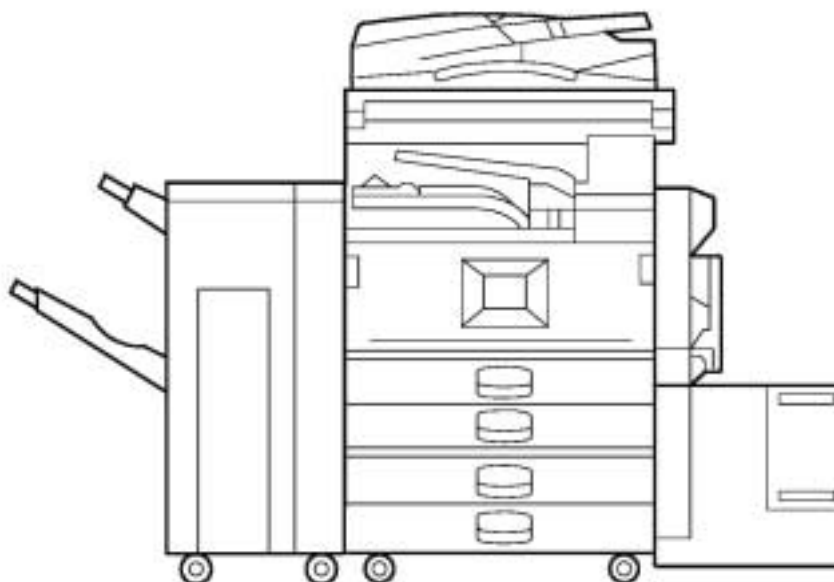


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**B135/B138**

**PARTS CATALOG**

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RICOH GROUP COMPANIES

001904MIU

CÓPIA NÃO CONTROLADA

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**B135/B139**  
**PARTS CATALOG**



RICOH GROUP COMPANIES

CÓPIA NÃO CONTROLADA

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



# **B135/B138 PARTS CATALOG**

001904MIU



CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

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CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA



# LEGEND

PRODUCT CODE	COMPANY			
	GESTETNER	LANIER	RICOH	SAVIN
B135	DSm635	LD 035e	Aficio 2035e	4035e
B138	DSm645	LD 045e	Aficio 2045e	4045e
B408	Finisher SR790			
B538	Bridge Unit Type 2045			
B541	Document Feeder DF76			
B542	Paper Tray Unit PS530			
B543	Large Capacity Tray RT45			
B544	Sorter PT330			
B545	Finisher SR880			
B546	Finisher SR890			
B653	Fax Option Type 2045/G3 Interface Unit Type 2045e			
B654	Printer/Scanner Unit Type 2045e			

# DOCUMENTATION HISTORY

REV. NO.	DATE	COMMENTS
*	02/2004	Original Printing

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

# B135/B138 PARTS CATALOG

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CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

# **B135/B138**

## **PARTS LOCATION AND LIST**

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

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

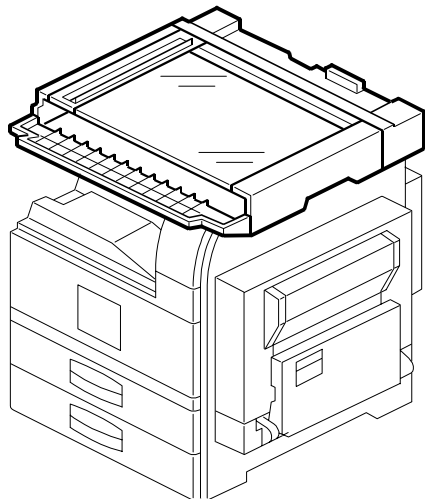


CÓPIA NÃO CONTROLADA

## LOCATIONS OF UNITS

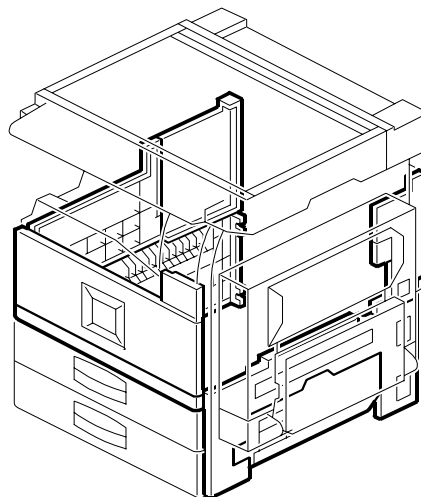
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1. EXTERIOR 1 (B135/B138)



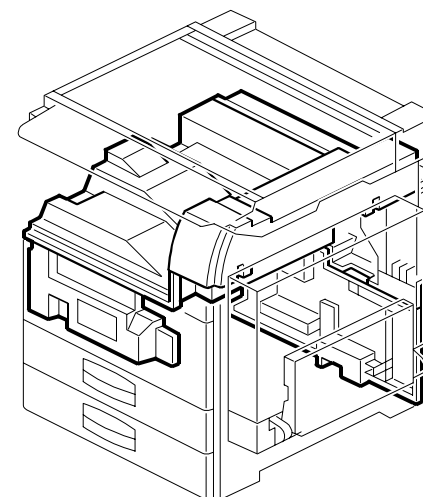
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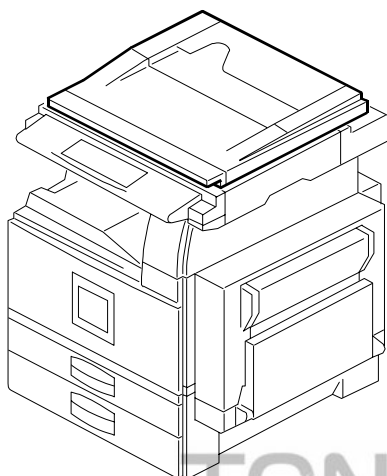
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3. EXTERIOR 3 (B135/B138)



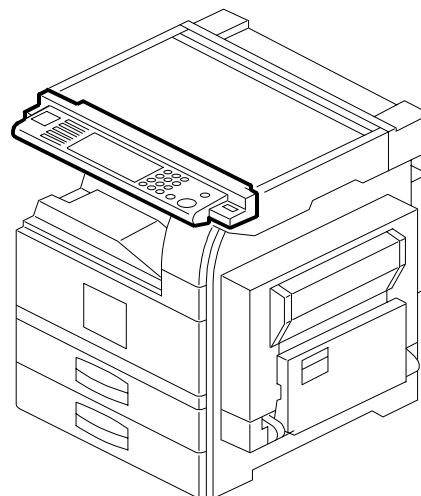
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4. PLATEN COVER (B135/B138)



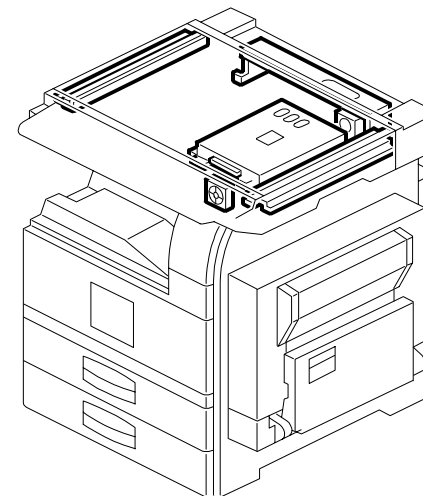
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5. OPERATION PANEL ASS'Y (B135/B138)



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6. OPTICS UNIT 1 (B135/B138)



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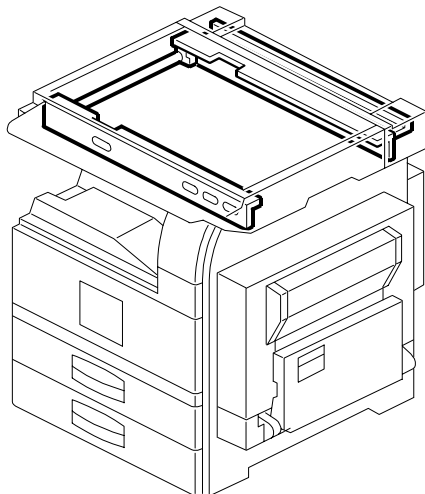
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## LOCATIONS OF UNITS

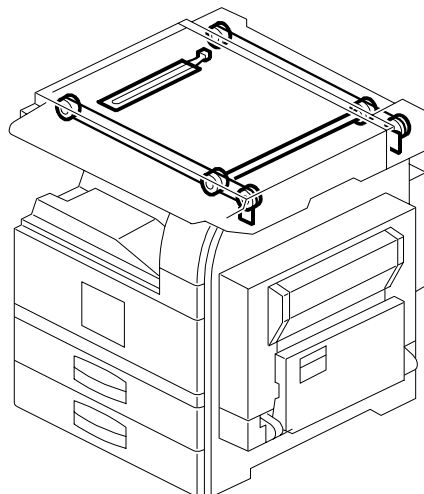
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7. OPTICS UNIT 2 (B135/B138)



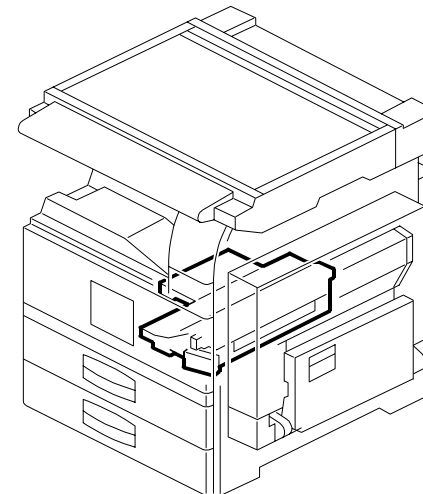
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8. OPTICS UNIT 3 (B135/B138)



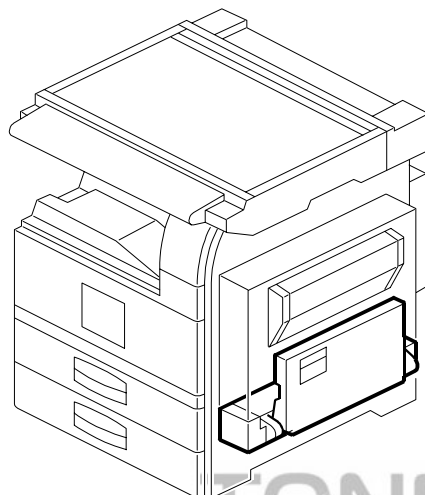
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9. LASER UNIT (B135/B138)



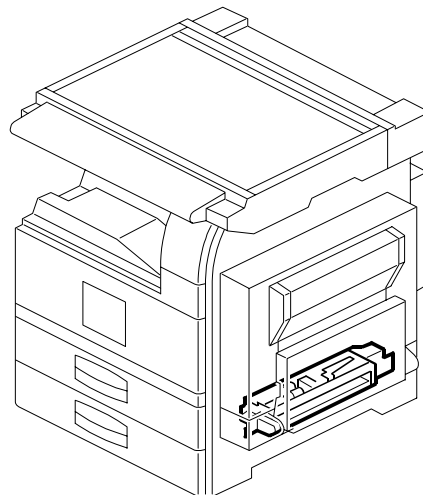
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10. BY-PASS FEED UNIT 1 (B135/B138)



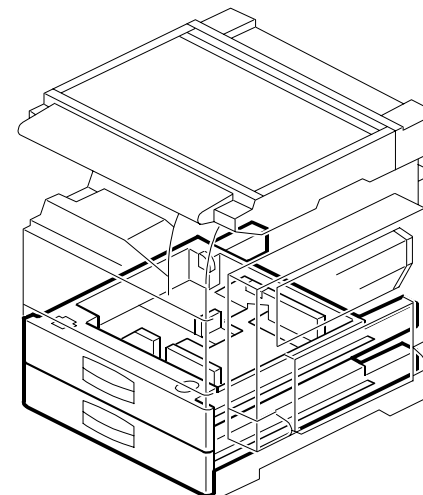
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11. BY-PASS FEED UNIT 2 (B135/B138)



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12. PAPER TRAY UNIT (B135/B138)



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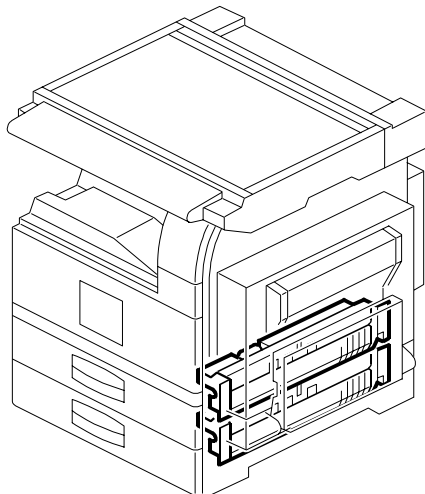
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## LOCATIONS OF UNITS

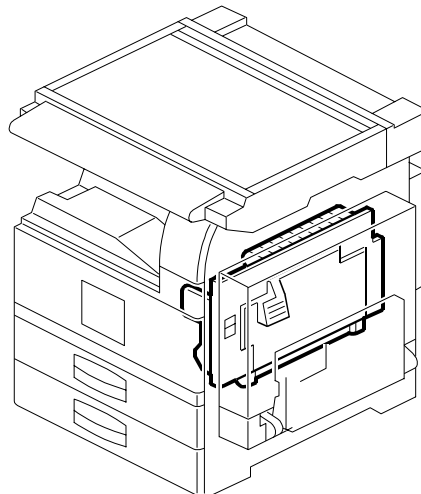
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13. PAPER FEED SECTION (B135/B138)



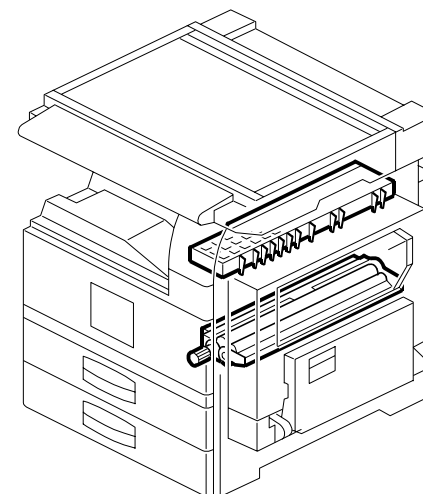
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14. VERTICAL TRANSPORT (B135/B138)



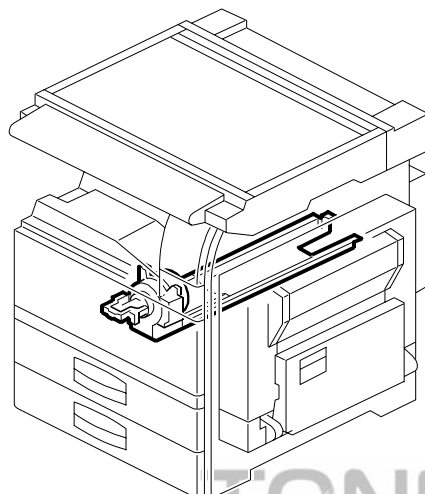
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15. PAPER REGISTRATION (B135/B138)



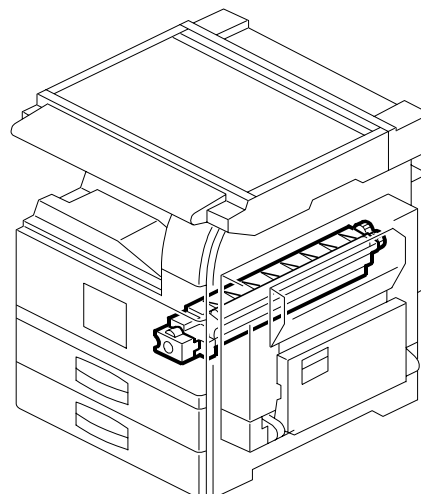
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16. TONER HOPPER UNIT (B135/B138)



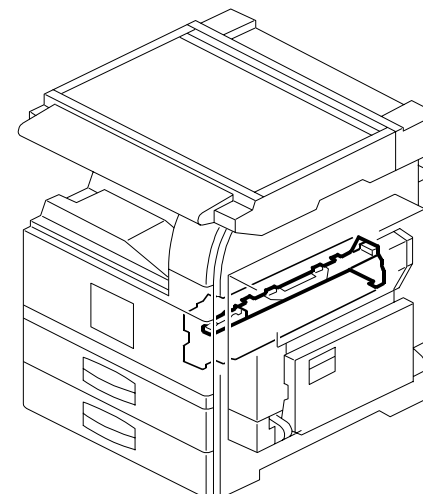
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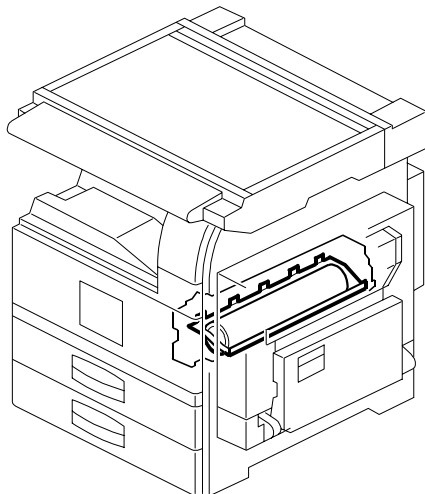
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## LOCATIONS OF UNITS

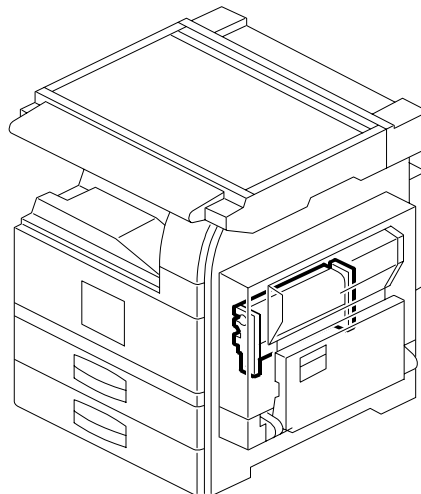
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19. OPC UNIT (B135/B138)



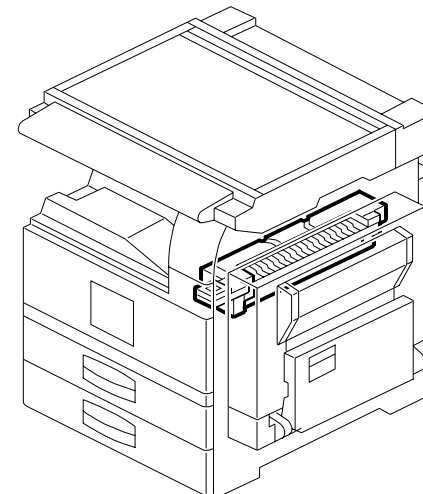
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20. TRANSFER UNIT (B135/B138)



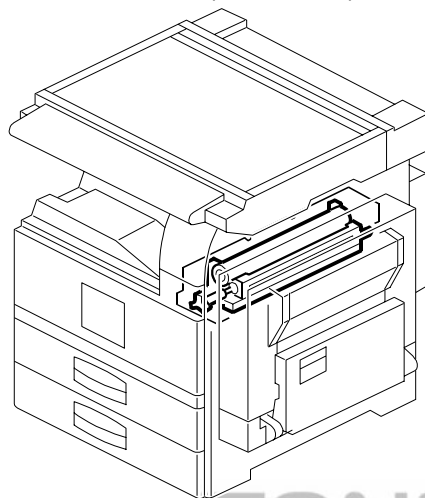
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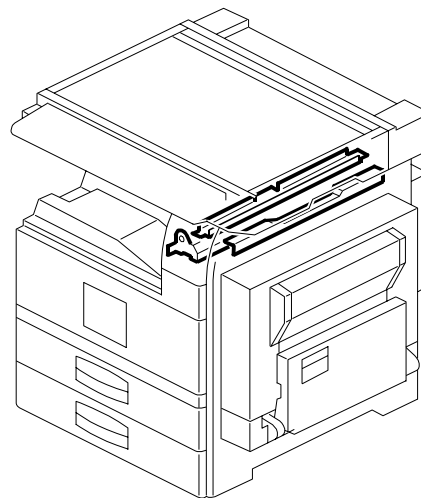
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22. FUSING UNIT 2 (B135/B138)



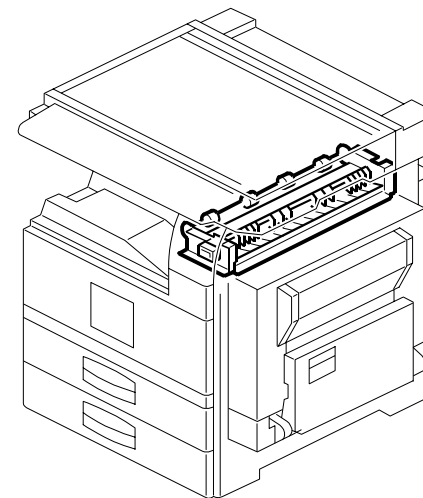
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23. PAPER SEPARATION UNIT 1



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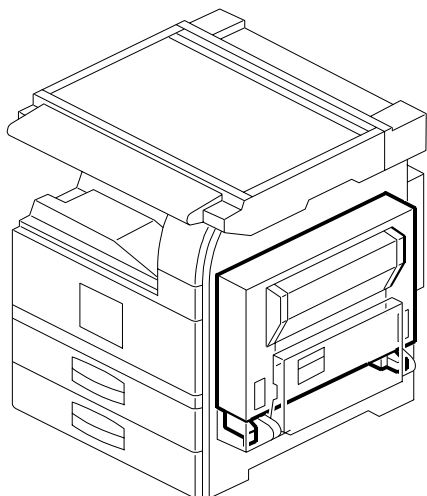
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## LOCATIONS OF UNITS

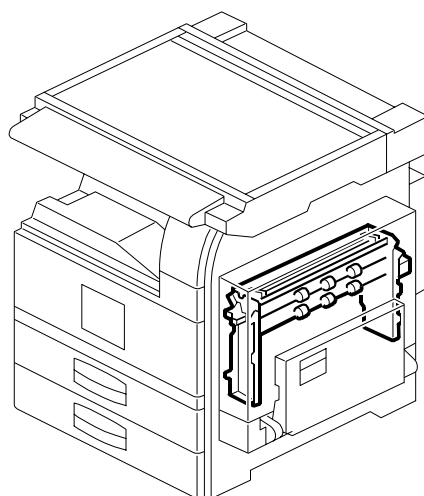
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25. DUPLEX UNIT 1 (B135/B138)



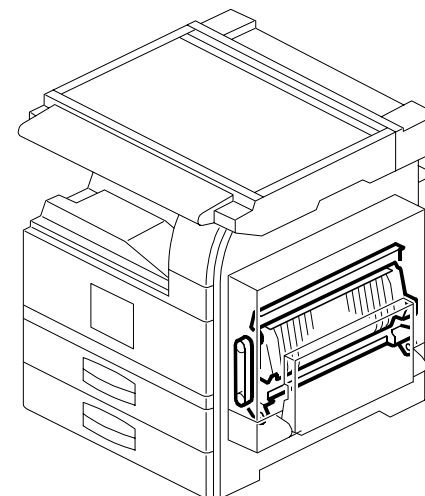
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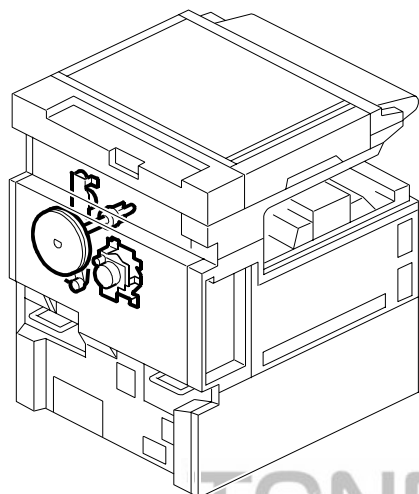
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27. DUPLEX UNIT 3 (B135/B138)



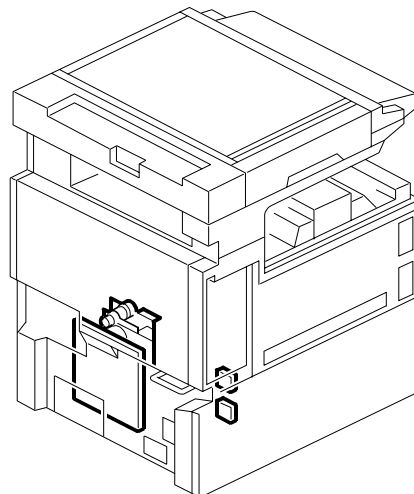
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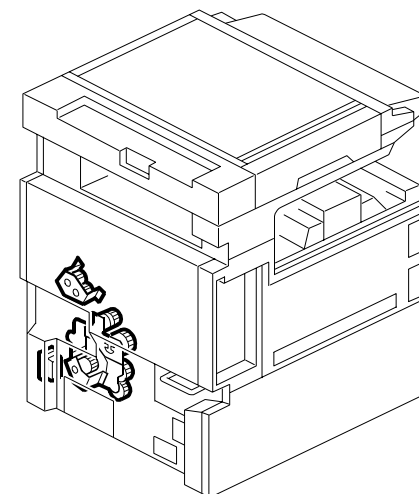
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30. DRIVE SECTION 3 (B135/B138)



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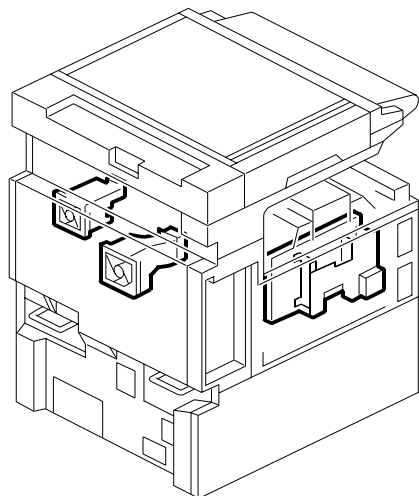
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## LOCATIONS OF UNITS

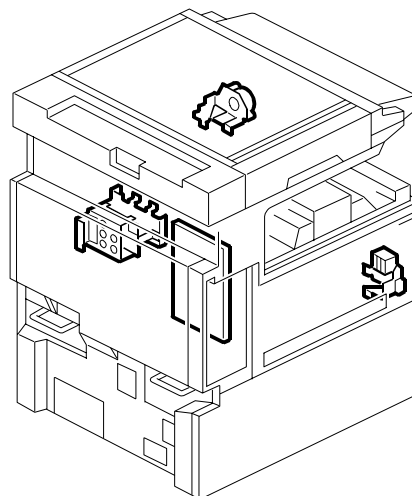
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31. ELECTRICAL SECTION 1 (B135/B138)



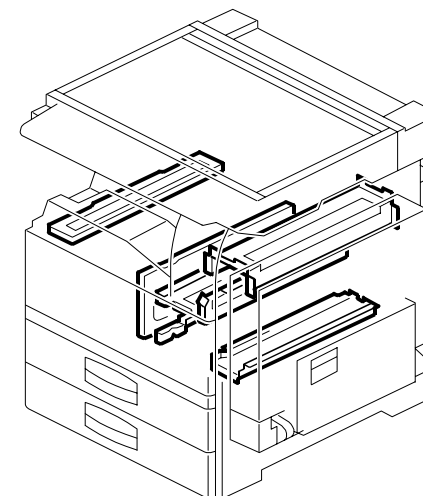
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32. ELECTRICAL SECTION 2 (B135/B138)



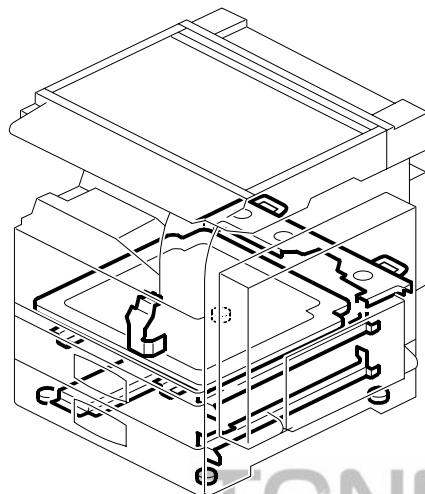
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33. FRAME SECTION 1 (B135/B138)



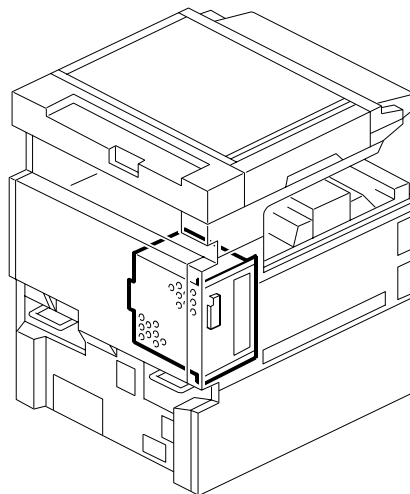
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34. FRAME SECTION 2 (B135/B138)



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35. EXPANSION BOX (B135/B138)



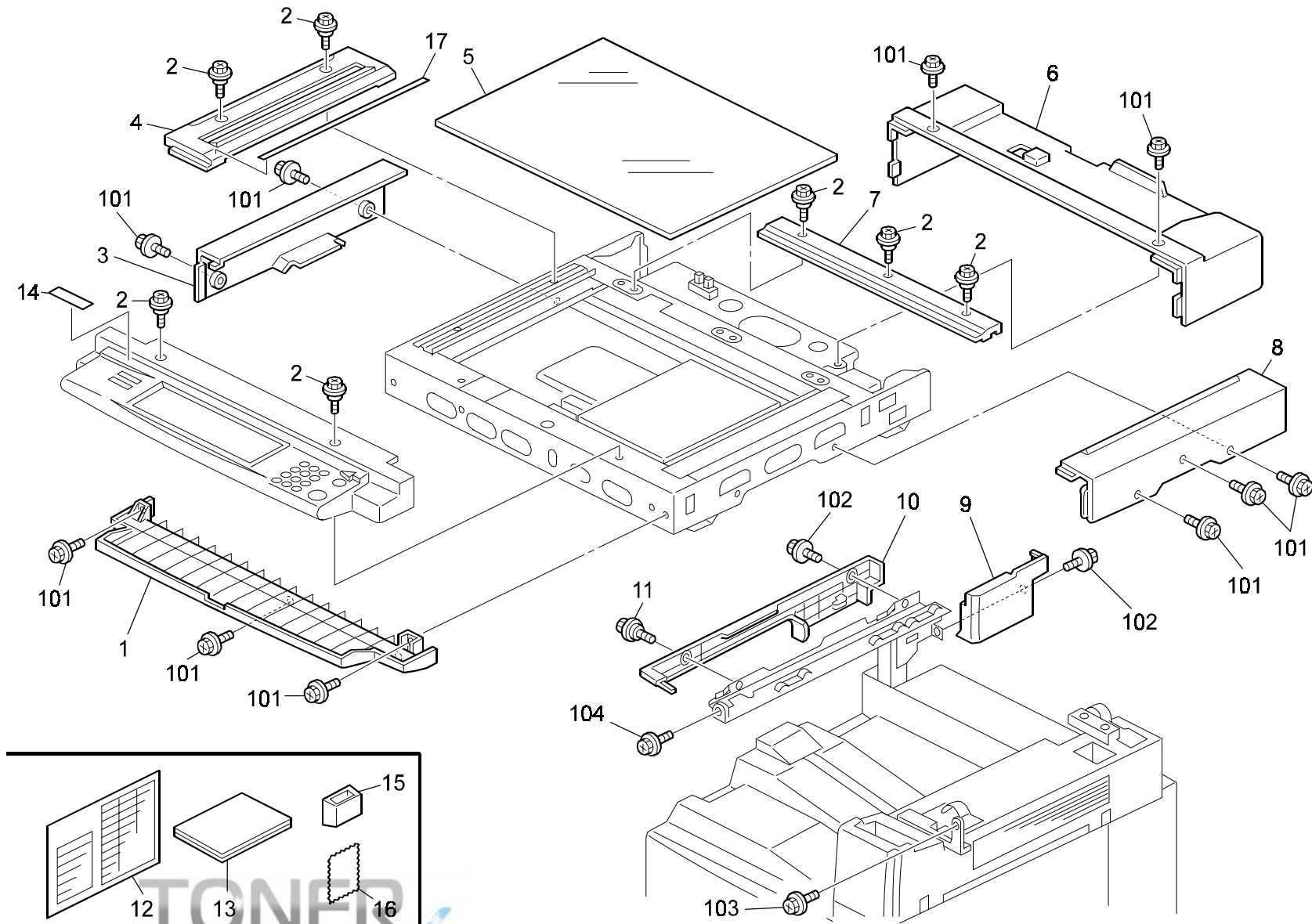
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CÓPIA NÃO CONTROLADA

## 1.EXTERIOR 1 (B135/B138)

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# 1.EXTERIOR 1 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1338	Cover:Lower:Operation Sub-unit (NA)	1
1	B077 6338	Cover:Lower:Operation Sub-unit:EU	1
2	AA14 3520	Shoulder Screw - M3	7
3	B077 1337	Cover:Left:Scanner (NA)	1
3	B077 6337	Cover:Left:Scanner:EU	1
4	G564 6521	Left Scale - NA	1
4	G564 6511	Left Scale - EU	1
5	AC01 2067	Exposure Glass	1
6	B077 1330	Cover:Upper Rear:Scanner (NA)	1
6	B077 6335	Cover:Upper Rear:Scanner:EU	1
7	G570 1245	Rear Scale	1
8	B077 1336	Cover:Right:Scanner (NA)	1
8	B077 6336	Cover:Right:Scanner:EU	1
9	B077 1276	Cover:Arm:Right	1
10	B077 1275	Cover:Arm:Scanner Unit	1
11	AA14 3523	Shoulder Screw - M3	1
12	B082 6400	Decal:Size Indication	1
13	B138 6506	Operating Instructions:Main:RIC:CHN: Chinese	1
13	B138 6508	Operating Instructions:Main: RIC:AA:English	1
13	B138 6509	Operating Instructions:Main:RIC:TWN: Taiwan	1
13	B138 6507	Operating Instructions:Main:RIC:GSA: English	1
13	B082 6606	Operating Instructions:Copy:RIC:CHN: Chinese	1
13	B138 6608	Operating Instructions:Copy:RIC:AA:English	1
13	B138 6609	Operating Instructions:Copy:RIC:TWN: Taiwan	1
13	B138 6607	Operating Instructions:Copy:RIC:GSA: English	1
14	C225 2866	Decal - Keytop Cover (REX)	1
14	C225 2867	Decal - Keytop Cover (NSA)	1
15	B065 1371	Cloth Holder	1
16	B065 1374	Cloth - DF Exposure Glass	1

