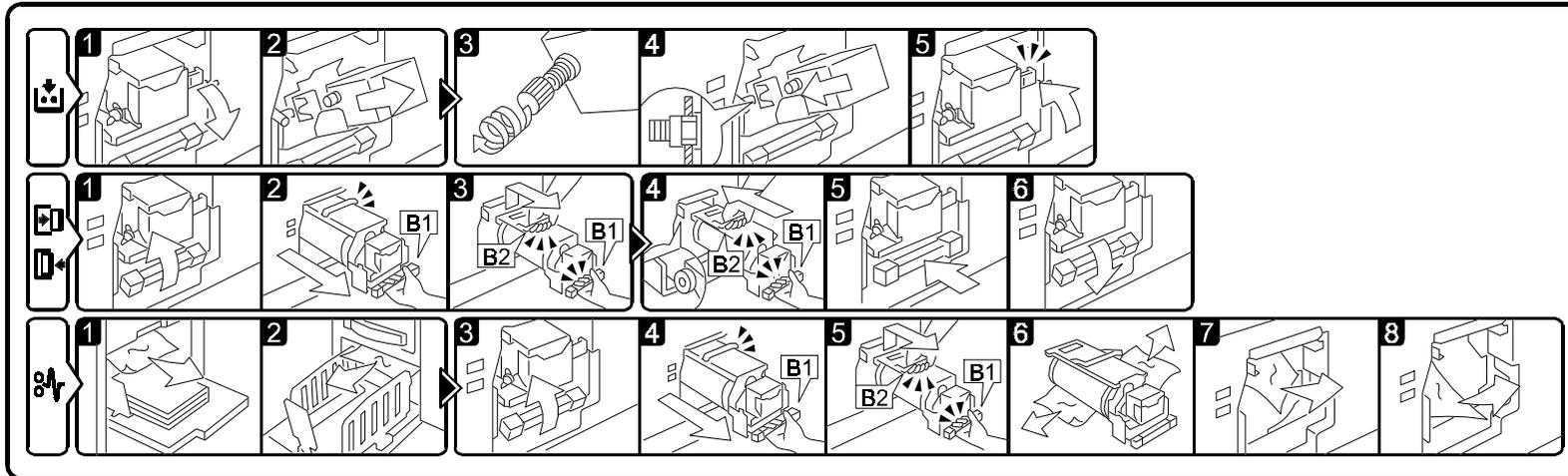


## 25. Decals And Documents (C238)

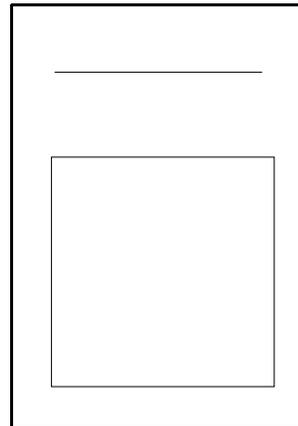


## 25.Decals And Documents (C238)

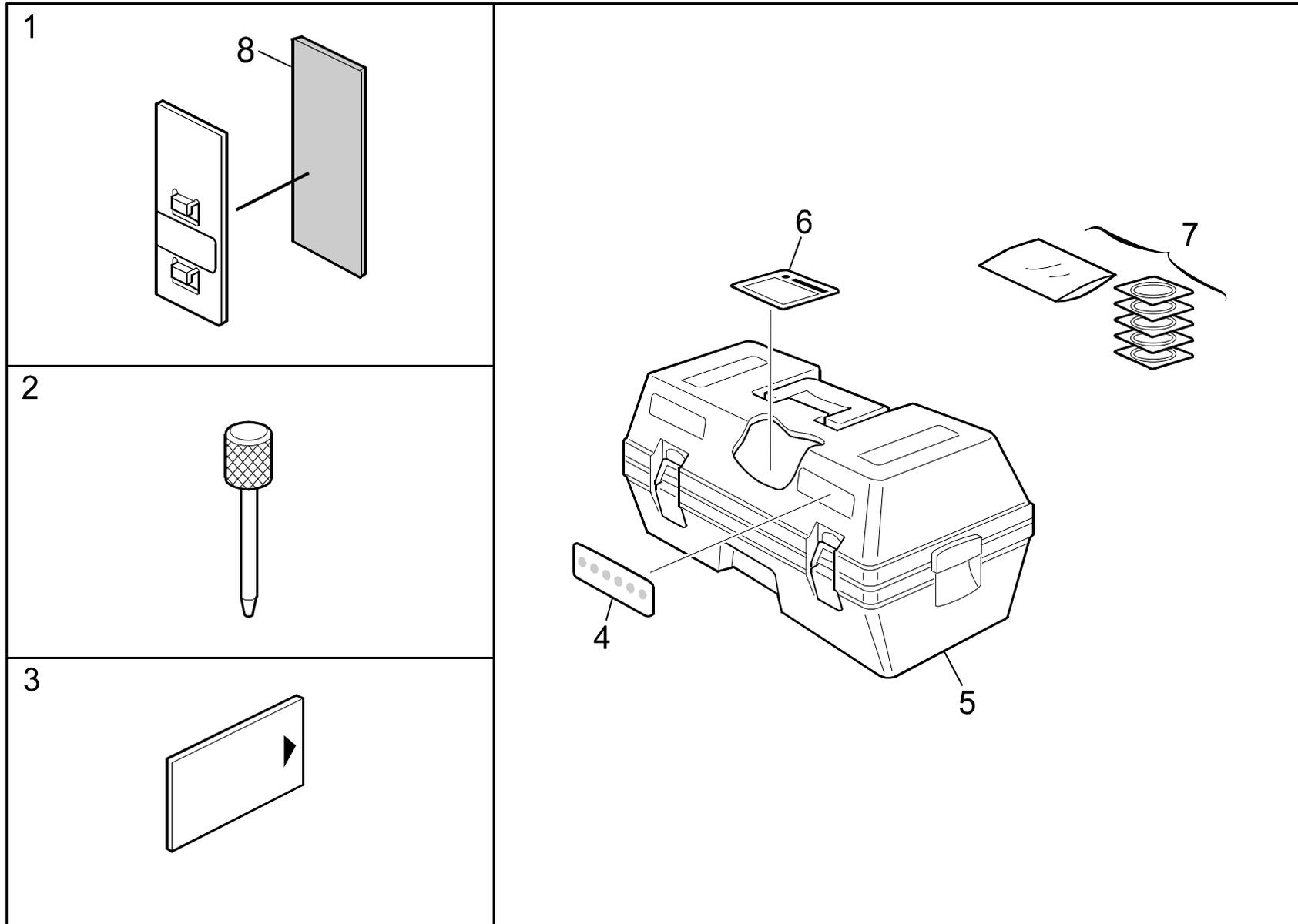
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## 26.Accessories And Special Tools (C238)

Rev. 02/25/2003

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1	C238 2770	Paper Plate Thin Pad	2
2	A006 9104	Adjusting Scanner Pin (4PCS/SET)	2
3	A230 9352	Flash Memory Card - 4MB	1
4	C608 1265	Decal - Type 30 A3	1
5	C608 1000	Optional Drum Case	1
6	C608 1251	Decal - Drum Position	1
7	C608 2251	Drum Decal - Red	1
7	C608 2252	Drum Decal - Blue	1
7	C608 2253	Drum Decal - Green	1
7	C608 2254	Drum Decal - Brown	1
7	C608 2259	Decal - Shield Drum White	1
8	C238 2772	Thin Pad	2

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



**C238**  
**PARTS INDEX**



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

## PM Parts Index

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Press Roller Section (C238)	C238 3064	Press Roller	Pressure Roller - A3	1	27- 14
Drum Unit 2 (C238)	C238 2304	Cloth Screen	Cloth Screen - A3	1	31- 1
	C609 2382	Cloth Screen	Cloth Screen - A4	1	31- 1
Drum Unit 4 (C238)	C238 2460	Ink Roller one-way Clutch	Ink Roller Drive Gear	1	35- 34
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