

**Model GW-C4
(B282-67/B283-67)
PARTS CATALOG**

First edition, March 2011

Ricoh Company, LTD.

Model GW-C4 (B282-67/B283-67)

PARTS CATALOG

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

CONTENTS

Model GW-C4	(B282-67/B283-67)
ADF DF2000	(B813)
ARDF DF2010	(B814)
Platen Cover Type 1080	(B406)
PS460/Grip	(B385/B274)
PS450/Grip	(B384/B274)

Model GW-C4
(B282-67/B283-67)

Model GW-C4 (B282-67/B283-67)

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CONTENTS

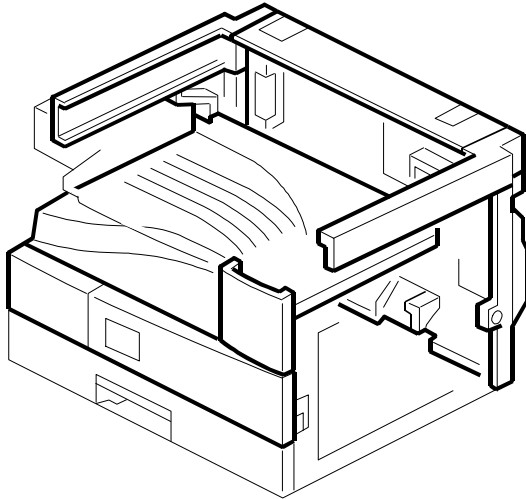
CONTENTS (Continued)

Location of Unit.....	2	17.Duplex Unit 1 (B282)	40
1.Exterior 1 (B282/B283).....	8	18.Duplex Unit 2 (B282)	42
2.Operation Panel (B282/B283)	10	19.Duplex Unit 3 (B282)	44
3.Optics Section 1 (B282/B283).....	12	20.Drive Section (B282/B283).....	46
4.Optics Section 2 (B282/B283).....	14	21.Electrical Section 1 (B282/B283).....	48
5.Optics Section 3 (B282/B283).....	16	22.Electrical Section 2 (B282/B283).....	50
6.Laser Unit (B282/B283).....	18	23.Frame Section 1 (B282/B283).....	52
7.By-pass Feed Section (B282/B283).....	20	24.Frame Section 2 (B282/B283).....	54
8.Paper Cassette (B282/B283)	22	25.GDI Unit (B282/B283)	56
9.Paper Registration (B282/B283)	24	26.Decals and Documents (B282/B283)	70
10.1st Paper Feed Section (B282/B283)	26	27.Special Tools (B282/B283).....	72
11.Vertical Transport (B283).....	28	Parts Index	76
12.PCU 1 (B282/B283)	30		
13.PCU 2 (B282/B283)	32		
14.Toner Supply Unit (B282/B283)	34		
15.Fusing Unit (B282/B283).....	36		
16.Paper Exit Section (B282/B283)	38		

March 30, 2011

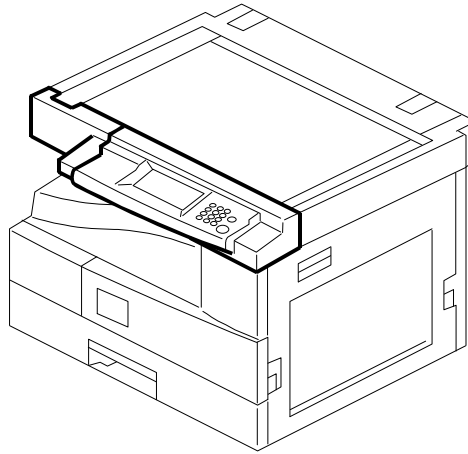
LOCATIONS OF UNITS

1. Exterior 1 (B282/B283)



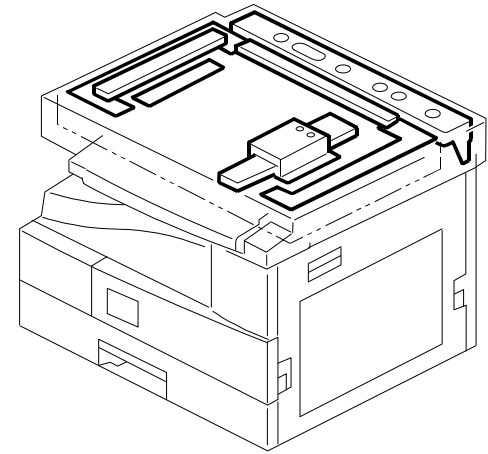
See Page 9

2. Operation Panel (B282/B283)



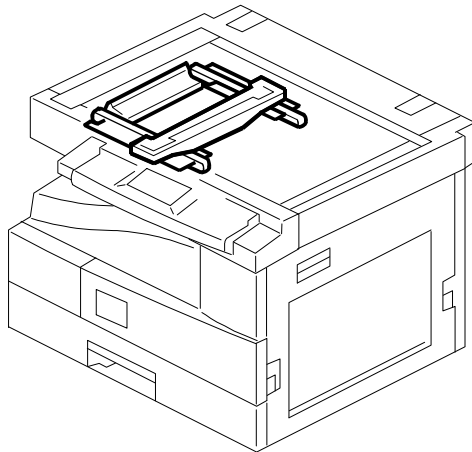
See Page 11

3. Optics Section 1 (B282/B283)



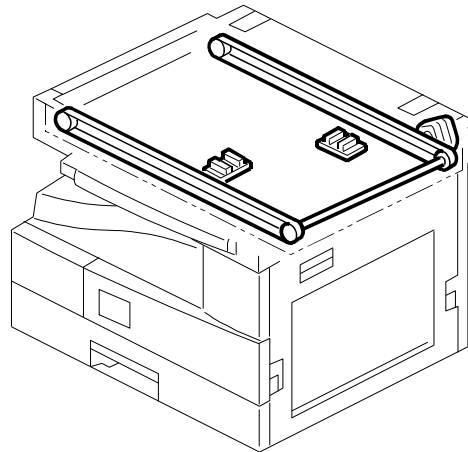
See Page 13

4. Optics Section 2 (B282/B283)



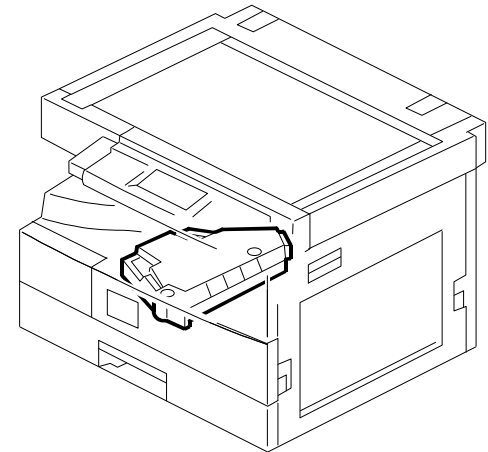
See Page 15

5. Optics Section 3 (B282/B283)



See Page 17

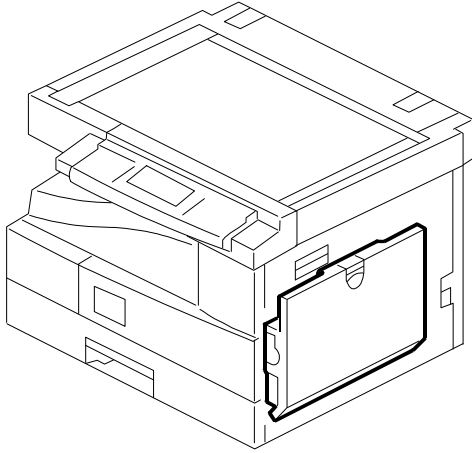
6. Laser Unit (B282/B283)



See Page 19

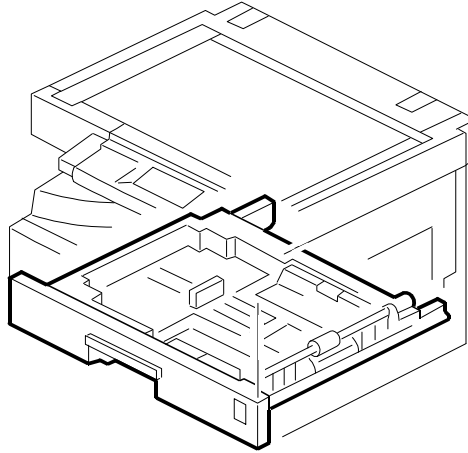
LOCATIONS OF UNITS

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



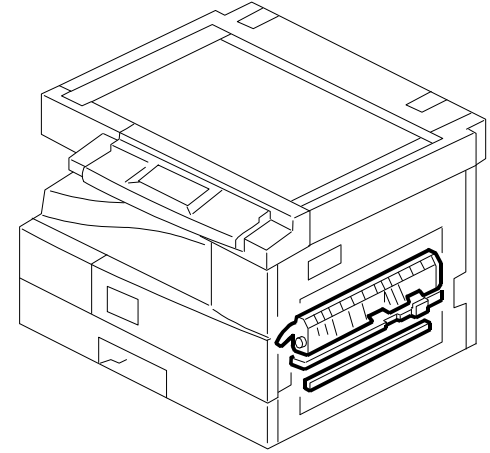
See Page 21

8. Paper Cassette (B282/B283)



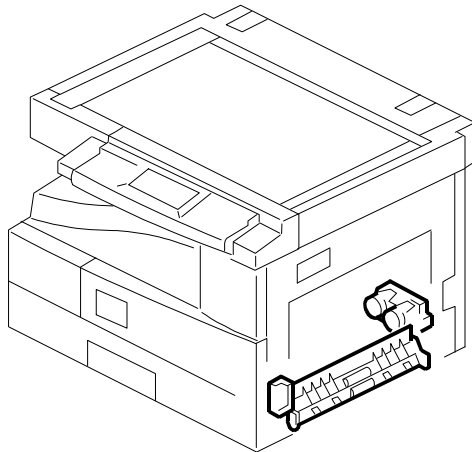
See Page 23

9. Paper Registration (B282/B283)



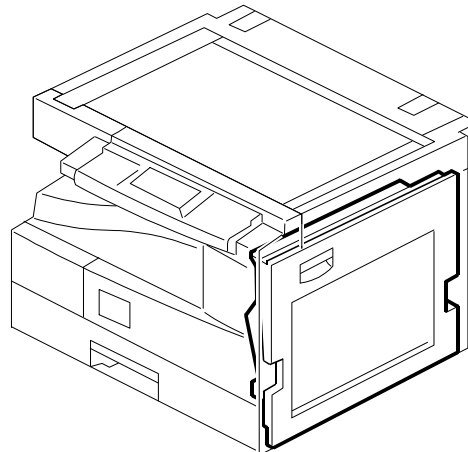
See Page 25

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



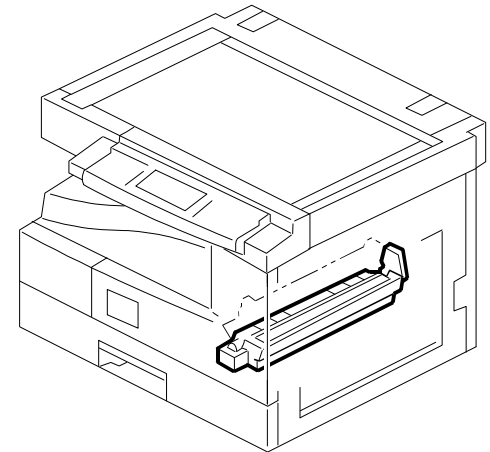
See Page 27

11. Vertical Transport (B283)



See Page 29

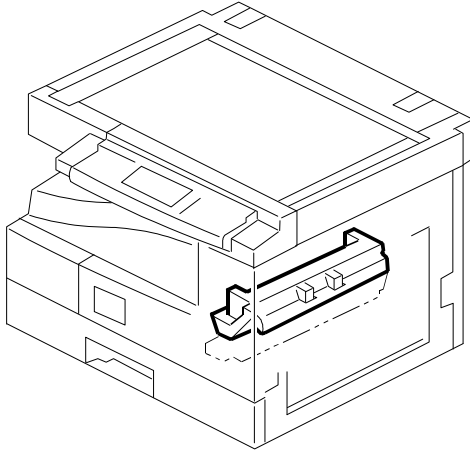
12. PCU 1 (B282/B283)



See Page 31

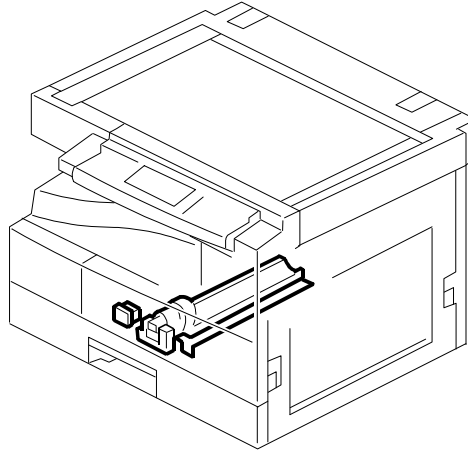
LOCATIONS OF UNITS

13. PCU 2 (B282/B283)



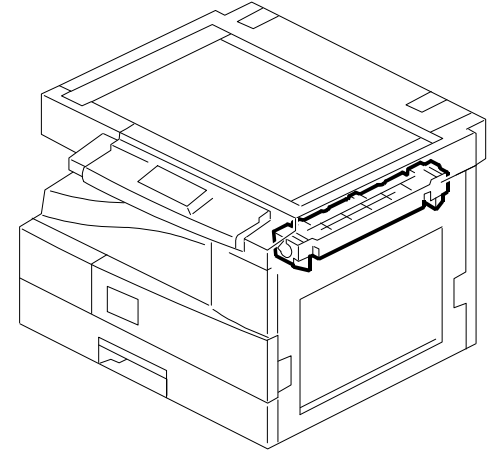
See Page 33

14. Toner Supply Unit (B282/B283)



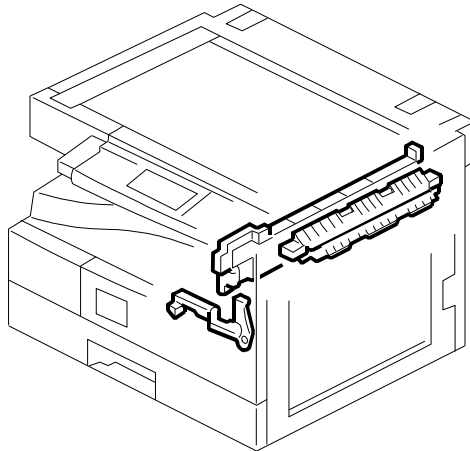
See Page 35

15. Fusing Unit (B282/B283)



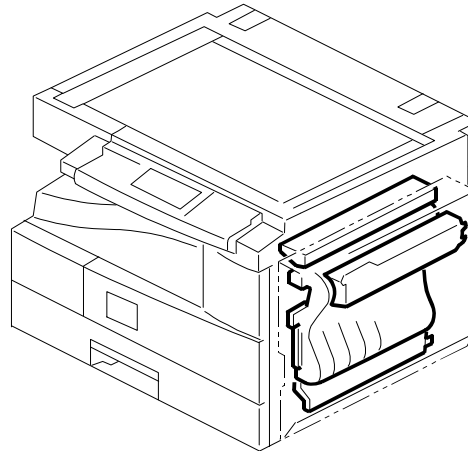
See Page 37

16. Paper Exit Section (B282/B283)



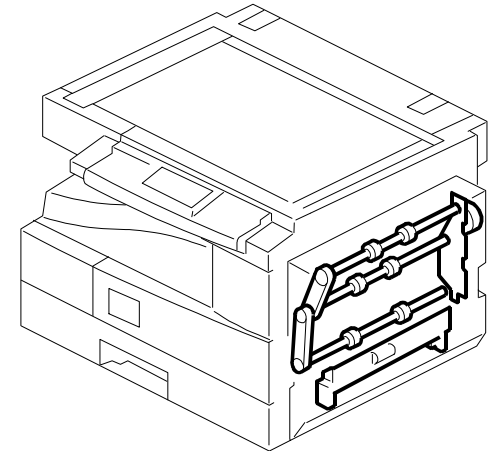
See Page 39

17. Duplex Unit 1 (B282)



See Page 41

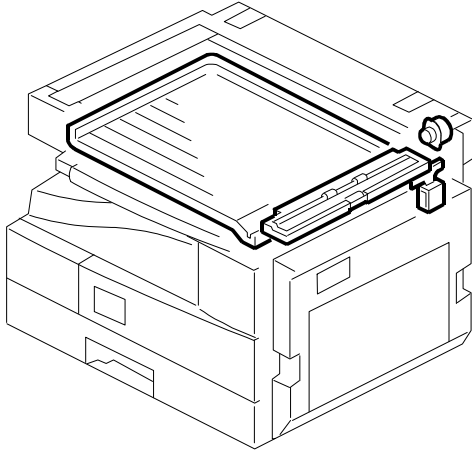
18. Duplex Unit 2 (B282)