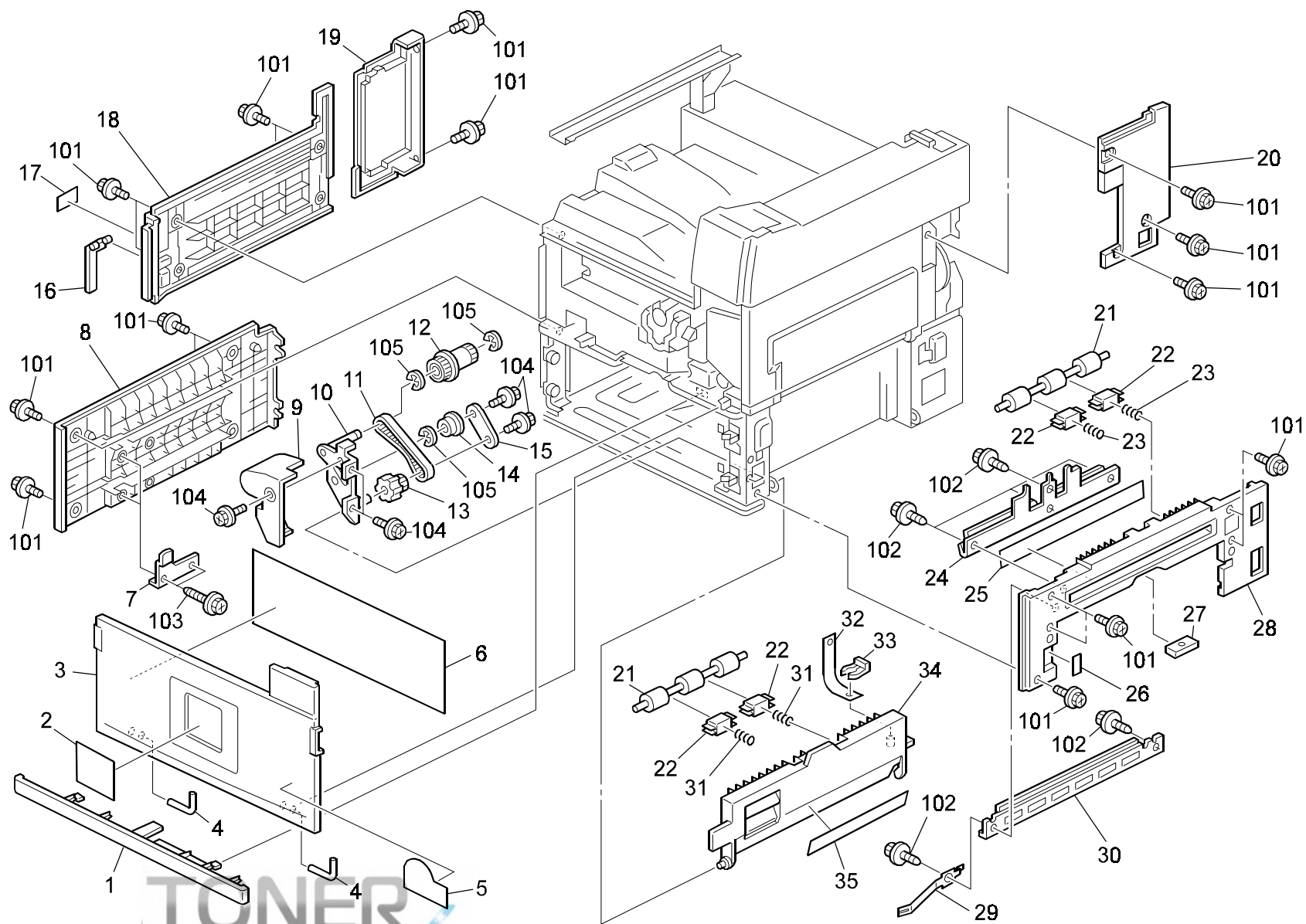
Index No.	Part No.	Description	Q'ty Per Assembly
17	B387 6053	Original Scale Decal - A4	1
17	B387 6054	Original Scale Decal - LT	1
101	0451 3008H	Tapping Screw - M3x8	
102	0451 3012H	Tapping Screw - 3x12	
103	0451 3010H	Tapping Screw - 3x10	
104	0804 6075	Hexagonal Bolt - M3x8	

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## 2.EXTERIOR 2 (B135/B138)

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## 2.EXTERIOR 2 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1264	Cover:Front Upper:Paper Feed Sub-UN	1
2	B135 6431	Decal EMBLEM (RIC)(B135)	1
2	B135 6433	Decal EMBLEM (GES NA)(B135)	1
2	B135 6434	Decal EMBLEM (GES EU)(B135)	1
2	B135 6435	Decal EMBLEM (NSA)(B135)	1
2	B135 6436	Decal EMBLEM (REX)(B135)	1
2	B135 6437	Decal EMBLEM (INF)(B135)	1
2	B135 6438	Decal EMBLEM (LAN)(B135)	1
2	B138 6431	Decal EMBLEM (RIC)(B138)	1
2	B138 6433	Decal EMBLEM (GES NA)(B138)	1
2	B138 6434	Decal EMBLEM (GES EU)(B138)	1
2	B138 6435	Decal EMBLEM (NSA)(B138)	1
2	B138 6436	Decal EMBLEM (REX)(B138)	1
2	B138 6437	Decal EMBLEM (INF)(B138)	1
2	B138 6438	Decal EMBLEM (LAN)(B138)	1
3	B077 1261	Cover:Front:Ass'y	1
3	B077 6316	Cover:Front:EU:Ass'y	1
4	G020 1332	Hinge - Front Cover	2
5	GA00 3035	Energy Decal	1
6	B082 6405	Sheet:Operation Instructions:RIC	1
7	B077 1286	Stopper:Left	1
8	B077 1285	Cover:Left:Paper Feed Sub-unit (NA)	1
8	B077 6324	Cover:Left:Eu	1
9	B077 2724	Cover:Knob	1
10	B077 2720	Bracket:Knob:Ass'y	1
11	AA04 3416	Timing Belt - 40S3M192	1
12	AB03 0584	Timing Pulley - 15T	1
13	A232 2722	Knob	1
14	AB03 0564	Pulley - M17	1
15	B077 2723	Supporting Plate:Knob	1
16	A232 1282	Cap - Switch	1
17	B082 6403	Decal:Power Source:Off:Exp	1
18	B077 6302	Cover:Left Front:NA	1
18	B077 6305	Cover:Left Front:EU	1
19	B077 1283	Cover:Left Rear (NA)	1

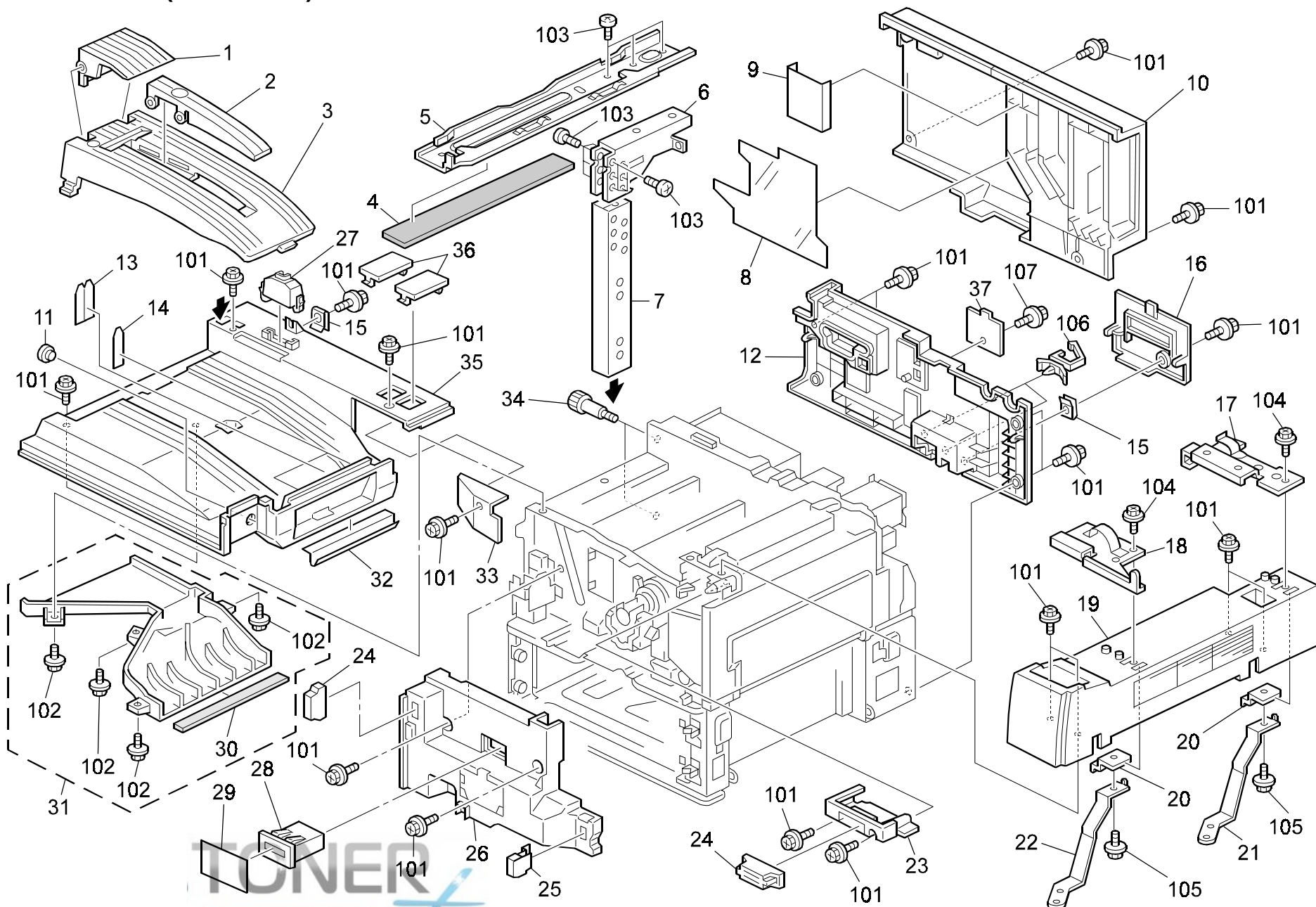
Index No.	Part No.	Description	Q'ty Per Assembly
19	B077 6325	Cover:Left Rear:EU	1
20	B082 1272	Cover:Right Rear:Duplex (NA)	1
20	B082 6319	Cover:Right Rear:Duplex:EU	1
21	A232 2862	Driven Roller	2
22	AA08 0275	Bushing:Pressure:Mm4	4
23	AA06 3662	Compression Spring	2
24	B077 2858	Supporting Plate:Upper	1
25	A232 2860	Entrance Seal	1
26	AA00 1392	Decal - A1	1
27	AG07 0019	Magnet Catch:Ass'y	1
28	B077 2857	Cover:Vertical Transport	1
28	B077 2861	Cover:Vertical Transport:Duplex:EU	1
29	A232 5838	Spring Plate - BICU	1
30	B077 2859	Supporting Plate:Lower	1
31	AA06 3564	Tension Spring	2
32	A232 2863	Stopper Band	1
33	5206 2686	Snap Ring	1
34	B077 2876	Cover:Vertical Transport:Lower	1
35	AA00 0204	Decal - Right Lower Cover	1
101	0451 3008H	Tapping Screw - M3x8	
102	0450 3008B	Tapping Screw - M3x8	
103	0450 3012B	Tapping Screw - 3x12	
104	0451 3006B	Tapping Screw - M3x6	
105	0720 0060E	Retaining Ring - M6	

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### 3.EXTERIOR 3 (B135/B138)

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### 3.EXTERIOR 3 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 4497	End Fence:Copy Tray:C3	1
2	B077 4436	Guide:Copy Tray:Auxiliary	1
3	B077 4435	Guide:Copy Tray	1
4	AA15 3070	Dehumidifier Sheet	1
5	B077 1382	Guide Plate:Scanner Unit	1
6	B077 1384	Supporting Plate:Arm:Scanner Unit	1
7	B077 1385	Arm:Scanner Unit	1
8	G065 1173	Sheet - Duct	1
9	G065 1174	Sheet - Duct - Upper	1
10	B077 1291	Cover:Rear (NA)	1
10	B077 6328	Cover:Rear:EU	1
11	A232 1257	Cap - Upper Cover	1
12	B082 1296	Cover:Rear:Paper Feed Sub-unit (NA)	1
12	B082 6332	Cover:Rear:EU	1
13	B004 4440	Middle Guide - Paper Exit	1
14	A232 4499	Copy Tray Mylar	2
15	A232 1284	Spring Holder	2
16	B077 1297	Cover:Rear:Paper Feed Sub-unit	1
16	B077 6330	Cover:Rear:Paper Feed Sub-unit:EU	1
17	B077 1373	Bracket:Scanner Unit:Rear	1
18	B077 1371	Bracket:Scanner Unit:Front	1
19	B082 1362	Spacer:Scanner Unit:Duplex (NA)	1
19	B082 6342	Spacer:Scanner Unit:Duplex:EU	1
20	B077 1363	Plate Nut:Spacer:Scanner Unit	2
21	B077 1364	Ground Plate:Spacer:Rear	1
22	B077 1365	Ground Plate:Spacer:Front	1
23	B082 1372	Inner Cover:Upper	1
24	AG07 1010	Magnet Catch	1
25	B004 1325	Cover - Shield Glass	1
26	A284 1376	Inner Cover-left	1
27	B077 1251	Cover:Connector:Scanner	1
28	AX31 0039	Total Counter	1
29	A232 1381	Decal - Total Counter	1
30	AA15 3390	Sponge - 202x3.5x4	1
31	A232 1251	Duct Cover - Lower Exhaust Ass'y	1

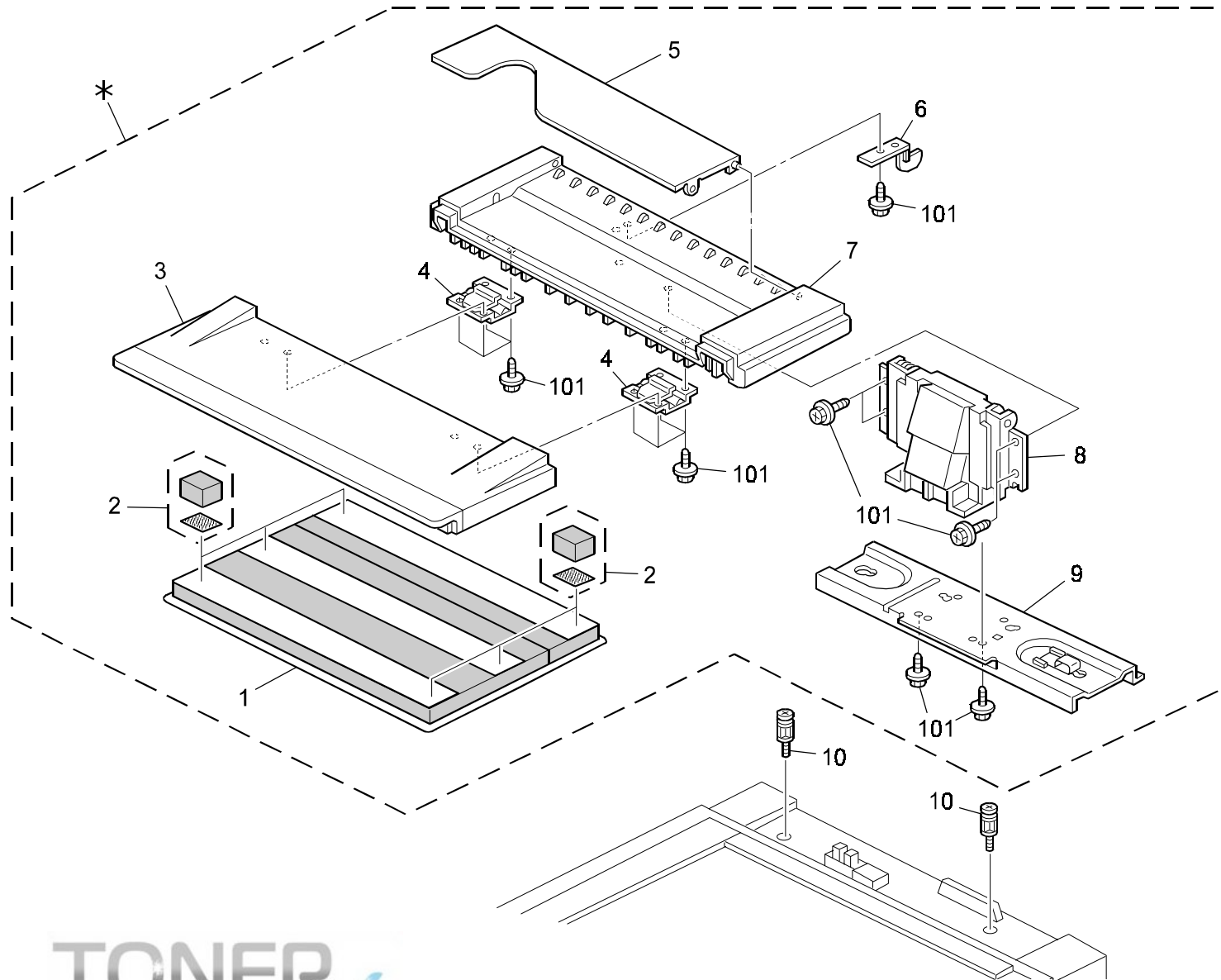
Index No.	Part No.	Description	Q'ty Per Assembly
32	AA15 0685	Seal - 215x10	1
33	B077 1252	Cover:Upper Right:Small (NA)	1
33	B077 6312	Cover:Upper Right:Small:EU	1
34	AA14 3501	Stepped Screw - M8	2
35	B077 1250	Cover:Upper (NA)	1
35	B077 6314	Cover:Upper:EU	1
36	B077 1253	Cap:34x55	2
37	B077 6308	Cover:Css:Exp	1
101	0451 3008H	Tapping Screw - M3x8	
102	0450 3006B	Tapping Screw - M3x6	
103	0354 0080B	Screw - M4X8	
104	0451 4010B	Tapping Screw - 4x10	
105	0451 3006B	Tapping Screw - M3x6	
106	1105 0487	Harness Clamp	
107	0450 3008H	Tapping Screw - M3x8	

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## 4.PLATEN COVER (B135/B138)

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**4.PLATEN COVER (B135/B138)**

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Index No.	Part No.	Description	Q'ty Per Assembly
*	G329 1232	Pressure Plate:Ass'y	1
1	G329 1320	Platen Cover Sheet	2
2	G329 1330	Cushion - Platen Cover	1
3	B406 1387	Front Platen Cover	2
4	A053 1957	Flex Hinge - Platen Cover	1
5	B406 1397	Original Holder	1
6	G329 1383	Feeler - Platen Cover Sensor	1
7	B406 1392	Rear Platen Cover	1
8	A193 1248	Platen Cover Hinge Assembly	1
9	G329 1384	Bracket - Platen Cover	1
10	5215 1667	Platen Cover Stud	2

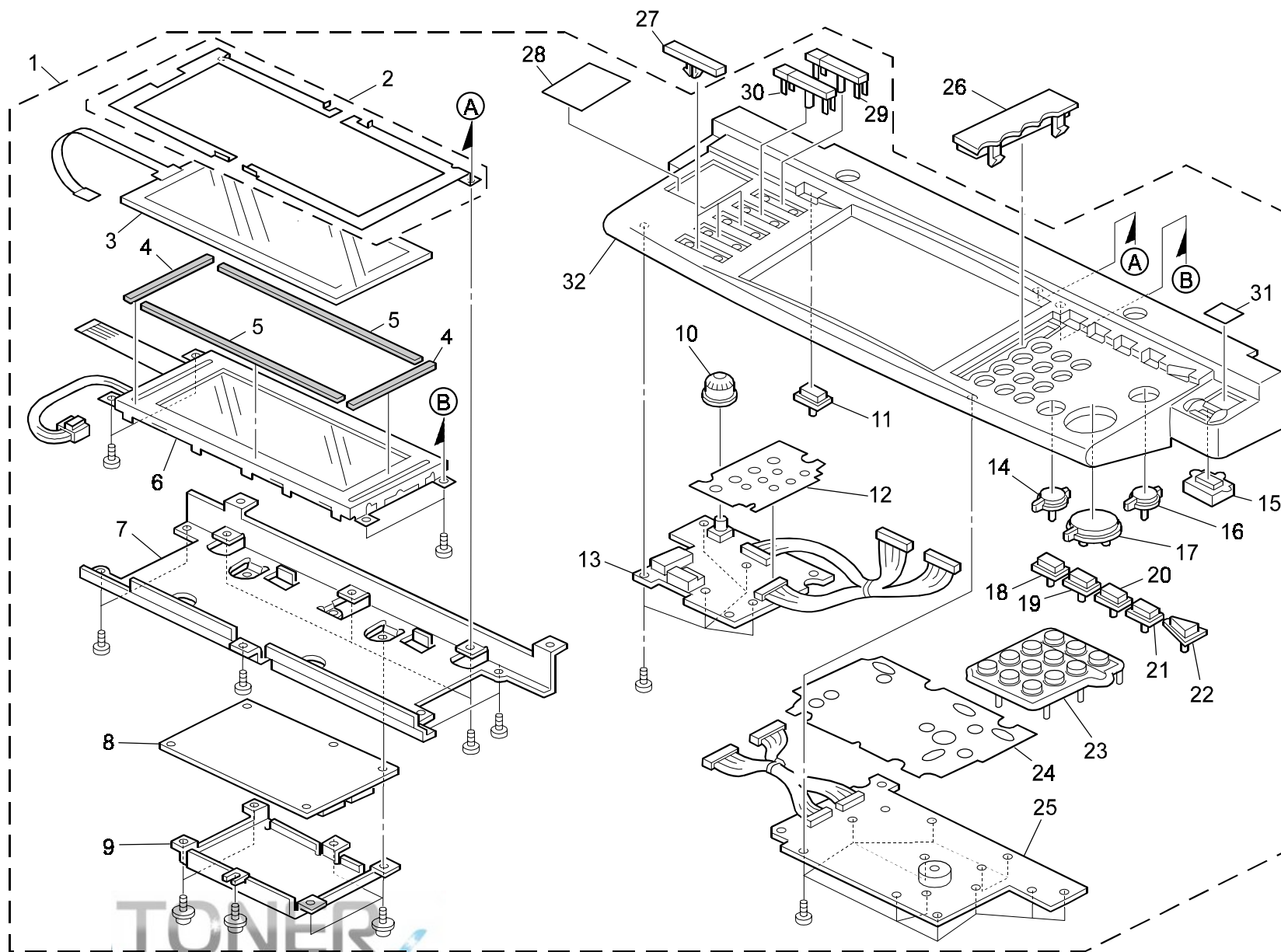
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Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4012B	Tapping Screw - M4x12	

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## 5. OPERATION PANEL ASS'Y (B135/B138) CÓPIA NÃO CONTROLADA



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# 5.OPERATION PANEL ASS'Y (B135/B138) CÓPIA NÃO CONTROLADA

Rev. 12/22/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	B138 6351	Operation Sub-unit:NA:Ass'y	1
1	B138 6361	Operation Sub-unit:EU:Ass'y	1
1	B138 6371	Operation Sub-unit:TW:Ass'y	1
1	B138 6376	Operation Sub-unit:CHN:Ass'y	1
1	B138 6386	Operation Sub-unit:KOR:Ass'y	1
1	B138 6388	Operation Sub-unit:AA:Ass'y	1
2	B004 1517	Earth Sheet - Touch Panel	1
3	B082 5219	Touch Panel:HVGA	1
4	B004 1525	Cushion:Touch Panel:Short	2
5	B004 1526	Cushion:Touch Panel:Long	2
6	B082 5218	LCD:H-VGA:HLM7701:BI	1
7	B077 1520	Bracket:LCDC	1
8	B138 5203	PCB:LCDC:NA:Ass'y	1
8	B138 5204	PCB:LCDC:EU:Ass'y	1
8	B138 5205	PCB:LCDC:TW:Ass'y	1
8	B138 5206	PCB:LCDC:CHN:Ass'y	1
8	B138 5207	PCB:LCDC:KOR:Ass'y	1
9	B077 1521	Cover:LCDC	1
10	B077 1513	Dial:Contrast	1
11	B077 1511	Keytop:Counter	1
12	B004 1516	Sheet-Prevent Fence Sheet-Left	1
13	B004 1519	Operation Panel Board - Left	1
14	B004 1503	Keytop - Clear/Stop	1
15	B077 1506	Keytop:Power Source	1
16	B077 1504	Keytop:Try Print	1
17	B004 1505	Keytop - Start	1
18	B077 1510	Keytop:Confirm	1
19	B077 1509	Keytop:Block Diagram	1
20	B077 6358	Keytop:Clear Modes	1
21	B077 1508	Keytop:Preheat	1
22	B077 1512	Keytop:Interrupt	1
23	B077 6355	Keytop:10key:NA	1
23	B077 1502	Keytop:10key (EU/TWN)	1
23	B077 6355	Keytop:10key:AA	1
24	B004 1515	Sheet - Prevent Fence Sheet - Right	1

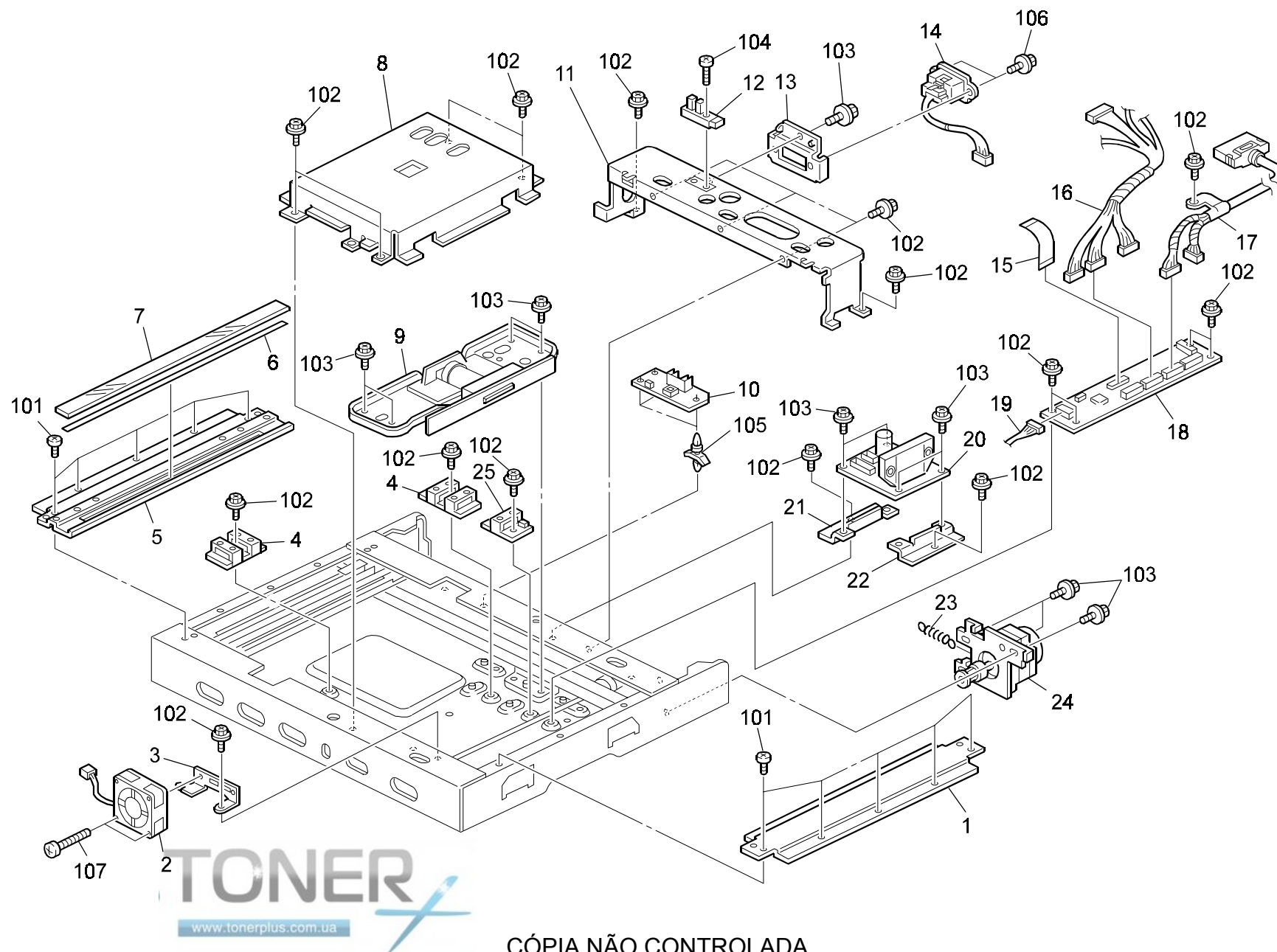
Index No.	Part No.	Description	Q'ty Per Assembly
25	B004 1518	Operation Panel Board - Right	1
26	B077 1535	Cover:Basic	1
27	B077 1534	Cover:Application	1
28	B077 6354	Sheet:Caption:NA	1
28	B077 6372	Sheet:Caption:TW	1
28	B077 6377	Sheet:Caption:CHN	1
29	B077 6356	Keytop:Copy:1:NA	1
29	B077 6366	Keytop:Copy:1:EU	1
30	B077 6357	Keytop:Copy:2:NA	1
30	B077 6367	Keytop:Copy:2:EU	1
31	B077 6352	Sheet:Power Source:NA	1
31	B077 6362	Sheet:Power Source:EU	1
32	B077 6353	Case:Operation Sub-unit:NA	1
32	B077 6363	Case:Operation Sub-unit:EU	1

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## 6.OPTICS UNIT 1 (B135/B138)

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## 6.OPTICS UNIT 1 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1678	Stay:Right	1
2	AX64 0128	Fan Motor - DC 24V 1.44W	1
3	B077 1742	Bracket:Fan	1
4	AW01 0056	Original Sensor - H=2-66	2
5	B082 1676	Bracket:Scale:Left	1
6	B351 6523	Seal - ADF Exposure Glass	1
7	B351 6522	ADF Exposure Glass	1
8	B077 1681	Inner Cover:Ass'y	1
9	B082 1831	Holder:Lens:Ass'y	1
10	AZ50 0062	Stabilizer:Xenon Lamp	1
11	B077 1739	Bracket:Hinge	1
12	AW02 0100	Photointerrupter - P1CH2MM	1
13	B077 1849	Bracket:Connector:ARDF	1
14	B082 5541	Harness:Scanner:ADF	1
15	B004 5542	Harness - Sbu-50wick 80mm	1
16	B082 5543	Harness:SIB	1
17	B004 1841	Scanner Interface Cable	1
18	B082 5387	PCB:SIB	1
19	B082 5538	Harness:OPU	1
20	B004 5397	Motor Drive Board	1
21	B077 1846	Bracket:MDB:Left	1
22	B077 1847	Bracket:MDB:Right	1
23	AA06 0702	Tension Spring	1
24	B077 1751	Stepper Motor:Scanner:Ass'y	1
25	AW01 0059	Original Sensor - H=1-66	1

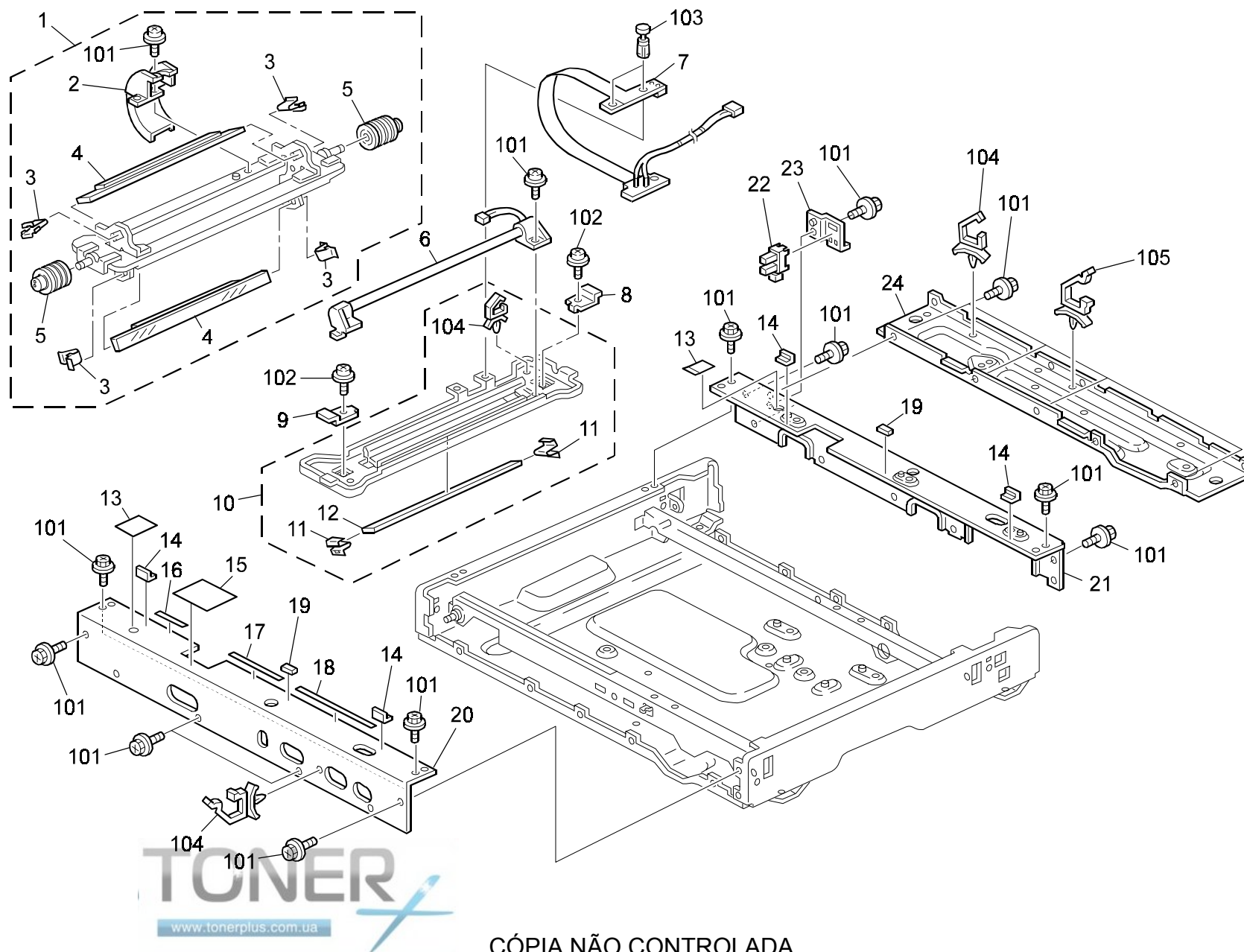


Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0060B	Philips Pan Head Screw - M3x6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0451 3006B	Tapping Screw - M3x6	
104	0314 0120B	Philips Pan Head Screw - M4x12	
105	1105 0162	Locking Support	
106	0451 3008H	Tapping Screw - M3x8	
107	0314 0180B	Philips Pan Head Screw - M4x18	

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## 7.OPTICS UNIT 2 (B135/B138)

CÓPIA NÃO CONTROLADA



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## 7.OPTICS UNIT 2 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1801	Carriage:No.2:Ass'y	1
2	A232 1808	Harness Guide	1
3	G404 2810	Spring Plate - 2nd Mirror	4
4	B004 1820	2nd Mirror Ass'y	2
5	B004 1809	Carriage Pulley - 22mm	2
6	AX50 0083	Xenon Lamp:Mm8.5	1
7	B082 1842	Flexible Board:Ass'y	1
8	B077 1792	Clamp:Wire:Rear	1
9	B077 1791	Clamp:Wire:Front	1
10	B077 1781	Carriage:No.1:Ass'y	1
11	A232 1789	1st Mirror Holder	2
12	AC03 0110	Scanner Mirror	1
13	AA15 0721	Shield:Side Plate:Left	2
14	A284 1674	Exposure Glass Holder	4
15	AA15 0722	Shield:Side Plate:Front Rear:Left Middle	1
16	AA15 0723	Sheet:Left	1
17	AA15 0724	Sheet:Left Middle	1
18	AA15 0725	Sheet:Right	1
19	AA16 1133	Cushion - 4x15x1	2
20	B082 1736	Side Plate:Front	1
21	B082 1738	Side Plate:Rear	1
22	AW02 0120	Photointerruptor - Flat	1
23	B077 1844	Bracket:Home Position Sensor	1
24	B077 1728	Base:Scanner:Rear	1

