



Model Founder ML319/319D (B282/B283)

PARTS CATALOG

First edition, September 2008

Ricoh Company, LTD.

Model Founder ML319/319D (B282/B283)

PARTS CATALOG

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

Model Founder ML319/319D	(B282/B283)
ADF DF2000	(B813)
ARDF DF2010	(B814)
Platen Cover Type 1080	(B406)
PS460/Grip	(B385/B274)
PS450/Grip	(B384/B274)

Model Founder ML319/319D
(B282/B283)

Model Founder ML319/319D (B282/B283)

PARTS CATALOG

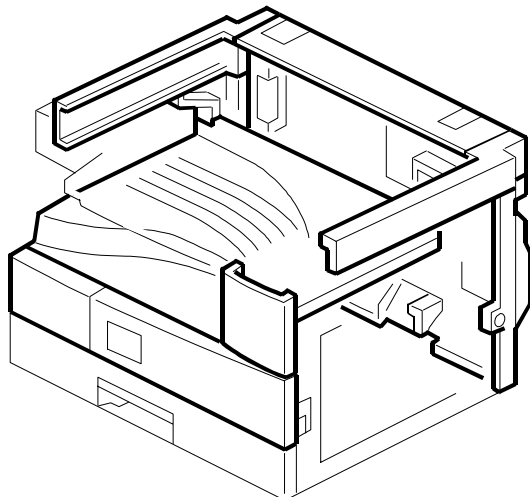
This catalog gives the numbers and names of parts on this machine.

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September ,25 ' 2008

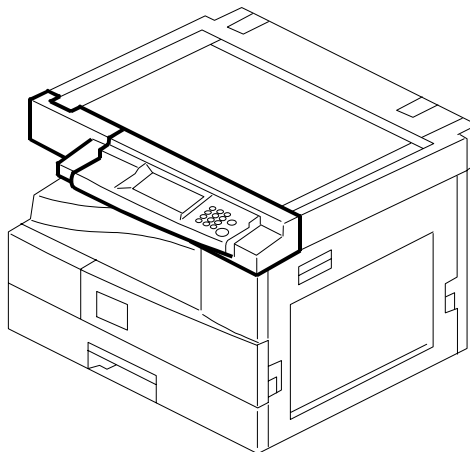
LOCATIONS OF UNITS

1. Exterior 1 (B282/B283)



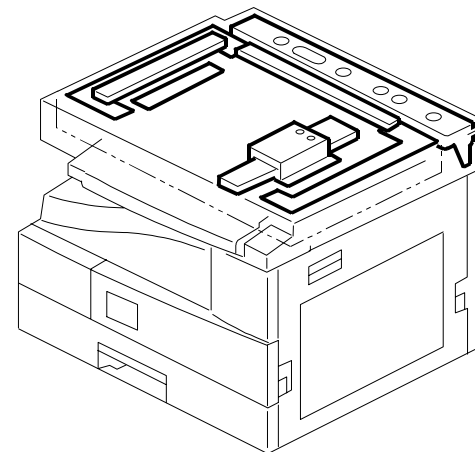
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2. Operation Panel (B282/B283)



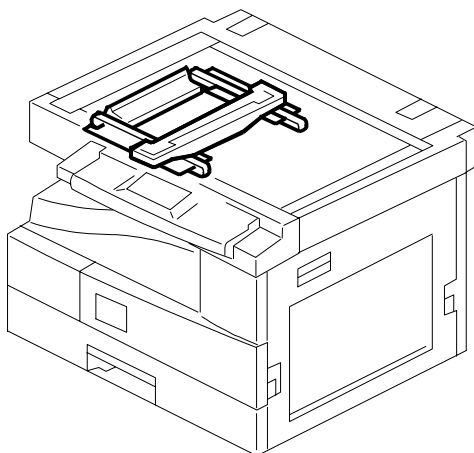
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3. Optics Section 1 (B282/B283)



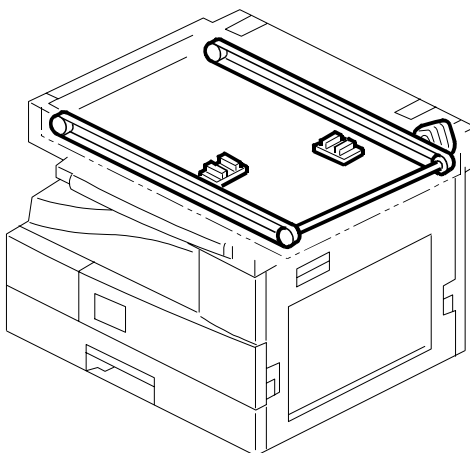
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4. Optics Section 2 (B282/B283)



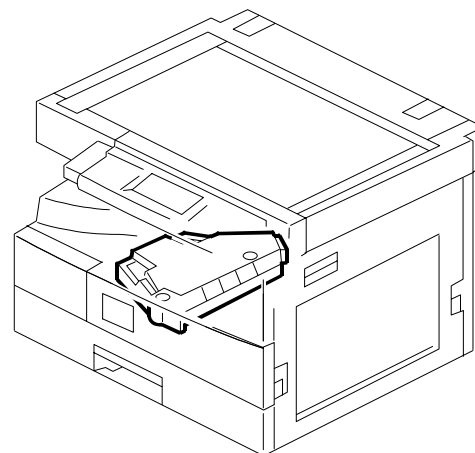
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5. Optics Section 3 (B282/B283)



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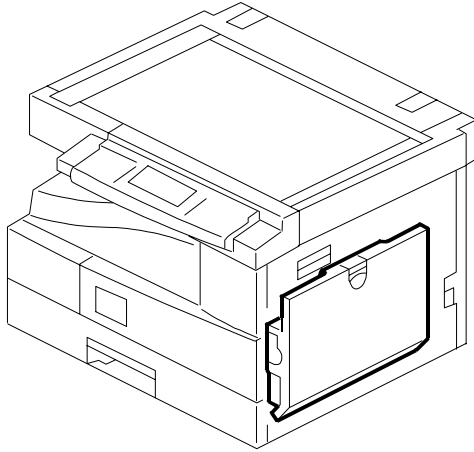
6. Laser Unit (B282/B283)



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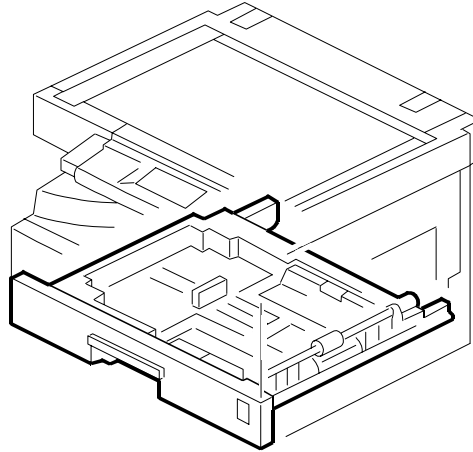
LOCATIONS OF UNITS

7. By-pass Feed Section (B282/B283)



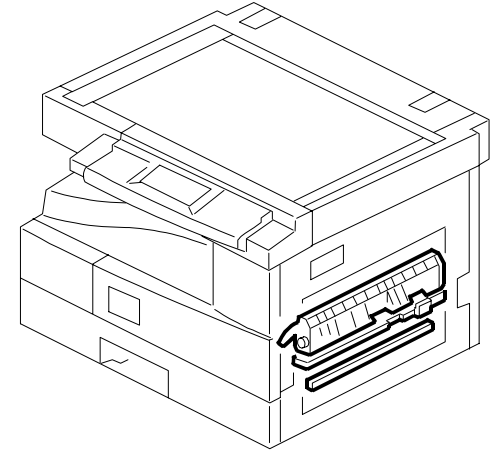
See Page 21

8. Paper Cassette (B282/B283)



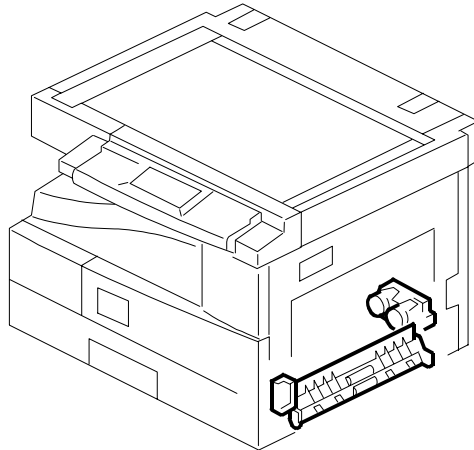
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9. Paper Registration (B282/B283)



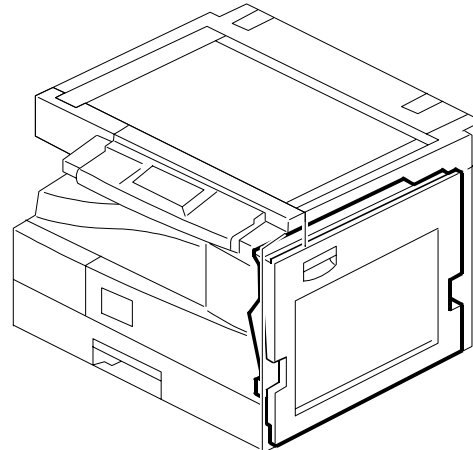
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10. 1st Paper Feed Section (B282/B283)



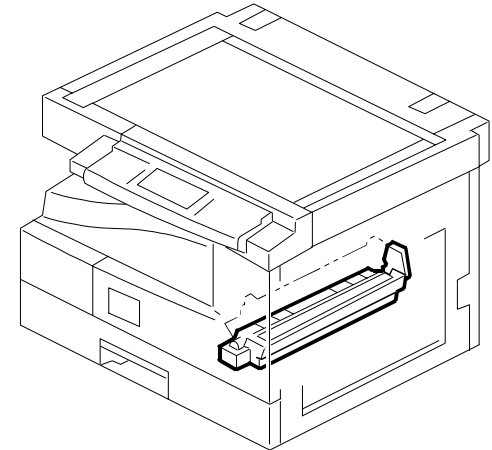
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11. Vertical Transport (B282/B283)



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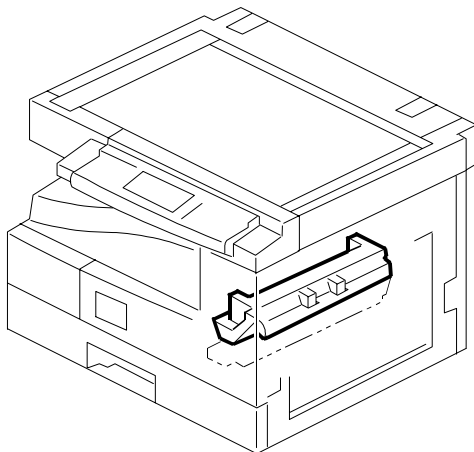
12. PCU 1 (B282/B283)



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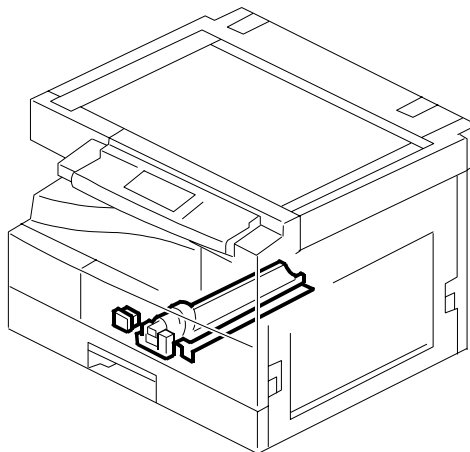
LOCATIONS OF UNITS

13. PCU 2 (B282/B283)



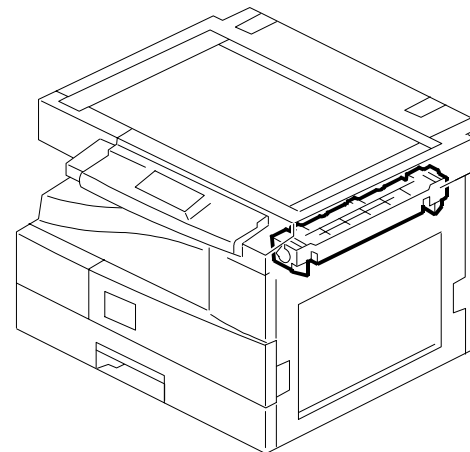
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14. Toner Supply Unit (B282/B283)



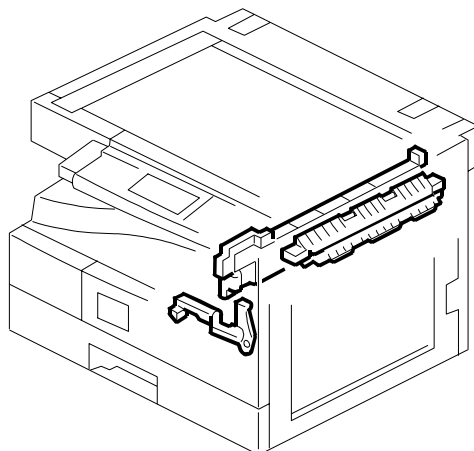
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15. Fusing Unit (B282/B283)



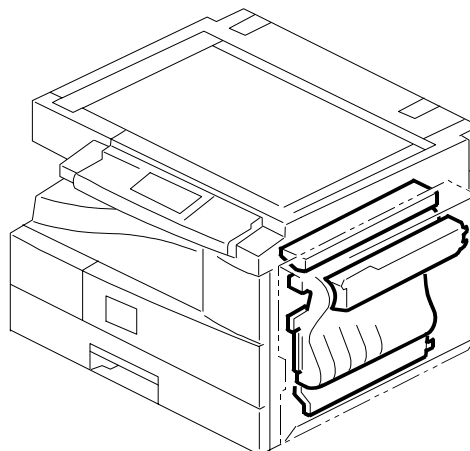
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16. Paper Exit Section (B282/B283)



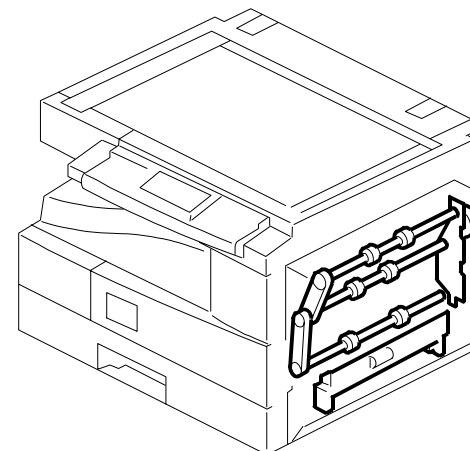
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17. Duplex Unit 1 (B282)



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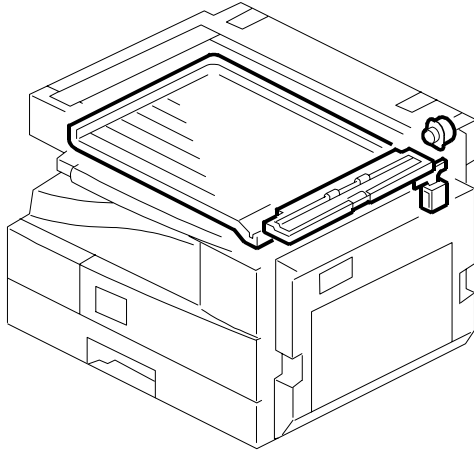
18. Duplex Unit 2 (B282)



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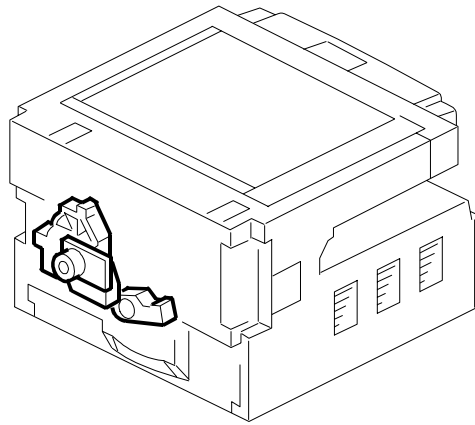
LOCATIONS OF UNITS

19. Duplex Unit 3 (B282)



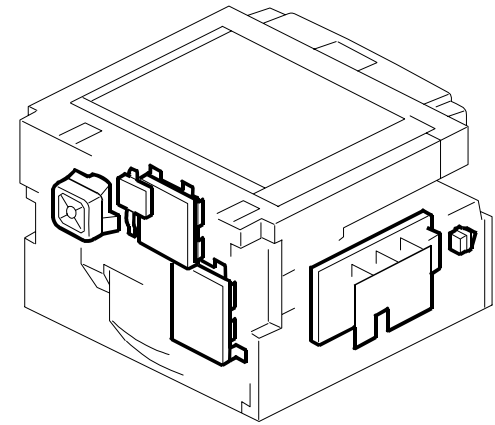
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20. Drive Section (B282/B283)



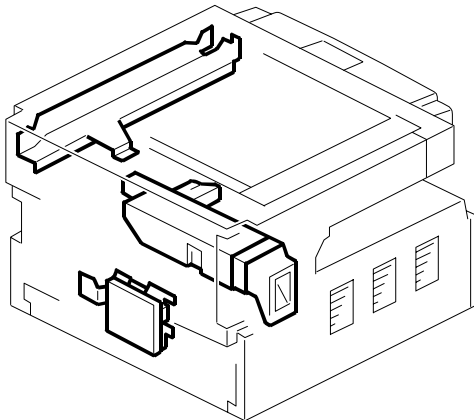
See Page 47

21. Electrical Section 1 (B282/B283)



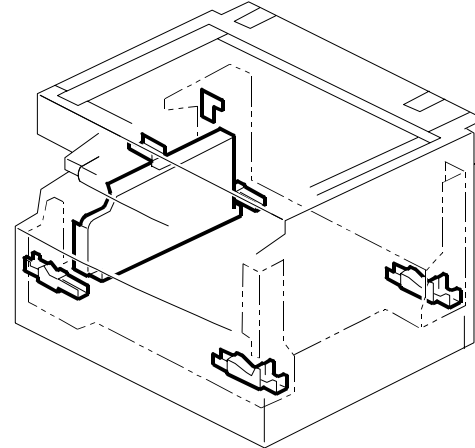
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22. Electrical Section 2 (B282/B283)



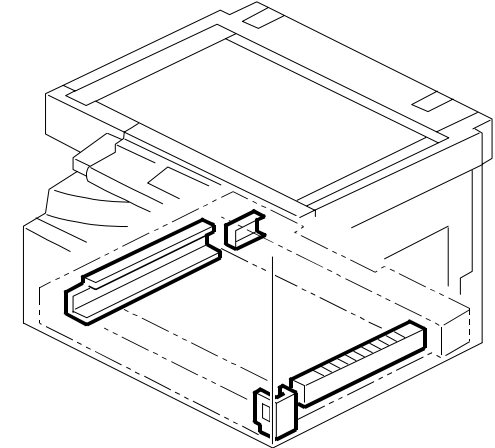
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23. Frame Section 1 (B282/B283)



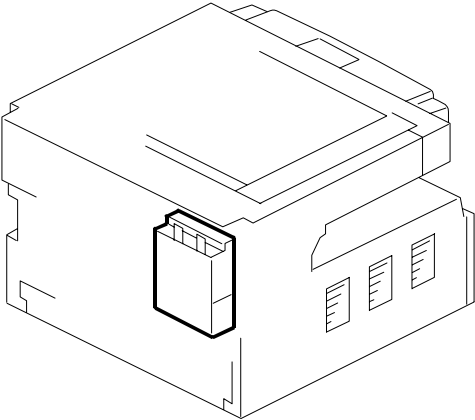
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24. Frame Section 2 (B282/B283)

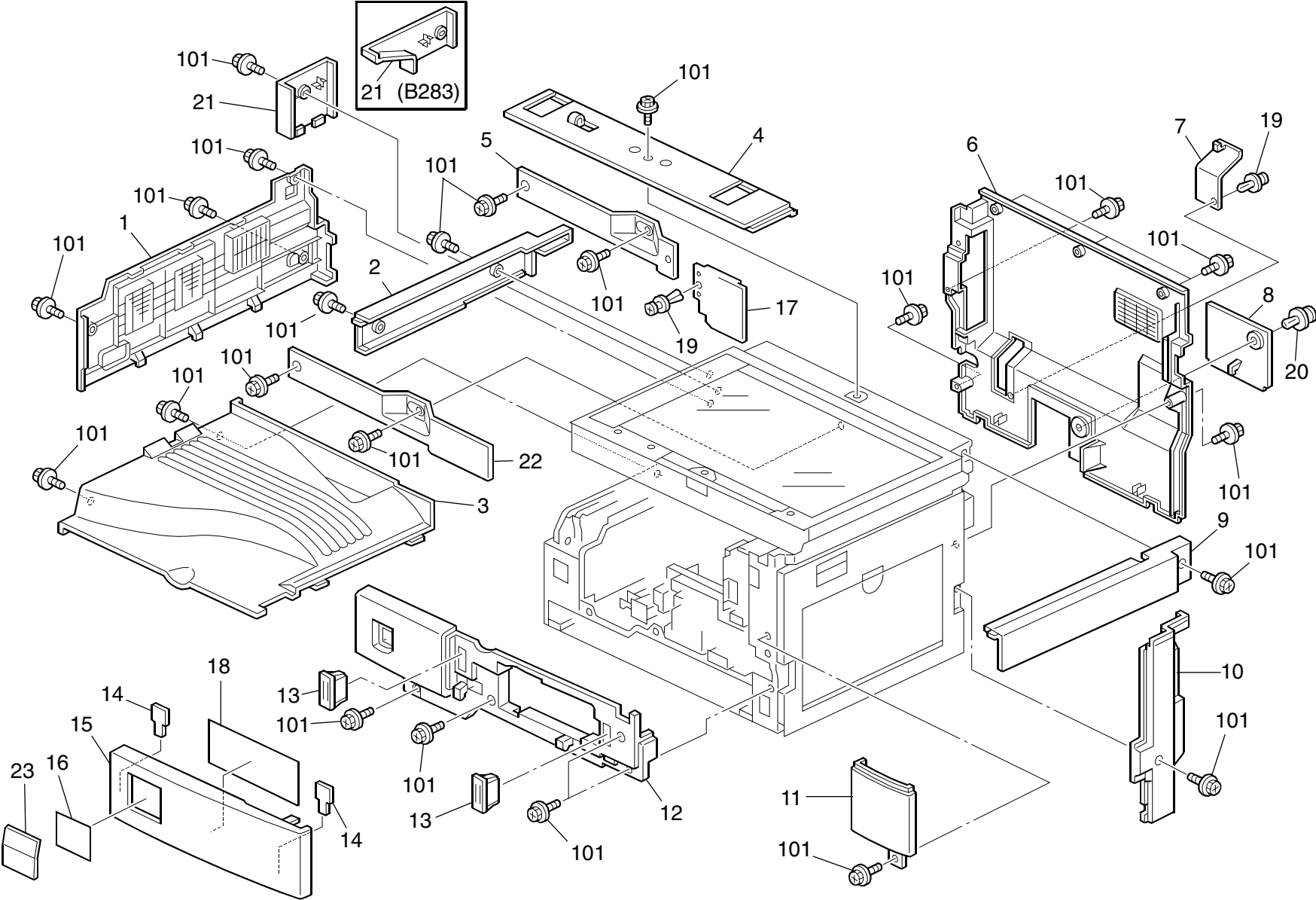


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LOCATIONS OF UNITS

25. GDI Unit (B282/B283)  See Page 57		

1.Exterior 1 (B282/B283)