See Page 43

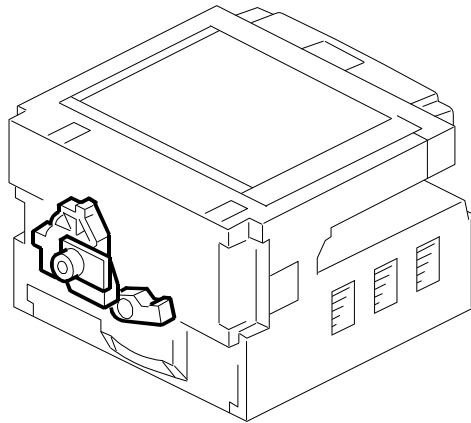
LOCATIONS OF UNITS

19. Duplex Unit 3 (B282)



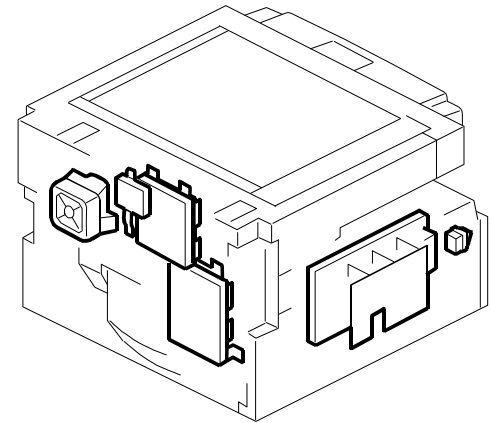
See Page 45

20. Drive Section (B282/B283)



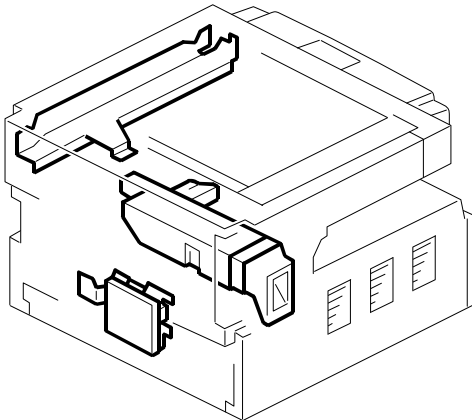
See Page 47

21. Electrical Section 1 (B282/B283)



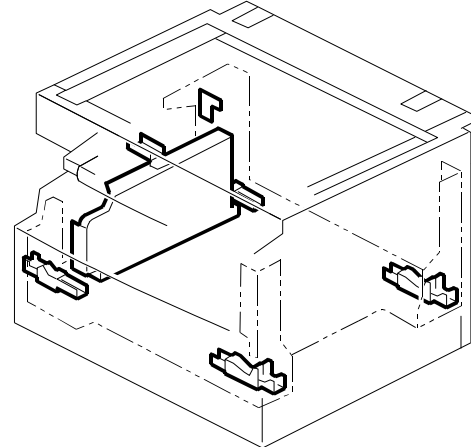
See Page 49

22. Electrical Section 2 (B282/B283)



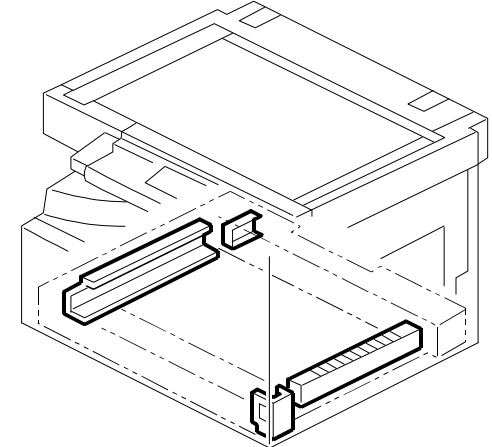
See Page 51

23. Frame Section 1 (B282/B283)



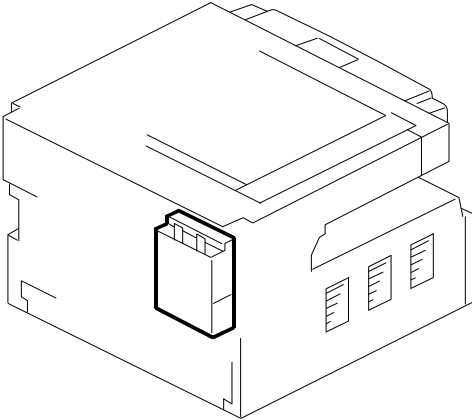
See Page 53

24. Frame Section 2 (B282/B283)

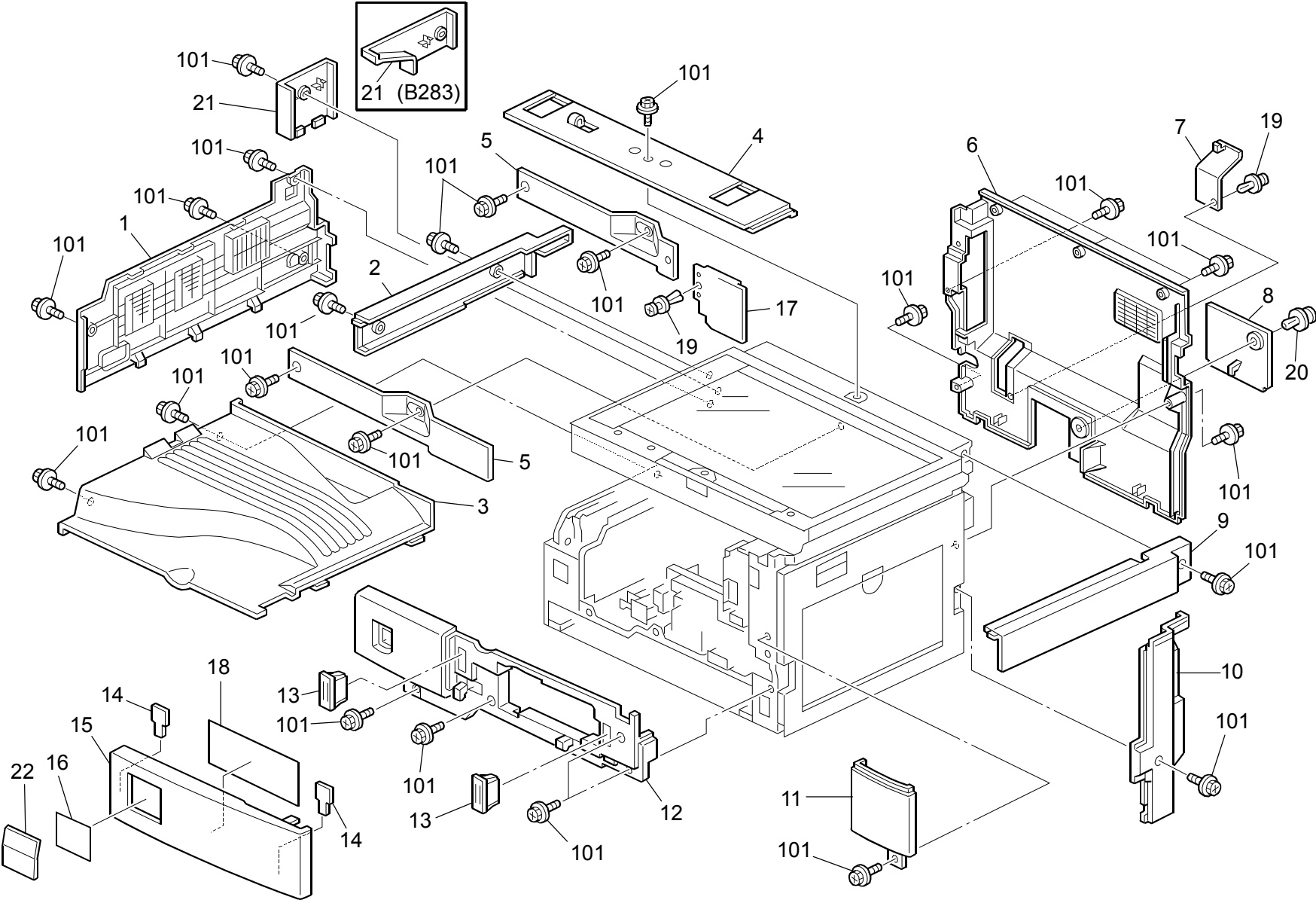


See Page 55

LOCATIONS OF UNITS

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

1.Exterior 1 (B282/B283)

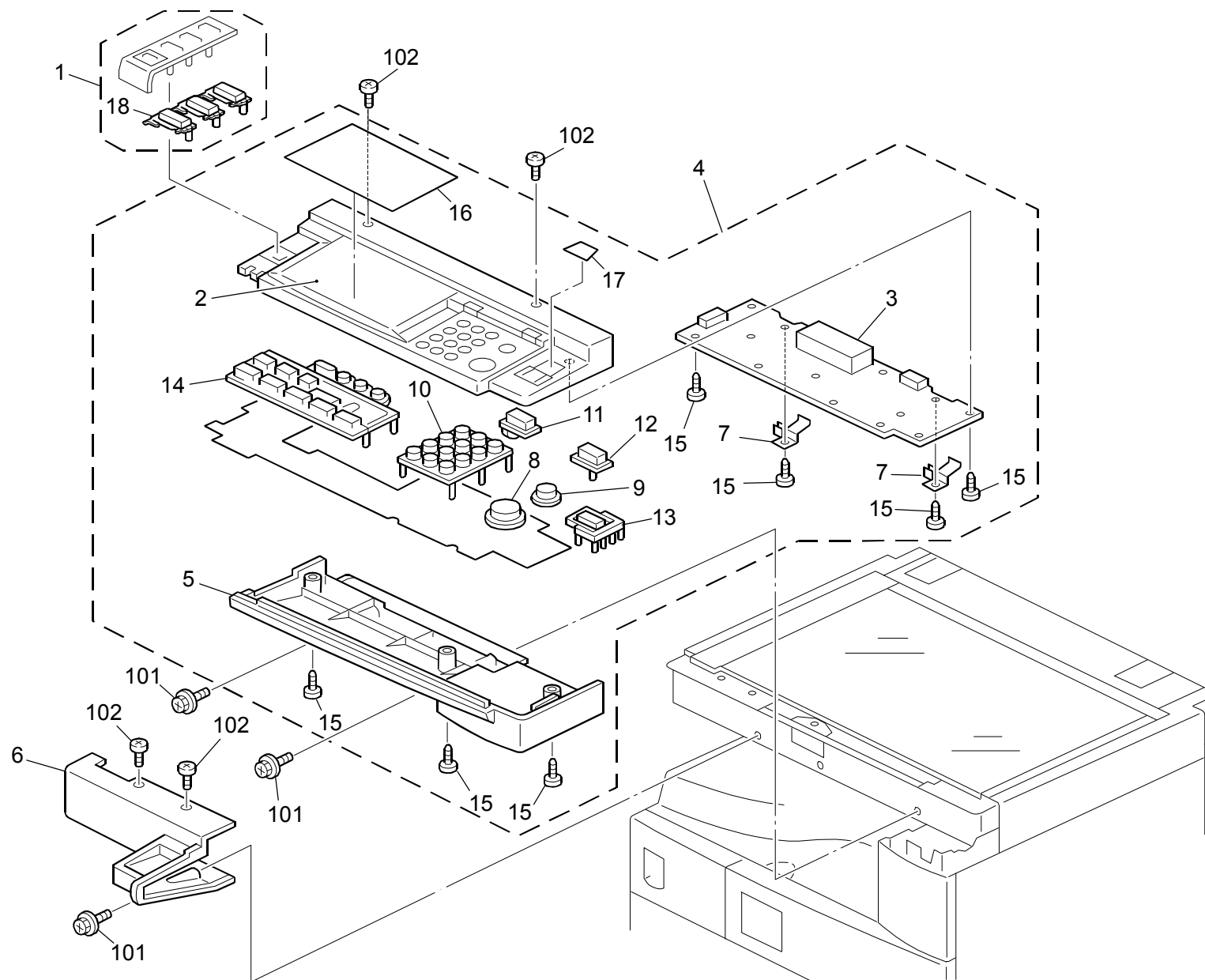


1.Exterior 1 (B282/B283)

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	D100 1355	Cover:Exit:C3-DOM	1
4	B039 1333	Rear Scanner Cover	1
5	B277 1370	Cover:Exit:Rear:C:NA (B282)	1
5	B276 1368	Cover:Exit:Rear:B:NA (B283)	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 0471	Model Name Plate:B28268:GES	1
16	B283 0474	Model Name Plate:B283-67:RIC	1
16	B283 0479	Model Name Plate:B283-68:GES	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	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)

