

**Model N-C2/P1
(B286/B289/G180)**

PARTS CATALOG

12th edition, April 2012

Ricoh Company, LTD.

Model N-C2/P1 (B286/B289/G180)

PARTS CATALOG

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

Model N-C2/P1	(B286/B289/G180)
Roll Feeder Type 240A/B	(B851/B852)
Paper Cassette Type 240	(B853)
Folder FD6500A	(B889)
Manual Feeder Option	(D333)
Table Type 240	(B854)
Original Hanger	(D311)
Rear Stacker	(D312)
File Format Converter Type C	(B609)
Data Overwrite Security Unit Type D	(B735)
IEEE 802.11b Interface Unit Type H	(G813)

Model N-C2/P1 (B286/B289/G180)

This parts catalog includes the changes announced in MB No. 1 to 10 and PCIL No. 200903 to 201203

Model N-C2/P1 (B286/B289/G180)

PARTS CATALOG

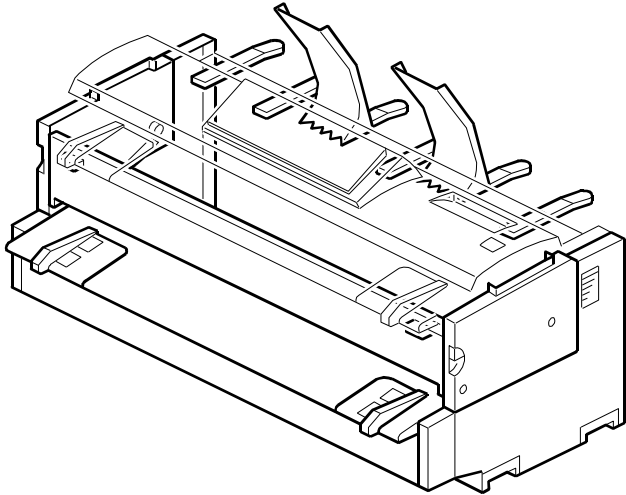
This catalog gives the numbers and names of parts on this machine.

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April 23, 2012

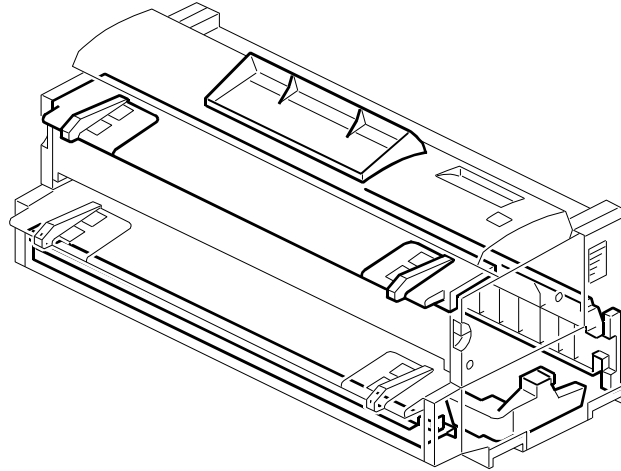
LOCATIONS OF UNITS

1. Exterior 1 (B286/B289)



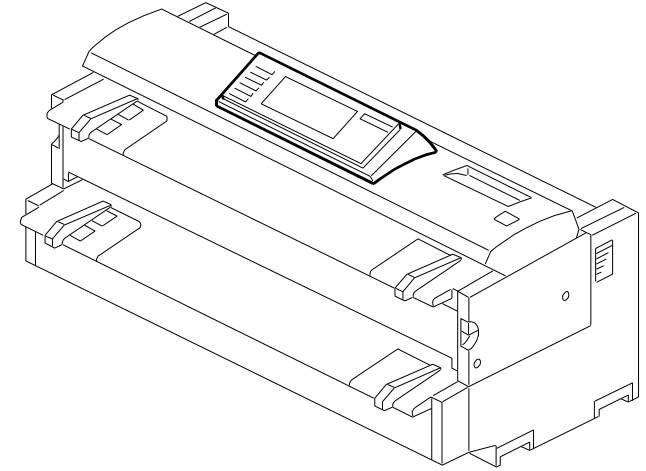
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2. Exterior 2 (B286/B289)



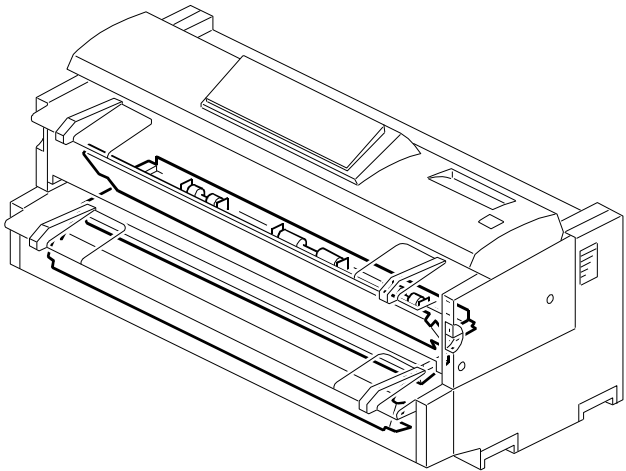
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3. Operation Panel (B286/B289)



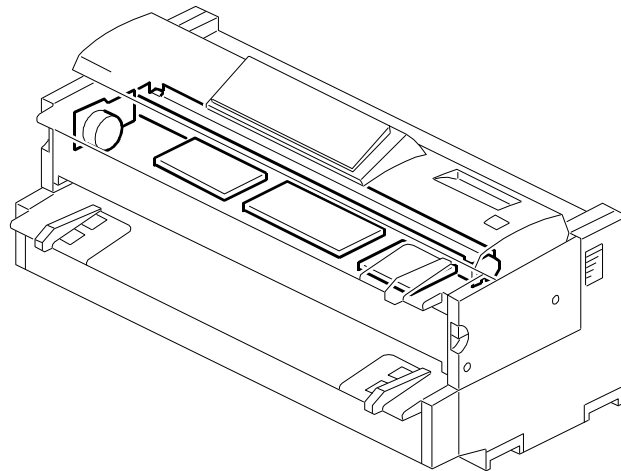
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4. Scanner Section 1 (B286/B289)



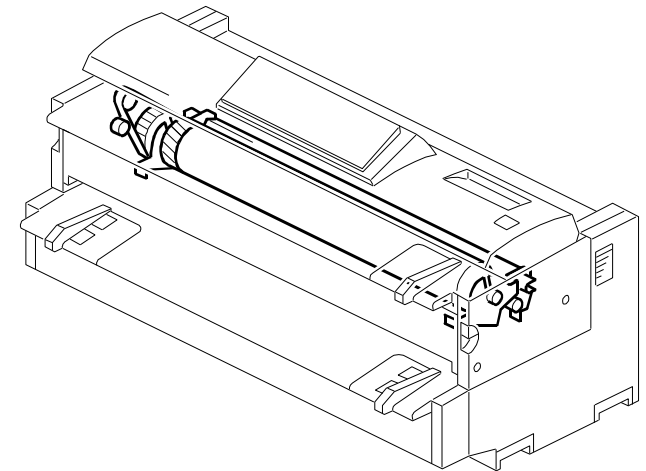
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5. Scanner Section 2 (B286/B289)



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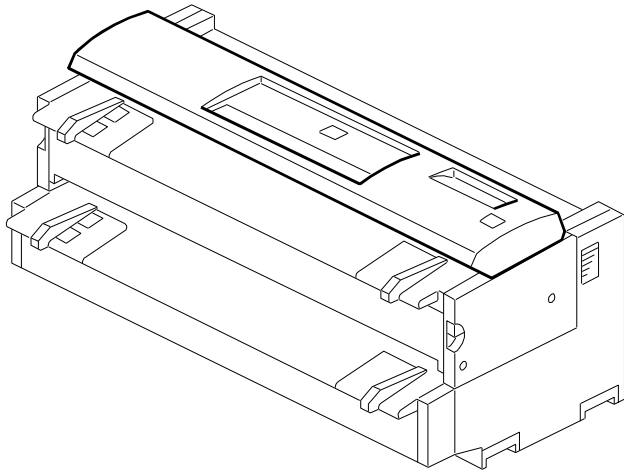
6. Scanner Section 3 (B286/B289)



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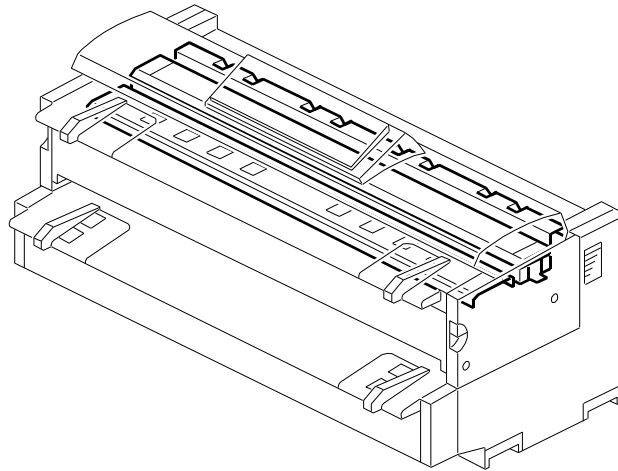
LOCATIONS OF UNITS

7. Paper Registration (B286/B289/G180)



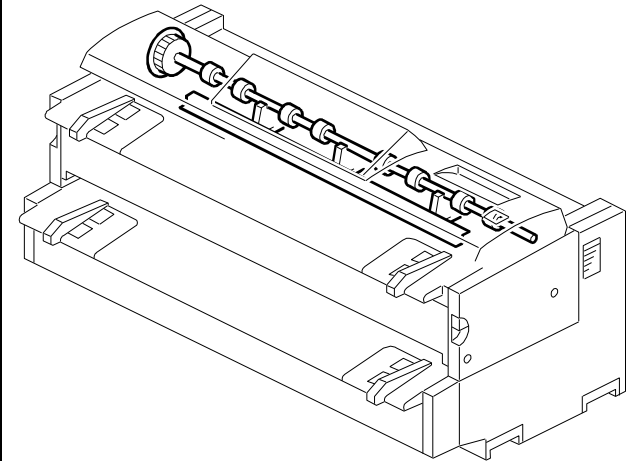
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8. Image Processing (B286/B289/G180)



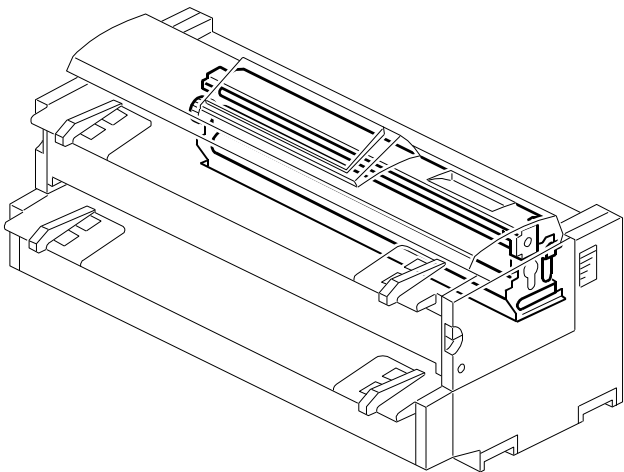
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9. Drum Section (B286/B289/G180)



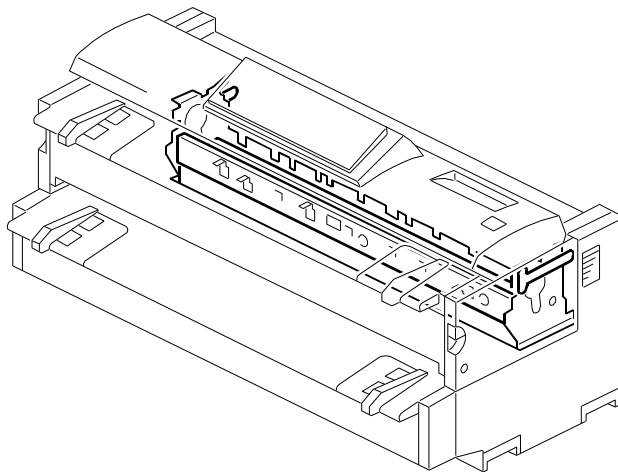
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10. Development Unit (B286/B289/G180)



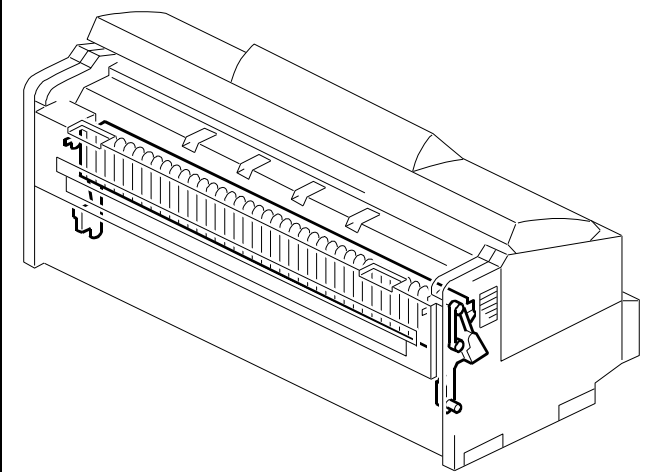
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11. Charge & Transfer Unit (B286/B289/G180)



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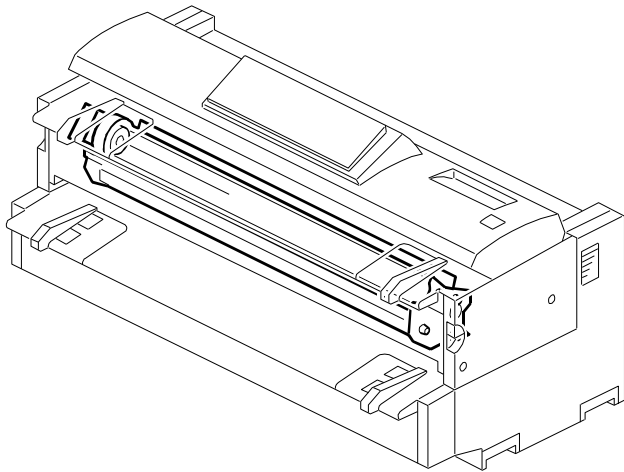
12. Charge Cleaning Section (B286/B289/G180)



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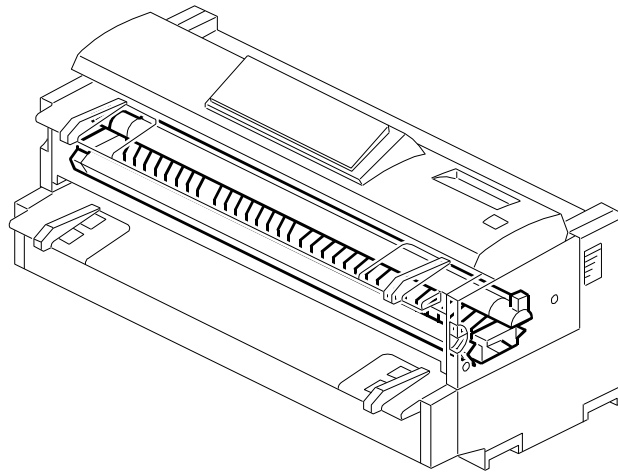
LOCATIONS OF UNITS

13. Fusing Unit 1 (B286/B289/G180)



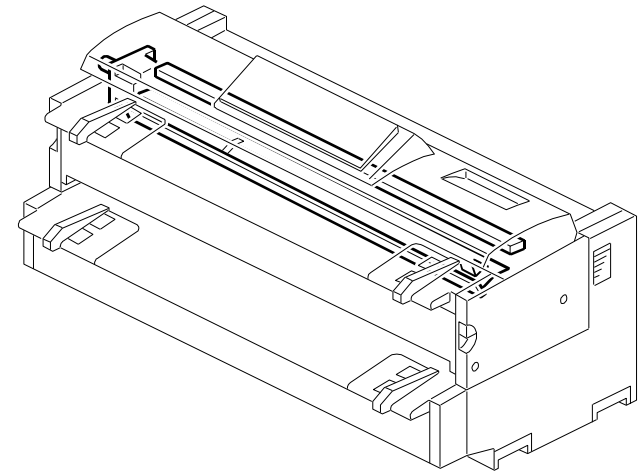
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14. Fusing Unit 2 (B286/B289/G180)



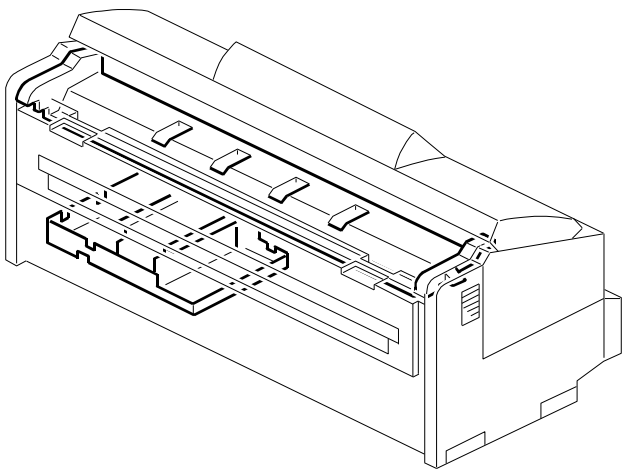
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15. Paper Exit 1 (B286/B289/G180)



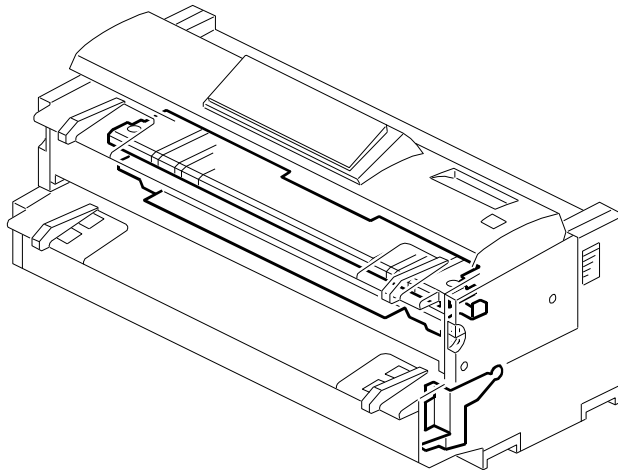
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16. Paper Exit 2 (B286/B289/G180)



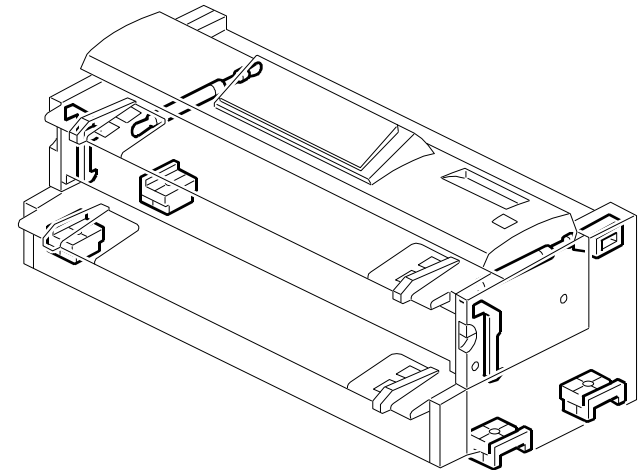
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17. Drive Section (B286/B289/G180)



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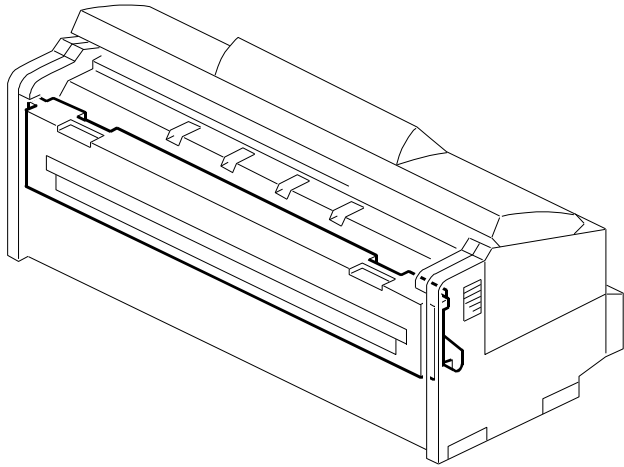
18. Electrical Section 1 (B286/B289/G180)



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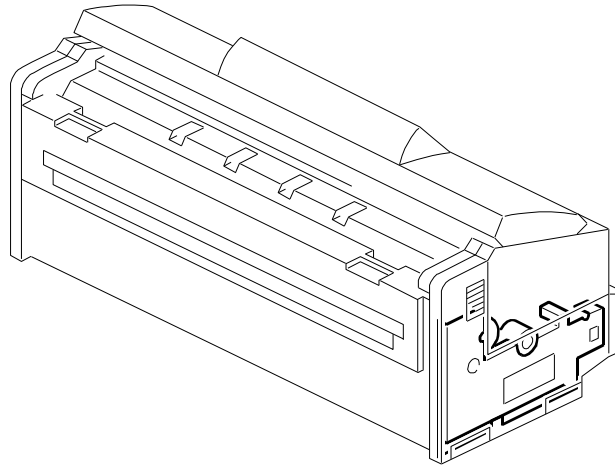
LOCATIONS OF UNITS

19. Electrical Section 2 (B286/B289/G180)



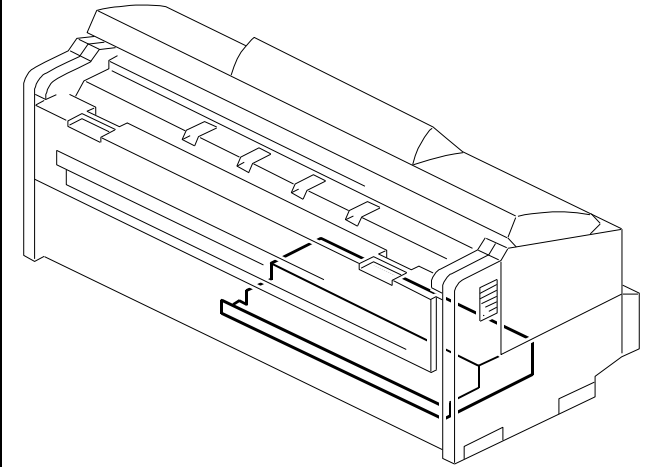
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20. Electrical Section 3 (B286/B289/G180)



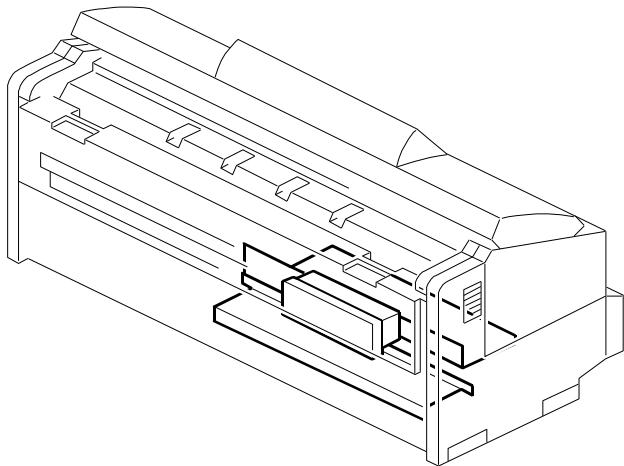
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21. Frame 1 (B286/B289/G180)



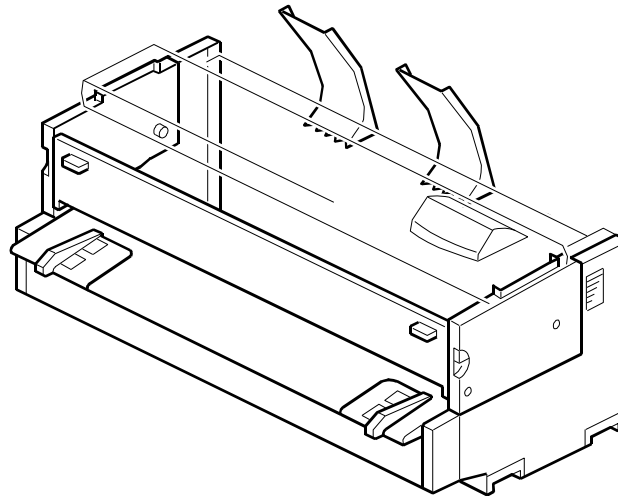
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22. Frame 2 (B286/B289/G180)



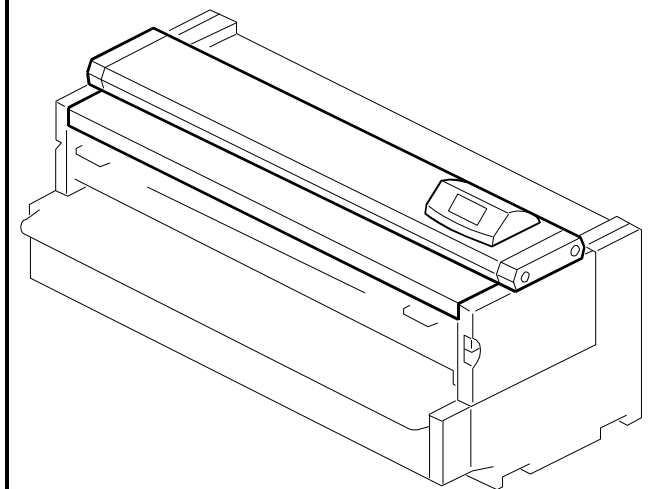
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27. Exterior 1 (G180)



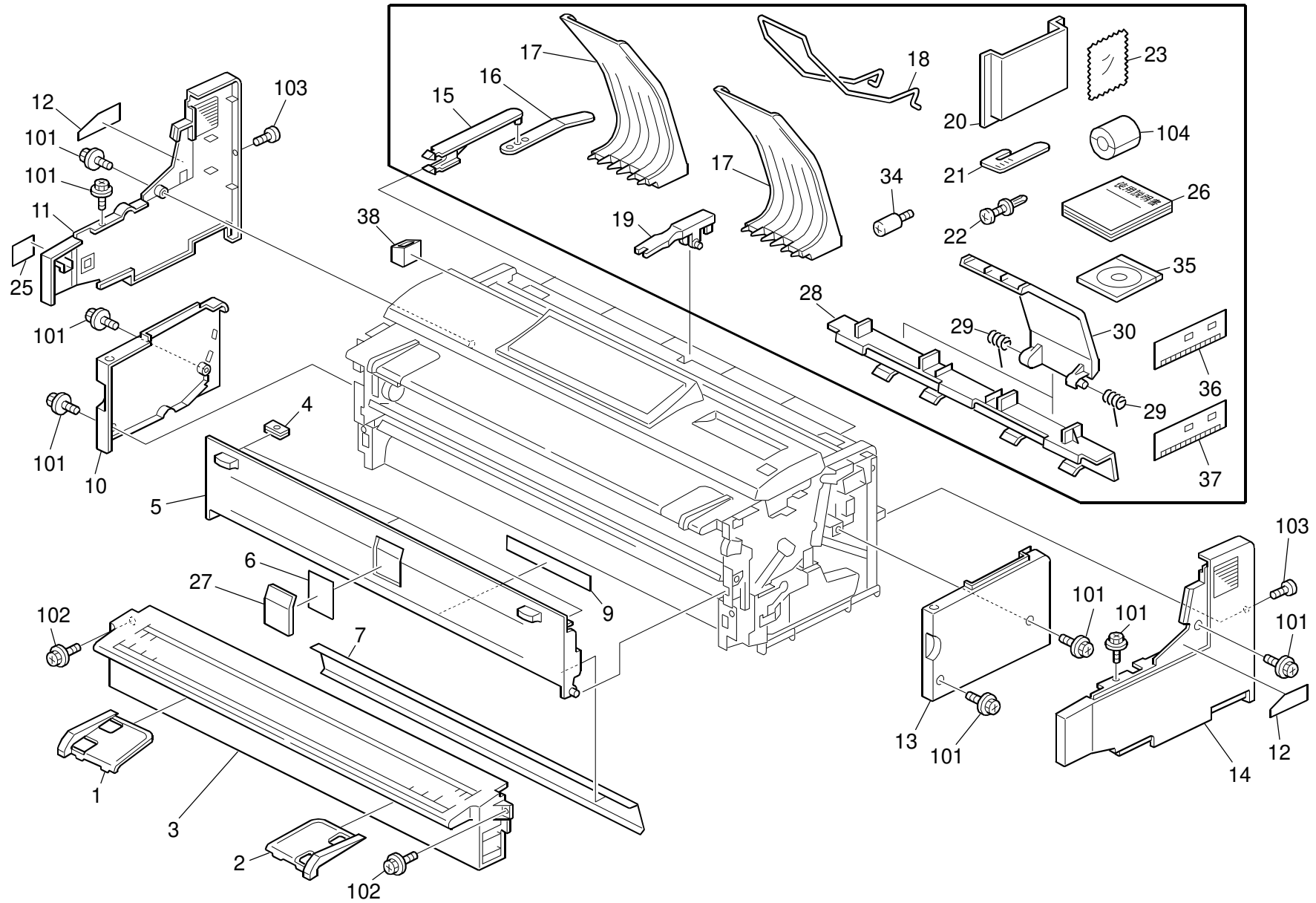
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28. Exterior 2 (G180)



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1.Exterior 1 (B286/B289)