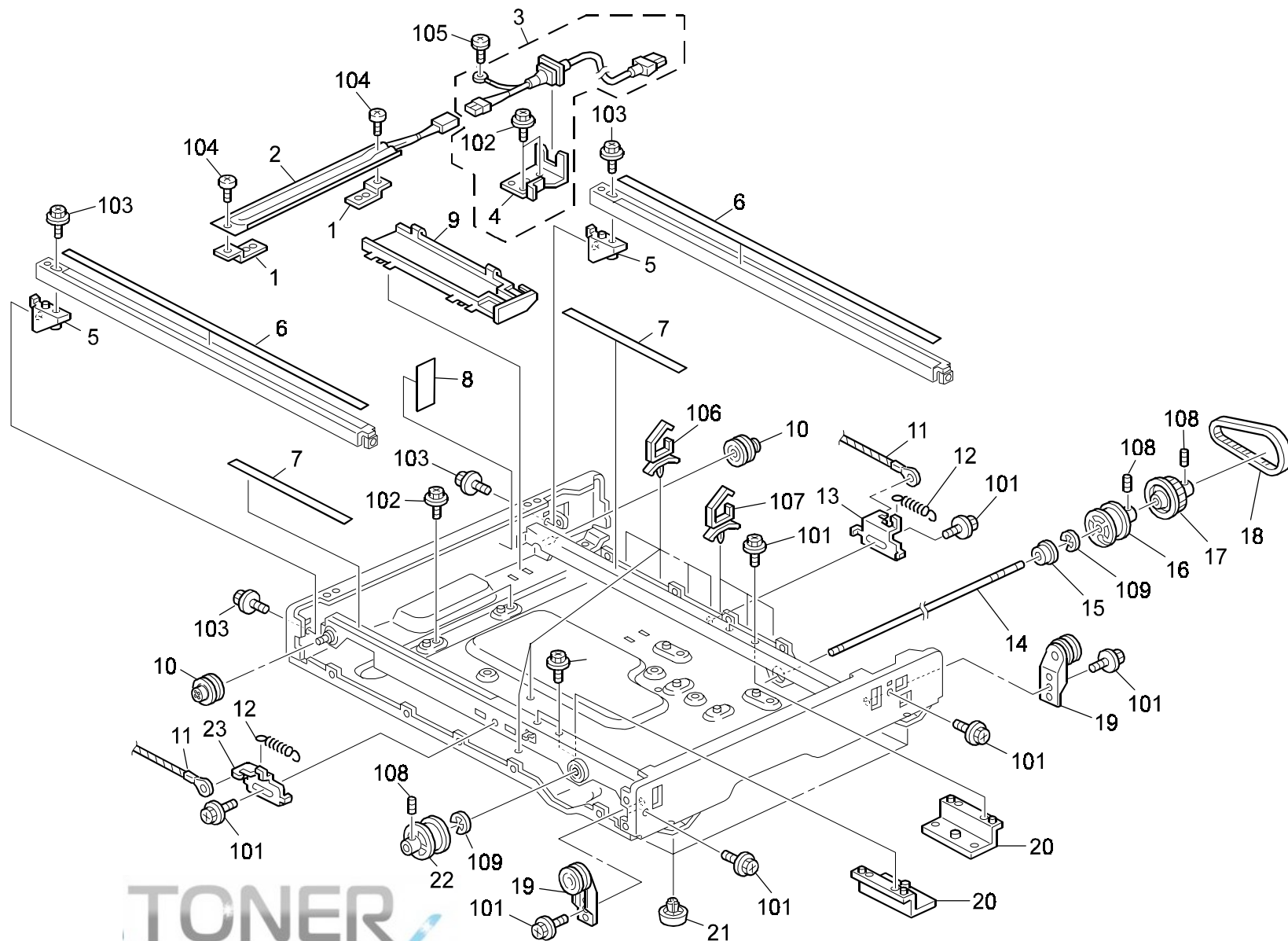


Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0951 3006B	Philips Screw With Flat Washer-M3x6	
103	1005 0728	Rivet - NRP335	
104	1105 0516	Clamp	
105	1105 0508	Harness Clamp - LWS-0711	

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## 8.OPTICS UNIT 3 (B135/B138)

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## 8.OPTICS UNIT 3 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B004 1728	Bracket - Heater	2
2	AX40 0140	Heater - 120V 15W	1
2	AX40 0142	Heater - 240V 15W	1
3	B004 1741	Bracket:Power Supply Cord:Heater:Exp:Ass'y	1
4	B004 1742	Bracket:Power Supply Cord	1
5	A232 1728	Rail Supporter	2
6	A232 1731	Scanner Rail	2
7	A232 1707	Second Slide Rail	2
8	AA15 0711	Shield -base	1
9	B004 1726	Rail - Flexible Board	1
10	B004 1713	Pulley 2 - 22MM	2
11	AA05 0106	Carriage Drive Wire	2
12	AA06 0703	Tension Spring	2
13	B077 1722	Bracket:Tension:Wire:Rear	1
14	A232 1771	Drive Shaft	1
15	A232 3566	Ball Bearing - 8x16x5	1
16	AB03 2062	Rear Scanner Pulley	1
17	AB03 0572	Timing Pulley - Z61	1
18	AA04 3439	Timing Belt - S2M-224	1
19	B004 1714	Idler Bracket	2
20	A232 1713	Lens Block Supporter	2
21	AH01 0009	Rubber Pad - H5	4
22	AB03 2061	Front Scanner Pulley	1
23	B077 1712	Bracket:Tension:Wire:Front	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0450 3008B	Tapping Screw - M3x8	
104	0314 0060B	Philips Pan Head Screw - M4x6	
105	0801 0149	Philips Pan Head Screw - M4x6	
106	1105 0487	Harness Clamp	
107	1105 0292	Wire Saddle	
108	0575 0050E	Hexagon Headless Set Screw - M5x5	
109	0720 0060E	Retaining Ring - M6	

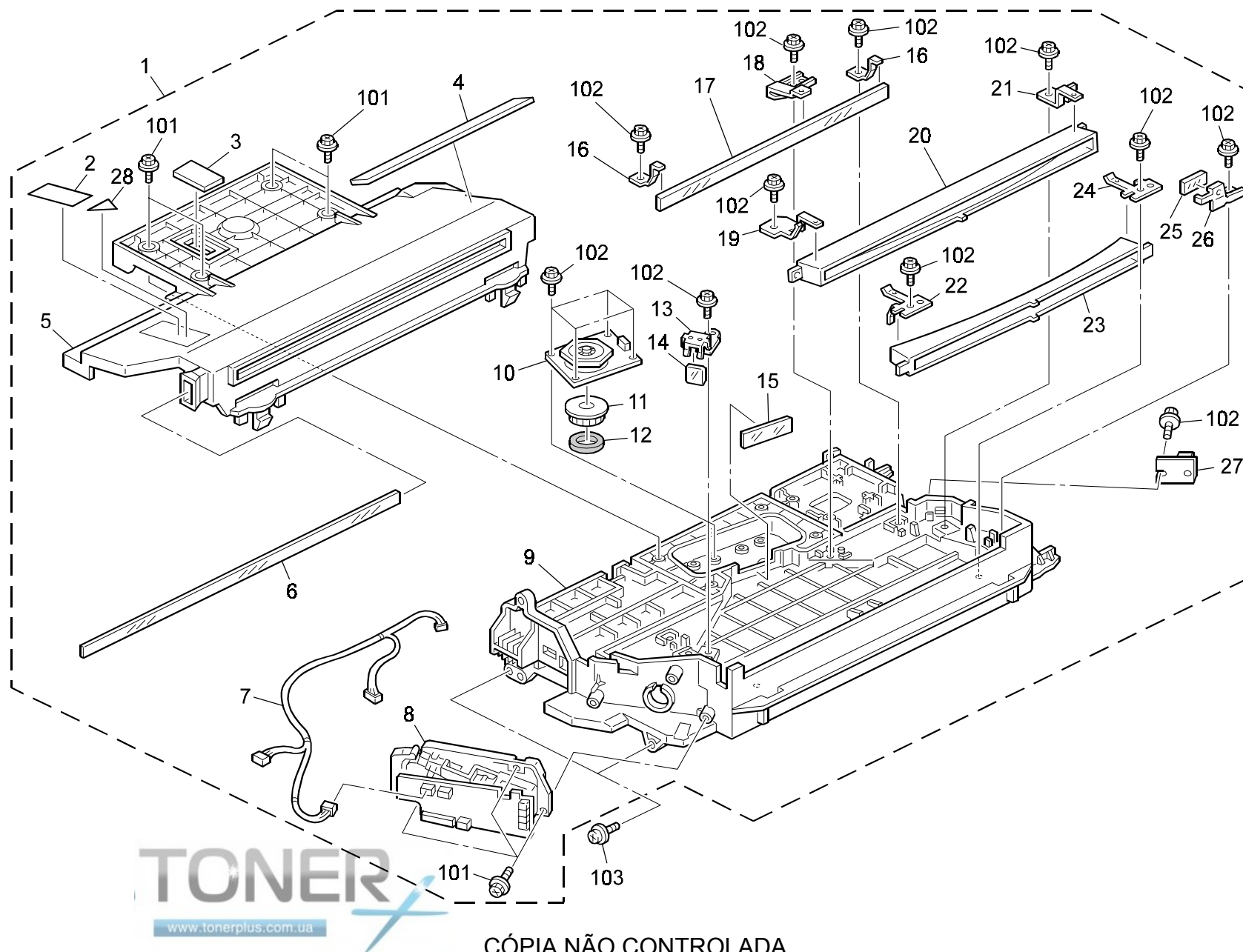


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## 9.LASER UNIT (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA



## 9.LASER UNIT (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 1871	Imaging Unit:Na:Ass'y	1
1	B082 1870	Imaging Unit:Ass'y (EU)	1
2	G029 1980	Decal - LD	1
3	B077 1904	Cap:Cover:Optical Housing	1
4	B077 1907	Supporting Plate:Cover:Imaging Unit	1
5	A284 1904	Cover - Optical Housing	1
6	AC01 5025	Shield Glass	1
7	B082 5445	Harness:Imaging Unit	1
8	B082 1891	Laser Diode Unit:Ass'y	1
9	A232 1900	Housing - Laser Unit	1
10	AX06 0245	Polygon Scanner:27300rpm:M	1
11	B002 1898	Heat Sink:Polygon Scanner:M:Ass'y	1
12	A232 1920	Seal - Heat Sink	1
13	A232 1927	Cylindrical Lens Holder	1
14	G020 1966	Cylindrical Lens	1
15	AC01 5024	Shield Glass - Polygon Motor	1
16	A232 1926	Mirror Holder	2
17	AC03 0115	Mirror	1
18	A232 1925	Middle Mirror Holder	1
19	A232 1923	Front Holder - BTL	1
20	G020 1969	BTL Lens	1
21	A232 1924	Rear Holder - BTL	1
22	A232 1921	Front Holder - F Theta Mirror	1
23	G020 1968	F Theta Mirror	1
24	A232 1922	Rear Holder - F Theta Mirror	1
25	GC03 0020	Sync. Detector Mirror	1
26	A232 1928	Holder - Sync. Detector Mirror	1
27	A293 5310	Sync Detector Board	1
28	G020 1917	Decal - LD	1

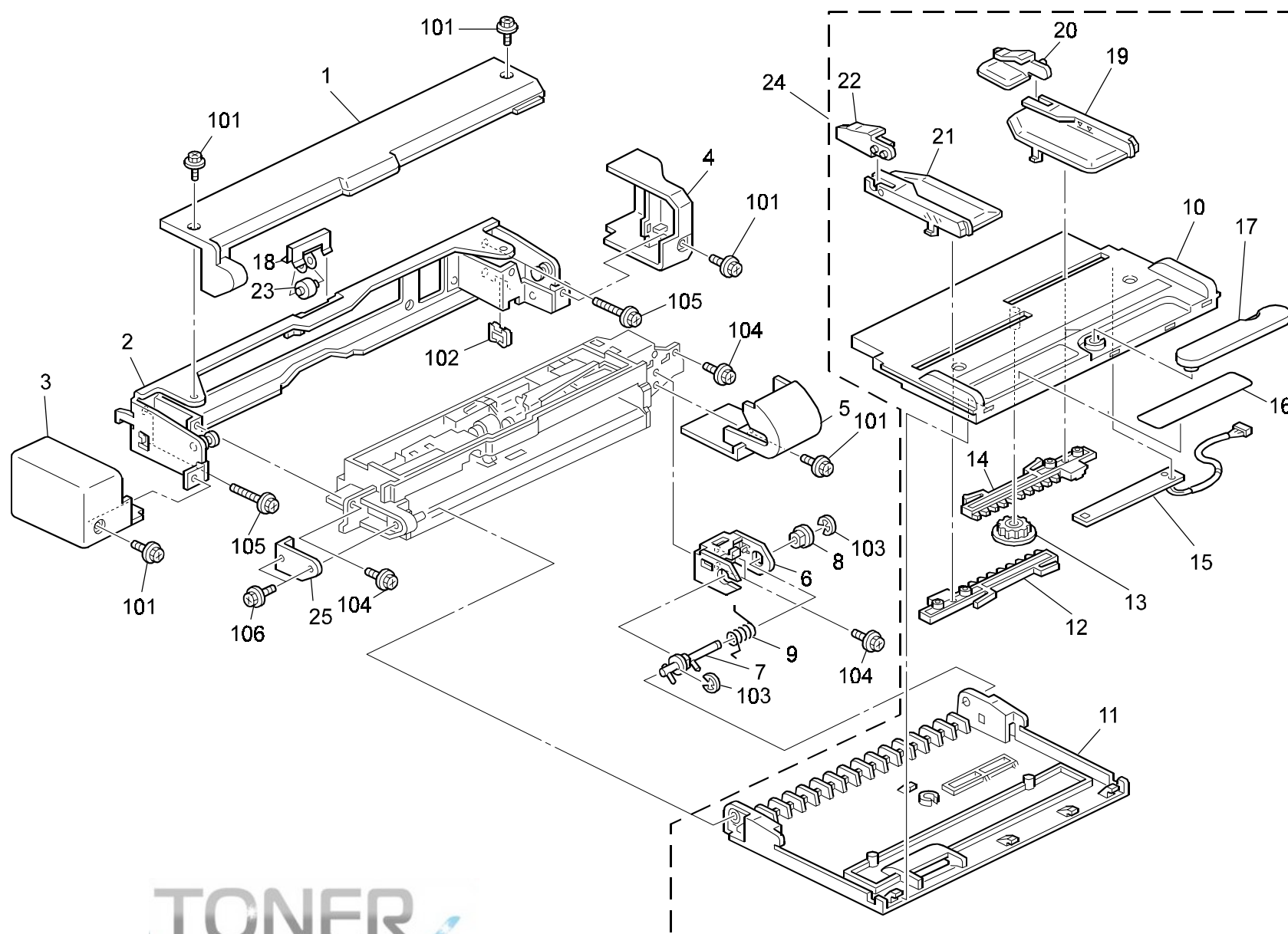


Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3010B	Tapping Screw - M3x10	
102	0450 3008B	Tapping Screw - M3x8	
103	0951 3008B	Philips Screw With Flat Washer-M3x8	

CÓPIA NÃO CONTROLADA

# 10.BY-PASS FEED UNIT 1 (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

# 10.BY-PASS FEED UNIT 1 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 6106	Cover:Holder:Middle	1
2	B082 6095	Frame:Holder:Ass'y	1
3	B077 6109	Cover:Manual Feed:Front	1
4	B077 6108	Cover:Manual Feed:Inner Back	1
5	B077 6107	Cover:Contact Point	1
6	B077 6090	Bracket:Support Stay	1
7	A232 6091	Positioning Pin	1
8	AA08 2070	Bushing - 8x16x7	1
9	AA06 6574	Torsion Spring	1
10	B077 6067	Manual Feed Table	1
11	B077 6068	Cover:Manual Feed Table	1
12	A232 6082	Front Rack	1
13	G011 3305	Gear - 16T	1
14	A232 6083	Rear Rack	1
15	A232 6080	Paper Size Detector	1
16	B082 6073	Decal:Manual Feed Direction	1
17	G060 2905	Paper Guide - Manual Feed Table	1
18	A232 6092	Roller - Holder	1
19	B077 6070	Side Fence:Inner Back	1
20	B077 6072	Side Fence:Auxiliary:Rear	1
21	B077 6069	Side Fence:Front	1
22	B077 6071	Side Fence:Auxiliary:Front	1
23	AF04 0559	Driven Roller - M9	1
24	B082 6009	By-pass Feed Table Ass'y	1
25	B004 6024	Supporting Plate:Contact Point	1

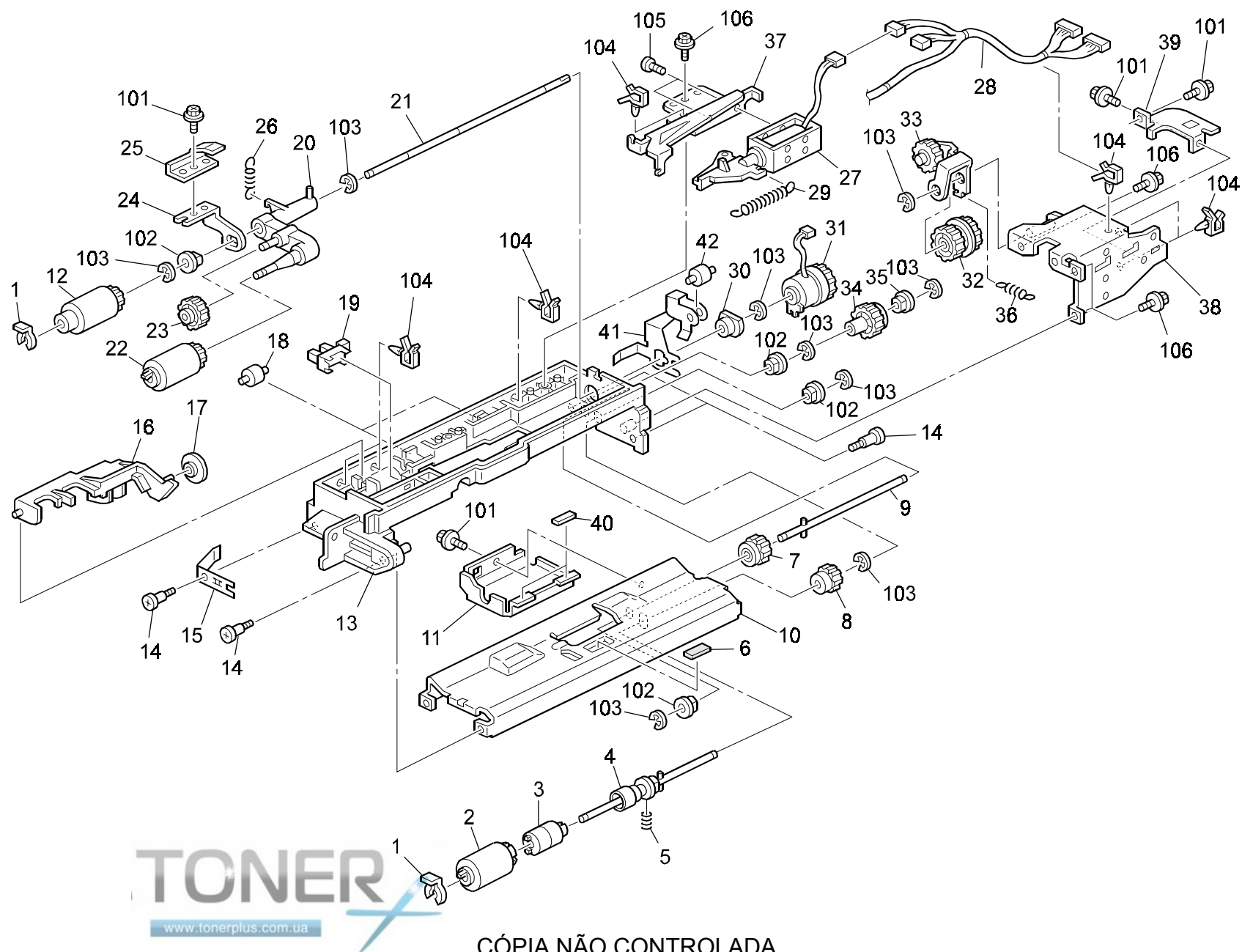


Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008H	Tapping Screw - M3x8	
102	1105 0349	Edge Saddle	
103	0720 0060E	Retaining Ring - M6	
104	0451 3008B	Tapping Screw - M3x8	
105	0451 4010B	Tapping Screw - 4x10	
106	0450 3010B	Tapping Screw - M3x10	

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# 11.BY-PASS FEED UNIT 2 (B135/B138)

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# 11.BY-PASS FEED UNIT 2 (B135/B138)

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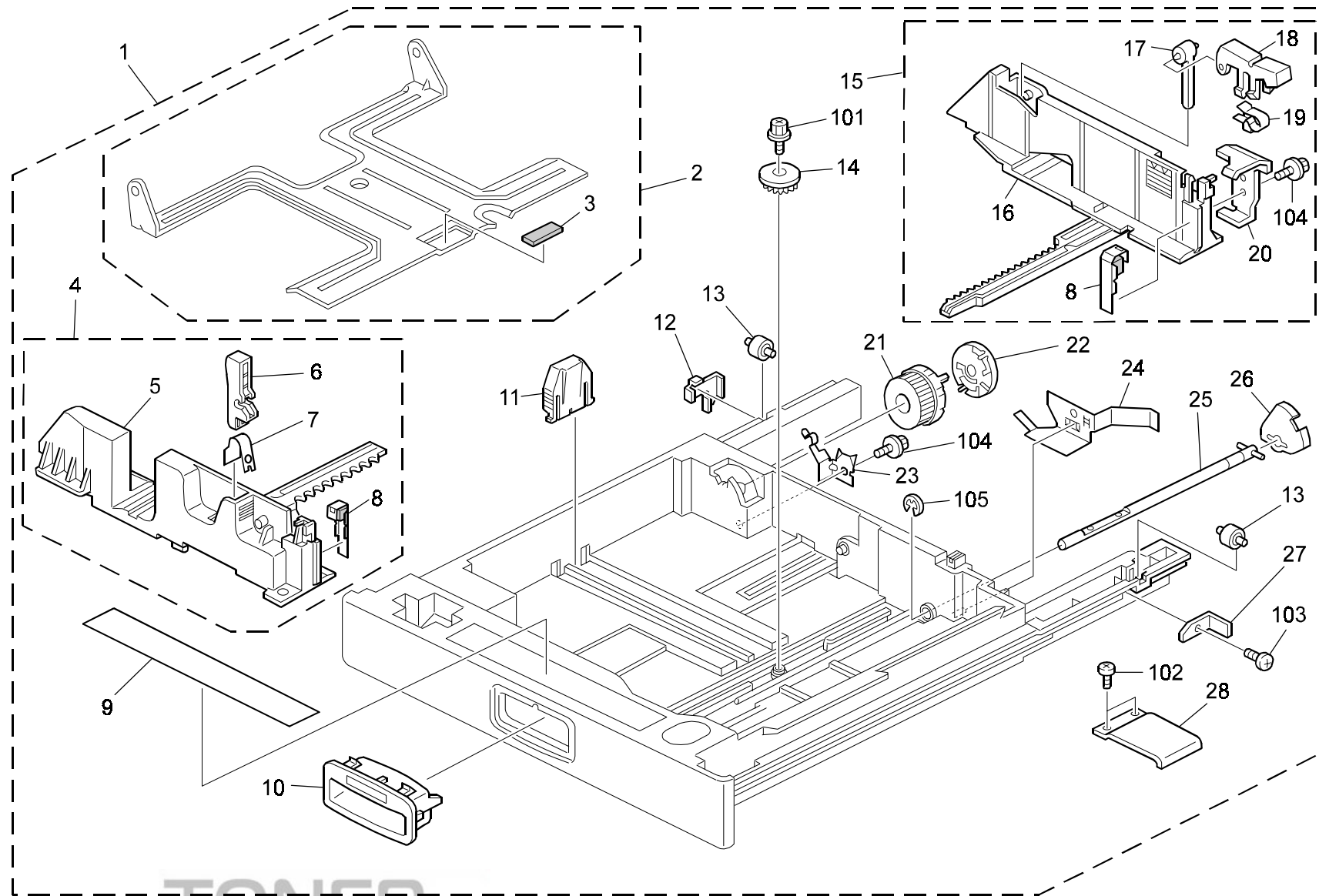
Index No.	Part No.	Description	Q'ty Per Assembly
1	5447 2681	Snap Ring	2
2	AF03 2046	Separation Roller - Manual Feed	1
3	B004 2783	Torque Limiter	1
4	B082 6033	Shaft:Separator:Driven:Ass'y	1
5	AA06 3499	Pressure Spring	1
6	AF01 3016	Bottom Plate Pad	1
7	AB01 1389	Gear - 20Z	1
8	AB01 1388	Gear - Z16	1
9	A232 6035	Shaft - Drive Roller	1
10	B082 6028	Guide Plate:Separator:Ass'y	1
11	B077 6039	Cover:Gear	1
12	AF03 1046	Feed Roller - Manual Feed	1
13	B077 6022	Housing:Manual Feed	1
14	5216 4198	Stepped Screw - Guide Plate	4
15	A232 6023	Grounding Plate - Reverse	1
16	A232 6055	Paper End Feeler	1
17	A134 2661	Feeler Roller	1
18	AF04 0031	Driven Roller	2
19	AW02 0120	Photointerruptor - Flat	1
20	A232 6043	Arm Paper Pick Up	1
21	AA14 0753	Feed Shaft	1
22	AF03 0049	Pick-up Roller	1
23	AB01 1387	Gear - 23Z	1
24	B077 6044	Guide Plate:Feed	1
25	A232 6046	Grounding Plate - Feed	1
26	AA06 3568	Pressure Spring	1
27	A232 6051	Pickup Solenoid	1
28	B082 5427	Harness:Manual Feed Unit	1
29	AA06 3567	Tension Spring	1
30	AA08 3018	Roller Clutch - 6x14x10	1
31	AX20 0140	Electrical Clutch	1
32	AB01 7454	Gear - 24Z/30Z	1
33	B082 6059	Arm:Tightener:Ass'y	1
34	AB01 1390	Gear - 27Z	1
35	GA08 0002	Bushing - 6mm	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AA06 3569	Spring	1
37	A232 6049	Solenoid Bracket	1
38	B082 6061	Bracket:Drive:Ass'y	1
39	B077 6065	Rail:Holder	1
40	A134 2843	Spacer 6x30x1.5	2
41	B004 6062	Pressure Plate - By-pass Feed	1
42	AF04 0575	Driven Roller	1
101	0451 3008B	Tapping Screw - M3x8	
102	0805 3480	Bushing - 6mm	
103	0720 0040E	Retaining Ring - M4	
104	1105 0267	Harness Clamp - YMC-10-0	
105	0353 0040B	Screw - M3X4	
106	0450 3008B	Tapping Screw - M3x8	

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## 12.PAPER TRAY UNIT (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 2903	Paper Tray:Universal:Ass'y	1
2	B077 2940	Tray Bottom Plate:Ass'y	1
3	AF01 3006	Bottom Plate Pad	1
4	B082 2920	Side Fence:Front:Ass'y	1
5	B077 2921	Side Fence:Front	1
6	B004 2922	Release Lever - Side Fence	1
7	B004 2923	Spring Plate - Release Lever	1
8	B082 2925	Shield:Side Fence:Ass'y	2
9	B082 2965	Decal:Paper Set Direction	1
10	B077 2988	Cover:Grip:C3	1
11	AF01 7026	End Fence	1
12	B077 2952	Shoe:Left	1
13	A232 2987	Roller - Paper Tray	2
14	B004 2936	Gear - 16Z	1
15	B082 2930	Side Fence:Rear:Ass'y	1
16	B077 2931	Side Fence:Rear	1
17	B004 2933	Rear Stopper	1
18	B004 2932	Rear Stopper Lever	1
19	B004 2934	Spring Plate - Lock Lever	1
20	B082 2937	Paper Stopper:Side Fence	1
21	B082 2955	Dial:Paper Size Sensor:Printing	1
22	B004 2948	Paper Size Sensor	1
23	B004 2947	Spring Plate-paper Size Sensor	1
24	B004 2943	Grounding Plate - Paper Tray	1
25	B004 2915	Bottom Lift Shaft	1
26	A235 2979	Feeler - Paper Height Sensor	1
27	B077 2951	Stopper:Right:Paper Tray	1
28	B077 2975	Lever:Rise	1

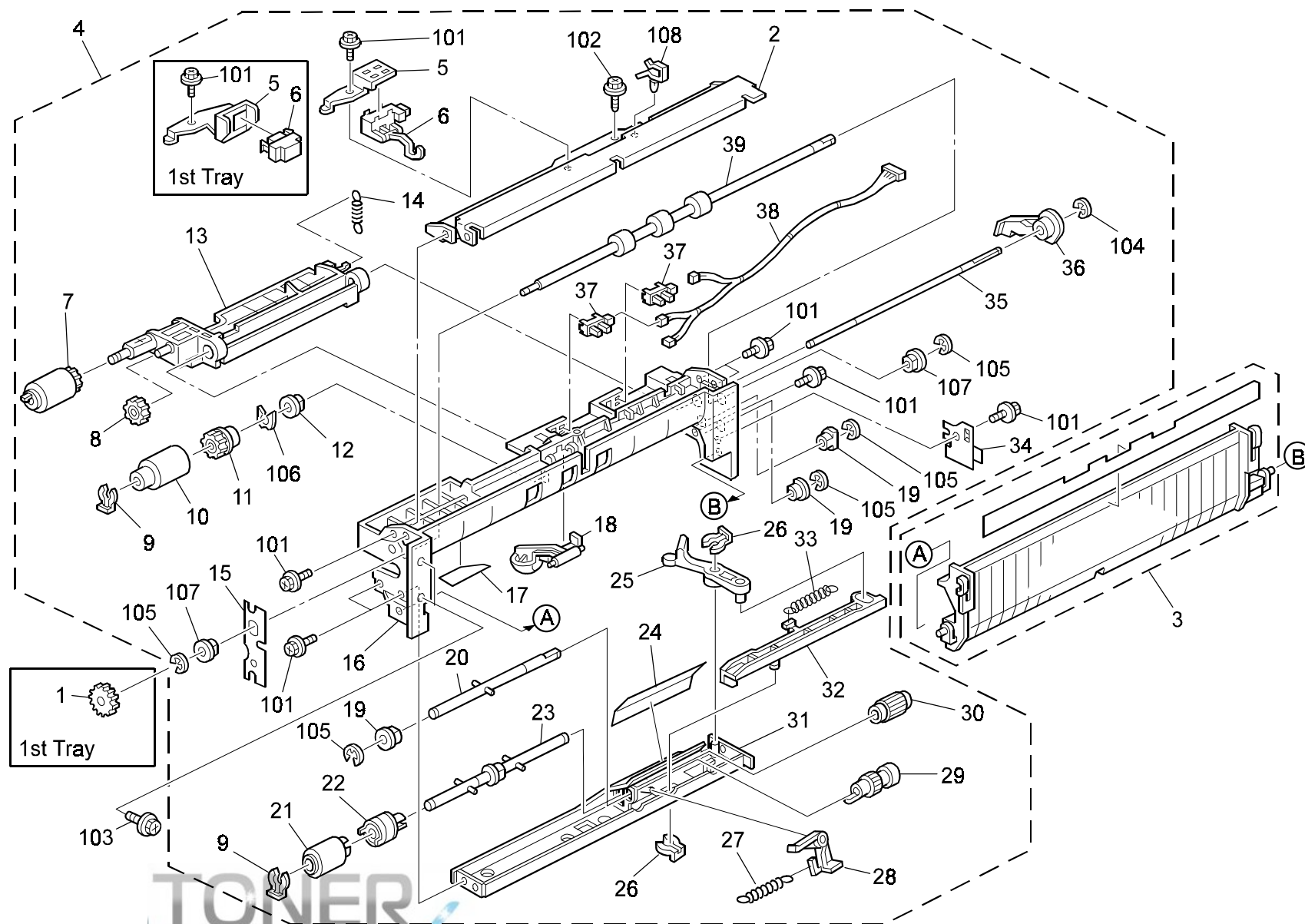


Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008B	Philips Tapping Screw - M4x8	
102	0353 0060B	Philips Pan Head Screw - M3x6	
103	0452 3008B	Tapping Screw - M3x8	
104	0450 3008B	Tapping Screw - M3x8	
105	0720 0060E	Retaining Ring - M6	

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# 13.PAPER FEED SECTION (B135/B138)

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### 13.PAPER FEED SECTION (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	AB01 4090	Gear - 18Z	1
2	B077 2780	Stay:Feed	1
3	A232 2785	Vertical Guide	1
4	B082 2750	Paper Feed Unit:Ass'y	1
5	B077 2781	Bracket:Sensor	1
5	B082 2781	Bracket:Sensor (1st Tray)	1
6	AW01 0084	Photo Reflection Sensor:Paper Feed (1st Tray)	1
6	AW02 0096	Photointerruptor	1
7	AF03 0049	Pick-up Roller	1
8	AB01 1188	Gear - 21Z	1
9	5447 2681	Snap Ring	2
10	AF03 1049	Feed Roller	1
11	AB01 1189	Gear - 18Z	1
12	AA08 2070	Bushing - 8x16x7	1
13	A232 2763	Pick-up Arm	1
14	AA06 0691	Tension Spring	1
15	A232 2765	Front Grounding Plate	1
16	B082 2760	Housing:Paper Feed Unit	1
17	A232 2766	Feed Mylar	1
18	A232 2762	Paper End Feeler	1
19	AA08 2072	Bushing - M6	3
20	B082 2784	Shaft:Separate:Drive:Ass'y	1
21	AF03 2049	Separation Roller	1
22	B004 2783	Torque Limiter	1
23	B004 2777	Shaft - Paper Separation	1
24	B004 2782	Rear Feed Mylar	1
25	G065 2776	Release Lever	1
26	5206 2686	Snap Ring	2
27	AA06 0693	Tension Spring	1
28	G065 2774	Pressure Lever	1
29	AB01 0157	Gear:Separate:Driven	1
30	AB01 0156	Gear:Separate:Drive	1
31	B077 2770	Stay:Separate:Ass'y	1
32	G065 2775	Link Lever	1