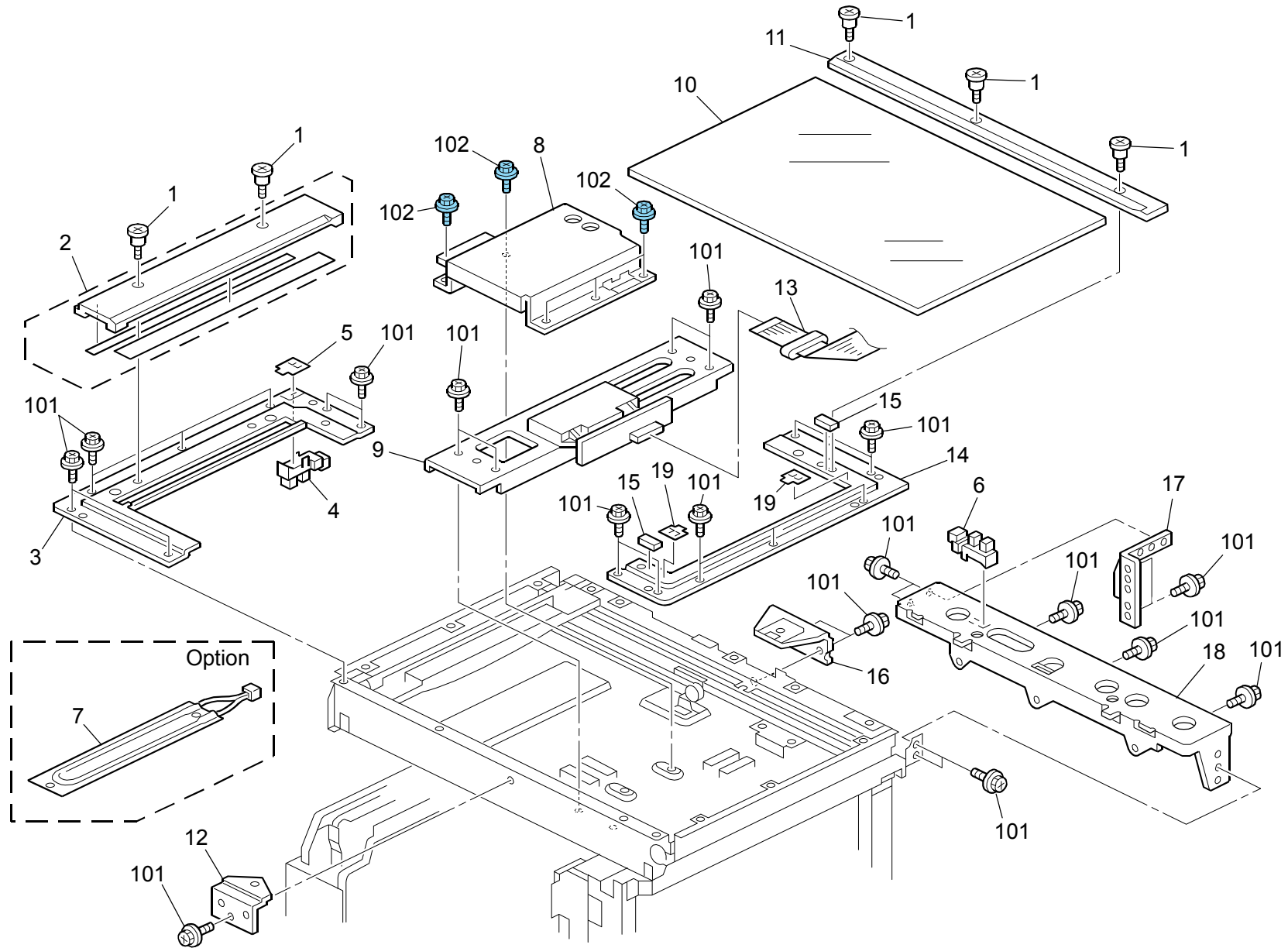


2.Operation Panel (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B243 1468	Cover - CPS EU	1
2	B243 1451	Case:Operation Sub-unit	1
3	B282 1485	PCB:Duplex:GW-C3D	1
4	B282 1417	Operation Sub-unit:Base:	
		Duplex:GW-C3D:Ass'y	1
4	B283 1427	Operation Sub-unit:Base:GW-C3: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	18
16	B282 1454	Sheet:Operation Sub-unit:Duplex (B282)	1
16	B283 1454	Sheet:Operation Sub-unit:One Side (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)

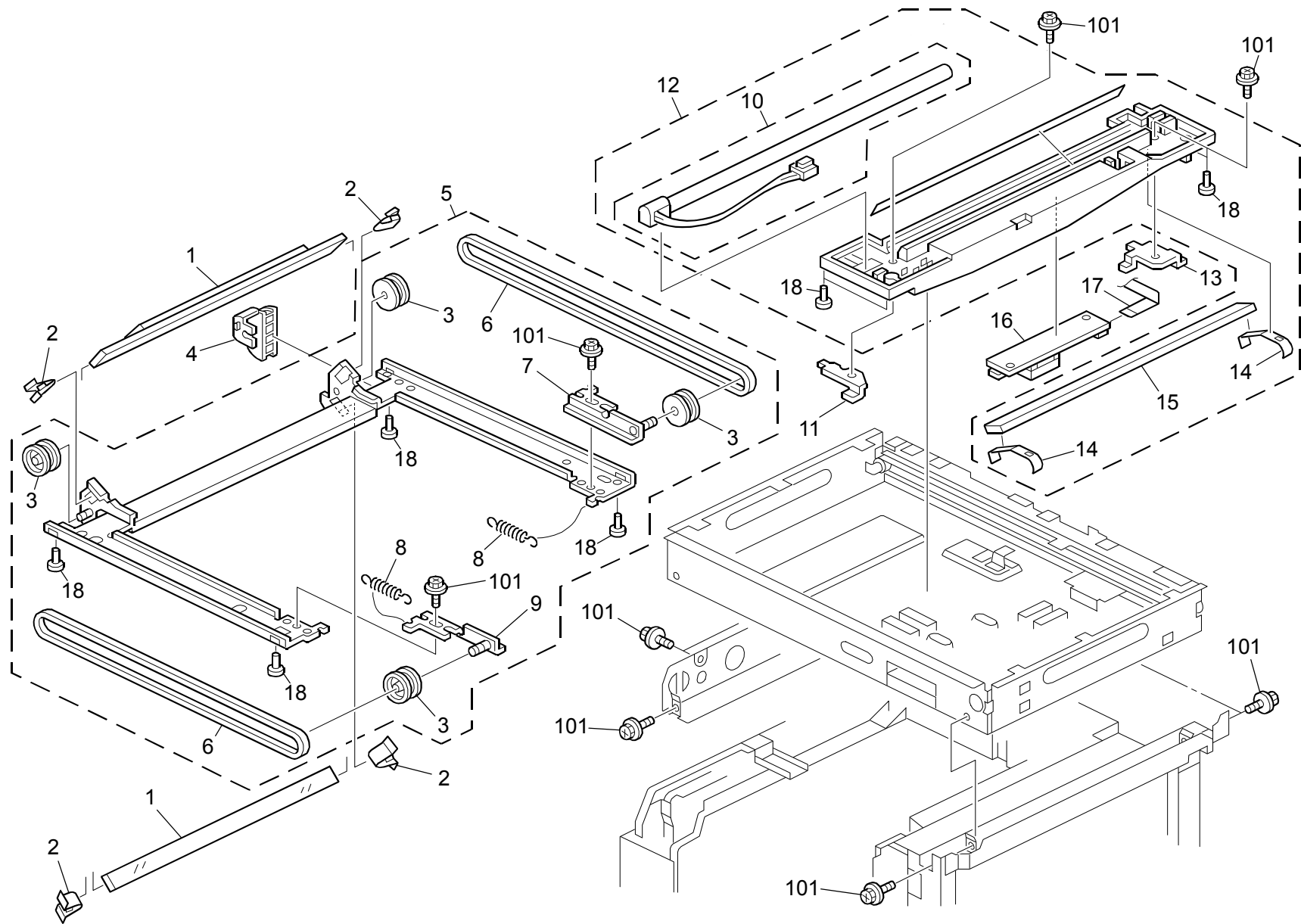


3.Optics Section 1 (B282/B283)

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 1705	Sheet:Photointerruptor	1
6	GW02 0020	Photointerruptor:LG248NL1	1
7	A250 1822	Heater - 9W	1
8	B276 1808	Inner Cover:Lens	1
9	B259 1813	Holder:Lens:Ass'y	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	5442 1924	Exposure Glass Cushion	2
16	B039 1658	Rear Scale Bracket	1
17	B121 1069	Support Bracket	1
18	B039 1068	ADF Bracket	1
19	B238 1845	Seal:Exposure Glass	2

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)

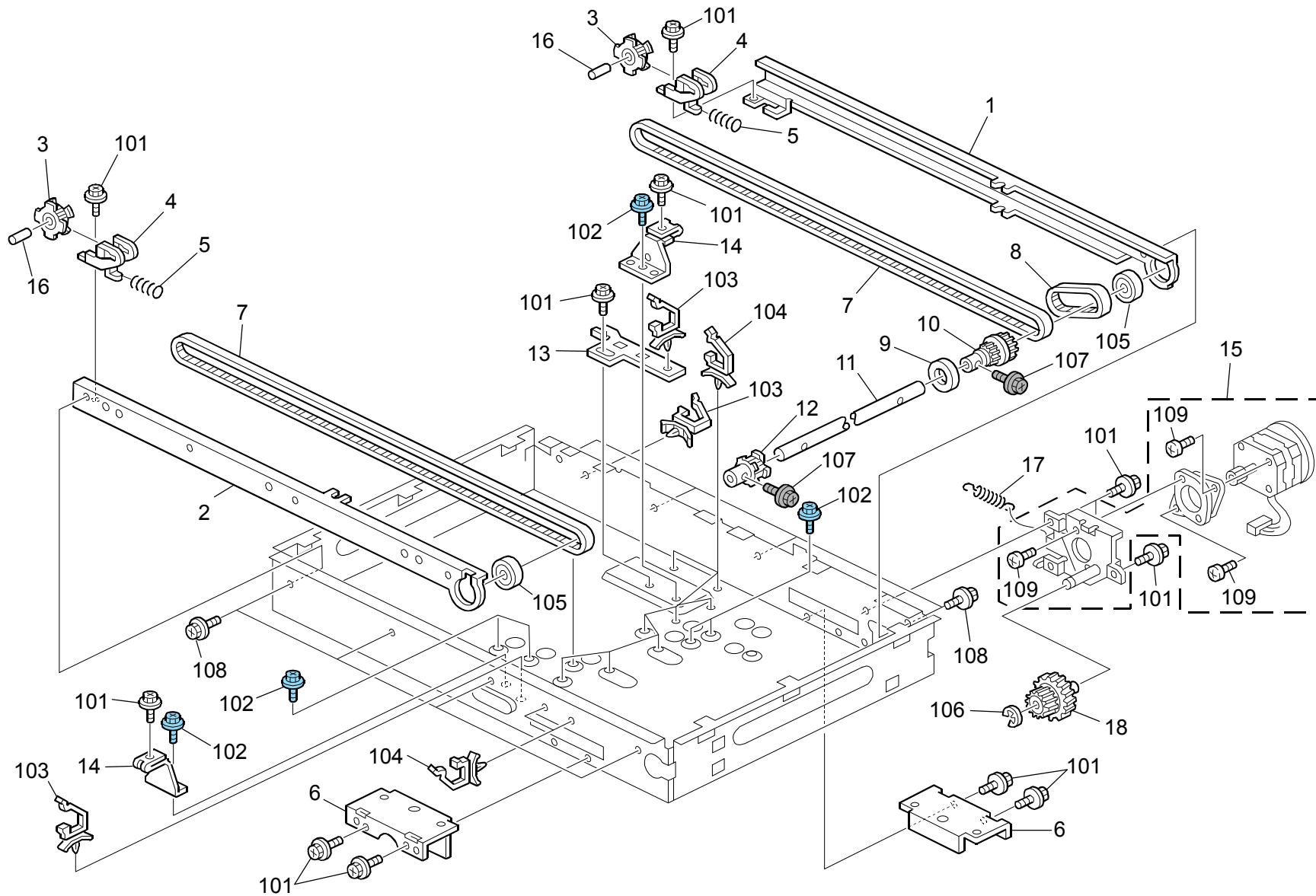


4.Optics Section 2 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 1796	Mirror:No.2:Ass'y	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 1754	Carriage:No.1:Ass'y	1
13	B039 1759	Timing Belt Holder - Rear	1
14	B121 1766	No.1 Mirror Clamp	2
15	B121 1763	Mirror:No.1	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)

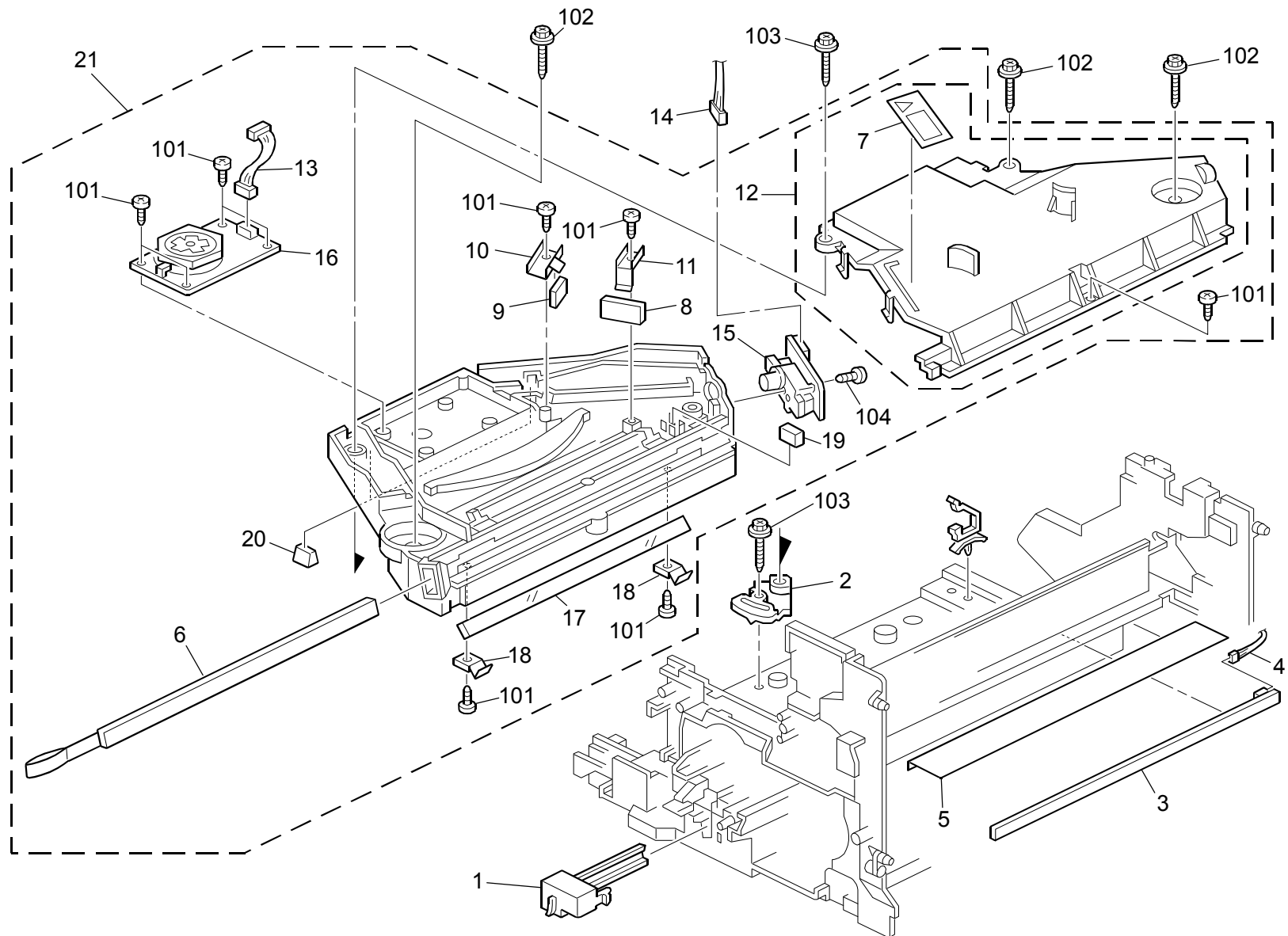


5.Optics Section 3 (B282/B283)