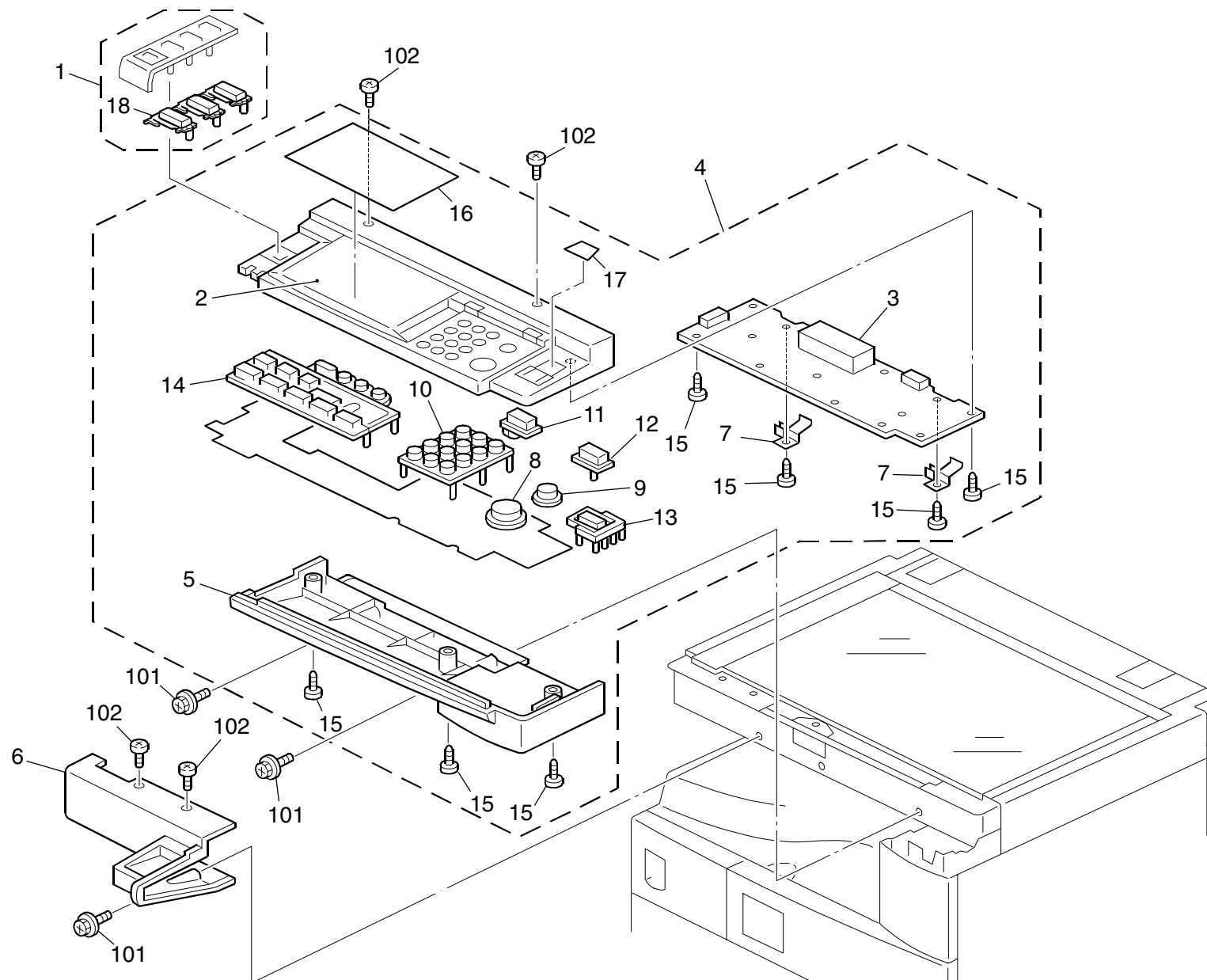


1.Exterior 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B121 1316	Left Cove NA	1
2	B276 1332	Cover:Scanner:Left:NA	1
3	B121 1354	Exit Cover NA	1
4	B039 1333	Rear Scanner Cover	1
5	B277 1370	Cover:Exit:Rear:C:NA (B282)	1
6	B277 1339	Cover:Rear:C:NA (B282)	1
6	B121 1337	Rear Cover NA (B283)	1
7	B121 1313	IC Card Cap	1
8	B121 1348	Paper Bank Cap	1
9	B276 1335	Cover:Scanner:Right:NA	1
10	B277 1347	Cover:Right Rear:C:NA (B282)	1
10	B039 1347	Right Rear Cover (B283)	1
11	B277 1310	Cover:Right Upper Front:C:NA (B282)	1
11	B039 1339	Cover - Front Right Upper (B283)	1
12	B282 1352	Cover:Front:CHN	1
13	B259 1367	Cover Magnet	2
14	B039 1361	Magnet Catch	2
15	B276 1338	Front Door - CNH	1
16	B282 7461	Model Name Plate (B282)	1
16	B283 7461	Model Name Plate (B283)	1
17	B277 1372	Cover:Sorter:NA (B282)	1
18	B039 1365	Sheet - Operation Instructions	1
19	B039 1367	Rivet - M6	2
20	B039 1364	Rivet - M7	1
21	B122 1323	Left Upper Cover (B282)	1
21	B121 1322	Left Upper Cover B (B283)	1
22	B276 1368	Cover:Exit:Rear:B:NA	1
23	B132 1531	Panel:Logo	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	

2.Operation Panel (B282/B283)

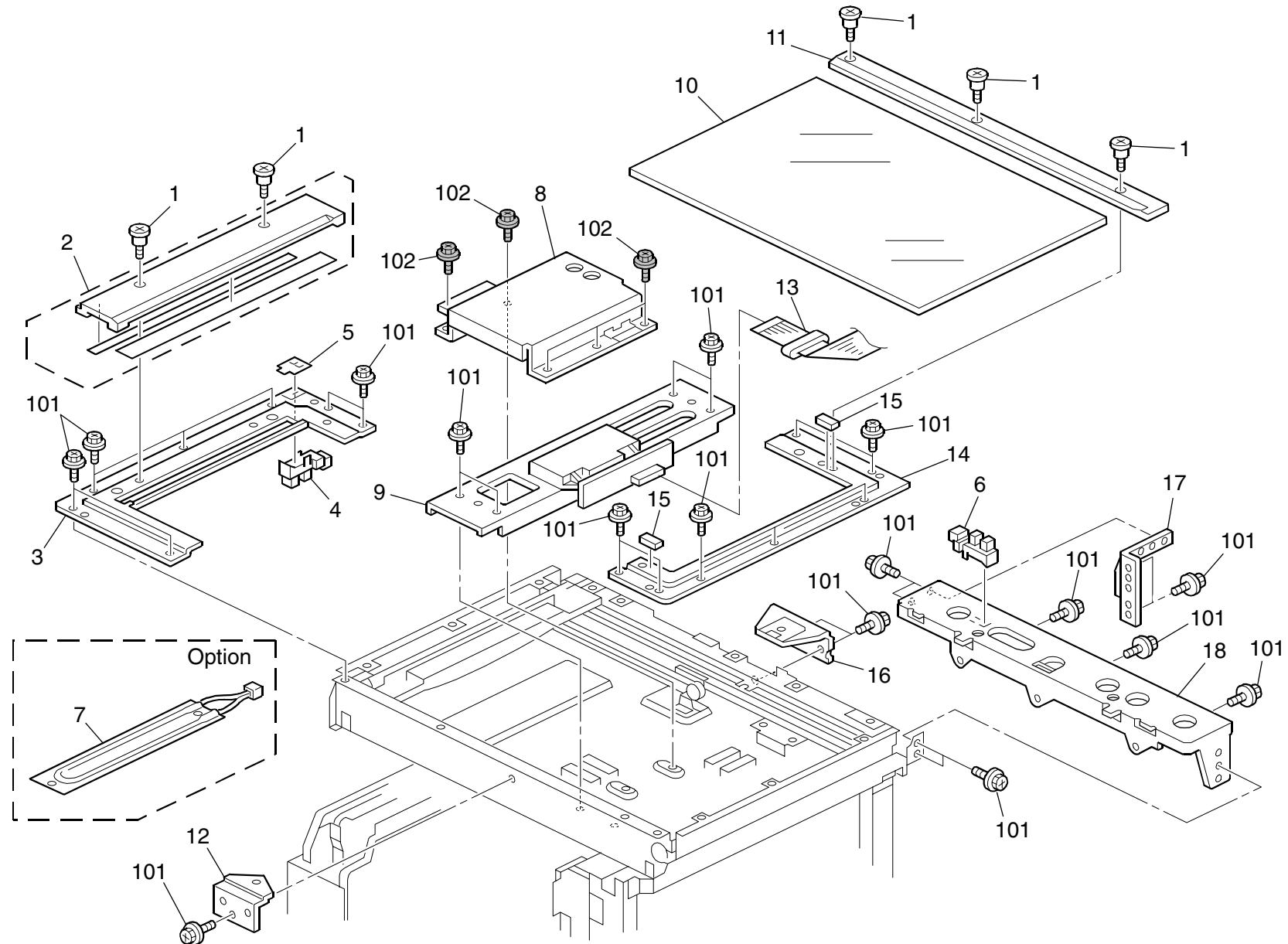


2.Operation Panel (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B243 1468	Cover - CPS EU	1
2	B245 1495	LCD:A:168x64DOTS:B/L	1
3	B282 1487	PCB:Duplex:GW-C1/C2D	1
4	B282 1412	Operation Sub-unit:Base:Duplex: GW-C1/C2D:Ass'y	1
4	B283 1422	Operation Sub-Unit:Base:GW-C1/C2D:Ass'y	1
5	B276 1452	Cover:Operation Sub-Unit:Lower	1
6	B243 1425	Cover - Operation Panel	1
7	B039 1469	Ground Plate	2
8	B229 1453	Keytop - Start	1
9	B229 1454	Keytop - Clear/Stop	1
10	B229 1475	Keytop - 10key	1
11	B229 1525	Keytop-Initial	1
12	B229 1537	Keytop - Clear Modes	1
13	B243 1458	Keytop - Power Source	1
14	B243 1459	Keytop - Cursor	1
15	B259 1499	Tapping Screw - M3x8	7
16	B282 1473	Sheet:Operation Panel:Duplex: GW-C1/C2D (B282)	1
16	B245 1473	Sheet:Operation Panel:A:EU (B283)	1
17	B229 1522	Sheet-Power Source-EU	1
18	B243 1469	Keytop:CPS:EU	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0353 0050N	Screw-M3x5	

3.Optics Section 1 (B282/B283)

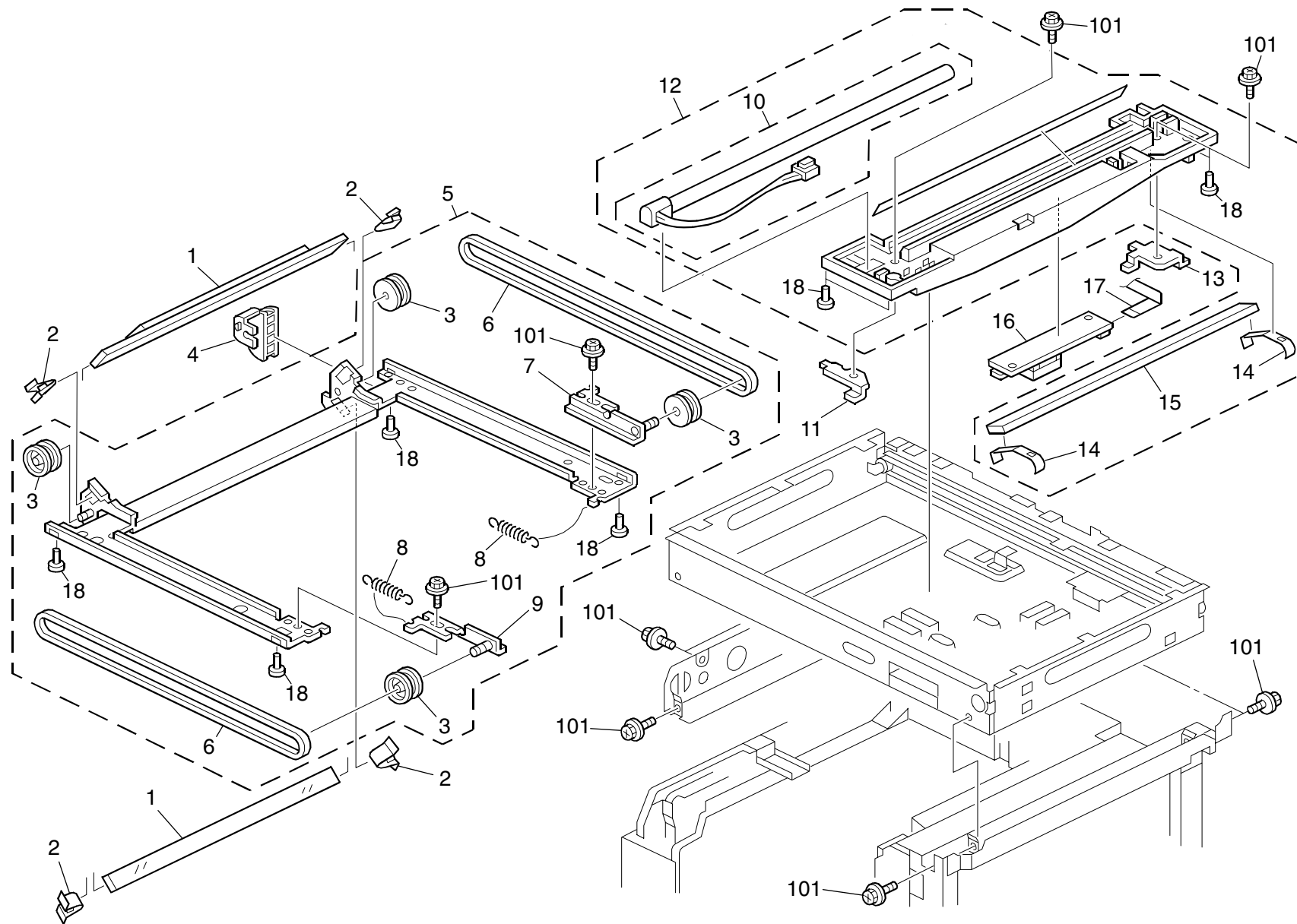


3.Optics Section 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B390 1759	Shaft:Scale	5
2	B268 1749	Scale - Left	1
3	B039 1710	Left Scanner Bracket	1
4	AW02 0156	Photointerruptor: EE-SX4235A-P2	1
5	A193 1793	Scanner Home Sensor Stopper	1
6	GW02 0020	Photointerruptor:LG248NL1	1
7	A250 1822	Heater - 9W	1
8	B276 1808	Inner Cover:Lens	1
9	B259 1812	Lens Unit	1
10	A250 1752	Exposure Glass	1
11	B268 1751	Scale - Inner Back	1
12	B039 1666	Bracket - Operation Panel	1
13	B243 1804	Harness - FFC	1
14	B039 1712	Right Scanner Bracket	1
15	B283 1924	Cushion:Glass:B	2
16	B039 1658	Rear Scale Bracket	1
17	B121 1069	Support Bracket	1
18	B039 1068	ADF Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0454 3006Q	Tapping Screw - M3x6	

4.Optics Section 2 (B282/B283)

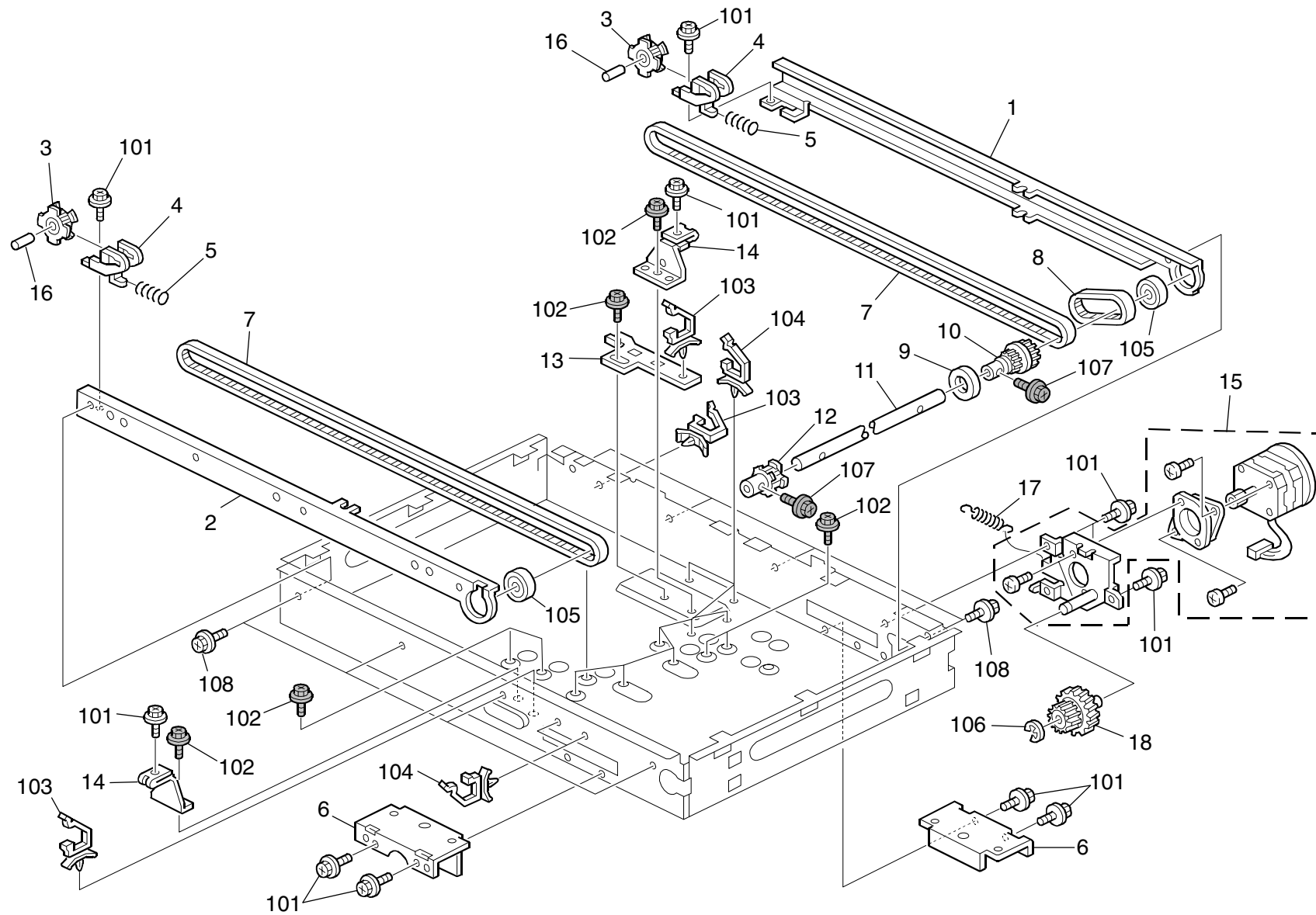


4.Optics Section 2 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 1787	2nd Mirror	2
2	B039 1781	2nd Mirror Holder	4
3	B039 1785	Scanner Drive Pulley	4
4	B121 1782	Flexible Board Guide	1
5	B259 1768	Carriage No.2 Ass'y	1
6	B039 1784	Scanner Drive Belt	2
7	B259 1778	Idler Belt Pulley Bracket - Rear	1
8	B039 1790	Tension Spring	2
9	B259 1776	Idler Belt Pulley Bracket - Front	1
10	B121 1757	Xenon Lamp Mm8 26000/70	1
11	B039 1758	Timing Belt Holder - Front	1
12	B121 1751	No.1 Carriage Ass'y	1
13	B039 1759	Timing Belt Holder - Rear	1
14	B121 1766	No.1 Mirror Clamp	2
15	B121 1762	No.1 Mirror	1
16	B259 1763	Xenon Lamp Stabilizer	1
17	B259 5223	Harness - Stabilizer	1
18	G570 2730	Slider - Scanner	8

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	

5.Optics Section 3 (B282/B283)