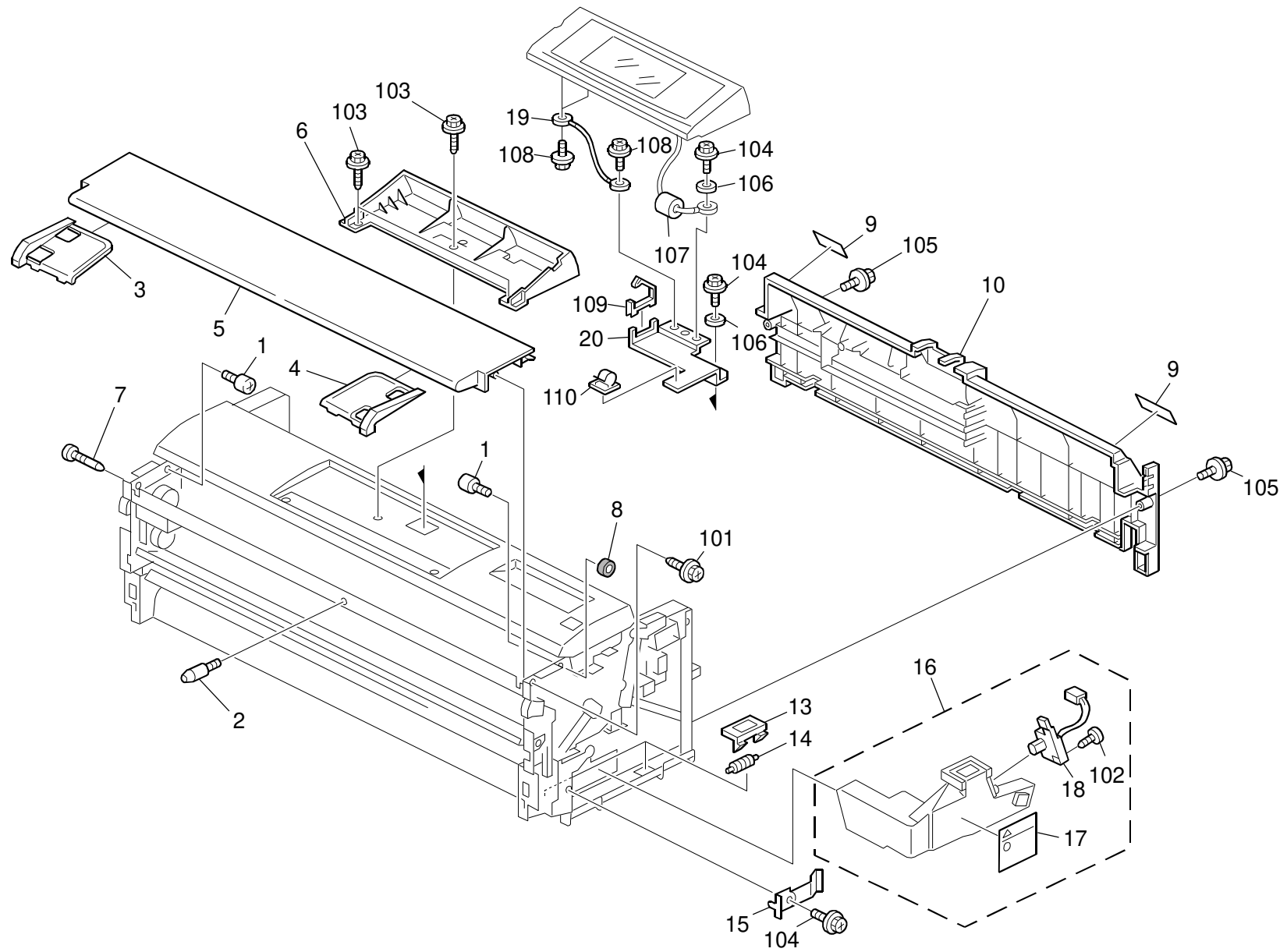


1.Exterior 1 (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B125 4720	Side Fence:Left	1
2	B125 4723	Side Fence:Right	1
3	B286 2594	Manual Feed Table	1
4	AG07 0514	Magnet Catch	3
5	B286 4806	Cover - Toner Cartridge	1
	B286 4805	O/O MB1	
6	B286 4811	Decal:Emblem:RIC	1
6	B289 4811	Decal:Emblem:RIC	1
7	B125 4841	Cover Sheet - Toner Cartridge	1
	B125 4806	O/O MB1	
9	B286 4885	Decal:Original:Operate:EXP	1
10	B286 1286	Cover:Left Upper	1
	B125 1286	O/O (201008 PCIL)	
11	B286 1287	Cover:Left Lower	1
	B125 1287	O/O (201008 PCIL)	
12	B125 1265	Decal:High Temperature:Multi	2
13	B125 1283	Cover:Right Upper	1
14	B125 1288	Cover:Right Lower	1
15	B125 1363	Guide:Original	6
16	B125 1364	Guide Plate:Guide:Original	6
17	B286 1352	Copy Tray:Upper	2
	B286 1350	O/O (201012 PCIL)	
18	B275 1352	Guide Rod	1
19	B125 1358	Guide:Original:Middle	1
20	B010 1359	Operating Instructions Holder	1
21	B125 1355	Guide Plate:Brush	1
22	B125 1474	Rivet:MM5	3
23	B065 1374	Cloth - DF Exposure Glass	1
25	B082 6403	Decal:Power Source:Off:EXP	1
26	B286 7707	Manual:Troubleshoot:NA	1
26	B286 7907	Manual:Security_REF:NA	1
26	B286 7526	Manual>About_Machine:CHN	1
		Added MB5	
26	B286 7556	Manual:Troubleshoot:CHN	1
		Added MB5	

Index No.	Part No.	Description	Q'ty Per Assembly
26	B286 7886	Manual:Security_RIF:CHN	1
		Added MB5	
27	B132 1531	Panel:Logo	1
28	B286 1382	Holder:Original Tray	1
29	AA06 6681	Spring:Original Tray	4
30	B286 1380	Original Tray	2
34	AA14 3859	Positioning Pin	6
35	B286 8621	CD-ROM:Manual:GER:NA	1
35	B286 8624	CD-ROM:Manual:CHN	1
		Added MB5	
36	D093 4717	Sheet:Shading:CIS:Left	1
	B286 4712	O/O (201105 PCIL)	
		Added MB9	
37	D093 4718	Sheet:Shading:CIS:Right	1
37	B286 4713	O/O (201105 PCIL)	
		Added MB9	
38	B065 1371	Cloth Holder	1
		RB286033 ADD (201005 PCIL)	
101	0451 3008N	Tapping Screw - M3x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0453 3008N	Binding Self Tapping Screw:3x8	
104	1607 1092	Ferrite Core:RFC-10	

2.Exterior 2 (B286/B289)

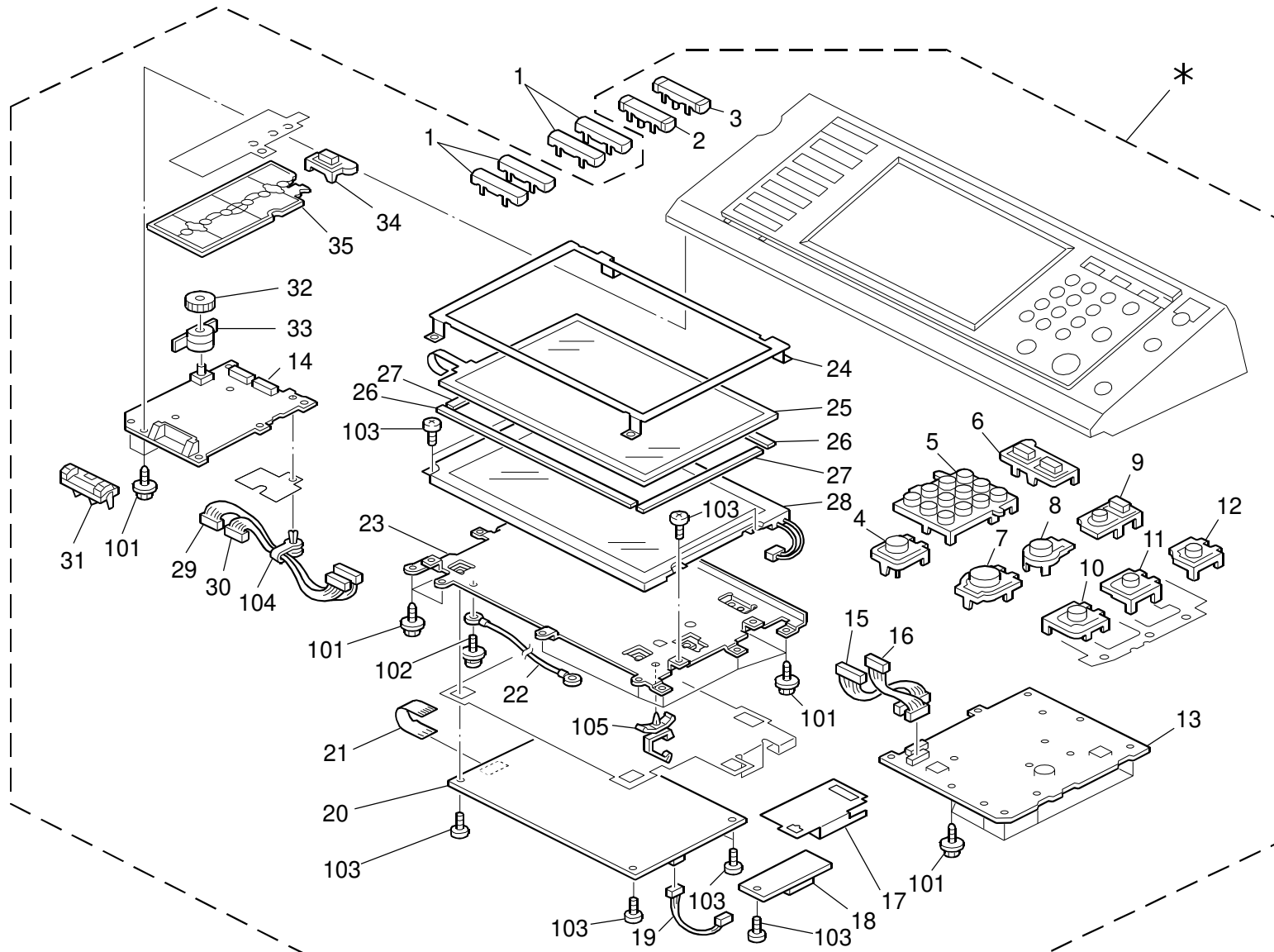


2.Exterior 2 (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3859	Positioning Pin	2
2	5413 3903	Pin - Transfer Guide Plate	1
3	B125 4720	Side Fence:Left	1
4	B125 4723	Side Fence:Right	1
5	B286 4702	Original Table:NA	1
5	B286 4700	Original Table:Printing	1
6	B286 1500	Cover:Operation Panel	1
7	AA14 3788	Pin:Guide Plate:Paper Feed	1
8	B275 1670	Guard Burring	1
9	B125 1268	Decal:High Temperature:Side	2
10	B125 1284	Cover:Rear Lower	1
13	A060 3827	Roller Holder	2
14	A060 3826	Toner Collection Bottle Roller	2
15	B125 3688	Leaf Spring:Collection Bottle	1
16	B286 3661	Collection Bottle	1
17	B286 3662	Decal:Toner Recycling	1
18	AW40 0014	Used Toner Sensor	1
19	B286 5743	Ground Wire:Operation Sub-unit	1
20	B286 1505	Bracket:Operation Sub-unit:Lower	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4010N	Tapping Screw:4x10	
102	0452 3006N	Binding Self-tapping Screw:3x6	
103	0450 3010N	Tapping Screw - M3x10	
104	0451 3006N	Tapping Screw - 3x6	
105	0451 3008N	Tapping Screw - M3x8	
106	0703 0030N	Spring Washer:DIA3	
107	1607 0891	Ferrite Core:SFC-3	
108	0451 3005N	Tapping Screw:M3x5	
109	1105 0521	Clamp - LES-1017	
110	1105 0068	Clamp - DKN : M0.7	

3.Operation Panel (B286/B289)

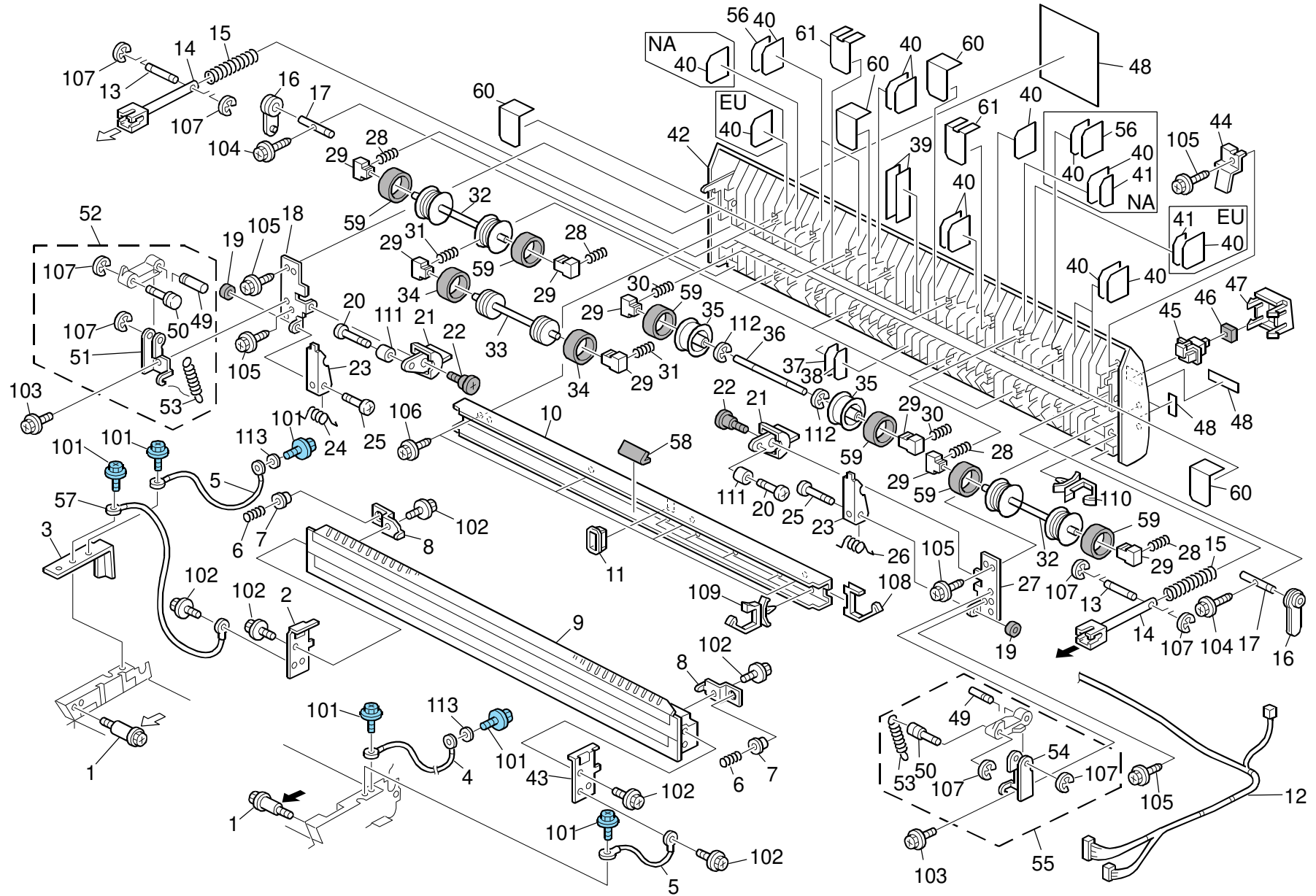


3.Operation Panel (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B286 1486	Operation Sub-unit:N-C2:NA:Ass'y	1
	B286 1481	X/O (200903 PCIL)	
*	B286 1487	Operation Sub-unit:N-C2:EU:Ass'y	1
	B286 1482	X/O (200903 PCIL)	
*	B286 1488	Operation Sub-unit:N-C2:CHN:Ass'y	1
	B286 1483	X/O (200903 PCIL)	
1	B238 1518	Keytop - Blank	4
2	B223 1529	Keytop - DOC NA	1
2	B223 1535	Keytop:DOC:EU	1
3	B223 1528	Keytop - Copy NA	1
3	B223 1534	Keytop:Copy:EU	1
4	B223 1520	Keytop - Clear/Stop	1
5	R724 1540	Keytop:10Key:NA	1
	B223 1540	O/O (201110 PCIL)	
5	R724 1521	Keytop:10Key:Service	1
	B223 1521	X/O (201107 PCIL)	
6	B238 1583	Keytop - Clear Modes	1
7	B238 1504	Keytop - Start	1
8	B238 1506	Keytop - Try Print	1
9	B238 1509	Keytop - Interrupt	1
10	B238 1552	Keytop - Kantan	1
11	B238 1550	Keytop - Login	1
12	B238 1549	Keytop - Power Source	1
13	B238 1470	PCB OP-R	1
14	B286 1467	PCB:OP-L	1
15	B238 1481	Harness - OP-R 13P	1
16	B238 1480	Harness - OP-R 10P	1
17	B238 1533	Insulator	1
18	B238 1486	Invertor STN	1
19	B238 1484	Harness - Invertor	1
20	B286 1461	PCB:LCDC:NA	1
20	B286 1462	PCB:LCDC	1
20	B286 1456	PCB:LCDC:N-C2:CHN	1
21	B238 1487	Cable FFC LCD	1
22	B286 1468	Ground Wire	1

Index No.	Part No.	Description	Q'ty Per Assembly
23	B286 1475	Bracket:LCDC	1
24	B223 1507	Shadeing Plate:Touch Panel:Ass'y	1
25	B223 1484	Touch Panel - W-VGA F	1
	B223 1494	X/O (200909 PCIL)	
26	B238 1535	LCD Spacer B	2
27	B238 1534	LCD Spacer A	2
28	B238 1485	LCD STN W-VGA	1
29	D009 1483	Harness:OP-L:13	1
30	D009 1482	Harness:OP-L:12	1
31	B286 1474	Lens:Front	1
32	B238 1521	Dial	1
33	B238 1522	Cover:Volume:Lower	1
34	B238 1511	Keytop - Counter	1
35	B238 1547	Spacer - Keytop	1
101	0450 3010N	Tapping Screw - M3x10	
102	0954 3006N	Screw - M3x6	
103	0353 0060N	Bind Screw - M3x6	
104	1105 0032	Clamp	
105	1105 0516	Clamp	

4.Scanner Section 1 (B286/B289/G180)



4.Scanner Section 1 (B286/B289/G180)

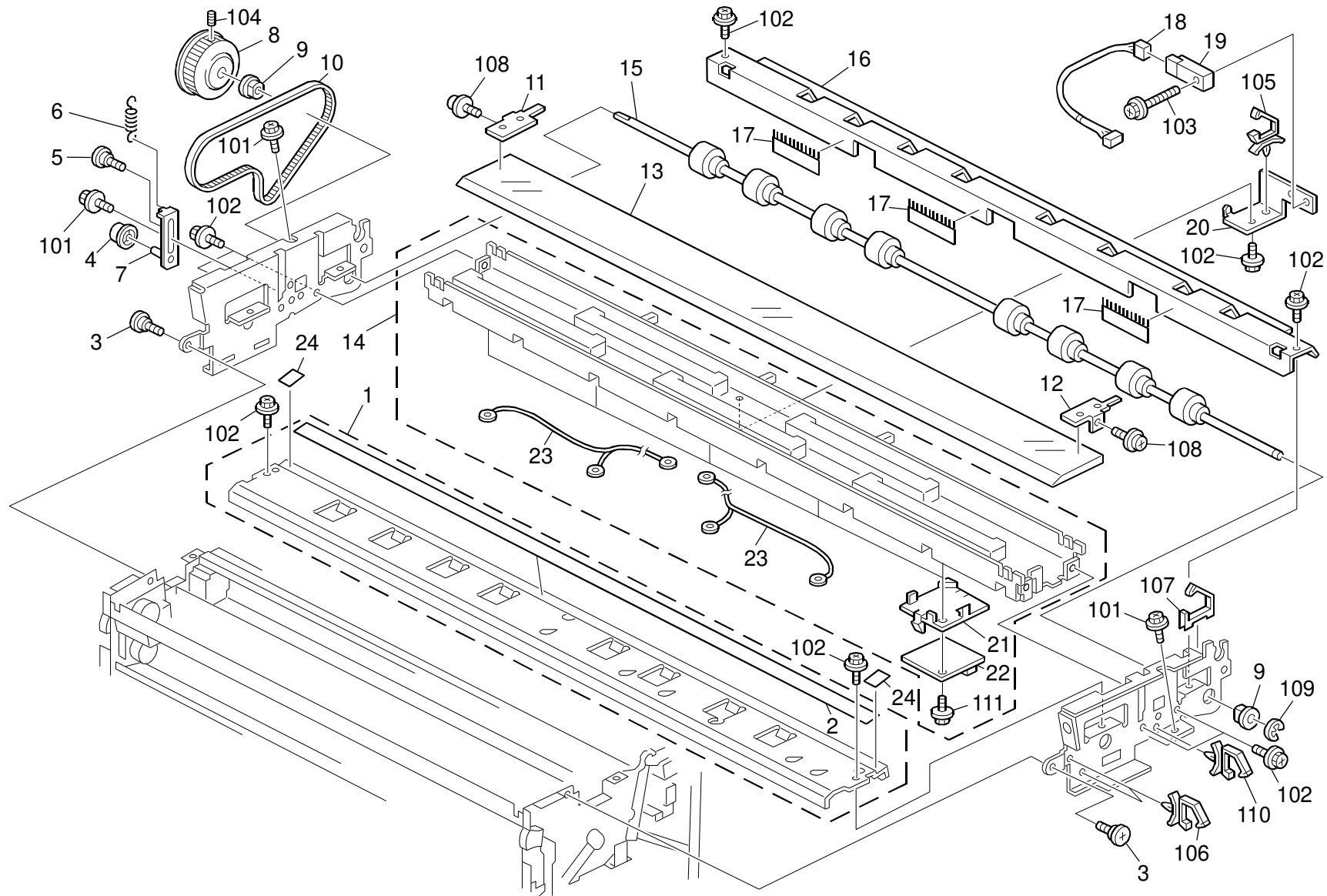
Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3823	Tapping Screw	2
2	B286 4966	Bracket:Pressure Plate:Left	1
3	B125 4809	Cover:Original:Drive	1
4	B125 5688	Grounding Wire:Scanner Unit:1	1
5	B125 5683	Ground Wire:Pressure Plate	2
6	AA06 3419	Spring - 10N	2
7	B125 4852	Case:Spring	2
8	B125 4853	Plate:Spring	2
9	B286 4940	Pressure Plate	1
10	B125 4742	Supporting Plate:Cover:Original	1
11	H004 3755	Square Bushing	3
12	B286 5763	Harness:DC:Operation	1
13	A422 1356	Pin - 3x26mm	2
14	B125 4732	Stopper:Original:Upper	2
15	AA06 3444	Spring:Stopper:Original	2
16	A163 6052	Original Table Bushing	2
17	B125 4761	Shaft:Contact Point:Original:Upper	2
18	B125 4870	Stand:Pressure Release:Left	1
19	H072 2207	Guard	4
20	AA14 3394	Stepped Screw - M3x10	2
21	B125 4864	Knob:Pressure Release	2
22	AA14 3543	Screw:M4:Dia6x1.7:Black	2
23	B125 4866	Bracket:Pressure Release	2
24	AA06 6370	Left Pressure Release Spring - 5N	1
25	AA14 3569	Screw	2
26	AA06 6371	Right Pressure Release Spring - 5N	1
27	B125 4871	Stand:Pressure Release:Right	1
28	AA06 3955	Spring:Driven:1.7N	4
	AA06 3416	X/X (201003 PCIL)	
29	AA08 2135	Bushing - DIA4	20
30	AA06 3416	Spring - 3.4N	4
	AA06 3956	X/O as set (201007 PCIL)	
31	AA06 3955	Spring:Driven:1.7N	8
32	D046 4822	Transport Roller:Driven:Rear	2
	AF02 2156	X/X (201003 PCIL)	

Index No.	Part No.	Description	Q'ty Per Assembly
33	AF02 2157	Rear Driven Transport Roller	4
34	B125 4738	Roller:Driven:Original	8
35	D046 4826	Roller:Driven	4
	B125 4752	X/X (201003 PCIL)	
36	B125 4751	Shaft:Driven	2
37	B125 4827	Sheet:Block Light:3	1
38	B125 4828	Sheet:Block Light:4	1
39	B125 4829	Sheet:Block Light:5	2
40	B125 4879	Sheet:Shield:Paper Size Sensor	7
41	B125 4825	Sheet:Block Light:1	2
42	B125 4725	Cover:Original:Upper	1
43	B286 4967	Bracket:Pressure Plate:Right	1
44	B125 4884	Cover:Original:Switch	1
45	AW50 0022	Push Switch	1
46	B286 4854	Cushion:Keytop:Original:Stop	1
47	B286 4767	Keytop:Original:Stop	1
48	B286 4885	Decal:Original:Operate:EXP	1
49	B125 4912	Shaft:Contact Point:Stopper	2
50	B125 4913	Shaft:Spring:Stopper	2
51	B125 4902	Bracket:Open And Close:Stopper:Left	1
52	B125 4901	Stopper:Open And Close:Left:Unit	1
	B125 4900	X/O (201011 PCIL)	
53	B125 4910	Tension Spring:Stopper	2
54	B125 4907	Bracket:Open And Close:Stopper:Right	1
55	B125 4906	Stopper:Open And Close:Right:Unit	1
	B125 4905	X/O (201011 PCIL)	
56	B125 4826	Sheet:Block Light:2	1
57	B286 5701	Ground Wire	1
58	B286 5750	Gasket:UC-300281:50mm	1
59	B286 4752	Driven Roller:Original Insert	8
		ADD (201003 PCIL)	
60	B286 4758	Sheet:Original Insert:B	6
		ADD as set (201007 PCIL)	

Index No.	Part No.	Description	Q'ty Per Assembly
60	B286 4753	Sheet:Original Insert:Middle Deleted X/O as set (201007 PCIL) ADD (201003 PCIL)	4
61	B286 4757	Sheet:Original Insert:A	2
61	B286 4754	X/O as set (201007 PCIL) ADD (201003 PCIL)	

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 3006Q	Tapping Screw - M3x6	
102	0451 3008N	Tapping Screw - M3x8	
103	0451 3006N	Tapping Screw - 3x6	
104	0451 4016N	Tapping Screw:4x16	
105	0450 3008N	Tapping Screw - M3x8	
106	0450 4008N	Tapping Screw - M4x8	
107	0720 0020E	Retaining Ring - M2	
108	1105 0518	Edge Saddle - LES-1010	
109	1105 0516	Clamp	
110	1105 0487	Harness Clamp	
111	0736 0406	Bushing:DIA4x6	
	0733 0406	O/O (200911 PCIL)	
112	0720 0030E	Retaining Ring - M3	
113	0703 0040N	Spring Washer:DIA4	

5.Scanner Section 2 (B286/B289)

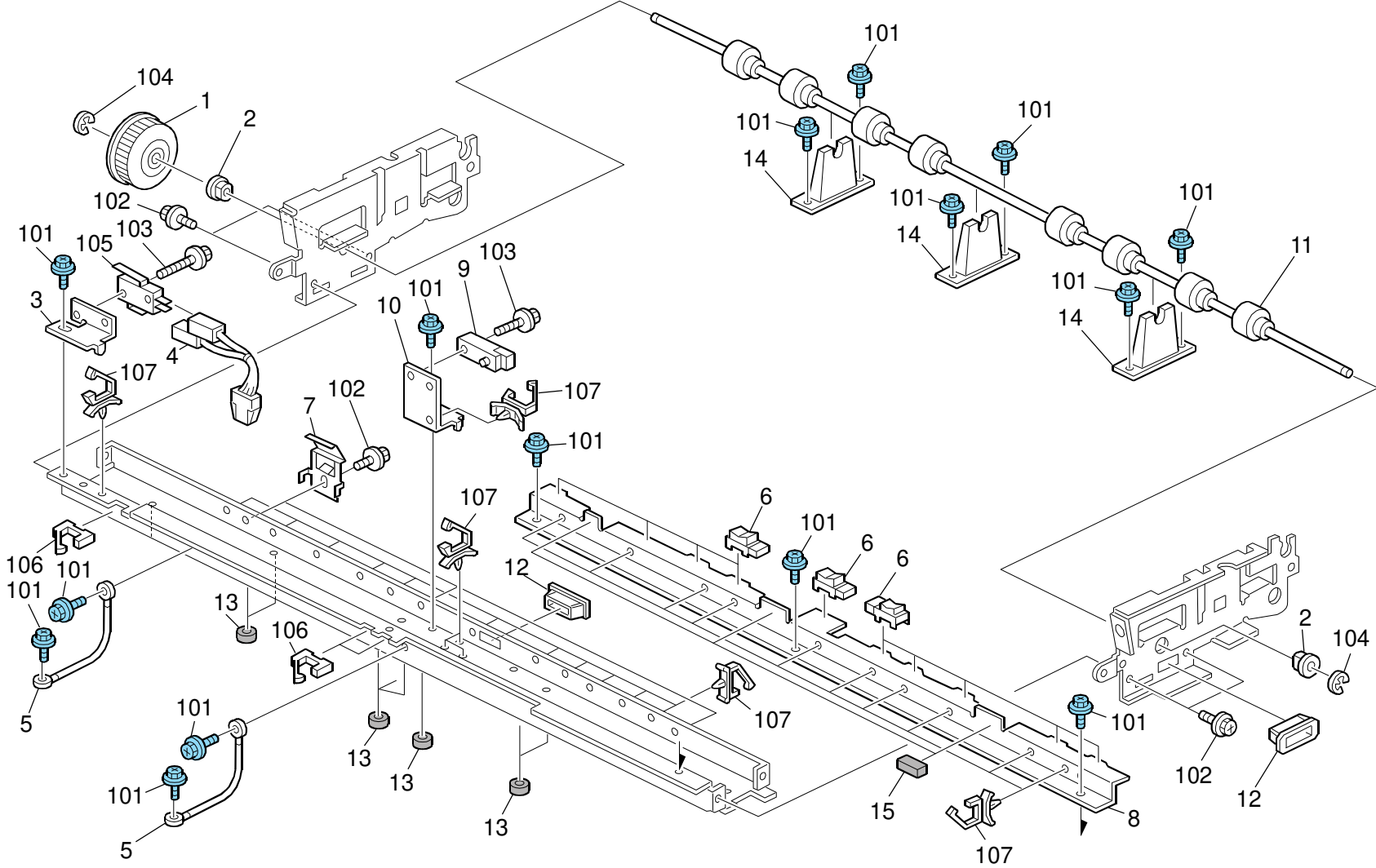


5.Scanner Section 2 (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 4692	Guide Plate:Front Lower:NA	1
1	B286 4682	Guide Plate:Front Lower:EU	1
2	B125 4689	Front CIS Guide	1
3	B188 3575	Screw:Lever:Release:Blade	2
4	G568 2839	Tightener - M16	1
5	5447 2769	Stepped Screw	1
6	AA06 0943	Belt Tensioner Spring	1
7	B125 4815	Tensioner:Belt	1
8	AB03 0745	Pulley - 76T	1
9	5053 0223	Bushing - 8mm	2
10	AA04 3588	Timing Belt - B60S2M480	1
11	B125 1728	Spring Plate:Exposure Glass:Left	1
12	B125 1727	Spring Plate:Exposure Glass:Right	1
13	AC01 0006	Exposure Glass	1
14	B286 1601	Contact Image Sensor Unit	1
15	B286 4675	Transport Roller:Original Exhaust	1
16	B286 4696	Guide Plate:Original:Rear Lower	1
17	AA12 0125	Front Discharge Brush	3
18	B275 5686	Harness - DC Scanner Unit	1
19	AW01 0109	Photo Reflection Sensor:PS117ED1	1
20	B286 4616	Bracket:Original:Exit Sensor	1
	B125 4616	O/O (201005 PCIL)	
21	B286 1803	Holder:CISIF	5
22	B286 5114	PCB:CISIF	5
23	B286 5758	Ground Wire:CISIF	2
24	B286 4691	Guide:CIS:Front:Small	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - 4x6	
102	0451 3006N	Tapping Screw - 3x6	
103	0451 3014N	Tapping Screw:3x14	
104	0574 0050E	Hexagon Headless Set Screw - M4x5	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	1105 0487	Harness Clamp	
107	1105 0518	Edge Saddle - LES-1010	
108	0951 3006N	Screw - M3x6	
109	0720 0060E	Retaining Ring - M6	
110	1105 0516	Clamp	
111	0451 3008N	Tapping Screw - M3x8	