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 1705	Bracket:Idler	2
5	B039 1704	Spring - Timing Pulley	2
6	B121 1667	Lens Stay Bracket	2
7	B039 1649	Timing Belt:S1.411M:1058	2
8	B121 1697	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 1699	Stepper Motor:MM42:2.9W	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	
109	0313 0060N	Screw - M3x6	

6.Laser Unit (B282/B283)

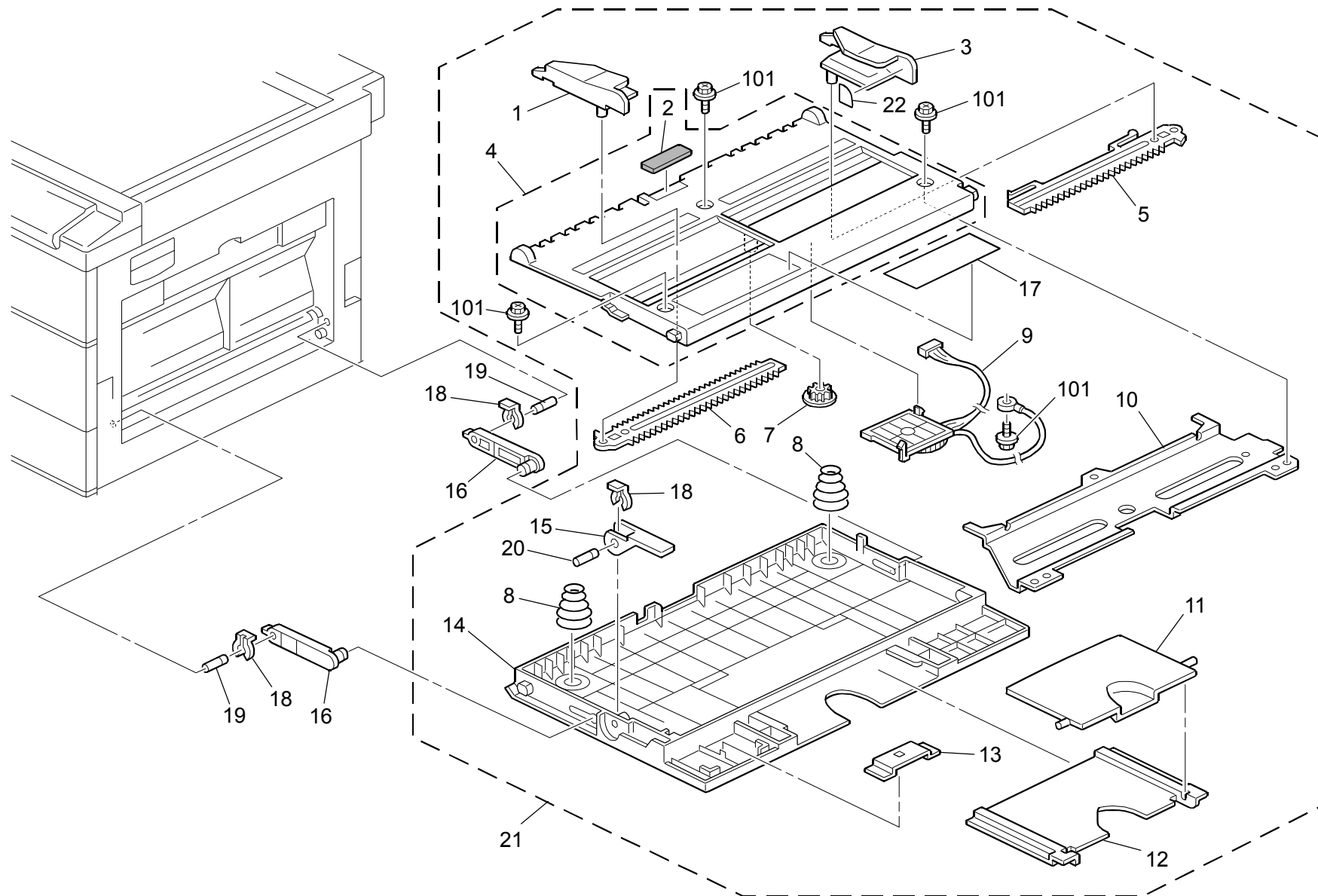


6.Laser Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 1251	Cover:Shield Glass	1
2	B039 1905	Adjusting Plate	1
3	B259 2381	Discharge Lamp - QL	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)

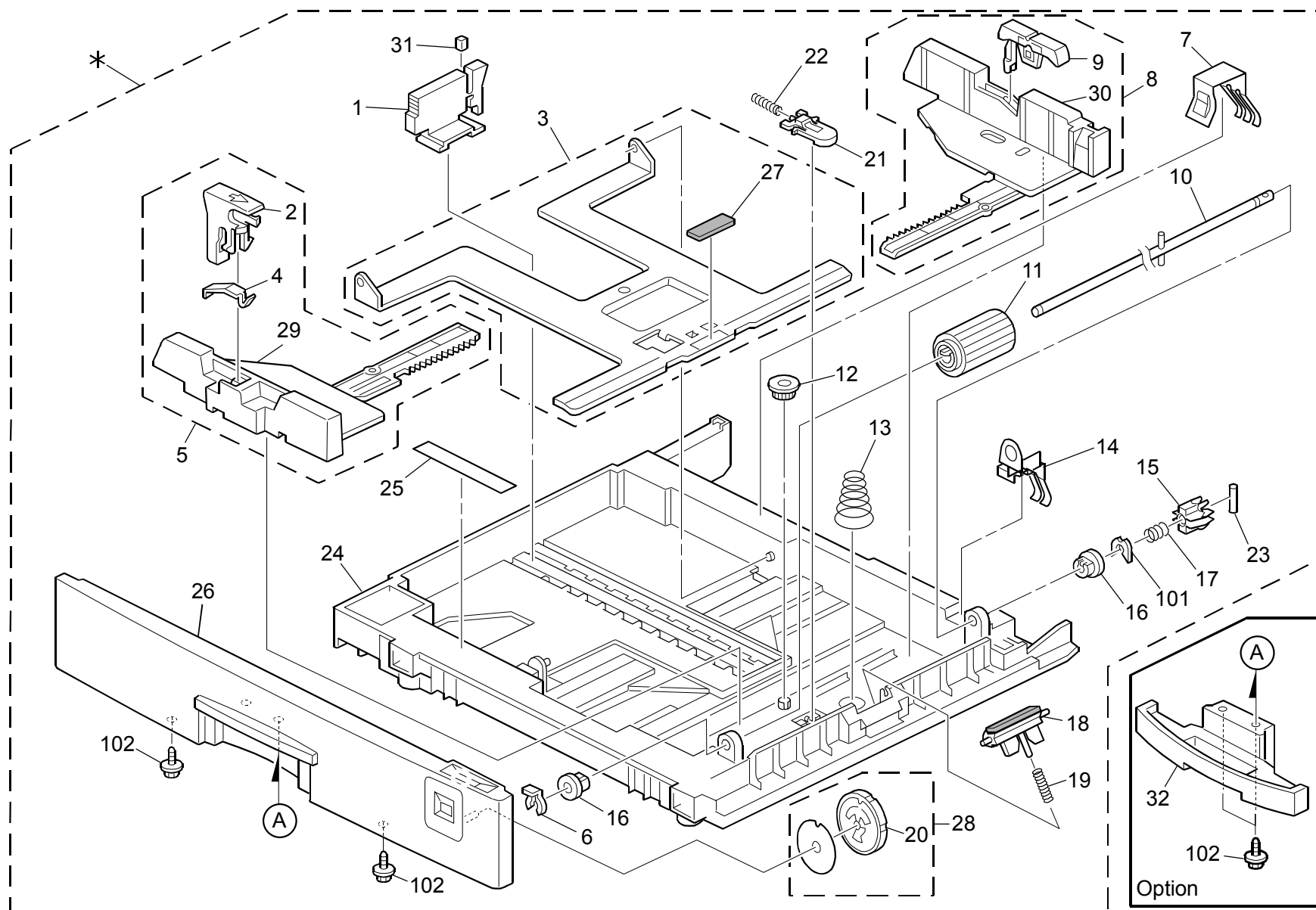


7.By-pass Feed Section (B282/B283)

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	B039 2645	Rotary Switch	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
22	B238 2753	Decal - Side Fence	1

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

8. Paper Cassette (B282/B283)

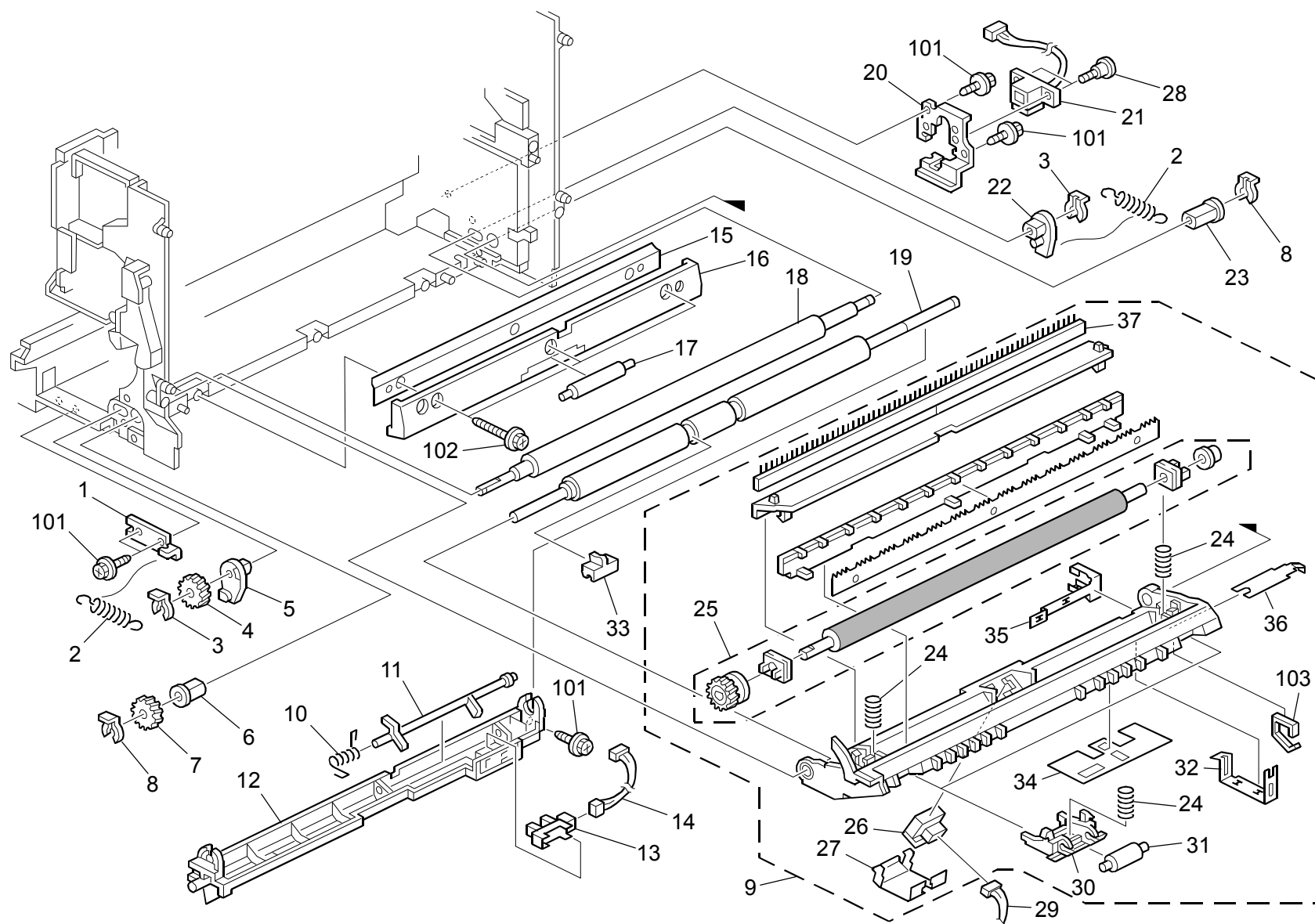


8.Paper Cassette (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B245 2840	Paper Tray:PD-C2:Ass'y	1
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 Registration (B282/B283)