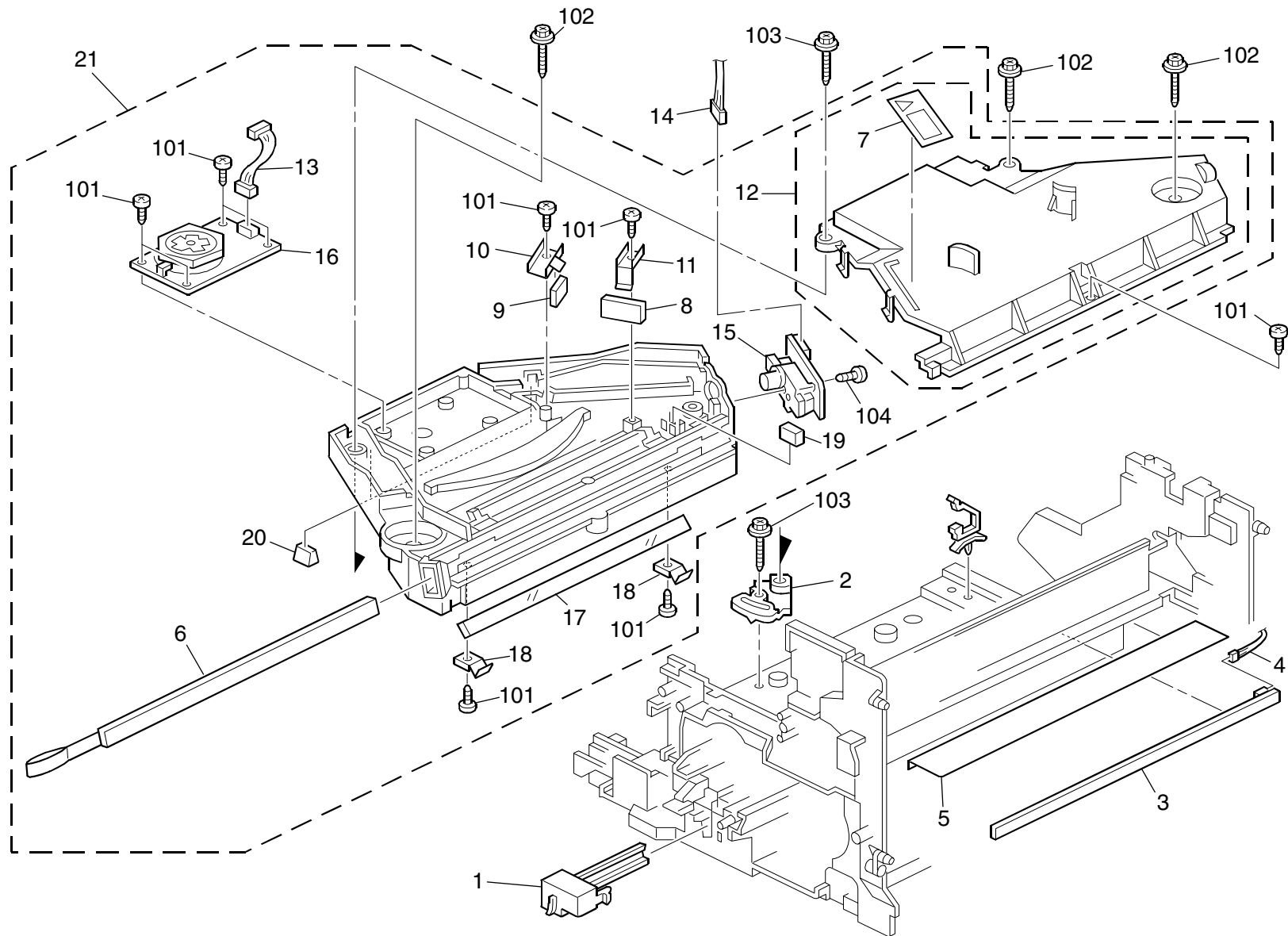


5.Optics Section 3 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 1663	Rear Scanner Frame	1
2	B039 1662	Front Scanner Frame	1
3	B039 1703	Pulley - 37Z	2
4	B039 1701	Bracket - Idler	2
5	B039 1704	Spring - Timing Pulley	2
6	B121 1667	Lens Stay Bracket	2
7	B039 1697	Timing Belt - 1058.25XL	2
8	B121 1696	Timing Belt L147	1
9	B039 1695	Flange - Pulley	1
10	B039 1694	Pulley - 37/41Z	1
11	B259 1691	Scanner Drive Shaft	1
12	B039 1692	Pulley - 37Z	1
13	B039 1668	Bracket - Stabilizer Harness	1
14	B121 1664	Bracket - Timing Belt	2
15	B039 1670	Scanner Drive Motor - DC3.6V 2.88W	1
16	B259 1702	Pulley Shaft	2
17	B039 1683	Tension Spring - Stepper Motor	1
18	B121 1680	Gear - 53Z/60Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0454 3006Q	Tapping Screw - M3x6	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	1105 0487	Harness Clamp	
105	0805 3530	Bearing 8x22x7	
106	0720 0060E	Retaining Ring - M6	
107	0360 3006P	Screw - M3x6	
108	0453 3006N	Tapping Screw - M3x6	

6.Laser Unit (B282/B283)

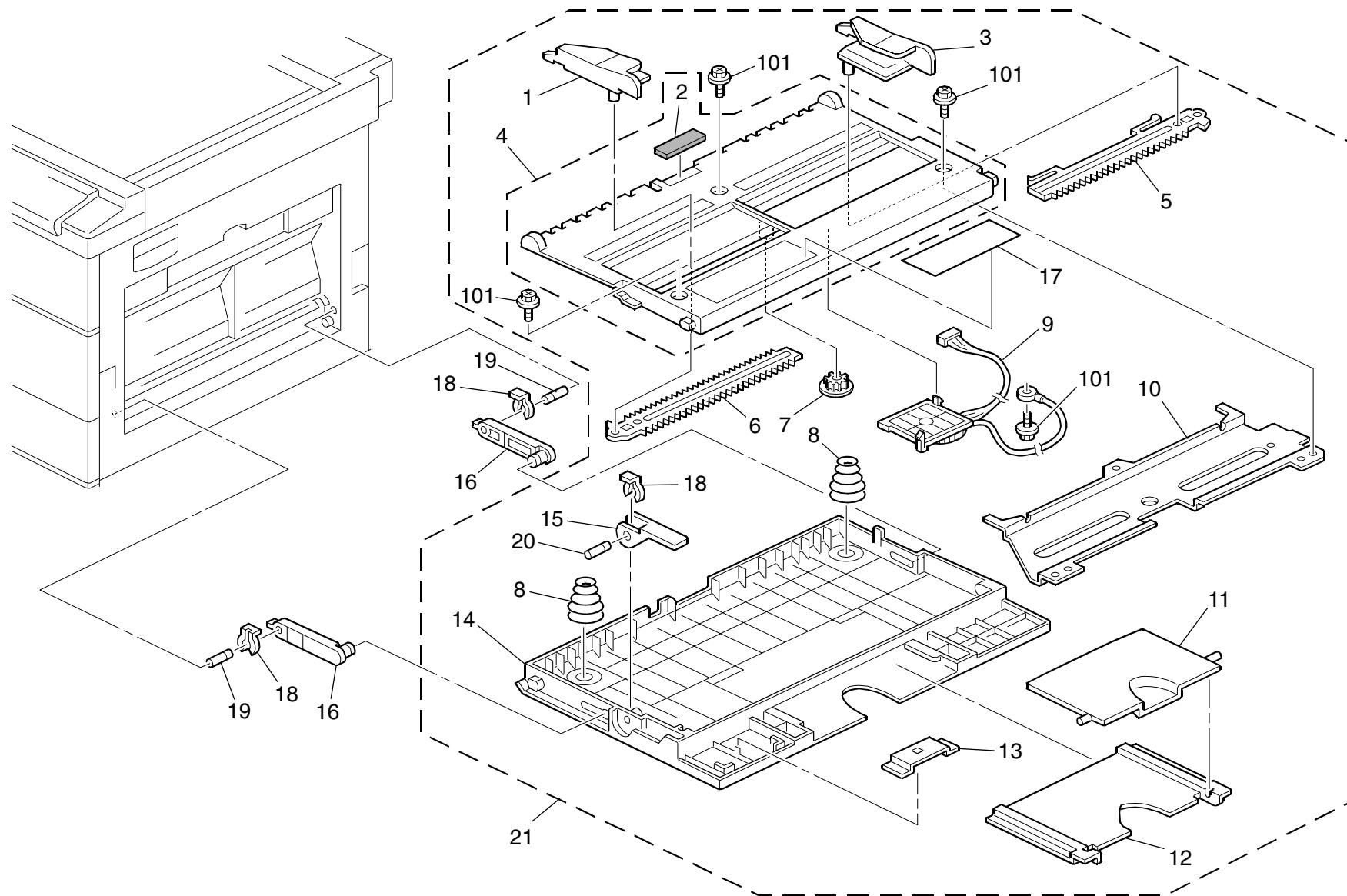


6.Laser Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 1251	Cover:Shield Glass	1
2	B039 1905	Adjusting Plate	1
3	B282 2380	Discharge Lamp:QI	1
4	B121 5204	Harness - Discharge Lamp	1
5	B039 1088	Sheet - Duct	1
6	B283 1961	Shield Glass:Ass'y	1
7	B283 1981	Decal:LD	1
8	AC03 0139	Sync Detector Mirror	1
9	AC02 4009	Cylindrical Lens	1
10	B039 1942	Cylindrical Lens Holder	1
11	B039 1954	Holder - Sync Detector Mirror	1
12	B283 1971	Optical Housing Cover	1
13	B121 5439	Harness - Polygon Mirror Motor	1
14	B121 5250	Harness - LDD	1
15	B276 1917	Laser Diode Unit:Ass'y	1
16	AX06 0323	Polygon Motor - 23622rpm	1
17	AC03 0138	2nd Mirror	1
18	B039 1953	2nd Mirror Holder	2
19	AC02 0095	Sync Detector Lenz	1
20	B121 1975	Rubber Bushing	2
21	B283 1876	Imaging Unit:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3010N	Binding Self-Tapping Screw:3x10	
102	0450 3012N	Tapping Screw:3x12	
103	0450 3020N	Tapping Screw:M3x20	
104	0452 3014N	Binding Self-Tapping Screw:M3x14	

7.By-pass Feed Section (B282/B283)

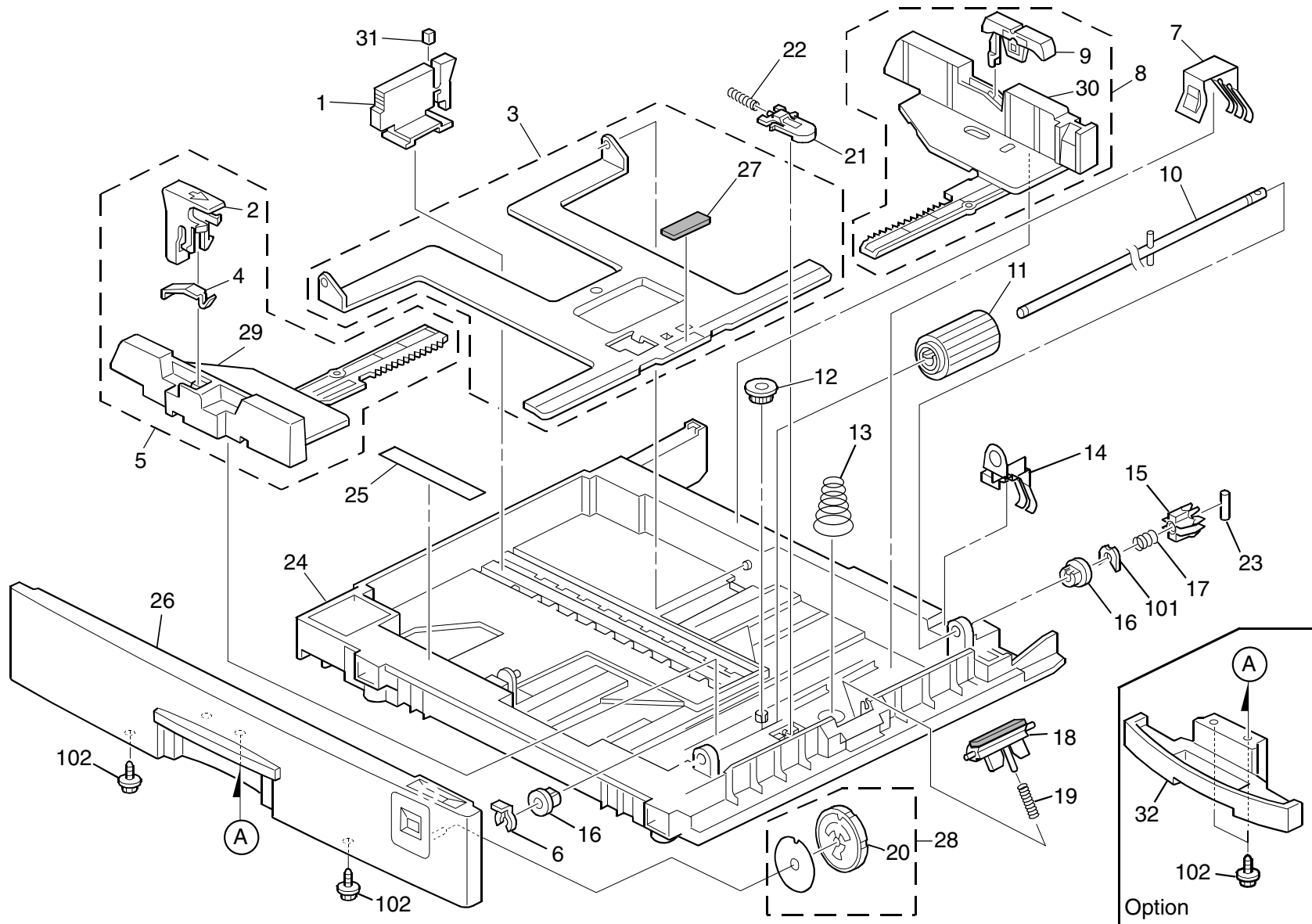


7.By-pass Feed Section (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 2631	Front Side Fence	1
2	B039 2628	Bottom Plate Pad	1
3	B039 2632	Rear Side Fence	1
4	B039 2630	Tray Bottom Plate	1
5	B039 2638	Rack - Rear Side Fence	1
6	B039 2637	Rack - Front Side Fence	1
7	G012 3050	Side Fence Gear	1
8	AA06 3643	Spring - By-pass Feed Table	2
9	AW50 0034	Paper Size Sensor	1
10	B039 2629	Stay - Tray Bottom Plate	1
11	B039 2620	Paper Guide - Extension	1
12	B039 2621	Paper Guide	1
13	B121 2617	Magnet Catch - By-pass Feed	1
14	B039 2619	By-pass Feed Table	1
15	G020 2784	Lever - By-pass Feed Table	1
16	B039 2643	Link - By-pass Feed Table	2
17	B039 2633	Decal - By-pass Feed	1
18	5447 2681	Snap Ring	3
19	B259 2642	Pin - Mm6	2
20	B259 2786	Lever Shaft	1
21	B259 2602	Manual Feed Table Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	

8. Paper Cassette (B282/B283)



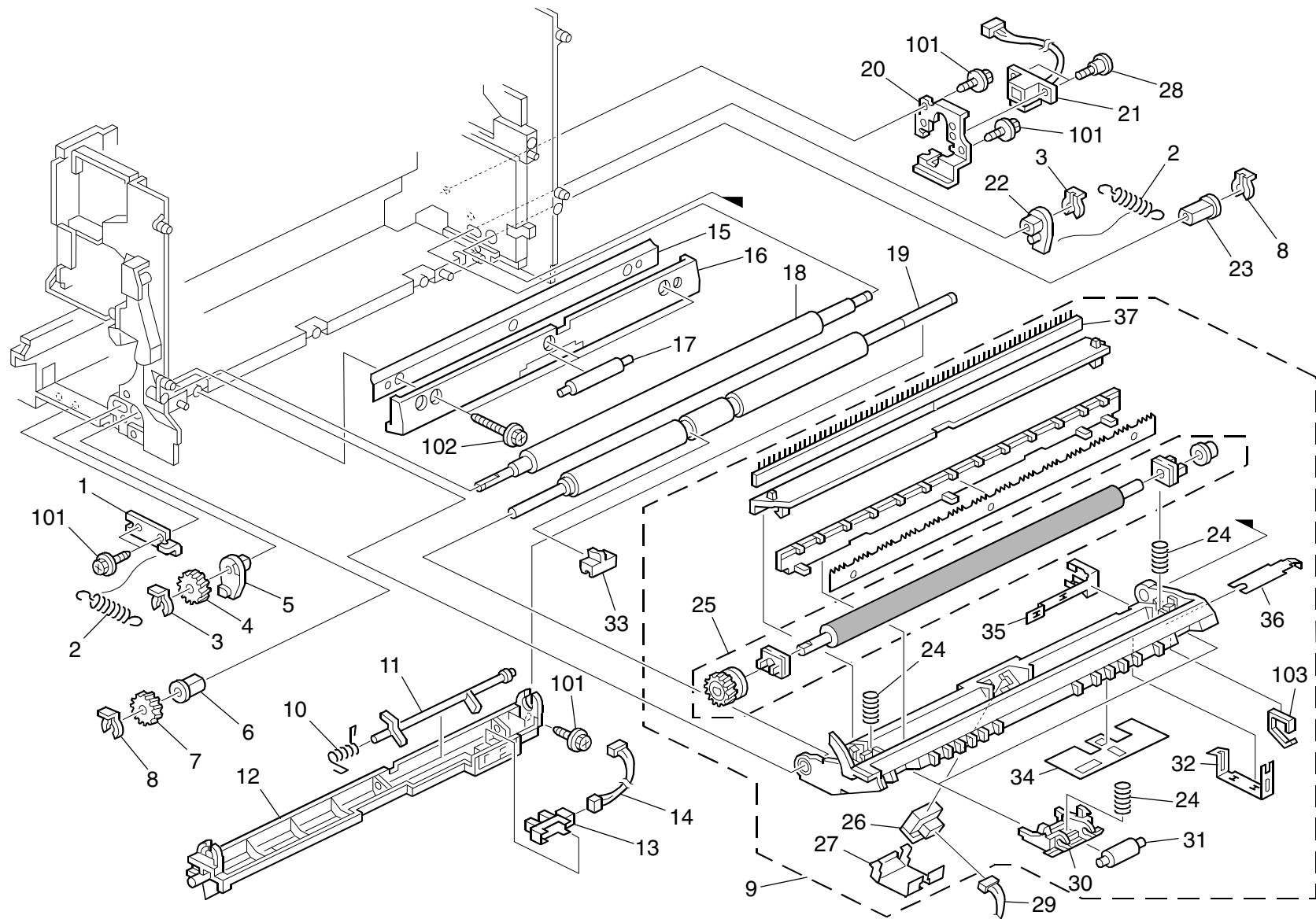


8.Paper Cassette (B282/B283)

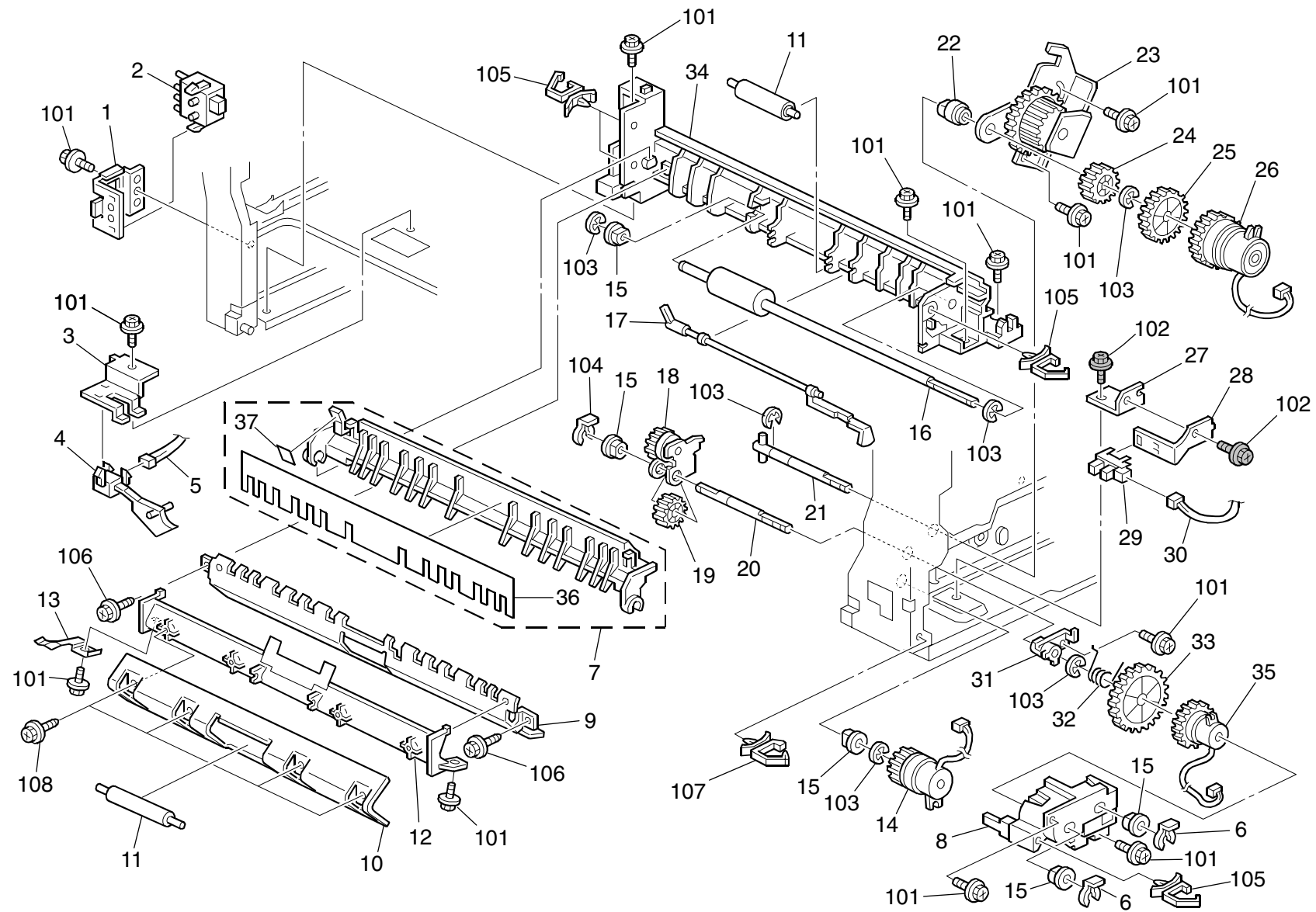
Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 2644	End Fence	1
2	B039 2704	Front Stopper Lever	1
3	B039 2701	Tray Bottom Plate	1
4	B039 2707	Spring Plate - Side Fence	1
5	B039 2734	Side Fence - Front	1
6	5215 2621	Snap Ring - M6	1
7	B039 2712	Ground Plate - Tray Bottom Plate	1
8	B039 2731	Side Fence - Rear	1
9	B039 2821	Rear Stopper Lever	1
10	B259 2737	Paper Feed Roller Shaft Ass'y	1
11	B039 2740	Paper Feed Roller	1
12	A267 2869	Gear - 16Z	1
13	B276 2719	Spring:Base:5.8N	1
14	B039 2742	Ground Plate - Paper Feed Roller	1
15	B039 2823	Joint - Paper Feed Roller	1
16	B039 2727	Bushing - 8x12x10	2
17	B039 2732	Spring - Paper Feed Roller	1
18	B039 2711	Friction Pad	1
19	B039 2713	Spring - Friction Pad	1
20	B039 2827	Paper Size Sensor Board	1
21	A250 2808	Stopper Base	1
22	G020 2599	Spring - Release Lever	1
23	B039 2739	Shaft - Joint	1
24	B243 2701	Paper Tray	1
25	B039 2721	Decal - Cassette Operation	1
26	B243 2702	Cover - Paper Tray	1
27	5215 2713	Bottom Plate Pad	1
28	B039 2778	Paper Size Detector - A4	1
29	B039 2706	Front Side Fence	1
30	B039 2705	Rear Side Fence	1
31	B276 2646	Rubber Bushing	1
32	B272 2510	Grip:Option:Paper Tray	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 0088	Retaining Ring - M6	
102	0450 3008N	Tapping Screw - M3x8	