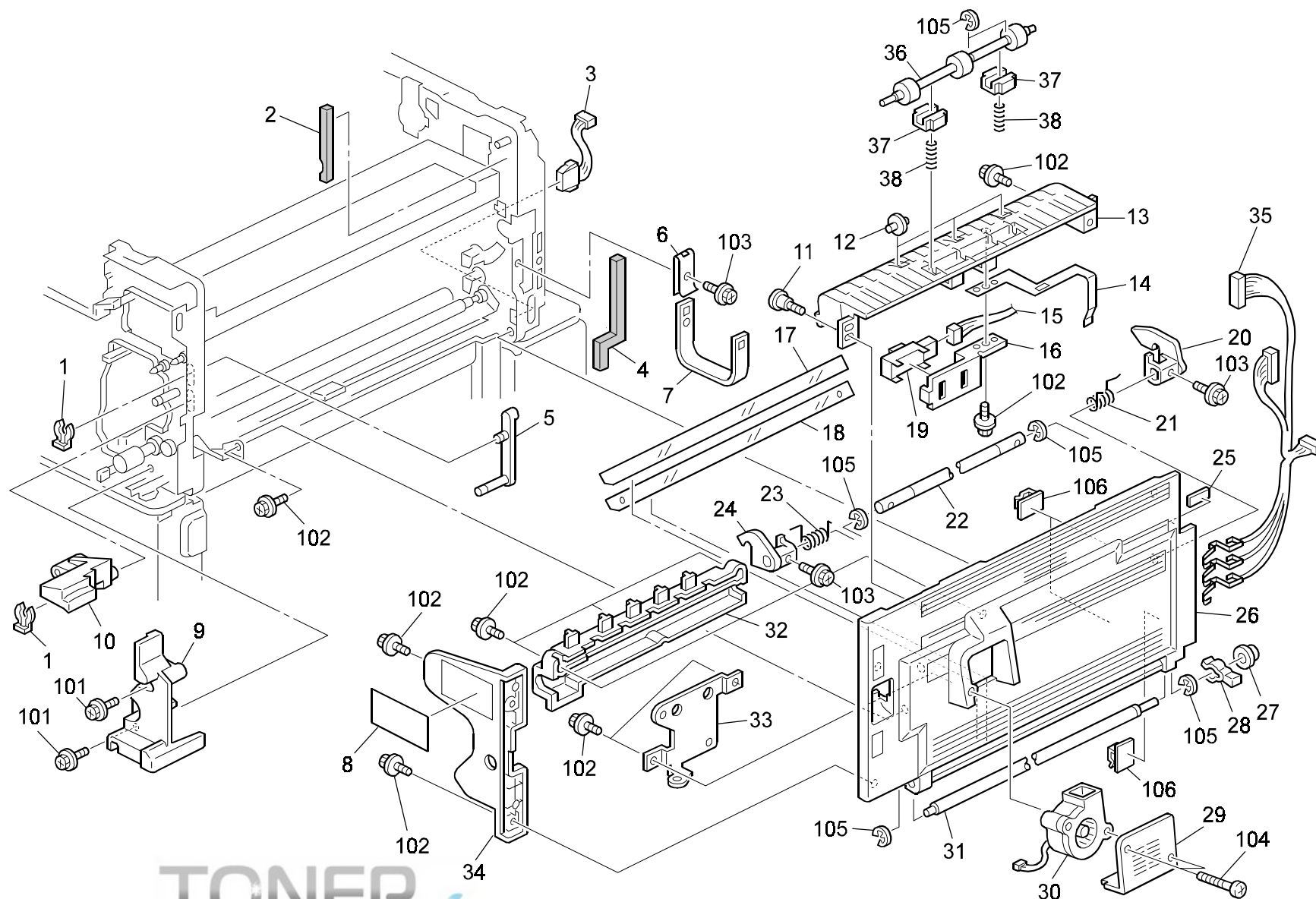
Index No.	Part No.	Description	Q'ty Per Assembly
33	AA06 0908	Release Spring	1
34	A232 2764	Rear Grounding Plate	1
35	AA14 0655	Shaft - Paper Feed	1
36	G065 2767	Lever - Feed	1
37	AW02 0120	Photointerruptor - Flat	2
38	B082 5428	Harness:Paper Feed Unit	1
38	B082 5430	Harness:Paper Feed Unit:No.1	1
39	AF02 0404	Transport Roller	1
101	0451 3008B	Tapping Screw - M3x8	
102	0450 3008B	Tapping Screw - M3x8	
103	0451 3006B	Tapping Screw - M3x6	
104	0720 0060E	Retaining Ring - M6	
105	0720 0040E	Retaining Ring - M4	
106	0805 0089	Retaining Ring - M4	
107	0805 3480	Bushing - 6mm	
108	1105 0283	Clamp	

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# 14.VERTICAL TRANSPORT (B135/B138)

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**14.VERTICAL TRANSPORT (B135/B138)** CÓPIA NÃO CONTROLADA

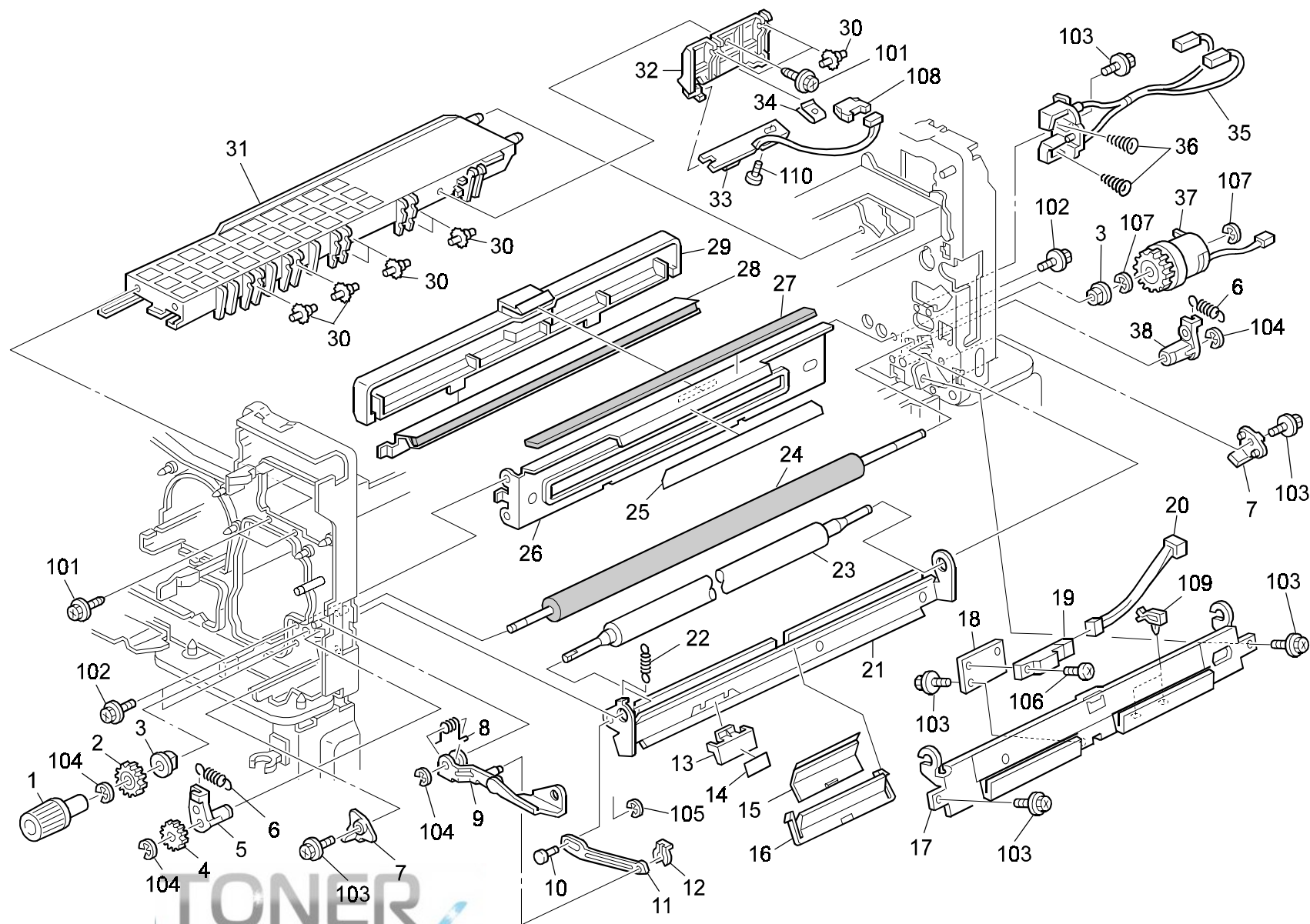
CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	5447 2681	Snap Ring	2
2	AA15 3393	Frame Seal - Rear Vertical	1
3	B082 5470	Harness:Connecting:Right Rear	1
4	AA15 3391	Frame Seal - Rear Right	1
5	A232 3950	Hook Lever	1
6	A232 3962	Spring Plate - Band Stopper	1
7	A232 3963	Band Stopper	1
8	B082 3992	Decal:Drum:Belt	1
9	B077 1305	Inner Cover:Right	1
9	B077 6322	Inner Cover:Right:EU	1
10	B077 3999	Lever:Handle:C3	1
11	B004 4330	Screw - 4.5MM	1
12	AF04 0571	Guide Roller	3
13	B082 4322	Guide Plate:Exit:Entrance	1
14	B004 4329	Grounding Plate - Exit Sensor	1
15	B082 5466	Harness:Sensor:Fusing:Used Toner Sensor	1
16	B077 4323	Bracket:Paper Feed Sensor	1
17	A232 3998	Upper Entrance Guide	1
18	A232 3999	Lower Entrance Guide	1
19	AW01 0061	Paper Feed Sensor:Fusing Exit	1
20	A232 3948	Rear Hook - Right Cover	1
21	AA06 6576	Torsion Spring	1
22	AA14 0666	Shaft - Hook	1
23	AA06 6575	Torsion Spring	1
24	A232 3945	Front Hook - Right Cover	1
25	AA15 3392	Sponge - 24x6x5	1
26	B082 3943	Cover:Right:EU	1
27	AA08 2079	Bushing - 6x8x5.8	1
28	A232 3942	Stopper - Right Cover	1
29	B082 3956	Cover:Fan	1
30	AX64 0143	Fan:Sirocco:DC24V:3350rpm	1
31	B082 3945	Shaft:Contact Point:Cover:Right	1
32	B082 3951	Duct:Cooling:Fusing:Right	1
33	B082 3952	Bracket:Fan	1
34	B082 4199	Shielding Plate:Cover:Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	B082 5466	Harness:Sensor:Fusing:Used Toner Sensor	1
36	B004 4328	Roller:Driven:Ass'y	1
37	B004 4327	Bushing - 4mm	2
38	AA06 3855	Spring - 3.5n	2
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0450 3008B	Tapping Screw - M3x8	
103	0451 3006B	Tapping Screw - M3x6	
104	0453 3025B	Binding Self-Tapping Screw:M3x25	
105	0720 0060E	Retaining Ring - M6	
106	1105 0165	Flat Cable Clamp	

# 15.PAPER REGISTRATION (B135/B138)

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**15.PAPER REGISTRATION (B135/B138)** CÓPIA NÃO CONTROLADA

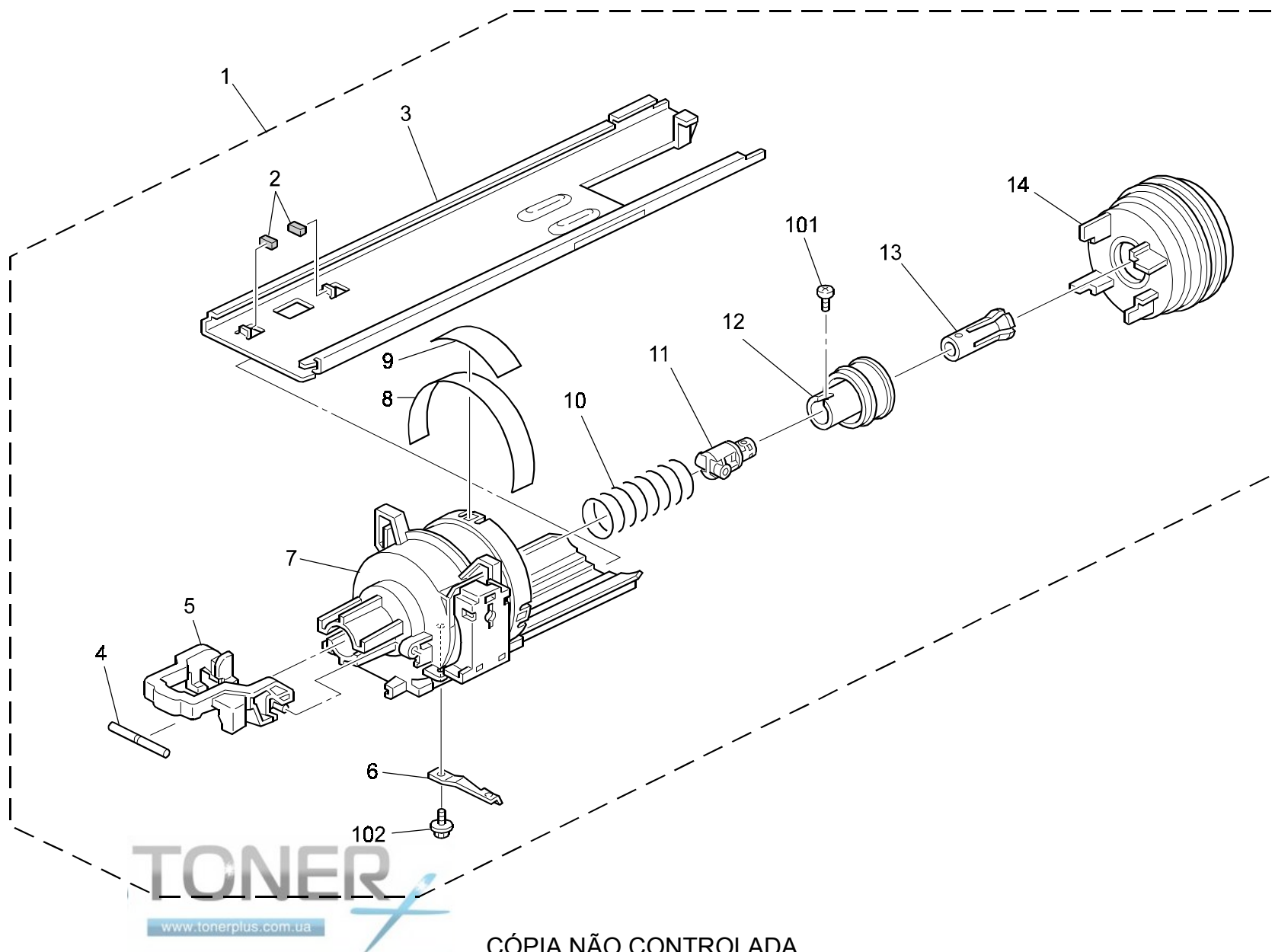
CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	AG05 0085	Registration Roller Knob	1
2	AB01 3485	Gear - 20Z	1
3	AA08 2080	Bushing - M8	2
4	AB01 4051	Gear - 16Z	1
5	AA08 0229	Front Bushing - M6	1
6	AA06 2304	Pressure Spring	2
7	A232 2578	Stopper - Guide Plate	2
8	AA06 6577	Torsion Spring	1
9	B077 3985	Link:Cover:Ass'y	1
10	AA14 9291	Pin - Link	1
11	B077 2596	Link:Guide Plate:Open And Close	1
12	5206 2686	Snap Ring	1
13	B082 2575	Grip:Guide Plate	1
14	AA00 1393	Decal - A2	1
15	B082 2614	Bracket:Registration Roller	1
16	B082 2611	Case:Registration Roller:Ass'y	1
17	B077 2583	Guide Plate:Entrance:Lower:Adhesion	1
18	B077 2594	Bracket:Registration Sensor	1
19	AW01 0048	Photosensor - GP2A28N1	1
20	B082 5420	Harness:Registration Sensor	1
21	B082 2574	Guide Plate:Entrance:Upper	1
22	AA06 2305	Tension Spring	1
23	AF02 1059	Driven Registration Roller	1
24	AF02 0410	Registration Roller	1
25	A232 1074	Guide - Transfer Entrance	1
26	B082 1073	Stay:Drum:Lower	1
27	AA15 3442	Shield - Stay - PCU	1
28	B082 2603	Cleaner:Registration Roller:Ass'y	1
29	B082 2602	Case:Cleaner:Registration Roller	1
30	B004 2310	Spur	8
31	B082 2403	Supporter:PCU	1
32	A232 2366	Holder - ID Sensor	1
33	A232 2367	ID Sensor	1
34	A232 1284	Spring Holder	1
35	AD02 1127	Receptacle	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AA06 3304	Terminal Spring	2
37	AX20 0138	Electrical Clutch - Mice-13	1
38	AA08 0230	Rear Bushing - M6	1
101	0450 3008B	Tapping Screw - M3x8	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0451 3006B	Tapping Screw - M3x6	
104	0720 0040E	Retaining Ring - M4	
105	0720 0020E	Retaining Ring - M2	
106	0313 0060B	Philips Pan Head Screw - M3x6	
107	0720 0060E	Retaining Ring - M6	
108	1102 6246	Relay Connector - 4P	
109	1105 0283	Clamp	
110	0353 0060B	Philips Pan Head Screw - M3x6	

## 16.TONER HOPPER UNIT (B135/B138)

CÓPIA NÃO CONTROLADA



**16.TONER HOPPER UNIT (B135/B138)**

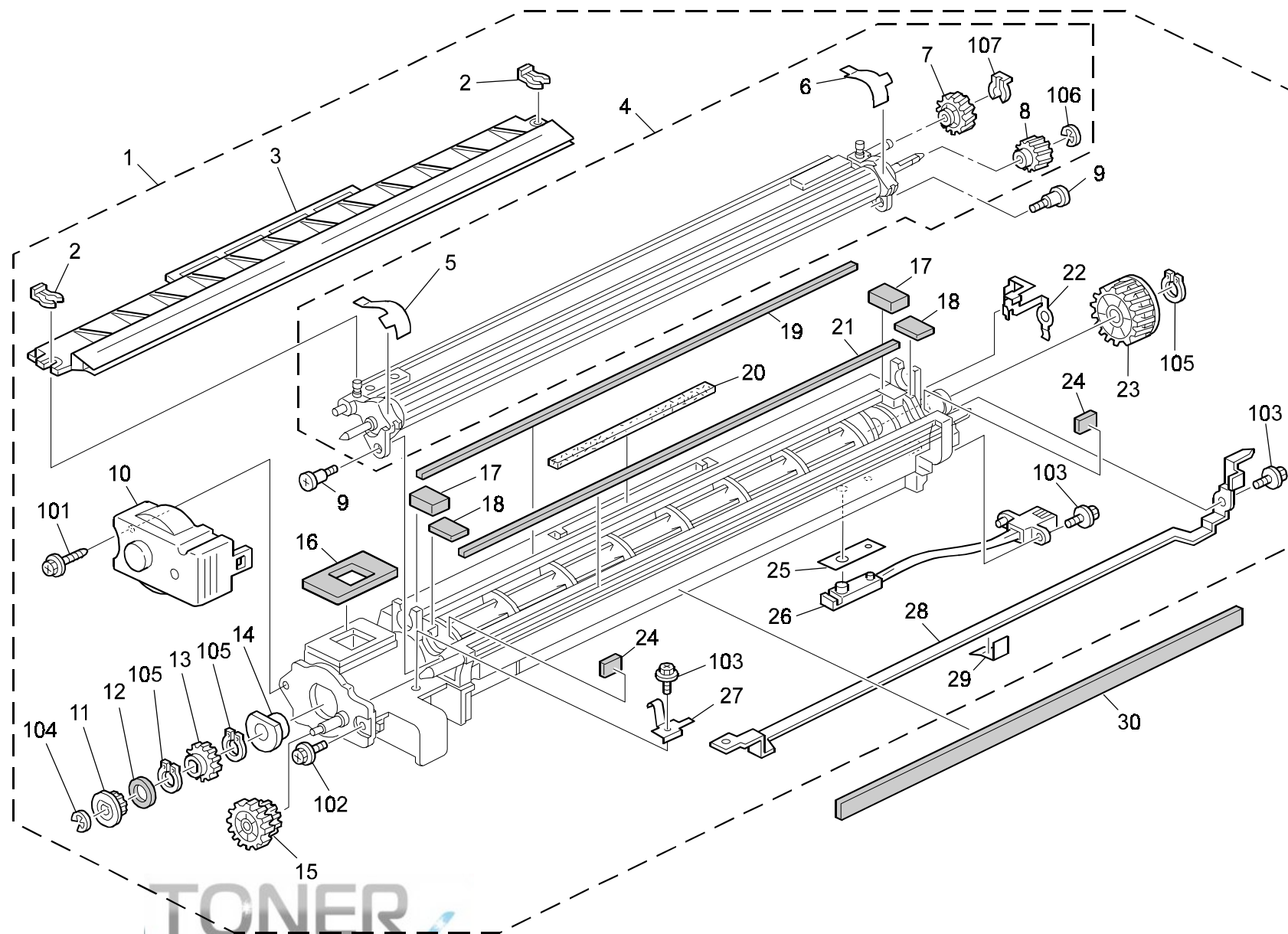
CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 3208	Toner Supply Unit:C3:Ass'y	1
2	A232 3266	Seal - Slide Rail	2
3	B077 3262	Slide Rail:Toner Supply Unit	1
4	AA14 5810	Slide Shaft	1
5	A232 3261	Handle - Toner Supply	1
6	A232 3263	Spring Plate - Toner Bottle	1
7	A232 3230	Case - Toner Supply Ass'y	1
8	AA15 3083	Seal - Toner Supply Unit Cover	1
9	B082 3265	Decal:Caution Chart	1
10	AA06 3566	Pressure Spring	1
11	A232 3251	Chuck Shaft	1
12	A232 3252	Slider Ass'y	1
13	A134 3180	Bottle Chuck	1
14	A232 3240	Cover- Toner Bottle Ass'y	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3010B	Tapping Bind Screw - M3x10	
102	0450 3008B	Tapping Screw - M3x8	





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# 17.DEVELOPMENT UNIT 1 (B135/B138)

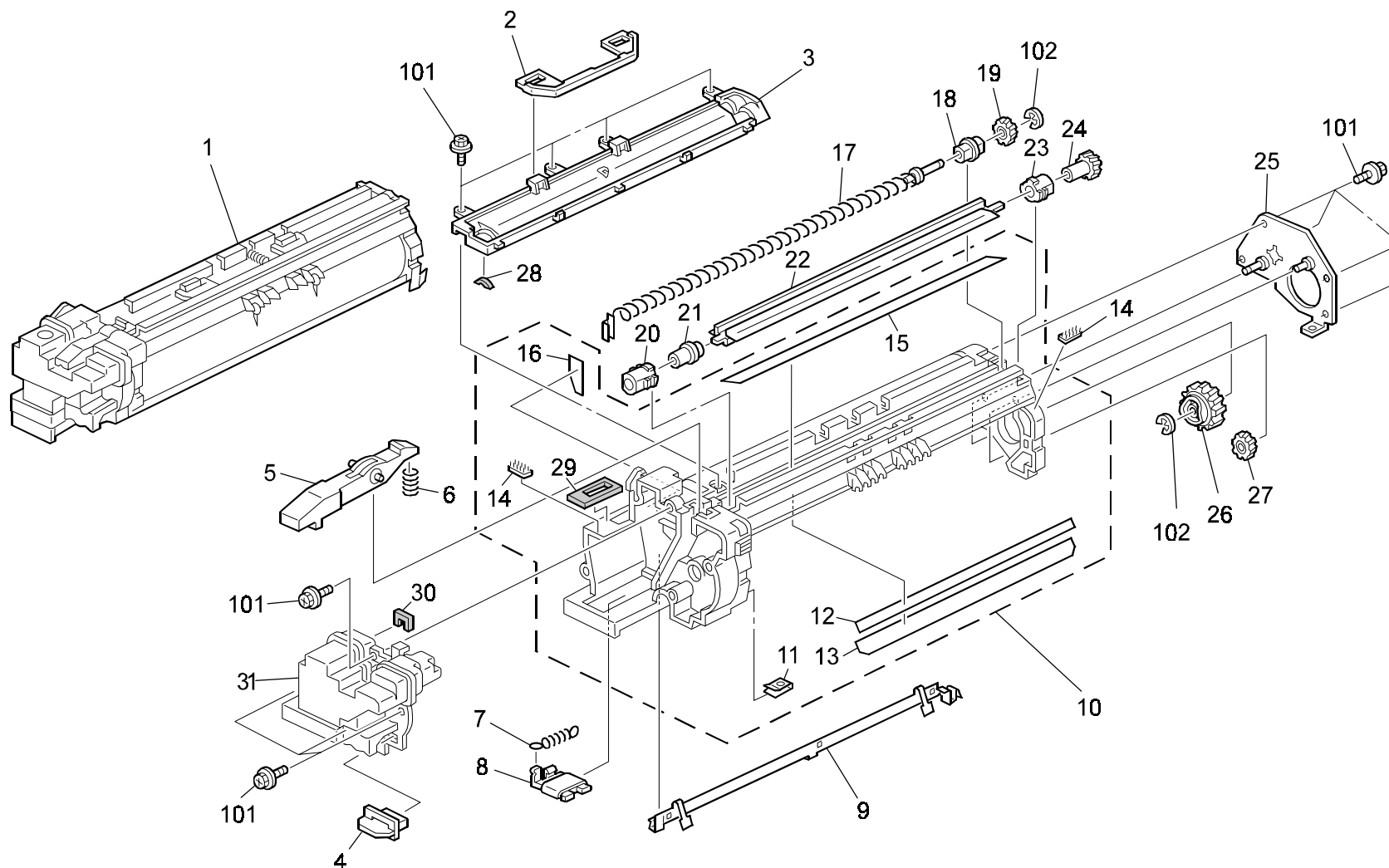
CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 3010	Development Unit:Ass'y	1
2	5206 2686	Snap Ring	2
3	A232 3150	Entrance Seal Ass'y	1
4	B082 3100	Development Sleeve:Ass'y	1
5	B082 3121	Shield:Development Sleeve:Front:C3	1
6	B082 3122	Shield:Development Sleeve:Rear:C3	1
7	AB01 1386	Development Sleeve Gear	1
8	AB01 1446	Gear - 29Z	1
9	AA14 3219	Stepped Screw	2
10	A232 3155	Front Cover - Development Unit	1
11	AB01 4061	Gear - 13Z	1
12	A232 3077	Spacer - M5	1
13	AB01 4060	Gear - 21Z	1
14	AA08 0234	Bushing - 12x18x6	1
15	AB01 4062	Gear - 17Z/25Z	1
16	G065 3066	Entrance Shield - Toner Supply	1
17	AA15 3054	Sponge - 17x7x5	2
18	AA15 3095	Shield - Development - Center	2
19	AA15 3053	Sponge - 317x5x5	1
20	AA01 2102	Development Filter	1
21	G065 3067	Coupling Shield	1
22	A232 3069	Rear Bias Terminal - Development	1
23	B004 3078	Joint - Paddle	1
24	B082 3123	Shield:Case:Development:Front Rear:C3	2
25	A232 3067	Tape - TD Sensor	1
26	B082 3065	Density Sensor:Development	1
27	A232 3068	Front Bias Terminal - Development	1
28	B004 3062	Ground Plate- Doctor Blade	1
29	G012 3897	Film - Toner End Sensor Harness	1
30	AA15 3443	Mylar -development Unit-right	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3014B	Tapping Screw - M3x14	
102	0450 3010B	Tapping Screw - M3x10	
103	0450 3008B	Tapping Screw - M3x8	
104	0720 0030E	Retaining Ring - M3	
105	0725 0110E	C Ring - M11	
106	0720 0040E	Retaining Ring - M4	
107	0805 0097	Ring Separator	

CÓPIA NÃO CONTROLADA



# 18.PHOTOCONDUCTOR UNIT 1 (B135/B138) CÓPIA NÃO CONTROLADA

Rev. 01/22/2004

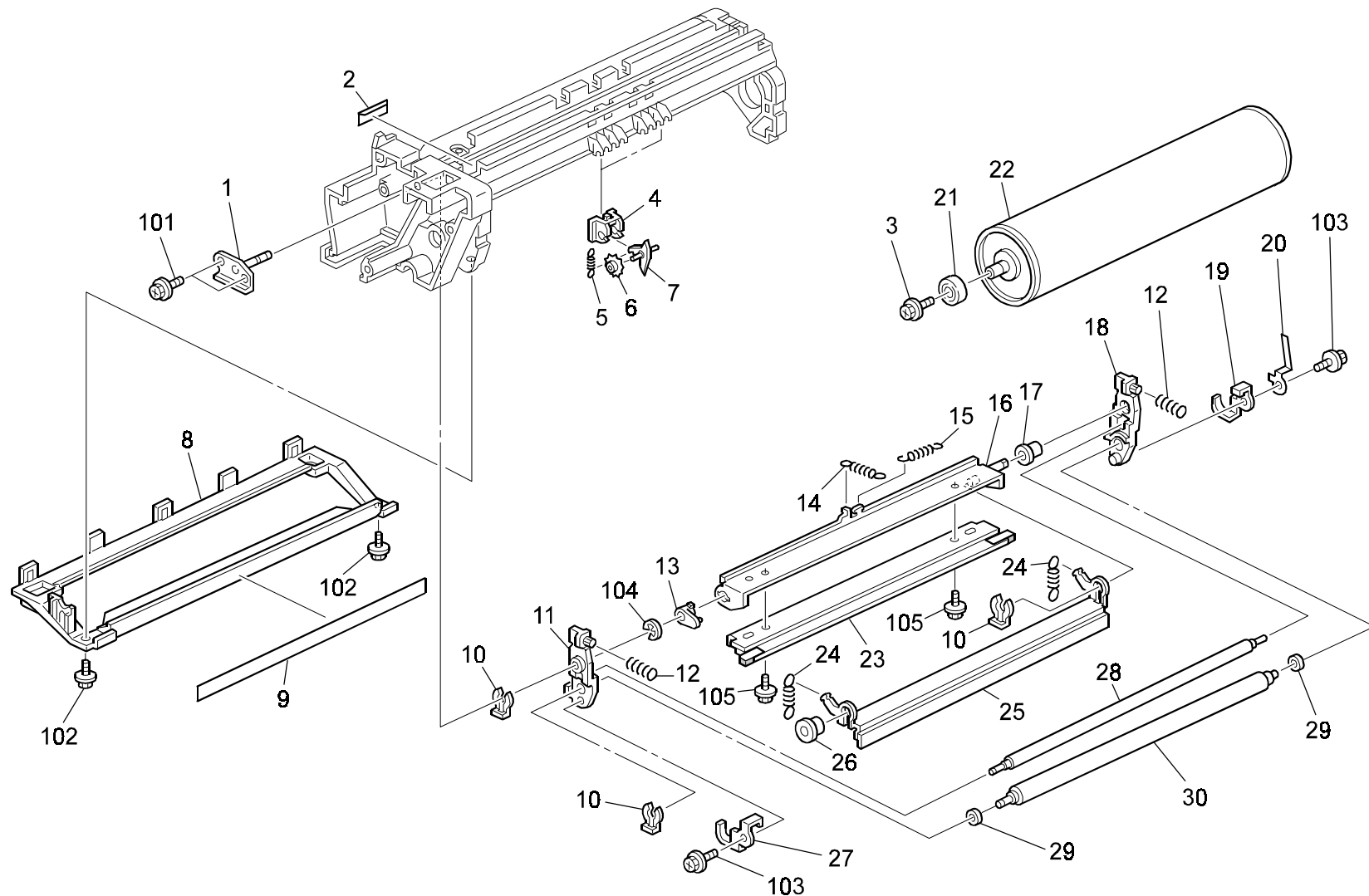
Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 2202	PCU:Ass'y	1
2	G065 2259	Handle - PCU	1
3	G065 2251	Cover:PCU:Upper:Ass'y	1
4	G065 2328	Cap - Toner Supply	1
5	B082 2217	Stopper:PCU:C3	1
6	AA06 3646	Pressure Spring - PCU Stopper	1
7	AA06 2316	Tension Spring - Shutter	1
8	G065 2241	Shutter - Toner Supply	1
9	G065 2271	Receptacle - Charge Roller	1
10	B082 2220	Frame:PCU:Upper:Ass'y	1
11	A232 1284	Spring Holder	1
12	A232 2280	Tape - Entrance Seal	1
13	AD04 7023	Cleaning Entrance Seal	1
14	A232 3267	Front Entrance Seal - Toner Supply	2
15	AA15 0671	Shield - Collection Coil	1
16	B004 2215	Entrance Seal - Toner Supply	1
17	B082 2292	Toner Collection Coil:Ass'y	1
18	A232 2292	Bushing - Toner Collection Coil	1
19	AB01 1377	Gear - 14Z	1
20	A232 2289	Front Bushing - Collection Mylar	1
21	A232 2288	Shaft - Toner Collection Mylar	1
22	B082 2288	Collection Coil:Ass'y	1
23	A232 2290	Bushing - Collection Mylar	1
24	AB01 1378	Gear - 19Z	1
25	B082 2290	Bracket:Idler:Ass'y	1
26	AB01 1380	Cam - Cleaning Blade	1
27	AB01 1379	Gear - 19Z	1
28	B004 2212	Front Seal - Cleaning Cover	1
29	G065 2279	Entrance Seal - Toner Supply	1
30	B082 3256	Shield:Developer:Cartridge:Upper Right	1
31	B082 3255	Developer Cartridge - Sub Assembly	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008B	Tapping Screw - M3x8	
102	0720 0040E	Retaining Ring - M4	

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## 19. PHOTOCONDUCTOR UNIT 2 (B135/B138) CÓPIA NÃO CONTROLADA



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# 19.PHOTOCONDUCTOR UNIT 2 (B135/B138) CÓPIA NÃO CONTROLADA

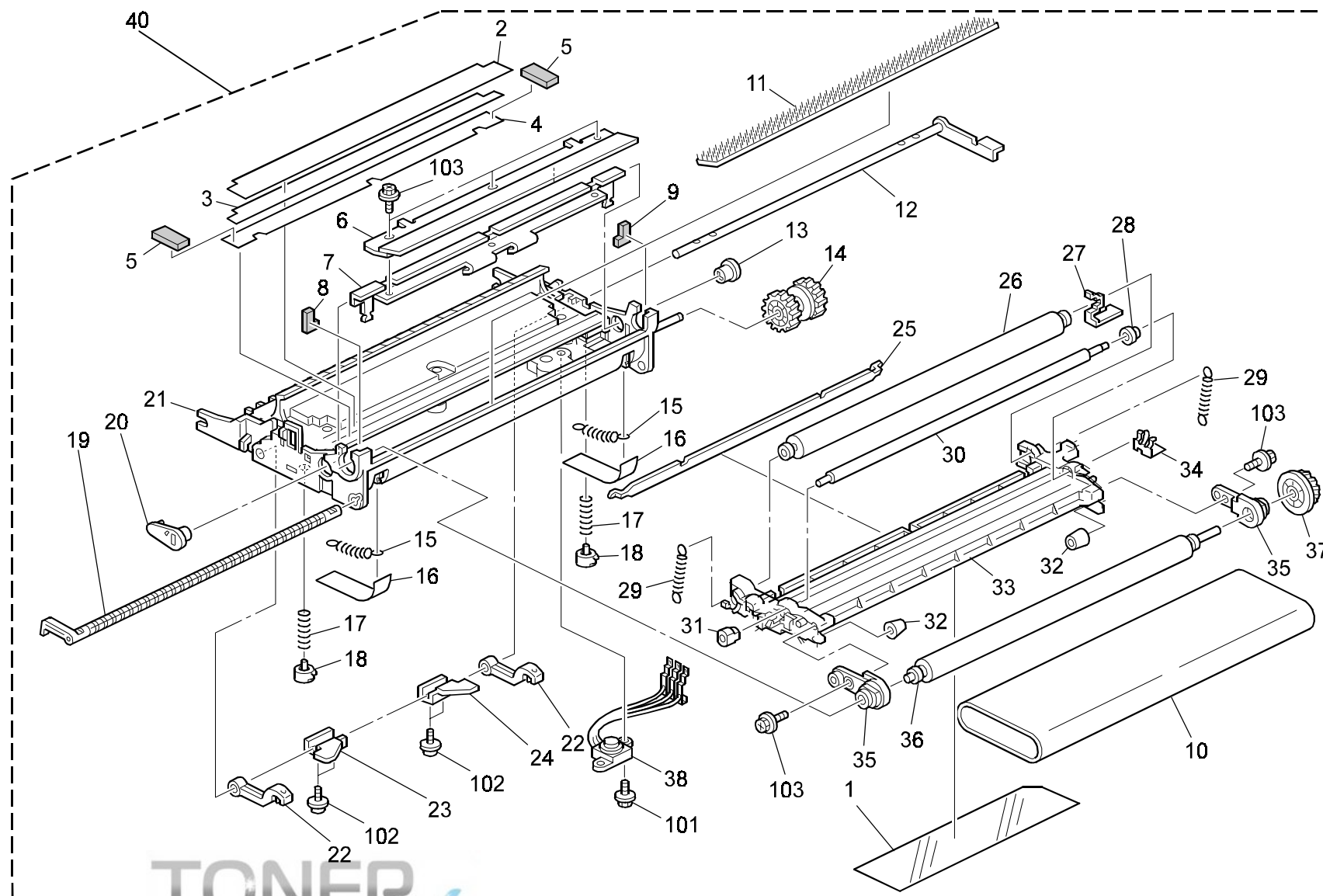
Rev. 10/20/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 2316	Stud:Contact Point:Cleaning:Ass'y	1
2	G065 2282	Shield:PCU:Rail	1
3	AA14 3533	Screw:10:M3x18	1
4	A232 2340	Holder - Pick-off Pawl	2
5	AA06 2310	Pressure Spring	2
6	A232 2339	Spur	2
7	AD02 5021	Pick-off Pawl	2
8	B082 2302	Frame:PCU:Lower:Ass'y	1
9	AA00 3206	Decal:PCU:Spring:Caution Chart	1
10	G065 2681	Snap Ring	3
11	G065 2321	Front Arm - Charge Unit	1
12	AA06 3648	Pressure Spring	2
13	A232 2315	Front Bushing - Cleaning Bracket	1
14	AA06 2299	Pressure Spring	1
15	AA06 2300	Tension Spring	1
16	B082 2312	Second Cleaning Blade	1
17	A232 2318	Collar - Cleaning	1
18	G065 2326	Rear Arm - Charge Unit	1
19	G065 2308	Rear Terminal - Charge Roller	1
20	B082 2333	Terminal: Brush Roller	1
21	A232 3553	Ball Bearing - 8x16x5	1
22	A230 9510	OPC DRUM	1
23	B082 2353	Cleaning Blade:Ass'y	1
24	AA06 2255	Spring:Cleaning Blade	2
25	AD04 1105	Cleaning Blade:Ass'y	1
26	5203 1852	Bushing - 6x8x4mm	1
27	G065 2354	Front Terminal - Charge Roller	1
28	B082 2329	Brush Roller:Cleaner:Charge:Ass'y	1
29	A232 2421	Bushing - 6x10x3	2
30	AD02 7012	Roller:Charge:Apply	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008B	Tapping Screw - M3x8	
102	0451 3008B	Tapping Screw - M3x8	
103	0450 3006B	Tapping Screw - M3x6	
104	0720 0040E	Retaining Ring - M4	
105	0451 3006B	Tapping Screw - M3x6	