6.Scanner Section 3 (B286/B289)

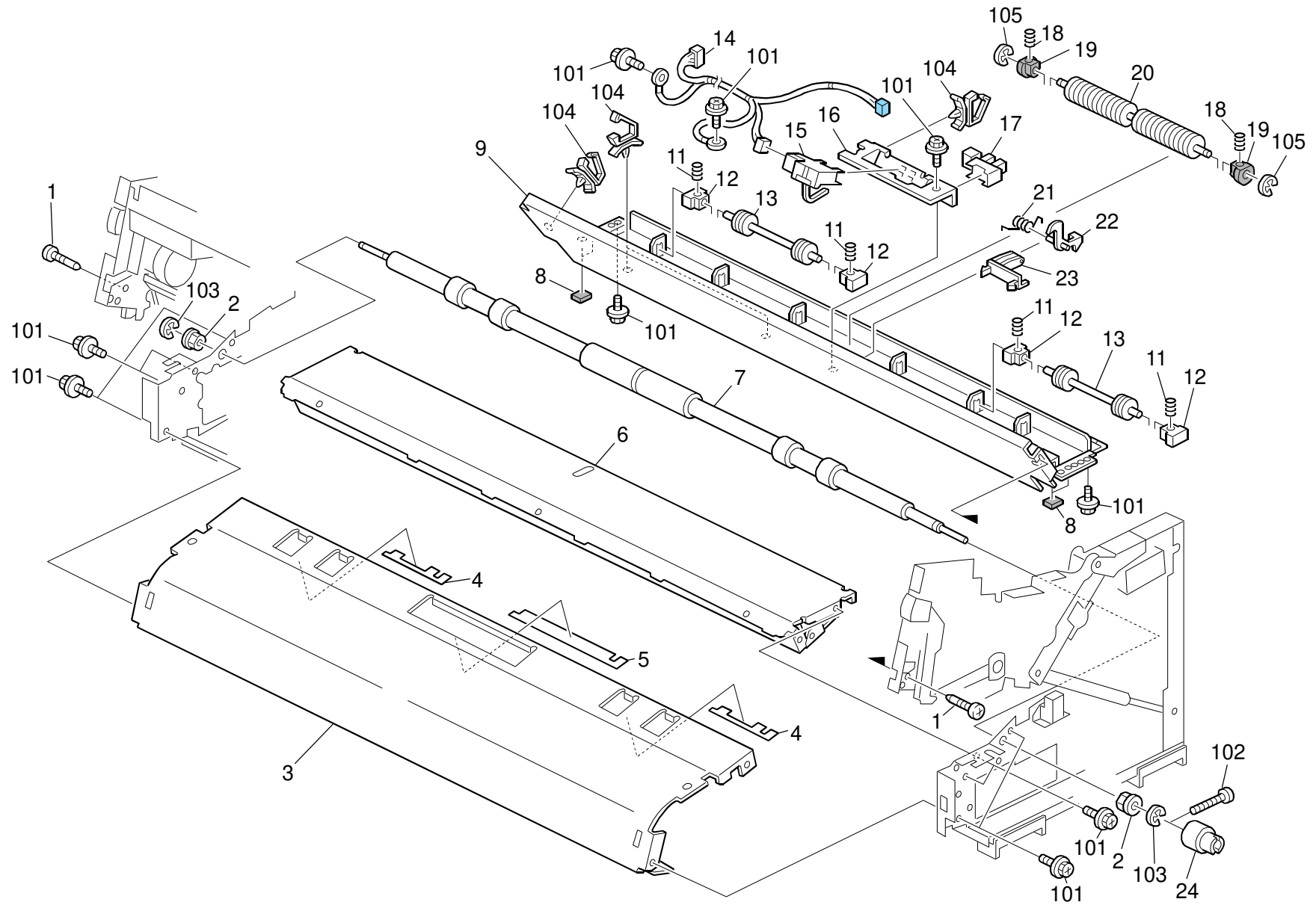


6.Scanner Section 3 (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AB03 0746	Pulley - 76T	1
2	5053 0223	Bushing - 8mm	2
3	B125 4652	Bracket:Set Sensor	1
4	B125 5691	Harness:DC:Scanner Unit:Set Sensor	1
5	B286 5741	Ground Wire:Scanner Unit:2	2
6	AW01 0107	Paper Feed Sensor	10
7	B125 4753	Grounding Plate:Original:Frontlower	3
8	B286 4631	Bracket:Original Sensor:NA	1
8	B286 4630	Bracket:Original Sensor	1
9	AW01 0109	Photo Reflection Sensor:PS117ED1	1
10	B125 4613	Bracket:Registration Sensor	1
11	B286 4665	Transport Roller:Original Insert	1
12	H004 3755	Square Bushing	2
13	H072 2207	Guard	8
14	B125 4656	Bushing:Arm:Front	3
15	B286 5768	Gasket:Scanner:Guide Plate:Front	3
	B286 5751	O/O (200909 PCIL)	

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 3006Q	Tapping Screw - M3x6	
102	0451 3006N	Tapping Screw - 3x6	
103	0451 3014N	Tapping Screw:3x14	
104	0720 0060E	Retaining Ring - M6	
105	1204 2529	Switch - V-5F912DN	
106	1105 0723	Clalmps:WES-0507	
	1105 0522	X/O (201007 PCIL)	
107	1105 0511	Harness Clamp - LWS-0306ZC	

7. Paper Registration (B286/B289/G180)

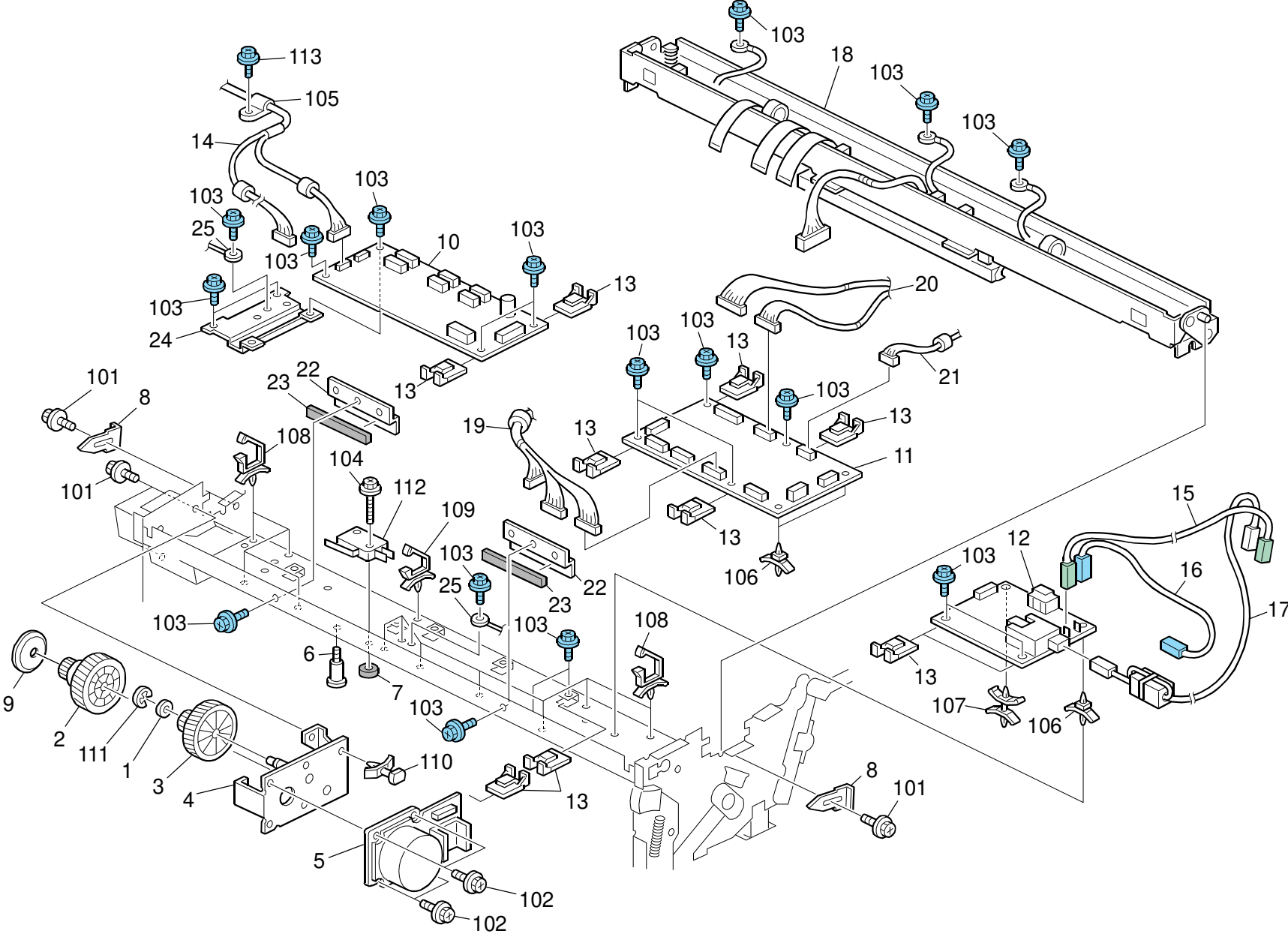


7.Paper Registration (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3788	Pin:Guide Plate:Paper Feed	2
2	AA08 2104	Bushing - 8x12x7	2
3	B125 2571	Guide Plate:Lower	1
4	B125 2585	Sheet:Manual Feed:Left And Right	2
5	B125 2584	Sheet:Manual Feed:Middle	1
6	B125 2572	Guide Plate:Manual Feed	1
7	AF02 0599	Registration Roller	1
8	B286 5769	Gasket:Registration:Guide Plate	4
	B286 5755	O/O (200909 PCIL)	
9	B125 2575	Guide Plate:Registration:Upper	1
11	AA06 3900	Registration Compression Spring	4
12	AA08 2135	Bushing - DIA4	4
13	AF02 2128	Transport Driven Roller	2
14	B275 5693	Harness - DC Registration Sensor	1
15	AW02 0180	Paper Feed Sensor	1
16	B125 2581	Bracket:Sensor	1
17	GW02 0020	Photointerruptor:LG248NL1	1
18	AA06 3427	Spring:9.8N	2
19	5442 2751	Bushing - Upper Registration Roller	2
20	AF02 0603	Middle Driven Roller	1
21	AA06 6255	Feeler Spring	1
22	B125 2579	Feeler:Registration Sensor	1
23	B125 2580	Holder:Feeler	1
24	A222 2680	Torque Limiter	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0801 0228	Pan Head Screw:M2.3x12	
103	0720 0060E	Retaining Ring - M6	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	0720 0040E	Retaining Ring - M4	

8.Image Prosessing (B286/B289/G180)

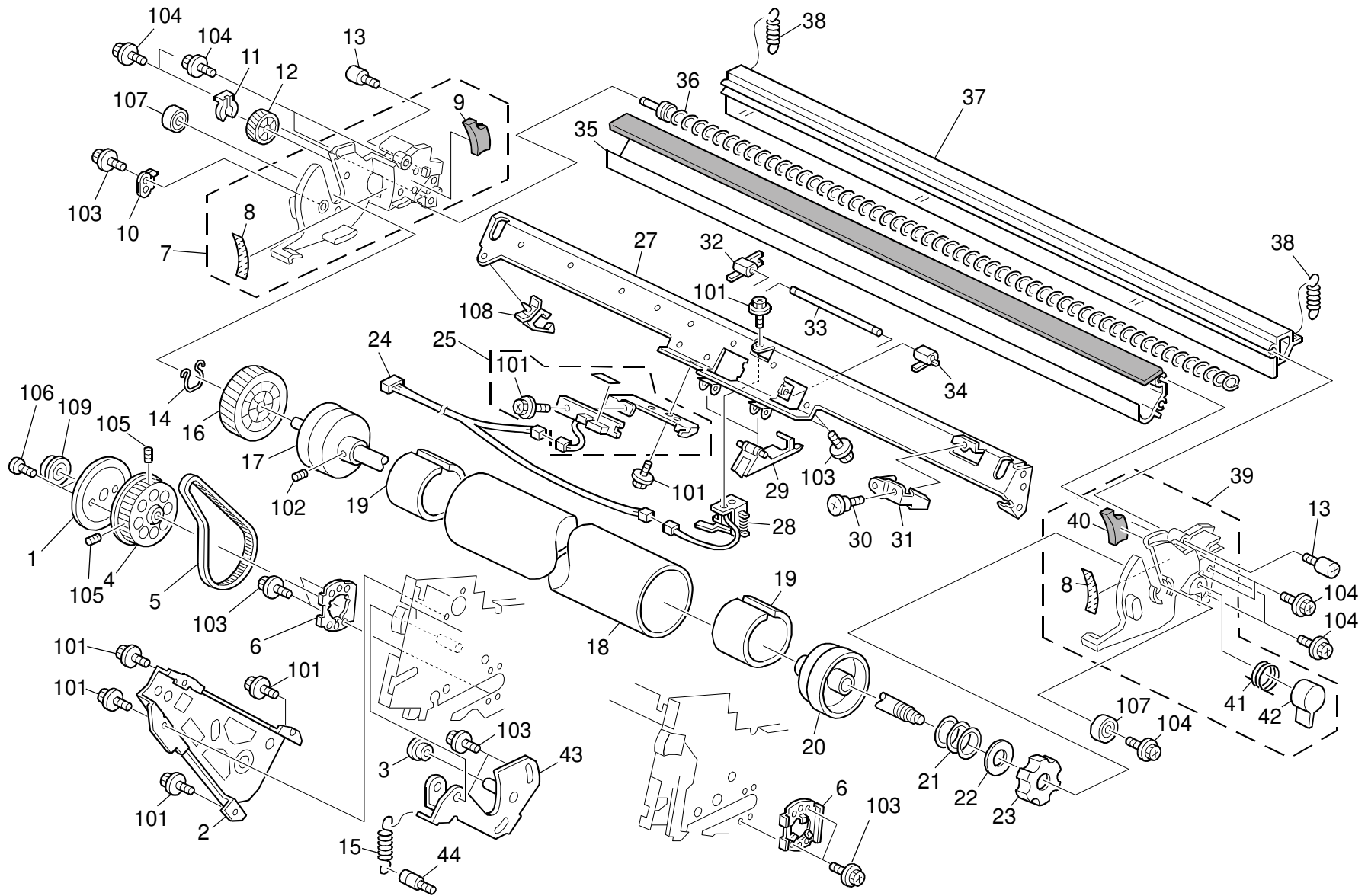


8.Image Prossessing (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA13 2013	Spacer	1
2	AB01 7741	Gear:Timing Pulley:Z100/T31	1
3	AB01 7676	Gear - 32/100Z	1
4	B286 1135	Bracket:DC Motor:Ass'y	1
	B286 1136	O/O (201008 PCIL)	
5	AX06 0296	Brushless Motor:DC24V24W:Z9	1
6	AA14 3139	Shoulder Screw - Pressure Arm	1
7	H072 2207	Guard	1
8	B125 1971	Plate:Shaft	2
9	B286 1139	Flange:Pulley	1
10	B286 5400	PCB:VDB:DPIT	1
11	B286 5110	PCB:SIB	1
	B286 5100	X/O MB4	
12	AZ32 0151	Power Pack:CGB	1
13	B286 1160	Cover:Printed Circuit Board	10
	B125 1156	O/O (201010 PCIL)	
14	B286 5722	Harness:DC:LVDS:Main (B286/B289)	1
14	G180 5722	DC Main Harness - LVDS (G180)	1
15	B286 5715	Harness:High Voltage:Grid	1
16	B286 5714	Harness:High Voltage	1
17	B286 5716	Harness:High Voltage:Charge Corona	1
18	B286 1860	LED Head:Unit (B286/B289)	1
18	G180 1860	LED Head:P1:Unit (G180)	1
19	B286 5732	Harness:DC:Scanner Unit:NA	1
19	B286 5723	Harness:DC:Scanner Unit	1
20	B286 5766	Harness:DC:SIB-CISIF	1
	B286 5724	X/O MB1	
21	B286 5757	Harness:DC:SIB-CISIF:CLK	1
	B286 5742	X/O MB1	
22	B286 5613	Stay:LVDS	2
23	B286 5619	Gasket:Stay:LVDS	2
	B286 5614	O/O (200909 PCIL)	
24	B286 5618	Bracket:VDB	1
25	B286 5758	Ground Wire:CISIF	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 4008N	Tapping Screw:4x8	
103	0454 3006Q	Tapping Screw - M3x6	
104	0451 3014N	Tapping Screw:3x14	
105	1105 0529	Nylon Clamp-EMT-3N	
106	1105 0193	Nylon Stud	
107	1105 0531	Locking Support-EMSS-4S	
108	1105 0488	Harness Clamp	
109	1105 0516	Clamp	
110	1105 0409	Card Spacer- 6.4mm	
111	0720 0060E	Retaining Ring - M6	
112	1204 2529	Switch - V-5F912DN	
113	0454 3008Q	Tapping Screw - M3x8	

9.Drum Section (B286/B289/G180)

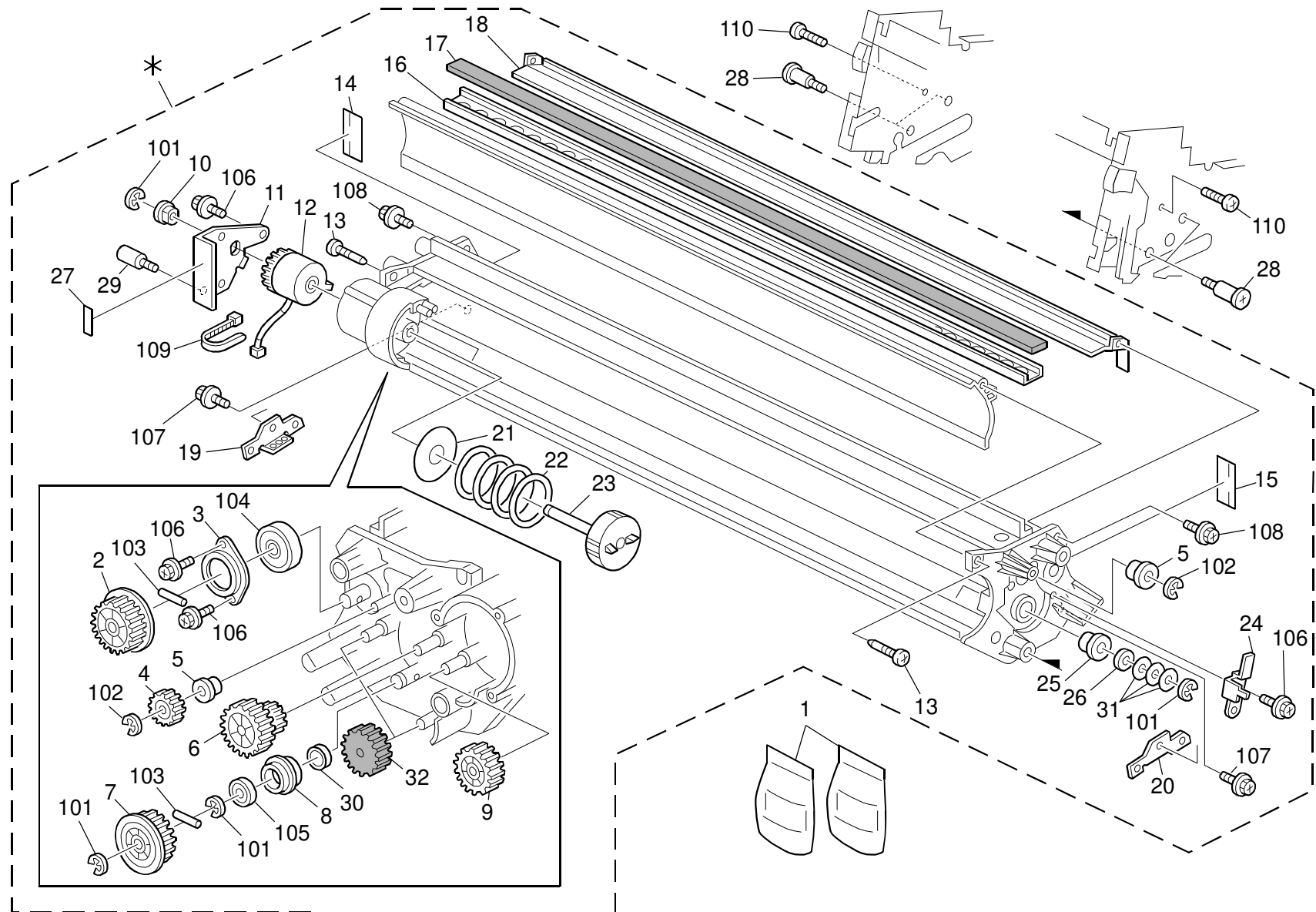


9.Drum Section (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 1151	Flange:Timing Pulley	1
2	B286 1131	Drum Stay	1
3	B286 1146	Pulley:Tightener	1
4	AB03 0812	Timing Pulley:T102	1
5	AA04 3655	Timing Belt:135S2M426	1
6	D093 2253	Holder:Ball Bearing	2
	B125 2253	X/O (201010 PCIL)	
7	B286 3555	Side Plate:Left	1
8	AA15 3135	Drum Right Shield	2
9	AA15 3134	Blade Left Shield	1
10	B188 2256	Stopper:Ball Bearing	1
11	5206 2686	Snap Ring	1
12	AB01 0364	Gear - 46Z	1
13	AA14 3335	Rear Shutter Pin	2
14	B125 2469	C-Ring:Drum Shaft	1
15	B286 1144	Spring:Tightener:Drum	1
16	AB01 0363	Gear - 146Z	1
17	AD01 5044	Shaft:Drum	1
18	B010 9510	Drum	1
19	B125 2472	Balancer:OPC Drum	2
20	AD01 4030	Drum Flange	1
21	AA06 3276	Pressure Spring	1
22	B188 2255	Spacer:Compression Spring:Drum	1
23	A163 2251	Drum Knob	1
24	B275 5692	Harness - DC Cleaning Unit	1
25	B125 3580	Density Sensor:Unit	1
27	D093 3566	Casing:Pickoff Pawl	1
	B125 3566	O/O (201012 PCIL)	
28	AX10 0032	DC Solenoid:Pickoff Pawl	1
29	A163 3611	Pick-off Pawl	2
30	B188 3575	Screw:Lever:Release:Blade	1
31	B188 3582	Lever:Release:Blade	1
32	A163 3608	Left Pressure Lever	1
33	A163 3609	Lever Shaft	1
34	A163 3607	Right Pressure Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
35	B125 3563	Casing:Cleaning	1
36	AD04 3085	Toner Collection Coil:Cleaning	1
37	B286 3581	Cleaning Blade	1
	A165 3581	O/O MB6	
38	AA06 2325	Cleaning Blade Spring	2
39	B125 3551	Side Plate:Right	1
40	AA15 3133	Blade Right Shield	1
41	AA06 6664	Toner Outlet Shutter Spring	1
42	B125 3554	Shutter:Discharge Used Toner	1
43	B286 1141	Tightener	1
44	AA14 3546	Anchor:Cassette Sensor	2
101	0451 3006N	Tapping Screw - 3x6	
102	0575 0050E	Hexagon Headless Set Screw - M5x5	
103	0451 4008N	Tapping Screw:4x8	
104	0451 4010N	Tapping Screw:4x10	
105	0574 0060E	Hexagon Headless Set Screw - M4x6	
106	0453 3008N	Binding Self Tapping Screw:3x8	
107	0805 3471	Bushing - M8x22x7	
108	1105 0511	Harness Clamp - LWS-0306ZC	
109	0741 3706	Ball Bearing - 6x10x3	

10. Development Unit (B286/B289/G180)

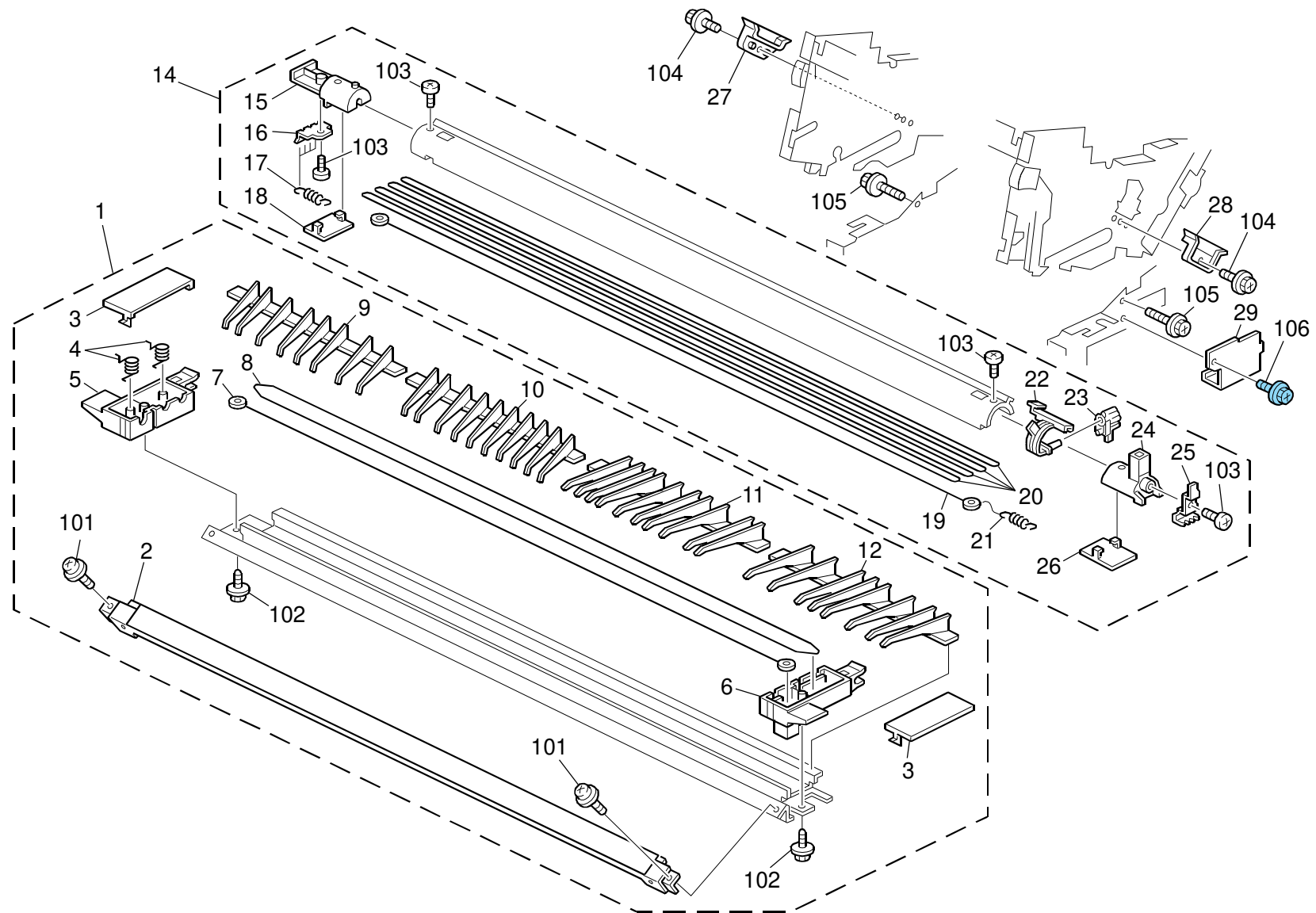


10.Development Unit (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B286 3006	Development Unit	1
1	B125 9640	Developer Type 30W Black	1
2	A174 1163	Development Sleeve Gear	1
3	AA08 4057	Bearing Case:DIA26	1
4	AB01 3921	Gear - 20Z	1
5	AA08 0336	Bushing:DIA6	2
6	A174 1164	Auger Gear	1
7	A174 1167	Paddle Gear	1
8	B125 3233	Bearing Case	1
9	A174 1162	Idle Gear - 28Z	1
10	5446 6214	Shaft Holder - Pick-up Roller	1
11	B125 3205	Stay:Toner Hopper	1
12	AX20 0272	Spring Clutch:Toner Hopper	1
13	AA14 3788	Pin:Guide Plate:Paper Feed	2
14	AA15 3451	Left Shield - Side Plate	1
15	AA15 3450	Right Shield - Side Plate	1
16	B188 3101	Filter Bracket	1
17	AA01 2081	Development Filter	1
18	B010 3150	Entrance Seal	1
19	D046 2582	Bracket:Positioning:Left	1
	B125 2582	O/O MB10	
20	D046 2583	Bracket:Positioning:Right	1
	B125 2583	O/O MB10	
21	B010 3211	Drum Stay:Spring	1
22	B010 3212	Spring:Joint	1
23	B010 3206	Joint:Toner Hopper:Unit	1
24	B125 3213	Electrode Plate:Development	1
25	AA08 0340	Bushing DIA8	1
26	AA13 2097	Spacer	1
27	B125 4817	Sheet:Magnet Catch	1
28	AA14 3719	Development Unit Shaft	4
29	BA14 6013	Pin - Stopper Click	1
30	5219 3326	Rubber Seal - Paddle Roller	1
31	B125 3230	Spacer - 0.3	3
32	B010 3121	Gear - 28Z	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0720 0050E	Retaining Ring - M5	
103	0633 0200G	Pin - M3x20	
104	0805 3516	Ball Bearing - 10x26x8	
105	0805 3517	Ball Bearing - 8x16x5	
106	0451 4006N	Tapping Screw - 4x6	
107	0451 4010N	Tapping Screw:4x10	
108	0451 3010N	Tapping Screw:3x10	
109	1105 0042	Wire Band	
110	0315 0100N	Pan Head Screw:M5x10	

11.Charge & Transfer Unit (B286/B289/G180)