9. Paper Resistration (B282/B283)



10.1st Paper Feed Section (B282/B283)

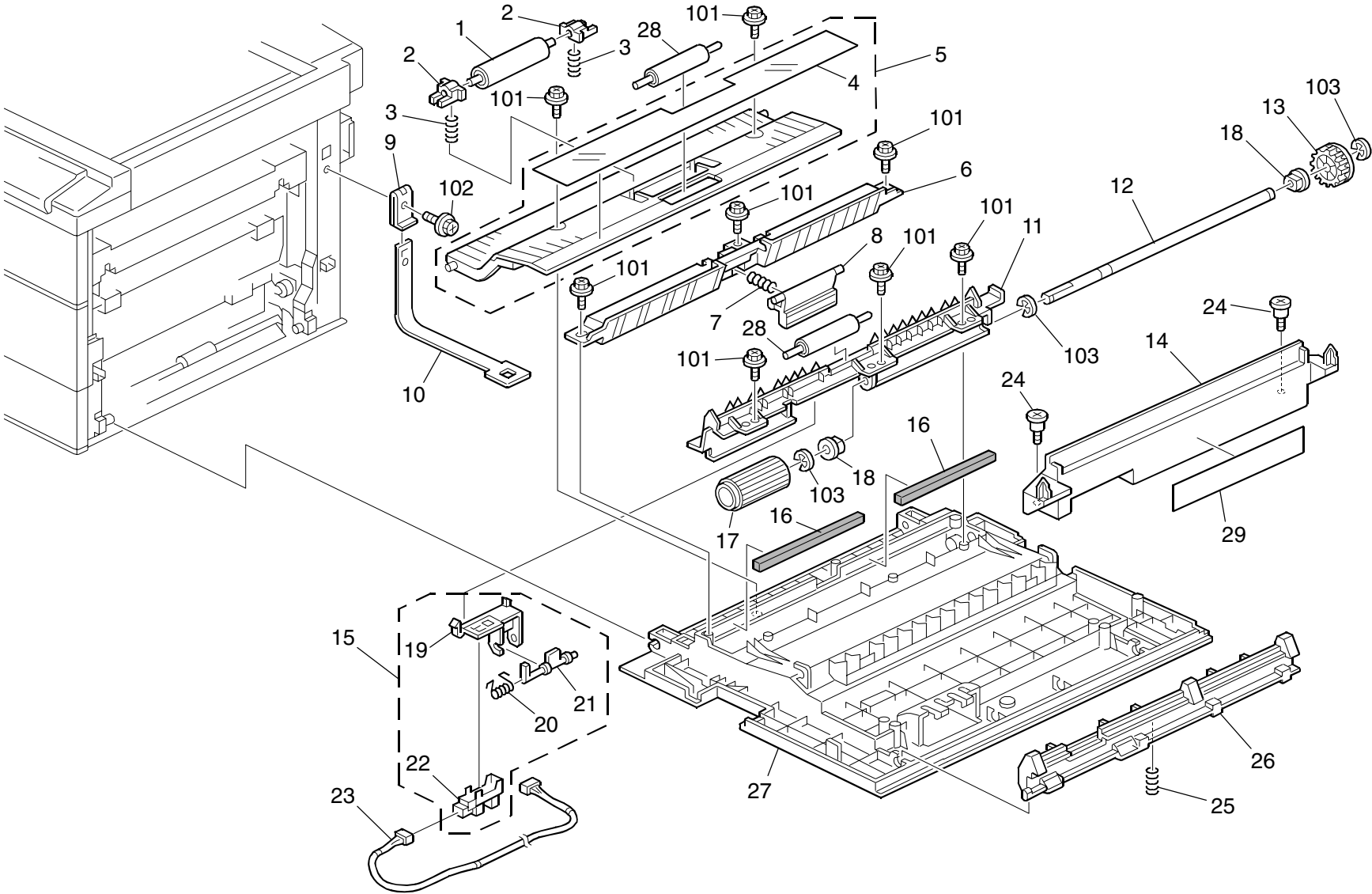


10.1st Paper Feed Section (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 2754	Bracket - Paper Size Sensor	1
2	G800 3035	Push Sw - Paper Size	1
3	B039 2736	Bracket - Paper End Sensor	1
4	B039 2730	Paper End Sensor	1
5	B121 5215	Harness - Paper End Sensor No.1	1
6	5447 2681	Snap Ring	2
7	B039 2585	Exit Guide Plate	1
8	B039 1142	Housing - Paper Feed	1
9	B039 2766	Guide Plate - Transport Roller	1
10	B039 2797	Guide Plate - Transport Roller	1
11	B039 2558	Driven Roller	2
12	B039 2795	Guide Plate - Transport	1
13	B039 2825	Ground Plate - Vertical Transport	1
14	B276 1151	Magnetic Clutch:0.5N m:Z31	1
15	AA08 2101	Bushing - 6x10x6	5
16	B276 2576	Transport Roller	1
17	B039 2583	Vertical Transport Feeler	1
18	B259 1194	Manual Feed Drivebracket	1
19	B039 1191	Gear - 19Z	1
20	B259 1190	Shaft - Drive Manual Feed	1
21	B276 1183	Shaft:Paper Feed:Drive:Ass'y	1
22	B121 1188	Bushing	1
23	B259 1178	Paper Feed Drive Bracket	1
24	B039 1187	Gear - 30Z	1
25	B039 1186	Gear - 46Z	1
26	B276 1150	Magnetic Clutch:Paper Feed:Drive:Ass'y	1
27	B039 2813	Lower Bracket - Relay Sensor	1
28	B039 2812	Upper Bracket - Relay Sensor	1
29	GW02 0020	Photointerruptor:LG248NL1	1
30	B282 5201	Harness:Registration Sensor:5V (B282)	1
31	B039 1193	Bushing - By-pass Feed	1
32	B039 1199	Spring - By-pass Feed	1
33	B276 1192	Gear:Idler:Connecting	1
34	B039 2830	Right Rail	1
35	B276 1152	Magnetic Clutch:Manual Feed:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	B039 2587	Mylar - Exit Guide Plate	1
37	B039 2834	Decal - Exit Paper Feed	1
101	0451 3006N	Tapping Screw - 3x6	
102	0454 3006Q	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0805 0097	Ring Separator	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	0450 3008N	Tapping Screw - M3x8	
107	1105 0487	Harness Clamp	
108	0450 3006N	Tapping Screw - M3x6	

11.Vertical Transport (B282/B283)

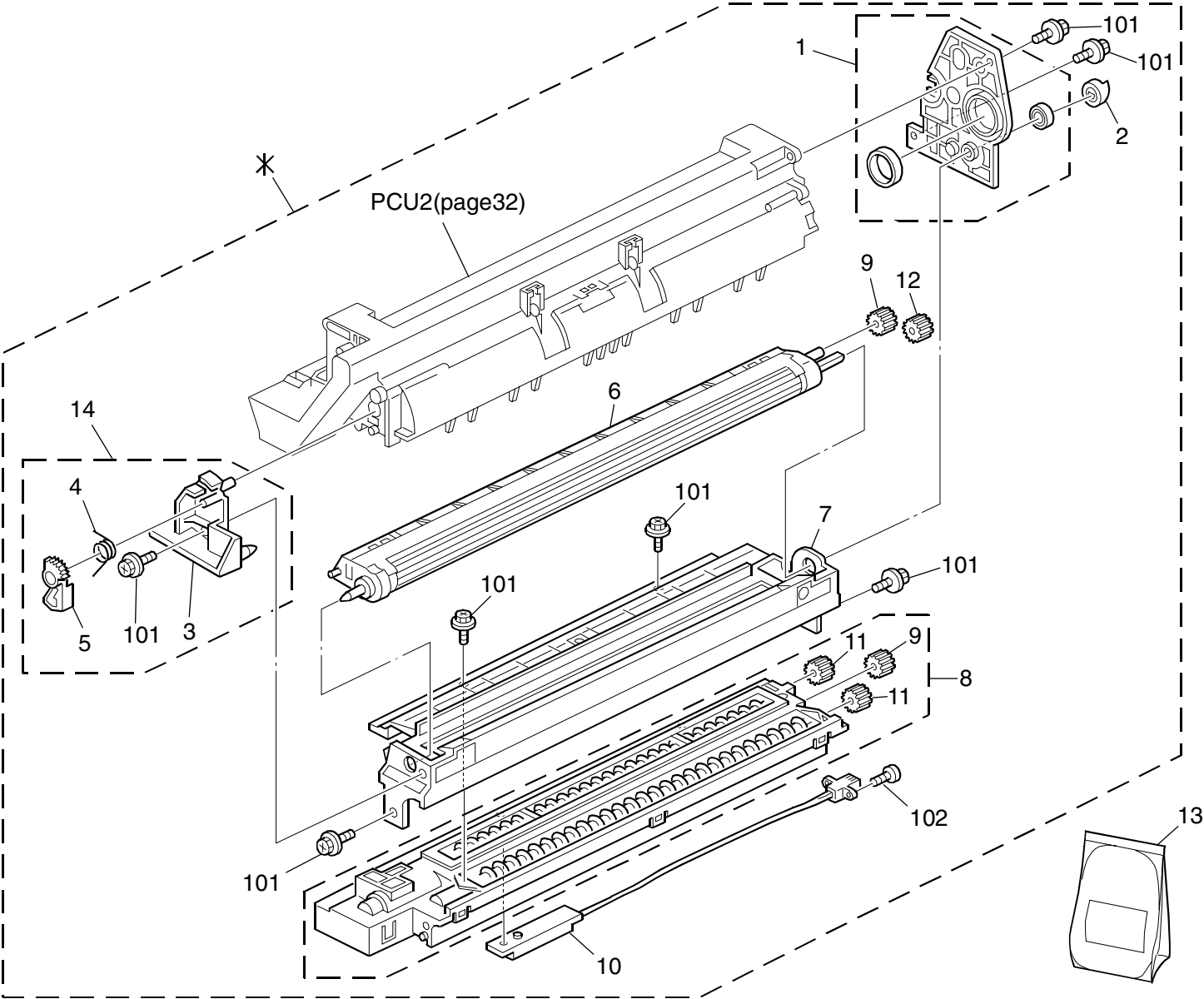


11.Vertical Transport (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF02 2138	Vertical Transport Roller	1
2	AA08 0268	Bushing - Vertical Transport	2
3	AA06 3399	Spring - Vertical Transport	2
4	B039 2655	Vertical Transport Guide (B283)	1
5	B039 2653	Vertical Transport Guide	1
6	B039 2592	Lower Guide Plate - By-pass Feed (B283)	1
7	AA06 3398	Spring - Friction Pad (B283)	1
8	B261 4650	Separation Pad (B282)	1
8	B039 2596	Friction Pad (B283)	1
9	A232 3962	Spring Plate - Band Stopper (B283)	1
10	B039 2660	Band - Right Door (B283)	1
11	B039 2594	Upper Guide Plate - By-pass Feed (B283)	1
12	B259 2594	Shaft - Feed (B283)	1
13	AB01 2313	Gear - 25Z (B283)	1
14	B121 4470	Right Lower Exit Guide Plate (B283)	1
15	B259 2609	Paper End Sensor:Manual Feed:Ass'y	1
16	B039 2658	Sponge - By-pass Feed (B283)	2
17	AF03 1060	By-pass Feed Roller	1
18	AA08 2101	Bushing - 6x10x6	2
19	B039 2610	Bracket - Paper End Sensor	1
20	AA06 6343	Spring - Paper End Sensor	1
21	B039 2611	Feeler - Paper End Sensor	1
22	GW02 0020	Photointerruptor:LG248NL1	1
23	B121 5259	Harness - Paper End Sensor (B283)	1
24	B039 4480	Stepped Screw - M5	2
25	A250 1388	Spring	1
26	B039 2651	Right Door Lever (B283)	1
27	B039 2670	Right Door (B283)	1
28	B039 2558	Driven Roller	2
29	B039 4488	Jam Removal Decal (B283)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0720 0040E	Retaining Ring - M4	

12.PCU 1 (B282/B283)

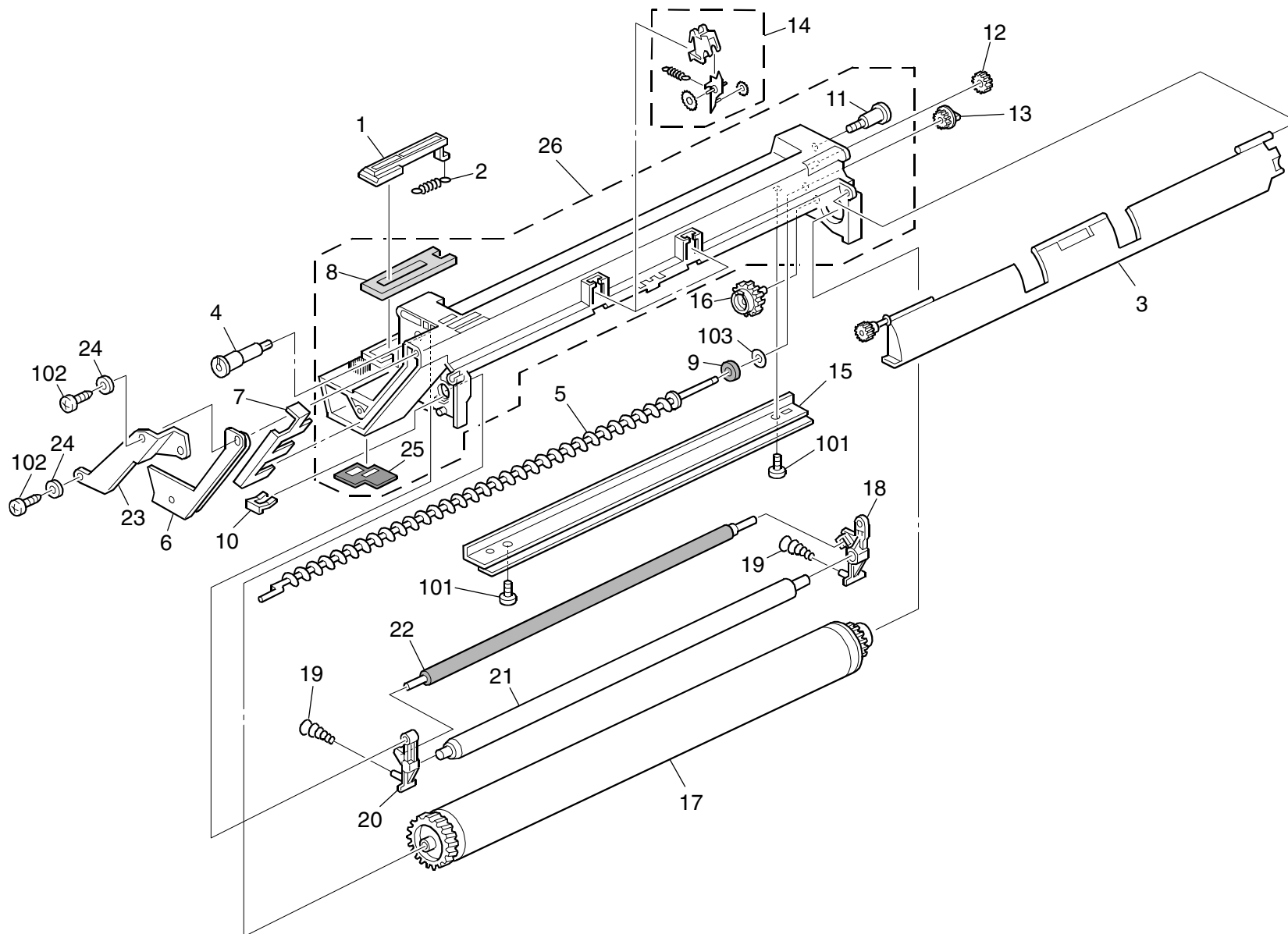


12.PCU 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B282 2210	PCU - Ass'y	1
1	B259 2370	Drum Stay:Rear:Ass'y	1
2	A267 3440	Development Joint	1
3	B039 2361	Front Side Plate - Drum	1
4	B039 2367	Drum Shutter Spring	1
5	B039 2362	Drum Shutter Gear	1
6	B282 3051	Development Roller:Ass'y	1
7	B039 3159	Case:Development Roller:Ass'y	1
8	B259 3170	Development Case Ass'y	1
9	B039 3062	Idler Gear - 16Z	2
10	B259 3390	Density Sensor:K-C2.5:Ass'y	1
11	B039 3245	Gear - 15Z	2
12	B039 3060	Development Roller Gear	1
13	B121 9640	Developer Type 28 Black	1
14	B039 2359	Drum Stay:Front:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0360 3006N	Screw - M3x6	
102	0452 3008N	Tapping Screw - M3x8	

13.PCU 2 (B282/B283)

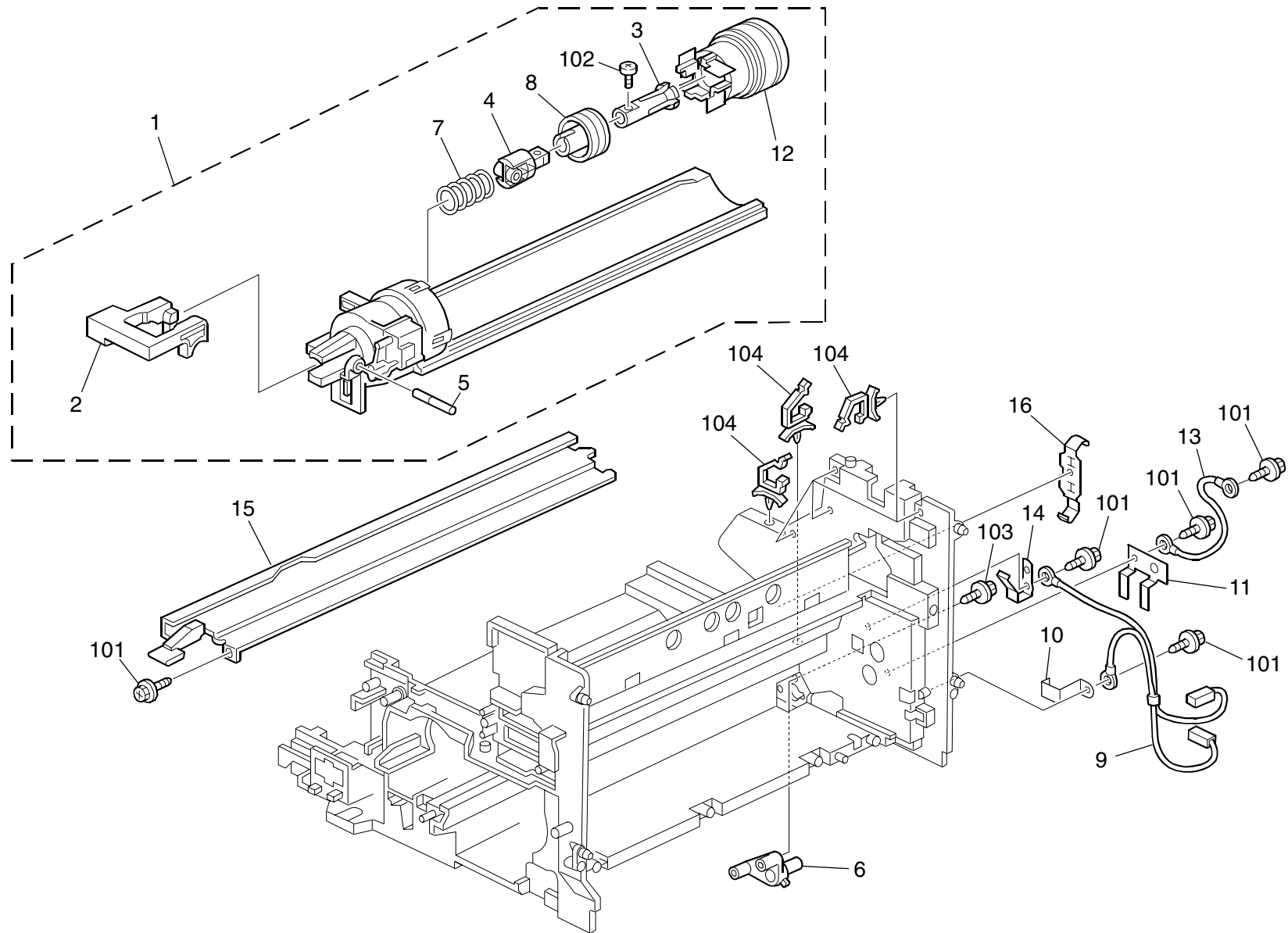


13.PCU 2 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B121 2311	PCU Toner Supply Shutter	1
2	B039 2312	Shutter Spring	1
3	B039 2343	Drum Shutter	1
4	B039 2293	Pin - Front Pressure Arm	1
5	B039 2272	Recycled Toner Coil	1
6	B039 2321	Front PCU Cover	1
7	B039 2274	Recycled Toner Plate	1
8	B121 2313	Toner Supply Seal	1
9	B039 2276	Rear Bushing - Toner Coil	1
10	B039 2350	Clip - OPC Drum	1
11	AA14 3444	Stepped Screw	1
12	AB01 1403	Gear - 13Z	1
13	AB01 1402	Gear - 14Z	1
14	B039 2335	Pickoff Pawl	2
15	AD04 2059	Cleaning Blade Ass'y	1
16	B039 2288	Cam - Cleaning Blade	1
17	B039 9510	OPC Drum	1
18	B039 2295	Rear Pressure Arm - Charge Roller	1
19	B039 2287	Charge Roller Spring	2
20	B039 2292	Front Pressure Arm - Charge Roller	1
21	AD02 7018	Roller:Charge:A3	1
22	AD04 2058	Charge Cleaner Brush Roller	1
23	B259 2325	OPC Drum Shutter Plate	1
24	B039 2329	Spacer - M3	2
25	B039 2265	Shield:Frame:Lower	1
26	B282 2252	Frame:PCU:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0353 0060N	Bind Screw - M3x6	
102	0452 3012N	Binding Self-Tapping Screw:M3x12	
103	0736 0610	Bushing 6x10	