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## 20. TRANSFER UNIT (B135/B138)

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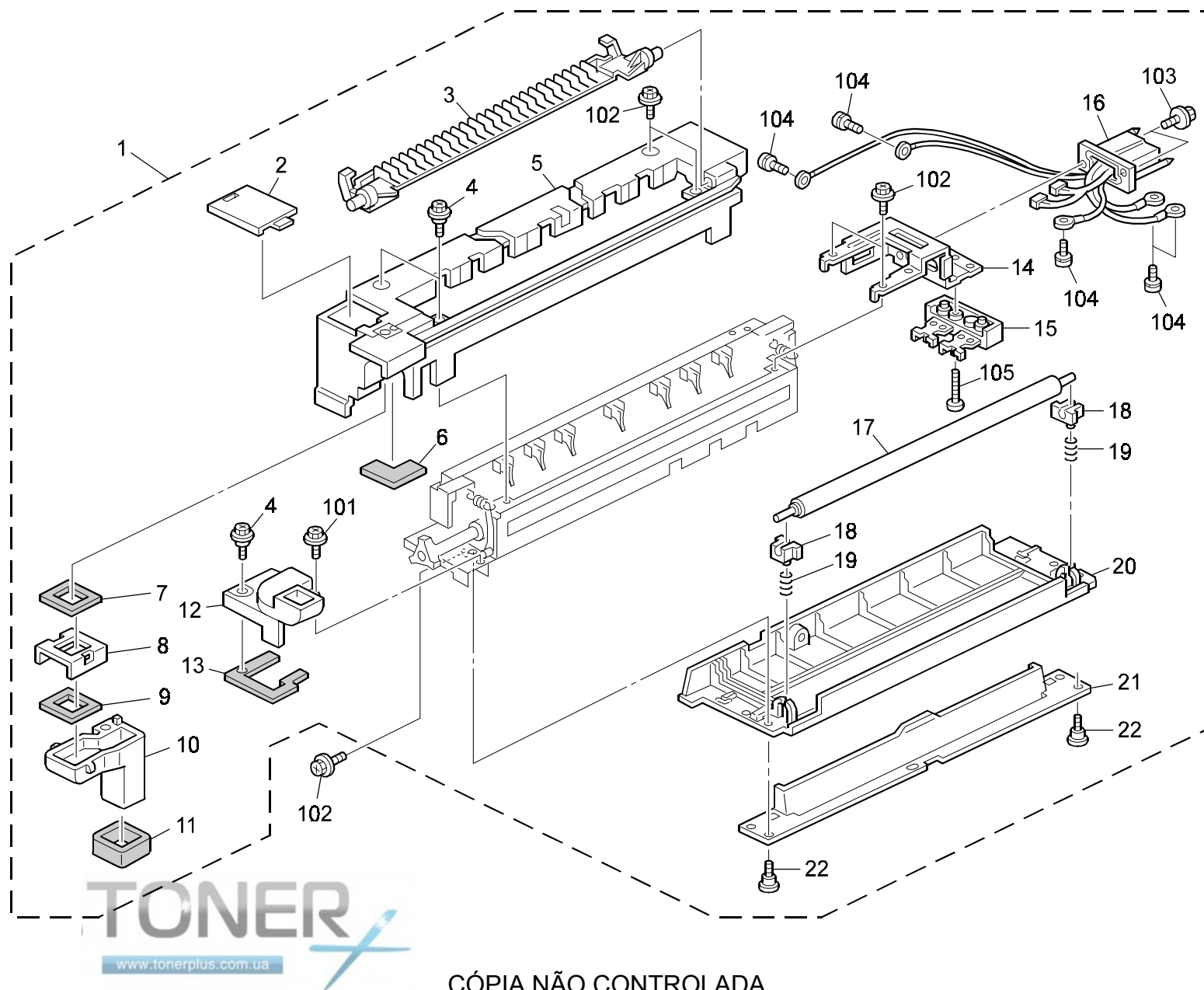
Rev. 10/20/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	B004 3914	Mylar - Belt Drive Roller	1
2	A232 3907	Seal - Transfer Exit	1
3	A232 3906	Seal - Rear Transfer Exit	1
4	A232 3905	Seal - Shield Plate	1
5	A232 3927	Shield - Transfer Belt - Exit	2
6	A232 3830	Cleaning Blade - Transfer Belt	1
7	B082 3923	Bracket:Cleaning Blade:0.6	1
8	A232 3909	Seal - Front Case	1
9	A232 3908	Seal - Rear Case	1
10	A232 3880	Transfer Belt	1
11	B082 3867	Shield:Remove Paper Dust	1
12	B077 3917	Lever:Release:Pressure	1
13	A232 3924	Rear Bushing - Cleaning Holder	1
14	AB01 4189	Gear - 27Z	1
15	AA06 0927	Spring Cleaning Blade:5.1n	2
16	AA15 0401	Seal - 70x20	2
17	AA06 3305	Torsion Spring	2
18	A232 3921	Spring Anchor	2
19	A232 3935	Shaft - Transfer Unit Stopper	1
20	A232 3925	Front Bushing - Cleaning Holder	1
21	B004 3900	Case - Transfer Unit	1
22	A232 3916	Pressure Lever - Transfer Belt	2
23	B077 3914	Lever:Front	1
24	B077 3913	Lever:Rear	1
25	A232 3883	Spring Plate - Transfer Unit	1
26	A232 3885	Driven Roller - Transfer Unit	1
27	A232 3887	Rear Terminal - Transfer Belt	1
28	AA08 2054	Bushing - M4	1
29	AA06 0712	Torsion Spring	2
30	A232 3889	Bias Roller	1
31	AA08 0246	Bushing - Bias Roller	1
32	A232 3926	Transfer Belt Roller	2
33	A232 3882	Flange - Transfer Unit	1
34	A232 3891	Bias Terminal	1
35	A232 3893	Arm - Transfer Belt	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	A232 3894	Drive Roller - Transfer Belt	1
37	AB01 1190	Gear - 25Z	1
38	AW31 0006	Toner Overflow Sensor	1
40	B004 9015	Transfer Unit	1
101	0450 3008B	Tapping Screw - M3x8	
102	0951 3006B	Philips Screw With Flat Washer-M3x6	
103	0451 3006B	Tapping Screw - M3x6	

## 21.FUSING UNIT 1 (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA



## 21.FUSING UNIT 1 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 7320	Fusing Unit:NA:Ass'y	1
1	B082 7720	Fusing Unit:EU:Ass'y	1
2	B004 4133	Cap- Fusing Cover	1
3	B004 4135	Guide Plate-fusing Exit	1
4	AA14 3520	Shoulder Screw - M3	3
5	B082 4131	Fusing Cover:Printing	1
6	B082 4144	Shield:Fusing Cover	1
7	B082 4148	Shield:Cover:Upper	1
8	B082 4147	Cover:Duct:Fusing:Front	1
9	B082 4149	Shield:Cover:Lower	1
10	B082 4142	Duct:Fusing:Front	1
11	B082 4145	Shield:Duct:Front Lower	1
12	B082 4152	Duct:Fusing:Front Lower	1
13	B082 4153	Shield:Duct:Fusing:Front Lower:Long	1
14	B077 4092	Bracket:Drawer:Fusing:Welding	1
15	B004 4095	Terminal Plate - Fusing Unit	1
16	G065 4117	Harness - Fusing Unit(120V)	1
16	G065 4127	Harness - Fusing Unit(230V)	1
17	AE04 2054	Fusing Cleaning Roller:Ass'y	1
18	AA08 2073	Roller Busing	2
19	AA06 3664	Spring:Fusing Cleaning Roller:5n	2
20	B082 4123	Fusing Entrance Guide Plate:Upper	1
21	B004 4126	Lower Entrance Guide Plate	1
22	AA14 0140	Screw - M3X4.5	2

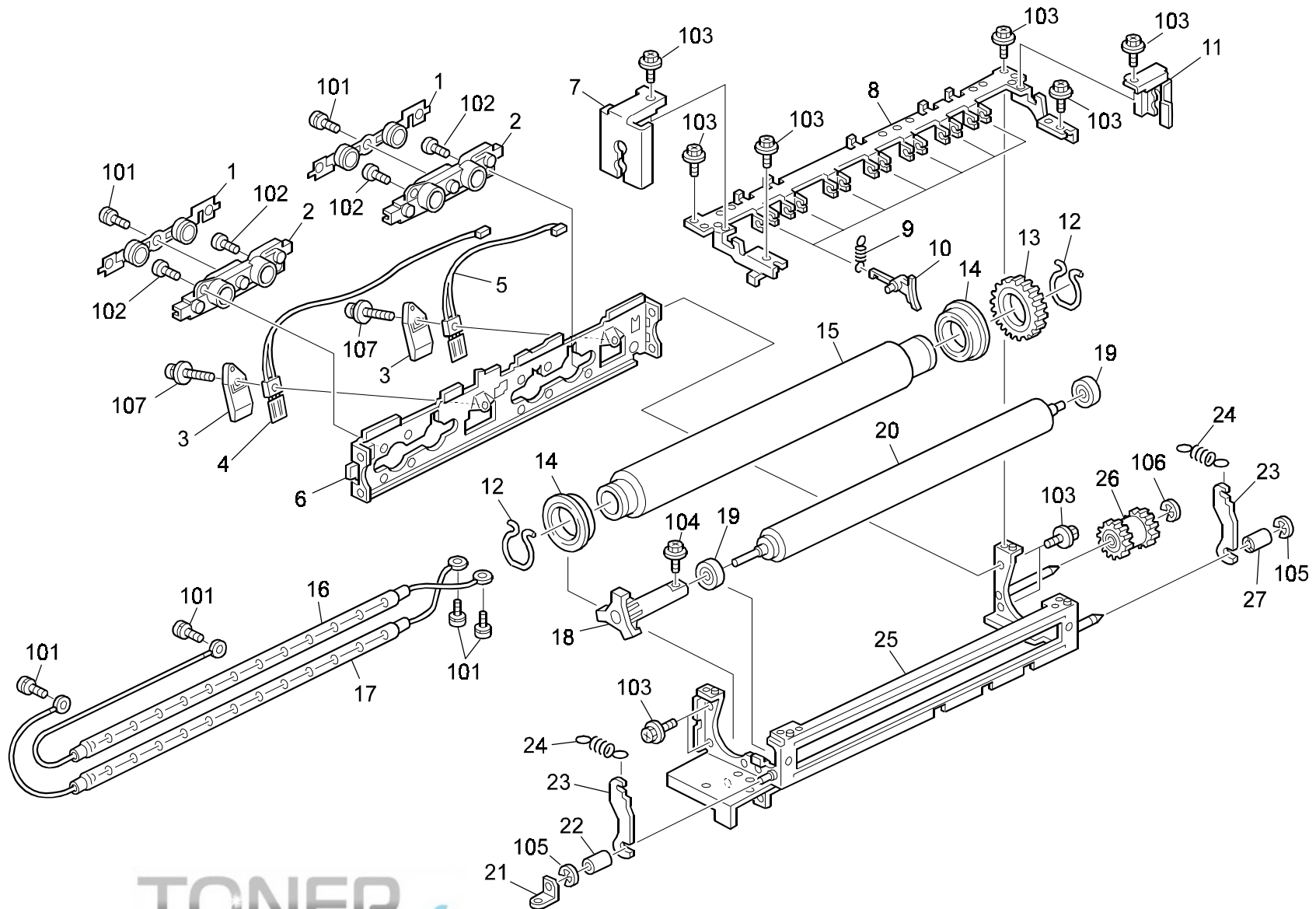


Index No.	Part No.	Description	Q'ty Per Assembly
101	0804 6075	Hexagonal Bolt - M3x8	
102	0451 3006B	Tapping Screw - M3x6	
103	0451 3008B	Tapping Screw - M3x8	
104	0801 0149	Philips Pan Head Screw - M4x6	
105	0957 3012B	Double Sems Screw - M3 x 12	

CÓPIA NÃO CONTROLADA

## 22.FUSING UNIT 2 (B135/B138)

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**22.FUSING UNIT 2 (B135/B138)**

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Rev. 01/09/2004

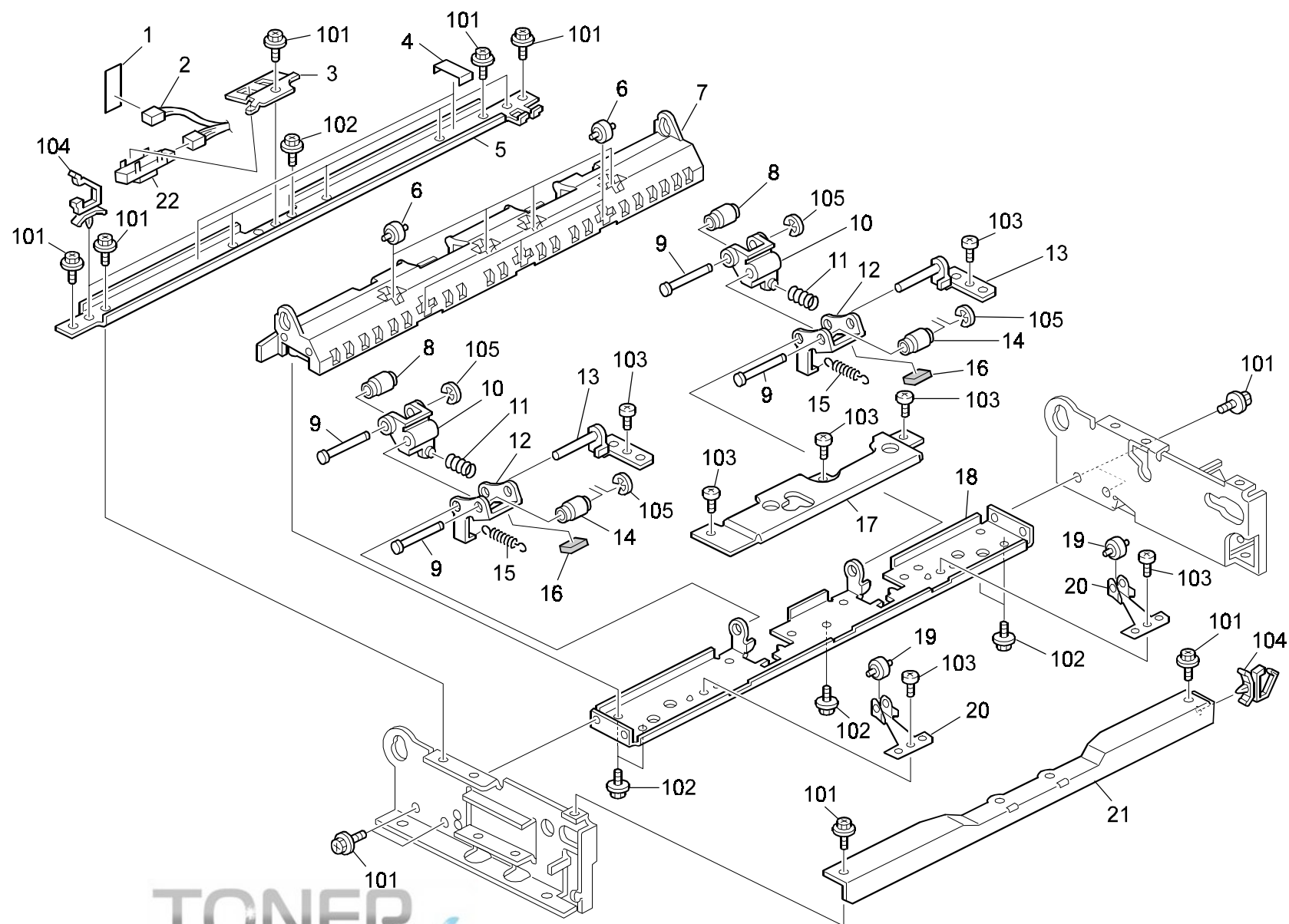
Index No.	Part No.	Description	Q'ty Per Assembly
1	G065 4106	Thermostat	2
2	G065 4105	Housing - Thermostat	2
3	B004 4087	Plate- Thermistor	2
4	AW10 0052	Thermistor - Center	1
5	AW10 0053	Thermistor - Rear	1
6	B077 4055	Stay:Fusing:Thermostat	1
7	B082 4111	Socket:Heater:Front	1
8	B077 4081	Frame:Fusing:Upper	1
9	AA06 0948	Tension Spring	7
10	AE04 4056	Hot Roller Stripper	7
11	B077 4115	Socket:Heater:Rear	1
12	A232 4064	C Ring - Hot Roller	2
13	AB01 3882	Gear - 40Z	1
14	AE03 0047	Ball Bearing - 30x42x7	2
15	AE01 1092	Hot Roller - 39.8mm T0.4	1
16	AX43 0090	Heater:120V:550W:215mm	1
16	AX43 0091	Heater:230V:550W:215mm	1
17	AX44 0173	Heater:120V:650W:335mm	1
17	AX44 0174	Heater:230V:650W:335mm	1
18	AG05 0094	Knob:Fusing	1
19	AE03 0048	Ball Bearing - 8x22x7	2
20	AE02 0125	Pressure Roller:Mm32:Ass'y	1
21	B082 4054	Positioning Plate Front	1
22	A232 4057	Front Collar - Pressure Lever	1
23	B077 4056	Lever:Pressure	2
24	AA06 0840	Pressure Spring - 29n	2
25	B082 4051	Frame:Fusing:Assy	1
26	AB01 4046	Gear - 25Z	1
27	A232 4058	Rear Collar - Pressure Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0801 0149	Philips Pan Head Screw - M4x6	
102	0453 3006B	Tapping Screw - M3x6	
103	0451 3006B	Tapping Screw - M3x6	
104	0804 6075	Hexagonal Bolt - M3x8	
105	0720 0040E	Retaining Ring - M4	
106	0720 0030E	Retaining Ring - M3	
107	0954 3012B	Screw - M3X12	



CÓPIA NÃO CONTROLADA

## 23.PAPER SEPARATION UNIT 1 (B135/B138) CÓPIA NÃO CONTROLADA



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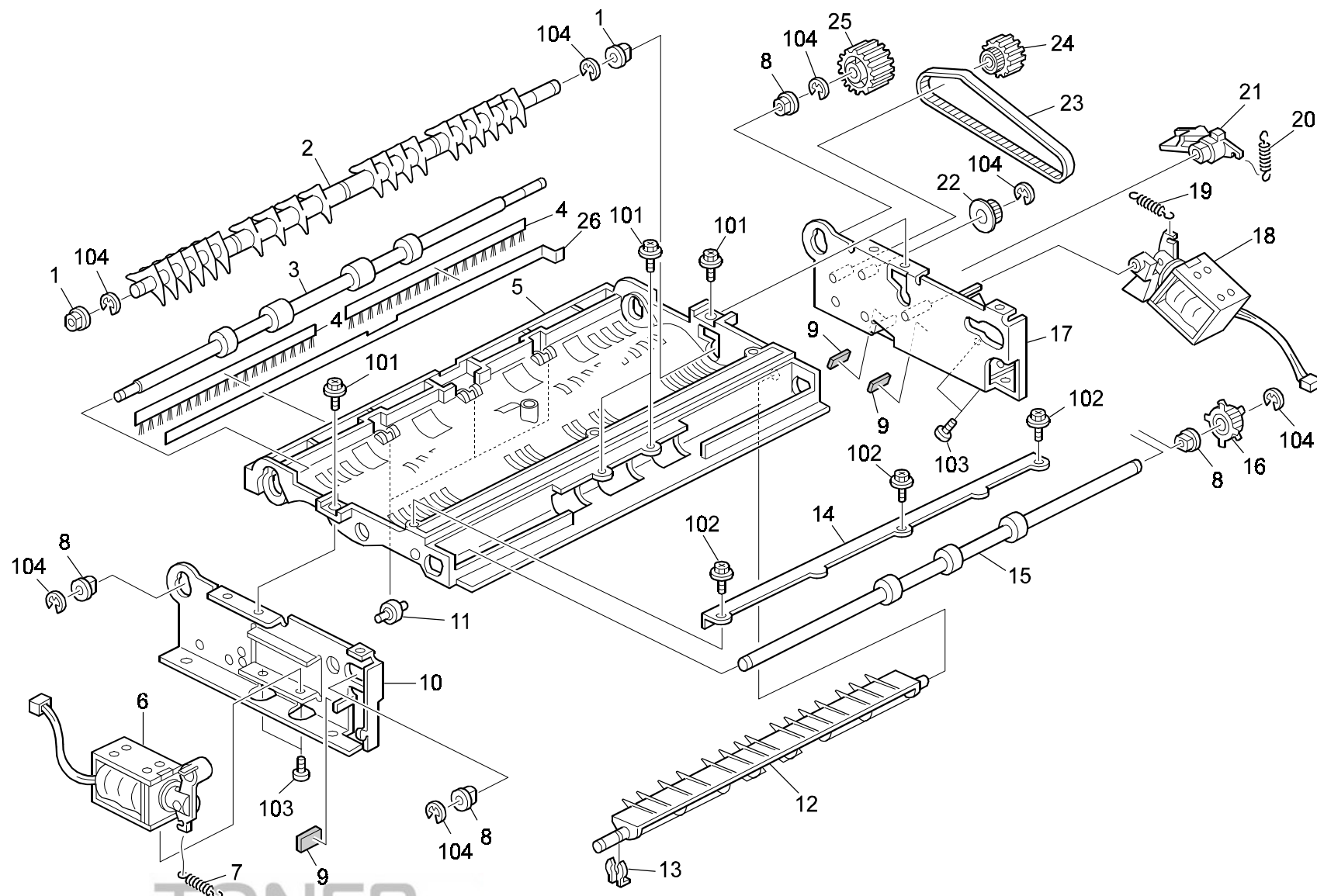
## 23.PAPER SEPARATION UNIT 1 (B135/B138) CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	G012 3897	Film - Toner End Sensor Harness	1
2	B082 5459	Harness:DC:Exit	1
3	B077 4494	Bracket:Paper Feed Sensor	1
4	B004 4434	Harness Guide	2
5	B077 4493	Joint:Machine Or Copier	1
6	AF04 0571	Guide Roller	7
7	B004 4453	Lower Guide Plate	1
8	AF04 0599	Pressure Roller:15	2
9	B004 4460	Shaft-pressure Roller	4
10	B004 4458	Pressure Arm - Exit	2
11	AA06 3854	Pressure Spring	2
12	B077 4463	Arm:Pressure:Entrance	2
13	B082 4466	Bracket:Contact Point:Ass'y	2
14	AF04 0601	Pressure Roller:Entrance	2
15	AA06 2312	Pressure Spring	2
16	AA16 1629	Pad-guide Plate	2
17	B077 4437	Supporting Plate:Frame:Left Lower	1
18	B077 4455	Frame:Left Lower	1
19	AF04 0575	Driven Roller	2
20	B004 4469	Spring Plate - Exit Roller	2
21	B077 4490	Supporting Plate:Frame:Right	1
22	AW01 0049	Photo Reflection Sensor	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0450 3006B	Tapping Screw - M3x6	
103	0353 0040B	Screw - M3X4	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	0720 0030E	Retaining Ring - M3	

## 24.PAPER SEPARATION UNIT 2 (B135/B138) CÓPIA NÃO CONTROLADA



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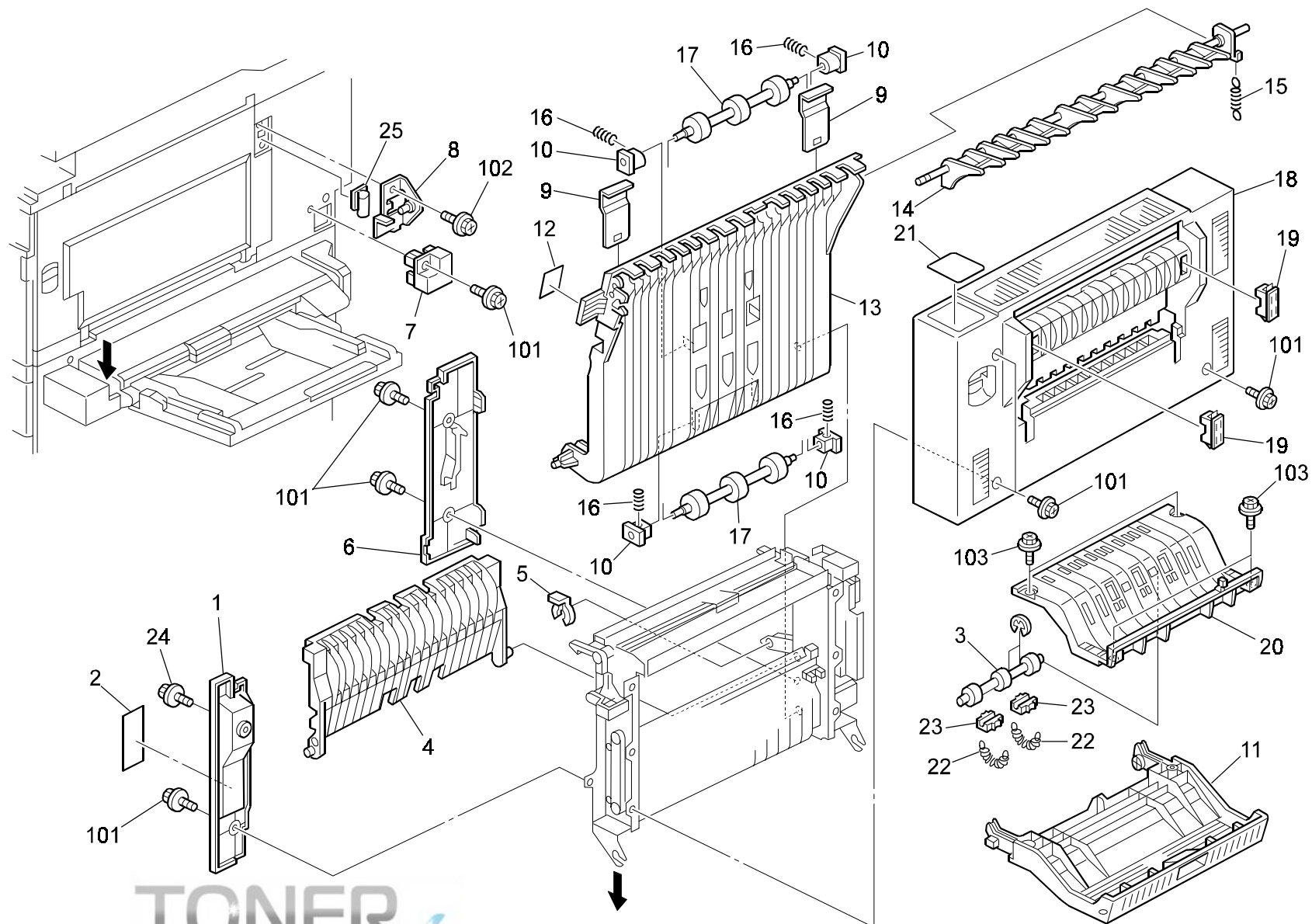
## 24.PAPER SEPARATION UNIT 2 (B135/B138) CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B004 4438	Bushing	2
2	B004 4478	Entrance Junction Gate	1
3	AF02 0514	Exit Roller	1
4	AA12 0115	Discharge Brush:Exit	2
5	B004 4477	Upper Guide Plate	1
6	A232 4484	Solenoid - Exit Gate	1
7	AA06 0716	Tension Spring	1
8	AA08 2058	Bushing - 6x10x9mm	4
9	AA16 1628	Link Cushion - 10x5x2	3
10	B077 4471	Side Plate:Front	1
11	AF04 0574	Guide Roller	3
12	B004 4481	Exit Junction Gate	1
13	5447 2681	Snap Ring	1
14	B077 4439	Bracket:Protect:Middle	1
15	AF02 0515	Transport Roller	1
16	AB03 0568	Pulley - 23T	1
17	B082 4472	Side Plate:Rear:Ass'y	1
18	B004 4486	DC Solenoid	1
19	AA06 0855	Return Spring	1
20	AA06 2313	Gate Pawl Spring 1.5n	1
21	B004 4479	Lever - Entrance Junction Gate	1
22	AB03 0672	Idler Pulley	1
23	AA04 3555	Timing Belt - S2M234	1
24	AB01 7458	Gear Pulley - 18Z/22T	1
25	AB01 4049	Gear - 24Z	1
26	B004 4497	Ground Plate - Discharge Brush	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0450 3006B	Tapping Screw - M3x6	
103	0353 0040B	Screw - M3X4	
104	0720 0040E	Retaining Ring - M4	

## 25.DUPLEX UNIT 1 (B135/B138)

CÓPIA NÃO CONTROLADA



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## 25.DUPLEX UNIT 1 (B135/B138)

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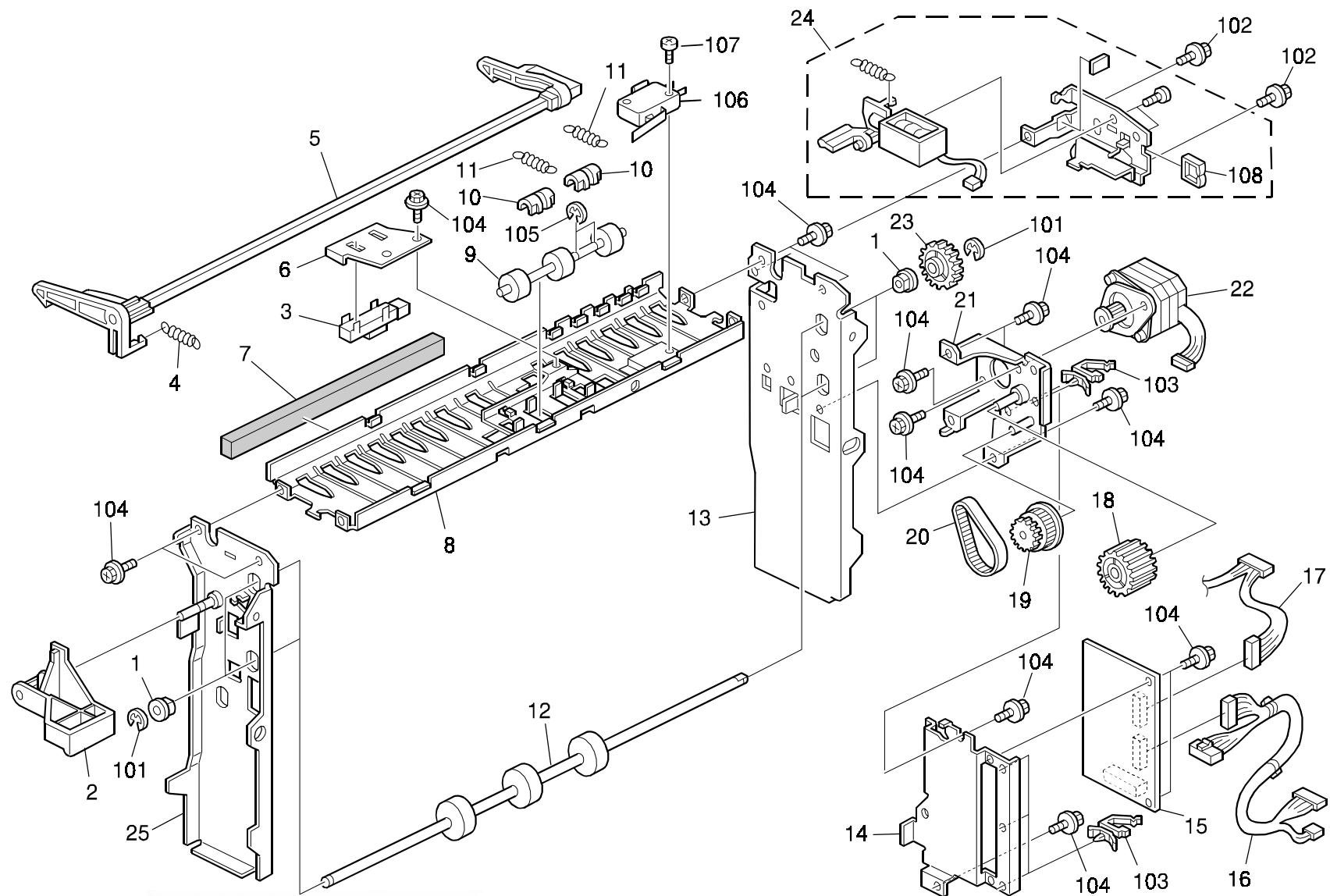
Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 4720	Inner Cover:Duplex Unit:Front	1
2	B082 4852	Decal:Duplex	1
3	AF02 0511	Reverse Roller - Driven	1
4	B004 4645	Guide Plate - Middle	1
5	5447 2681	Snap Ring	1
6	B077 4730	Inner Cover:Duplex Unit:Rear	1
7	B077 4810	Cover:Harness:Duplex	1
8	B077 4793	Bracket:Link:Machine Or Copier:Ass'y	1
9	A232 4653	Pressure Plate - Guide Plate	2
10	AA08 0034	Bushing - 4x5x7	4
11	B077 4711	Cover:Duplex Unit:Right	1
12	B004 4851	Decal - Jam Removal	1
13	A232 4647	Driven Guide Plate	1
14	AF02 5036	Duplex Junction Gate	1
15	AA06 0709	Tension Spring	1
16	AA06 3303	Pressure Spring	4
17	AF02 0512	Driven Roller - Duplex	2
18	B077 4701	Cover:Duplex Unit	1
19	A680 1181	Magnetic Catch	2
20	B077 4716	Guide Plate:Right	1
21	B082 4853	Decal:Duplex Unit:Upper	1
22	AA06 0839	Pressure Spring - Driven	2
23	AA08 0307	Bushing - M4	2
24	B004 5843	Shoulder Screw	1
25	B004 5842	Gasket - Duplex Unit	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008H	Tapping Screw - M3x8	
102	0451 3006B	Tapping Screw - M3x6	
103	0450 3008H	Tapping Screw M3x8	