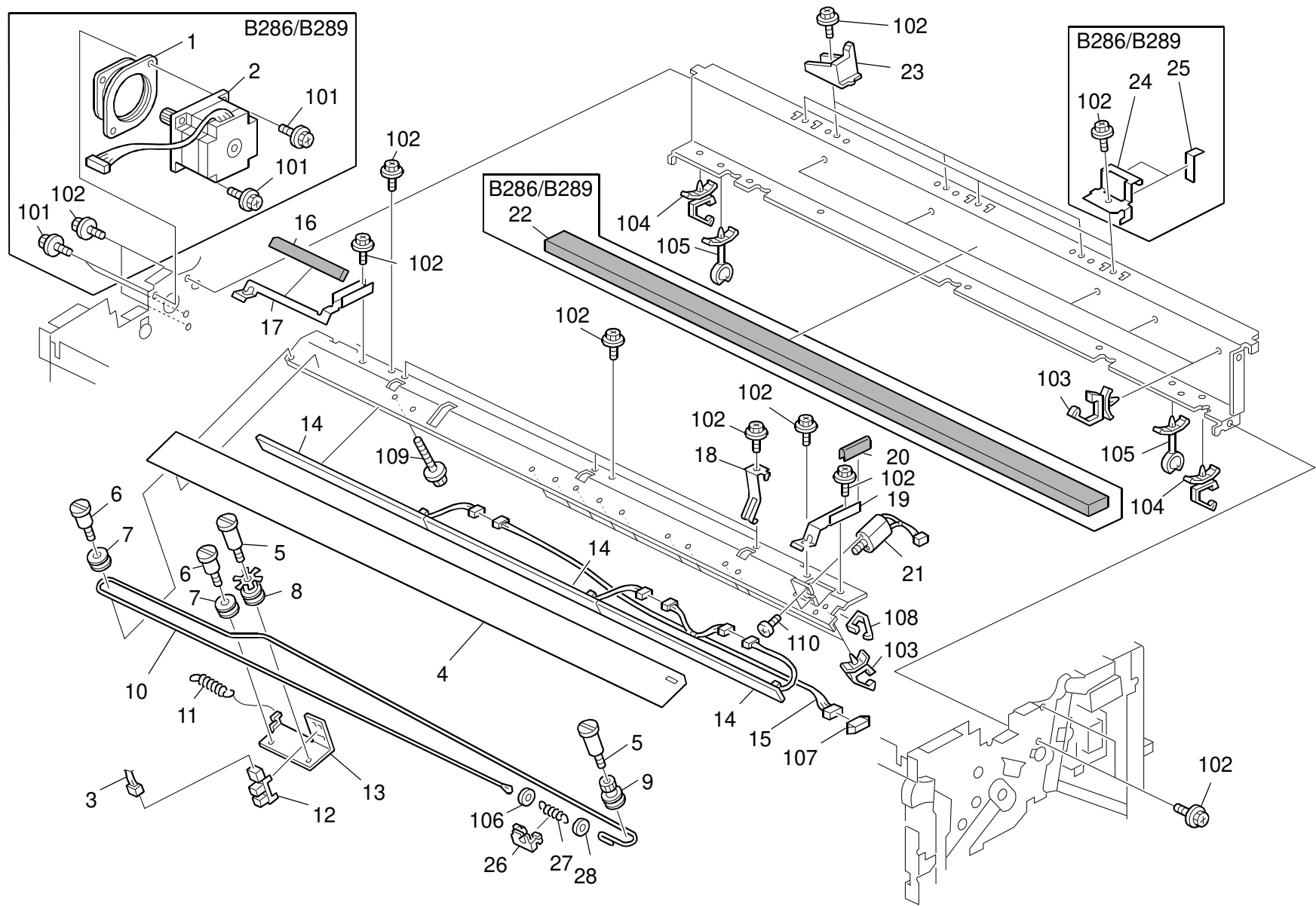


11.Charge & Transfer Unit (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 3830	T/S Corona Unit	1
2	B286 3855	Sheet:Entrance:Transfer:Ass'y	1
3	AD02 2320	End Block Cover - T & S	2
4	AA06 6254	Corona Wire Spring	2
5	AD02 2373	End Block:T/S Corona:Left	1
6	AD02 2372	End Block:T/S Corona:Right	1
7	AD02 0059	Corona Wire - Main	1
8	AD02 0072	Corona Wire - Separation	1
9	A174 3938	Left Paper Guide - T/S Outer	1
10	A174 3932	Guide:Paper:T/S Corona:Middle:Left	1
11	A174 3931	Guide:Paper:T/S Corona:Middle:Right	1
12	A174 3937	Right Paper Guide - T/S Outer	1
14	AD00 4104	Charge Corona Unit	1
15	AD02 2377	Left End Block	1
16	A163 2052	Left Grid Terminal	1
17	AA06 0749	Spring	4
18	AD02 2317	Left End Block Cover - Charge	1
19	AD02 0089	Charge Corona Wire - G	1
20	AD02 0090	Grid Wire	4
21	AA06 0965	Spring:Corona Wire:Charge	1
22	B125 2060	Cleaner:Slider	1
23	B125 2061	Cleaner:Charge Corona	1
24	AD02 2380	End Block:Charge Corona:Right:Ass'y	1
25	B125 2018	Terminal:Grid:Right	1
26	AD02 2369	End Block Cover - Charge Corona	1
27	B010 2062	Left Holder - Charge Corona	1
28	B010 2061	Right Holder - Charge Corona	1
29	B125 3868	Shielding Plate:Harness	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0951 3006N	Screw - M3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	0313 0050N	Philips Pan Head Screw - M3x5	
104	0451 4006N	Tapping Screw - 4x6	
105	0451 3008N	Tapping Screw - M3x8	
106	0454 3006Q	Tapping Screw - M3x6	

12.Charge Cleaning Section (B286/B289/G180)

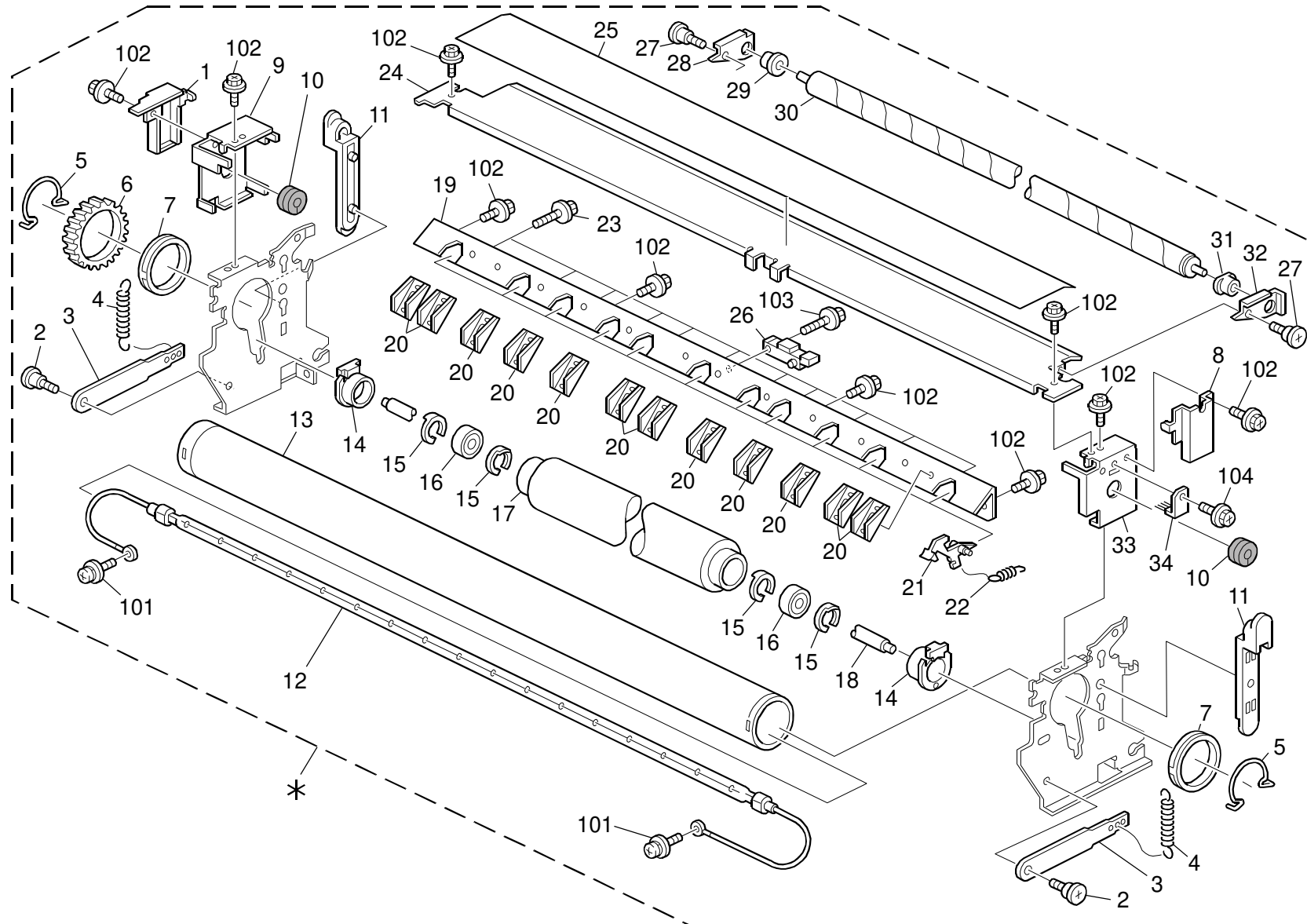


12.Charge Cleaning Section (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A675 2629	Stepper Motor Cushion	1
2	B275 4770	Stepper Motor DC3.05V 4.4W	1
3	B275 5657	Harness - DC Charge 1	1
4	B125 2130	Shielding Plate:Charge Corona	1
5	AA14 3786	Stepped Screw:M3x10.3	2
6	AA14 3787	Stepped Screw:M3x14.2	2
7	AB03 2723	Pulley:Left	2
8	AB03 2724	Pulley:Encoder	1
9	AB01 7664	Gear:Pulley:Right	1
10	AA05 0113	Wire:Cleaner	1
11	B125 2085	Tension Spring:4291MN	1
12	GW02 0020	Photointerruptor:LG248NL1	1
13	B125 2070	Bracket	1
14	AX50 0099	Discharge Lamp:P2	3
15	B275 5690	Harness - DC QL	1
16	B125 2125	Guard:Spring Plate:Left	1
17	B125 2124	Spring Plate:Charge Corona:Left	1
18	B125 2106	Spring Plate:Earth	3
19	B125 2127	Spring Plate:Charge Corona:Right	1
20	B125 2128	Guard:Spring Plate:Right	1
21	AX04 0147	DC Motor:Cleaner:0.5W	1
22	B286 4755	Shield:Block Light	1
23	B125 4697	Bushing:Arm:Rear	3
24	B125 4754	Grounding Plate:Original:Rear Lower	3
25	B125 4756	Guard:Grounding Plate:Rear	6
26	B125 2113	Holder:Wire	1
27	AA06 0965	Spring:Corona Wire:Charge	1
28	B275 2036	Washer - DIA3	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4010N	Tapping Screw:4x10	
102	0451 3006N	Tapping Screw - 3x6	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	1105 0489	Harness Clamp - LWS 1316	
105	1105 0348	Clamp	
106	0708 0040N	Washer - DIA4	
107	1102 6245	Relay Connector - 2P	
108	1105 0723	Clalmps:WES-0507	
	1105 0522	X/O (201007 PCIL)	
109	0451 3014N	Tapping Screw:3x14	
110	0252 0020N	Pan Head Screw:M2x2	

13.Fusing Unit 1 (B286/B289/G180)

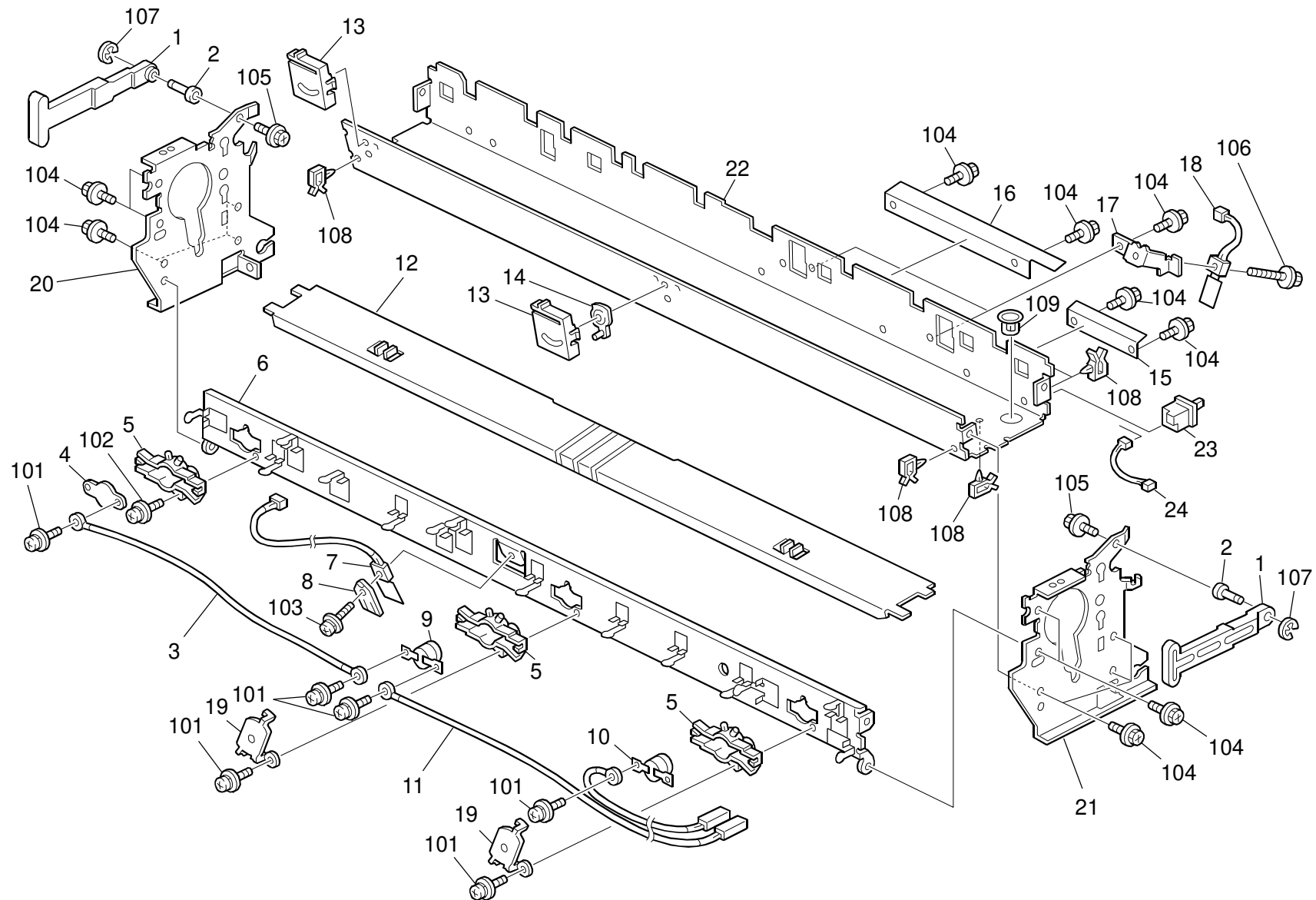


13.Fusing Unit 1 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B286 4006	Fusing Unit 120V	1
*	B286 4007	Fusing Unit 230V	1
1	B286 4137	Cover:Heater:Left	1
2	AA14 3810	Development Cover Screw	2
3	B125 4172	Lever:Pressure	2
4	AA06 2340	Spring - Pressure	2
5	B125 4130	C-Ring:MM50	2
6	AB01 4268	Gear:Drive:Fusing	1
7	AE03 1056	Bushing - Fusing	2
8	B286 4138	Cover:Heater	1
	B125 4137	O/O MB3	
9	B286 4133	Bracket:Heater:Left	1
	B286 4136	O/O (201007 PCIL)	
10	A023 4096	Fusing Lamp Supporter	2
11	B125 4173	Lever:Pressure Release:Lower	2
12	AX45 0042	Heater:120V:1150W	1
12	AX45 0043	Heater:230V:1150W	1
13	AE01 1122	Hot Roller	1
	AE01 1085	O/O MB7	
14	B286 4148	Holder:Pressure Roller	2
15	A163 4109	C - Ring - 19m	4
16	AE03 0050	Ball Bearing - 20x32x7	2
17	AE02 0148	Pressure Roller:MM55	1
18	B125 4145	Shaft:Pressure Roller	1
19	B125 4194	Guide Plate:Fusing Exit:Lower	1
20	B125 4195	Guide:Auxiliary:Fusing Exit	12
21	AE04 4055	Pressure Roller Pickoff Pawl	11
22	AA06 0942	Pressure Roller Pickoff Pawl Spring	11
23	0451 4010N	Tapping Screw:4x10	11
	AA14 3799	O/O (200908 PCIL)	
24	B286 4211	Fusing Cover:Upper	1
	B125 4211	O/O (201005 PCIL)	
25	D093 4373	Heat Insulation:Cover:Fusing	1
	B125 4215	O/O (201102 PCIL)	
26	AW01 0127	Paper Feed Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly
27	AA14 3854	Screw	2
28	B286 4214	Arm:Cleaning Roller:Left	1
29	5053 0447	Bushing - 6mm	1
30	AE04 2047	Fusing Cleaning Roller	1
31	AA08 3016	Roller Clutch - 6x14x10	1
32	B286 4213	Arm:Cleaning Roller:Right	1
33	B286 4132	Bracket:Heater:Right	1
	B286 4134	O/O (201007 PCIL)	
	B286 4135	O/O (201007 PCIL)	
34	AA12 0127	Discharge Brush:Fusing	1
101	0954 3006N	Screw - M3x6	
102	0804 6127	Hexagonal Bolt:Double Screw:M3x8	
	0451 3006N	O/O (201007 PCIL)	
103	0451 3014N	Tapping Screw:3x14	
104	0451 4006N	Tapping Screw - 4x6	

14.Fusing Unit 2 (B286/B289/G180)

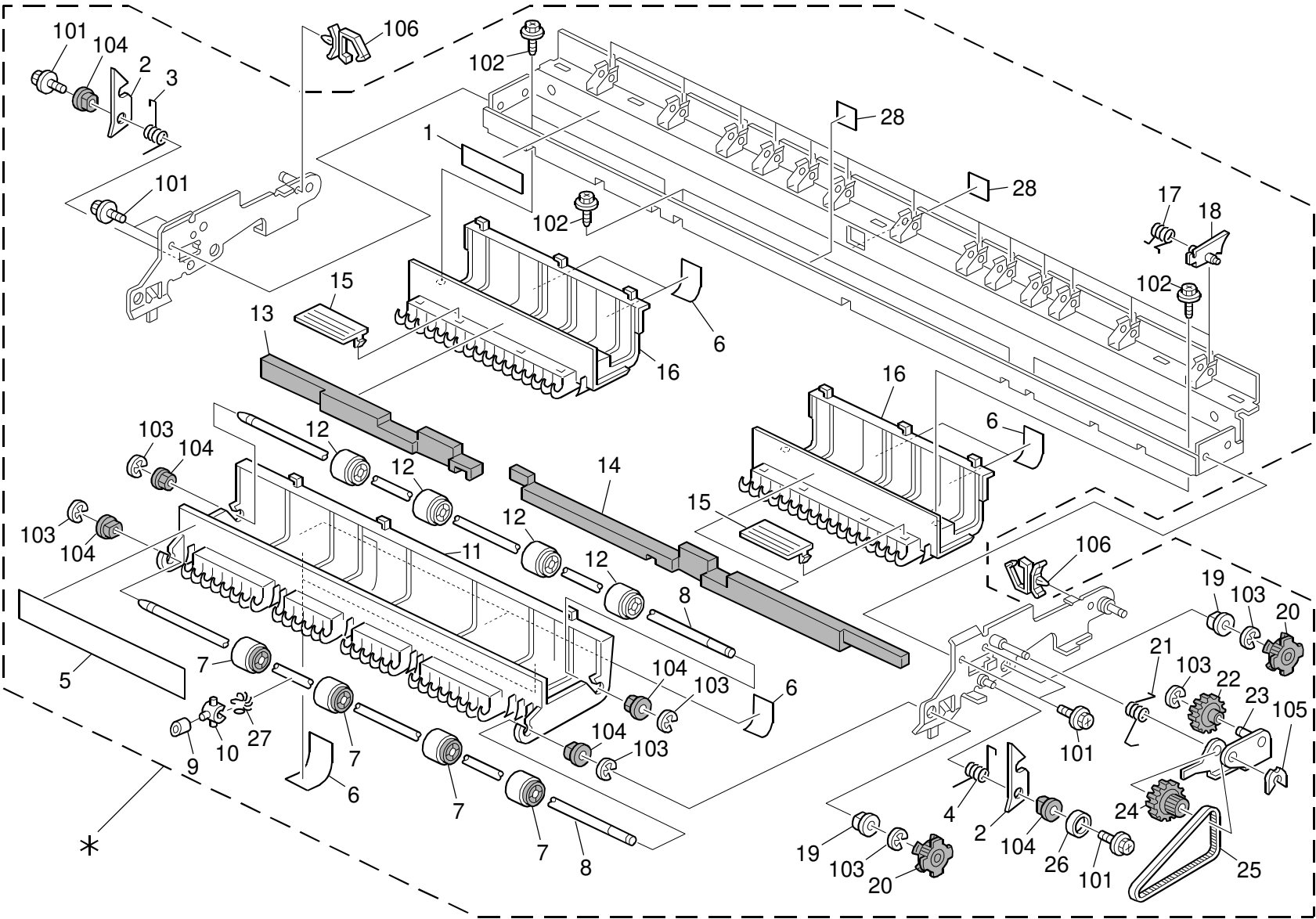


14.Fusing Unit 2 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A163 4183	Upper Pressure Release Lever	2
2	B125 4174	Shaft:Lever:Pressure Release	2
3	B125 5602	Harness:AC:Fusing:Connecting:1	1
4	B125 4156	Electrode Plate:Thermostat	1
5	B104 4084	Thermostat Housing	3
6	B286 4151	Stay:Fusing:Upper:Ass'y	1
	B125 4151	O/O (201011 PCIL)	
7	AW10 0087	Fusing Thermistor	1
8	B004 4087	Plate- Thermistor	1
9	AW11 0053	Thermostat - 199C 250V/10A	1
10	AW11 0054	Thermostat - 200C 250V/10A	1
11	B125 5606	Harness:AC:Fusing:Connect:120V	1
11	B125 5607	Harness:AC:Fusing:Connect:220/230V	1
12	B286 4180	Fusing Entrance Guide Plate	1
12	B125 4180	O/O (201106 PCIL)	
13	A163 4122	Entrance Guide Plate Holder	2
14	A163 4124	Holder Cam	1
15	B125 1269	Sheet:Fusing:Small	1
16	B125 1271	Sheet:Fusing:Large	1
17	B125 4162	Bracket:Thermistor	2
18	AW10 0053	Thermistor - Rear	2
19	B104 4086	Cover - Housing Thermostat	2
20	B286 4115	Side Plate:Fusing:Left	1
	B125 4115	O/O (201102 PCIL)	
21	B286 4105	Side Plate:Fusing:Right	1
	B125 4105	O/O (201102 PCIL)	
22	B286 4163	Stay:Lower:Fusing	1
23	G020 5626	Push Switch	1
24	B286 5702	Harness:DC:Fusing:Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0954 3006N	Screw - M3x6	
102	0954 3010N	Screw:Polished Round/Spring:M3x10	
103	0954 3012N	Screw - M3x12	
104	0451 3006N	Tapping Screw - 3x6	
105	0451 4008N	Tapping Screw:4x8	
106	0451 3012N	Tapping Screw:3x12	
107	0720 0040E	Retaining Ring - M4	
108	1105 0290	Harness Clamp - Horizontal	
109	1106 0193	Bushing - 7.9mm	

15.Paper Exit 1 (B286/B289/G180)

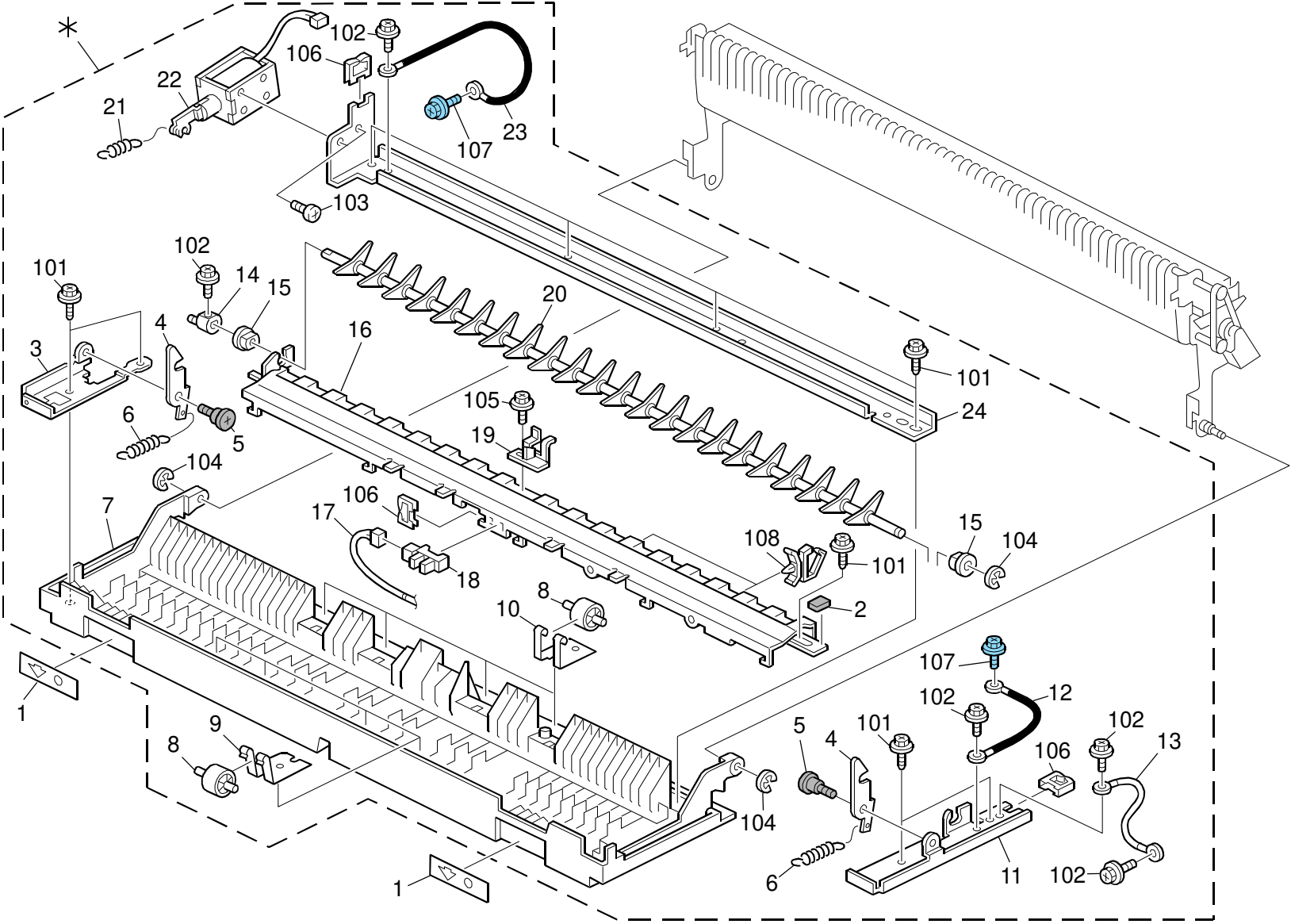


15.Paper Exit 1 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B286 4484	Fusing/Paper Exit Unit	1
1	AA00 0235	Decal:Warning:High Temperature	1
2	B188 4159	Positioning Plate:Lock	2
3	AA06 6256	Right Lock Spring	1
4	AA06 6257	Left Lock Spring	1
5	AA00 0226	Decal:Warning:High Temperature	1
6	B010 4312	Upper Guide	8
7	B125 4481	Upper Drive Exit Roller	4
8	AA14 0844	Exit Roller Shaft	2
9	A163 4236	Exit Tube	1
10	A163 4235	Tube Holder	1
11	B125 4477	Guide:Fusing/Paper Exit:Middle	1
12	B125 4479	Lower Drive Exit Roller	4
13	B286 4498	Shield:Guide:Right Upper	1
14	B286 4497	Shield:Guide:Left Upper	1
15	B286 4499	Grip:Exit	2
16	B286 4475	Guide:Fusing/Paper Exit Unit	2
	B125 4475	O/O (201005 PCIL)	
17	AA06 6052	Stripper Spring	13
18	AE04 4054	Stripper Pawls	13
19	AA08 2101	Bushing - 6x10x6	2
20	AB03 0474	Pulley - 24T	2
21	AA06 6643	Arm Spring	1
22	B010 4324	Idler Gear - 30Z	1
23	B125 4488	Arm:Drive:Fusing/Exit Unit	1
24	AB01 7680	Gear/Pulley - 24Z/24T	1
25	AA04 3527	Timing Belt - 230XL	1
26	B257 4231	Arm Stopper	1
27	AA06 1016	Spring:Middle	1
28	B286 4470	Sheet:Block Light:Exit Added MB5	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - 4x6	
102	0450 3008N	Tapping Screw - M3x8	
103	0720 0040E	Retaining Ring - M4	
104	0805 3385	Bushing - 6mm	
105	0805 0089	Retaining Ring - M4	
106	1105 0516	Clamp	

16.Paper Exit 2 (B286/B289/G180)