14.Toner Supply Unit (B282/B283)

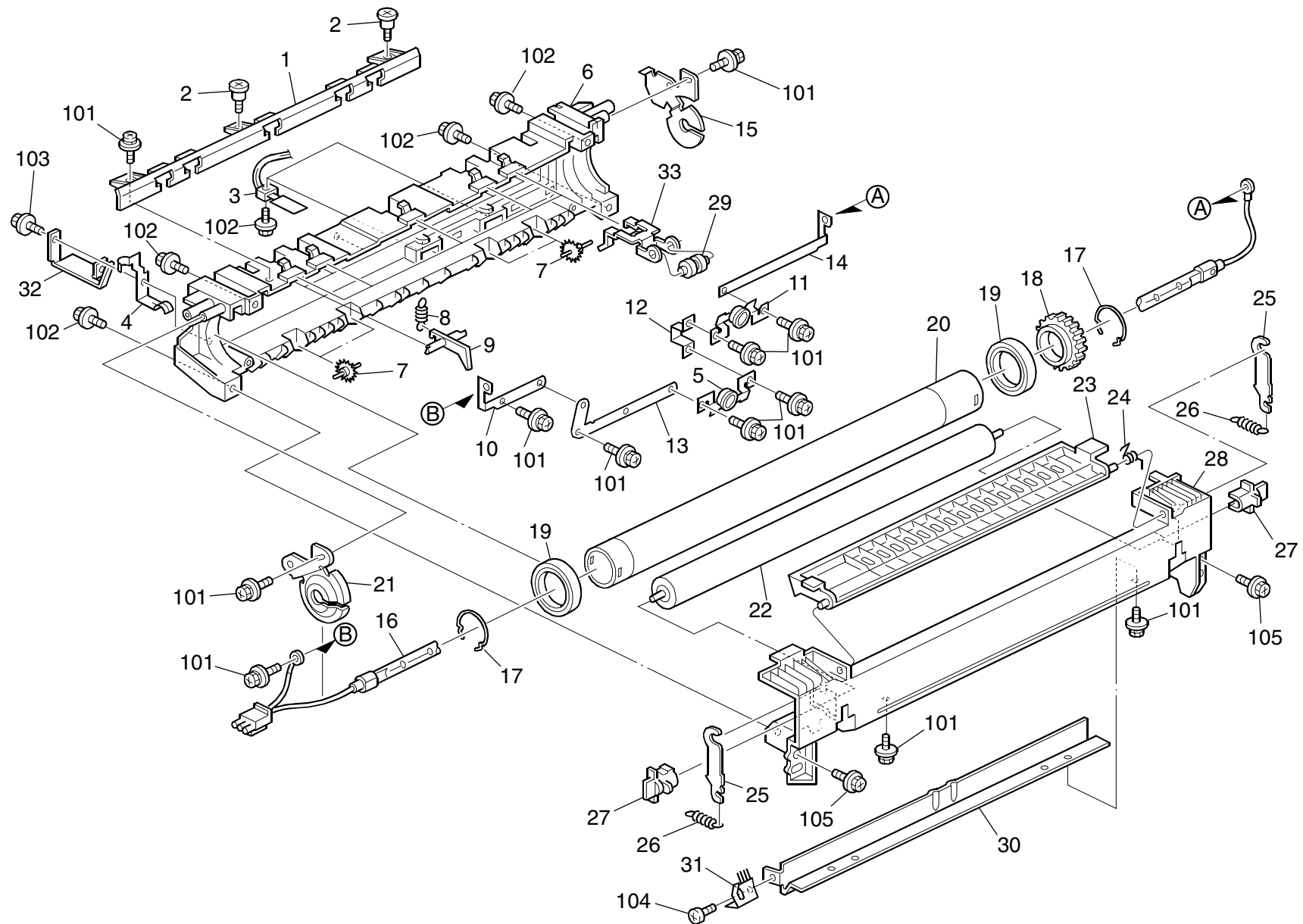


14.Toner Supply Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B259 3031	Toner Supply Unit	1
2	B039 3360	Cam - Handle	1
3	A184 3420	Bottle Chuck	1
4	A184 3421	Chuck Shaft	1
5	B259 3422	Shaft:Slide	1
6	B039 1141	Shaft - Paper Feed Frame	1
7	A267 3556	Chuck Spring - Tonner Bottle	1
8	G020 3334	Slider Ass'y	1
9	B243 5233	Harness - High Voltage Line C/T	1
10	B039 3870	Terminal - Transfer	1
11	B039 2578	Grounding Plate	1
12	B039 3381	Cover:Toner Bottle:Ass'y	1
13	B121 5219	Harness - Ground Wire	1
14	B039 2382	Quenching Lamp Terminal	1
15	B039 3392	Guide Plate - Tonner Supply Unit	1
16	B039 3395	Ground Plate - Toner Supply Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0452 3008N	Tapping Screw - M3x8	
103	0450 3010N	Tapping Screw - M3x10	
104	1105 0511	Harness Clamp - LWS-0306ZC	

15.Fusing Unit (B282/B283)

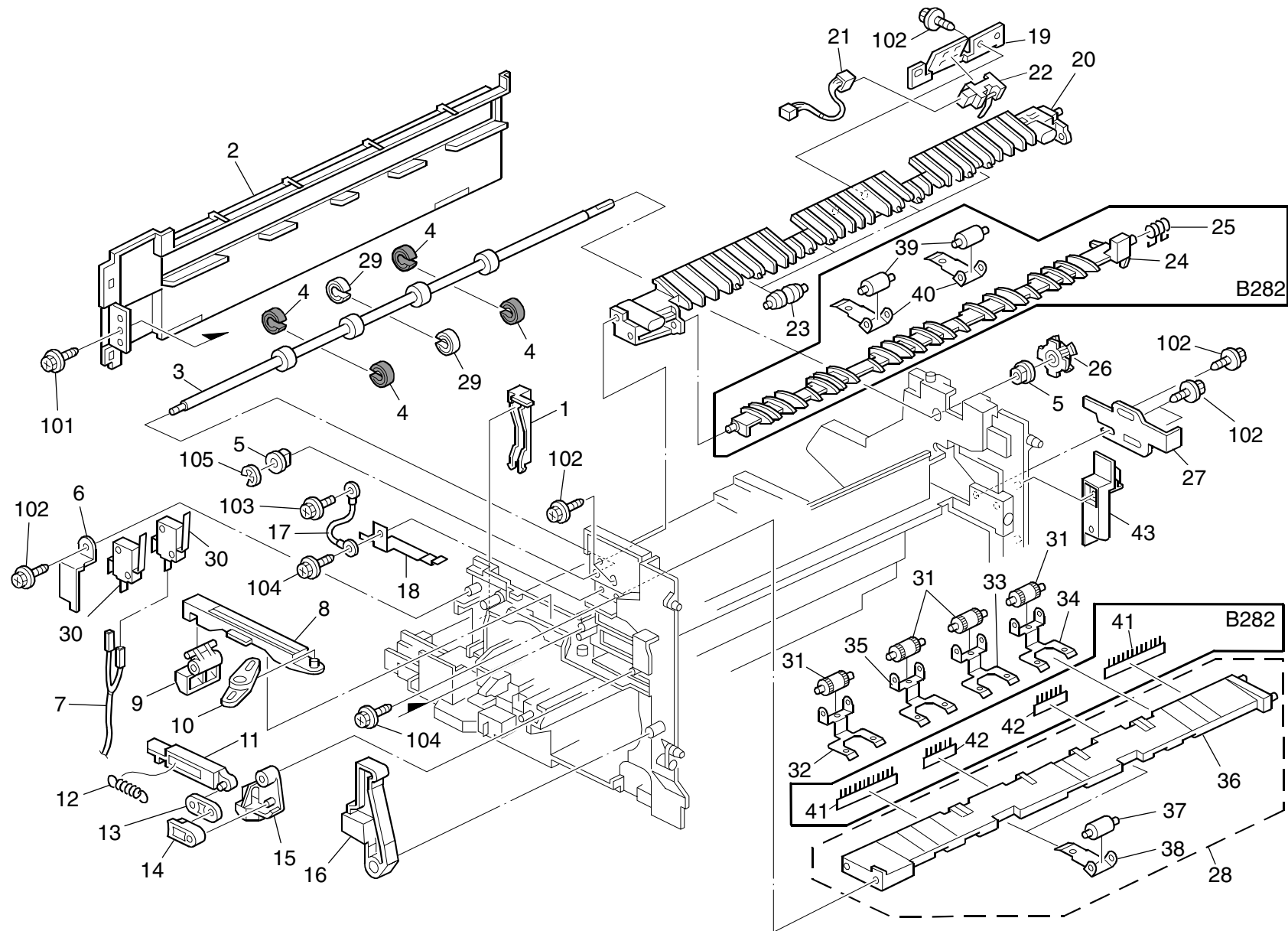


15.Fusing Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B245 4006	Fusing Unit - CHN	1
1	B039 4102	Fusing Exit Guide	1
2	AA14 3870	Stepped Screw	2
3	AW10 0073	Thermistor	1
4	B039 4118	Front Ground Plate	1
5	B039 4120	Thermostat	2
6	B121 4103	Frame:Fusing	1
7	A232 2374	Spur	4
8	AA06 6637	Stripper Pawl Spring	5
9	AE04 4062	Stripper Pawls	5
10	B245 4115	Electrode Plate:Front	1
11	B121 4120	Thermostat Ass'y	2
12	B121 4113	Short Electrode Plate	1
13	B245 4112	Electrode Plate:Middle	1
14	B245 4114	Electrode Plate:Rear	1
15	B039 4140	Rear Holder	1
16	B039 4112	Fusing Lamp - 230V 700W	1
17	G029 4140	External Circlip	2
18	B039 4171	Gear - 41Z	1
19	G052 4618	Bearing 30x42x7	2
20	B245 4052	Hot Roller	1
21	B039 4138	Front Holder	1
22	AE02 0100	Pressure Roller	1
23	B039 4107	Fusing Exit Door	1
24	AA06 6635	Spring - Fusing Exit Guide	1
25	B039 4135	Pressure Roller Lever	2
26	AA06 6640	Pressure Spring	2
27	G029 4174	Pressure Roller Bushing	2
28	B121 4085	Frame:Pressure:Printing	1
29	B039 4170	Stripper Pawls Roller	5
30	B259 4115	Fusing Entrance Guide Plate	1
31	B039 4117	Discharge Brush	1
32	B039 4114	Rear Ground Plate	1
33	B039 4168	Stripper Pawlsstopper	5

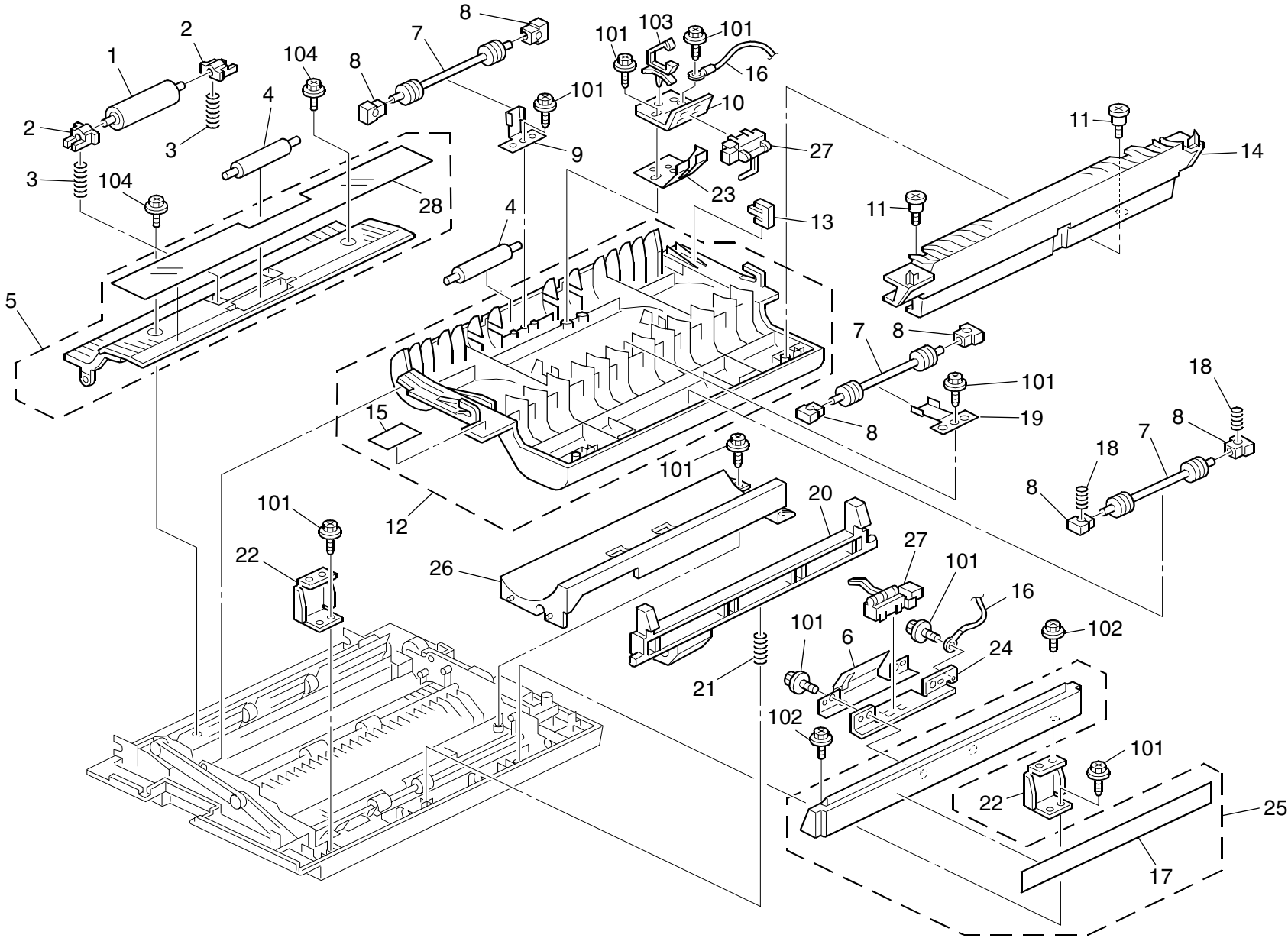
Index No.	Part No.	Description	Q'ty Per Assembly
101	0804 6123	Hexagonal Bolt:W/Washer:M3x8	
102	0954 3010N	Screw:Polished Round/Spring:M3x10	
103	0452 3008N	Tapping Screw - M3x8	
104	0313 0060N	Screw - M3x6	
105	0954 4008N	Screw - M4x8	

16. Paper Exit Section (B282/B283)





17. Duplex Unit 1 (B282)

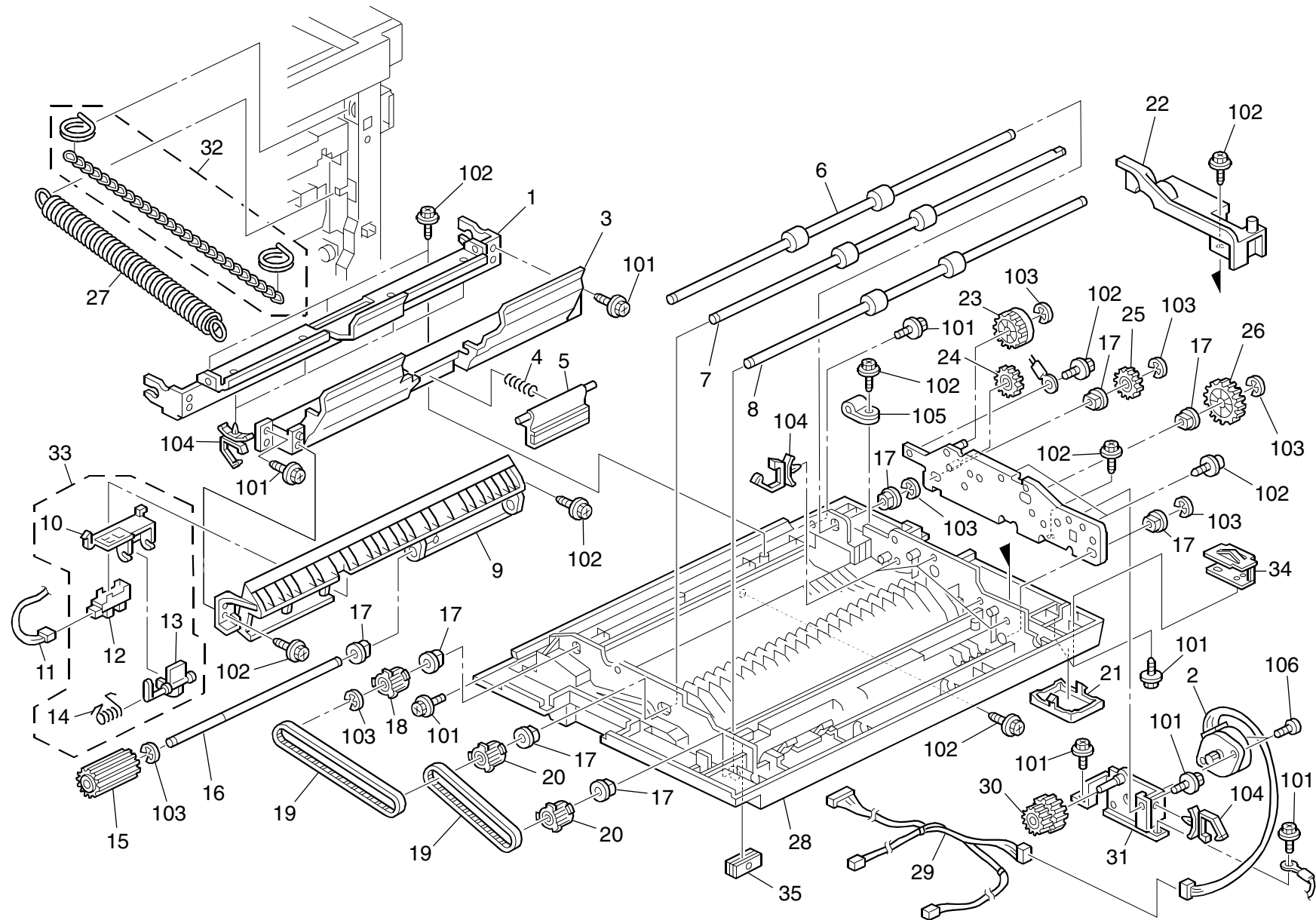


17.Duplex Unit 1 (B282)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AF02 2138	Vertical Transport Roller	1
2	AA08 0268	Bushing - Vertical Transport	2
3	AA06 3399	Spring - Vertical Transport	2
4	B039 2558	Driven Roller	2
5	B282 4662	Guide Plate-Vertical Transport	1
6	B043 4676	Bracket - Duplex Entrance Sensor	1
7	G060 2641	Transport Driven Roller - Middle	3
8	AA08 0313	Driven Roller Bushing	6
9	B043 4647	Lower Spring Plate - Driven Roller	1
10	B123 4675	Exit Duplex Sensor Bracket	1
11	B039 4480	Stepped Screw - M5	2
12	B123 4640	Driven Duplex Guide Plate Ass'y	1
13	B043 4642	Stopper - Guide Plate	1
14	B123 4670	Right Lower Exit Guide Plate Ass'y	1
15	B043 4692	Grip Decal	1
16	B123 5245	Harness:Duplex:Ground Wire	2
17	B123 4691	Decal	1
18	B043 4645	Spring - 2N	2
19	B043 4646	Upper Spring Plate - Driven Roller	1
20	B043 4651	Door Lever	1
21	A250 1388	Spring	1
22	B043 4671	Bracket - Upper Guide Plate	2
23	B123 4679	Exit Sensor Cover	1
24	B043 4674	Cover - Duplex Entrance Sensor	1
25	B123 4977	Right Upper Exit Guide Plate Ass'y	1
26	B123 4617	Entrance Duplex Guide Plate	1
27	AW02 0181	Paper Feed Sensor	2
28	B282 2655	Guide:Vertical Transport	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0451 3006N	Tapping Screw - 3x6	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	0453 3006N	Tapping Screw - M3x6	

18.Duplex Unit 2 (B282)