## 26.DUPLEX UNIT 2 (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

## 26.DUPLEX UNIT 2 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA08 2074	Bushing - M8	4
2	B077 4684	Grip:Un Lock	1
3	AW01 0048	Photosensor - GP2A28N1	1
4	AA06 6152	Tension Spring	1
5	A232 4685	Hook - Unit Release	1
6	B077 4763	Bracket:Entrance Sensor	1
7	AA16 2046	Cushion - 347x10x5	1
8	B077 4634	Guide Plate:Reverse	1
9	AF02 0511	Reverse Roller - Driven	1
10	AA08 0307	Bushing - M4	2
11	AA06 0839	Pressure Spring - Driven	2
12	AF02 0509	Reverse Roller - Duplex	2
13	B077 4642	Side Plate:Rear:Ass'y	1
14	B077 4800	Bracket:Base	1
15	B004 5140	Main Board - Duplex	1
16	B082 5460	Harness:Duplex Unit	1
17	B082 5461	Harness:Duplex Unit:Sensor	1
18	AB03 0670	Gear - 24Z	1
19	AB01 4162	Gear - 46Z	1
20	AA04 3443	Timing Belt - S2M 140	1
21	B077 4666	Bracket:Stepper Motor:Ass'y	1
22	B004 4664	DC Motor - 28W	1
23	AB01 4161	Reverse Roller Gear	2
24	B004 4690	Link Solenoid Ass'y	1
25	B077 4638	Side Plate:Front:Ass'y	1

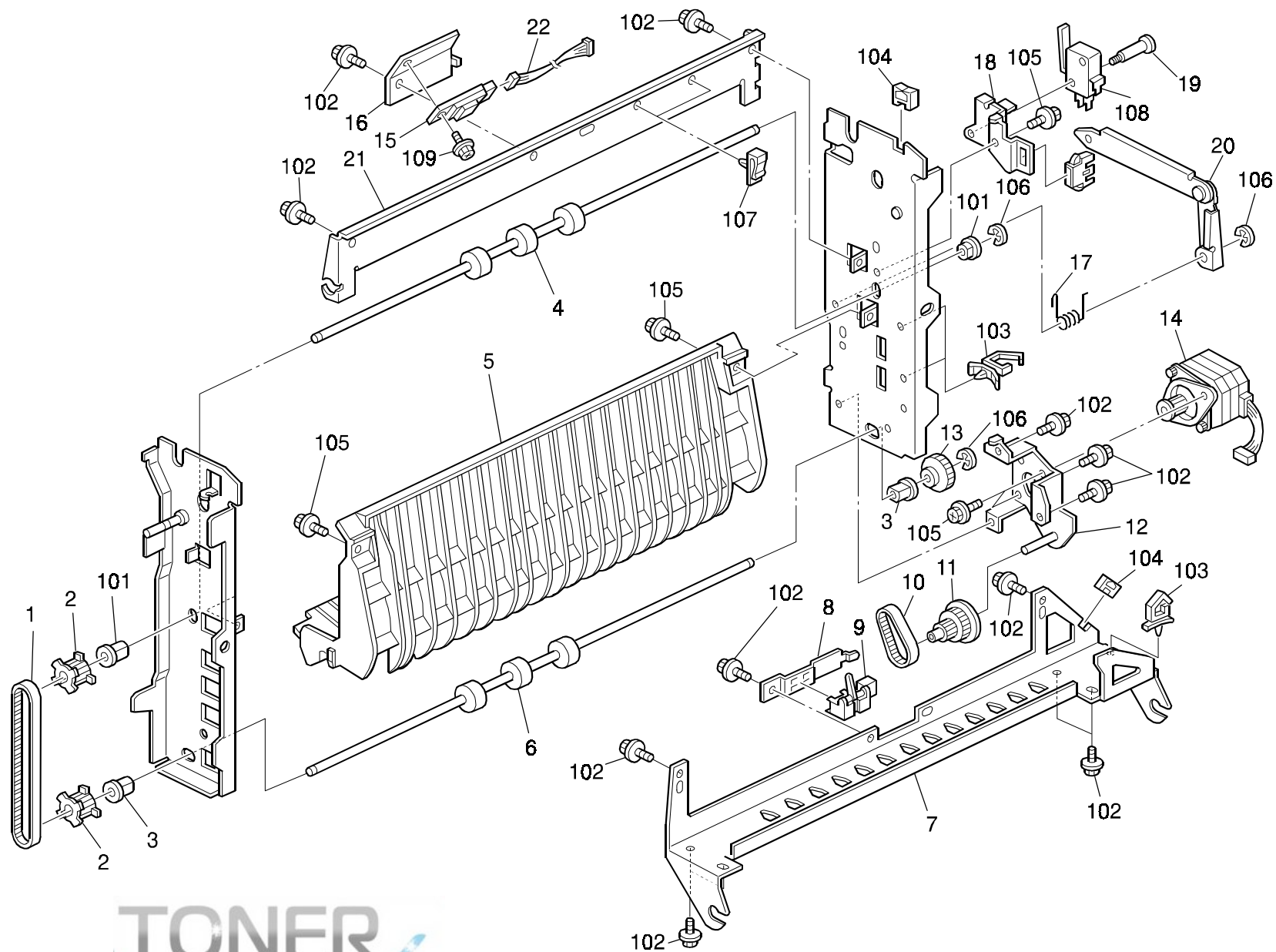
Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	1105 0460	Clamp	
104	0451 3006B	Tapping Screw - M3x6	
105	0720 0030E	Retaining Ring - M3	
106	1204 2466	Micro Switch - V-16506-1c25	
107	0353 0120B	Bind Screw - M3x12	
108	1105 0328	Harness Clamp - ES-0505	



CÓPIA NÃO CONTROLADA

## 27.DUPLEX UNIT 3 (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

## 27.DUPLEX UNIT 3 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA04 3444	Timing Belt - S2M 350	1
2	AB03 0474	Pulley - 24T	2
3	AA08 2075	Bushing - M6	2
4	AF02 0510	Exit Transport Roller	1
5	B004 4622	Guide Plate - Right Lower	1
6	AF02 0513	Transport Roller	1
7	B077 4630	Stay:Lower	1
8	B077 4757	Bracket:Sensor:Paper Feed	1
9	AW02 0126	Photointerruptor	1
10	AA04 3443	Timing Belt - S2M 140	1
11	AB03 0671	Gear Pulley - Transport	1
12	B077 4678	Bracket:Stepper Motor	1
13	AB01 1088	Gear - 30Z	1
14	B004 4664	DC Motor - 28W	1
15	AW01 0048	Photosensor - GP2A28N1	1
16	B077 4795	Bracket:Sensor	1
17	AA06 6335	Torsion Spring	1
18	B077 4697	Bracket:Micro Switch:Ass'y	1
19	AA14 3461	Stepped Screw - M2.5	1
20	B077 4790	Link:Duplex	1
21	B077 4796	Stay:Middle	1
22	B082 5462	Harness:Duplex Unit:Sensor	1

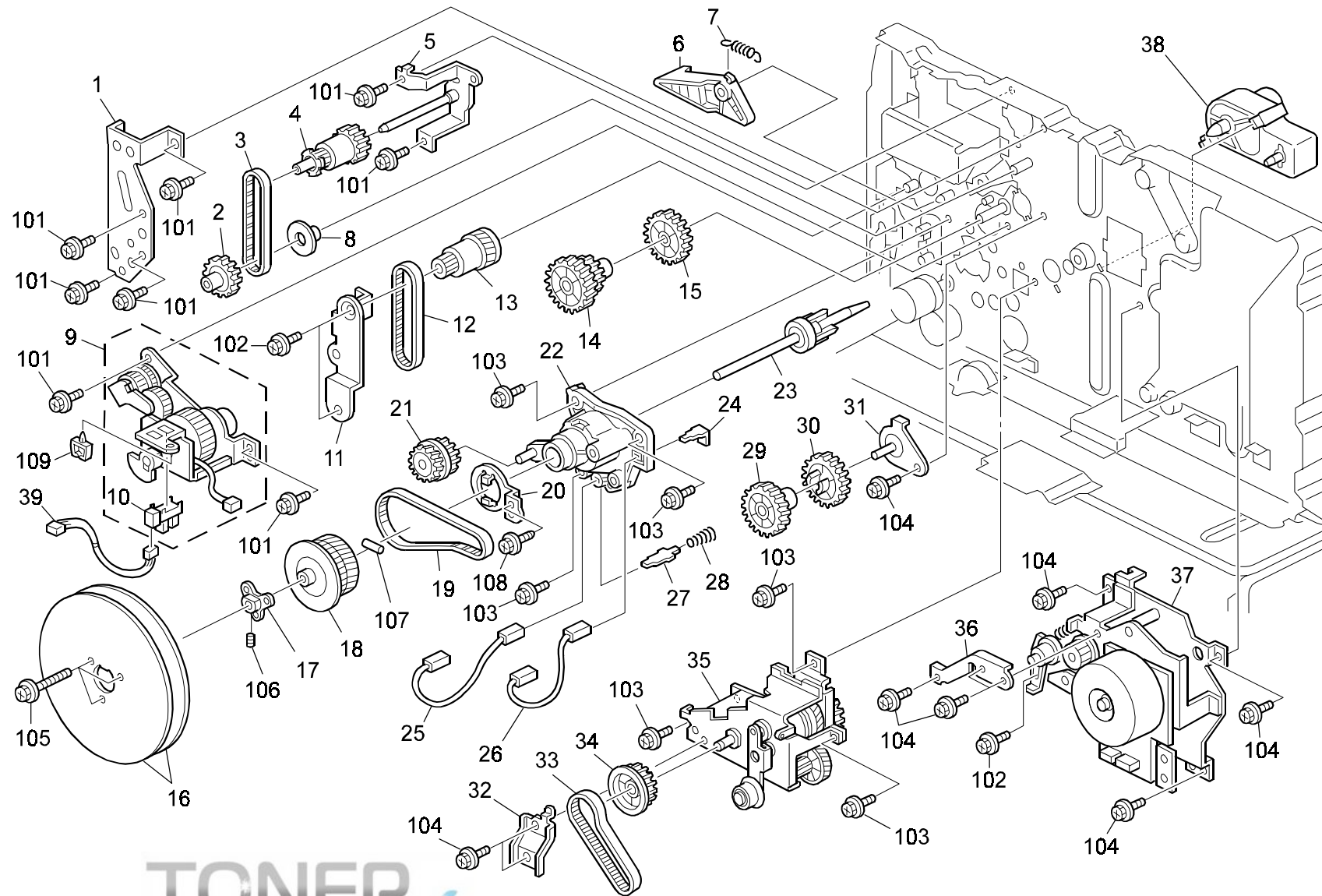
Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 3480	Bushing - 6mm	
102	0451 3006B	Tapping Screw - M3x6	
103	1105 0291	Harness Clamp - LWS-3S	
104	1105 0328	Harness Clamp - ES-0505	
105	0802 5276	Tapping Screw With Washer - M3x6	
106	0720 0040E	Retaining Ring - M4	
107	1105 0283	Clamp	
108	1204 2466	Micro Switch - V-16506-1c25	
109	0313 0060B	Philips Pan Head Screw - M3x6	



CÓPIA NÃO CONTROLADA

## 28.DRIVE SECTION 1 (B135/B138)

CÓPIA NÃO CONTROLADA



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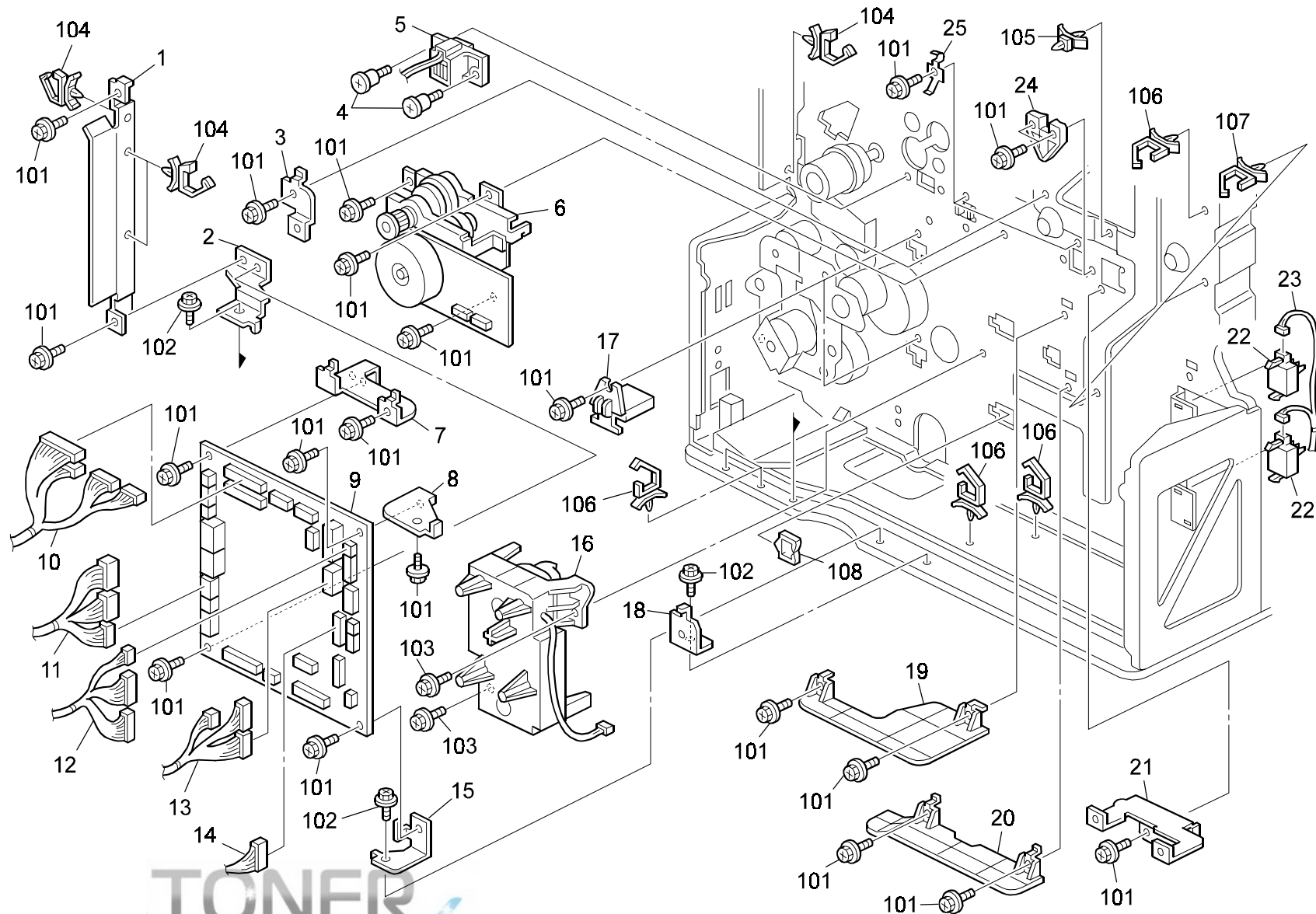
## 28.DRIVE SECTION 1 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 1158	Bracket:Belt:Plate	1
2	AB03 0716	Gear - 32Z/29T	1
3	AA04 3571	Timing Belt - S3M - 180	1
4	AB03 0717	Gear - 30Z/18T	1
5	B077 1156	Bracket:Belt:Positioning:Ass'y	1
6	A232 2372	Lock Lever - Transfer Unit	1
7	AA06 2317	Tension Spring	1
8	G065 1143	Bushing - M34	1
9	AX21 0081	Transfer Unit Clutch	1
10	AW02 0097	Photointerrupter	1
11	B077 1153	Bracket:Transfer Drive:Ass'y	1
12	AA04 3570	Timing Belt - B60S2M240	1
13	AB03 0715	Timing Pulley - Transfer Unit	1
14	AB01 4222	Gear - 33Z/30T	1
15	AB01 4223	Gear - 30Z	1
16	G020 1189	Fly Wheel	2
17	G065 1128	Flange - Fly Wheel	1
18	G065 1122	Timing Pulley - 58Z/79T	1
19	AA04 3553	Timing Belt-B60S2M316	1
20	B077 1135	Bracket:Holder:OPC Drum	1
21	AB03 0714	Timing Pulley - 32Z/52T	1
22	B082 1133	Holder:OPC Drum:Ass'y	1
23	G065 1118	Drum Shaft	1
24	A232 2380	Terminal Plate - Change Roller	1
25	A232 2383	Harness - Development Bias	1
26	A232 2381	Harness - Charge Roller	1
27	A232 2382	Terminal Plate - Development Bias	1
28	AA06 3371	Spring	1
29	AB01 4237	Gear:Fusing Drive Sub-unit:No.1	1
30	AB01 4238	Gear:Fusing Drive Sub-unit:No.2	1
31	B082 1160	Bracket:Fusing Drive Sub-unit:Ass'y	1
32	B077 1140	Supporting Plate:Development:Unit	1
33	AA04 3551	Timing Belt - B50S3M213UG (B135)	1
33	AA04 3569	Timing Belt - B50S3M228 (B138)	1
34	B079 1144	Timing Pulley:Paddle (B135)	1

Index No.	Part No.	Description	Q'ty Per Assembly
34	B082 1144	Timing Pulley:Paddle (B138)	1
35	B082 1142	Development Drive Unit:Ass'y	1
36	B077 1130	Bracket:OPC Drum:Plate	1
37	AX06 0239	Brushless Motor:Main:Ass'y	1
38	AX05 0195	DC Motor:Toner Bottle:Ass'y	1
39	B082 5437	Harness:Sensor:On-off:Connecting	1
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0802 5279	Tapping Screw With Washer - M3x8	
103	0451 3008B	Tapping Screw - M3x8	
104	0451 3006B	Tapping Screw - M3x6	
105	0451 3014B	Tapping Screw - M3-14	
106	0534 0050E	Headless Screw - M4x5	
107	0633 0140G	Parallel Pin - 3x14	
108	0450 3008B	Tapping Screw - M3x8	
109	1105 0511	Harness Clamp - LWS-0306ZC	







## 29.DRIVE SECTION 2 (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 5839	Bracket:Harness:Paper Feed	1
2	B082 5837	Bracket:I/O Board:Right Lower	1
3	B082 1084	Bracket:BICU:Right Lower	1
4	AA14 3432	Stepped Screw - M3	2
5	B082 5453	Harness:DC:Development:Drawer	1
6	AX06 0240	Brushless Motor:DCZ30W:Ass'y	1
7	B082 5836	Bracket:I/O Board:Right Upper	1
8	B082 5832	Bracket:I/O Board:Left Upper	1
9	B082 5155	PCB:IOB	1
10	B082 5468	Harness:DC:Machine Or Copier:Lower	1
11	B082 5426	Harness:Paper Feed:Main	1
12	B082 5469	Harness:DC:Upper Front	1
13	B082 5467	Harness:DC:Upper	1
14	B082 5465	Harness:Paper Feed:Sensor	1
15	B082 5833	Bracket:I/O Board:Left Lower	1
16	AX04 0078	DC Motor - 3W	1
17	A232 2996	Rear Positioning Guide	2
18	B077 1053	Bracket:Stay:Lengthwise:Rear	1
19	B004 1322	Shield Plate - DC Motor	1
20	B004 1321	Shield Plate - BICU	1
21	B082 5871	Bracket:PCB:MLB	1
22	G020 2620	Push Switch - Paper Size	2
23	B082 5455	Harness:Paper Size Sensor	1
24	B004 1939	Holder - Optical Housing Unit	1
25	B004 1936	Plate - Optical Housing Unit	2

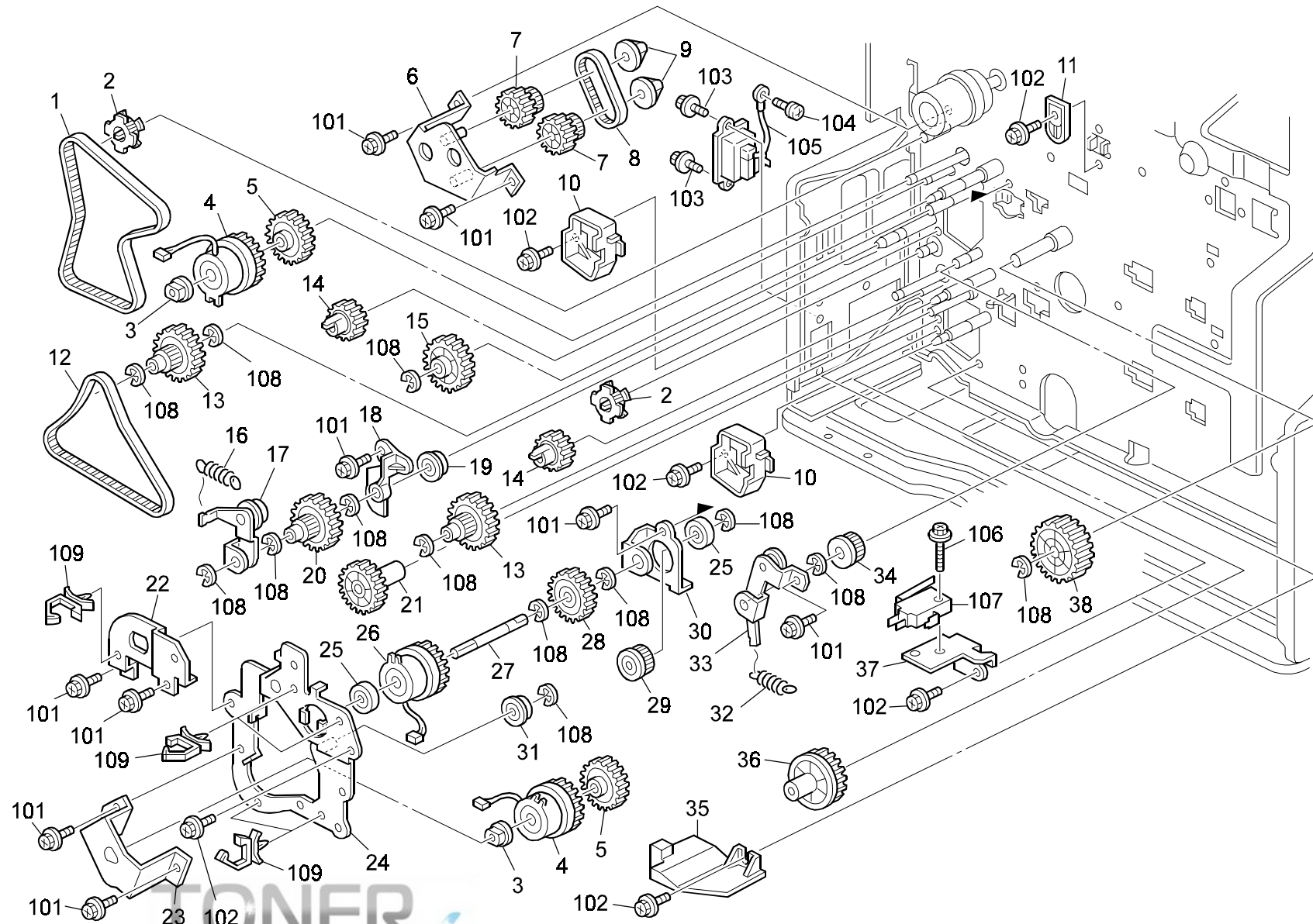


Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0451 3008B	Tapping Screw - M3x8	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0192	Locking Support	
106	1105 0487	Harness Clamp	
107	1105 0488	Harness Clamp	
108	1105 0349	Edge Saddle	

CÓPIA NÃO CONTROLADA

# 30.DRIVE SECTION 3 (B135/B138)

CÓPIA NÃO CONTROLADA



CÓPIA NÃO CONTROLADA

### 30.DRIVE SECTION 3 (B135/B138)

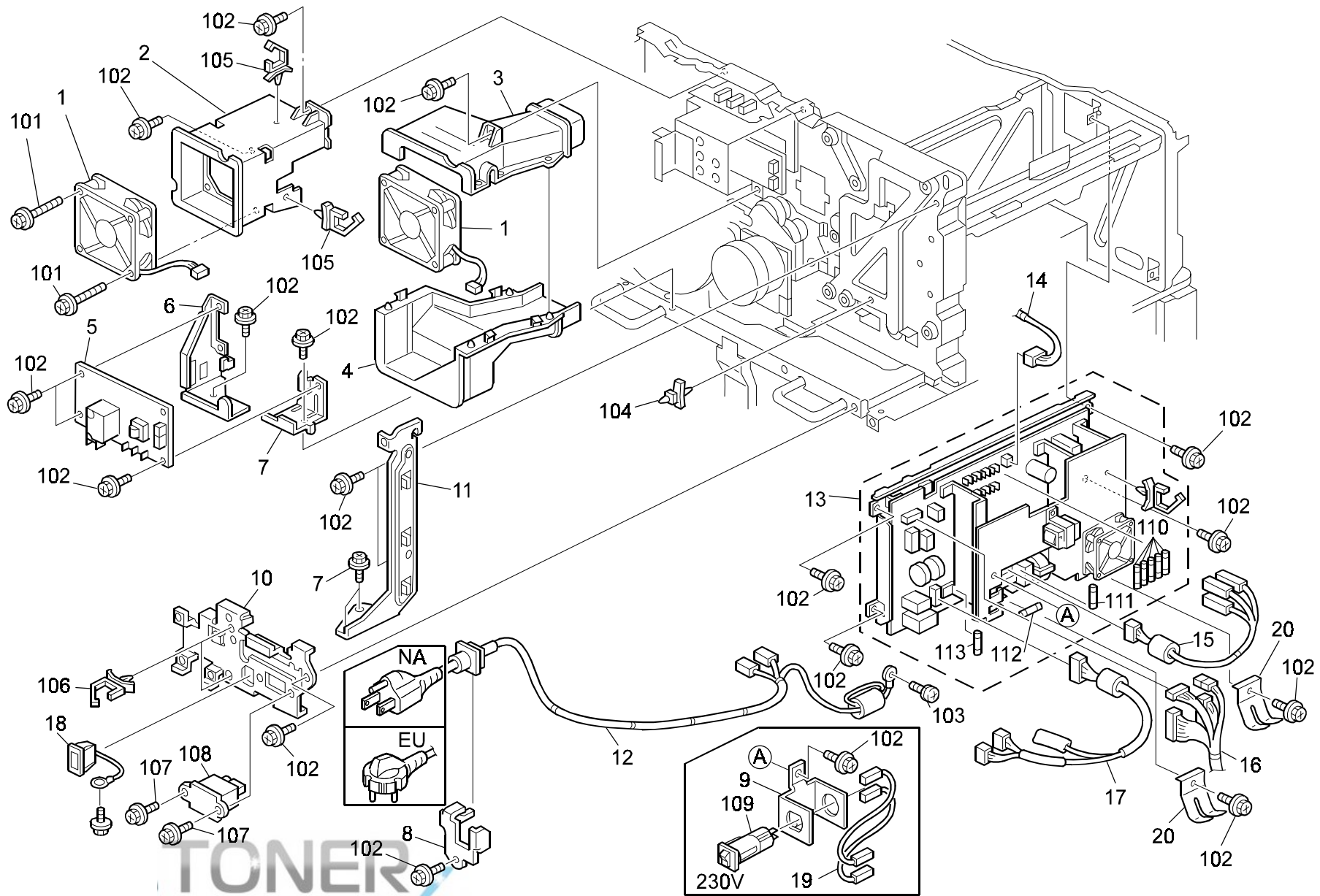
CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA04 3445	Timing Belt - S3M-360	1
2	AB03 0625	Timing Pulley - 20Z	2
3	GA08 0002	Bushing - 6mm	2
4	AX20 0231	Magnetic Clutch - 0.5N M-28Z	2
5	AB01 4219	Gear - 24Z	2
6	B077 1185	Bracket:Timing Pulley	1
7	AB03 0669	Timing Pulley - Registration	2
8	AA04 3554	Timing Belt - B60S3M129	1
9	B004 1167	Flange - 24mm	2
10	A232 2692	Cover - Paper Drive	2
11	B004 1938	Holder - Optical Housing Unit	1
12	AA04 3446	Timing Belt - S3M-312	1
13	AB03 0561	Timing Pulley - 31Z/20T	2
14	AB01 4038	Gear - 22Z	2
15	AB01 4160	Idler Gear-registration	1
16	AA06 0695	Tension Spring	1
17	B077 1170	Tightener:Paper Feed:Ass'y	1
18	B004 1177	Spacer - By-pass Feed	1
19	AB03 0567	Timing Pulley - 18T	1
20	AB03 0562	Timing Pulley - 31Z/20T	1
21	AB01 4039	Gear - 31Z	1
22	B077 1172	Guide Plate:Upper	1
23	B077 1182	Guide Plate:Lower	1
24	B077 1178	Bracket:Protect:Ass'y	1
25	A232 3552	Ball Bearing - 8x22x7	2
26	AX20 0138	Electrical Clutch - Mice-13	1
27	AA14 9515	Gear Shaft	1
28	AB01 4164	Gear - 28T	1
29	AB03 0566	Timing Pulley - 20T	1
30	B077 1174	Bracket:Middle	1
31	B082 1177	Pulley:Mm17	1
32	AA06 0694	Tension Spring	1
33	B077 1175	Tightener:Middle:Ass'y	1
34	AB03 0634	Pulley	1
35	B004 1320	Base Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	AB01 4040	Gear - 29Z	1
37	B077 2882	Bracket:Micro Switch	1
38	AB01 4159	Gear - 49Z	1
101	0802 5279	Tapping Screw With Washer - M3x8	
102	0451 3006B	Tapping Screw - M3x6	
103	0451 3008H	Tapping Screw - M3x8	
104	0801 0149	Philips Pan Head Screw - M4x6	
105	1102 8504	Connector	
106	0451 3014B	Tapping Screw - M3-14	
107	1204 2529	Switch - V-5F912DN	
108	0720 0060E	Retaining Ring - M6	
109	1105 0511	Harness Clamp - LWS-0306ZC	

### 31.ELECTRICAL SECTION 1 (B135/B138)

CÓPIA NÃO CONTROLADA



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### 31.ELECTRICAL SECTION 1 (B135/B138) CÓPIA NÃO CONTROLADA

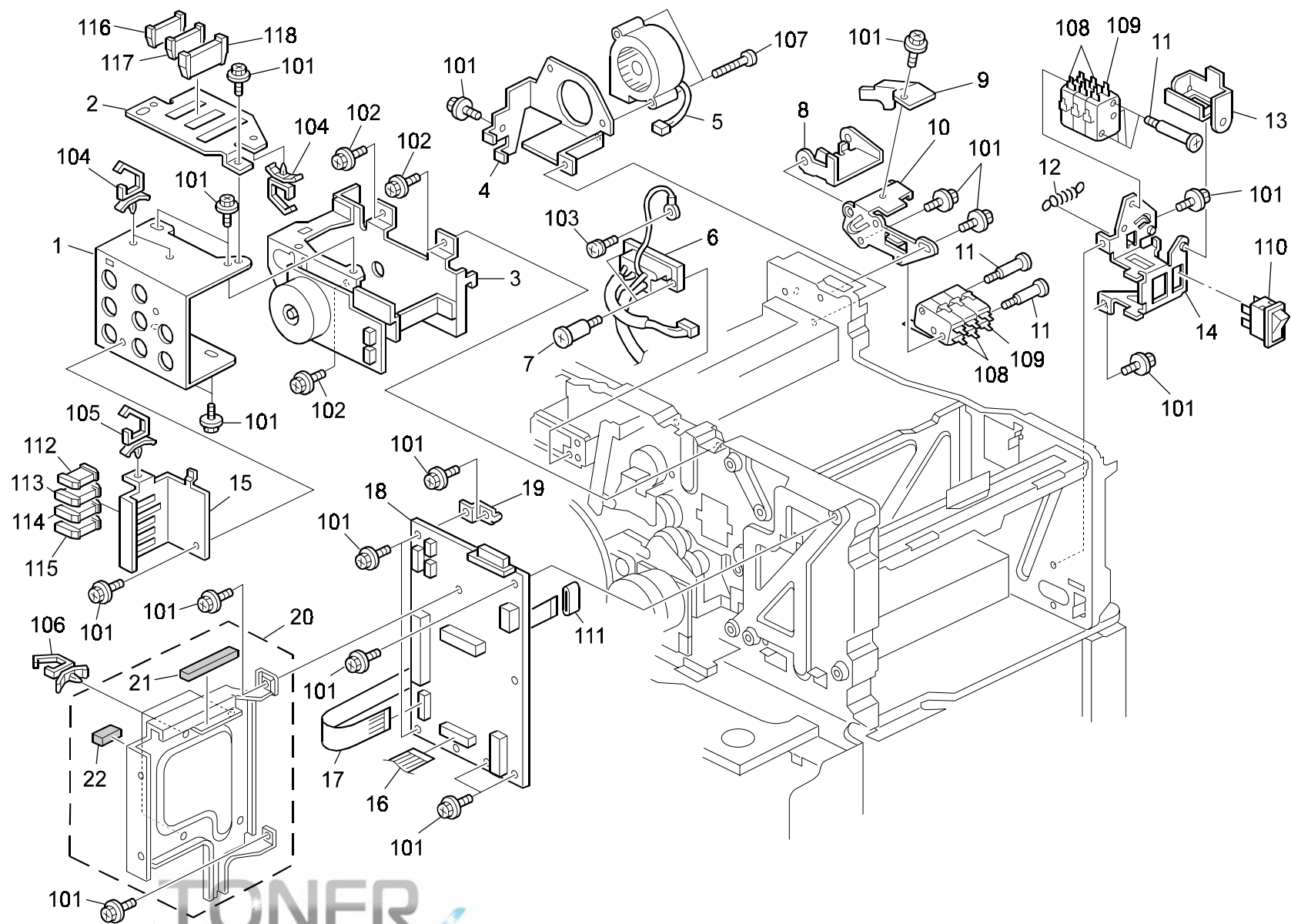
Index No.	Part No.	Description	Q'ty Per Assembly
1	AX64 0113	Fan Motor - 80mm - DC 2.4W	2
2	A232 1172	Duct - Cooling Fan	1
3	G065 1171	Upper Dust	1
4	G065 1170	Lower Dust	1
5	AZ32 0124	Power Pack:CBT	1
6	B077 5812	Bracket:Power Pack:Right	1
7	B077 5811	Bracket:Power Pack:Left	1
8	B077 5898	Bracket:Power Supply Cord	1
9	B077 7757	Bracket:Circuit Breaker	1
10	B082 5897	Bracket:Connector	1
11	B077 1055	Guide Plate:Arm:Scanner Unit	1
12	B082 5601	Power Supply Cord:Stopper:NA:Ass'y	1
12	B004 5528	Power Supply Cord:Stopper:EU:RPL:Ass'y	1
12	A232 5527	Power Supply Cord-230V	1
12	A232 5528	Power Supply Cord - 230V (CHN)	1
13	AZ23 0109	Power Supply Unit:283W:DOM/NA	1
13	AZ23 0110	Power Supply Unit:283W:EU/AA	1
13	AZ23 0111	Power Supply Unit:283W:CHN	1
14	B082 5457	Harness:DC:Safety Switch	1
15	B082 5606	Harness:AC:Switch	1
16	B082 5521	Harness:DC:DC Power Supply	1
17	B004 5611	Harness - Heater	1
18	B004 5470	Outlet:Ground Wire:Ass'y	1
19	A232 7756	Harness - Circuit Breaker	1
20	G034 5820	Spring Plate - Power Supply Unit	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4035B	Philips Tapping Screw - M4x35	
102	0451 3006B	Tapping Screw - M3x6	
103	0801 0149	Philips Pan Head Screw - M4x6	
104	1105 0192	Locking Support	
105	1105 0310	Harness Clamp - LWS-1S	
106	1105 0488	Harness Clamp	
107	0451 3008H	Tapping Screw - M3x8	
108	1102 8502	Connector - 54679-1615	
109	1107 0472	Circuit Breaker - W28XQ1A 8A 25V	
110	1107 0392	Fuse - 6.3A 125V	
110	1107 0753	Fuse (glass Case) - 6.3A - 250V	
111	1107 0652	Fuse (glass Case) - 10A - 125V	
111	1107 0899	Fuse:5A:250V	
112	1107 0629	Fuse (Ceramic Case) - 15A - 125V	
113	1107 0388	Fuse (Glass Case) - 2A - 125V	
113	1107 0745	Fuse - 1A 250V	