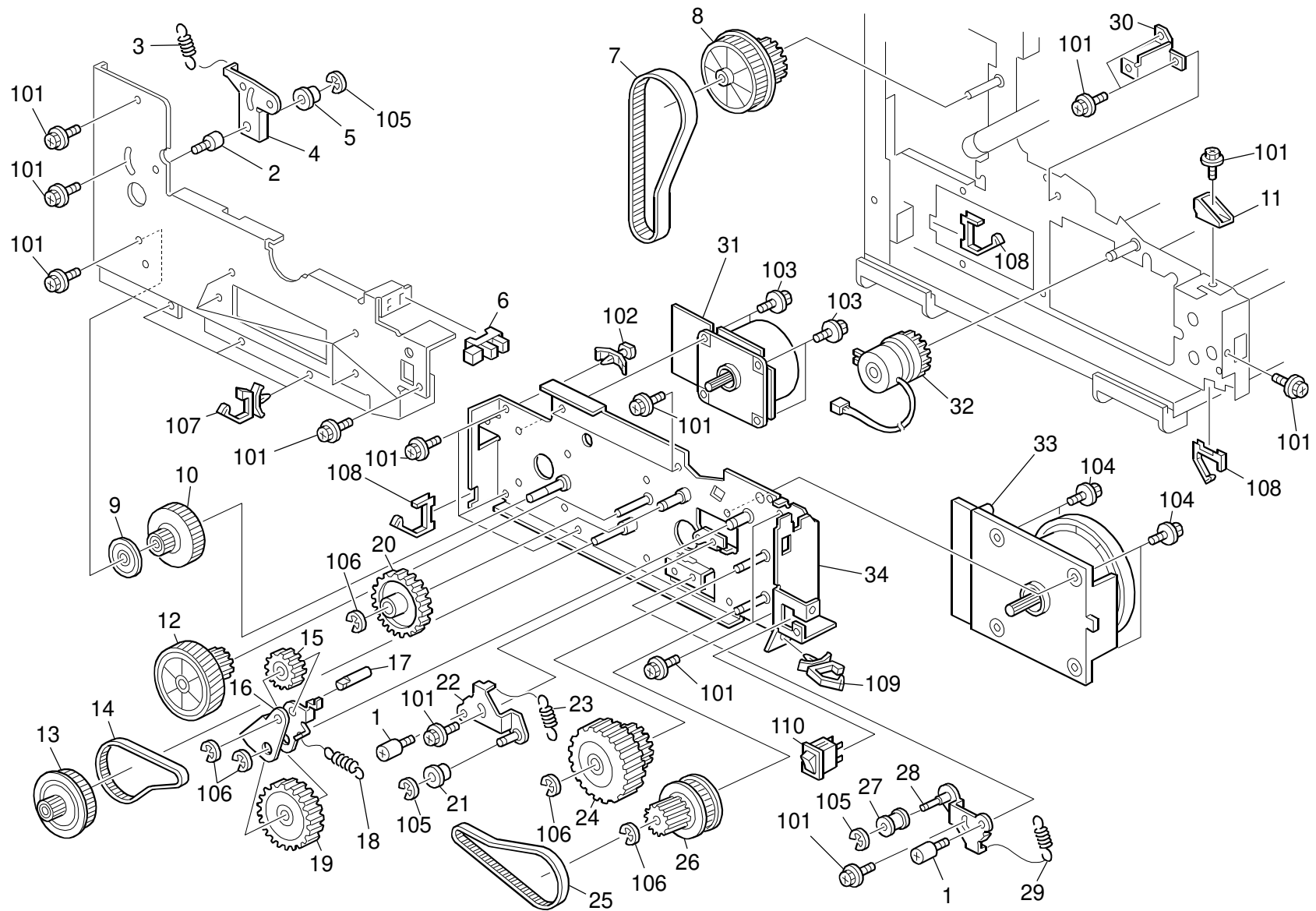


16.Paper Exit 2 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B286 4450	Paper Exit Unit	1
1	AA00 3210	Decal - Grip	2
2	B286 4471	Gasket:Guide Plate:Exit	1
	B286 4464	O/O (200909 PCIL)	
3	B286 4455	Bracket:Lock:Right	1
4	B125 4456	Positioning Plate:Exit	2
5	AA14 3810	Development Cover Screw	2
6	AA06 2337	Spring - Timing Belt Tension	2
7	B286 4451	Cover:Exit	1
	B125 4454	O/O (201008 PCIL)	
8	A163 4453	Exit Driven Roller	8
9	B125 4452	Leaf Spring:Exit Roller:Upper	4
10	B125 4453	Leaf Spring:Exit Roller:Lower	4
11	B125 4460	Bracket:Lock:Exit:Left	1
12	B188 4461	Ground Wire:Paper Exit Unit	1
13	B125 5643	Ground Wire:Scanner Unit:3	1
14	A174 4372	Gate Pawl Drive	1
15	AA08 2101	Bushing - 6x10x6	2
16	B125 4458	Guide Plate:Exit	1
17	B275 5671	Harness - DC Original Exhaust	1
18	AW02 0160	Paper Feed Sensor	1
19	B010 4458	Gate Pawl Plate	1
20	AF02 5029	Exit Separation Pawl	1
21	AA06 6366	Spring:Pressure Release	1
22	B286 4463	DC Solenoid:Gate Pawl	1
23	B286 5739	Ground Wire:Paper Exit Unit	1
24	B125 4462	Stay:Exit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3010N	Tapping Screw - M3x10	
102	0451 3006N	Tapping Screw - 3x6	
103	0353 0040N	Screw - M3x4	
104	0720 0040E	Retaining Ring - M4	
105	0451 4006N	Tapping Screw - 4x6	
106	1105 0328	Harness Clamp - ES-0505	
107	0454 3006Q	Tapping Screw - M3x6	
108	1105 0511	Harness Clamp - LWS-0306ZC	

17. Drive Section (B286/B289/G180)

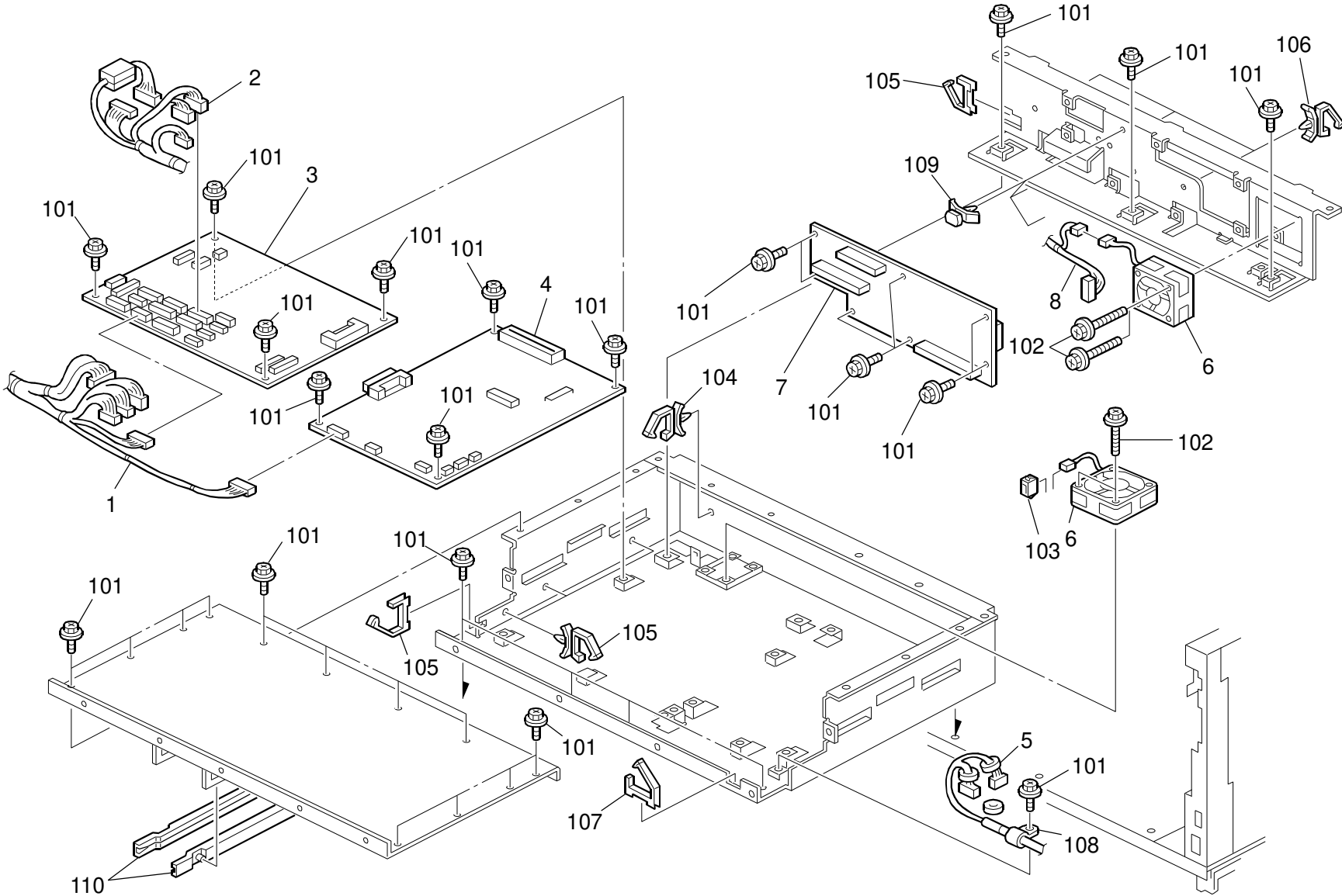


17. Drive Section (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3859	Positioning Pin	2
2	5918 3120	Stud - M4	1
3	AA06 2333	Tension Spring:2.16N	1
4	B125 1136	Tightener:Fusing	1
5	G568 2839	Tightener - M16	1
6	GW02 0020	Photointerruptor:LG248NL1	1
7	AA04 3654	Timing Belt:60S3M471	1
8	AB01 7675	Gear/Pulley - 30Z/63T	1
9	A259 1158	Pulley Flange	1
10	AB01 7740	Gear:Timing Pulley:Z83/T20	1
11	D093 1296	Cover:Gear:Development	1
	B624 2530	O/O (201102 PCIL)	
12	AB01 7739	Gear:Z112/Z19	1
13	AB01 7738	Timing Pulley:Gear:T70/Z40	1
14	AA04 3644	Timing Belt - B60S2M214	1
15	AB01 2049	Gear:Z28	1
16	B125 1146	Arm:Coupling:Development	1
17	B125 1147	Shaft:Coupling:Development	1
18	AA06 0969	Spring:Pressure Release	1
19	AB01 2052	Gear:Z50:Ass'y	1
20	AB01 4267	Gear - 46Z	1
21	D093 1129	Pulley:Tightener	1
	G020 4444	X/O (201202 PCIL)	
22	B125 1125	Tightener:Development	1
23	AA06 1006	Spring:Blade:Cleaning	1
24	AB01 7750	Gear:Z58/Z30:Ass'y	1
25	AA04 3653	Timing Belt:100S2M260	1
26	AB01 7734	Timing Pulley:T64/Z22	1
27	A548 2139	Pulley	1
28	B125 1130	Tightener:Registration	1
29	AA06 1011	Tension Spring	1
30	B125 1261	Bracket:Cover:Lower	1
31	AX06 0296	Brushless Motor:DC24V24W:Z9	1
32	AX21 0099	Magnetic Clutch	1
33	AX06 0334	Brushless Motor DC24V 45W	1

Index No.	Part No.	Description	Q'ty Per Assembly
34	B286 1101	Side Plate:Drive ADDED (201001 PCIL)	1
101	0451 3006N	Tapping Screw - 3x6	
102	1105 0409	Card Spacer- 6.4mm	
103	0451 4008N	Tapping Screw:4x8	
104	0451 4006N	Tapping Screw - 4x6	
105	0720 0040E	Retaining Ring - M4	
106	0720 0060E	Retaining Ring - M6	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	1105 0723	Clamps:WES-0507	
	1105 0522	X/O (201007 PCIL)	
109	1105 0516	Clamp	
110	1204 2533	Switch - AJ76200PZ02	

18. Electrical Section 1 (B286/B289/G180)

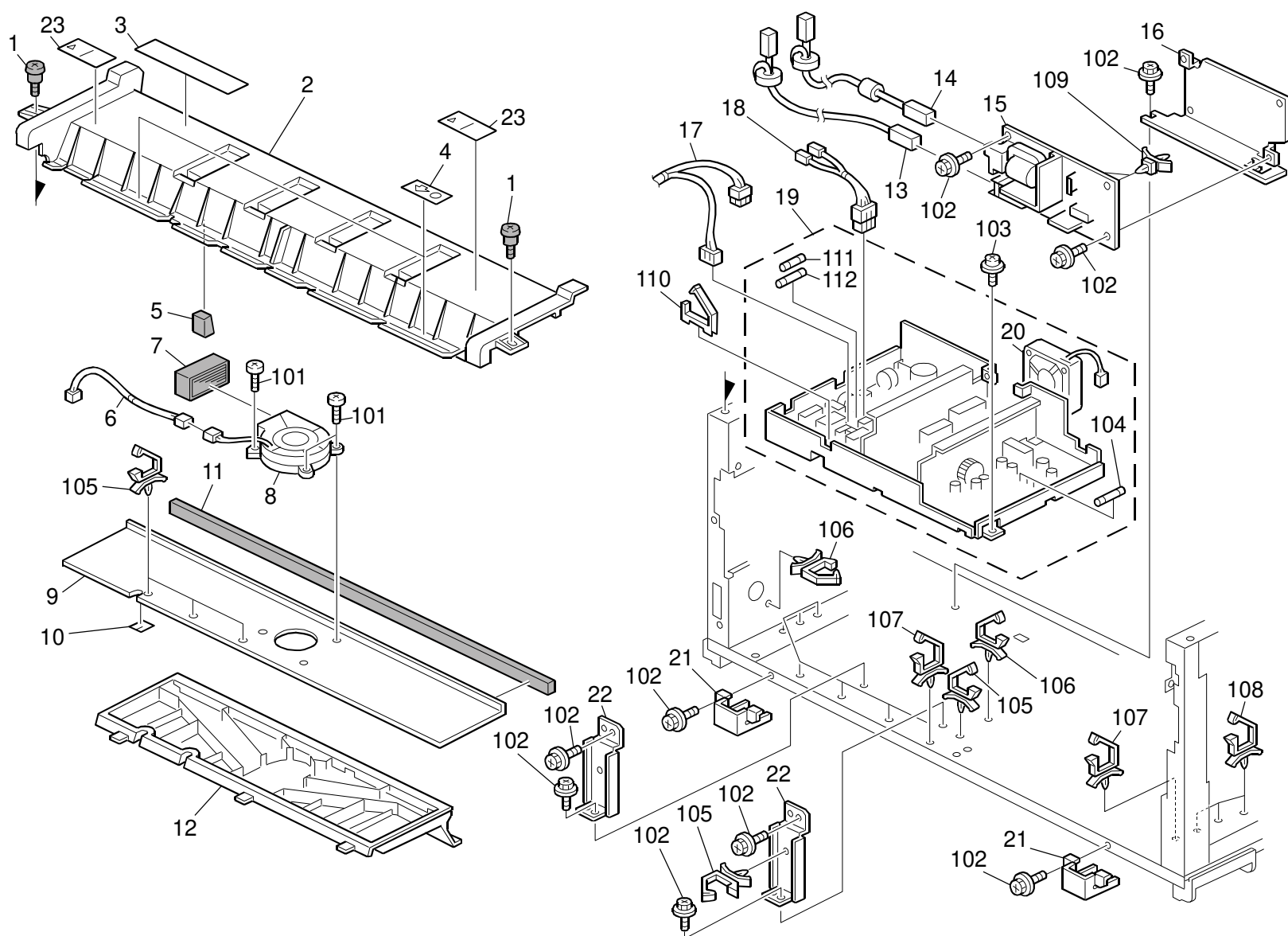


18.Electrical Section 1 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 5725	Harness:DC:Machine or Copier:Right	1
1	G180 5725	Right DC Harness (G180)	1
2	B286 5726	Harness:DC:Main:Left:A	1
2	B289 5727	Harness:DC:Main:Left:B	1
2	G180 5726	DC Main Harness - Left (G180)	1
3	B286 5280	PCB:MCU	1
3	G180 5280	MCU Board (G180)	1
4	B286 5210	PCB:IPU	1
4	G180 5210	IPU Board	1
5	B286 5722	Harness:DC:LVDS:Main	1
5	G180 5722	DC Main Harness - LVDS (G180)	1
6	AX64 0181	Fan:MM60:24V	2
7	B286 5270	PCB:MB	1
7	B286 5260	PCB:MB (G180)	1
8	B286 5720	Harness:DC:MB	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 3030N	Tapping Screw:3x30	
103	1102 6245	Relay Connector - 2P	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0518	Edge Saddle - LES-1010	
106	1105 0508	Harness Clamp - LWS-0711	
107	1105 0521	Clamp - LES-1017	
108	1105 0529	Nylon Clamp-EMT-3N	
109	1105 0409	Card Spacer- 6.4mm	
110	1005 0883	Guide Rail:180S	

19.Electrical Section 2 (B286/B289/G180)

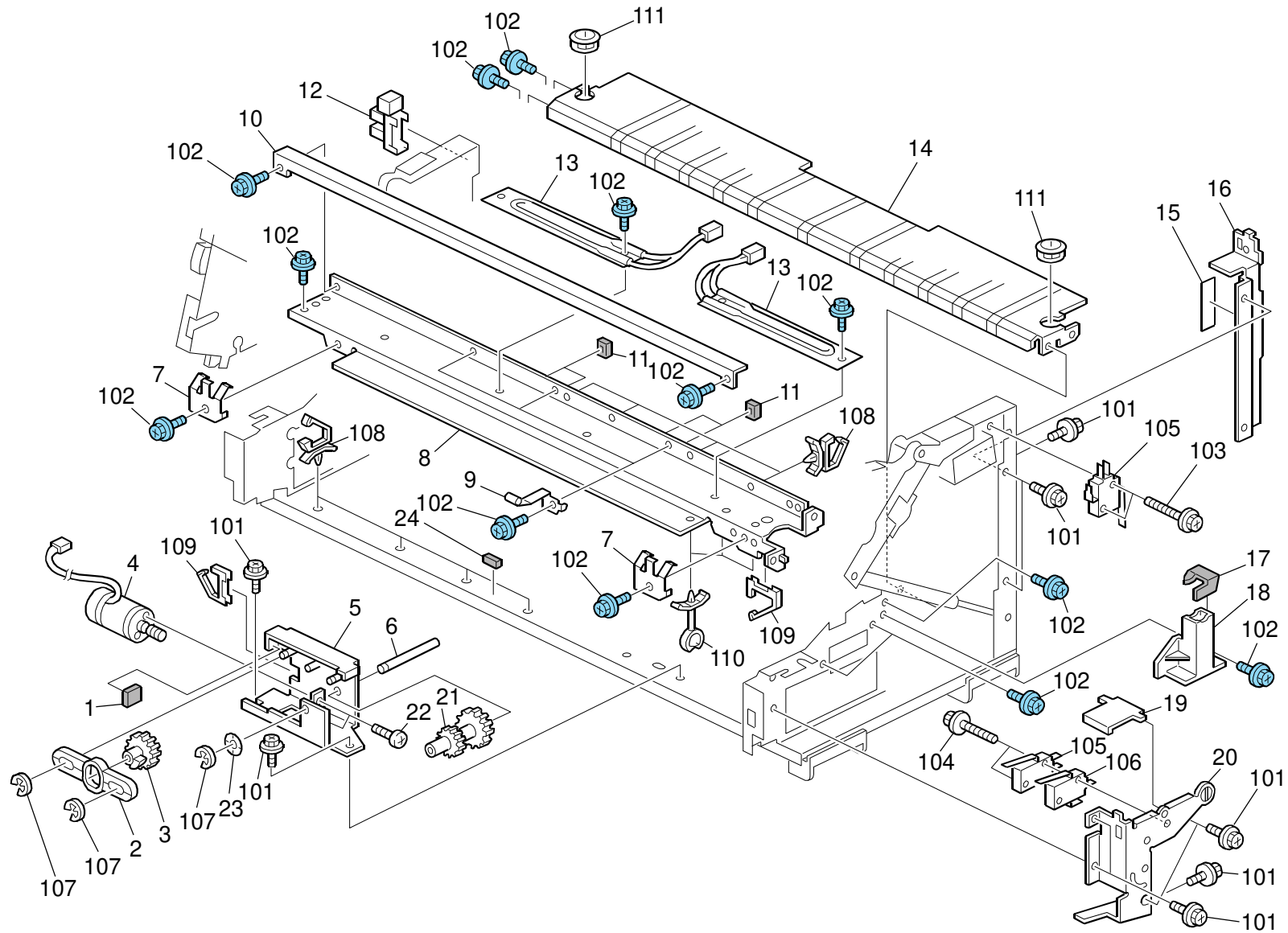


19.Electrical Section 2 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5840 3022	Stopper Screw - M3	2
2	B286 4282	Cover:Fusing:Upper	1
3	AA00 3209	Decal - Misfeed Removal Exit	1
4	AA00 3210	Decal - Grip	2
5	B286 4285	Shield:Cover:Fusing:Harness	1
6	B275 5699	Harness - DC Fan Motor	1
7	AA01 0119	Ozone Filter	1
8	B286 4293	Fan Motor DC24V 8.5W	1
9	B125 4298	Guide Plate:Duct	1
10	A134 1195	Seal - Fan Harness	1
11	B286 4292	Shield:Front:Guide Plate:Duct	1
12	B125 4283	Duct:Louver	1
13	B286 5713	Harness:High Voltage:Transfer	1
14	B286 5712	Harness:High Voltage:Separation	1
15	AZ32 0150	Power Pack TD	1
16	B125 1171	Bracket:Power Pack	1
17	B286 5719	Harness:AC:Machine or Copier	1
18	B125 5608	Harness:AC:Fusing:120V	1
18	B286 5736	Harness:AC:Fusing:EU	1
19	AZ23 0192	Power Supply Unit (120V)	1
19	AZ23 0247	Power Supply Unit:EU/AA/CHN	1
	AZ23 0193	X/O (201010 PCIL)	
19	AZ23 0194	Power Supply Unit (220-240V)	1
20	AX64 0160	Fan Motor MM60	1
21	B125 1057	Cover:Harness Clamp	2
22	B125 4360	Ground Plate:Fusing	3
23	AA00 0251	Decal:H-temp Warning:Fusing Exit:Outer	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0100N	Pan Head Screw:M4x10	
102	0451 3006N	Tapping Screw - 3x6	
103	0802 5285	Screw - 3x8	
104	1107 1295	Fuse:Glass Cartridge:FSL 250V 6.3A(EM)	
	1107 1067	X/O (201008 PCIL)	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	1105 0487	Harness Clamp	
107	1105 0490	Harness Clamp - LWS-2218	
108	1105 0517	Harness Clamp - LWS-2111Z	
109	1105 0193	Nylon Stud	
110	1105 0518	Edge Saddle - LES-1010	
111	1107 1160	Fuse:HT-10A-N5	
111	1107 1186	Fuse:FIH 6.3A(EM)	
	1107 1054	X/O (201008 PCIL)	
112	1107 0629	Fuse:Ceramic Case:15A 125V	

20.Electrical Section 3 (B286/B289/G180)

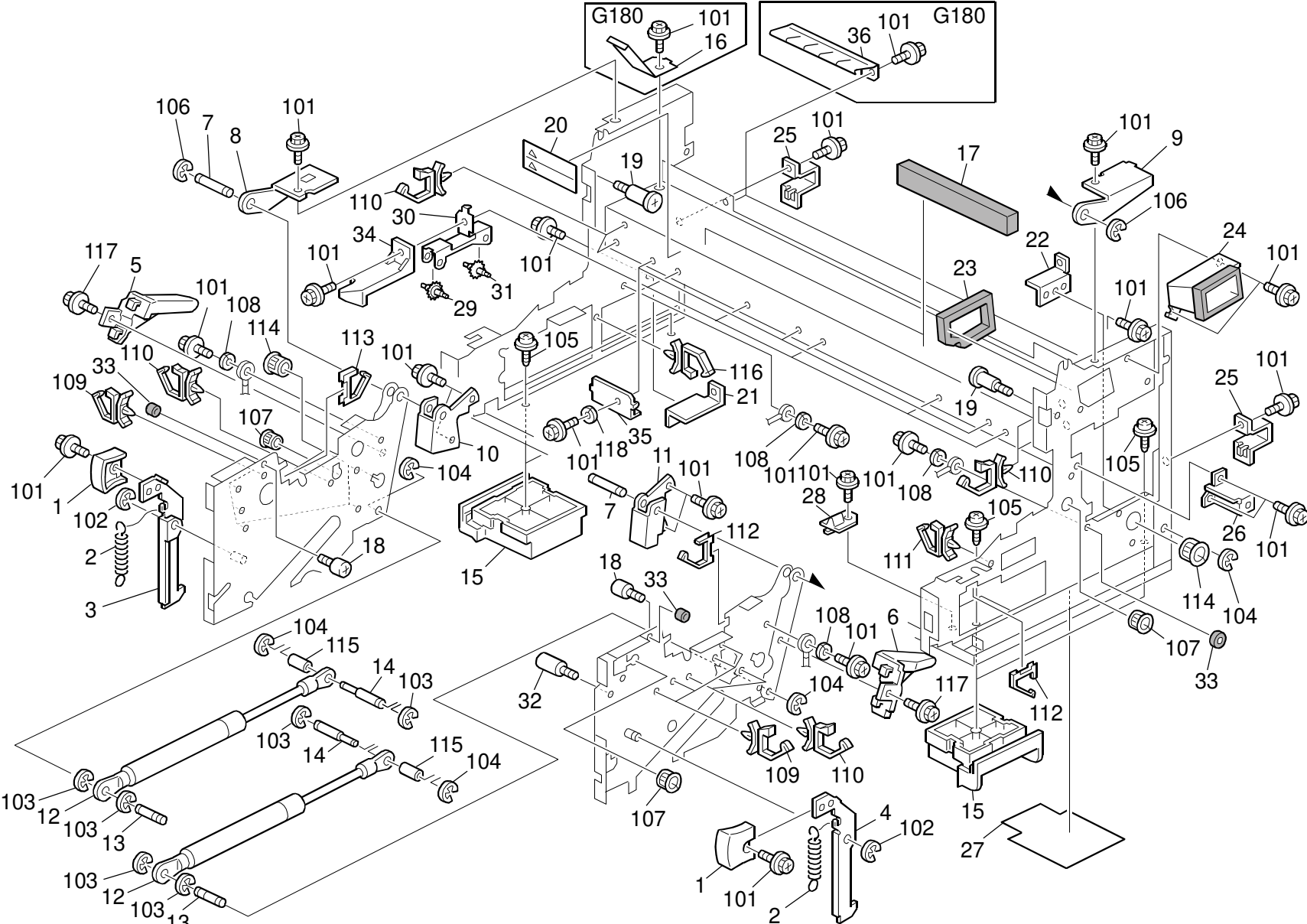


20.Electrical Section 3 (B286/B289/G180)

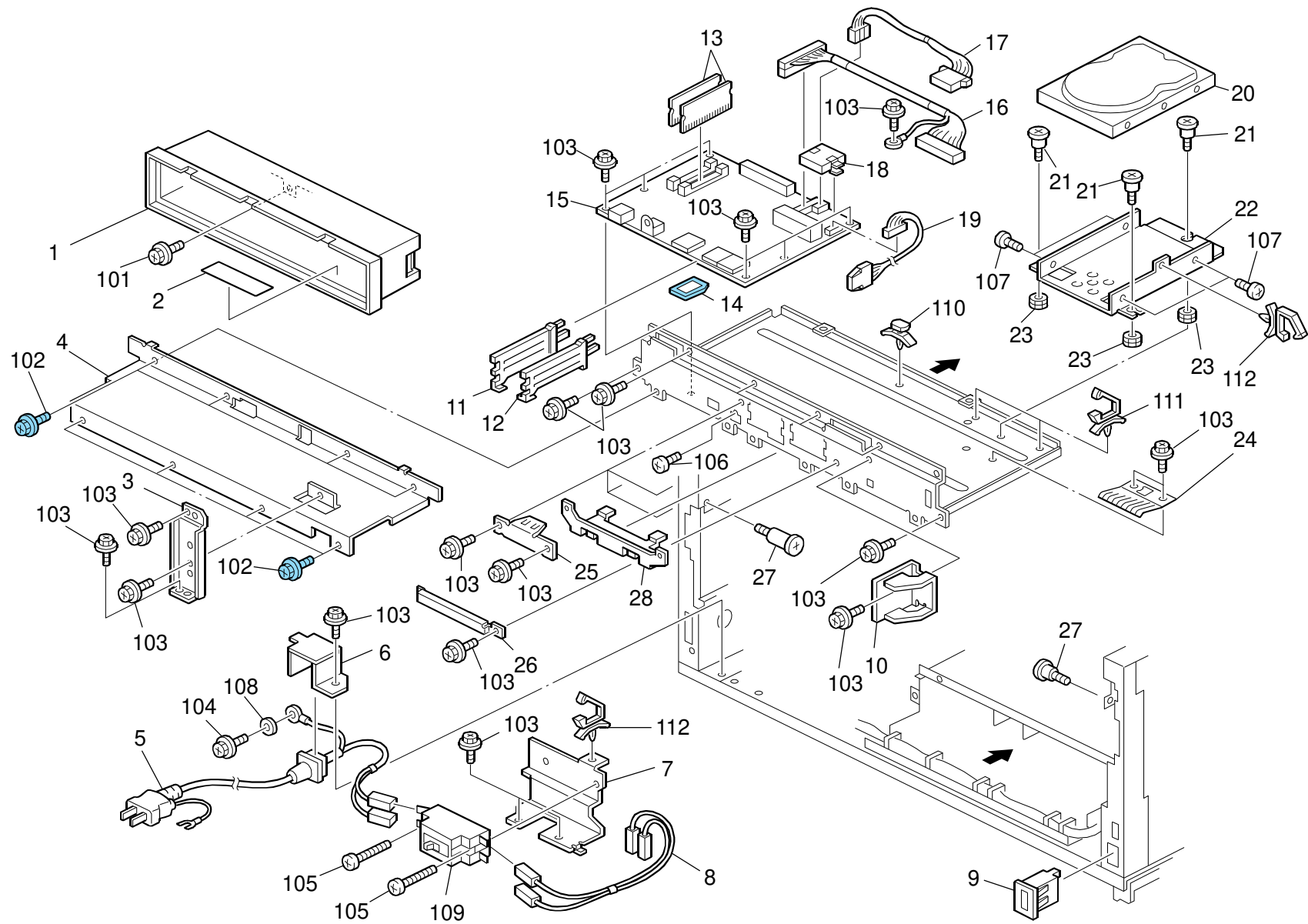
Index No.	Part No.	Description	Q'ty Per Assembly
1	B125 3659	Cushion:Swivel:Stopper	1
2	B125 3671	Vibrating Plate:Collection Bottle	1
3	B125 3674	Cam:Gear:Swivel	1
4	B286 3664	DC Motor 24V 5.85W	1
5	B125 3672	Bracket:Swivel:Collection Bottle	1
6	AA14 5830	Swing Unit Idler Shaft	1
7	B125 3864	Leaf Spring:T/S Corona	2
8	B125 3870	Guide Plate:T/S Corona:Lower	1
9	B125 3871	Grounding Plate:T/S Corona:Mid	3
10	B125 3872	Cover:Transfer Corona:Lower	1
11	B125 3873	Guard:Leaf Spring	4
12	AW02 0141	Photointerruptor	1
13	AX40 0188	Heater:120V:13W	2
13	AX40 0189	Heater:230V:13W	2
14	B125 3865	Guide Plate:Transport	1
15	B125 1266	Decal:High Temperature:Vertical	1
16	B125 4356	Cover:Safety Switch	1
17	B286 3683	Shield:Joint:Upper	1
18	B125 3681	Joint:Collection Bottle	1
19	B125 1085	Lever:Micro Switch	1
20	B286 1084	Bracket:Latch:Right	1
	B125 1084	O/O (201005 PCIL)	
21	AB01 7347	Idle Gear	1
22	A571 7700	Screw:Spring Washer:M2.6x5	2
23	B125 3687	Spring Washer:WW-6012	1
24	B286 1050	Gasket:20mm	1
	B286 1049	O/O (200909 PCIL)	

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0454 3006Q	Tapping Screw - M3x6	
103	0451 3014N	Tapping Screw:3x14	
104	0451 3025N	Tapping Screw:3x25	
105	1204 2529	Switch - V-5F912DN	
106	1204 2521	Micro Switch	
107	0720 0040E	Retaining Ring - M4	
108	1105 0487	Harness Clamp	
109	1105 0723	Clalmps:WES-0507	
	1105 0522	X/O (201007 PCIL)	
110	1105 0348	Clamp	
111	1106 0200	Bushing - 19.44mm	

21.Frame 1 (B286/B289/G180)



22.Frame 2 (B286/B289/G180)