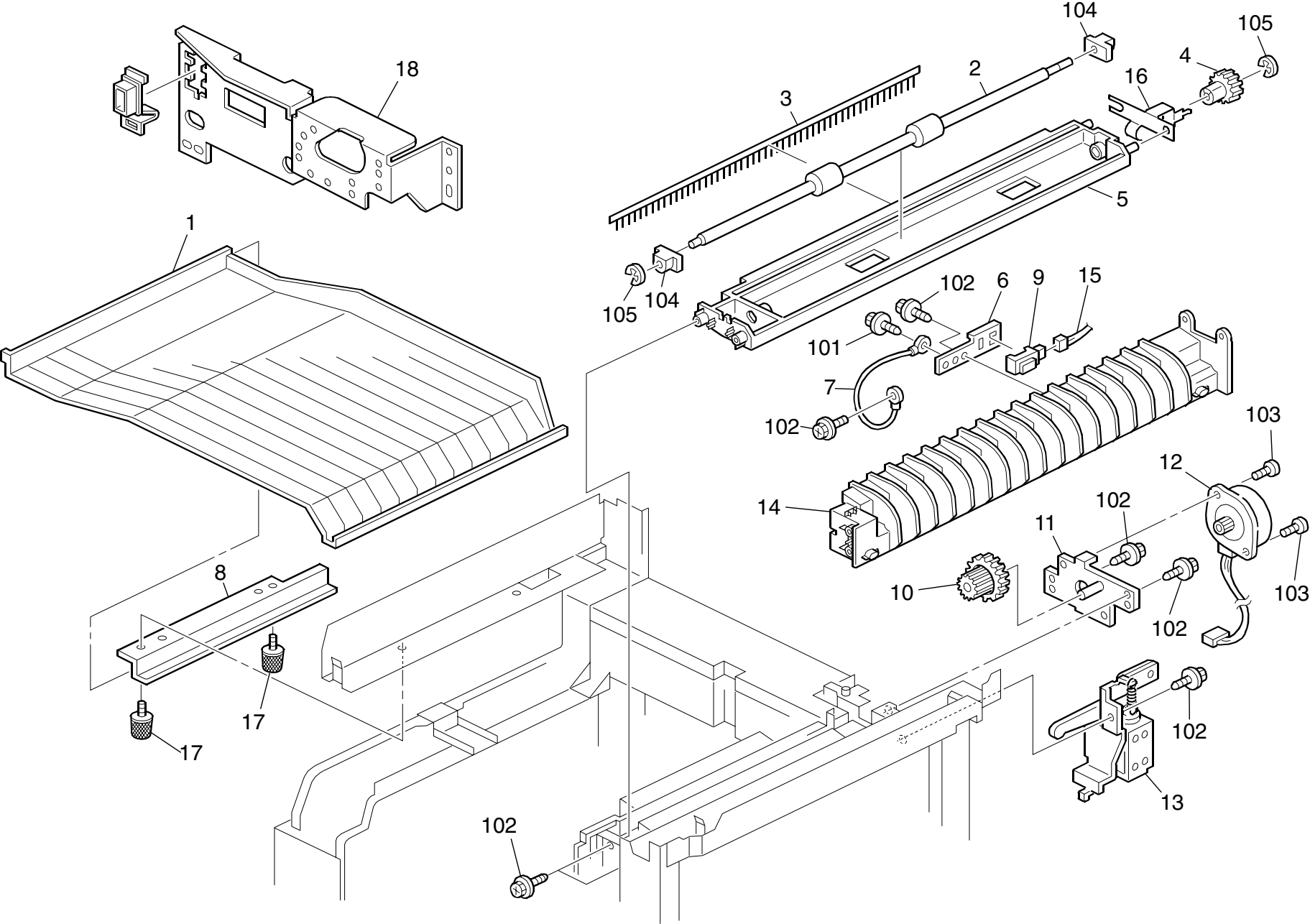


18.Duplex Unit 2 (B282)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B043 4609	Duplex Lower Stay	1
2	B282 4710	Stepper Motor:Ass'y	1
3	B043 4667	By-pass Feed Guide - Lower	1
4	B043 4685	Spring - 2.8N	1
5	B261 4650	Separation Pad	1
6	B261 4624	Transport Roller:Drive:Duplex:Exit	1
7	B261 4623	Transport Roller - Connecting	1
8	B261 4625	Transport Roller:Drive:Duplex:Entrance	1
9	B043 4684	By-pass Feed Guide - Upper	1
10	B039 2610	Bracket - Paper End Sensor	1
11	B123 5252	Harness - Duplex Paper End Sensor	1
12	GW02 0020	Photointerruptor:LG248NL1	1
13	B039 2611	Feeler - Paper End Sensor	1
14	AA06 6343	Spring - Paper End Sensor	1
15	AF03 1060	By-pass Feed Roller	1
16	B261 4686	Manual Feed Drive Shaft	1
17	AA08 2101	Bushing - 6x10x6	8
18	B043 4624	Pulley - 30Z	1
19	B123 4505	Timing Belt - 40S2M290	2
20	AB03 0569	Pulley - 30T	2
21	B043 4698	Cap - 30x36	1
22	B123 4661	Rear Duplex Inner Cover	1
23	B043 4714	Gear - 25Z	1
24	B043 4633	Gear - 22Z	1
25	B043 4713	Gear - 25Z	1
26	B043 4631	Gear - 38Z	1
27	B123 4697	Tension Spring 27N	1
28	B123 4627	Adhesion Duplex Cover	1
29	B123 5241	Harness - Duplex Unit	1
30	B043 4632	Coupled Gear 25/59Z	1
31	B261 4705	Stepper Motor Bracket	1
32	B282 4693	Stopper:Duplex Unit:Ass'y	1
33	B259 2609	Paper End Sensor:Manual Feed:Ass'y	1
34	B043 4694	Chain Bracket	1
35	AG07 0514	Magnet Catch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	0720 0040E	Retaining Ring - M4	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0009	Nylon Clamp - 5N	
106	0433 0060N	Pan Self-Tapping Screw:3x6	

19.Duplex Unit 3 (B282)

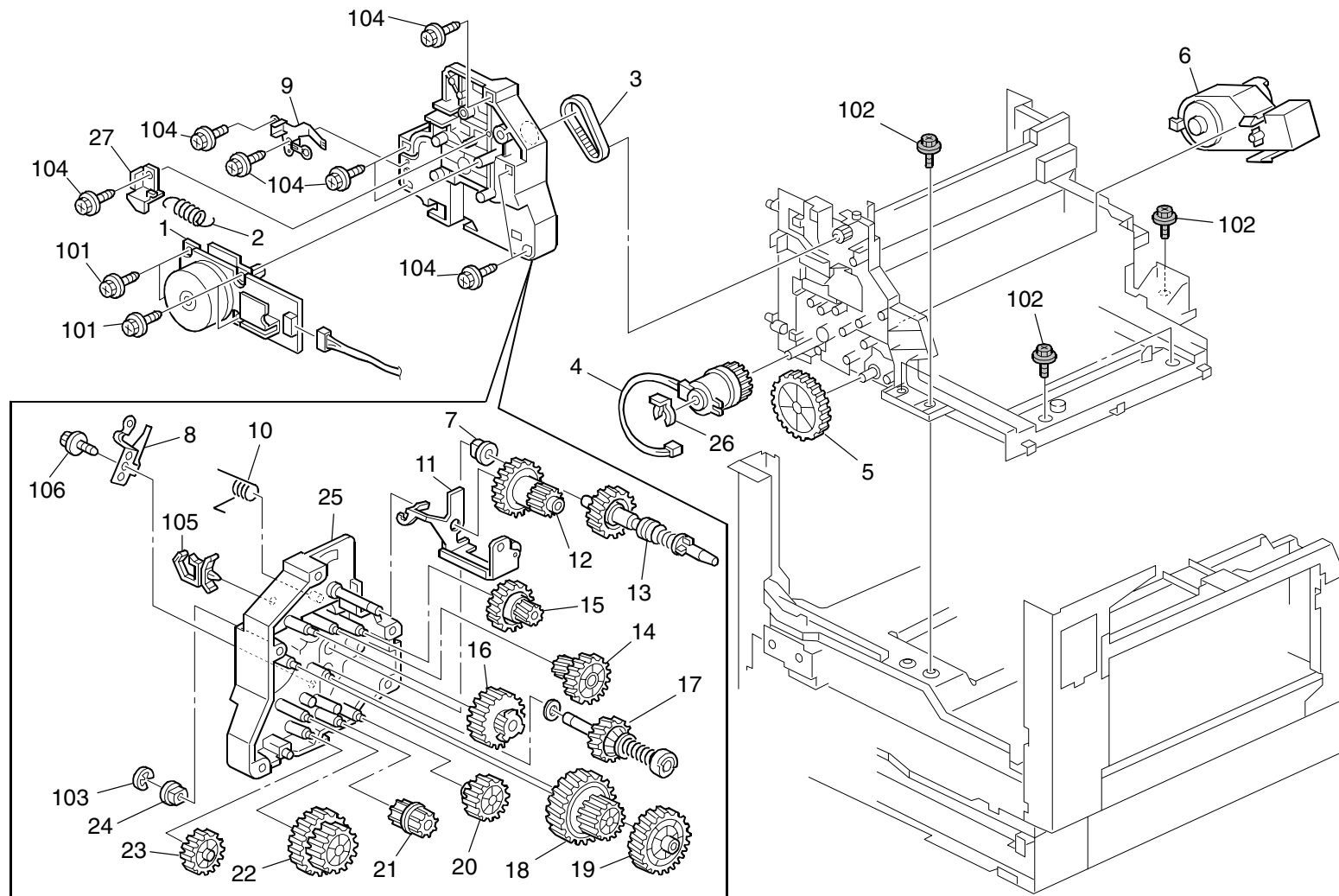


19.Duplex Unit 3 (B282)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B043 4993	Reverser Shelf	1
2	B261 4989	Reverse Roller	1
3	B121 4490	Antistatic Brush	1
4	B043 4975	Gear - 18Z	1
5	B269 4981	Guide Plate:Reverse:Left Upper	1
6	B123 4973	Reverse Paper Feed Sensor Bracket	1
7	B123 5245	Harness:Duplex:Ground Wire	1
8	B043 4998	Rail - Reverser Shelf	1
9	GW01 0007	Photo Refiection Sensor:Exit	1
10	B043 4991	Coupled Gear - 15/51z	1
11	B261 4994	Stepper Motor Bracket	1
12	B282 4710	Stepper Motor:Ass'y	1
13	B277 4984	DC Solenoid:Ass'y	1
14	B123 4502	Middle Reverse Guide Plate	1
15	B123 5253	Harness - Duplex Sensor	1
16	B123 4506	Reverse Roller Ground Plate	1
17	G104 5141	Knob Screw:M3	2
18	B122 1083	Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	0313 0060N	Screw - M3x6	
104	0805 3383	Bushing - M5	
105	0720 0040E	Retaining Ring - M4	
106	0451 3006N	Tapping Screw - 3x6	

20. Drive Section (B282/B283)

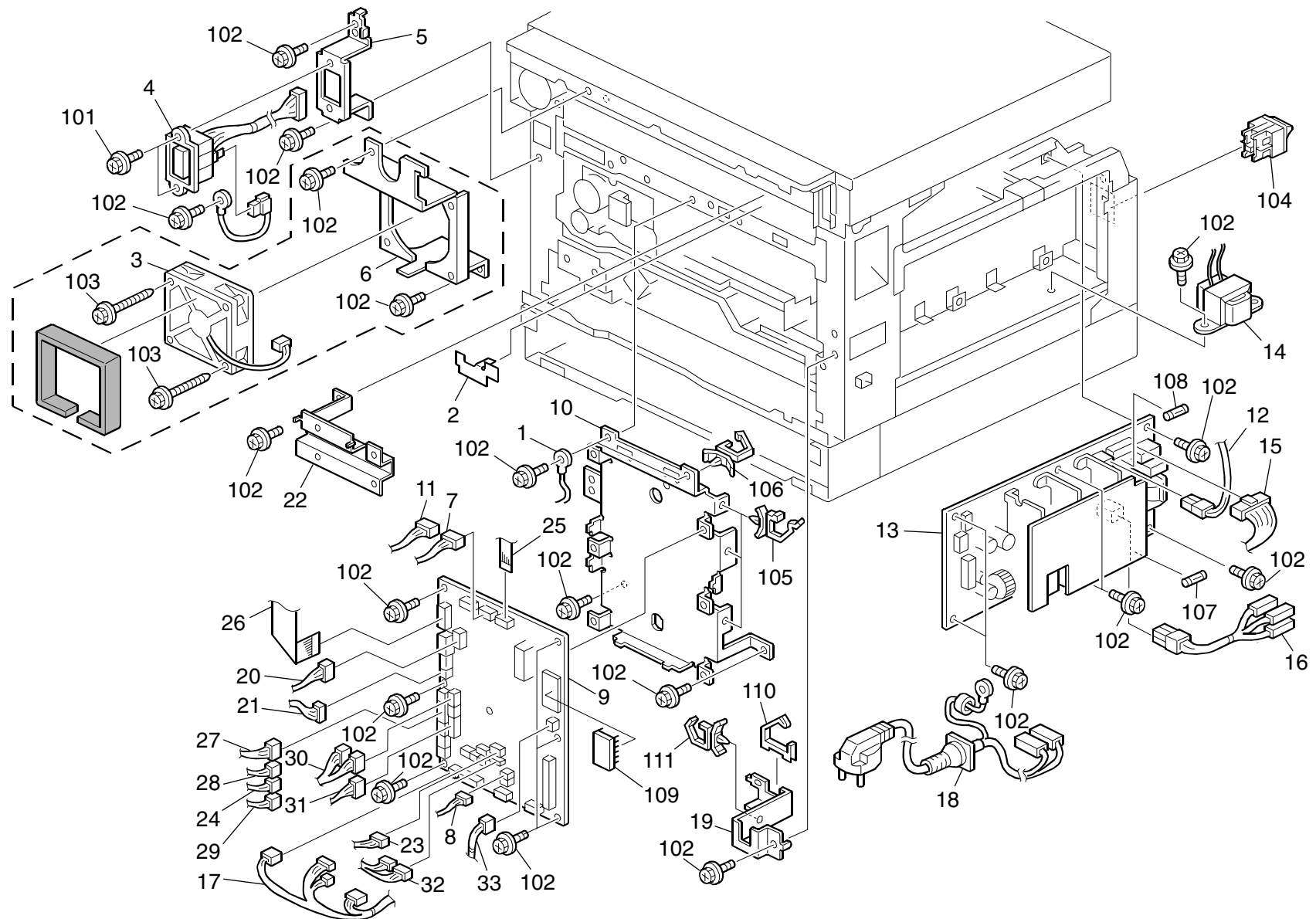


20. Drive Section (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 1055	Brushless Motor:24V	1
2	B121 1162	Small Spring	1
3	B039 1162	Timing Belt - 226XL	1
4	B276 1149	Magnetic Clutch:0.5N m:Z39	1
5	B039 1170	Gear - 63Z	1
6	B259 3310	DC Motor 24V	1
7	B039 1144	Bushing - 8x16x9	1
8	B039 1135	Development Terminal	1
9	B121 1128	OPC Drum Ground Plate 2 Ass'y	1
10	B121 1161	Large Spring	1
11	B259 1157	Fusing Swivel Bracket	1
12	B039 1156	Coupled Gear - 20/49Z (12)	1
13	B039 1148	Drum Shaft (02)	1
14	B039 1145	Coupled Gear - 34/63Z (01)	1
15	B039 1146	Coupled Gear - 32/71Z (04)	1
16	B039 1155	Gear/pulley - 61/34Z (11)	1
17	B259 1174	Development Drive Shaft (03)	1
18	B039 1154	Coupled Gear - 37/97Z (05)	1
19	B039 1173	Gear - 78Z (06)	1
20	B039 1168	Gear - 32Z (10)	1
21	B039 1167	Gear - 22Z (09)	1
22	B039 1165	Coupled Gear - 49/59/38Z (08)	1
23	B039 1166	Gear - 37Z (07)	1
24	5304 1639	Bushing - 8mm	1
25	B121 1140	Main Drive Housing	1
26	AA10 0015	Snap Ring - M6	1
27	B121 1145	Harness Hook	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4010N	Tapping Screw:M4x10	
102	0454 3008Q	Tapping Screw:3x8	
103	0720 0060E	Retaining Ring - M6	
104	0450 3008N	Tapping Screw - M3x8	
105	1105 0488	Harness Clamp	
106	0451 3006N	Tapping Screw - 3x6	

21.Electrical Section 1 (B282/B283)



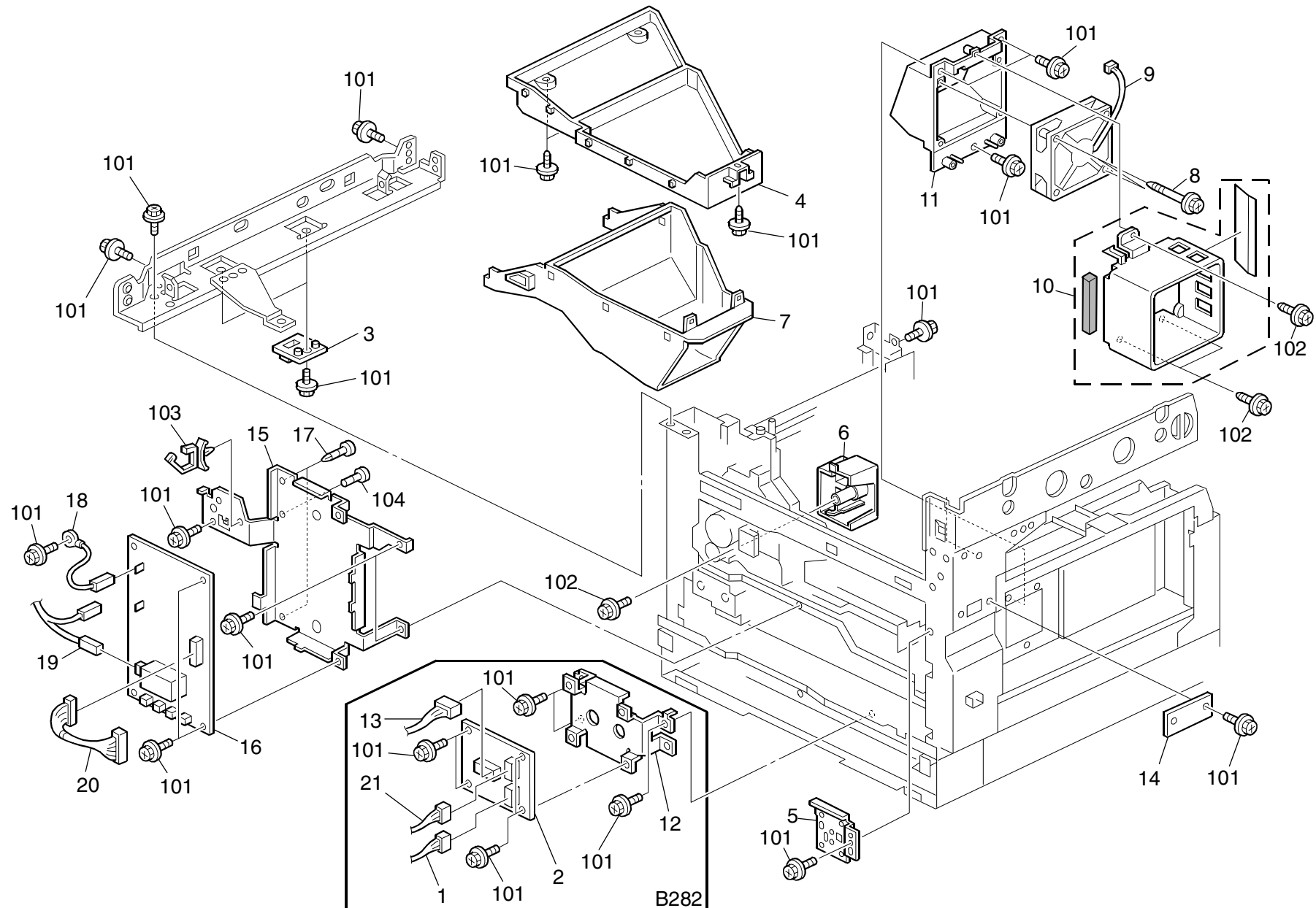
21.Electrical Section 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B121 5208	Harness - Ground Wire Scanner (B283)	1
1	B122 5208	Ground Wire	1
2	B121 5822	Guide Mylar (B282)	1
3	AX64 0169	Fan DC24V 1.92W	1
4	B121 5240	Harness - Document Feeder	1
5	B039 5831	ADF Plug Bracket	1
6	B123 1102	Rear Fan Bracket	1
7	B245 5223	Harness:Scanner	1
8	B121 5215	Harness - Paper End Sensor No.1	1
9	B282 5106	PCB:BICU:CHN	1
10	B121 5810	BICU Bracket	1
11	B121 5220	Harness - HPS	1
12	B245 5217	AC Harness - Fusing (B282)	1
13	AZ23 0229	Power Supply Unit:CHN	1
14	B243 5018	Choke Coil - B2435018	1
15	B282 5228	Harness:AC:Dehumidifier:EXP (B282)	1
15	B243 5228	Harness - AC Dehumidifier EXP (B283)	1
16	B243 5226	Harness - AC Switch 187	1
17	B243 5230	Harness - Power Supply Unit	1
18	B039 5744	Power Supply Cord - 230V	1
19	B121 5825	Power Supply Cord Bracket	1
20	B245 5200	Scanner Motor Harness	1
21	B243 5203	Harness - Main Motor	1
22	B122 5821	Box Holder	1
23	B121 5212	Harness - Manual Feed	1
24	B243 5261	Harness - Key Counter	1
25	B259 5223	Harness - Stabilizer	1
26	B243 1804	Harness - FFC	1
27	B243 5231	Harness - High Voltage	1
28	B121 5204	Harness - Discharge Lamp	1
29	B121 5206	Harness - Density Sensor	1
30	B282 5205	Harness:Door Switch:Front (B282)	1
31	B282 5246	Harness:Duplex (B282)	1
32	B282 5201	Harness:Registration Sensor:5V (B282)	1
33	B121 5250	Harness - LDD	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0451 3006N	Tapping Screw - 3x6	
103	0451 3030N	Tapping Screw:3x30	
104	1204 2608	Rocker Switch:Sddje33900	
105	1105 0487	Harness Clamp	
106	1105 0511	Harness Clamp - LWS-0306ZC	
107	1107 1063	Fuse:ET-2.5A	
107	1107 1083	Fuse:SST 4	
108	1107 1084	Fuse:CES14-8A-N1	
109	1407 5299	RAM:FM1608-120-P	
110	1105 0518	Edge Saddle - LES-1010	
111	1105 0488	Harness Clamp	