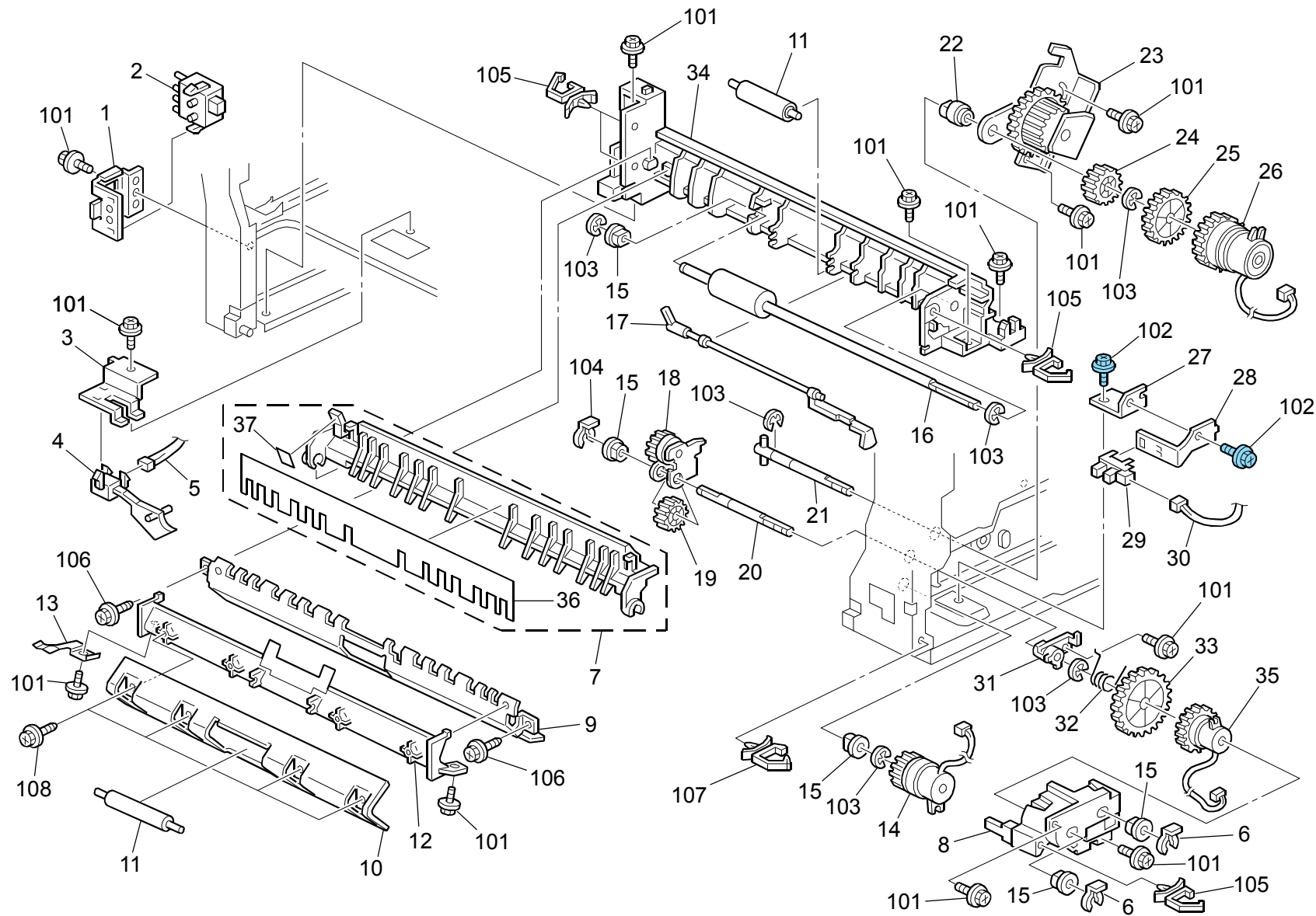


Index No.	Part No.	Description	Q'ty Per Assembly
1	B039 2575	Bracket - Registration Roller	1
2	AA06 2254	Registration Roller Spring	2
3	5447 2681	Snap Ring	2
4	AB01 2312	Gear - 16Z	1
5	AA08 0342	Fornt Bushing-registration Roller	1
6	AA08 0267	Bushing - 8x12x18	1
7	AB01 2311	Gear - 18Z	1
8	AA10 0015	Snap Ring - M6	2
9	B121 3804	Transfer Unit	1
10	AA06 6342	Registration Sensor Spring	1
11	B039 2570	Registration Feeler	1
12	B039 2567	Guide - Right Registration Roller	1
13	GW02 0020	Photointerruptor:LG248NL1	1
14	B121 5202	Harness - Registration Sensor	1
15	B039 2560	Registration Cleaning Mylar	1
16	B039 2572	Guide - Left Registration Roller	1
17	B039 2558	Driven Roller	1
18	B259 2571	Registration Roller Driven - DIA16	1
19	B259 2562	Registration Roller Drive	1
20	B039 1130	Development Sensor Bracket	1
21	B121 5248	Harness - Development Sensor	1
22	AA08 0343	Rear Bushing-registration Roller	1
23	AA08 2110	Bushing - 8x12x22	1
24	AA06 3607	Pressure Spring	4
25	B039 3820	Transfer Roller	1
26	B259 3890	Density Sensor	1
27	B039 3891	ID Sensor Cover	1
28	B259 1131	Screw:PCU	2
29	B121 5206	Harness - Density Sensor	1
30	B039 3866	Pressure Cover	2
31	B039 3867	Roller - Transfer Unit	2
32	B039 3863	Quenching Terminal Plate	1
33	B043 2554	Registration Guide Spacer	1
34	B121 3860	Harness Cover	1
35	B039 3864	Quenching Terminal Plate-front	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	B039 3865	Transfer Terminal Plate	1
37	B120 3862	Front Discharge Brush	1
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3012N	Tapping Screw:3x12	
103	1105 0522	Edge Saddle - LES0510	



10.1st Paper Feed Section (B282/B283)

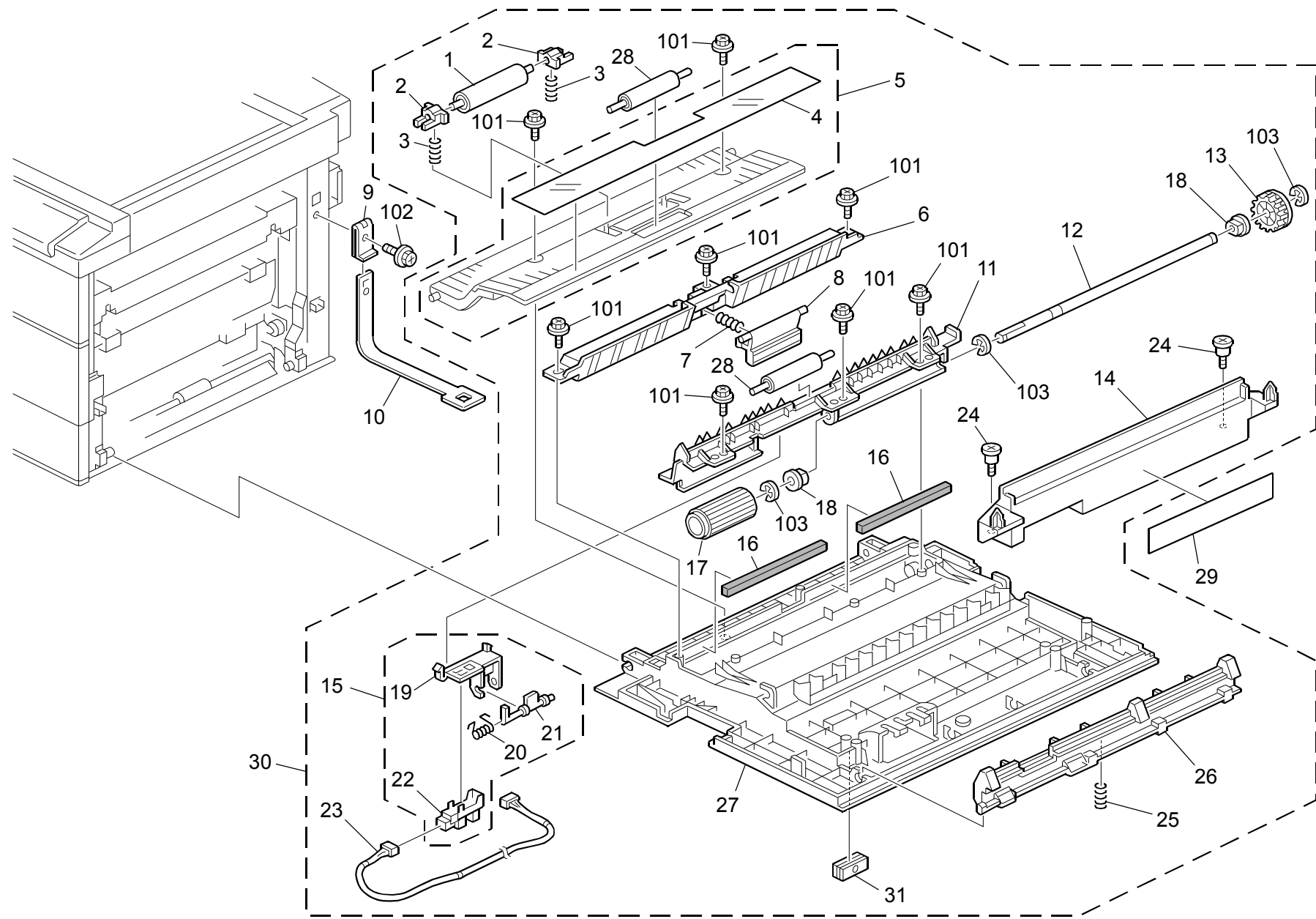


10.1st Paper Feed Section (B282/B283)

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	0457 3006N	Tapping Screw:WP:3x6	

11.Vertical Transport (B283)

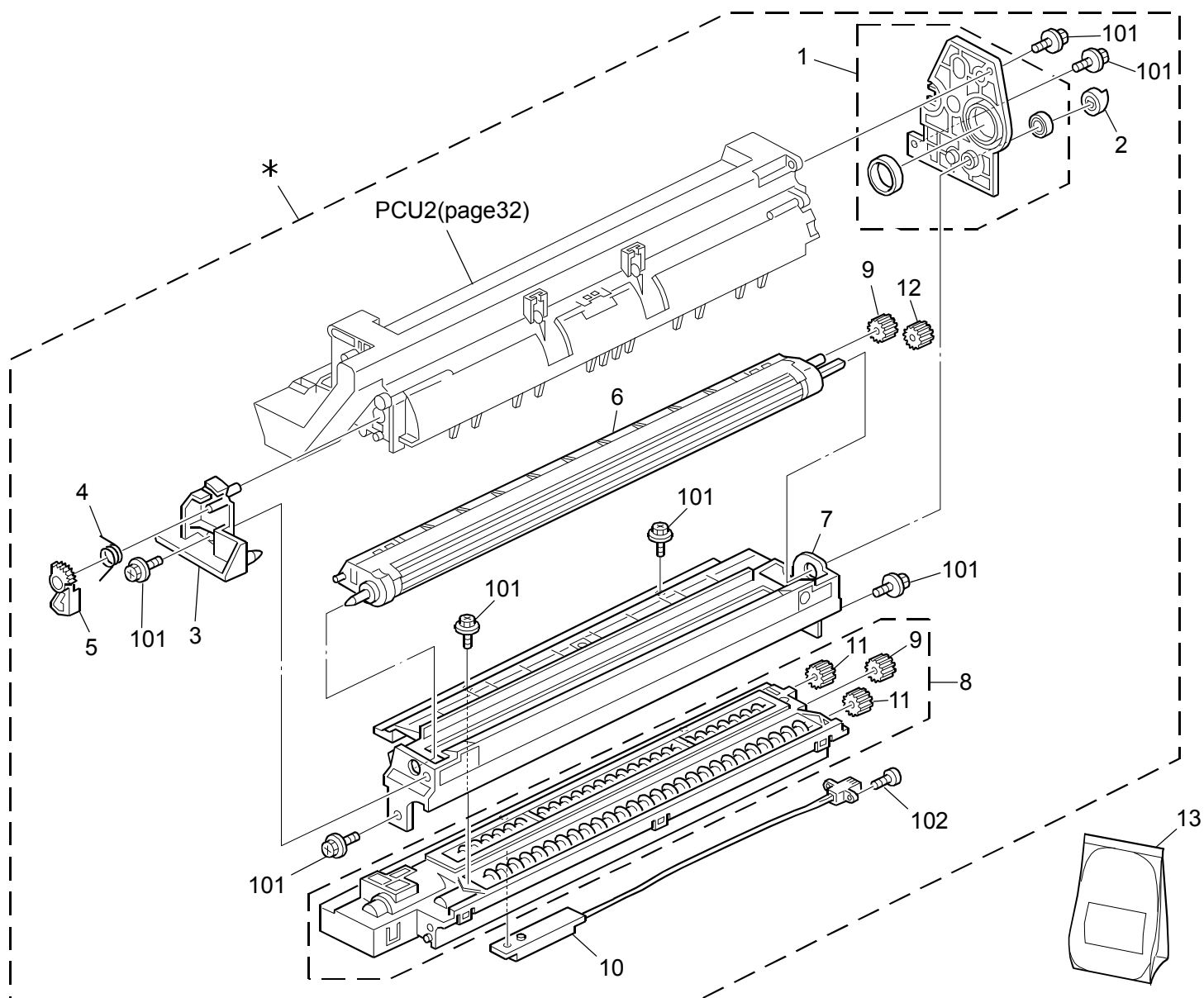


11.Vertical Transport (B283)

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
5	B039 2653	Vertical Transport Guide	1
6	B039 2592	Lower Guide Plate - By-pass Feed	1
7	AA06 3398	Spring - Friction Pad	1
8	B039 2596	Friction Pad	1
9	A232 3962	Spring Plate - Band Stopper	1
10	B039 2660	Band - Right Door	1
11	B039 2594	Upper Guide Plate - By-pass Feed	1
12	B259 2594	Shaft - Feed	1
13	AB01 2313	Gear - 25Z	1
14	B121 4470	Right Lower Exit Guide Plate	1
15	B259 2609	Paper End Sensor:Manual Feed:Ass'y	1
16	B039 2658	Sponge - By-pass Feed	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	1
24	B039 4480	Stepped Screw - M5	2
25	A250 1388	Spring	1
26	B039 2651	Right Door Lever	1
27	B039 2670	Right Door	1
28	B039 2558	Driven Roller	2
29	B039 4488	Jam Removal Decal	1
30	B259 2648	Door:Right:C2B:Ass'y	1
31	AG07 0514	Magnet Catch	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)

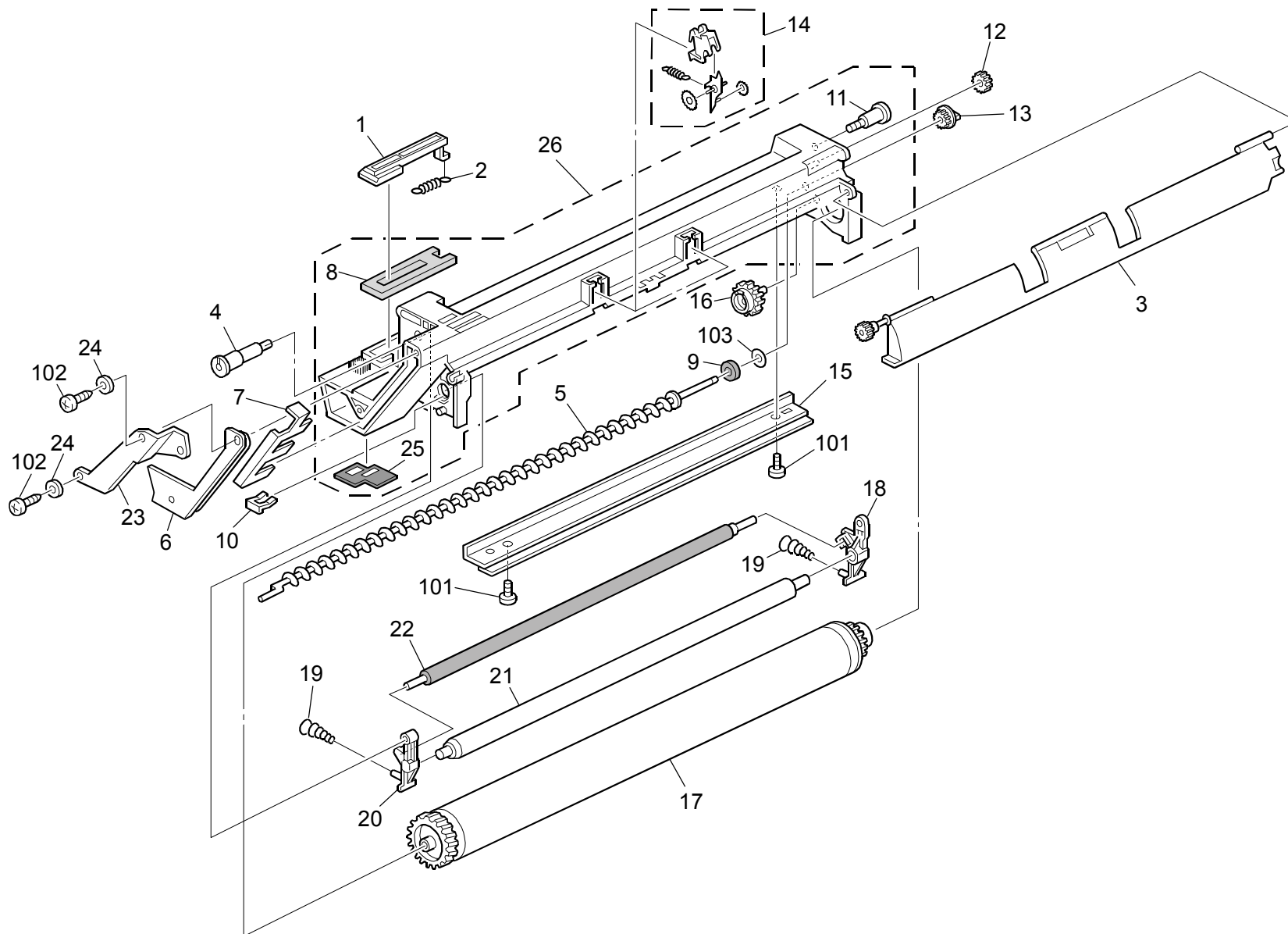


12.PCU 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B282 2210	PCU - Ass'y	1
1	B259 2371	Rear Drum Stay	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