22.Frame 2 (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 1259	Cover:Middle:Interface	1
2	B286 4885	Decal:Original:Operate:EXP	1
3	B125 4360	Ground Plate:Fusing	1
4	B286 5607	Cover:Harness	1
5	B286 5767	Power Supply Cord:Stopper:120V	1
	B286 5734	X/O MB1	
5	B286 5765	Power Supply Cord - 220V	1
	B257 5496	X/O MB1	
5	B275 5890	Power Supply Cord (230V)	1
6	B125 1170	Bracket:Power Supply Cord	1
7	B286 5610	Bracket:Leak Breaker	1
8	B286 5711	Harness:AC:Leak Breaker	1
9	AX31 0045	Total Counter:7FIG:24V	1
10	B286 1260	Cover:Interface	1
11	B070 5670	Right Rail	1
12	B070 5671	Left Rail	1
13	G108 5020	PCB:DDR-DIMM:512MB	2
14	G180 5860	SD-Card - NTL	1
15	B286 5832	PCB:Type-BZ2:Ass'y (B286/B289)	1
	B286 5831	O/O (201009 PCIL)	
15	G180 5830	Controller Board (G180)	1
16	B286 5850	Harness:DC:HDD:IDE	1
17	B286 5851	Harness:DC:HDD:Power Source	1
18	B286 9590	Counter:NOVITA2.2+:128KB	1
19	B286 5717	Harness:DC:Debug:Main	1
20	B247 5227	HDD:HITACHI:80GB:PATH2:PATA	1
	B247 5226	O/O MB2	
21	AA14 3548	Screw:M3x4.2	3
22	B286 5608	Bracket:HDD	1
23	AA16 1125	Rubber Cushion	3
24	A267 1089	Grounding Plate - Upper Rear	1
25	B101 5993	Interface Panel	4
26	B286 5609	Cover:SD-Card	1
27	AA14 3404	Stepped Screw - M4	2
28	B286 5612	Panel:Lower:MLB	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0454 3006Q	Tapping Screw - M3x6	
103	0451 3006N	Tapping Screw - 3x6	
104	0451 4008N	Tapping Screw:4x8	
105	0434 0200N	Pan Self-tapping Screw:4x20	
106	0353 0060N	Bind Screw - M3x6	
107	0801 0226	Screw:UNC:#6-32	
108	0703 0040N	Spring Washer:DIA4	
109	1107 1286	Fuse:BJS2022F1	
	1107 1192	O/O (201008 PCIL)	
110	1105 0611	Spacer KGPS-3.5S-N(V0)	
111	1105 0488	Harness Clamp	
112	1105 0487	Harness Clamp	

23.MCU (B286/B289)

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	183	C11	181	C21	182	C31	229	C41	182	C51	231	C61	182
C2	228	C12	181	C22	183	C32	184	C42	183	C52	231	C62	231
C3	175	C13	231	C23	183	C33	183	C43	182	C53	231	C63	231
C4	183	C14	182	C24	183	C34	182	C44	183	C54	231	C64	231
C5	185	C15	232	C25	183	C35	182	C45	179	C55	231	C65	182
C6	179	C16	183	C26	179	C36	183	C46	176	C56	182	C66	182
C7	181	C17	183	C27	183	C37	183	C47	233	C57	231	C67	183
C8	181	C18	178	C28	182	C38	182	C48	183	C58	182	C68	228
C9	177	C19	177	C29	232	C39	183	C49	183	C59	182	C69	228
C10	181	C20	232	C30	230	C40	182	C50	182	C60	182	C70	183

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	183	C81	234	C91	183	C101	183	C111	186	C121	182	C131	183
C72	183	C82	183	C92	183	C102	183	C112	233	C122	182	C132	183
C73	183	C83	183	C93	183	C103	183	C113	183	C123	231	C133	231
C74	183	C84	183	C94	231	C104	183	C114	183	C124	182	C134	182
C75	183	C85	234	C95	231	C105	233	C115	231	C125	182	C135	231
C76	234	C86	183	C96	183	C106	183	C116	231	C126	231	C136	231
C77	183	C87	183	C97	182	C107	182	C117	231	C127	182	C137	231
C78	234	C88	183	C98	183	C108	182	C118	231	C128	182	C138	231
C79	234	C89	182	C99	183	C109	183	C119	182	C129	182	C139	231
C80	183	C90	183	C100	183	C110	183	C120	231	C130	182	C140	182

23.MCU (B286/B289)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C141	182	C151	230	C161	183	C171	182	C181	182	C191	183	C201	183
C142	182	C152	230	C162	185	---	---	C182	185	C192	183	C202	183
C143	183	C153	183	C163	183	C173	182	C183	185	C193	180	C203	183
C144	183	C154	233	C164	233	C174	183	C184	183	C194	182	C204	183
C145	183	C155	233	C165	182	C175	183	C185	182	C195	182	C205	182
C146	234	C156	182	C166	182	C176	182	C186	233	C196	182	C206	182
C147	183	C157	182	C167	182	C177	235	C187	183	C197	180	C207	182
C148	234	C158	183	C168	183	C178	183	C188	182	C198	233	C208	182
C149	183	C159	185	C169	183	C179	183	C189	185	C199	233	C209	182
C150	234	C160	183	C170	182	C180	182	C190	180	C200	183	C210	182

CAPACITOR

SYMBOL NO.	INDEX NO.
C211	188
C212	183

CONNECTOR

SYMBOL NO.	INDEX NO.
CN121	118
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SYMBOL NO.	INDEX NO.
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CN132	119
CN133	110
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SYMBOL NO.	INDEX NO.
CN201	104
CN202	116
CN203	106
CN204	112
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CN207	103
CN208	113
CN209	105
CN210	109

SYMBOL NO.	INDEX NO.
CN211	102
CN212	120
CN213	117
CN214	111
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CN220	108

SYMBOL NO.	INDEX NO.
CN221	107
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SYMBOL NO.	INDEX NO.
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CN238	101
CN239	115
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CA

SYMBOL NO.	INDEX NO.
CA1	187

23.MCU (B286/B289)

CONNECTOR

SYMBOL NO.	INDEX NO.
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CN244	114

DIODE

SYMBOL NO.	INDEX NO.
D1	132
D2	134
D3	131
D4	135
D5	135
D6	135
D7	135
D8	135
D9	132
D10	133

SYMBOL NO.	INDEX NO.
D11	133
D12	133
D13	133
D14	133
D15	132
D16	132
D17	132
D18	132
D19	132
D20	132

FIL

SYMBOL NO.	INDEX NO.
FIL1	189
FIL2	189

FU

SYMBOL NO.	INDEX NO.
FU1	122
FU2	124
FU3	121
FU4	123
FU5	123

IC

SYMBOL NO.	INDEX NO.
IC1	236
IC2	155
IC3	153
IC4	236
IC5	158
IC6	158
IC7	237
IC8	159
IC9	157
IC10	156

SYMBOL NO.	INDEX NO.
IC11	162
IC12	151
IC13	151
IC14	163
IC15	144
IC16	154
IC17	145
IC18	146
IC19	151
IC20	1

SYMBOL NO.	INDEX NO.
IC21	146
IC22	140
IC23	143
IC24	141
IC25	141
IC26	151
IC27	141
IC28	142
IC29	152
IC30	152

IC

SYMBOL NO.	INDEX NO.
IC31	150
IC32	148
IC33	151
IC34	166
IC35	151
IC36	141
IC37	147
IC38	162
IC39	151
IC40	154

OSC

SYMBOL NO.	INDEX NO.
IC41	140
IC42	140
IC43	149

SYMBOL NO.	INDEX NO.
OSC1	168
OSC2	167

LED

SYMBOL NO.	INDEX NO.
LED1	138
LED2	137
LED3	137

Q

SYMBOL NO.	INDEX NO.
Q1	130
Q2	127
Q3	126
Q4	128
Q5	128
Q6	129

RESISTOR

SYMBOL NO.	INDEX NO.
R1	199
R2	198
R3	198
R4	192
---	---
R6	194
R7	198
R8	199
R9	208
R10	199

SYMBOL NO.	INDEX NO.
R11	197
R12	208
R13	199
R14	199
R15	198
R16	218
---	---
R18	199
R19	199
R20	198

SYMBOL NO.	INDEX NO.
R21	196
R22	217
R23	199
R24	197
R25	198
R26	200
R27	199
R28	199
R29	199
R30	199

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R31	199	R41	196	R51	199	R61	198	R71	199	R81	199	R91	200
R32	199	R42	196	R52	198	R62	199	R72	199	R82	197	R92	198
R33	218	R43	196	R53	223	R63	208	R73	199	R83	199	R93	199
R34	218	R44	196	R54	198	R64	197	R74	208	R84	216	R94	199
R35	224	R45	196	R55	198	R65	199	R75	208	R85	197	R95	208
R36	219	R46	196	R56	199	R66	197	R76	213	R86	198	R96	199
R37	199	R47	198	R57	199	R67	218	R77	199	R87	198	R97	199
R38	199	R48	199	R58	198	R68	218	R78	199	R88	198	R98	199
R39	196	R49	199	R59	199	R69	199	R79	216	R89	199	R99	199
R40	197	R50	198	R60	198	R70	199	R80	199	R90	199	R100	215

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R101	197	R111	199	R121	199	R131	198	R141	199	R151	199	R161	198
R102	197	R112	215	R122	198	R132	198	R142	199	R152	199	R162	201
R103	198	R113	199	R123	199	R133	198	R143	198	R153	208	R163	199
R104	198	R114	213	R124	194	R134	198	R144	212	R154	204	R164	199
R105	198	R115	199	---	---	R135	198	R145	199	R155	199	R165	199
R106	216	R116	202	R126	202	R136	198	R146	199	R156	199	R167	199
R107	209	R117	215	R127	225	R137	213	R147	199	R157	198	R168	199
R108	197	R118	226	R128	214	R138	197	R148	199	R158	199	R168	220
R109	203	R119	214	R129	198	R139	207	R149	199	R159	198	R169	199
R110	193	R120	198	R130	199	R140	199	R150	199	R160	198	R170	199

23.MCU (B286/B289)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	199	R181	208	R191	198	R201	197	R211	222	R221	211	R231	198
---	---	R182	199	R192	194	R202	198	R212	220	R222	211	R232	220
R173	199	R183	198	R193	194	R203	197	R213	198	R223	211	R233	222
R174	199	R184	215	R194	198	R204	199	R214	227	R224	211	R234	220
R175	199	R185	198	---	---	R205	218	R215	227	R225	199	R235	220
R176	199	R186	199	R196	218	R206	218	R216	221	R226	215	R236	198
R177	210	R187	198	R197	218	R207	199	R217	196	R227	206	R237	222
R178	210	R188	199	R198	218	R208	220	R218	199	R228	198	R238	220
R179	198	R189	199	R199	197	R209	198	R219	198	R229	199	R239	199
R180	198	R190	198	R200	198	R210	194	R220	211	R230	199	R240	211

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R241	211	R251	198	R261	205	R271	198	R281	199	R291	198	REG1	165
R242	211	R252	199	R262	208	R272	206	R282	223	R292	198	REG2	160
R243	211	R253	208	R263	199	R273	215	R283	198	R293	220	REG3	161
R244	211	R254	199	R264	195	R274	215	R284	198			REG4	164
R245	211	R255	223	R265	195	R275	206	R285	196				
R246	211	R256	198	R266	195	R276	206	R286	198				
R247	211	R257	194	R267	205	R277	215	R287	198				
R248	211	R258	194	R268	195	R278	198	R288	199				
R249	211	R259	194	R269	198	R279	215	R289	198				
R250	211	---	---	R270	198	R280	215	R290	198				

REG

23.MCU (B286/B289)

RN

SYMBOL NO.	INDEX NO.
RN1	191
RN2	191
RN3	191
RN4	191
RN5	172
RN6	172
RN7	172
RN8	190
RN9	190
RN10	191

SYMBOL NO.	INDEX NO.
RN11	191
RN12	191
RN13	191
RN14	171
RN15	171
RN16	171
RN17	171
RN18	174
RN19	191
RN20	191

SYMBOL NO.	INDEX NO.
RN21	191
RN22	171
RN23	171
RN24	171
RN25	171
RN26	171
RN27	171
RN28	171
RN29	173
RN30	173

SYMBOL NO.	INDEX NO.
RN31	171
RN32	191
RN33	171
RN34	171
RN35	191
RN36	191
RN37	191
RN38	190
RN39	171
RN40	171

SYMBOL NO.	INDEX NO.
RN41	173
RN42	171
RN43	171
RN44	173
RN45	171
RN46	171
RN47	169
RN48	171
RN49	169
RN50	171

SYMBOL NO.	INDEX NO.
RN51	171
RN52	171
RN53	190
RN54	170
RN55	169
RN56	169
RN57	171
RN58	171
RN59	171
RN60	169

SW

SYMBOL NO.	INDEX NO.
SW1	125

TH

SYMBOL NO.	INDEX NO.
TH1	139

ZD

SYMBOL NO.	INDEX NO.
ZD1	136
ZD2	136

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Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 5280	PCB:MCU	1
	B238 5503	IC:TRIO2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 3822	Connector:HIF3FC-20PA-2.54DSA(71)	
102	1102 4470	Connector:1-292250-2	
103	1102 5007	Connector:1-292132-4	
104	1102 5305	Connector	
105	1102 5344	Connector:1-292141-6	
106	1102 6339	Connector:8P	
107	1102 6396	Connector:53313-1665	
108	1102 6515	Connector:53313-3465	
109	1102 7094	Connector	
110	1102 7095	Connector:TX25-40P-LT-N1E	
111	1102 7836	Connector:B4B-PH-KBLC-H(LF)(SN)	
112	1102 8490	Connector:55451-3270	
113	1102 8491	Connector:55451-3470	
114	1102 8555	Connector:55460-0519	
115	1102 8719	Connector:55460-0419	
116	1102 9083	Connector:53375-1110	
117	1102 9380	Connector:55450-1680	
118	1103 3177	Connector:FH12-45S-0.5SV(89)	
119	1103 3663	Connector:55451-1670	
120	1103 3787	Connector:55450-1060	
121	1107 0621	Fuse:2A:250V	
122	1109 0002	Fuse:SMD200F	
123	1109 0015	Fuse:SMD050F	
124	1109 0018	Fuse:SMD100F	
125	1204 2622	Dip Switch:CHS-08TB1	
126	1400 0730	Transistor:2SD1782K	
127	1400 0775	Transistor:2SC4081	
128	1400 0822	Transistor:2SA1900	
129	1400 1040	Transistor:2SA1834S	
130	1401 0972	Transistor:2SB1260	
131	1402 1322	Diode-Array:DAN202U	
132	1402 1336	Diode:1SS355	
133	1402 1342	Diode:1SR154-400	
134	1402 1459	Diode:RB706F-40	
135	1402 1584	Diode:DAN217U	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1663	Diode:PTZ12B	
137	1403 0953	LED:SML-310MT	
138	1403 0996	LED:SML-310VT	
139	1404 1013	Thermistor:NCP18WF104J03RB	
140	1407 2187	TTLIC - SN74LS07NS	
141	1407 2231	Driver:TD62308AFG(5)	
142	1407 3765	Driver:TD62385AFG(5)	
143	1407 4114	RS485:SN751177NS	
144	1407 5344	CMOS Logic:SN74LV02APW	
145	1407 5347	CMOS Logic:SN74LV08APW	
146	1407 5350	CMOS Logic:SN74LV00APW	
147	1407 5351	CMOS Logic:SN74LV14APW	
148	1407 5363	CMOS Logic:SN74AHCT04PW	
149	1407 5376	CMOS Logic:SN74LV32APW	
150	1407 5463	CMOS Logic:SN74LV245APW	
151	1407 5469	CMOS Logic:SN74LV07APW	
152	1407 5633	CMOS Logic:SN74LV574APW	
153	1407 5681	EEPROM:M24C08-WMN6P(REV.G)	
154	1407 5713	CMOS Logic:SN74LV06APW	
155	1407 6027	Motor Control IC:TA7291AP(5)	
156	1407 6166	Custom IC:ESOC	
157	1407 6187	CMOS Logic - SN74LVC1G07DCK	
158	1407 6368	CMOS Logic:SN74AHC1G04DCK	
159	1407 6541	Motor Control IC:STK672-410	
160	1408 1383	Series Regulator:TA7812F(LBSTA1)	
161	1408 1401	Series Regulator:TA7808F(LBSTA1)	
162	1408 1550	Operational Amplifier:LM2902PW	
163	1408 1826	IC:R3112Q421A-FA	
164	1408 2010	Series Regulator:RN5RF33A-FA	
165	1408 2016	Series Regulator:R1114Q181B-FA	
166	1408 2029	Comparator:LM2901PW	
167	1503 1004	Crystal Oscillator:19.6608MHz	
168	1503 1215	Crystal Oscillator:17.5MHz	
169	1601 7752	Resistor:10K Ω : $\pm$ 5%:4	
170	1601 7759	Resistor Array	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
172	1601 7898	Resistor Array	
173	1601 7959	Resistor	
174	1601 7960	Resistor Array:100 Ω : $\pm$ 5%:1/16W:4Number	
175	1604 4759	Capacitor:10 μ F $\pm$ 20%:50V	
176	1604 4781	Capacitor:680 μ F $\pm$ 20%:35V	
177	1604 5048	Capacitor:470 μ F $\pm$ 20%:16V	
178	1604 5064	Capacitor:47 μ F $\pm$ 20%:50V	
179	1604 5066	Capacitor:100 μ F $\pm$ 20%:50V	
180	1604 5146	Capacitor:22 μ F $\pm$ 20%:35V	
181	1604 5239	Capacitor:220 μ F $\pm$ 20%:35V	
182	1605 1137	Capacitor:470pF: $\pm$ 10%:50V	
183	1605 1148	Capacitor:0.1 μ F+80-20%:50V	
184	1605 1190	Capacitor:0.022 μ F $\pm$ 10%:50V	
185	1605 1358	Capacitor:10 μ F $\pm$ 10%:10V	
186	1605 1430	Capacitor:1 μ F+80-20%:50V	
187	1605 1480	Capacitor:100pF: $\pm$ 10%:50V	
188	1605 1547	Capacitor:2.2 μ F $\pm$ 10%:6.3V	
189	1607 1351	Filter:BLM21PG221SN1B	
190	1609 0006	Resistor:10K Ω : $\pm$ 5%:1/16W	
191	1609 0007	Resistor:68 Ω : $\pm$ 5%:1/16W	
192	1610 1637	Resistor:1 Ω : $\pm$ 1%:1/2W:3216	
193	1611 8222	Resistor:2.2K Ω : $\pm$ 5%:1/4W	
194	1634 0000	Resistor - 0 Ω 1/16W	
195	1650 2392	Chip Resistor:3.9K Ω : $\pm$ 5%:1/4W:3216	
196	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
197	1650 4101	Resistor:100 Ω : $\pm$ 5%:1/10W:1608	
198	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
199	1650 4103	Resistor:10K Ω : $\pm$ 5%:1/10W:1608	
200	1650 4105	Resistor:1M Ω : $\pm$ 5%:1/10W:1608	
201	1650 4122	Resistor:1.2K Ω : $\pm$ 5%:1/10W:1608	
202	1650 4131	Resistor:130 Ω : $\pm$ 5%:1/10W:1608	
203	1650 4132	Resistor:1.3K Ω : $\pm$ 5%:1/10W:1608	
204	1650 4152	Resistor:1.5K Ω : $\pm$ 5%:1/10W:1608	
205	1650 4202	Resistor:2K Ω : $\pm$ 5%:1/10W:1608	

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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.
---	---	C11	176	---	---	C31	138	C41	145	---	---	C61	136
C2	146	C12	176	---	---	C32	135	C42	145	C52	144	C62	140
C3	144	C13	176	C23	144	C33	144	C43	137	---	---	C63	178
C4	144	C14	142	C24	177	C34	177	C44	134	---	---	C64	143
---	---	C15	144	C25	144	C35	177	C45	143	---	---	C65	144
---	---	C16	176	C26	177	C36	144	---	---	C56	144	C66	178
---	---	C17	176	---	---	C37	178	C47	134	C57	177	C67	177
---	---	C18	144	---	---	C38	134	C48	143	C58	144	C68	178
C9	143	C19	144	C29	134	C39	143	C49	137	C59	136	C69	177
C10	134	---	---	C30	143	C40	137	C50	145	C60	144	C70	178

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	144	---	---	C91	178	C101	178	C111	177	C121	144	---	---
C72	143	---	---	C92	144	C102	177	C112	143	C122	145	---	---
C73	144	C83	144	C93	143	C103	177	C113	144	---	---	C133	145
C74	136	C84	144	C94	177	C104	178	C114	178	---	---	C134	144
C75	136	C85	177	C95	144	C105	144	C115	177	---	---	C135	179
C76	144	C86	144	C96	143	C106	177	C116	143	C126	175	C136	139
C77	136	C87	177	C97	144	C107	178	C117	144	C127	178	C137	177
C78	145	C88	144	C98	178	C108	144	C118	178	C128	144	C138	178
C79	145	C89	177	C99	177	C109	143	C119	177	C129	145	C139	141
C80	136	C90	177	C100	144	C110	144	C120	177	---	---	C140	177

24.IPU (B286/B289)

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	177	C151	144	---	---	C171	178	C181	144	C191	177	C201	144
C142	141	C152	143	---	---	C172	141	C182	143	C192	178	C202	143
C143	178	C153	177	C163	145	C173	178	C183	177	C193	141	C203	143
C144	177	C154	178	C164	144	C174	177	C184	178	C194	178	C204	144
C145	143	C155	141	C165	179	C175	143	C185	141	C195	177	C205	178
C146	144	C156	178	C166	139	C176	144	C186	177	C196	141	C206	177
C147	178	C157	177	C167	177	C177	178	C187	177	C197	178	C207	177
C148	177	C158	141	C168	178	C178	177	C188	141	C198	177	C208	178
C149	177	C159	178	C169	141	C179	177	C189	178	C199	177	C209	141
C150	178	C160	177	C170	177	C180	178	C190	177	C200	178	C210	177

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C211	177	---	---	C231	141	C241	177	C251	139	C261	177	C271	178
C212	141	C222	145	C232	178	C242	177	C252	145	C262	177	C272	141
C213	178	C223	144	C233	177	C243	178	C253	144	C263	178	C273	177
C214	177	C224	179	C234	177	C244	141	C254	177	C264	144	C274	178
C215	139	C225	139	C235	178	C245	177	C255	178	C265	143	C275	141
C216	179	C226	177	C236	144	C246	177	C256	141	C266	143	C276	178
C217	144	C227	178	C237	143	C247	141	C257	177	C267	144	C277	177
C218	145	C228	141	C238	143	C248	178	C258	177	C268	178	C278	144
---	---	C229	178	C239	144	C249	177	C259	141	C269	177	C279	178
---	---	C230	177	C240	178	C250	179	C260	178	C270	177	C280	177

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CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C281	177	C291	145
C282	178	C292	144
C283	144	C293	178
---	---	C294	144
---	---	C295	144
C286	177	C296	178
---	---	C297	177
C288	175	C298	177
C289	178	C299	144
C290	144	C300	177

SYMBOL NO.	INDEX NO.
C301	178
C302	144
C303	144
C304	144
C305	144
C306	144

CONNECTOR

SYMBOL NO.	INDEX NO.
---	---
CN412	103
---	---
---	---
---	---
---	---
---	---
---	---
CN420	105

SYMBOL NO.	INDEX NO.
CN421	104
---	---
---	---
---	---
---	---
---	---
---	---
---	---
CN430	106

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
CN450	102

SYMBOL NO.	INDEX NO.
---	---
CN452	101

DIODE

SYMBOL NO.	INDEX NO.
D2	110

FIL

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
FIL1	148	FIL11	149
---	---	---	---
FIL3	149	FIL13	149
FIL4	149	FIL14	149
FIL5	148	FIL15	149
FIL6	148	FIL16	149
FIL7	148	FIL17	148
FIL8	149	FIL18	148
FIL9	149	FIL19	147
FIL10	149	FIL20	149

SYMBOL NO.	INDEX NO.
FIL21	149
FIL22	149
FIL23	147
FIL24	149
FIL25	147
FIL26	147
FIL27	147
FIL28	147
FIL29	147
FIL30	147

SYMBOL NO.	INDEX NO.
FIL31	147

IC

SYMBOL NO.	INDEX NO.
IC1	119
IC2	119
IC3	119
IC4	119
IC5	119
---	---
---	---
---	---
IC9	121
IC10	1

SYMBOL NO.	INDEX NO.
IC11	114
IC12	113
IC13	120
IC14	122
---	---
IC16	121
IC17	115
IC18	115
IC19	117
IC20	116

SYMBOL NO.	INDEX NO.
IC21	118

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JP

SYMBOL NO.	INDEX NO.
JP1	157
JP2	157
JP3	157
JP4	157
JP5	157
JP6	157

LED

SYMBOL NO.	INDEX NO.
LED1	111
LED2	111
LED3	111
LED4	111
LED5	112

OCS

SYMBOL NO.	INDEX NO.
OCS1	128
OCS2	127

Q

SYMBOL NO.	INDEX NO.
Q1	107
Q2	108
Q3	108
Q4	107
Q5	108
Q6	108
Q7	108
Q8	109
Q9	107

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
R3	169
R4	169
R5	169
R6	160
---	---
---	---
R9	180
R10	180

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
R16	180
R17	180
R18	180
R19	180
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R23	169
R24	169
R25	180
R26	180
---	---
---	---
---	---

RESISTOR

SYMBOL NO.	INDEX NO.
R31	160
R32	159
R33	160
R34	160
R35	160
---	---
R37	160
R38	169
R39	180
R40	174

SYMBOL NO.	INDEX NO.
R41	158
---	---
R43	160
R44	160
R45	160
R46	161
R47	161
R48	161
R49	161
R50	158

SYMBOL NO.	INDEX NO.
R51	169
R52	170
R53	170
R54	170
R55	159
R56	159
---	---
---	---
R59	160
---	---

SYMBOL NO.	INDEX NO.
R61	160
R62	169
R63	159
R64	159
R65	160
R66	160
R67	160
R68	160
R69	159
R70	160

SYMBOL NO.	INDEX NO.
---	---
R72	180
---	---
R74	180
R75	158
R76	180
R77	180
R78	180
R79	180
R80	180

SYMBOL NO.	INDEX NO.
R81	158
R82	180
R83	160
---	---
---	---
---	---
R87	170
R88	161
R89	163
R90	160

SYMBOL NO.	INDEX NO.
---	---
R92	169
R93	169
R94	160
R95	160
R96	159
R97	159
R98	159
R99	180
---	---

24.IPU (B286/B289)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R101	169	R111	161	R121	168	R131	159	R141	160	R151	169	R161	156
R102	180	R112	168	R122	171	R132	159	R142	160	R152	160	R162	164
R103	174	R113	159	R123	159	R133	159	---	---	R153	160	R163	159
R104	180	R114	159	R124	167	R134	159	---	---	R154	160	R164	160
R105	160	R115	168	R125	159	R135	170	---	---	R155	160	R165	165
---	---	R116	168	R126	159	R136	160	R146	160	R156	160	R166	174
R107	170	R117	168	R127	159	R137	160	R147	160	R157	160	R167	174
R108	160	R118	168	R128	169	---	---	R148	169	R158	159	R168	158
---	---	R119	168	R129	159	R139	158	R149	169	R159	169	R169	159
R110	158	R120	168	R130	159	R140	158	R150	169	R160	165	R170	159

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	159	R181	158	R191	160	R201	165	R211	180	R221	160	R231	162
R172	159	R182	158	R192	158	R202	159	R212	180	R222	158	R232	160
R173	159	R183	158	R193	165	R203	159	R213	180	R223	158	R233	160
R174	159	R184	156	R194	180	---	---	R214	158	R224	159	R234	160
R175	159	R185	164	R195	180	R205	159	R215	159	R225	159	R235	160
R176	158	R186	164	R196	158	R206	159	R216	159	R226	160	R236	160
---	---	R187	156	R197	159	R207	160	R217	180	---	---	R237	159
R178	160	R188	160	R198	159	R208	160	R218	180	R228	170	R238	160
R179	160	R189	180	R199	180	R209	158	R219	165	R229	162	R239	158
R180	160	R190	158	R200	180	R210	165	R220	158	---	---	R240	158

24.IPU (B286/B289)

RESISTOR

SYMBOL NO.	INDEX NO.
R241	170
R242	169
R243	169
R244	159
R245	160
R246	169
R247	172
R248	172
R249	172
R250	172

SYMBOL NO.	INDEX NO.
R251	172
R252	162
R253	162
R254	166
R255	166
R256	166
R257	166
R258	173
R259	173
R260	173

SYMBOL NO.	INDEX NO.
R261	173
R262	173
R263	173
R264	173
R265	173

REG

SYMBOL NO.	INDEX NO.
REG1	126
---	---
REG3	126
---	---
REG5	126
REG6	125
REG7	124
REG8	123

RN

SYMBOL NO.	INDEX NO.
RN1	150
RN2	129
RN3	129
RN4	151
RN5	151
RN6	129
RN7	151
RN8	151
RN9	129
RN10	151

SYMBOL NO.	INDEX NO.
RN11	151
RN12	129
RN13	129
RN14	130
RN15	150
RN16	150
RN17	151
RN18	151
RN19	129
RN20	129

SYMBOL NO.	INDEX NO.
RN21	151
RN22	151
RN23	133
RN24	154
RN25	151
RN26	151
RN27	129
RN28	151
RN29	151
RN30	129

RN

SYMBOL NO.	INDEX NO.
RN31	129
RN32	151
RN33	151
RN34	129
---	---
---	---
RN37	150
RN38	130
RN39	130
RN40	130

SYMBOL NO.	INDEX NO.
RN41	130
RN42	131
RN43	155
RN44	155
RN45	152
RN46	152
RN47	131
RN48	131
RN49	152
RN50	152

SYMBOL NO.	INDEX NO.
RN51	131
RN52	152
RN53	152
RN54	152
RN55	152
RN56	132
RN57	153
RN58	132
RN59	153
RN60	151

SYMBOL NO.	INDEX NO.
RN61	151
RN62	151
RN63	151
RN64	151
RN65	151
RN66	129
RN67	133
RN68	154
RN69	154
RN70	153

SYMBOL NO.	INDEX NO.
RN71	132
RN72	153
RN73	151
RN74	151
RN75	129
RN76	133
RN77	154
RN78	133
RN79	154
RN80	154

SYMBOL NO.	INDEX NO.
RN81	153
RN82	132
RN83	153
RN84	133
RN85	154
RN86	154
RN87	153
RN88	132
RN89	154
RN90	154

SYMBOL NO.	INDEX NO.
RN91	133
RN92	153
RN93	132

24.IPU (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B286 5210	PCB:IPU	1
	B188 5350	LSI:MB87M4290	1