22.Electrical Section 2 (B282/B283)

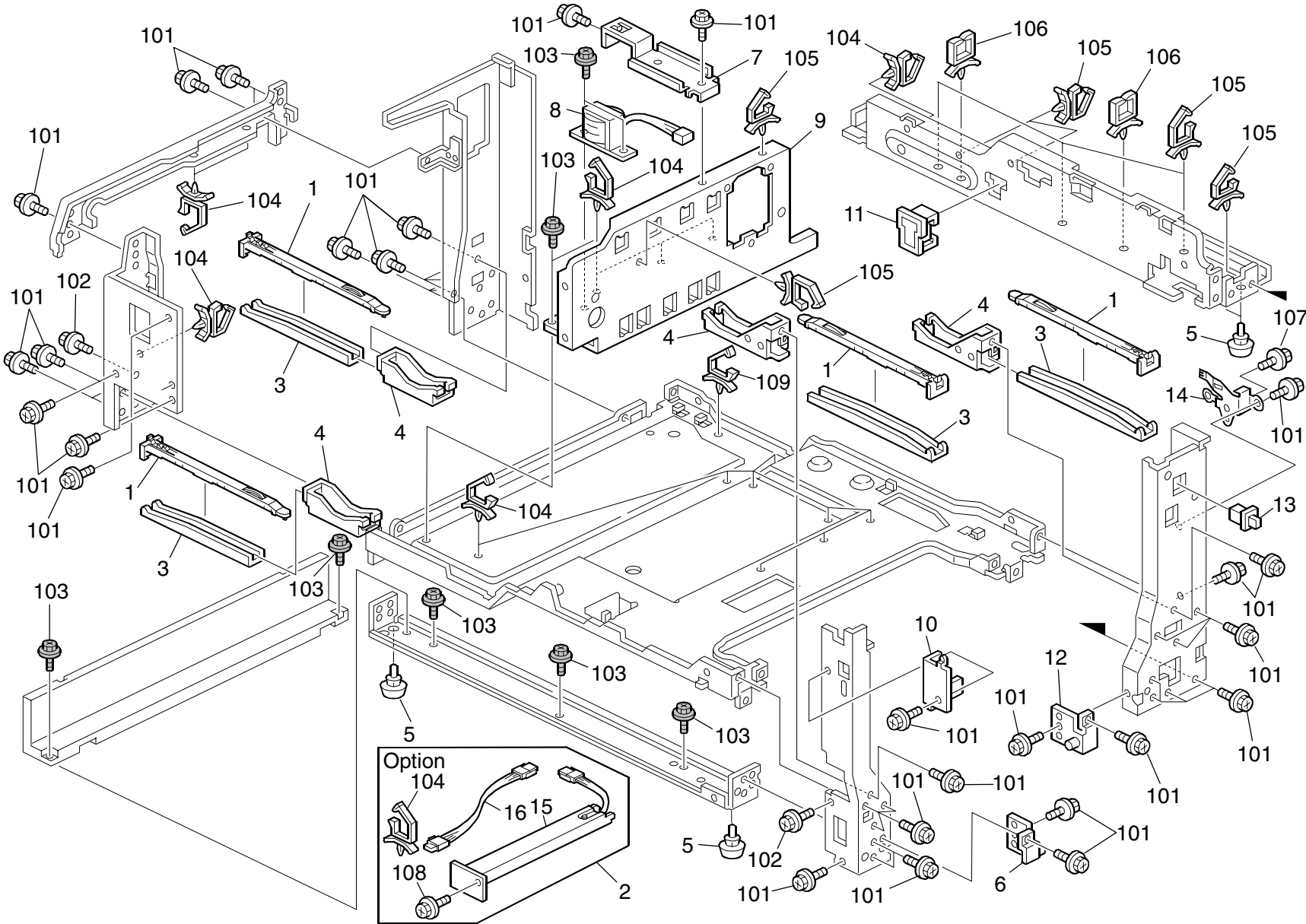


22.Electrical Section 2 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B282 5242	Harness:Duplex:Machine or Copier (B282)	1
2	B244 5155	PCB DCB (B282)	1
3	B039 1073	Right Door Stopper	2
4	B121 1110	Upper Main Duct	1
5	B122 1075	Front Reverse Sub-unit Holder	1
6	B121 1112	Frame Duct	1
7	B121 1108	Lower Main Duct Ass'y	1
8	B259 1119	Tapping Screw:M3x33	2
9	GX64 5734	Fan Motor:Mm80 DC24V 3.12W	1
10	B121 1107	Exhaust Duct	1
11	B121 1109	Left Duct Ass'y	1
12	B282 5851	Bracket:DCU (B282)	1
13	B282 5246	Harness:Duplex (B282)	1
14	B039 5887	Heater Switch Cover	1
15	B282 5841	Bracket:Power Pack:BCT	1
15	B121 5841	BCT Power Pack Bracket	1
16	AZ32 0152	Power Pack BCT	1
17	G020 5871	Spacer - KGLS-12RF	2
18	B243 5232	Harness - High Voltage Line B	1
19	B243 5233	Harness - High Voltage Line C/T	1
20	B243 5231	Harness - High Voltage	1
21	B282 5244	Harness:Duplex:Duplex Unit (B282)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	1105 0487	Harness Clamp	
104	1105 0499	Support Spacer - M3x29	

23.Frame Section 1 (B282/B283)

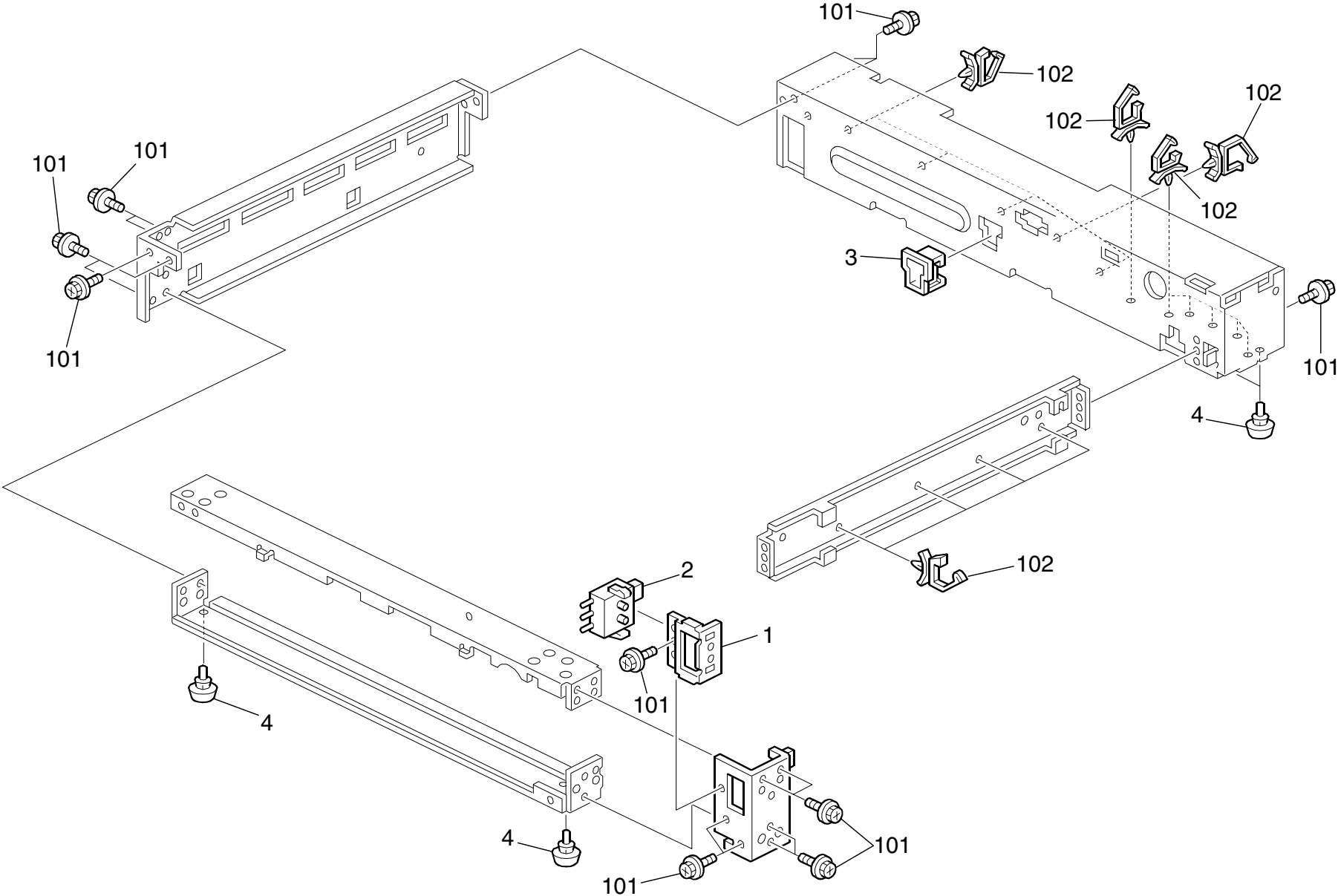


23.Frame Section 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 1073	Cover:Grip	4
2	B259 6058	Heater:Paper Feed:No.1:EU:Ass'y	1
3	B276 1072	Grip	4
4	B121 1070	Grip Bracket 2	4
5	AH01 0010	Rubber Foot:H5	4
6	B259 1053	Door Shaft - Right Front	1
7	B121 5802	Guide Plate Bracket	1
8	B243 5018	Choke Coil - B2435018	1
9	B121 5801	Power Supply Unit Bracket	1
10	B039 4185	Fusing Lamp Bracket	1
11	B180 2801	Holder:Paper Tray	1
12	B259 1058	Door Shaft - Right Rear	1
13	G020 5626	Push Switch	1
14	B121 1128	OPC Drum Ground Plate 2 Ass'y	1
15	B039 2783	Tray Heater	1
16	B243 5260	Harness - AC Dehumidifier	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 3008N	Tapping Screw - M3x8	
103	0454 3006Q	Tapping Screw - M3x6	
104	1105 0511	Harness Clamp - LWS-0306ZC	
105	1105 0487	Harness Clamp	
106	1105 0197	Wire Saddle	
107	0450 3008N	Tapping Screw - M3x8	
108	0950 3006N	Screw:Spring Washer:M3x6	
109	1105 0488	Harness Clamp	

24.Frame Section 2 (B282/B283)

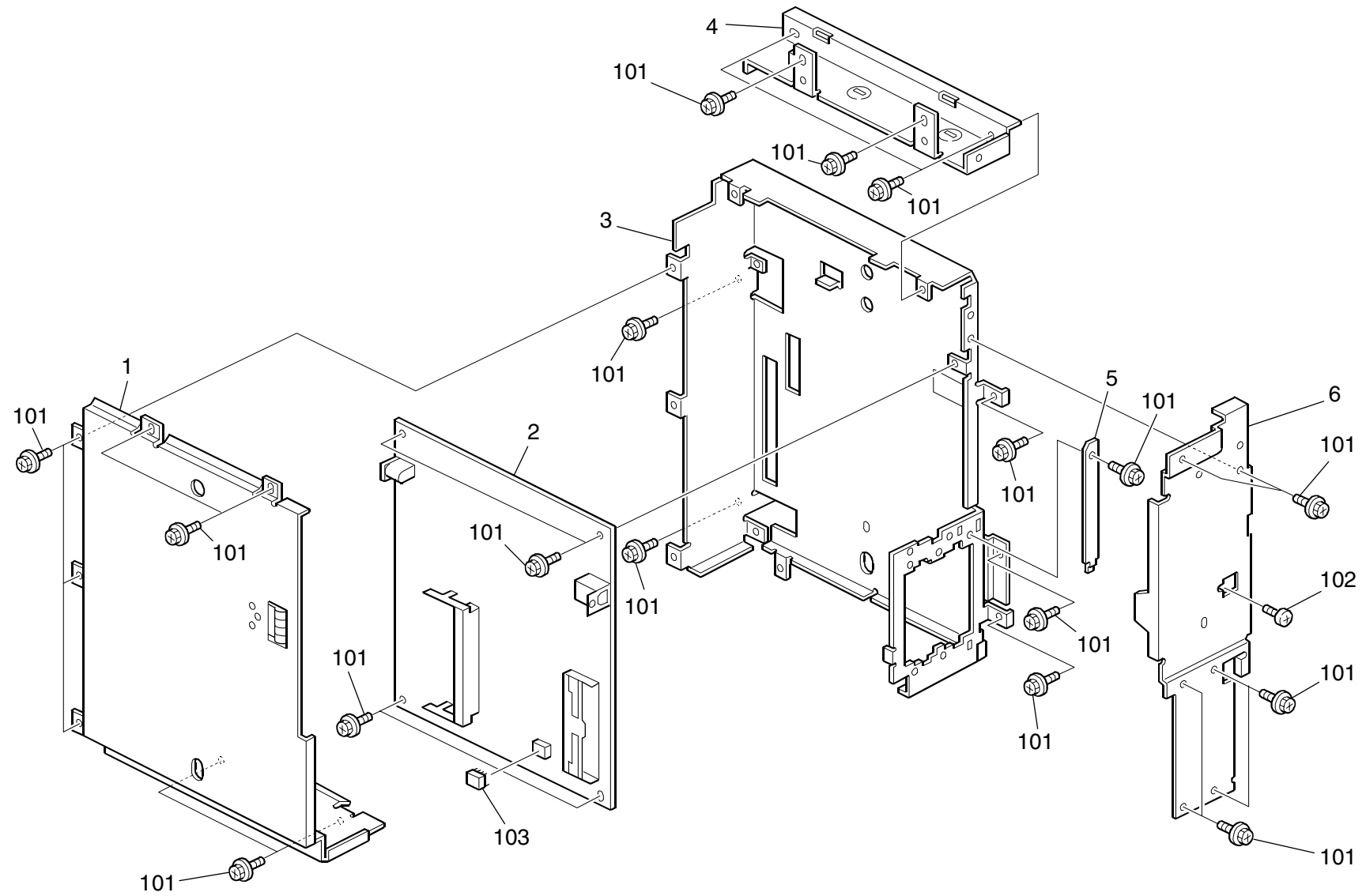


24.Frame Section 2 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 2754	Bracket - Paper Size Sensor	1
2	G800 3035	Push Sw - Paper Size	1
3	B180 2801	Holder:Paper Tray	1
4	AH01 0010	Rubber Foot:H5	4

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	1105 0511	Harness Clamp - LWS-0306ZC	

25.GDI Unit (B282/B283)



25.GDI Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B843 5880	Cover - Controller Box	1
2	B865 5171	PCB:KC3-S:GDI-Basic:Ass'y	1
3	B243 5870	PCB Bracket	1
4	B622 5872	Rail Holder	1
5	B243 5879	Cover - Card	1
6	B243 5874	Cover - PCB	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0353 0060N	Bind Screw - M3x6	
103	1407 6612	EEPROM:AT24C64A-10PU-2.7	

26.BICU Board (B282/B283)

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	191	C11	191	C21	191	---	---	C41	188	C51	191	C61	189
C2	191	C12	191	C22	191	C32	191	---	---	C52	191	C62	184
C3	178	C13	191	C23	191	C33	185	C43	191	C53	191	C63	189
C4	191	C14	191	---	---	C34	191	---	---	C54	191	C64	188
C5	185	C15	191	---	---	---	---	C45	191	C55	191	C65	193
---	---	C16	191	---	---	C36	185	C46	191	C56	191	C66	193
C7	178	C17	191	---	---	C37	188	C47	191	C57	191	C67	188
C8	188	C18	191	C28	191	C38	185	C48	188	C58	191	---	---
C9	191	C19	191	---	---	C39	205	C49	191	C59	184	---	---
C10	191	C20	185	---	---	C40	188	C50	191	C60	184	---	---

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	C81	191	C91	187	C101	191	C111	188	C121	188	C131	188
---	---	C82	191	---	---	C102	188	C112	179	C122	191	C132	188
C73	205	C83	191	---	---	C103	188	C113	179	---	---	C133	191
---	---	C84	191	---	---	C104	185	---	---	---	---	C134	191
C75	188	C85	191	C95	191	---	---	C115	191	C125	193	C135	191
C76	193	C86	191	C96	191	C106	193	C116	191	C126	193	C136	191
C77	193	C87	191	C97	188	C107	188	C117	193	C127	193	C137	184
C78	191	C88	188	C98	191	C108	193	C118	193	C128	186	C138	191
C79	185	C89	191	C99	191	C109	188	C119	193	C129	186	C139	207
C80	181	C90	188	C100	191	C110	188	C120	185	C130	193	---	---

26.BICU Board (B282/B283)

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	188	C151	193	C161	193	C171	190	C181	185	C191	184	---	---
---	---	C152	191	C162	188	C172	185	C182	185	C192	185	C202	190
C143	193	C153	191	C163	188	C173	185	C183	185	C193	188	---	---
C144	193	C154	188	C164	193	C174	185	C184	251	C194	191	---	---
C145	188	C155	191	---	---	C175	250	C185	188	C195	188	C205	189
C146	185	C156	185	C166	191	C176	185	C186	183	C196	185	C206	189
C147	185	C157	193	---	---	C177	185	C187	185	---	---	---	---
C148	188	C158	188	C168	193	C178	185	---	---	---	---	C208	186
C149	193	C159	193	---	---	C179	185	C189	184	C199	188	---	---
C150	188	C160	188	---	---	C180	185	C190	188	C200	191	C210	188

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	184	---	---	---	---	C241	185	C251	185	C261	191	---	---
C212	184	---	---	C232	188	C242	251	C252	188	C262	193	C272	193
C213	184	C223	191	C233	188	C243	192	C253	185	C263	193	C273	193
C214	185	C224	185	C234	188	C244	185	---	---	C264	193	C274	193
C215	188	---	---	C235	188	---	---	---	---	C265	191	C275	185
C216	191	---	---	C236	191	C246	184	---	---	C266	191	C276	188
---	---	---	---	C237	191	C247	184	C257	188	C267	191	---	---
C218	191	---	---	C238	191	C248	184	C258	185	C268	179	C278	179
C219	191	C229	207	C239	239	C249	184	---	---	C269	178	C279	188
C220	188	C230	207	C240	191	C250	184	C260	191	C270	191	C280	188

26.BICU Board (B282/B283)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C281	188	C291	193	C301	193	C311	185	C321	185	C331	185	C341	185
---	---	C292	185	C302	185	C312	185	C322	185	C332	185	---	---
C283	191	C293	187	C303	185	C313	185	C323	185	C333	193	---	---
---	---	C294	185	C304	188	C314	185	C324	188	C334	188	C344	185
---	---	C295	188	C305	191	C315	182	C325	191	C335	193	---	---
C286	190	C296	193	C306	185	C316	188	C326	188	C336	188	---	---
C287	190	C297	188	C307	185	C317	185	---	---	---	---	C347	185
C288	188	C298	185	C308	185	C318	185	---	---	C338	188	C348	185
C289	191	C299	188	C309	185	C319	185	C329	191	C339	185	C349	206
C290	188	C300	185	C310	185	C320	185	C330	188	C340	185	C350	206

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C351	191	C361	185	C371	191	C381	188	---	---	C401	180	C411	180
---	---	C362	185	C372	191	---	---	C392	188	C402	253	C412	180
C353	191	C363	188	C373	188	C383	188	---	---	C403	180	C413	253
C354	191	---	---	C374	191	C384	188	C394	253	C404	192	C414	253
---	---	---	---	C375	188	---	---	---	---	C405	253	C415	253
C356	188	C366	191	C376	185	C386	188	C396	252	C406	180	---	---
C357	191	---	---	---	---	C387	188	C397	181	C407	252	---	---
C358	185	---	---	---	---	C388	191	C398	253	C408	253	C418	253
C359	188	---	---	C379	191	C389	181	C399	180	C409	180	C419	180
---	---	C370	188	---	---	---	---	C400	253	C410	180	C420	253

26.BICU Board (B282/B283)

CAPACITOR

SYMBOL NO.	INDEX NO.
C421	180
C422	180
C423	253
C424	180
C425	253
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C429	185
C430	191

SYMBOL NO.	INDEX NO.
C431	188
C432	180
C433	181
C434	181
C435	188
C436	180
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---	---
C439	180
C440	180

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
C444	191
C445	191
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
C614	252

CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	125
CN102	119
---	---
CN104	127
CN105	115
---	---
CN107	124
---	---
CN109	116
---	---

SYMBOL NO.	INDEX NO.
CN111	121
CN112	115
---	---
CN114	109
CN115	110
CN116	117
CN117	111
CN118	103
CN119	113
CN120	108

SYMBOL NO.	INDEX NO.
CN121	101
CN122	120
CN123	118
CN124	122
CN125	103
---	---
CN127	123
CN128	114
---	---
CN130	106

CONNECTOR

SYMBOL NO.	INDEX NO.
---	---
CN132	105
---	---
---	---
CN135	102
CN136	105
CN137	112
CN138	104
---	---
---	---

SYMBOL NO.	INDEX NO.
CN141	107
CN142	126

DIODE

SYMBOL NO.	INDEX NO.
D1	139
D2	139
D3	137
D4	139
D5	140
D6	140
D7	139
D8	140
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
D13	139
D14	139
D15	139
D16	139
D17	139
---	---
D19	139