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)

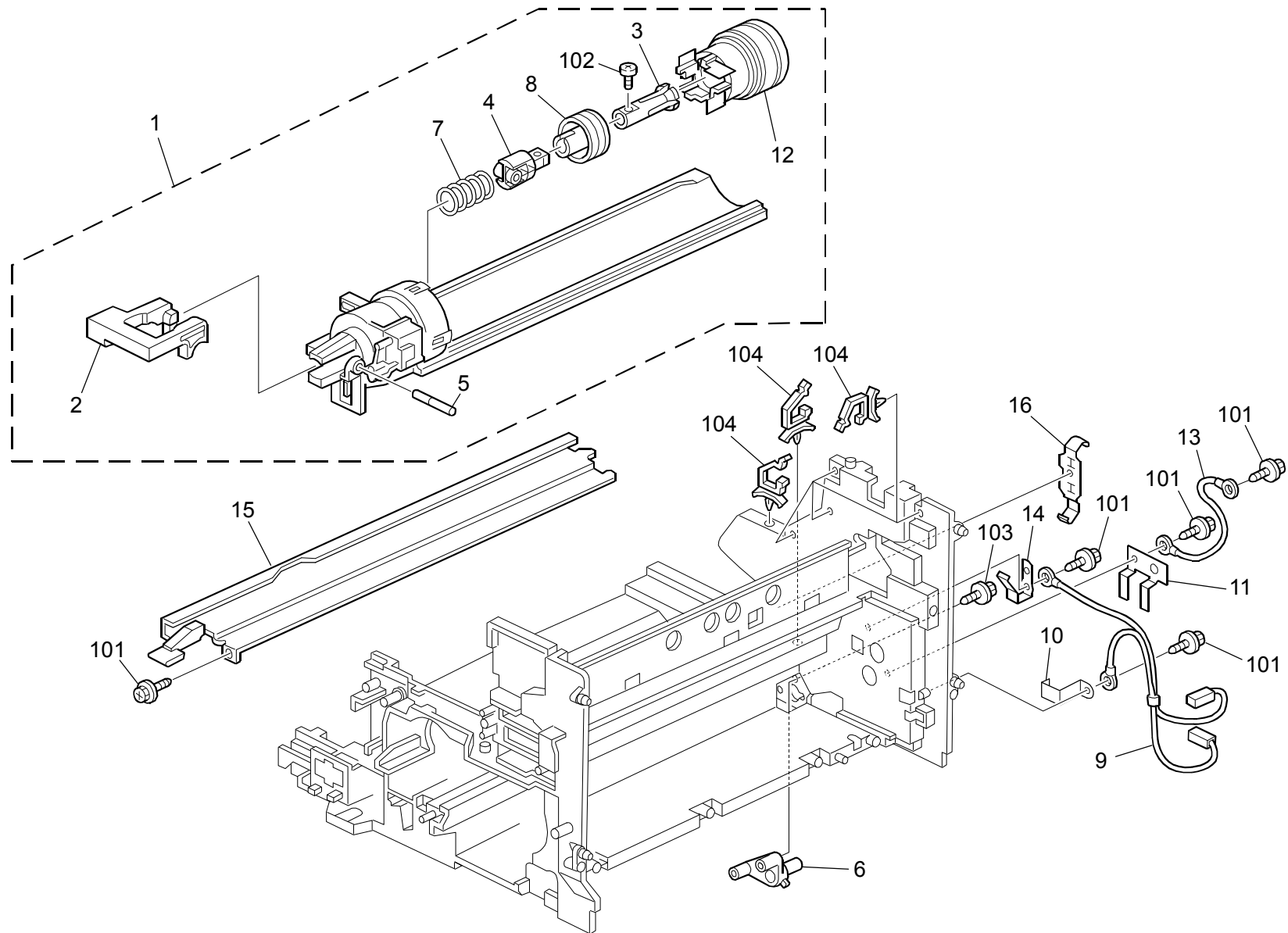


13.PCU 2 (B282/B283)

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)

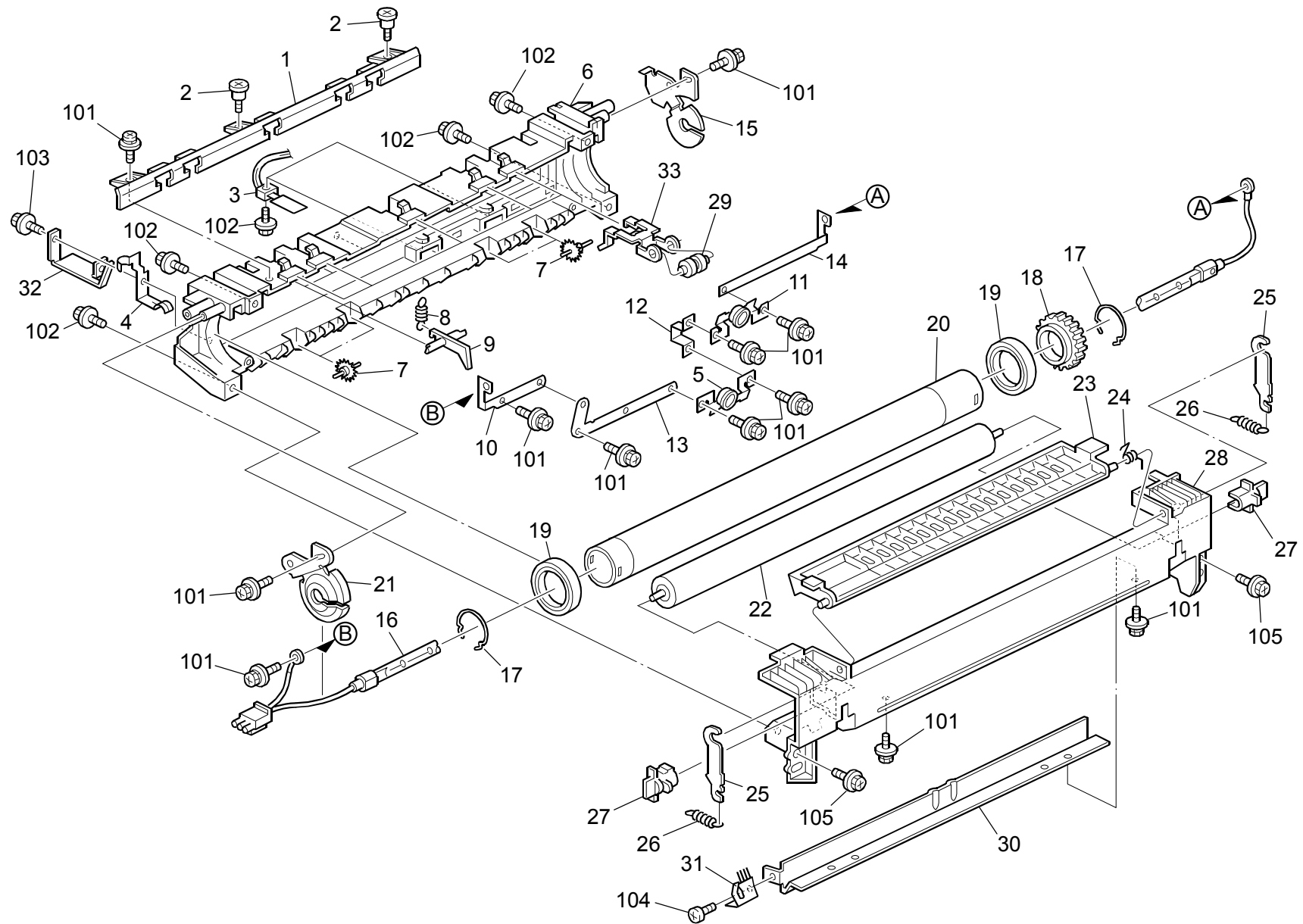


14.Toner Supply Unit (B282/B283)

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)

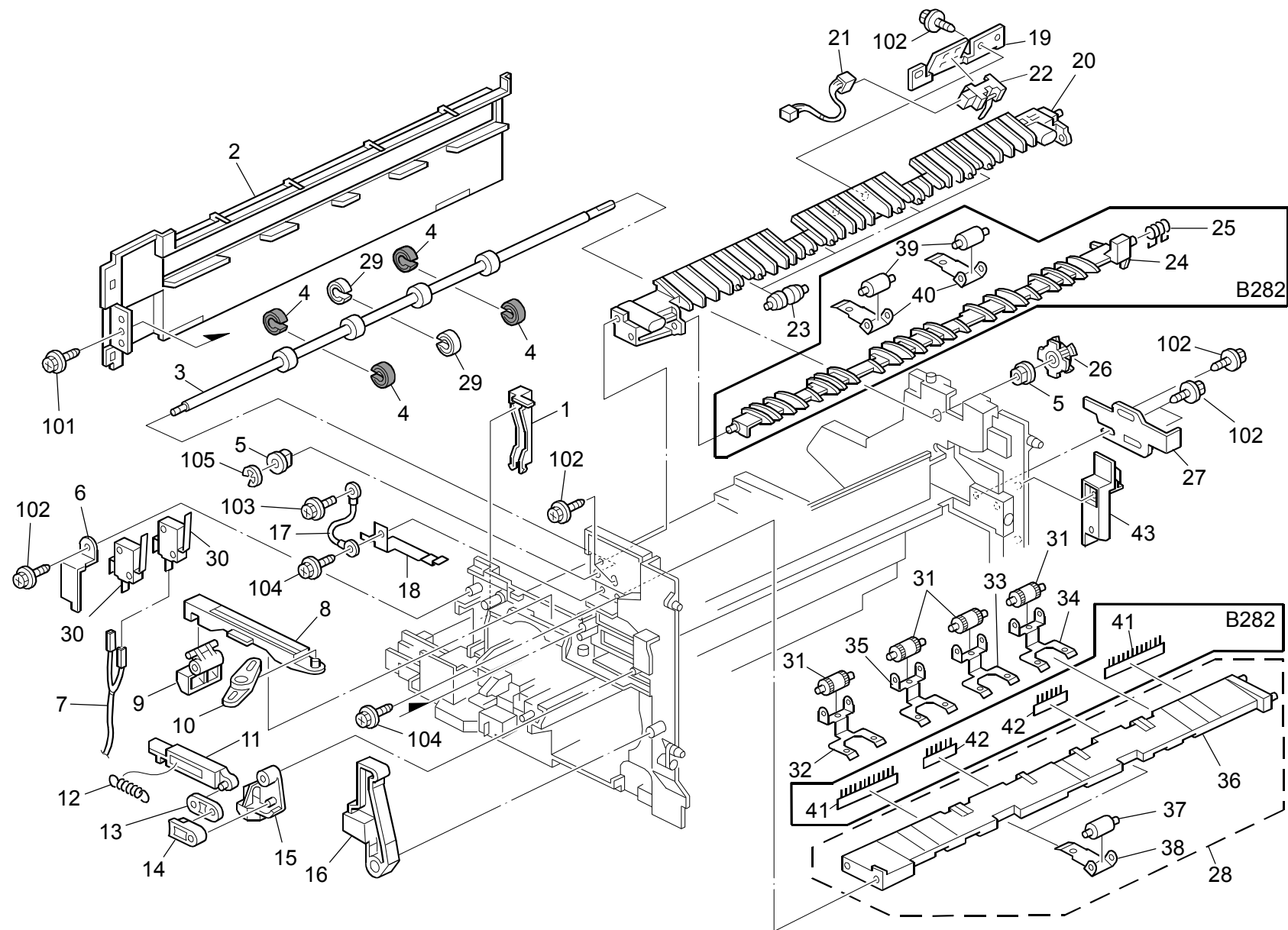


15.Fusing Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B283 4006	Fusing Unit:Panda-C4:Ass'y	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	1
6	B283 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	1
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	B245 4054	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)