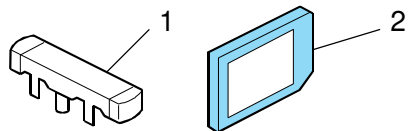
Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 6337	Connector:6P	
102	1102 6343	Connector:12P	
103	1102 7097	Connector:TX24-40R-LT-N1E	
104	1102 9210	Connector:55450-0880	
105	1102 9378	Connector:55450-1280	
106	1102 9535	Connector:200PS-JUK-G-B	
107	1400 0637	Transistor:DTC144EUA	
108	1400 0754	Transistor:UMG1N	
109	1400 0948	Transistor:DTC143ZE	
110	1402 1386	Diode DA221	
111	1403 0953	LED:SML-310MT	
112	1403 0978	LED:SML-310DT	
113	1407 5069	IC:DS90C363MTD/NOPB	
114	1407 5090	IC:DS90CF364MTD/NOPB	
115	1407 5334	CMOS Logic:74LVC244A:TSSOP	
116	1407 5366	CMOS Logic:74LVC08A:TSSOP	
117	1407 5630	CMOS Logic:SN74LVC138APW	
118	1407 5705	CMOS Logic:SN74LVC06APW	
119	1407 6292	Controller:RB5V861	
120	1407 6335	CMOS Logic:SN74LVC1G17DCK	
121	1407 6568	Clock Generator:ICS7152M-11LF	
122	1408 0575	IC:M51957BFP	
123	1408 1508	Series Regulator:PQ07VZ012ZPH	
124	1408 2388	Series Regulator:AIC1117A-33PYJ	
125	1408 2404	Series Regulator:AIC1117A-18PYJ	
126	1408 2407	Series Regulator:AIC1117A-PEJ	
127	1503 1064	Crystal Oscillator:24.576MHz	
128	1503 1170	Crystal Oscillator:21.176MHz	
129	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
130	1601 7898	Resistor Array	
131	1601 7913	Resistor Array:22 Ω : $\pm$ 5%:1/16W:4Number	
132	1601 7959	Resistor	
133	1601 7960	Resistor Array:100 Ω : $\pm$ 5%:1/16W:4Number	
134	1604 4968	Capacitor:330 μ F $\pm$ 20%:6.3V	
135	1604 5066	Capacitor:100 μ F $\pm$ 20%:50V	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1604 5070	Capacitor:100μF±20%:10V	
137	1604 5202	Capacitor:100μF±20%:6.3V	
138	1605 1148	Capacitor:0.1μF+80-20%:50V	
139	1605 1165	Capacitor:680pF:±5%:50V	
140	1605 1187	Capacitor:0.047μF±10%:50V	
141	1605 1224	Capacitor:4.7μF±10%:6.3V	
142	1605 1225	Capacitor:0.1μF±10%:50V	
143	1605 1306	Capacitor:1μF±10%:10V	
144	1605 1353	Capacitor:0.1μF±10%:25V	
145	1605 1406	Capacitor:10μF±10%:6.3V	
146	1605 1563	Capacitor:10μF±10%:10V	
147	1607 0861	Filter:BK2125HS101	
148	1607 1051	Filter:FBMJ2125HS420	
149	1607 1351	Filter:BLM21PG221SN1B	
150	1609 0005	Resistor:33Ω:±5%:1/16W	
151	1609 0006	Resistor:10KΩ:±5%:1/16W	
152	1609 0011	Resistor:22Ω:±5%:1/16W	
153	1609 0015	Resistor:1KΩ:±5%:1/16W	
154	1609 0025	Resistor:100Ω:±5%:1/16W	
155	1609 0026	Resistor:47Ω:±5%:1/16W	
156	1610 1777	Resistor:5.1Ω:±1%:1/10W:1608	
157	1634 0000	Resistor - 0 Ω 1/16W	
158	1654 1000	Resistor:100Ω:±1%:1/10W:1608	
159	1654 1001	Resistor - 1KΩ±1%1/10W	
160	1654 1002	Resistor:10KΩ:±1%:1/10W:1608	
161	1654 1003	Resistor:100KΩ:±1%:1/10W:1608	
162	1654 1009	Resistor:10Ω:±1%:1/10W:1608	
163	1654 1103	Resistor:110KΩ:±1%:1/10W:1608	
164	1654 1210	Resistor:121Ω:±1%:1/10W:1608	
165	1654 1500	Resistor:150Ω:±1%:1/10W:1608	
166	1654 1509	Resistor:15Ω:±1%:1/10W:1608	
167	1654 1651	Resistor:1.65KΩ:±1%:1/10W:1608	
168	1654 2209	Resistor:22Ω:±1%:1/10W:1608	
169	1654 3309	Resistor:33Ω:±1%:1/10W:1608	
170	1654 4701	Resistor:4.7KΩ:±1%:1/10W:1608	

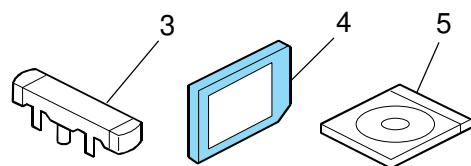
Index No.	Part No.	Description	Q'ty Per Assembly
171	1654 4990	Resistor:499Ω:±1%:1/10W:1608	
172	1654 5100	Resistor:510Ω:±1%:1/10W:1608	
173	1654 5109	Resistor:51Ω:±1%:1/10W:1608	
174	1654 6809	Resistor:68Ω:±1%:1/10W:1608	
175	1660 2221	Capacitor:220pF:±5%:50V	
176	1660 2470	Capacitor - 47pF ±5% 50V	
177	1660 2471	Capacitor - 470pF - ±5% - 50V	
178	1660 4103	Capacitor:0.01μF±10%:50V	
179	1660 4222	Capacitor:2200pF:±10%:50V	

25.Extension Unit (B286/B289)

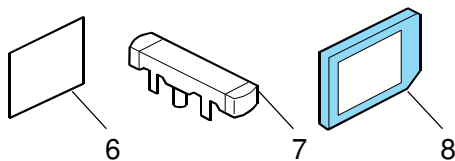
Printer Option Type W3600 (D320)



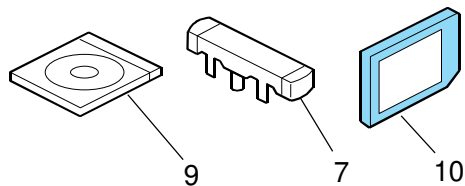
Scanner Option Type W3600 (D321)



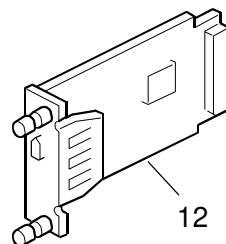
VM Card Type E (D338-02/-03)



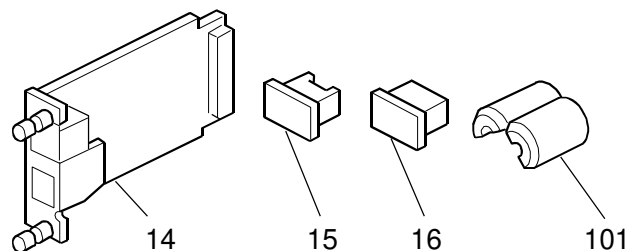
Browser Unit Type C (B828-03)



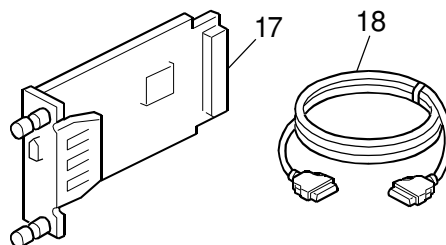
USB Host Interface Unit Type 7300 (G819-01)



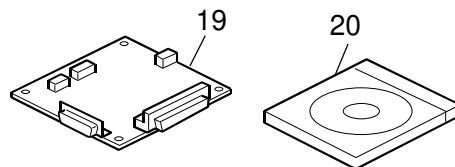
GIGABIT Ethernet Board Type A (G874-01)



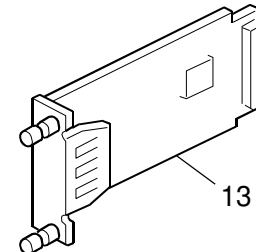
Interface PCB Type W3600 (D329)



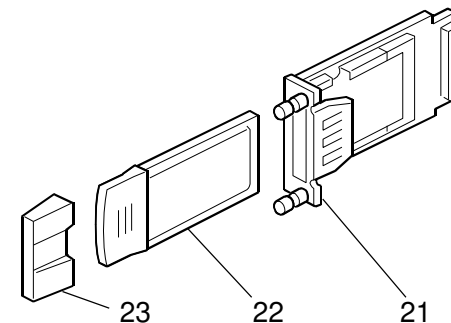
Printer Controller RW-3600 (D344)



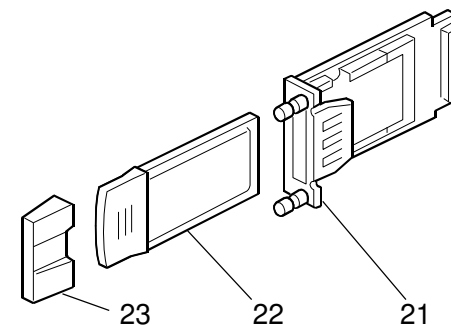
File Format Connector Type C (B609-04)



IEEE802.11b
Interface Unit Type I (G874-39)



IEEE802.11b
Interface Unit Type H (G813-45)



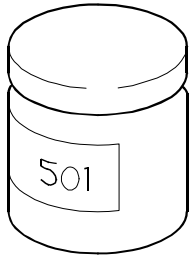
25.Extension Unit (B286/B289)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B223 1531	Keytop - Printer NA	1
1	B223 1537	Keytop - Printer EU	1
2	D320 5017	SD-Card:Printer	1
		Added MB8	
2	D320 5117	SD-Card:NTL (TIFF/GL Filter)	1
		MB8	
3	B223 1532	Keytop - Scanner NA	1
3	B223 1538	Keytop - Scanner EU	1
4	D321 5017	SD-Card:Scanner	1
5	D321 5717	CD-ROM:Scanner:GER:Ass'y	1
6	GA00 3176	Decal:SDK	1
7	B223 1533	Keytop:Function:NA	1
7	B223 1539	Keytop:Function:EU	1
8	D338 5001	SD-Card:SDK:NP-C2:EXP:Ass'y	1
9	B828 8700	IC:Manual:Browser:Ass'y	1
10	B828 5003	SD-Card:Browser:NP-C2:EXP:Ass'y	1
12	G819 5000	PCB:USB2.0_Host:Ass'y	1
13	B609 5643	PCB:MLB3:Ass'y	1
14	G874 5000	PCB:Giga+USB:Ass'y	1
15	B129 5008	Cap:Connector:Lan	1
16	B154 5865	Cap:Connector:USB	1
17	B809 5660	PCB:Video_Link2:DC2:Ass'y	1
18	D329 5500	Cable:Video_Link2:5M:TP	1
19	D344 0717	PCB:RW-3600	1
	D344 3024	O/O MB1	
20	D344 8801	CDROM:RW3600	1
	D344 1254	X/O MB1	
21	B582 5900	PCB:Wireless-Adapter:Ass'y	1
22	G813 5461	Card:WLAN:X1330:NA	1
22	G813 5462	Card:WLAN:X1330:EU	1
23	B582 5300	Cover:Card:B582	1

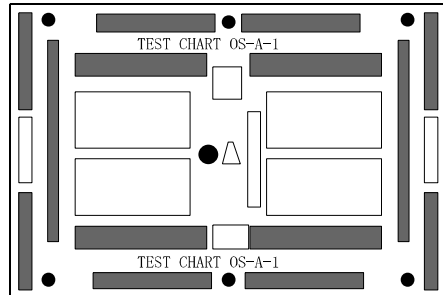
Index No.	Part No.	Description	Q'ty Per Assembly
101	1607 1092	Ferrite Core:RFC-10	

26.Special Tools (B286/B289/G180)

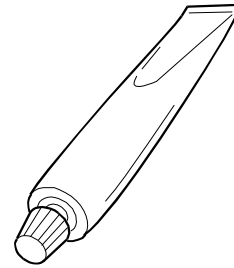
1



2



3

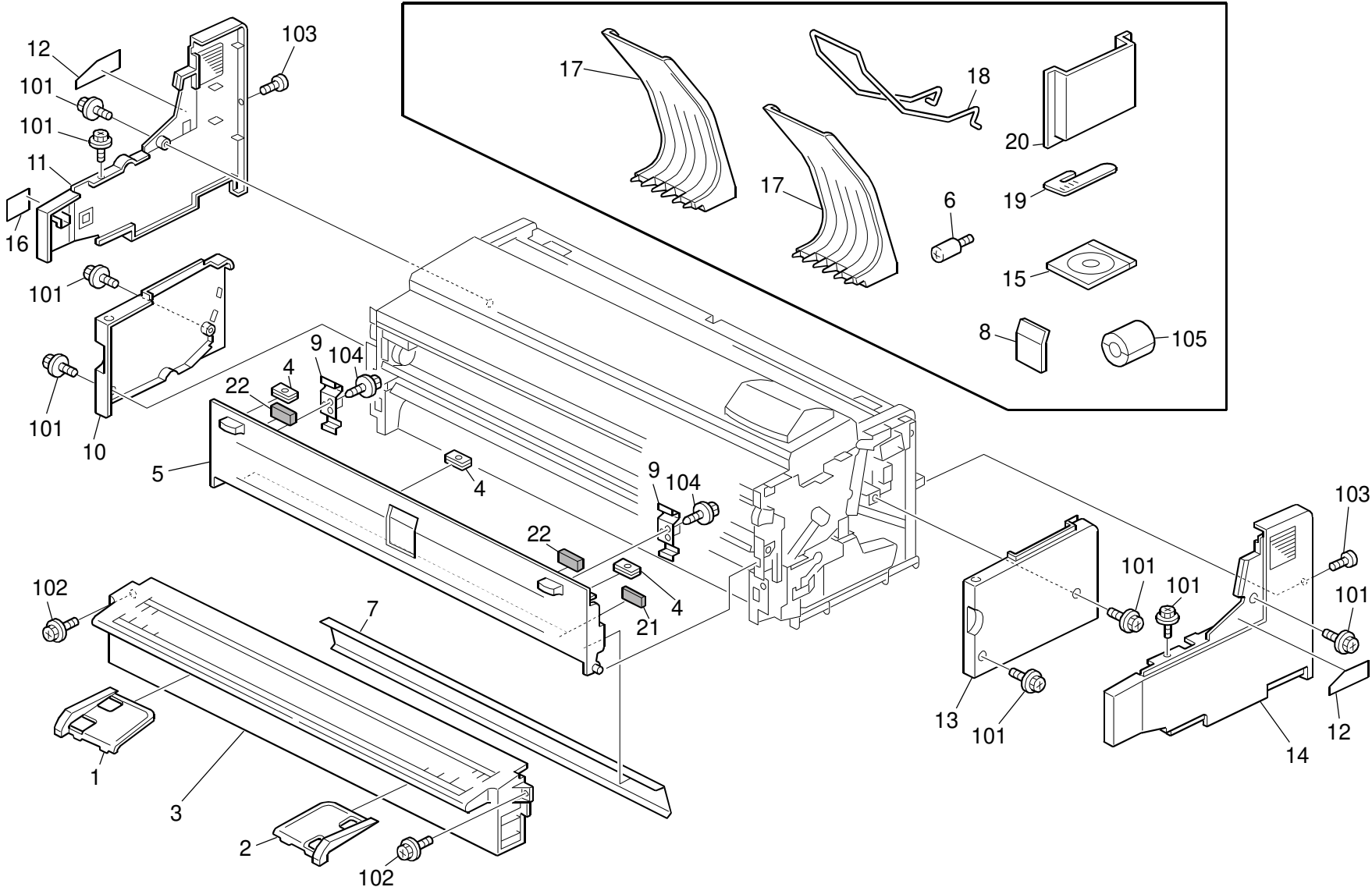


26.Special Tools (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5203 9501	Grease 501	1
2	A023 9504	Test Chart OS-A-1 (2 Sheets/Set) (B286/B289)	1
3	A257 9300	Grease - Barrierta S552R	1

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

27.Exterior 1 (G180)

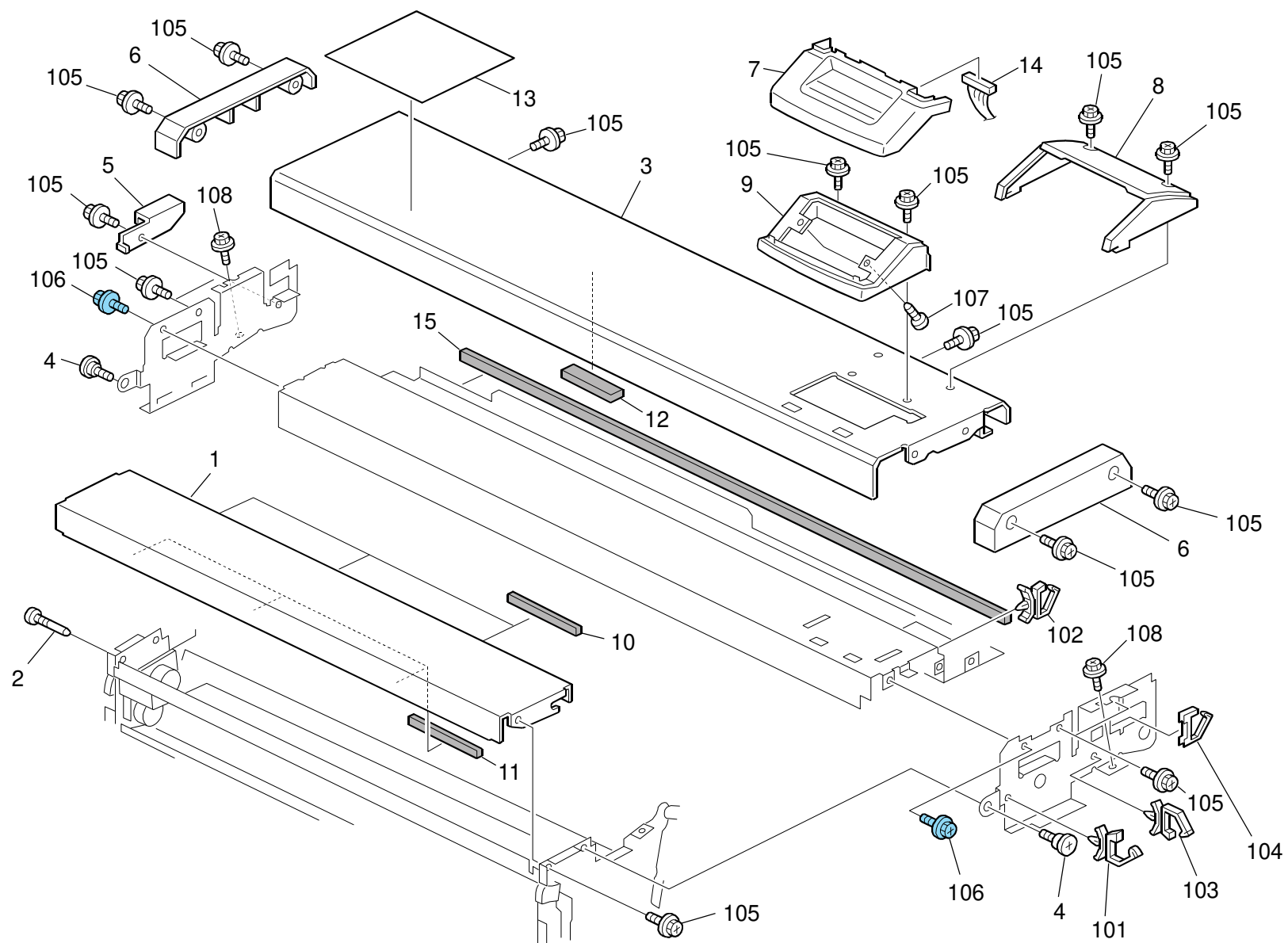


27.Exterior 1 (G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B125 4720	Side Fence:Left	1
2	B125 4723	Side Fence:Right	1
3	B286 2594	Manual Feed Table	1
4	AG07 0514	Magnet Catch	3
5	B286 4806	Cover - Toner Cartridge	1
6	AA14 3859	Positioning Pin	4
7	B125 4841	Cover Sheet - Toner Cartridge	1
8	B132 1531	Panel:Logo	1
9	G180 1265	Ground Plate - Toner Supply	2
10	B286 1286	Cover:Left Upper	1
	B125 1286	O/O (201008 PCIL)	
11	B286 1287	Cover:Left Lower	1
	B125 1287	O/O (201008 PCIL)	
12	B125 1265	Decal:High Temperature:Multi	2
13	B125 1283	Cover:Right Upper	1
14	B125 1288	Cover:Right Lower	1
15	G180 8625	CD-ROM:Operating Instructions:NA	1
16	B125 1262	Decal:Main Switch:NA	1
17	B286 1352	Copy Tray:Upper	2
	B286 1350	O/O (201012 PCIL)	
18	B275 1352	Guide Rod	1
19	B125 1355	Guide Plate:Brush	1
20	B010 1359	Operating Instructions Holder	1
21	G180 5751	Gasket - 35mm	2
22	G180 5753	Gasket - 35mm	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0453 3008N	Binding Self Tapping Screw:3x8	
104	0450 3008N	Tapping Screw - M3x8	
105	1607 1092	Ferrite Core:RFC-10	

28.Exterior 2 (G180)



28.Exterior 2 (G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G180 1253	Front Cover	1
2	AA14 3788	Pin:Guide Plate:Paper Feed	1
3	G180 1241	Upper Cover	1
4	B188 3575	Screw:Lever:Release:Blade	2
5	G180 1252	Bracket:Block Light:P	1
6	G180 1242	Left & Right Cover	2
7	G180 1420	Operation Panel	1
8	G180 1410	Upper Cover - Operation Panel	1
9	G180 1411	Lowercover - Operation Panel	1
10	G180 5750	Gasket - 70mm	3
11	G180 5754	Gasket - 70mm	3
12	G180 5750	Gasket - 70mm	1
13	G180 1237	Operation Decal	1
14	G180 5740	Harness:DC:Operation Sub-Unit:P	1
15	G180 1249	Seal:Duct:P	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0487	Harness Clamp	
102	1105 0511	Harness Clamp - LWS-0306ZC	
103	1105 0516	Clamp	
104	1105 0518	Edge Saddle - LES-1010	
105	0451 3006N	Tapping Screw - 3x6	
106	0454 3006Q	Tapping Screw - M3x6	
107	0452 3008N	Tapping Screw - M3x8	
108	0451 4006N	Tapping Screw - 4x6	

29.MCU (G180)

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	183	C11	181	C21	182	C31	229	C41	182	C51	231	C61	182
C2	228	C12	181	C22	183	C32	184	C42	183	C52	231	C62	231
C3	175	C13	231	C23	183	C33	183	C43	182	C53	231	C63	231
C4	183	C14	182	C24	183	C34	182	C44	183	C54	231	C64	231
C5	185	C15	232	C25	183	C35	182	C45	179	C55	231	C65	182
C6	179	C16	183	C26	179	C36	183	C46	176	C56	182	C66	182
C7	181	C17	183	C27	183	C37	183	C47	233	C57	231	C67	183
C8	181	C18	178	C28	182	C38	182	C48	183	C58	182	C68	228
C9	177	C19	177	C29	232	C39	183	C49	183	C59	182	C69	228
C10	181	C20	232	C30	230	C40	182	C50	182	C60	182	C70	183

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	183	C81	234	C91	183	C101	183	C111	186	C121	182	C131	183
C72	183	C82	183	C92	183	C102	183	C112	233	C122	182	C132	183
C73	183	C83	183	C93	183	C103	183	C113	183	C123	231	C133	231
C74	183	C84	183	C94	231	C104	183	C114	183	C124	182	C134	182
C75	183	C85	234	C95	231	C105	233	C115	231	C125	182	C135	231
C76	234	C86	183	C96	183	C106	183	C116	231	C126	231	C136	231
C77	183	C87	183	C97	182	C107	182	C117	231	C127	182	C137	231
C78	234	C88	183	C98	183	C108	182	C118	231	C128	182	C138	231
C79	234	C89	182	C99	183	C109	183	C119	182	C129	182	C139	231
C80	183	C90	183	C100	183	C110	183	C120	231	C130	182	C140	182

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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.
C141	182	C151	230	C161	183	C171	182	C181	182	C191	183	C201	183
C142	182	C152	230	C162	185	---	---	C182	185	C192	183	C202	183
C143	183	C153	183	C163	183	C173	182	C183	185	C193	180	C203	183
C144	183	C154	233	C164	233	C174	183	C184	183	C194	182	C204	183
C145	183	C155	233	C165	182	C175	183	C185	182	C195	182	C205	182
C146	234	C156	182	C166	182	C176	182	C186	233	C196	182	C206	182
C147	183	C157	182	C167	182	C177	235	C187	183	C197	180	C207	182
C148	234	C158	183	C168	183	C178	183	C188	182	C198	233	C208	182
C149	183	C159	185	C169	183	C179	183	C189	185	C199	233	C209	182
C150	234	C160	183	C170	182	C180	182	C190	180	C200	183	C210	182

CAPACITOR

SYMBOL NO.	INDEX NO.
C211	188
C212	183

CONNECTOR

SYMBOL NO.	INDEX NO.
CN121	118
---	---
---	---
---	---
---	---
---	---
---	---
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---	---

SYMBOL NO.	INDEX NO.
---	---
CN132	119
CN133	110
---	---
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
CN201	104
CN202	116
CN203	106
CN204	112
---	---
---	---
---	---
CN207	103
CN208	113
CN209	105
CN210	109

SYMBOL NO.	INDEX NO.
CN211	102
CN212	120
CN213	117
CN214	111
---	---
---	---
---	---
---	---
---	---
CN220	108

SYMBOL NO.	INDEX NO.
CN221	107
---	---
---	---
---	---
---	---
---	---
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SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
CN238	101
CN239	115
---	---

CA

SYMBOL NO.	INDEX NO.
CA1	187

29.MCU (G180)

CONNECTOR

SYMBOL NO.	INDEX NO.
CN244	114

DIODE

SYMBOL NO.	INDEX NO.
D1	132
D2	134
D3	131
D4	135
D5	135
D6	135
D7	135
D8	135
D9	132
D10	133

SYMBOL NO.	INDEX NO.
D11	133
D12	133
D13	133
D14	133
D15	132
D16	132
D17	132
D18	132
D19	132
D20	132

FIL

SYMBOL NO.	INDEX NO.
FIL1	189
FIL2	189

FU

SYMBOL NO.	INDEX NO.
FU1	122
FU2	124
FU3	121
FU4	123
FU5	123

IC

SYMBOL NO.	INDEX NO.
IC1	236
IC2	155
IC3	153
IC4	236
IC5	158
IC6	158
IC7	237
IC8	159
IC9	157
IC10	156

SYMBOL NO.	INDEX NO.
IC11	162
IC12	151
IC13	151
IC14	163
IC15	144
IC16	154
IC17	145
IC18	146
IC19	151
IC20	1

SYMBOL NO.	INDEX NO.
IC21	146
IC22	140
IC23	143
IC24	141
IC25	141
IC26	151
IC27	141
IC28	142
IC29	152
IC30	152

IC

SYMBOL NO.	INDEX NO.
IC31	150
IC32	148
IC33	151
IC34	166
IC35	151
IC36	141
IC37	147
IC38	162
IC39	151
IC40	154

SYMBOL NO.	INDEX NO.
IC41	140
IC42	140
IC43	149

LED

SYMBOL NO.	INDEX NO.
LED1	138
LED2	137
LED3	137

OSC

SYMBOL NO.	INDEX NO.
OSC1	168
OSC2	167

Q

SYMBOL NO.	INDEX NO.
Q1	130
Q2	127
Q3	126
Q4	128
Q5	128
Q6	129

RESISTOR

SYMBOL NO.	INDEX NO.
R1	199
R2	198
R3	198
R4	192
---	---
R6	194
R7	198
R8	199
R9	208
R10	199

SYMBOL NO.	INDEX NO.
R11	197
R12	208
R13	199
R14	199
R15	198
R16	218
---	---
R18	199
R19	199
R20	198

SYMBOL NO.	INDEX NO.
R21	196
R22	217
R23	199
R24	197
R25	198
R26	200
R27	199
R28	199
R29	199
R30	199

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R31	199	R41	196	R51	199	R61	198	R71	199	R81	199	R91	200
R32	199	R42	196	R52	198	R62	199	R72	199	R82	197	R92	198
R33	218	R43	196	R53	223	R63	208	R73	199	R83	199	R93	199
R34	218	R44	196	R54	198	R64	197	R74	208	R84	216	R94	199
R35	224	R45	196	R55	198	R65	199	R75	208	R85	197	R95	208
R36	219	R46	196	R56	199	R66	197	R76	213	R86	198	R96	199
R37	199	R47	198	R57	199	R67	218	R77	199	R87	198	R97	199
R38	199	R48	199	R58	198	R68	218	R78	199	R88	198	R98	199
R39	196	R49	199	R59	199	R69	199	R79	216	R89	199	R99	199
R40	197	R50	198	R60	198	R70	199	R80	199	R90	199	R100	215

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R101	197	R111	199	R121	199	R131	198	R141	199	R151	199	R161	198
R102	197	R112	215	R122	198	R132	198	R142	199	R152	199	R162	201
R103	198	R113	199	R123	199	R133	198	R143	198	R153	208	R163	199
R104	198	R114	213	R124	194	R134	198	R144	212	R154	204	R164	199
R105	198	R115	199	---	---	R135	198	R145	199	R155	199	R165	199
R106	216	R116	202	R126	202	R136	198	R146	199	R156	199	R166	220
R107	209	R117	215	R127	225	R137	213	R147	199	R157	198	R167	199
R108	197	R118	226	R128	214	R138	197	R148	199	R158	199	R168	199
R109	203	R119	214	R129	198	R139	207	R149	199	R159	198	R169	199
R110	193	R120	198	R130	199	R140	199	R150	199	R160	198	R170	199

29.MCU (G180)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R171	199	R181	208	R191	198	R201	197	R211	222	R221	211	R231	198
---	---	R182	199	R192	194	R202	198	R212	220	R222	211	R232	220
R173	199	R183	198	R193	194	R203	197	R213	198	R223	211	R233	222
R174	199	R184	215	R194	198	R204	199	R214	227	R224	211	R234	220
R175	199	R185	198	---	---	R205	218	R215	227	R225	199	R235	220
R176	199	R186	199	R196	218	R206	218	R216	221	R226	215	R236	198
R177	210	R187	198	R197	218	R207	199	R217	196	R227	206	R237	222
R178	210	R188	199	R198	218	R208	220	R218	199	R228	198	R238	220
R179	198	R189	199	R199	197	R209	198	R219	198	R229	199	R239	199
R180	198	R190	198	R200	198	R210	194	R220	211	R230	199	R240	211

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R241	211	R251	198	R261	205	R271	198	R281	199	R291	198	REG1	165
R242	211	R252	199	R262	208	R272	206	R282	223	R292	198	REG2	160
R243	211	R253	208	R263	199	R273	215	R283	198	R293	220	REG3	161
R244	211	R254	199	R264	195	R274	215	R284	198			REG4	164
R245	211	R255	223	R265	195	R275	206	R285	196				
R246	211	R256	198	R266	195	R276	206	R286	198				
R247	211	R257	194	R267	205	R277	215	R287	198				
R248	211	R258	194	R268	195	R278	198	R288	199				
R249	211	R259	194	R269	198	R279	215	R289	198				
R250	211	---	---	R270	198	R280	215	R290	198				