FILTER

SYMBOL NO.	INDEX NO.
FIL1	195
FIL2	194
FIL3	177
FIL4	177
---	---
---	---
FIL7	197
FIL8	196

IC

SYMBOL NO.	INDEX NO.
IC1	142
IC2	162
IC3	151
IC4	154
---	---
IC6	159
---	---
IC8	145
IC9	255
IC10	147

SYMBOL NO.	INDEX NO.
IC11	142
IC12	156
IC13	3
IC14	254
IC15	147
IC16	143
IC17	254
IC18	143
IC19	163

26.BICU Board (B282/B283)

IC

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
IC21	148	IC31	1
IC22	142	IC32	144
IC23	143	IC33	145
IC24	150	IC34	152
IC25	153	IC35	146
IC26	142	IC36	146
IC27	2	---	---
IC28	145	IC38	256
IC29	155	---	---
IC30	151	IC40	164

LED

SYMBOL NO.	INDEX NO.
---	---
LED2	141

OSC

SYMBOL NO.	INDEX NO.
OSC1	165

Q

SYMBOL NO.	INDEX NO.
Q1	128
Q2	134
Q3	135
Q4	131
Q5	129
Q6	136
Q7	130
Q8	134
Q9	134
Q10	133

RESISTOR

SYMBOL NO.	INDEX NO.
Q11	134
Q12	132

SYMBOL NO.	INDEX NO.
R1	220
R2	223
R3	233
R4	219
R5	225
R6	225
R7	220
R8	229
R9	233
R10	221

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R11	221	R21	220	R31	221	R41	221	---	---	---	---	R71	226
R12	222	R22	221	R32	225	R42	221	R52	220	R62	226	R72	221
R13	222	R23	226	R33	225	R43	228	R53	221	R63	244	---	---
R14	236	R24	233	R34	219	R44	228	R54	220	R64	246	R74	229
R15	236	R25	233	R35	233	R45	228	---	---	R65	235	R75	220
---	---	R26	233	R36	225	R46	228	R56	221	R66	233	R76	242
R17	220	R27	226	R37	236	R47	236	R57	220	R67	244	R77	241
R18	220	R28	226	R38	233	R48	221	R58	242	R68	249	R78	220
---	---	R29	230	R39	229	R49	220	R59	241	R69	245	R79	225
R20	220	R30	233	---	---	---	---	---	---	R70	246	R80	236

26.BICU Board (B282/B283)

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	228	R91	221	R101	230	R111	220	R121	233	R131	228	R141	233
R82	220	R92	221	R102	228	R112	220	R122	220	R132	221	R142	221
R83	228	R93	221	R103	222	R113	220	R123	221	R133	236	R143	229
R84	213	R94	221	R104	236	R114	220	R124	221	R134	236	R144	229
R85	221	R95	221	R105	221	R115	220	R125	228	R135	228	R145	221
R86	228	R96	220	R106	220	R116	220	R126	228	R136	228	R146	221
R87	228	R97	221	R107	221	R117	220	R127	222	R137	222	R147	233
R88	228	R98	230	R108	234	R118	221	---	---	R138	220	R148	226
R89	221	R99	233	R109	222	R119	220	R129	221	R139	230	R149	226
R90	220	R100	233	R110	225	R120	220	R130	228	R140	233	R150	228

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	228	R161	204	---	---	R181	221	R191	231	R201	228	R211	168
R152	228	R162	214	R172	229	R182	228	R192	221	R202	228	R212	166
R153	239	R163	215	R173	221	R183	221	R193	228	R203	229	---	---
R154	212	R164	215	R174	228	---	---	R194	229	R204	228	---	---
---	---	R165	228	R175	236	R185	228	R195	221	R205	220	---	---
---	---	R166	221	R176	221	R186	221	R196	228	R206	220	R216	228
R157	233	---	---	R177	221	R187	236	R197	228	R207	220	R217	228
R158	233	---	---	R178	239	R188	227	R198	228	R208	247	R218	228
R159	221	R169	236	R179	167	R189	228	R199	236	R209	243	R219	228
R160	221	R170	220	R180	228	R190	223	R200	228	R210	240	R220	220

26.BICU Board (B282/B283)

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R221	224	---	---	R241	228	---	---	R261	230	---	---	R281	228
R222	237	---	---	R242	228	R252	228	R262	220	R272	220	---	---
---	---	---	---	R243	236	R253	221	R263	228	R273	233	---	---
R224	228	R234	228	R244	228	---	---	R264	238	R274	233	R284	220
R225	215	R235	220	R245	236	R255	221	R265	221	R275	221	R285	228
R226	215	R236	221	R246	221	R256	220	R266	248	R276	233	R286	228
R227	224	R237	228	R247	236	R257	220	R267	220	---	---	R287	229
R228	237	R238	228	R248	228	R258	221	R268	210	---	---	R288	221
R229	221	R239	228	R249	221	R259	221	---	---	R279	222	---	---
R230	221	R240	228	R250	233	R260	225	R270	221	R280	221	---	---

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	R301	228	---	---	R321	236	R331	204	R341	203	R351	211
---	---	R302	220	R312	239	R322	221	R332	220	R342	203	R352	212
---	---	R303	228	R313	222	R323	233	R333	221	R343	215	R353	212
R294	220	R304	228	R314	222	R324	233	R334	236	R344	228	R354	212
R295	221	R305	222	R315	228	R325	236	R335	220	R345	221	R355	212
R296	233	R306	221	R316	228	R326	233	R336	236	---	---	---	---
R297	221	---	---	R317	228	R327	221	R337	221	R347	218	R357	217
R298	236	R308	228	R318	236	R328	221	R338	233	R348	215	R358	208
R299	167	R309	228	---	---	R329	236	R339	220	R349	204	R359	212
R300	220	---	---	---	---	R330	236	R340	236	R350	214	R360	213

26.BICU Board (B282/B283)

RESISTOR

SYMBOL NO.	INDEX NO.
R361	213
R362	209
R363	212
R364	221
R365	232
---	---
---	---
---	---
R369	239
R370	204

SYMBOL NO.	INDEX NO.
R371	211
R372	239
---	---
R374	236
R375	236
---	---
R376	236
R377	216
---	---
R379	221
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R383	221
R384	221

REG

SYMBOL NO.	INDEX NO.
REG1	160
REG2	157
REG3	161
REG4	158

RN

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

SYMBOL NO.	INDEX NO.
RN11	172
RN12	172
RN13	172
RN14	172
RN15	172
---	---
RN16	174
RN17	200
RN18	200
RN19	172
RN20	175

SYMBOL NO.	INDEX NO.
RN21	172
RN22	172
RN23	172
RN24	172
RN25	173
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RN26	175
RN27	171
RN28	173
RN29	200
RN30	172

RN

SYMBOL NO.	INDEX NO.
RN31	175
RN32	200
RN33	200
RN34	200
RN35	170
---	---
RN36	173
RN37	173
RN38	170
RN39	170
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SYMBOL NO.	INDEX NO.
RN41	173
RN42	173
RN43	173
RN44	199
RN45	199
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RN46	200
RN47	173
RN48	173
RN49	200
RN50	200

SYMBOL NO.	INDEX NO.
RN51	171
RN52	173
RN53	173
RN54	173
RN55	173
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RN56	173
RN57	173
RN58	173
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---	---

SYMBOL NO.	INDEX NO.
RN61	201
RN62	200
---	---
RN64	202
RN65	173
---	---
RN66	202
RN67	198
RN68	202
RN69	198
RN70	200

SYMBOL NO.	INDEX NO.
RN71	170
---	---
RN73	172
RN74	172
RN75	175
---	---
RN76	202
RN77	202
RN78	202
RN79	202
RN80	202

SYMBOL NO.	INDEX NO.
RN81	198
RN82	198
RN83	198
RN84	198
RN85	198
---	---
RN86	169
RN87	173
RN88	174
RN89	174
RN90	200

SYMBOL NO.	INDEX NO.
RN91	172
RN92	172
RN93	199
RN94	172
RN95	172
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RN96	173
RN97	200
RN98	200
RN99	199
RN100	174

26.BICU Board (B282/B283)

RN

SYMBOL NO.	INDEX NO.
RN101	172
RN102	172
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RN104	200
RN105	170
RN106	170
RN107	172
RN108	172
RN109	174
RN110	174

SYMBOL NO.	INDEX NO.
RN111	172
RN112	172
RN113	173
RN114	173
RN115	198
RN116	199
RN117	173
RN118	198
RN119	198
RN120	199

SYMBOL NO.	INDEX NO.
RN121	173
RN122	173
RN123	172
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RN125	173
RN126	176
RN127	200
RN128	199
RN129	199

ZD

SYMBOL NO.	INDEX NO.
ZD1	138
ZD2	138
ZD3	136

26.BICU Board (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B282 5106	PCB:BICU:CHN	1
1	B040 5506	IC:IMAC_K:RF5C789	1
2	B121 5501	IC:SCRATCH:KS6M2U1651CBP	1
3	B121 5502	LSI:Trio:UPD65945GD-103-LML-A	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4201	Connector - 2P	
102	1102 4202	Connector - 3P	
103	1102 4203	CT Header - 4P	
104	1102 4205	CT Header - 6P	
105	1102 4207	Connector - 8P	
106	1102 5301	Connector - 2P	
107	1102 5302	Connector - 3P	
108	1102 5303	Connector - 4P	
109	1102 6295	Connector - 2P	
110	1102 6297	Connector - 4P	
111	1102 6299	Connector - 6P	
112	1102 6396	Connector - 1P	
113	1102 6403	Connector - 30P	
114	1102 8545	Connector - 1-353297-6	
115	1102 8655	Connector - 9P 353297-9	
116	1102 8661	Connector - FCN-564P068-G/SC-4V	
117	1102 9108	Connector - 353297-3	
118	1102 9109	Connector - 353297-4	
119	1102 9110	Connector - 353297-6	
120	1102 9111	Connector - 353297-7	
121	1103 3986	Connector	
122	1102 9114	Connector - 353297-1	
123	1102 9119	Connector:2-353297-0	
124	1102 9132	Connector - 353303-7	
125	1103 3179	Connector:FH12-50S-0.5SV(89)	
126	1103 3661	Connector - TX25-40P-8ST-H1E	
127	1103 3733	Connector:SLD5R-1LF	
128	1400 0702	Transistor - DTD143EK	
129	1400 0789	Transistor - IMT17	
130	1400 0901	Transistor - DTC144VUA	
131	1400 0953	Transistor - 2SC4081S	
132	1400 0962	Transistor - 2SB1412	
133	1400 1163	Transistor - 2SA1979UF	
134	1400 1174	Transistor - SRC1219UF	
135	1401 1228	Fet:SI3433DV-E3	



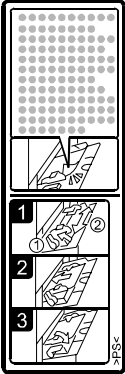
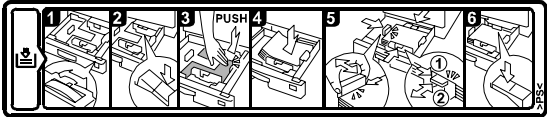
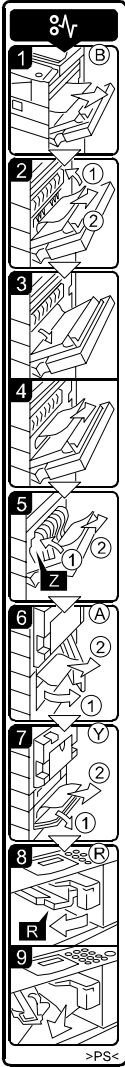
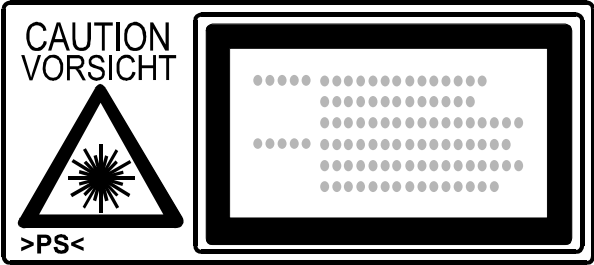
Index No.	Part No.	Description	Q'ty Per Assembly
136	1402 1511	Zenerdiode - MTZJ13B	
137	1402 1565	Diode - RB	
138	1402 1662	Diode:PTZ6.2B	
139	1402 1911	Diode - SDS511	
140	1402 1912	Diode - SDS142WMF	
141	1403 1266	LED - KPT-1608EC	
142	1407 2187	TTLIC - SN74LS07NS	
143	1407 2219	IC - TD62003AP	
144	1104 0588	Dip Socket - 28P	
145	1407 5353	IC - SN74LV244APW	
146	1407 5361	IC - 74LVC157A TSSOP	
147	1407 5368	IC - 74LVC245A TSSOP	
148	1407 5376	IC - SN74LV32APW	
149	1407 5382	CMOS Logic - SN74LV373APW	
150	1407 5454	IC - SN74LV86APW	
151	1407 5469	IC - SN74LV07APW	
152	1407 5555	IC - SN74AHCT126PW	
153	1407 6032	IC - SN74LV161APW	
154	1407 6525	CPU - HD6412320VF25V	
155	1407 6584	IC - STK672-400B-E	
156	1408 1204	IC - TA8083P	
157	1408 1290	Regulator - TA7805S	
158	1408 1428	Regulator - TA78M12S	
159	1408 1550	IC - LM2902PW	
160	1408 1669	Series Regulator:R1170H331B	
161	1408 1850	Regulator - R1170H181B	
162	1408 1911	Comparator - LM2903PW	
163	1408 1929	IC - R3112Q441A	
164	1408 2316	IC - R3112Q381A-FA	
165	1503 0993	Crystal Oscillator- 14.7456MHz	
166	1600 1334	Resistor-220Ω±5%2W	
167	1600 1682	Resistor - 680 Ω ±5% 2W	
168	1601 5492	Resistor - 47Ω ±5% 2W	
169	1601 7875	Resistor Array - 150Ω ±5%	
170	1601 7877	Resistor Array 4.7K Ω ±5% 1/32W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1601 7886	Resistor Array 3.3K Ω ±5% 1/32W	
172	1601 7887	Resistor Array - 10K Ω ±5% 1/32W	
173	1601 7898	Resistor Array	
174	1601 7943	Resistor Array - 68 Ω ±5% 1/32W	
175	1601 7959	Resistor	
176	1601 7981	Resistor Array - 100K Ω±5%1/16W	
177	1602 7026	Capacitor - 1000pF ±20% 100V	
178	1604 5524	Capacitor - 100μF±20% 50V	
179	1604 5526	Capacitor - 47μF±20% 10V	
180	1605 1137	Capacitor - 470pF ±10% 50V	
181	1605 1148	Capacitor - 0.1μF+80-20% 50V	
182	1605 1166	Capacitor - 0.015μF±10% 50V	
183	1605 1190	Resistor - 0.022μF±10% 50V	
184	1605 1201	Capacitor - 12pF ±5% 50V	
185	1605 1206	Capacitor - 47pF ±5% 50V	
186	1605 1208	Capacitor:100pF:±5%:50V	
187	1605 1209	Capacitor - 150pF ±5% 50V	
188	1605 1221	Capacitor - 0.1 μF+80-20%16V	
189	1605 1293	Capacitor - 27pF±5%50V	
190	1605 1295	Capacitor:10μF:+80-20%:10V	
191	1605 1303	Capacitor - 0.01μF+80-20% 50V	
192	1605 1347	Capacitor - 1μF:+80-20%:16V	
193	1605 1447	Resistor - 470pF ±5% 50V	
194	1607 0069	Fuse - BI02RN2-R62-PB	
195	1607 1002	IC - NFM60R30T222	
196	1607 1107	IC - LC0805L104M	
197	1607 1298	Filter - LCZ0805S224M7	
198	1609 0005	Registor:33 Ω:±5%:1/16W	
199	1609 0006	Registor:10K Ω:±5%:1/16W	
200	1609 0007	Resistor - 68Ω ±5% 1/16W	
201	1609 0019	Registor:0 Ω:1608	
202	1609 0027	Resistor - 100KΩ±5% 1/16W	
203	1633 0000	Resistor - 0 Ω 1/10W	
204	1634 0000	Resistor - 0 Ω 1/16W	
205	1640 0101	Capacitor - 100μF10V	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1640 5470	Capacitor - 47 μ F $\pm$ 20% 50V	
207	1642 5100	Capacitor - 10 μ F $\pm$ 20% 50V	
208	1650 2472	Chip Resistor-4.7K	
209	1650 2620	Resistor - 62 Ω $\pm$ 5% 1/4W	
210	1650 3201	Resistor - 200 Ω $\pm$ 5% 1/8W	
211	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
212	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
213	1650 4104	Resistor - 100K Ω $\pm$ 5%1/10W	
214	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
215	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
216	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
217	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
218	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
219	1650 5100	Chip Resistor - 10 Ω $\pm$ 5%1/16W	
220	1650 5102	Chip Resistor - 1K Ω $\pm$ 5%1/16W	
221	1650 5103	Chip Resistor - 10K Ω $\pm$ 5%1/16W	
222	1650 5104	Chip Resistor - 100K Ω $\pm$ 5%1/16W	
223	1650 5105	Chip Resistor - 1M Ω $\pm$ 5%1/16W	
224	1650 5203	Resistor - 20K Ω $\pm$ 5% 1/16W	
225	1650 5222	Resistor - 2.2K Ω $\pm$ 5% 1/16W	
226	1650 5243	Resistor - 24K Ω $\pm$ 5% 1/16W	
227	1650 5244	Resistor:240k Ω : $\pm$ 5%:1/16w:1005	
228	1650 5330	Chip Resistor - 33 Ω $\pm$ 5%1/16W	
229	1650 5331	Resistor - 330 Ω $\pm$ 5% 1/16W	
230	1650 5332	Resistor - 3.3K Ω $\pm$ 5% 1/16W	
231	1650 5391	Resistor - 390 Ω $\pm$ 5% 1/16W	
232	1650 5470	Chip Resistor 47 Ω $\pm$ 5% 1/16W	
233	1650 5472	Chip Resistor:4.7K Ω : $\pm$ 5%:1/16W	
234	1650 5511	Resistor - 510 Ω $\pm$ 5% 1/16W	
235	1650 5624	Resistor - 620K Ω $\pm$ 5% 1/16W	
236	1650 5680	Resistor - 68 Ω $\pm$ 5% 1/16W	
237	1650 5750	Chip Resistor:75 Ω : $\pm$ 5%:1/16W	
238	1650 5751	Resistor:750 Ω : $\pm$ 5%:1/16W:1005	
239	1655 0000	Chip Resistor - 0 Ω $\pm$ 0%1/16W	
240	1655 1001	Chip Resistor - 1K Ω $\pm$ 1% 1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
241	1655 1002	Chip Resistor - 10K Ω $\pm$ 1%1/16W	
242	1655 1003	Chip Resistor - 100K Ω $\pm$ 1%1/16W	
243	1655 1302	Resistor - 13K Ω $\pm$ 1% 1/16W	
244	1655 1801	Resistor - 1.8K Ω $\pm$ 1% 1/16W	
245	1655 2551	Resistor - 2.55K Ω $\pm$ 1% 1/16W	
246	1655 3301	Resistor - 3.3K Ω $\pm$ 1% 1/16W	
247	1655 6041	Resistor - 6.04K Ω $\pm$ 1% 1/16W	
248	1655 7871	Resistor - 7.87K Ω $\pm$ 1% 1/16W	
249	1655 9101	Resistor - 9.1K Ω $\pm$ 1% 1/16W	
250	1660 2120	Capacitor - 12 pF $\pm$ 5% 50V	
251	1660 2270	Capacitor - 27pF $\pm$ 20% 35V	
252	1660 2470	Capacitor - 47pF $\pm$ 5% 50V	
253	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
254	1902 0070	SRAM - 1M:X8:3.3V:G2	
255	1906 0094	Flash Memory - S29AL016D70TFI020	
256	1907 0012	SDRAM - 128M 2mx16x4 133MHz	

27.Decals and Documents (B282/B283)

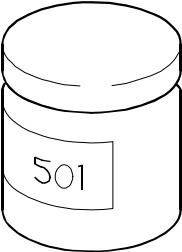
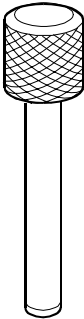
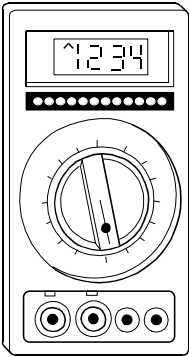
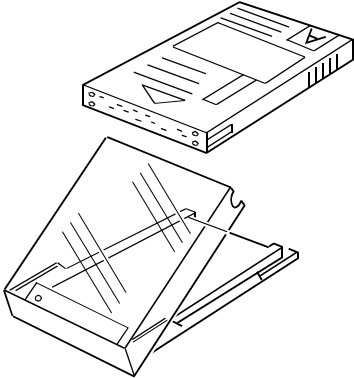
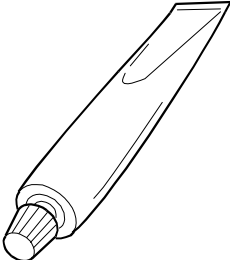
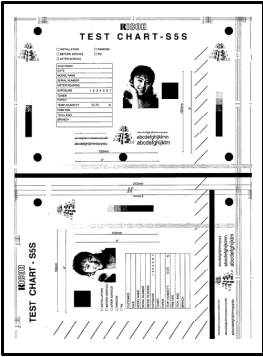
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	4		
			
5	7	8	
			

27.Decals and Documents (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 2633	Decal - By-pass Feed	1
2	B039 2721	Decal - Cassette Operation	1
3	B039 2834	Decal - Exit Paper Feed	1
4	B039 4488	Jam Removal Decal (B283)	1
5	B043 4692	Grip Decal	1
6	B123 4691	Decal	1
7	B283 1981	Decal:LD	1
8	H068 8692	Decal	1

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

28.Special Tools (B282/B283)

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4	5	6
		

28.Special Tools (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
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2	A006 9104	Adjusting Scanner Pin (4pcs/set)	1
3	VSSM 9000	Digital Multimeter-Fluke187	1
4	N803 6701	Flash Memory Card-4MB	1
5	A257 9300	Grease - Barrierta S552R	1
6	A292 9500	Test Chart - S5S (10 Pcs/set)	1

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

Parts Index

Parts Index

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