CÓPIA NÃO CONTROLADA

## 32.ELECTRICAL SECTION 2 (B135/B138) CÓPIA NÃO CONTROLADA



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## 32.ELECTRICAL SECTION 2 (B135/B138) CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1126	Bracket:Harness	1
2	B082 5864	Bracket:Harness:Joint Unit	1
3	AX06 0241	Brushless Motor:DC13W:Ass'y	1
4	B082 1087	Bracket:Fan:Front	1
5	AX64 0142	Fan:Sirocco:DC24V:3350Rpm	1
6	B004 5609	Main Harness - Fusing Unit (NA)	1
6	B004 5608	Main Harness - Fusing Unit (EU)	1
7	AA14 3301	Stepped Screw - M3x4	2
8	B077 5861	Lever:Safety Switch	1
9	B077 5862	Cover:Lever	1
10	B077 5860	Bracket:Safety Switch	1
11	AA14 3512	Stepped Screw - M2.5	4
12	AA06 0713	Tension Spring	1
13	B077 5865	Lever:Safety Switch:Front	1
14	B077 5866	Bracket:Safety Switch	1
15	B077 5825	Bracket:Connector:Harness	1
16	B082 5425	Harness:BICU:IOB	1
17	B082 5291	Harness:Laser Diode Control	1
18	B138 5065	PCB:BICU:Ass'y	1
19	B082 1083	Bracket:Bicu:Right Upper	1
20	B082 5881	Bracket:Rack:Application	1
21	G065 5841	Gasket:Bracket:I/O Control Board	1
22	B082 5878	Gasket:Bracket:Rack	1

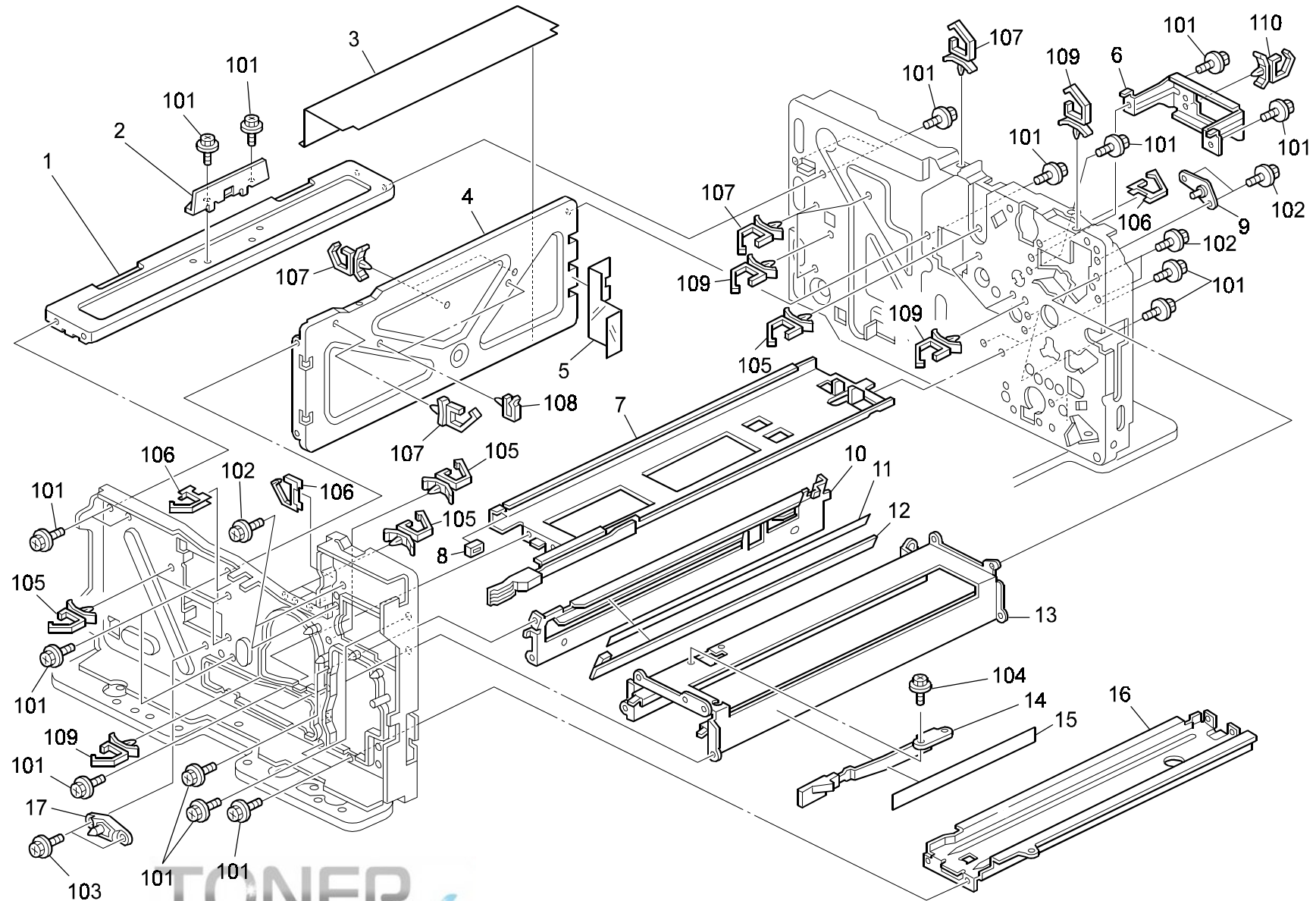
Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0801 0149	Philips Pan Head Screw - M4x6	
104	1105 0487	Harness Clamp	
105	1105 0516	Clamp	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	0453 4030B	Binding Self Tapping Screw:4x30	
108	1204 2521	Micro Switch	
109	1204 2529	Switch - V-5F912DN	
110	1204 2608	Rocker Switch:SDDJE33900	
111	1607 0747	FPC Core - FPC-25-12	
112	1102 6246	Relay Connector - 4P	
113	1102 6263	Connector - 6P	
114	1102 6260	Relay Connector - 3P	
115	1102 6245	Relay Connector - 2P	
116	1102 6943	Relay Connector -10p	
117	1102 6266	Relay Connector - 9P	
118	1102 6256	Relay Connector - 13P	



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### 33.FRAME SECTION 1 (B135/B138)

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### 33.FRAME SECTION 1 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B077 1066	Stay:Paper Exit Sub-unit:Left	1
2	B077 1067	Bracket:Plate:Joint Unit	1
3	A232 1089	Upper Plate - Laser Unit	1
4	B077 1069	Frame:Middle	1
5	AA15 0684	Shield Plate	1
6	B077 1054	Bracket:Connector:Fusing	1
7	B077 3210	Guide:Toner Supply Unit:Ass'y	1
8	A232 3264	Stopper - Slide Rail	1
9	B077 1051	Bracket:Shaft:Stopper:Ass'y	1
10	B082 2362	Stay:Around The Photoconductor	1
11	B082 2363	Magnet - Discharge Lamp	1
12	AX50 0046	Quenching Lamp	1
13	B077 1071	Supporter:Fusing Unit:Welding	1
14	A232 4201	Stopper - Fusing Unit	1
15	B004 4122	Decal - Warning	1
16	B077 1078	Supporter:Development Unit	1
17	A232 1937	Positioning Pin - Laser Unit Ass'y	1

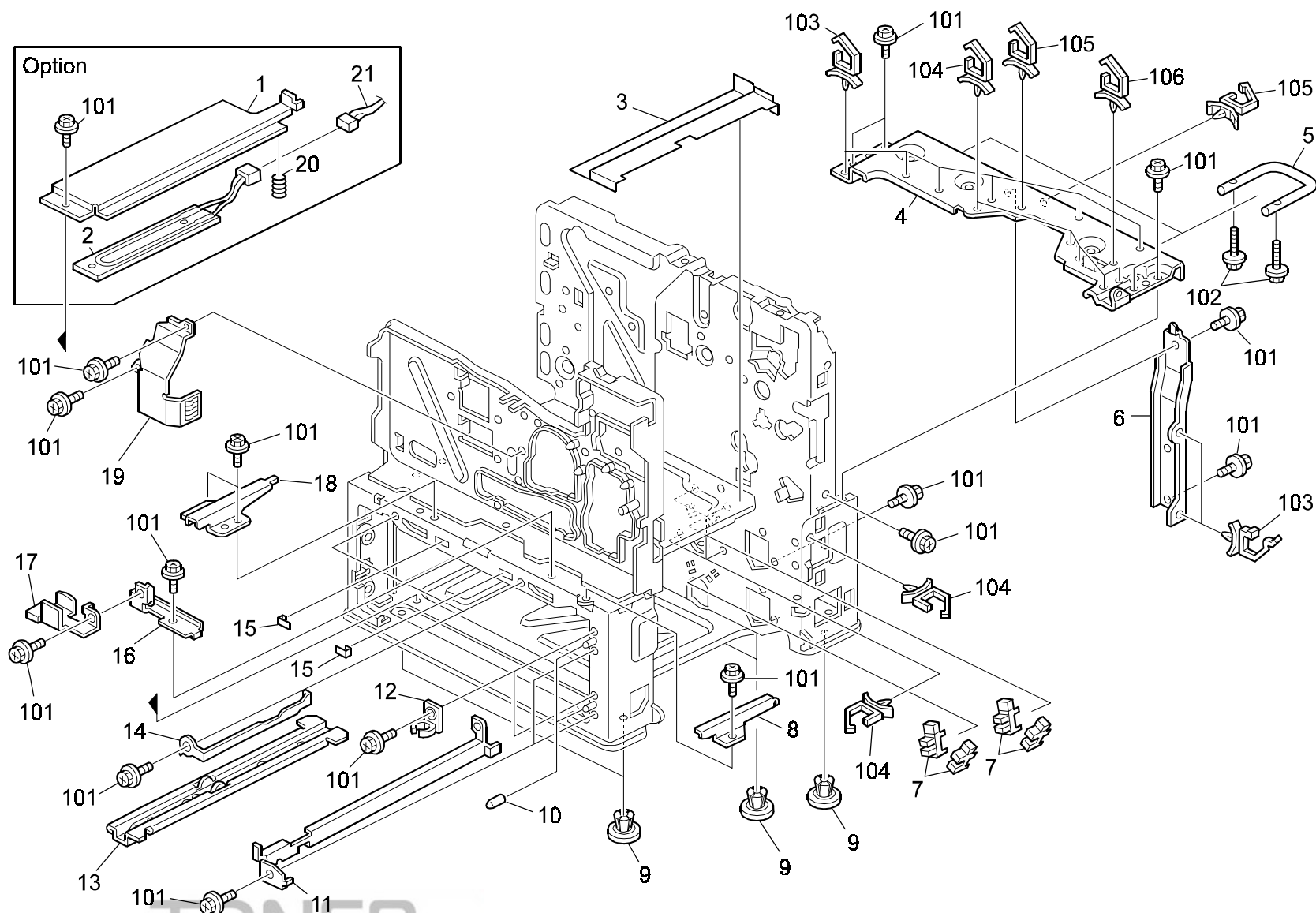


Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0802 5276	Tapping Screw With Washer - M3x6	
103	0451 3008B	Tapping Screw - M3x8	
104	0451 3005W	Tapping Screw - 3x5	
105	1105 0516	Clamp	
106	1105 0522	Edge Saddle - Les0510	
107	1105 0487	Harness Clamp	
108	1105 0267	Harness Clamp - YMC-10-0	
109	1105 0511	Harness Clamp - LWS-0306ZC	
110	1105 0508	Harness Clamp - LWS-0711	

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## 34.FRAME SECTION 2 (B135/B138)

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### 34.FRAME SECTION 2 (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
1	A230 2520	Heat Sink - Heater	1
2	AX40 0137	Heater - 120V 9W	1
2	AX40 0138	Heater - 230V 9W	1
3	B004 2597	Sheet - Separation Plate	1
4	B082 1076	Stay:Machine Or Copier:Rear	1
5	B004 1091	Grip:Rear	2
6	B004 1093	Rear Stay	1
7	AW02 0120	Photointerruptor - Flat	4
8	B077 1267	Bracket:Hinge:Right	1
9	AH01 0009	Rubber Pad - H5	4
10	B004 2995	Cap - Positioning	1
11	B077 2990	Supporter:Paper Tray:Ass'y	2
12	A232 2995	Front Positioning Guide	2
13	B077 1021	Grip:Adhesion	1
14	B077 1023	Stopper:Grip	2
15	A230 2688	Film - Stay - Upper Front	2
16	B077 1082	Base:Fix:Development	1
17	B082 1081	Bracket:Fix:Development	1
18	B077 1266	Bracket:Hinge:Left	1
19	B077 1968	Shading Plate:Ass'y	1
20	A230 2525	Heater Stopper	1
21	B004 5611	Harness - Heater	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0451 4016B	Tapping Screw - M4-16	
103	1105 0488	Harness Clamp	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0489	Harness Clamp - LWS 1316	
106	1105 0516	Clamp	



CÓPIA NÃO CONTROLADA



**35.EXPANSION BOX (B135/B138)**

CÓPIA NÃO CONTROLADA

Rev. 07/15/2003

Index No.	Part No.	Description	Q'ty Per Assembly
1	B082 5194	PCB:Mother Board	1
2	B077 5856	Supporter:Control Board	1
3	B138 5101	PCB:Main:35:Sub-ass'y	1
3	B1385102	PCB:Main:45:Sub-ass'y	1
4	B077 5871	Rack:Application:Ass'y	1
5	B077 5876	Stay:Rack	1
6	B004 5887	Cushion: Panel: Rack	2
7	B082 5886	Panel:Rack	1
8	A285 5842	Gasket - Rack	1
9	B082 5855	Cover:Connector:Centronics	1
10	B082 5856	Cover:Gwphy	1
11	G065 5893	Card Cover	1
12	B082 5850	Bracket:Control Board:Ass'y	1
13	B004 5853	Bracket Grip	1
14	G065 5858	Option Cover	1
15	B082 5476	Harness:HDD:Power Source	1
16	B082 5475	Harness:HDD	1
17	B514 5960	HDD:ATA:ST320014A	1
18	B082 5891	Bracket:HDD	1
19	AA16 1125	Rubber Cushion	4
20	AA14 3499	Stepped Screw	4
21	B082 5892	Spring Plate:HDD	1
22	B004 9099	NV RAM	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0353 0080Z	Philips Trass Head Screw - M3x8	



CÓPIA NÃO CONTROLADA

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C101	150	C111	177	C121	180	C131	175	C141	148	C151	177	C161	179
C102	151	C112	180	C122	179	C132	175	C142	179	C152	179	C162	179
C103	149	C113	178	C123	179	C133	175	C143	148	C153	179	C163	179
C104	149	C114	180	C124	179	C134	175	C144	175	C154	179	C164	179
C105	179	C115	177	C125	175	C135	175	C145	148	C155	179	C165	179
C106	179	C116	178	C126	180	C136	175	C146	148	C156	179	C166	179
C107	177	C117	177	C127	175	C137	175	C147	175	C157	179	C167	179
C108	151	C118	179	C128	175	C138	179	C148	175	C158	179	C168	179
C109	177	C119	180	C129	175	C139	175	C149	179	C159	179	C169	179
C110	179	C120	179	C130	175	C140	175	C150	179	C160	179	C170	148

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C171	179	C181	179	C191	179	C201	179	C211	179	C221	180	CN201	103
C172	179	C182	176	C192	179	C202	179	C212	179	C222	177	CN202	119
C173	148	C183	179	C193	179	C203	179	C213	179	C223	179	CN203	106
C174	148	C184	179	C194	179	C204	179	C214	179	C224	179	CN204	117
C175	179	C185	179	C195	180	C205	179	C215	179	C225	179	CN205	118
C176	179	C186	179	C196	179	C206	179	C216	179	C226	179	CN206	121
C177	148	C187	176	C197	179	C207	179	C217	179			CN207	104
C178	179	C188	179	C198	179	C208	179	C218	179			CN208	108
C179	179	C189	179	C199	179	C209	178	C219	179			CN209	107
C180	179	C190	179	C200	179	C210	180	C220	179			CN210	101

## CONNECTOR



## CONNECTOR

SYMBOL NO.	INDEX NO.
CN211	111
CN212	102
CN213	114
CN214	106
CN215	110
CN216	120
CN217	116
CN218	115
CN219	103
CN220	112

## CONNECTOR

SYMBOL NO.	INDEX NO.
CN221	110
CN222	113
CN223	109
CN224	116
CN225	115
CN226	105
---	---
---	---
CN299	111

SYMBOL NO.	INDEX NO.
D101	128
D102	128
D103	128
D104	128
D105	128
D106	128
D107	128
D108	128
D109	128
D110	128

SYMBOL NO.	INDEX NO.
D111	128
D112	128

## DA

SYMBOL NO.	INDEX NO.
DA101	127
DA102	127
DA103	129
DA104	129
DA105	129

## IC

SYMBOL NO.	INDEX NO.
IC101	136
IC102	136
IC103	134
IC104	1
IC105	134
IC106	135
IC107	136
IC108	142
IC109	140
IC110	142

SYMBOL NO.	INDEX NO.
IC111	139
IC112	138
IC113	136
IC114	141
IC115	141

## OSC

SYMBOL NO.	INDEX NO.
OSC101	143

## Q

SYMBOL NO.	INDEX NO.
Q101	123
Q102	125
Q103	123
Q104	123
Q105	137
Q106	137
Q107	137
Q108	137
Q109	133
Q110	124

SYMBOL NO.	INDEX NO.
Q111	126

## RESISTOR

SYMBOL NO.	INDEX NO.
R101	152
R102	152
R103	152
R104	152
R105	152
R106	152
R107	152
R108	152
R109	154
R110	156

SYMBOL NO.	INDEX NO.
R111	161
R112	155
R113	153
R114	155
R115	156
R116	155
R117	155
R118	156
R119	155
R120	158

SYMBOL NO.	INDEX NO.
R121	165
R122	161
R123	153
R124	156
R125	156
R126	156
R127	159
R128	164
R129	156
R130	155

SYMBOL NO.	INDEX NO.
R131	156
R132	155
R133	161
R134	163
R135	155
R136	163
R137	163
R138	162
R139	144
R140	144



## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R141	155	R151	153	R161	168	R171	163	R181	156	R191	163	R201	164
R142	160	R152	156	R162	172	R172	159	R182	156	R192	167	R202	161
R143	161	R153	156	R163	155	R173	163	R183	155	R193	170	R203	159
R144	169	R154	155	R164	163	R174	164	R184	155	R194	171	R204	163
R145	161	R155	158	R165	162	R175	162	R185	155	R195	170	R205	155
R146	168	R156	155	R166	156	R176	163	R186	155	R196	163	R206	161
R147	166	R157	169	R167	155	R177	161	R187	156	R197	171	R207	169
R148	168	R158	163	R168	155	R178	155	R188	155	R198	170	R208	173
R149	174	R159	172	R169	156	R179	155	R189	156	R199	170	R209	168
R150	152	R160	168	R170	164	R180	155	R190	155	R200	155	R210	168

## RESISTOR

SYMBOL NO.	INDEX NO.
R211	160
R212	155
R213	155
R214	155
R215	162
R216	163
R217	155
R218	163
R219	162
R220	155

## RN

SYMBOL NO.	INDEX NO.
R221	155
R222	155
R223	156
R224	155
R225	156
R226	157
R227	163
R228	155

SYMBOL NO.	INDEX NO.
RN101	145
RN102	145
RN103	146
RN104	146
RN105	145
RN106	146
RN107	146
RN108	145
RN109	146
RN110	145

SYMBOL NO.	INDEX NO.
RN111	146
RN112	145
RN113	147
RN114	147
RN115	147
RN116	145
RN117	147
RN118	145
RN119	145
RN120	147

SYMBOL NO.	INDEX NO.
RN121	147
RN122	145
RN123	145
RN124	147
RN125	147
RN126	145
RN127	145
RN128	147
RN129	147
RN130	145

SYMBOL NO.	INDEX NO.
RN131	147
RN132	145
RN133	145
RN134	145
RN135	145
RN136	145
RN137	147
RN138	145
RN139	147
RN140	147

SYMBOL NO.	INDEX NO.
RN141	145

## SW

SYMBOL NO.	INDEX NO.
SW101	122



## 36.IOB BOARD (B135/B138)

CÓPIA NÃO CONTROLADA

### TH

SYMBOL NO.	INDEX NO.
TH101	132

### CONNECTOR

SYMBOL NO.	INDEX NO.
ZD101	130
ZD102	131
ZD103	131
ZD104	131
ZD105	131
ZD106	131



### 36.IOB BOARD (B135/B138)

CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
* 1	B082 5155 A232 5355	PCB:IOB IC - GATEX	1 1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 3822	Connector - 20P	
102	1102 5306	Connector - 7P	
103	1102 6295	Connector - 2P	
104	1102 6297	Connector - 4P	
105	1102 6301	Connector - 8P	
106	1102 6302	Connector - 9P	
107	1102 6303	Connector - 10P	
108	1102 6305	Connector - 12P	
109	1102 6308	Connector - 15P	
110	1102 6309	Connector - 2P	
111	1102 6311	Connector - 4P	
112	1102 6316	Connector - 9P	
113	1102 6321	Connector	
114	1102 6394	Connector - 12P	
115	1102 6396	Connector - 1P	
116	1102 6397	Box Header	
117	1102 6398	Connector - 2P	
118	1102 6401	Connector - 26P	
119	1102 6402	Connector - 2P	
120	1102 7244	Connector	
121	1102 7389	Connector - FH12-50S-0.5SV	
122	1204 1537	DIP Switch	
123	1400 0767	Transistor:DTA114EUA	
124	1400 0775	Transistor - 2SC4081	
125	1400 0810	Transistor:DTC114EUA	
126	1400 0902	Transistor - DTA113ZUA	
127	1402 1322	Diode Array - DAN202U	
128	1402 1336	Diode - 1SS355	
129	1402 1584	Diode - DAN217U	
130	1402 1662	Diode:PTZ6.2b	
131	1402 1663	Diode - ZTP12B	
132	1404 0360	Thermistor - 103HT	
133	1407 1535	IC - TD62308AP	
134	1407 1596	TTLIC - SN74LS14NS	
135	1407 1880	TTLIC - SN74LS04NS	



CÓPIA NÃO CONTROLADA

## CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 2187	TTLIC - SN74LS07NS	
137	1407 2219	IC - TD62003AP	
138	1407 5344	IC - SN74LV02APW	
139	1407 5594	IC:CD4066BPW	
140	1408 0877	Comparator - LM339NS	
141	1408 1095	IC - BA10324AF	
142	1408 1204	IC - TA8083P	
143	1503 0946	Crystal Oscillator - 9.8304Mhz	
144	1600 1340	Resistor:330Ω:±5%:1W	
145	1601 7752	Resistor Array - 10K Ω ±5%	
146	1601 7760	Resistor Array	
147	1601 7791	Resistor Array - 1K Ω ±5%	
148	1605 1124	Capacitor - 4.7μF+80 -20% 10V	
149	1640 2470	Capacitor - 47μF±20% 25V	
150	1640 2471	Capacitor - 470μF±20% 25V	
151	1640 5101	Capacitor - 100μF±20% 50V	
152	1650 2221	Resistor:220Ω:±5%:1/4W	
153	1650 4100	Resistor - 10Ω ±5% 1/10W	
154	1650 4101	Resistor - 100Ω±5% 1/10W	
155	1650 4102	Resistor - 1KΩ ±5% 1/10W	
156	1650 4103	Resistor - 10KΩ ±5% 1/10W	
157	1650 4104	Resistor - 100KΩ±5% 1/10W	
158	1650 4105	Resistor - 1MΩ ±5% 1/10W	
159	1650 4161	Resistor - 160Ω ±5% 1/10W	
160	1650 4204	Resistor - 200KΩ±5% 1/10W	
161	1650 4222	Resistor - 2.2KΩ±5% 1/10W	
162	1650 4223	Resistor - 22KΩ±5% 1/10W	
163	1650 4472	Resistor - 4.7KΩ ±5% 1/10W	
164	1650 4562	Resistor - 5.6KΩ ±5% 1/10W	
165	1650 4681	Resistor - 680Ω ±5% 1/10W	
166	1652 1000	Chip Resistor:100Ω:±1%:1/4W	
167	1654 1002	Resistor - 10KΩ±5% 1/10W	
168	1654 1003	Resistor - 100KΩ±1% 1/10W	
169	1654 1403	Resistor:140kΩ:±1%:1/10W	
170	1654 2002	Resistor - 20KΩ±1% 1/10W	

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Index No.	Part No.	Description	Q'ty Per Assembly
171	1654 2401	Resistor - 2.4KΩ ±1% 1/10W	
172	1654 2402	Chip Resistor:24kΩ:±1%:1/10W	
173	1654 4641	Resistor:4.64kΩ:±1%:1/10W	
174	1654 5621	Resistor:5.62kΩ:±1%:1/10W	
175	1660 2101	Capacitor - 100pF - ±10% - 50V	
176	1660 2270	Capacitor - 27pF ±20% 35V	
177	1660 2471	Capacitor - 470pF - ±5% - 50V	
178	1660 4472	Capacitor - 4700pF±10% 50V	
179	1660 6103	Capacitor - 10000pF - +80%-20%50V	
180	1660 8104	Capacitor - 0.1μF+80-20% 25V	

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## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C111	159	C121	187	C131	182	C141	182	C151	187	C161	182
C102	190	C112	190	C122	181	C132	182	C142	182	C152	186	C162	182
C103	190	C113	153	C123	181	C133	182	C143	182	C153	186	C163	157
C104	186	C114	152	C124	186	C134	190	C144	182	C154	190	C164	182
C105	187	C115	190	C125	190	C135	182	C145	187	C155	186	C165	182
C106	182	C116	159	C126	159	C136	182	C146	187	C156	190	C166	182
C107	190	C117	154	C127	159	C137	182	C147	190	C157	182	C167	157
C108	186	C118	190	C128	182	C138	182	C148	190	C158	182	C168	188
C109	190	C119	190	C129	182	C139	182	C149	186	C159	186	C169	186
C110	154	C120	190	C130	190	C140	189	C150	190	C160	186	C170	182

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C171	157	C181	182	C191	186	C201	190	C211	186	C221	184	C231	190
C172	190	C182	190	C192	186	C202	155	C212	190	C222	190	C232	186
C173	186	C183	182	C193	190	C203	186	C213	190	C223	186	C233	186
C174	156	C184	186	C194	190	C204	155	C214	189	C224	186	C234	186
C175	190	C185	190	C195	186	C205	186	C215	190	C225	183	C235	186
C176	186	C186	186	C196	190	---	---	C216	186	C226	190	C236	182
C177	182	C187	190	C197	190	C207	190	C217	186	C227	186	C237	182
C178	157	C188	190	C198	187	C208	186	C218	185	C228	186	C238	182
C179	186	C189	190	C199	186	C209	190	C219	190	C229	190	C239	182
C180	182	C190	190	C200	190	C210	186	C220	186	C230	190	C240	182

## CAPACITOR

SYMBOL NO.	INDEX NO.
C241	186
C242	182
C243	182
C244	190
C245	182
C246	182
C247	182
C248	190
C249	182
C250	190

## CONNECTOR

SYMBOL NO.	INDEX NO.
CN301	106
CN302	110
CN303	109
---	---
CN305	108
---	---
CN307	107
CN308	107
---	---
CN310	102
---	---

SYMBOL NO.	INDEX NO.
CN312	104
CN313	103
CN314	105
CN315	111

## DIODE

SYMBOL NO.	INDEX NO.
D101	114
D102	114

## IC

SYMBOL NO.	INDEX NO.
IC101	133
IC102	127
IC103	125
IC104	127
IC105	128
IC106	128
IC107	3
IC108	130
IC109	126
IC110	132

## FUSE

SYMBOL NO.	INDEX NO.
IC111	129
IC112	131
IC113	2
IC114	191
IC115	131
IC116	124
IC117	123
IC118	1
IC119	135
IC120	126

SYMBOL NO.	INDEX NO.
IC121	120
IC122	137
IC123	121
IC124	122
IC125	134

## JP

SYMBOL NO.	INDEX NO.
JP102	158

## LED

SYMBOL NO.	INDEX NO.
LED101	118
LED102	117
LED103	119

## OSC

SYMBOL NO.	INDEX NO.
OSC101	141
OSC102	140
OSC103	139

## Q

SYMBOL NO.	INDEX NO.
Q101	113
---	---
Q103	113
Q104	113
Q105	112
Q106	113
Q107	113

## RESISTOR

SYMBOL NO.	INDEX NO.
R101	162
R102	178
R103	178
R104	174
R105	162
R106	162
R107	161
R108	161
R109	161
R110	161

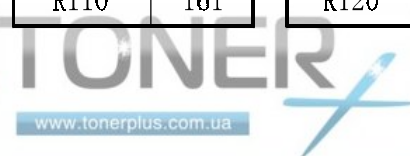
SYMBOL NO.	INDEX NO.
R111	174
R112	174
R113	170
R114	170
R115	163
R116	174
---	---
R118	163
R119	175
R120	175

SYMBOL NO.	INDEX NO.
R121	162
R122	174
R123	168
R124	162
R125	173
R126	163
R127	162
R128	162
R129	162
R130	162

SYMBOL NO.	INDEX NO.
R131	165
R132	175
R133	162
R134	170
R135	162
R136	163
R137	163
R138	162
R139	163
R140	163

SYMBOL NO.	INDEX NO.
R141	163
R142	163
R143	163
R144	162
R145	162
R146	174
R147	168
R148	164
R149	164
R150	164

SYMBOL NO.	INDEX NO.
R151	164
R152	162
R153	160
R154	176
R155	172
R156	163
R157	172
R158	174
R159	175
R160	176



## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R161	162	R171	177	R181	162	R191	168	R201	162	R210	175	R220	162
R162	162	R172	162	R182	162	R192	162	R202	163	R211	170	R221	169
R163	163	R173	180	R183	162	R193	162	R203	175	R212	170	R222	174
R164	160	R174	179	R184	162	R194	163	R204	175	R213	166	R223	162
R165	162	R175	163	R185	163	R195	164	R205	162	R214	171	R224	162
R166	162	R176	174	R186	164	R196	163	R206	175	R215	170	R225	168
R167	163	R177	162	R187	175	R197	162	R206	162	R216	163	R226	162
R168	163	R178	162	R188	162	R198	162	R207	162	R217	170	R227	163
R169	170	R179	163	R189	163	R199	168	---	---	R218	174	R228	162
R170	167	R180	162	R190	173	R200	162	R209	174	R219	162	R229	163

## RESISTOR

## RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R230	162	RN101	145	RN111	145	RN121	144	RN131	145	RN141	144	RN151	149
R231	170	RN102	144	RN112	145	RN122	144	RN132	145	RN142	145	RN152	145
R232	161	RN103	142	RN113	145	RN123	144	RN133	145	RN143	145	RN153	149
		RN104	145	RN114	145	RN124	144	RN134	145	RN144	145	RN154	145
		RN105	144	RN115	145	RN125	148	RN135	145	RN145	144	RN155	149
		RN106	144	RN116	147	RN126	145	RN136	145	RN146	144	RN156	145
		RN107	144	RN117	145	RN127	144	RN137	145	RN147	144	RN157	144
		RN108	144	RN118	144	RN128	144	RN138	144	RN148	145	RN158	145
		RN109	144	RN119	144	RN129	145	RN139	147	RN149	145	RN159	144
		RN110	145	RN120	147	RN130	145	RN140	144	RN150	144	RN160	149

## REG

SYMBOL NO.	INDEX NO.
REG101	136
REG102	138
REG103	136



## RN

SYMBOL NO.	INDEX NO.
RN161	145
RN162	145
RN163	149
RN164	145
RN165	145
RN166	145
RN167	145
RN168	145
RN169	145
RN170	149

SYMBOL NO.	INDEX NO.
RN171	149
RN172	149
RN173	149
RN174	149
RN175	149
RN176	145
RN177	145
RN178	145
RN179	145
RN180	143

SYMBOL NO.	INDEX NO.
RN181	145
RN182	143
RN183	145
RN184	143
RN185	145
RN186	143
RN187	144
RN188	144
RN189	144
RN190	144

SYMBOL NO.	INDEX NO.
RN191	144
RN192	145
RN193	151
RN194	144
RN195	145
RN196	145
RN197	145
RN198	144
RN199	145
RN200	146

SYMBOL NO.	INDEX NO.
RN201	144
RN202	144
RN203	144
RN204	145
RN205	150

## ZD

SYMBOL NO.	INDEX NO.
ZD101	115
ZD102	116
ZD103	116



### 37.BICU BOARD (B135/B138)

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Index No.	Part No.	Description	Q'ty Per Assembly
*	B082 5065	PCB:BICU:Ass'y	1
1	B004 5120	IC - HG71C114FL	1
2	B082 5130	IC:CDICA:RL5C481A	1
3	B082 5136	IC:RI1001:230MHZ	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1005 0967	Heatsink	
102	1102 4204	CT Header - 5P	
103	1102 5305	Connector - 6P	
104	1102 6297	Connector - 4P	
105	1102 6303	Connector - 10P	
106	1102 6595	Connector - 11P	
107	1102 7389	Connector - FH12-50S-0.5SV	
108	1102 7729	Connector - DX10G1M-50SE	
109	1102 8243	Connector - FH12-33S-0.5SV	
110	1102 8272	Connector - TX25-100P-12ST-H1	
111	1102 8357	Connector - 52777-0809	
112	1400 0775	Transistor - 2SC4081	
113	1400 0810	Transistor:DTC114EUA	
114	1402 1336	Diode - 1SS355	
115	1402 1647	Diode - UDZS3.6B	
116	1402 1662	Diode:PTZ6.2B	
117	1403 0907	Diode - SML-310LT	
118	1403 0953	LED - SML-310MT	
119	1403 0978	LED - SML-310DT	
120	1407 1596	TTLIC - SN74LS14NS	
121	1407 2187	TTLIC - SN74LS07NS	
122	1407 2218	TTLIC - SN74LS06NS	
123	1407 4771	IC - MC68334GFC16	
124	1407 5078	Flash Memory - MBM29F800BA-70pFTN	
125	1407 5090	IC - DS90CF364MTD	
126	1407 5346	IC - SN74LS74ANS	
127	1407 5351	IC - SN74LV14APW	
128	1407 5353	IC - SN74LV244APW	
129	1407 5376	IC - SN74LV32APW	
130	1407 5435	IC - SN74AHC1G04HDCK	
131	1407 5469	IC - SN74LV07APW	
132	1407 5567	IC:SN74IVCC3245APW	
133	1407 5713	IC:SN74IV06APW	
134	1407 5793	Clock Generator:HD151TS304RP	
135	1408 1486	IC:PST9330U	