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RN

SYMBOL NO.	INDEX NO.
RN1	191
RN2	191
RN3	191
RN4	191
RN5	172
RN6	172
RN7	172
RN8	190
RN9	190
RN10	191

SYMBOL NO.	INDEX NO.
RN11	191
RN12	191
RN13	191
RN14	171
RN15	171
RN16	171
RN17	171
RN18	174
RN19	191
RN20	191

SYMBOL NO.	INDEX NO.
RN21	191
RN22	171
RN23	171
RN24	171
RN25	171
RN26	171
RN27	171
RN28	171
RN29	173
RN30	173

SYMBOL NO.	INDEX NO.
RN31	171
RN32	191
RN33	171
RN34	171
RN35	191
RN36	191
RN37	191
RN38	190
RN39	171
RN40	171

SYMBOL NO.	INDEX NO.
RN41	173
RN42	171
RN43	171
RN44	173
RN45	171
RN46	171
RN47	169
RN48	171
RN49	169
RN50	171

SYMBOL NO.	INDEX NO.
RN51	171
RN52	171
RN53	190
RN54	170
RN55	169
RN56	169
RN57	171
RN58	171
RN59	171
RN60	169

SW

SYMBOL NO.	INDEX NO.
SW1	125

TH

SYMBOL NO.	INDEX NO.
TH1	139

ZD

SYMBOL NO.	INDEX NO.
ZD1	136
ZD2	136

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Index No.	Part No.	Description	Q'ty Per Assembly
* 1	G180 5280 B238 5503	MCU Board IC:TRIO2	1 1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 3822	Connector:HIF3FC-20PA-2.54DSA(71)	
102	1102 4470	Connector:1-292250-2	
103	1102 5007	Connector:1-292132-4	
104	1102 5305	Connector	
105	1102 5344	Connector:1-292141-6	
106	1102 6339	Connector:8P	
107	1102 6396	Connector:53313-1665	
108	1102 6515	Connector:53313-3465	
109	1102 7094	Connector	
110	1102 7095	Connector:TX25-40P-LT-N1E	
111	1102 7836	Connector:B4B-PH-KBLC-H(LF)(SN)	
112	1102 8490	Connector:55451-3270	
113	1102 8491	Connector:55451-3470	
114	1102 8555	Connector:55460-0519	
115	1102 8719	Connector:55460-0419	
116	1102 9083	Connector:53375-1110	
117	1102 9380	Connector:55450-1660	
118	1103 3177	Connector:FH12-45S-0.5SV(89)	
119	1103 3663	Connector:55451-1670	
120	1103 3787	Connector:55450-1060	
121	1107 0621	Fuse:2A:250V	
122	1109 0002	Fuse:SMD200F	
123	1109 0015	Fuse:SMD050F	
124	1109 0018	Fuse:SMD100F	
125	1204 2622	DIP Switch:CHS-08TB1	
126	1400 0730	Transistor:2SD1782K	
127	1400 0775	Transistor:2SC4081	
128	1400 0822	Transistor:2SA1900	
129	1400 1040	Transistor:2SA1834S	
130	1401 0972	Transistor:2SB1260	
131	1402 1322	Diode-Array:DAN202U	
132	1402 1336	Diode - 1SS355	
133	1402 1342	Diode:1SR154-400	
134	1402 1459	Diode:RB706F-40	
135	1402 1584	Diode:DAN217U	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1663	Diode:PTZ12B	
137	1403 0953	LED:SML-310MT	
138	1403 0996	LED:SML-310VT	
139	1404 1013	Thermistor:NCP18WF104J03RB	
140	1407 2187	TTLIC - SN74LS07NS	
141	1407 2231	Driver:TD62308AFG(5)	
142	1407 3765	Driver:TD62385AFG(5)	
143	1407 4114	RS485:SN751177NS	
144	1407 5344	CMOS Logic:SN74LV02APW	
145	1407 5347	CMOS Logic:SN74LV08APW	
146	1407 5350	CMOS Logic:SN74LV00APW	
147	1407 5351	CMOS Logic:SN74LV14APW	
148	1407 5363	CMOS Logic:SN74AHCT04PW	
149	1407 5376	CMOS Logic:SN74LV32APW	
150	1407 5463	CMOS Logic:SN74LV245APW	
151	1407 5469	CMOS Logic:SN74LV07APW	
152	1407 5633	CMOS Logic:SN74LV574APW	
153	1407 5681	EEPROM:M24C08-WMN6P(REV.G)	
154	1407 5713	CMOS Logic:SN74LV06APW	
155	1407 6027	Motor Control IC:TA7291AP(5)	
156	1407 6166	Custom IC:ESOC	
157	1407 6187	CMOS Logic - SN74LVC1G07DCK	
158	1407 6368	CMOS Logic:SN74AHC1G04DCK	
159	1407 6541	Motor Control IC:STK672-410	
160	1408 1383	Series Regulator:TA7812F(LBSTA1)	
161	1408 1401	Series Regulator:TA7808F(LBSTA1)	
162	1408 1550	Operational Amplifier:LM2902PW	
163	1408 1826	IC:R3112Q421A-FA	
164	1408 2010	Series Regulator:RN5RF33A-FA	
165	1408 2016	Series Regulator:R1114Q181B-FA	
166	1408 2029	Comparator:LM2901PW	
167	1503 1004	Crystal Oscillator:19.6608MHz	
168	1503 1215	Crystal Oscillator:17.5MHz	
169	1601 7752	Resistor:10K Ω : $\pm$ 5%:4	
170	1601 7759	Resistor Array	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
172	1601 7898	Resistor Array	
173	1601 7959	Resistor	
174	1601 7960	Resistor Array:100 Ω : $\pm$ 5%:1/16W:4Number	
175	1604 4759	Capacitor:10 μ F $\pm$ 20%:50V	
176	1604 4781	Capacitor:680 μ F $\pm$ 20%:35V	
177	1604 5048	Capacitor:470 μ F $\pm$ 20%:16V	
178	1604 5064	Capacitor:47 μ F $\pm$ 20%:50V	
179	1604 5066	Capacitor:100 μ F $\pm$ 20%:50V	
180	1604 5146	Capacitor:22 μ F $\pm$ 20%:35V	
181	1604 5239	Capacitor:220 μ F $\pm$ 20%:35V	
182	1605 1137	Capacitor:470pF: $\pm$ 10%:50V	
183	1605 1148	Capacitor:0.1 μ F+80-20%:50V	
184	1605 1190	Capacitor:0.022 μ F $\pm$ 10%:50V	
185	1605 1358	Capacitor:10 μ F $\pm$ 10%:10V	
186	1605 1430	Capacitor:1 μ F+80-20%:50V	
187	1605 1480	Capacitor:100pF: $\pm$ 10%:50V	
188	1605 1547	Capacitor:2.2 μ F $\pm$ 10%:6.3V	
189	1607 1351	Filter BLM21PG221SN1B	
190	1609 0006	Resistor:10K Ω : $\pm$ 5%:1/16W	
191	1609 0007	Resistor - 68 Ω $\pm$ 5% 1/16W	
192	1610 1637	Resistor:1 Ω : $\pm$ 1%:1/2W:3216	
193	1611 8222	Resistor:2.2K Ω : $\pm$ 5%:1/4W	
194	1634 0000	Resistor - 0 Ω 1/16W	
195	1605 2392	Resistor:3.9K Ω : $\pm$ 5%:1/4W:3216	
196	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
197	1650 4101	Resistor:100 Ω : $\pm$ 5%:1/10W:1608	
198	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
199	1650 4103	Resistor:10K Ω : $\pm$ 5%:1/10W:1608	
200	1650 4105	Resistor:1M Ω : $\pm$ 5%:1/10W:1608	
201	1650 4122	Resistor:1.2K Ω : $\pm$ 5%:1/10W:1608	
202	1650 4131	Resistor:130 Ω : $\pm$ 5%:1/10W:1608	
203	1650 4132	Resistor:1.3K Ω : $\pm$ 5%:1/10W:1608	
204	1650 4152	Resistor:1.5K Ω : $\pm$ 5%:1/10W:1608	
205	1650 4202	Resistor:2K Ω : $\pm$ 5%:1/10W:1608	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1650 4203	Resistor:20K Ω : $\pm$ 5%:1/10W:1608	
207	1650 4204	Resistor:200K Ω : $\pm$ 5%:1/10W:1608	
208	1650 4222	Resistor:2.2K Ω : $\pm$ 5%:1/10W:1608	
209	1650 4243	Resistor:24K Ω : $\pm$ 5%:1/10W:1608	
210	1650 4271	Resistor:270 Ω : $\pm$ 5%:1/10W:1608	
211	1650 4301	Resistor:300 Ω : $\pm$ 5%:1/10W:1608	
212	1650 4302	Resistor:3K Ω : $\pm$ 5%:1/10W:1608	
213	1650 4330	Resistor:33 Ω : $\pm$ 5%:1/10W:1608	
214	1650 4393	Resistor:39K Ω : $\pm$ 5%:1/10W:1608	
215	1650 4472	Resistor:4.7KHM: $\pm$ 5%:1/10W:1608	
216	1650 4473	Resistor:47K Ω : $\pm$ 5%:1/10W:1608	
217	1650 4560	Resistor:56 Ω : $\pm$ 5%:1/10W:1608	
218	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
219	1654 1001	Resistor - 1K Ω $\pm$ 1%1/10W	
220	1654 1003	Resistor:100K Ω : $\pm$ 1%:1/10W:1608	
221	1654 1023	Resistor:102K Ω : $\pm$ 1%:1/10W:1608	
222	1654 2003	Resistor:200K Ω : $\pm$ 1%:1/10W:1608	
223	1654 3002	Resistor:30K Ω : $\pm$ 1%:1/10W:1608	
224	1654 3601	Resistor:3.6K Ω : $\pm$ 1%:1/10W:1608	
225	1654 5231	Resistor:5.23K Ω : $\pm$ 1%:1/10W:1608	
226	1654 5360	Resistor:536 Ω : $\pm$ 1%:1/10W:1608	
227	1654 6802	Resistor:68K Ω : $\pm$ 1%:1/10W:1608	
228	1660 2101	Capacitor - 100pF $\pm$ 10% - 50V	
229	1660 2120	Capacitor:12pF: $\pm$ 5%:50V	
230	1660 2150	Capacitor:15pF: $\pm$ 5%:50V	
231	1660 2221	Capacitor:220pF: $\pm$ 5%:50V	
232	1660 2470	Capacitor - 47pF $\pm$ 5% 50V	
233	1660 4103	Capacitor:0.01 μ F $\pm$ 10%:50V	
234	1660 4222	Capacitor:2200pF: $\pm$ 10%:50V	
235	1660 6473	Capacitor:47000pF:50V:1608	
236	1902 0080	SRAM:1M:X8:70NS:TSOP32-TYPE1	
237	1906 0094	Flash Memory:S29AL016D70TFI020	

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

30.IPU (G180)

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.
---	---	C11	175	---	---	C31	140	---	---	---	---	C61	138
C2	148	C12	175	---	---	---	---	---	---	C52	146	C62	142
C3	146	C13	175	C23	146	C33	146	---	---	---	---	C63	177
C4	146	C14	144	C24	176	C34	176	---	---	---	---	C64	145
---	---	C15	146	---	---	C35	176	---	---	---	---	C65	146
---	---	C16	175	---	---	C36	146	---	---	C56	146	C66	177
---	---	C17	175	---	---	C37	177	C47	137	C57	176	C67	176
---	---	C18	146	---	---	---	---	C48	145	C58	146	C68	177
---	---	C19	146	---	---	---	---	C49	139	C59	138	C69	176
---	---	---	---	---	---	---	---	C50	147	C60	146	C70	177

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	146	---	---	C91	177	C101	177	C111	176	C121	146	C191	176
C72	145	---	---	C92	146	C102	176	C112	145	C122	147	C192	177
C73	146	C83	146	C93	145	C103	176	C113	146	---	---	C193	143
C74	138	C84	146	C94	176	C104	177	C114	177	---	---	C194	177
C75	138	C85	176	C95	146	C105	146	C115	176	---	---	C195	176
C76	146	C86	146	C96	145	C106	176	C116	145	C126	174	C196	143
C77	138	C87	176	C97	146	C107	177	C117	146	C127	177	C197	177
C78	147	C88	146	C98	177	C108	146	C118	177	C128	146	C198	176
C79	147	C89	176	C99	176	C109	145	C119	176	C129	147	C199	176
C80	138	C90	176	C100	146	C110	146	C120	176	---	---	C200	177

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CAPACITOR

SYMBOL NO.	INDEX NO.
C201	146
C202	145
C203	145
C204	146
C205	177
C206	176
C207	176
C208	177
C209	143
C210	176

SYMBOL NO.	INDEX NO.
C211	176
C212	143
C213	177
C214	176
C215	141
C216	178
C217	146
C218	147
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SYMBOL NO.	INDEX NO.
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---	---
---	---
---	---
C278	146
C279	177
C280	176

SYMBOL NO.	INDEX NO.
C281	176
C282	177
C283	146
---	---
---	---
C286	176
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C288	174
C289	177
C290	146

SYMBOL NO.	INDEX NO.
C291	147
C292	146
C293	177

CONNECTOR

SYMBOL NO.	INDEX NO.
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---	---
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---	---
---	---
---	---
CN150	105

SYMBOL NO.	INDEX NO.
---	---
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---	---
CN155	109
CN156	109
CN157	109
---	---
CN159	110
CN160	108

CONNECTOR

SYMBOL NO.	INDEX NO.
CN161	105
---	---
---	---
---	---
---	---
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SYMBOL NO.	INDEX NO.
---	---
CN412	104
---	---
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---	---

SYMBOL NO.	INDEX NO.
CN421	106
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---	---
---	---
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CN430	107

SYMBOL NO.	INDEX NO.
CN451	102
CN452	103

DIODE

SYMBOL NO.	INDEX NO.
D2	116

FIL

SYMBOL NO.	INDEX NO.
FIL1	150
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---	---
---	---
FIL4	151
FIL5	150
FIL6	150
FIL7	150
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FIL9	151
---	---

SYMBOL NO.	INDEX NO.
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---	---
---	---
---	---
FIL15	151
FIL16	151
FIL17	150
FIL18	150
FIL19	149
FIL20	151

SYMBOL NO.	INDEX NO.
FIL21	151
FIL22	151
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FIL24	151
FIL25	149
FIL26	149
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FIL28	149
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FIL

SYMBOL NO.	INDEX NO.
FIL31	149

IC

SYMBOL NO.	INDEX NO.
---	---
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---	---
---	---
IC5	122
---	---
---	---
---	---
IC9	124
IC10	1

SYMBOL NO.	INDEX NO.
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IC12	118
IC13	123
IC14	125
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IC16	124
IC17	119
IC18	119
IC19	121
IC20	120

JP

SYMBOL NO.	INDEX NO.
JP1	158
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JP3	158
JP4	158
JP5	158
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JP6	158

LED

SYMBOL NO.	INDEX NO.
LED5	117

OSC

SYMBOL NO.	INDEX NO.
OSC1	131
OSC2	130

Q

SYMBOL NO.	INDEX NO.
Q1	113
Q2	114
Q3	114
Q4	113
Q5	114
---	---
Q6	114
Q7	114
Q8	115
Q9	113

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
R3	169
R4	169
R5	169
---	---
R6	161
---	---
---	---
R9	158
R10	158

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
R16	158
R17	158
R18	158
R19	158
---	---

SYMBOL NO.	INDEX NO.
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---	---
R23	169
R24	169
R25	158
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R26	158
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SYMBOL NO.	INDEX NO.
R31	161
R32	160
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R37	161
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R40	173

SYMBOL NO.	INDEX NO.
R41	159
---	---
R43	161
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SYMBOL NO.	INDEX NO.
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R52	170
R53	170
R54	170
R55	160
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R56	160
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---	---
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SYMBOL NO.	INDEX NO.
---	---
R62	169
R63	160
R64	160
---	---
---	---
---	---
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R69	160
R70	161

SYMBOL NO.	INDEX NO.
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R72	158
---	---
R74	158
R75	159
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R76	158
R77	158
R78	158
R79	158
R80	158

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RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R81	159	R91	161	---	---	R111	162	R121	168	R131	160	R141	161
R82	158	R92	169	R102	158	R112	168	R122	171	R132	160	R142	161
R83	161	R93	169	R103	173	R113	160	R123	160	R133	160	R143	161
---	---	R94	161	R104	158	R114	160	R124	167	R134	160	R144	161
---	---	R95	161	R105	161	R115	168	R125	160	R135	170	R145	161
---	---	R96	160	---	---	R116	168	R126	160	R136	161	R146	161
R87	170	R97	160	R107	170	R117	168	R127	160	R137	161	R147	161
R88	162	R98	160	R108	161	R118	168	R128	169	R138	161	R148	169
R89	164	R99	158	---	---	R119	168	R129	160	R139	159	R149	169
---	---	R101	169	R110	159	R120	168	R130	160	R140	159	R150	169

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.
R151	169	R161	157	---	---	R181	159	---	---	R201	166	---	---
R152	161	R162	165	---	---	R182	159	---	---	R202	160	---	---
R153	161	R163	160	---	---	R183	159	---	---	R203	160	---	---
R154	161	---	---	R174	160	---	---	---	---	R204	158	---	---
R155	161	---	---	R175	160	---	---	---	---	R205	160	---	---
R156	161	---	---	R176	159	---	---	---	---	R206	160	---	---
R157	161	---	---	---	---	---	---	---	---	---	---	---	---
R158	160	---	---	R178	161	---	---	---	---	---	---	R228	170
R159	169	---	---	R179	161	---	---	R199	158	---	---	R229	163
---	---	---	---	R180	161	---	---	R200	158	---	---	---	---

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RESISTOR

SYMBOL NO.	INDEX NO.
R231	163
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---	---
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---	---

SYMBOL NO.	INDEX NO.
R241	170
---	---
R243	169
R244	160
R245	161
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R247	172

REG

SYMBOL NO.	INDEX NO.
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---	---
REG5	129
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REG6	128
REG7	127
REG8	126

RN

SYMBOL NO.	INDEX NO.
RN1	152
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SYMBOL NO.	INDEX NO.
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RN27	132
RN28	153
RN29	153
RN30	132

SYMBOL NO.	INDEX NO.
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---	---
RN35	153
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RN36	153
RN37	152
RN38	133
RN39	133
RN40	133

SYMBOL NO.	INDEX NO.
RN41	133
RN42	134
RN43	156
RN44	156
RN45	154
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RN46	154
RN47	134
RN48	134
RN49	154
RN50	154

RN

SYMBOL NO.	INDEX NO.
RN51	134
RN52	154
RN53	154
RN54	154
RN55	154
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RN56	135
RN57	155
RN58	135
RN59	155
RN60	153

SYMBOL NO.	INDEX NO.
RN61	153
RN62	153
RN63	153
RN64	153
RN65	153
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RN66	132
---	---
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SYMBOL NO.	INDEX NO.
RN71	135
RN72	155
RN73	153
RN74	153
RN75	132
---	---
RN76	136
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SYMBOL NO.	INDEX NO.
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---	---
RN83	155

SW

SYMBOL NO.	INDEX NO.
SW1	111
SW2	112

TP

SYMBOL NO.	INDEX NO.
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TP2	101
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---	---
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TP6	101
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TP9	101
---	---

SYMBOL NO.	INDEX NO.
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---	---
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---	---
TP16	101
TP17	101
---	---
TP19	101
---	---

SYMBOL NO.	INDEX NO.
---	---
TP22	101
TP23	101
TP24	101
TP25	101
---	---
TP26	101
TP27	101
TP28	101
TP29	101
TP30	101

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TP

SYMBOL NO.	INDEX NO.
TP31	101
TP32	101

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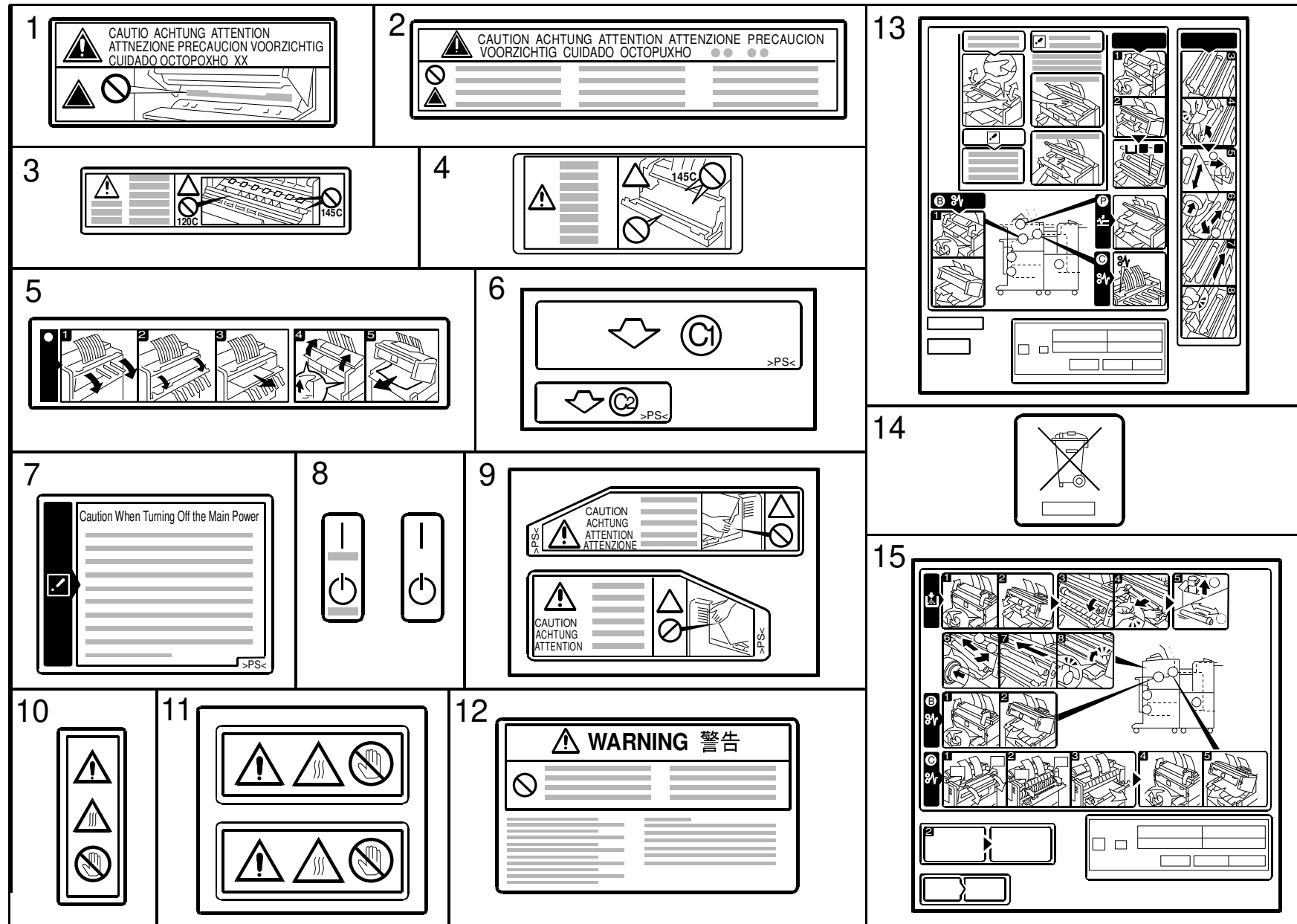
Index No.	Part No.	Description	Q'ty Per Assembly
* 1	G180 5210 B188 5350	IPU Board LSI:MB87M4290	1 1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1100 1829	Test Pin:RCTCBK	
102	1102 4466	Connector:292250-8	
103	1102 6337	Connector:292250-8	
104	1102 7097	Connector:TX24-40R-LT-N1E	
105	1102 8091	Connector:53505-4071	
106	1102 9210	Connector:55450-0860	
107	1102 9535	Connector:200PS-JUK-G-B	
108	1102 9880	Connector:55450-0350	
109	1103 3167	Connector:FH12-28S-0.5SH(89)	
110	1103 3787	Connector:55450-1060	
111	1204 2306	DIPSW:CHS-04B	
112	1204 2413	Switch	
113	1400 0637	Transistor:DTC144EUA	
114	1400 0754	Transistor:UMG1N	
115	1400 0948	Transistor:DTC143ZE	
116	1402 1386	Diode DA221	
117	1403 0978	LED:SML-310DT	
118	1407 5069	IC:DS90C363MTD/NOPB	
119	1407 5334	CMOS Logic:74LVC244A:TSSOP	
120	1407 5366	CMOS Logic:74LVC08A:TSSOP	
121	1407 5630	CMOS Logic:SN74LVC138APW	
122	1407 6292	Controller:RB5V861	
123	1407 6335	CMOS Logic:SN74LVC1G17DCK	
124	1407 6568	Clock Generator:ICS7152M-11LF	
125	1408 0575	IC:M51957BFP	
126	1408 2388	Series Regulator:AIC1117A-33PYJ	
127	1408 1508	Series Regulator:PQ07VZ012ZPH	
128	1408 2404	Series Regulator:AIC1117A-18PYJ	
129	1408 2407	Series Regulator:AIC1117A-PEJ	
130	1503 1064	Crystal Oscillator:24.576MHz	
131	1503 1170	Crystal Oscillator:21.176MHz	
132	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
133	1601 7898	Resistor Array	
134	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32W	
135	1601 7959	Resistor	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1601 7960	Resistor Array:100Ω:±5%:1/16W:4Number	
137	1604 4968	Capacitor:330μF±20%:6.3V	
138	1604 5070	Capacitor:100μF±20%:10V	
139	1604 5202	Capacitor:100μF±20%:6.3V	
140	1605 1148	Capacitor:0.1μF+80-20%:50V	
141	1605 1165	Capacitor:680pF:±5%:50V	
142	1605 1187	Capacitor:0.047μF±10%:50V	
143	1605 1224	Capacitor:4.7μF±10%:6.3V	
144	1605 1225	Capacitor:0.1μF±10%:50V	
145	1605 1306	Capacitor:1μF±10%:10V	
146	1605 1353	Capacitor:0.1μF±10%:25V	
147	1605 1406	Capacitor:10μF±10%:6.3V	
148	1605 1563	Capacitor:10μF±10%:10V	
149	1607 0861	Filter:BK2125HS101	
150	1607 1051	Filter:FBMJ2125HS420	
151	1607 1351	Filter BLM21PG221SN1B	
152	1609 0005	Resistor:33Ω:±5%:1/16W	
153	1609 0006	Resistor:10KΩ:±5%:1/16W	
154	1609 0011	Resistor:22Ω:±5%:1/16W	
155	1609 0015	Resistor:1KΩ:±5%:1/16W	
156	1609 0026	Resistor:47Ω:±5%:1/16W	
157	1610 1777	Resistor:5.1Ω:±1%:1/10W:1608	
158	1634 0000	Resistor - 0Ω 1/16W	
159	1654 1000	Resistor:100Ω:±1%:1/10W:1608	
160	1654 1001	Resistor - 1KΩ±1%1/10W	
161	1654 1002	Resistor:10KΩ:±1%:1/10W:1608	
162	1654 1003	Resistor:100KΩ:±1%:1/10W:1608	
163	1654 1103	Resistor:110KΩ:±1%:1/10W:1608	
164	1654 1009	Resistor:10Ω:±1%:1/10W:1608	
165	1654 1210	Resistor:121Ω:±1%:1/10W:1608	
166	1654 1500	Resistor:150Ω:±1%:1/10W:1608	
167	1654 1651	Resistor:1.65KΩ:±1%:1/10W:1608	
168	1654 2209	Resistor:22Ω:±1%:1/10W:1608	
169	1654 3309	Resistor:33Ω:±1%:1/10W:1608	
170	1654 4701	Resistor:4.7KΩ:±1%:1/10W:1608	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1654 4990	Resistor:499Ω:±1%:1/10W:1608	
172	1654 5100	Resistor:510Ω:±1%:1/10W:1608	
173	1654 6809	Resistor:68Ω:±1%:1/10W:1608	
174	1660 2221	Capacitor:220pF:±5%:50V	
175	1660 2470	Capacitor - 47pF ±5% 50V	
176	1660 2471	Capacitor - 470pF - ±5% - 50V	
177	1660 4103	Capacitor:0.01μF±10%:50V	
178	1660 4222	Capacitor:2200pF:±10%:50V	

31.Decal And Documents (B286/B289/G180)



31.Decal And Documents (B286/B289/G180)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA00 0225	Decal:High Temperature:120C	1
2	AA00 0226	Decal:Warning:High Temperature	1
3	AA00 0235	Decal:Warning:High Temperature	1
4	AA00 0251	Decal:H-temp Warning:Fusing Exit:Outer	1
5	AA00 3209	Decal - Misfeed Removal Exit	1
6	AA00 3210	Decal - Grip	2
7	B082 6403	Decal:Power Source:Off:EXP	1
7	B188 1373	Decal:Power Source:Off:CHN	1
8	B125 1262	Decal:Main Switch:NA	1
8	B125 1263	Decal:Main Switch	1
9	B125 1265	Decal:High Temperature:Multi	1
10	B125 1266	Decal:High Temperature:Vertical	1
11	B125 1268	Decal:High Temperature:Side	1
12	B286 3662	Decal:Toner Recycling	1
13	B286 4885	Decal:Original:Operate:EXP (B286/B289)	1
14	J001 2314	Decal - WEEE	1
15	G180 1237	Operation Decal (G180)	1

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

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PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No.
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	AD02 0059	Corona Wire - Main (Transfer)	Corona Wire - Main	1	27 - 7
	AD02 0072	Corona Wire - Separation	Corona Wire - Separation	1	27 - 8
	B125 2061	Cleaner:Charge Corona	Cleaner:Charge Corona	1	27 - 23
Development Unit (B286/B289)	B125 9640	Developer (1000g)	Developer Type 30W Black	1	25 - 1
Drum Section (B286/B289/G180)	B286 3581	Cleaning Blade	Cleaning Blade	1	23 - 37
Fusing Unit 1 (B286/B289/G180)	AE01 1122	Hot Roller	Hot Roller	1	31 - 13
	AE03 1056	Bushing - Fusing (Hot Roller)	Bushing - Fusing	2	31 - 7
	AE02 0148	Pressure Roller:MM55	Pressure Roller:MM55	1	31 - 17
	AE04 2047	Fusing Cleaning Roller	Fusing Cleaning Roller	1	31 - 30
Electrical Section 2 (B286/B289/G180)	AA01 0119	Exhaust Ozone Filter	Ozone Filter	1	43 - 7

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B286 1050	Gasket:20mm	45 - 24
B286 1084	Bracket:Latch:Right	45 - 20
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B286 1141	Tightener	23 - 43
B286 1144	Spring:Tightener:Drum	23 - 15
B286 1146	Pulley:Tightener	23 - 3
B286 1151	Flange:Timing Pulley	23 - 1
B286 1160	Cover:Printed Circuit Board	21 - 13
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