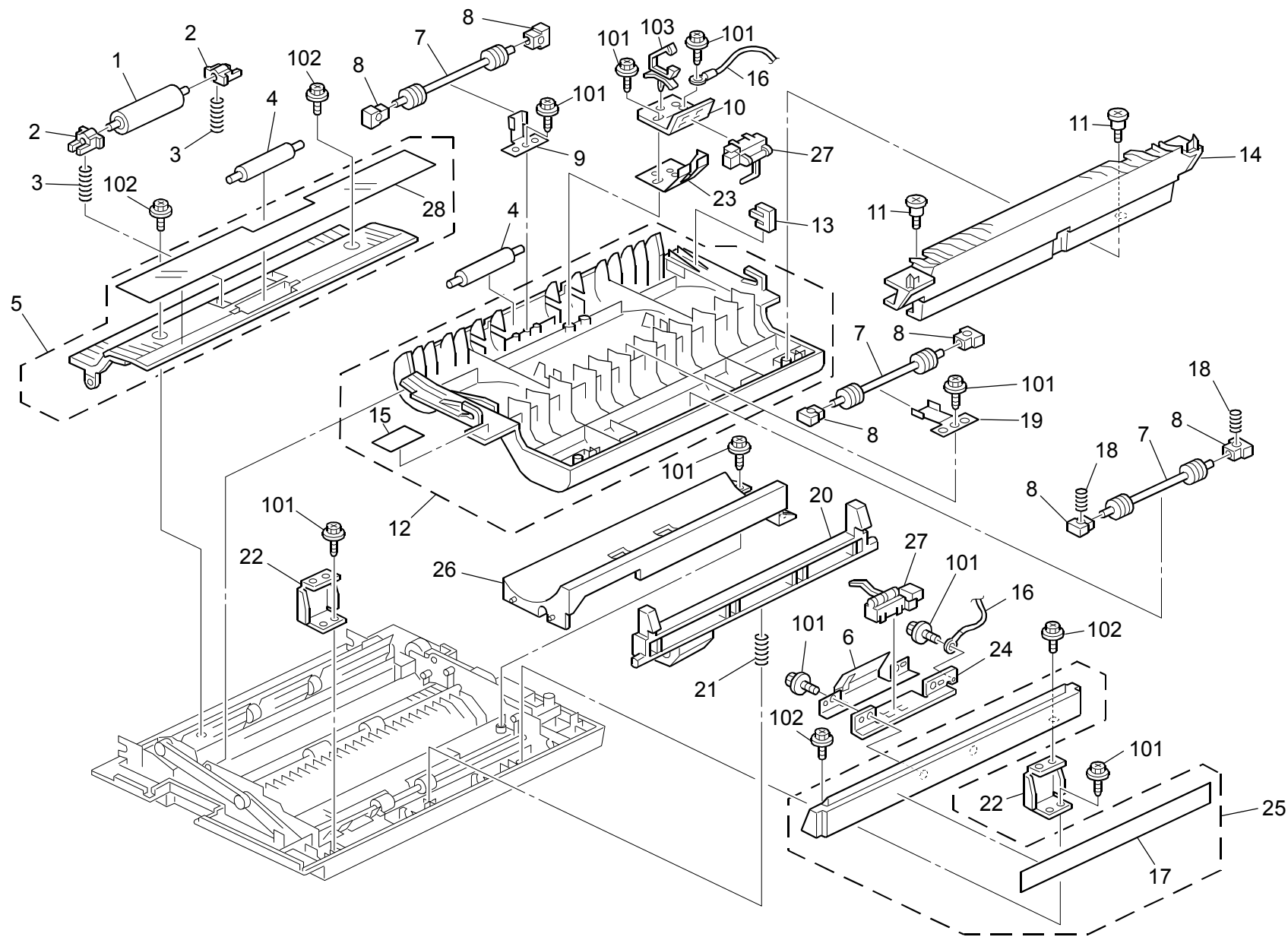


16.Paper Exit Section (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B121 1084	Heater Wire Cover	1
2	B123 1302	Fusing Cover:Paper Exit Sub-unit: Duplex (B282)	1
2	B039 1239	Fusing Cover:Paper Exit Sub-unit: One Side:Sub-Ass'y (B283)	1
3	B259 4471	Exit Roller 2	1
4	B039 4473	Ring:Exit Roller	4
5	B120 2063	Bushing - 4mm	2
6	B039 1082	Door Switch Bracket	1
7	B282 5205	Harness:Door Switch:Front	1
8	B039 1096	Door Switch Lever - 7	1
9	B039 1123	Door Switch Lever - 8	1
10	B039 1095	Door Switch Lever - 6	1
11	B039 1094	Door Switch Lever - 5	1
12	B039 1098	Door Switch Spring	1
13	B039 1093	Door Switch Lever - 4	1
14	B039 1092	Door Switch Lever - 3	1
15	B039 1099	Door Switch Lever - 2	1
16	B039 1090	Door Switch Lever - 1	1
17	B039 4119	Fusing Grounding Harness	1
18	B039 4116	Ground Plate - Fusing Unit	1
19	B121 4503	Exit Photointerruptor Bracket	1
20	B121 4451	Exit Middle Guide Plate	1
21	B121 5238	Harness - Paper Feed Sensor	1
22	G361 5570	Photointerruptor - Duplex	1
23	B043 4979	Exit Roller	4
24	B261 4983	Gate Pawl	1
25	AA06 6641	Gate Pawl Spring	1
26	B039 1163	Pulley - 23Z	1
27	B121 1132	Fusing Drive Release Bracket	1
28	B122 4460	Lower Exit Guide Plate	1
29	B121 4473	Exit Roller Ring MM14	2
30	B268 1085	Switch:LF-105-11	2
31	G052 4873	Outer Exit Cover Roller	4
32	B121 4465	Short Front Outer Holder	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	B121 4469	Long Rear Middle Holder	1
34	B121 4477	Short Rear Outer Holder	1
35	B121 4467	Long Front Middle Holder	1
36	B121 4461	Exit Lower Guide Plate	1
37	G029 4176	Turn Roller - Exit Sub-unit	2
38	B039 4459	Exit Roller Holder - Inner	2
39	G800 4854	Exit Roller	2
40	B123 4508	Middle:Reverse Holder	2
41	B122 4492	Large Exit Discharge Brush	2
42	B122 4493	Small Exit Discharge Brush	2
43	B121 1126	Harness Guide	1
101	0450 4010N	Tapping Screw:M4x10	
102	0450 3008N	Tapping Screw - M3x8	
103	0451 3006N	Tapping Screw - 3x6	
104	0450 3012N	Tapping Screw:3x12	
105	0720 0030E	Retaining Ring - M3	

17.Duplex Unit 1 (B282)

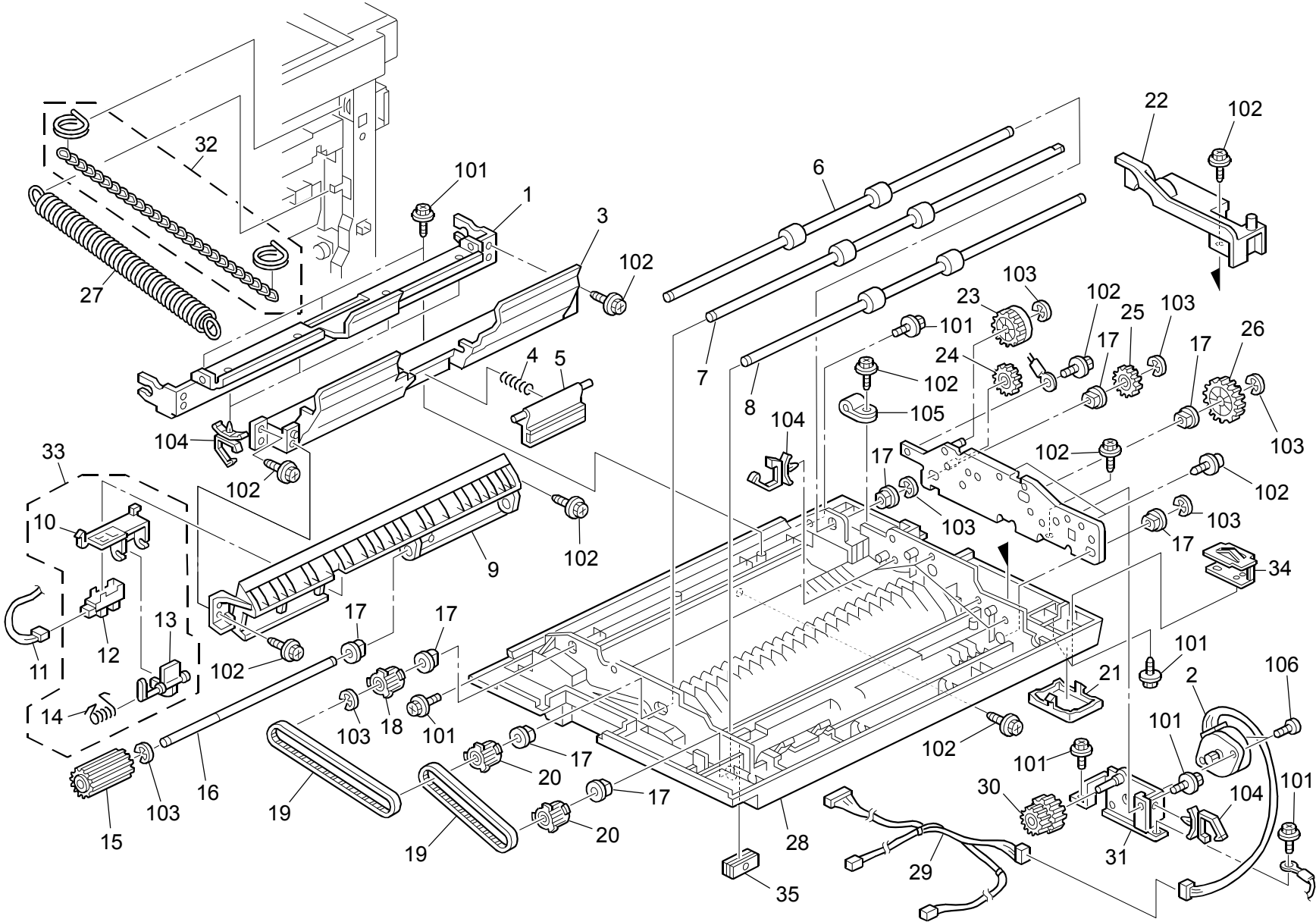


17.Duplex Unit 1 (B282)

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	

18.Duplex Unit 2 (B282)

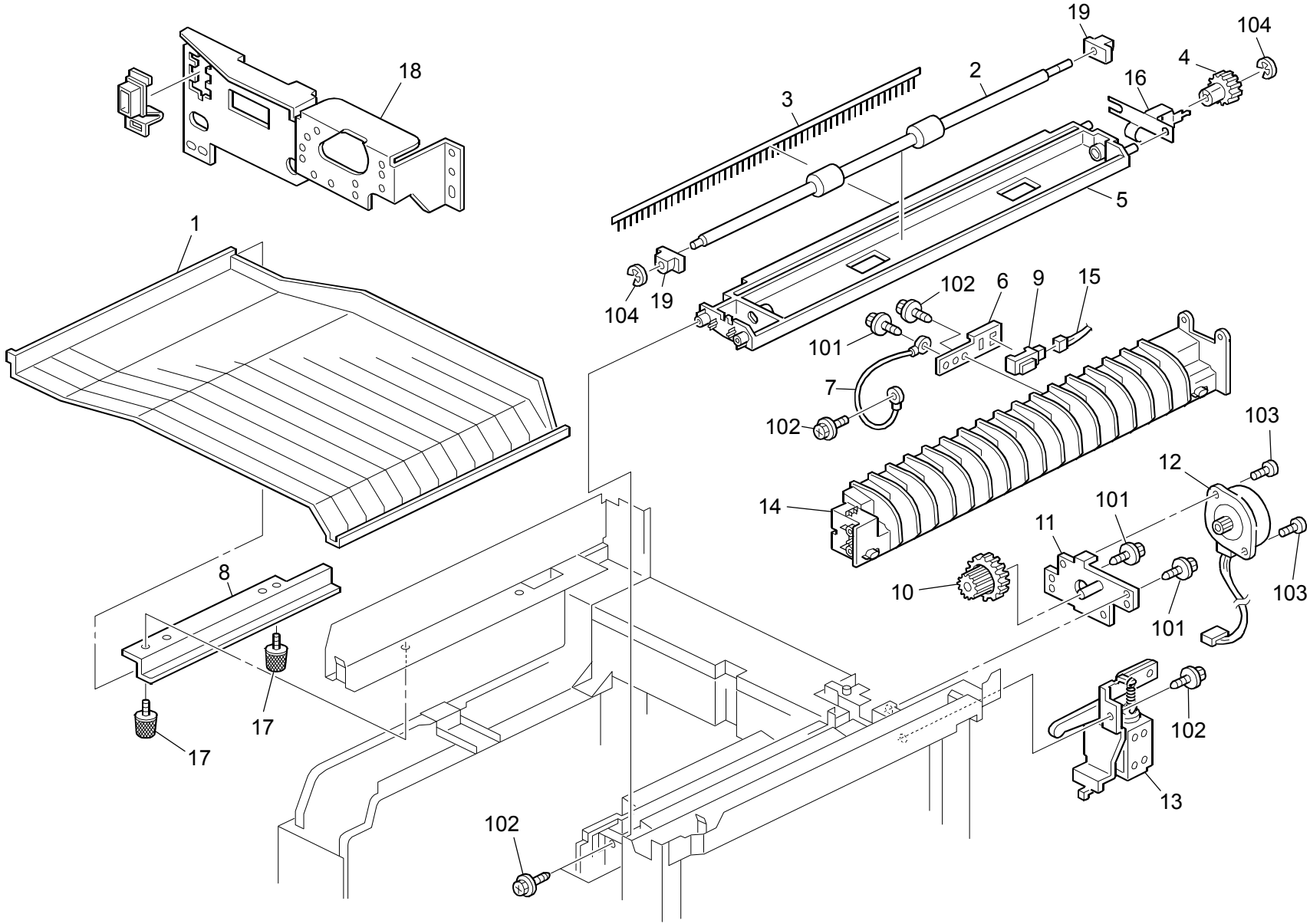


18.Duplex Unit 2 (B282)

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	B123 4693	Duplex Unit Stopper 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)

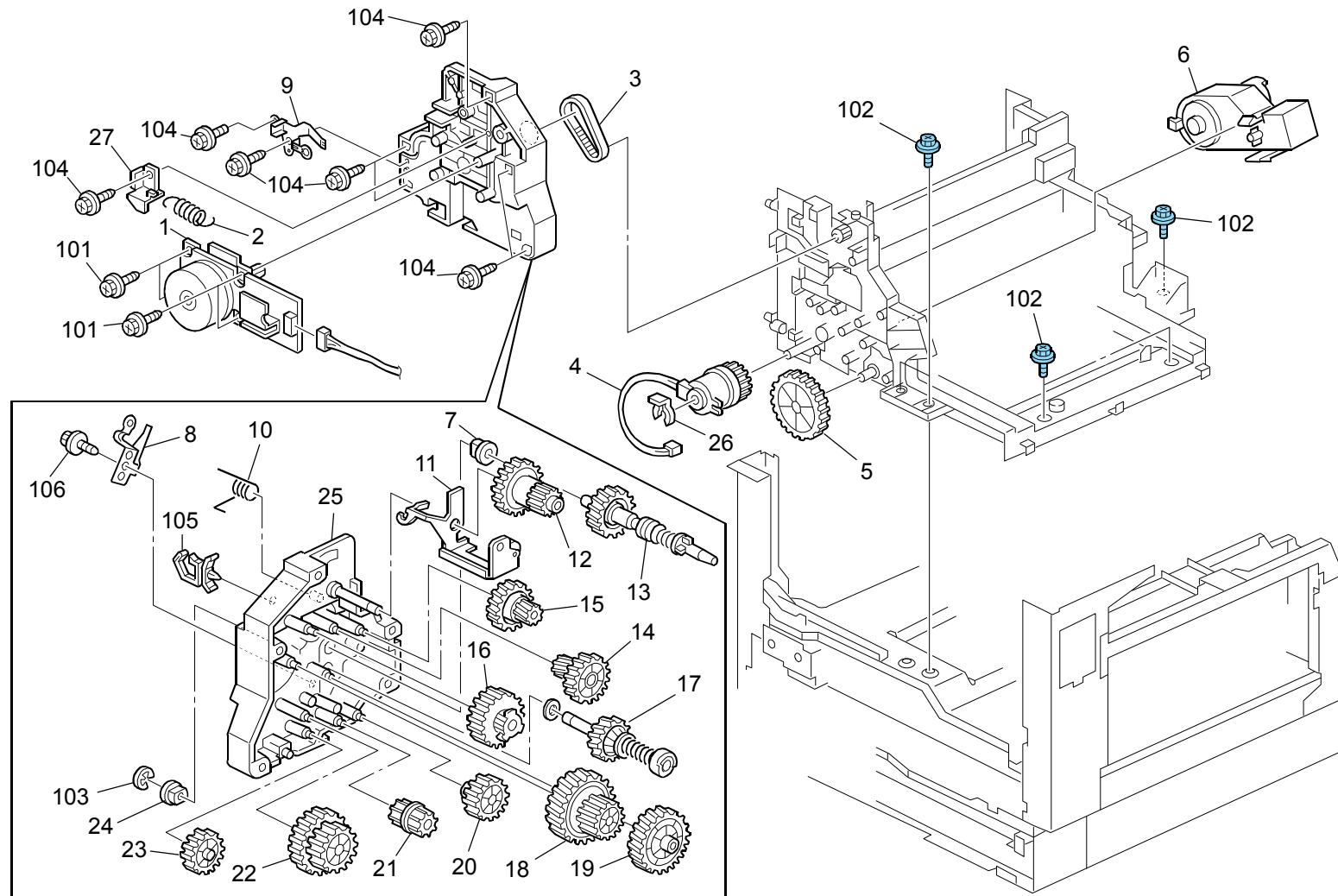


19.Duplex Unit 3 (B282)