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## CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
136	1408 1555	Regulator - L1087MP-3.3	
137	1408 1730	IC - MM1096BF	
138	1408 1794	Series Regulator:LM1085IT-ADJ	
139	1503 0460	Oscillator - 32.768KHZ	
140	1503 1004	Oscillator - 19.6608Mhz	
141	1503 1106	Crystal Oscilator:40.97Mhz	
142	1601 7877	Resistor Array 4.7k $\Omega$ $\pm$ 5% 1/32W	
143	1601 7886	Resistor Array 3.3k $\Omega$ $\pm$ 5% 1/32W	
144	1601 7887	Resistor Array - 10K $\Omega$ $\pm$ 5% 1/32W	
145	1601 7896	Resistor Array - 56 $\Omega$ $\pm$ 5% 1/32W	
146	1601 7959	Resistor	
147	1601 7960	Resistor Array - 100 $\Omega$ $\pm$ 5% 1/16W	
148	1601 7961	Resistor Array:120 $\Omega$ : $\pm$ 5%:1/16W	
149	1601 7981	Resistor Array - 100K $\Omega$ $\pm$ 5%1/16W	
150	1601 7983	Resistor Array:2.2k $\Omega$ : $\pm$ 5%:1/16W	
151	1601 7996	Resistor Array:1.2k $\Omega$ : $\pm$ 5%:1/16W	
152	1604 4942	Capacitor - 33UF $\pm$ 20%	
153	1604 5147	Capacitor:330uf: $\pm$ 20%:6.3V	
154	1605 1160	Capacitor:0.22uf:+80-20%:16V	
155	1605 1167	Capacitor - 0.22 $\mu$ F $\pm$ 10% 10V	
156	1605 1187	Ceramic Capacitor 0.047 $\mu$ F $\pm$ 10% 50V	
157	1605 1371	Capacitor:4.7uf:+80-20%:6.3V	
158	1634 0000	Resistor - 0 $\Omega$ 1/16W	
159	1644 1470	Capacitor - 47 $\mu$ F $\pm$ 20% 16V	
160	1650 4100	Resistor - 10 $\Omega$ $\pm$ 5% 1/10W	
161	1650 4101	Resistor - 100 $\Omega$ $\pm$ 5%1/10W	
162	1650 4102	Resistor - 1K $\Omega$ $\pm$ 5% 1/10W	
163	1650 4103	Resistor - 10K $\Omega$ $\pm$ 5% 1/10W	
164	1650 4104	Resistor - 100K $\Omega$ $\pm$ 5%1/10W	
165	1650 4105	Resistor - 1M $\Omega$ $\pm$ 5% 1/10W	
166	1650 4106	Resistor - 10M $\Omega$ $\pm$ 5%1/10W	
167	1650 4202	Resistor - 2K $\Omega$ $\pm$ 5%1/10W	
168	1650 4222	Resistor - 2.2K $\Omega$ $\pm$ 5%1/10W	
169	1650 4223	Resistor - 22K $\Omega$ $\pm$ 5%1/10W	
170	1650 4330	Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W	

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Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 4334	Resistor - 330K $\Omega$ $\pm$ 5%1/10W	
172	1650 4391	Resistor - 390 $\Omega$ $\pm$ 5% 1/10W	
173	1650 4470	Resistor - 47 $\Omega$ $\pm$ 5%1/10W	
174	1650 4472	Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W	
175	1650 4560	Chip Resistor - 56 $\Omega$ $\pm$ 5% 1/10W	
176	1650 4562	Resistor - 5.6K $\Omega$ $\pm$ 5% 1/10W	
177	1650 4680	Resistor - 68 $\Omega$ $\pm$ 5%1/10W	
178	1650 4751	Resistor - 750 $\Omega$ $\pm$ 5% 1/10W	
179	1654 1000	Resistor - 100 $\Omega$ $\pm$ 1% 1/10W	
180	1654 5609	Resistor:56 $\Omega$ : $\pm$ 1%:1/10W	
181	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
182	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
183	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
184	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
185	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
186	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
187	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
188	1660 4472	Capacitor - 4700pF $\pm$ 10% 50V	
189	1660 6103	Capacitor - 10000pF - +80%-20%50V	
190	1660 8104	Capacitor - 0.1 $\mu$ F+80-20% 25V	
191	1902 0042	RAM-1M X8 70ns TSOP G2	

CÓPIA NÃO CONTROLADA

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	212	---	---	C51	208	C89	212	C101	211	C111	208	C121	204
C2	208	---	---	C59	208	C90	208	C102	211	C112	159	C122	204
C3	208	---	---	C60	212	C91	212	C103	211	---	---	---	---
C4	212	---	---	---	---	---	---	C104	201	C114	212	C124	206
---	---	C15	212	C72	212	C95	211	C105	199	C115	208	---	---
C6	208	C16	208	C73	208	C96	199	C106	199	C116	202	C126	204
C7	212	C17	212	---	---	C97	211	C107	211	C117	212	---	---
C8	155	C18	208	C81	201	C98	201	C108	159	C118	208	---	---
C9	152	---	---	---	---	C99	211	C109	204	C119	212	C129	208
---	---	C50	212	C85	201	C100	199	C110	207	C120	212	C130	212

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C141	212	C151	208	C161	212	C171	208	C181	211	C191	208
---	---	C142	208	C152	208	C162	208	C172	202	C182	208	C192	211
---	---	C143	208	C153	212	C163	208	C173	208	C183	202	C193	202
C134	212	---	---	C154	208	C164	212	C174	211	C184	211	C194	208
---	---	---	---	---	---	C165	212	C175	202	C185	208	C195	211
---	---	---	---	---	---	C166	208	C176	208	C186	202	C196	212
C137	212	C147	153	C157	212	---	---	C177	211	C187	211	C197	208
C138	208	C148	212	C158	208	---	---	C178	202	C188	208	C198	208
C139	152	C149	212	C159	212	C169	212	C179	208	C189	202	C199	212
C140	208	C150	208	C160	208	C170	202	C180	202	C190	211	C200	208



## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C201	212	C211	212	C221	208	C231	208	---	---	C251	212	C261	208
C202	208	C212	202	C222	161	C232	202	---	---	C252	208	C262	208
C203	212	C213	202	C223	161	C233	212	C243	161	C253	212	C263	212
C204	208	C214	212	C224	161	---	---	C244	161	C254	212	C264	212
---	---	C215	208	C225	161	---	---	C245	212	C255	211	---	---
C206	212	C216	202	C226	161	---	---	C246	208	C256	211	---	---
---	---	C217	212	C227	161	---	---	C247	208	C257	211	---	---
C208	212	C218	212	C228	208	---	---	C248	212	C258	212	---	---
C209	212	C219	202	C229	208	---	---	C249	208	C259	212	---	---
C210	208	C220	208	C230	212	---	---	C250	212	---	---	---	---

## CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C281	208	---	---	C301	206	C311	212	C321	202	C331	212
C272	211	C282	212	---	---	C302	200	C312	208	C322	208	C332	157
C273	212	---	---	---	---	C303	212	C313	208	C323	202	C333	202
C274	212	---	---	---	---	C304	208	C314	162	C324	212	C334	202
C275	202	---	---	---	---	C305	202	C315	212	C325	202	C335	208
C276	202	---	---	---	---	C306	212	C316	208	C326	162	C336	202
C277	202	C287	212	---	---	C307	212	C317	208	C327	212	C337	208
C278	202	---	---	C298	212	C308	202	---	---	C328	162	C338	162
---	---	---	---	C299	208	C309	162	C319	162	C329	162	C339	212
---	---	---	---	C300	200	C310	162	C320	157	C330	208	---	---

## CAPACITOR

SYMBOL NO.	INDEX NO.
C341	161
C342	161
C343	161
C344	161
C345	161
C346	161
C347	201
C348	201
C349	199
C350	199

SYMBOL NO.	INDEX NO.
C351	199
C352	212
C353	161
C354	161
C355	204
C356	163
C357	207
C358	208
C359	154
C360	160

SYMBOL NO.	INDEX NO.
C361	156
C362	205
C363	210
C364	158
C365	212
C366	201
C367	161
C368	164
C369	161
C370	161

SYMBOL NO.	INDEX NO.
C371	158
C372	160
C373	203
C374	209
C375	156
C376	160
C377	156
C378	212
---	---
C380	206

SYMBOL NO.	INDEX NO.
CN501	102
---	---
CN503	107
---	---
CN505	105
CN506	110
---	---
CN508	108
CN509	108
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
CN513	106
CN514	101
CN515	103
---	---
CN517	109
CN518	104

## DIODE

SYMBOL NO.	INDEX NO.
D6	117
D7	119
D8	118
D9	118
D10	118

## FILTER

SYMBOL NO.	INDEX NO.
FIL5	165
---	---
---	---
---	---
FIL9	166

## IC

SYMBOL NO.	INDEX NO.
---	---
---	---
IC3	125
---	---
IC5	122
---	---
IC7	129
IC8	127
IC9	215
IC10	122

SYMBOL NO.	INDEX NO.
---	---
---	---
IC13	122
IC14	215
IC15	215
IC16	2
IC17	124
IC18	126
---	---
---	---

SYMBOL NO.	INDEX NO.
IC21	215
IC22	126
---	---
---	---
---	---
IC26	123
IC27	133
---	---
IC29	127
---	---

SYMBOL NO.	INDEX NO.
---	---
IC32	130
---	---
---	---
IC35	126
---	---
IC37	111
IC38	111
---	---
IC40	131

SYMBOL NO.	INDEX NO.
IC41	138
IC42	137
IC43	139
---	---
IC45	140
IC46	126
IC47	132
---	---
IC49	134
IC50	135

SYMBOL NO.	INDEX NO.
IC51	121
IC52	141
IC53	134
IC54	141
IC55	141
IC56	136
---	---
IC58	213
IC59	214
IC60	128

## JP

SYMBOL NO.	INDEX NO.
JP10	174
JP16	174
JP19	174
---	---
JP39	174
---	---
JP40	174
JP41	174
---	---
---	---
JP49	174

## CONNECTOR L

SYMBOL NO.	INDEX NO.
JP50	174
JP51	174
JP54	174
JP55	174
JP60	173
---	---
JP61	174
JP62	174
JP63	174
JP72	174
JP73	174

## L

SYMBOL NO.	INDEX NO.
L1	168
L2	167
L3	167

## LED

SYMBOL NO.	INDEX NO.
LED1	120
LED2	120

## OSC

SYMBOL NO.	INDEX NO.
OSC3	142

## Q

SYMBOL NO.	INDEX NO.
---	---
Q2	114
Q3	114
Q4	116
Q5	115
---	---
Q6	116
Q7	115
Q8	115
Q9	116
---	---

## RESISTOR

SYMBOL NO.	INDEX NO.
R1	190
R2	190
R3	183
R4	183
---	---
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R13	178
R14	178
R15	178
---	---
R16	178
---	---
R18	184
R19	184
---	---

## RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
R25	186
---	---
R26	187
R27	195
R28	195
---	---
---	---

SYMBOL NO.	INDEX NO.
R31	186
---	---
---	---
R34	184
---	---
---	---
---	---
R37	195
---	---
---	---
R40	186

SYMBOL NO.	INDEX NO.
R41	188
R42	188
R43	188
R44	188
R45	175
---	---
R46	178
R47	178
---	---
R49	182
R50	182

SYMBOL NO.	INDEX NO.
R51	182
R52	182
R53	182
R54	182
R55	178
---	---
R57	178
R58	184
R59	186
R60	186

SYMBOL NO.	INDEX NO.
R61	186
R62	186
R63	186
R64	186
R65	184
---	---
R66	184
---	---
R68	184
R69	184
R70	184

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
R75	184
---	---
R76	186
R77	185
R78	185
---	---
---	---

SYMBOL NO.	INDEX NO.
R81	178
R82	178
R83	184
R84	184
R85	184
---	---
R86	184
R87	184
R88	186
R89	186
R90	184

## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R91	184	R101	184	R111	184	R121	177	R131	184	R141	178	R151	178
R92	184	R102	184	R112	184	R122	178	R132	184	R142	178	R152	178
R93	186	R103	186	R113	184	R123	186	R133	184	R143	178	R153	194
R94	186	R104	184	R114	184	---	---	R134	178	R144	193	---	---
R95	184	---	---	R115	186	R125	184	R135	184	R145	186	R155	193
R96	184	R106	186	R116	177	R126	184	---	---	R146	186	R156	191
R97	184	R107	184	R117	186	R127	184	---	---	R147	193	R157	178
R98	184	R108	184	R118	177	R128	184	R138	184	R148	186	R158	186
R99	184	---	---	R119	186	R129	184	R139	184	R149	177	R159	194
R100	184	R110	184	R120	186	R130	184	---	---	R150	186	---	---

## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R161	178	R171	186	R181	188	R191	184	---	---	R211	184	R221	184
R162	186	R172	186	R182	188	R192	188	R202	184	R212	186	R222	184
R163	186	R173	188	R183	188	R193	188	---	---	R213	184	R223	184
R164	178	R174	188	R184	188	---	---	R204	184	---	---	R224	184
R165	178	R175	178	R185	188	---	---	R205	184	---	---	R225	184
R166	188	R176	188	---	---	---	---	R206	184	R216	178	R226	186
R167	186	R177	188	---	---	R197	178	R207	184	---	---	R227	187
R168	186	R178	188	R188	178	R198	188	R208	184	---	---	R228	187
R169	178	R179	188	R189	188	R199	188	R209	186	---	---	R229	187
R170	178	R180	188	R190	188	---	---	R210	186	---	---	R230	184

## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R231	184	---	---	---	---	R271	184	---	---	R291	181	---	---
R232	184	R242	184	---	---	---	---	R282	188	R292	193	---	---
R233	184	R243	186	---	---	---	---	R283	188	R293	184	---	---
R234	187	R244	186	---	---	---	---	R284	183	R294	184	---	---
R235	184	R245	186	R255	188	---	---	R285	188	---	---	---	---
R236	184	R246	186	---	---	R276	188	R286	188	R296	184	R306	186
R237	184	R247	186	---	---	R277	188	R287	178	---	---	---	---
R238	184	R248	186	R258	188	---	---	R288	193	R298	180	---	---
R239	184	R249	186	---	---	---	---	R289	193	---	---	R309	176
---	---	R250	181	---	---	---	---	R290	193	---	---	---	---

## RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R321	186	R331	186	R341	178	R351	179	R361	178	R371	186
---	---	R322	186	R332	178	---	---	R352	179	---	---	R372	184
---	---	R323	186	R333	178	---	---	R353	178	R363	184	R373	184
---	---	R324	186	R334	178	---	---	R354	188	---	---	R374	171
---	---	R325	186	R335	178	---	---	R355	178	---	---	R375	198
---	---	R326	186	R336	178	R346	178	R356	178	---	---	R376	169
---	---	R327	178	---	---	---	---	R357	178	R367	186	R377	169
R318	186	R328	178	---	---	R348	186	R358	178	---	---	R378	172
R319	186	R329	178	R339	184	R349	178	R359	178	---	---	R379	189
R320	186	R330	186	R340	184	R350	178	R360	178	---	---	R380	196

## RESISTOR

SYMBOL NO.	INDEX NO.
R381	192
R382	170
R383	189
R384	197
R385	175
---	---
R386	186
R387	169
R388	192
R389	175
R390	192

SYMBOL NO.	INDEX NO.
R391	189
---	---
R393	178
R394	175
R395	175
---	---
R396	175
R397	178
R398	178
R399	178
R400	178

SYMBOL NO.	INDEX NO.
R401	178
R402	178
R403	186
R404	188
R405	188

## RN

SYMBOL NO.	INDEX NO.
RN1	145
RN2	145
RN3	144
RN4	144
---	---
---	---
---	---
---	---
RN9	146
RN10	146

SYMBOL NO.	INDEX NO.
RN11	148
RN12	148
RN13	148
RN14	144
---	---
---	---
---	---
---	---
RN19	149
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
RN24	144
---	---
---	---
---	---
RN27	144
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
RN32	144
---	---
RN34	144
RN35	148
---	---
RN36	148
RN37	148
RN38	148
RN39	147
---	---

## RN

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
RN44	146
RN45	146
---	---
---	---
RN48	148
RN49	148
RN50	144

SYMBOL NO.	INDEX NO.
RN51	148
RN52	148
RN53	151
RN54	151
RN55	151
---	---
RN56	151
RN57	147
RN58	144
RN59	143
RN60	148

SYMBOL NO.	INDEX NO.
RN61	148
RN62	148
RN63	144
RN64	144
RN65	151
---	---
RN66	151
RN67	151
RN68	151
RN69	151
RN70	151

SYMBOL NO.	INDEX NO.
RN71	151
RN72	151
RN73	148
RN74	151
RN75	151
---	---
RN76	150
RN77	150

## SW

SYMBOL NO.	INDEX NO.
SW1	112
SW2	113





**38.CONTROLLER BOARD (B135/B138)**

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Index No.	Part No.	Description	Q'ty Per Assembly
*	B082 5101	PCB:Main:35:Sub-Ass'y	1
1	B082 5102	PCB:Main:45:Sub-Ass'y	1
2	B065 5210	IC:ASIC:MARIMBA4	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 2391	Connector - HIF3FB-40PA-2.54DSA	
102	1102 6789	Connector - 100P	
103	1102 6815	Connector - 53258-0410	
104	1102 7615	Connector - B8B-XH-A	
105	1102 8153	Connector - FCN-568P068-G/05A-V4	
106	1102 8189	DIMM Connector - 54534-1440	
107	1102 8567	Connector - 52775-0800	
108	1102 8829	Connector - DM-1D4-N3210	
109	1102 8988	Connector	
110	1102 9180	Connector:leee	
111	1104 0588	DIP Socket - 28p	
112	1204 1385	Push Switch	
113	1204 1542	DIP Switch	
114	1400 0801	Transistor - DTC113ZUA	
115	1401 1205	Fet:HAT1044M	
116	1401 1206	Fet:HAT2054M	
117	1402 1265	Diode - RB411D	
118	1402 1343	Diode - RB106L-40	
119	1402 1664	Diode - HSU83	
120	1403 0907	Diode - SML-310LT	
121	1407 5047	CMOS Logic:TC7SH32FU	
122	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
123	1407 5300	CMOS Logic - 74LVC16244A TSSOP	
124	1407 5321	CMOS Logic - 74LVCH16374A TSSOP	
125	1407 5322	IC - CMOS LOGIC SN74LVC161284DGG	
126	1407 5334	IC - CMOS LOGIC 74LVC244A TSSOP	
127	1407 5364	IC - SN74AHCT244PW	
128	1407 5366	IC - 74LVC08A TSSOP	
129	1407 5523	ROM - I2C SOP 3V	
130	1407 5528	IC - SN74LVC126APW	
131	1407 5529	IC - SN74LVC374ANS	
132	1407 5602	IC - SN74AHCT174PW	
133	1407 5604	IC - SN74LVC16245ADGG	
134	1407 5666	CMOS IC - NC7WZ17P6	
135	1407 5717	IC - ICS960001AF	

CÓPIA NÃO CONTROLADA

## CÓPIA NÃO CONTROLADA

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 5809	CPC:RM7065A-300T-REV1.4	
137	1408 1273	IC - RN5VD28A	
138	1408 1398	Detector - RN5VD42A	
139	1408 1565	IC - RN5VD21A	
140	1408 1639	IC - RN5VD14A	
141	1408 1827	DC/DC Converter:SP6121CN	
142	1503 0842	Oscillator - 14.31818MHZ	
143	1601 7752	Resistor Array - 10K $\Omega$ $\pm$ 5%	
144	1601 7867	Resistor - 33 $\Omega$ $\pm$ 5% 1/16W	
145	1601 7871	Resistor - 68 $\Omega$ $\pm$ 5% 1/16W	
146	1601 7879	Resistor - 22 $\Omega$ $\pm$ 5% 1/16W	
147	1601 7899	Resistor Array - 56 $\Omega$ $\pm$ 5% 1/16W	
148	1601 7915	Resistor Array - 33 $\Omega$ $\pm$ 5% 1/16W	
149	1601 7916	Resistor - 47 $\Omega$ $\pm$ 5% 1/16W	
150	1601 7919	Resistor - 10K $\Omega$ $\pm$ 5% 1/16W 8	
151	1601 7926	Resistor - 68 $\Omega$ $\pm$ 5% 1/16W 8	
152	1604 4729	Capacitor - 47 $\mu$ F $\pm$ 20% 16V	
153	1604 4848	Capacitor - 100 $\mu$ F $\pm$ 20% 10V	
154	1604 4918	Capacitor - 150 $\mu$ F $\pm$ 20% 6.3V	
155	1604 4970	Capacitor - 33UF $\pm$ 20% 50V	
156	1604 4992	Capacitor - 100 $\mu$ F $\pm$ 20% 10V	
157	1604 4994	Capacitor - 100 $\mu$ F $\pm$ 20% 6.3V	
158	1604 5153	Capacitor:220UF: $\pm$ 20%:6.3V	
159	1605 0832	Capacitor - 8PF $\pm$ 0.5pF 50V	
160	1605 0976	Capacitor - 1 $\mu$ F+80% -20% 10V	
161	1605 1124	Capacitor - 4.7 $\mu$ F+80 -20% 10V	
162	1605 1132	Capacitor - 2.2 $\mu$ F+80-20% 16V	
163	1605 1162	Capacitor - 10 $\mu$ F+80 -20% 10V	
164	1605 1354	Capacitor:1200pF: $\pm$ 5%:50V	
165	1607 1206	Filter - Acc2012I-250	
166	1607 1225	Filter - Acc4516I-700	
167	1607 1228	Inductor - SLF7045-4R7M2R0	
168	1607 1422	Inductor:Slf12555-6r0n3r6	
169	1610 1353	Resistor:10k $\Omega$ : $\pm$ 0.5%:1/16W	
170	1610 1355	Resistor:33k $\Omega$ : $\pm$ 0.5%:1/16W	

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Index No.	Part No.	Description	Q'ty Per Assembly
171	1610 1405	Resistor:20k $\Omega$ : $\pm$ 0.5%:1/16W	
172	1610 1514	Resistor:3.3k $\Omega$ : $\pm$ 0.5%:1/16W	
173	1633 0000	Resistor - 0 $\Omega$ 1/10W	
174	1634 0000	Resistor - 0 $\Omega$ 1/16W	
175	1650 4100	Resistor - 10 $\Omega$ $\pm$ 5% 1/10W	
176	1650 4101	Resistor - 100 $\Omega$ $\pm$ 5%1/10W	
177	1650 4102	Resistor - 1K $\Omega$ $\pm$ 5% 1/10W	
178	1650 4103	Resistor - 10K $\Omega$ $\pm$ 5% 1/10W	
179	1650 4109	Resistor - 1 $\Omega$ $\pm$ 5% 1/10W	
180	1650 4121	Resistor - 120 $\Omega$ $\pm$ 5%1/10W	
181	1650 4122	Resistor - 1.2K $\Omega$ $\pm$ 5% 1/10W	
182	1650 4150	Resistor - 15 $\Omega$ $\pm$ 5% 1/10W	
183	1650 4152	Resistor - 1.5K $\Omega$ $\pm$ 5% 1/10W	
184	1650 4220	Chip Resistor - 22 $\Omega$ $\pm$ 5% 1/10W	
185	1650 4229	Resistor - 2.2 $\Omega$ $\pm$ 5% 1/10W	
186	1650 4330	Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W	
187	1650 4470	Resistor - 47 $\Omega$ $\pm$ 5%1/10W	
188	1650 4472	Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W	
189	1650 4519	Resistor:5.1 $\Omega$ : $\pm$ 5%:1/10W	
190	1650 4561	Resistor - 560 $\Omega$ $\pm$ 5% 1/10W	
191	1650 4562	Resistor - 5.6K $\Omega$ $\pm$ 5% 1/10W	
192	1650 4622	Resistor:6.2k $\Omega$ : $\pm$ 5%:1/10W	
193	1650 4680	Resistor - 68 $\Omega$ $\pm$ 5%1/10W	
194	1650 4683	Resistor - 68K $\Omega$ $\pm$ 5% 1/10W	
195	1650 4820	Resistor - 82 $\Omega$ $\pm$ 5% 1/10W	
196	1654 1432	Resistor:14.3k $\Omega$ : $\pm$ 1%:1/10W	
197	1654 2432	Resistor:24.3k $\Omega$ : $\pm$ 1%:1/10W	
198	1654 9531	Resistor:9.53k $\Omega$ : $\pm$ 1%:1/10W	
199	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
200	1660 2121	Capacitor - 120pF $\pm$ 5% 50V	
201	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
202	1660 2221	Capacitor - 220pF +80-20% 50V	
203	1660 2270	Capacitor - 27pF $\pm$ 20% 35V	
204	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
205	1660 2390	Ceramic Capacitor - 39pF 50V	

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Index No.	Part No.	Description	Q'ty Per Assembly
206	1660 2470	Capacitor - 47pF $\pm 5\%$ 50V	
207	1660 2471	Capacitor - 470pF - $\pm 5\%$ - 50V	
208	1660 4102	Capacitor - 1000pF $\pm 10\%$ 50V	
209	1660 4222	Capacitor - 2200pF - $\pm 10\%$ - 50V	
210	1660 4332	Capacitor - 3300pF - $\pm 10\%$ - 50V	
211	1660 6103	Capacitor - 10000pF - $+80\%$ - $20\%$ 50V	
212	1660 8104	Capacitor - 0.1 $\mu$ F $+80\%$ - $20\%$ 25V	
213	1906 0046	Flash Memory:MOM29DL324BE80TN	
214	1906 0047	Flash Memory:MBM29DL640E80TN	
215	1907 0012	SDRAM - 128m 2MX16x4 133Mhz	

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

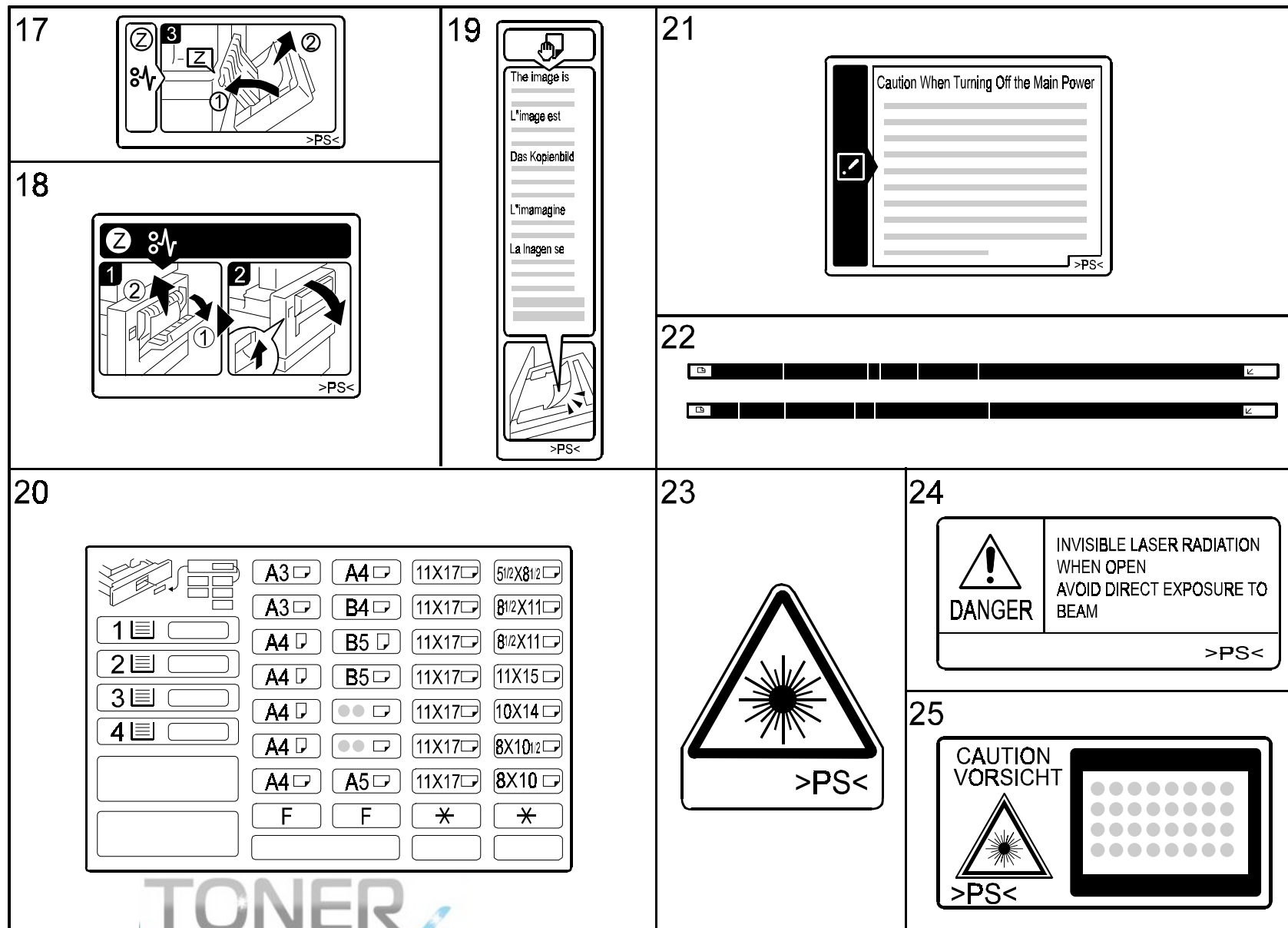
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CÓPIA NÃO CONTROLADA

# 39.DECAL AND DOCUMENT (B135/B138) C  PIA N  O CONTROLADA

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<p>2</p> <div data-bbox="398 683 719 938"> </div>	<p>10</p> <div data-bbox="1043 467 1704 571"> </div>			
<p>3</p> <div data-bbox="353 1054 465 1129"> </div>	<p>4</p> <div data-bbox="640 1050 752 1129"> </div>	<p>11</p> <div data-bbox="869 667 1238 959"> </div>	<p>12</p> <div data-bbox="1290 703 1939 762"> </div>	
<p>5</p> <div data-bbox="293 1233 819 1377"> </div>		<p>13</p> <div data-bbox="1077 1070 1189 1166"> </div>	<p>14</p> <div data-bbox="1279 874 1939 970"> </div>	
<p>15</p> <div data-bbox="913 1233 1294 1385"> </div>		<p>16</p> <div data-bbox="1503 1118 1805 1326"> </div>		

# 39.DECAL AND DOCUMENT (B135/B138) CÓPIA NÃO CONTROLADA




CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

CÓPIA NÃO CONTROLADA

**39.DECAL AND DOCUMENT (B135/B138)** CÓPIA NÃO CONTROLADA

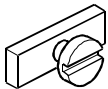
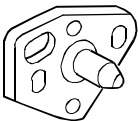
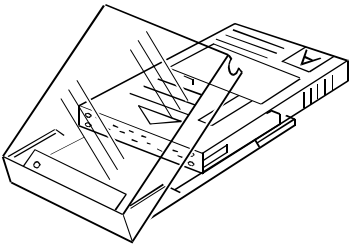
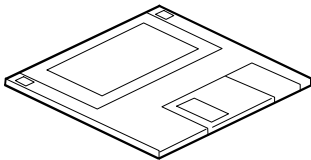
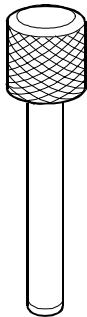
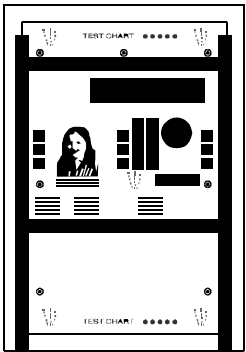
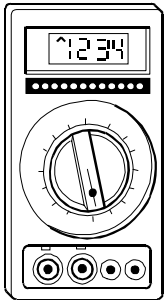
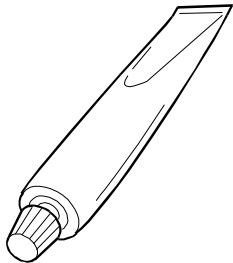
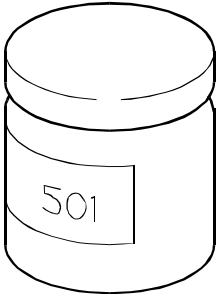
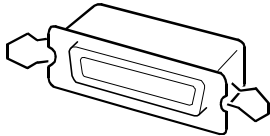
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1	C225 2866	Decal - Keytop Cover (REX)	1
1	C225 2867	Decal - Keytop Cover (NSA)	1
2	A232 1381	Decal - Total Counter	1
3	A232 6780	Decal - On (CHN)	1
4	A232 6781	Decal - Stand-by (CHN)	1
5	AA00 0204	Decal - Right Lower Cover	1
5	B004 7621	Decal (KOR)	1
6	AA00 0546	Decal:Laserclass1:CHN	1
7	AA00 0547	Decal:Laserclass1:KOR	1
8	AA00 1392	Decal - A1	1
9	AA00 1393	Decal - A2	1
10	AA00 3206	Decal:PCU:Spring:Caution Chart	1
11	B004 1383	Decal - Power Off - EXP	1
12	B004 4122	Decal - Warning	1
13	B004 4851	Decal - Jam Removal	1
14	B082 2965	Decal:Paper Set Direction	1
15	B082 3265	Decal:Caution Chart	1
16	B082 3992	Decal:Drum:Belt	1
17	B082 4852	Decal:Duplex	1
18	B082 4853	Decal:Duplex Unit:Upper	1
19	B082 6073	Decal:Manual Feed Direction	1
20	B082 6400	Decal:Size Indication	1
21	B082 6403	Decal:Power Source:Off:Exp	1
22	B387 6053	Original Scale Decal - A4	1
22	B387 6054	Original Scale Decal - LT	1
23	G020 1917	Decal - LD	1
24	G020 1920	Decal - Laser Diode	1
25	G029 1980	Decal - LD	1
26	GA00 3035	Energy Decal	1



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

40.SPECIAL TOOLS (B135/B138)

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1	2	3	4	5
				
6	7	8	9	10
				



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## 40.SPECIAL TOOLS (B135/B138)

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5	A006 9104	Adjusting Scanner Pin (4pcs/set)	1
6	A292 9500	Test Chart - S5s (10 Pcs/set)	1
7	A029 9387	Digital Multimeter - Fluke87	1
8	A257 9300	GREASE - BARRIERTA S552R	1
9	5203 9502	Grease 501	1
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Index No.	Part No.	Description	Q'ty Per Assembly

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# **B135/B138 PARTS INDEX**



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



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	AF03 0049	Pick-up Roller	Pick-up Roller	1	29- 22
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	AE04 4030	Hot Roller Strippers	Hot Rollerstripper	7	51- 10
	AE01 1071	Hot Roller	Hot Roller - 39.8mm T0.4	1	51- 15
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1654 4641	Resistor:4.64k $\Omega$ : $\pm$ 1%:1/10W	81 -173
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