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 Reflection 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
19	B282 3383	Bushing:DIA5xDIA10x6	2

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	0720 0040E	Retaining Ring - M4	

20. Drive Section (B282/B283)

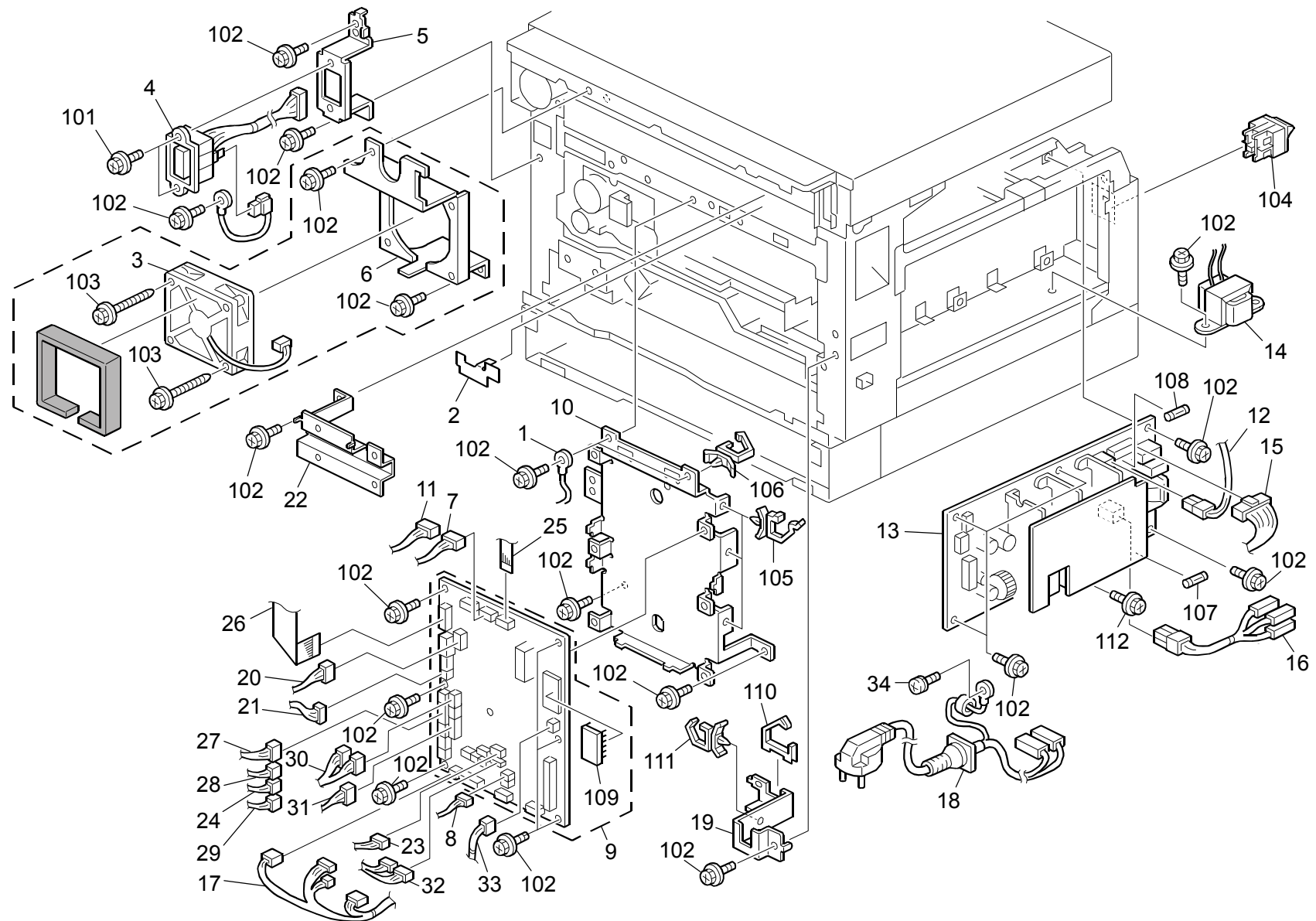


20. Drive Section (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B276 1055	Brushless Motor:24V	1
2	B121 1162	Small Spring	1
3	B039 1164	Timing Belt:S2M:3X226	1
4	B245 1149	Magnetic Clutch:0.5N M:Z39 (RIC)	1
4	B276 1149	Magnetic Clutch:0.5N m:Z39 (GES)	1
5	B039 1170	Gear - 63Z	1
6	B276 3310	DC Motor:Toner Bottle:Kir-C3:Ass'y	1
7	B039 1144	Bushing - 8x16x9	1
8	B282 1135	Electrode Plate:Development:Ass'y	1
9	B282 1128	Ground	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)

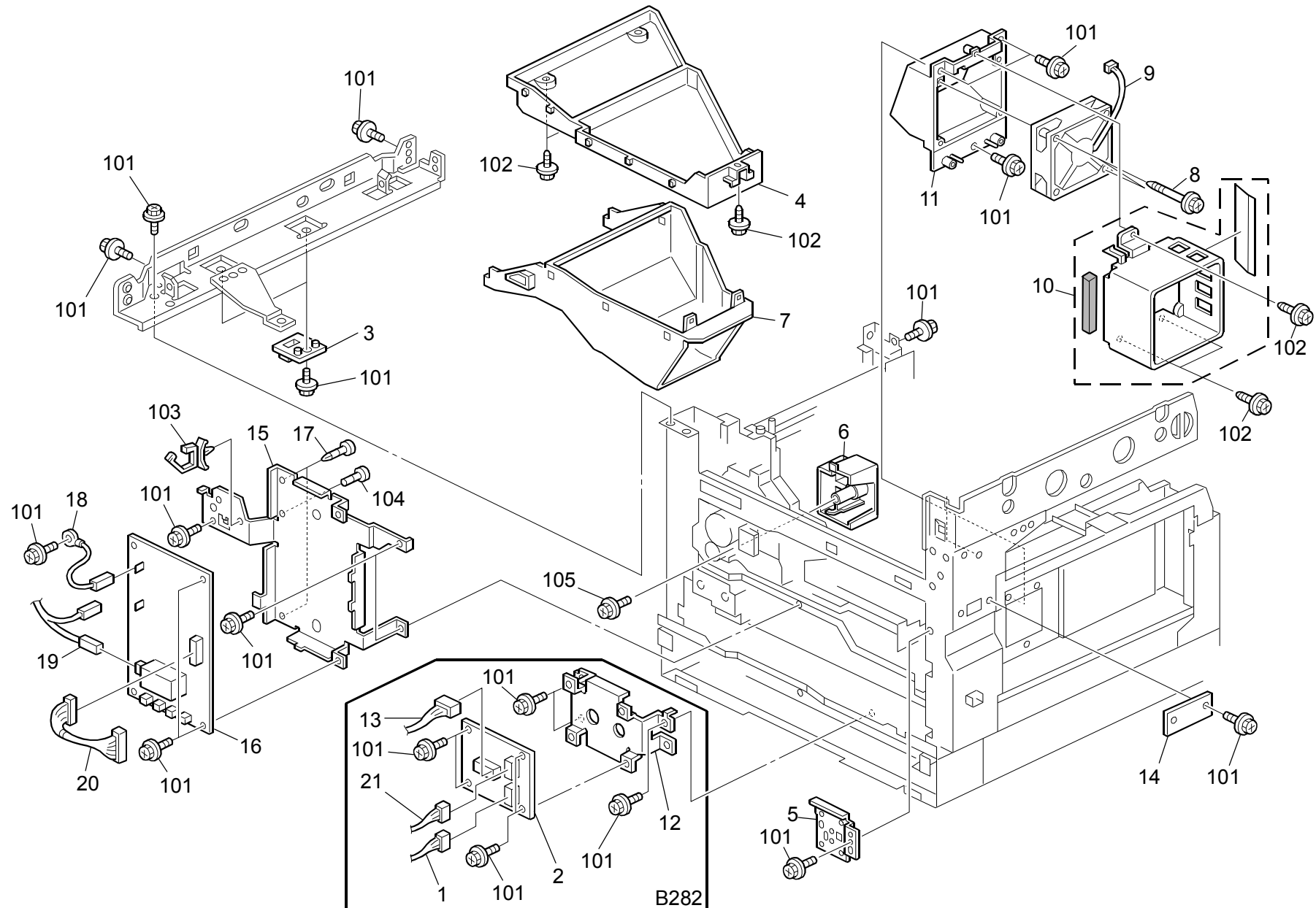


21.Electrical Section 1 (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B122 5208	Ground Wire	1
1	B121 5208	Harness - Ground Wire Scanner (B283)	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 5103	PCB:BICU:GWC4:CHN:Ass'y	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	B259 5034	Harness:Dehumidifier:EXP:Ass'y (B283-67)	1
15	B282 5034	Harness:Dehumidifier:C:EXP:Ass'y (B282-67)	1
15	B243 5228	Harness - AC Dehumidifier EXP (B283)	1
15	B282 5228	Harness:AC:Dehumidifier:EXP (B282)	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
18	B039 5746	Power Supply Cord:Stopper:CHN:Ass'y	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

Index No.	Part No.	Description	Q'ty Per Assembly
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
34	AA14 3592	Screw- M4x6	1
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	
112	0802 5299	Tapping Screw - M3x8	

22.Electrical Section 2 (B282/B283)

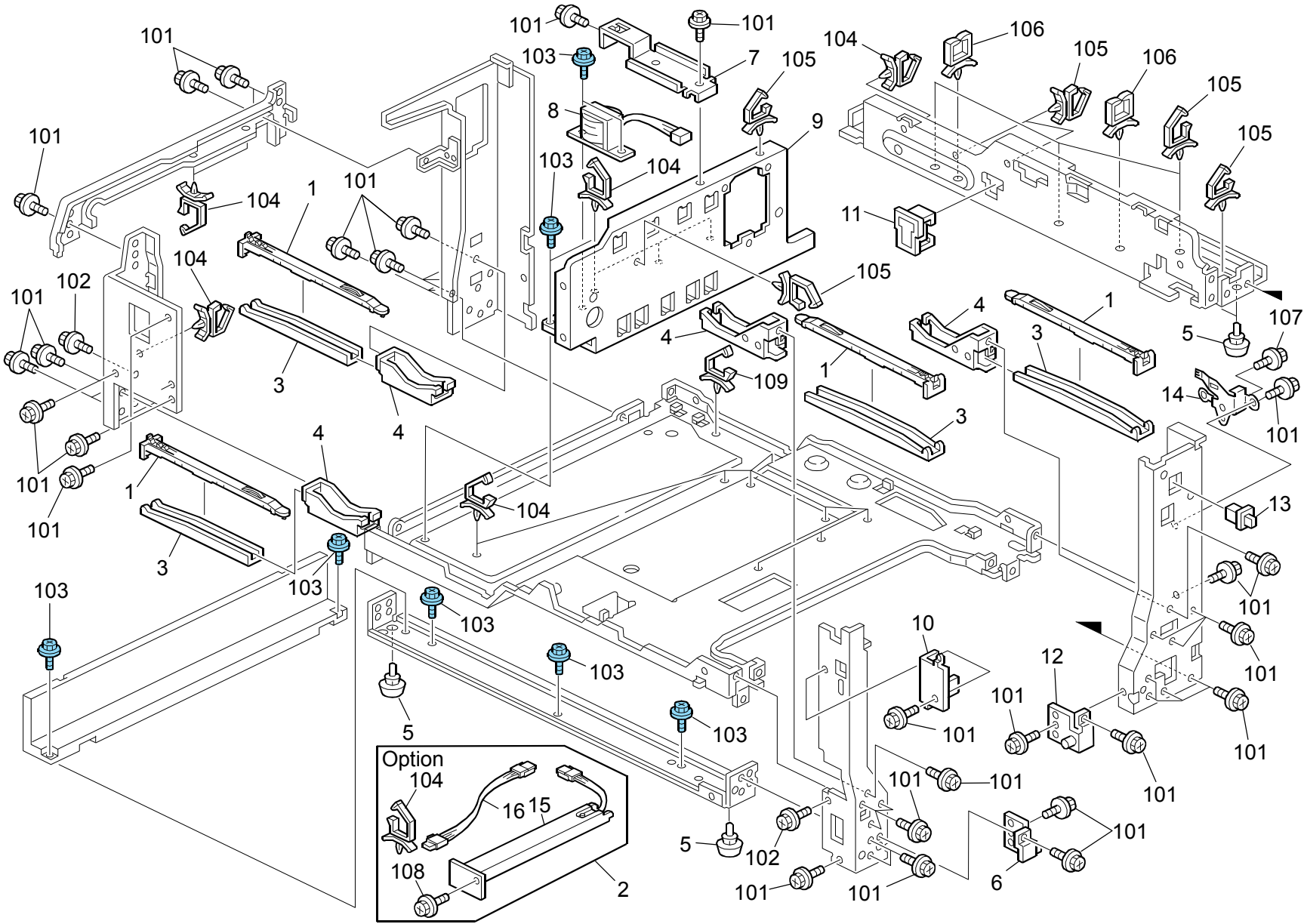


22.Electrical Section 2 (B282/B283)

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	
105	0450 3010N	Tapping Screw - M3x10	

23.Frame Section 1 (B282/B283)

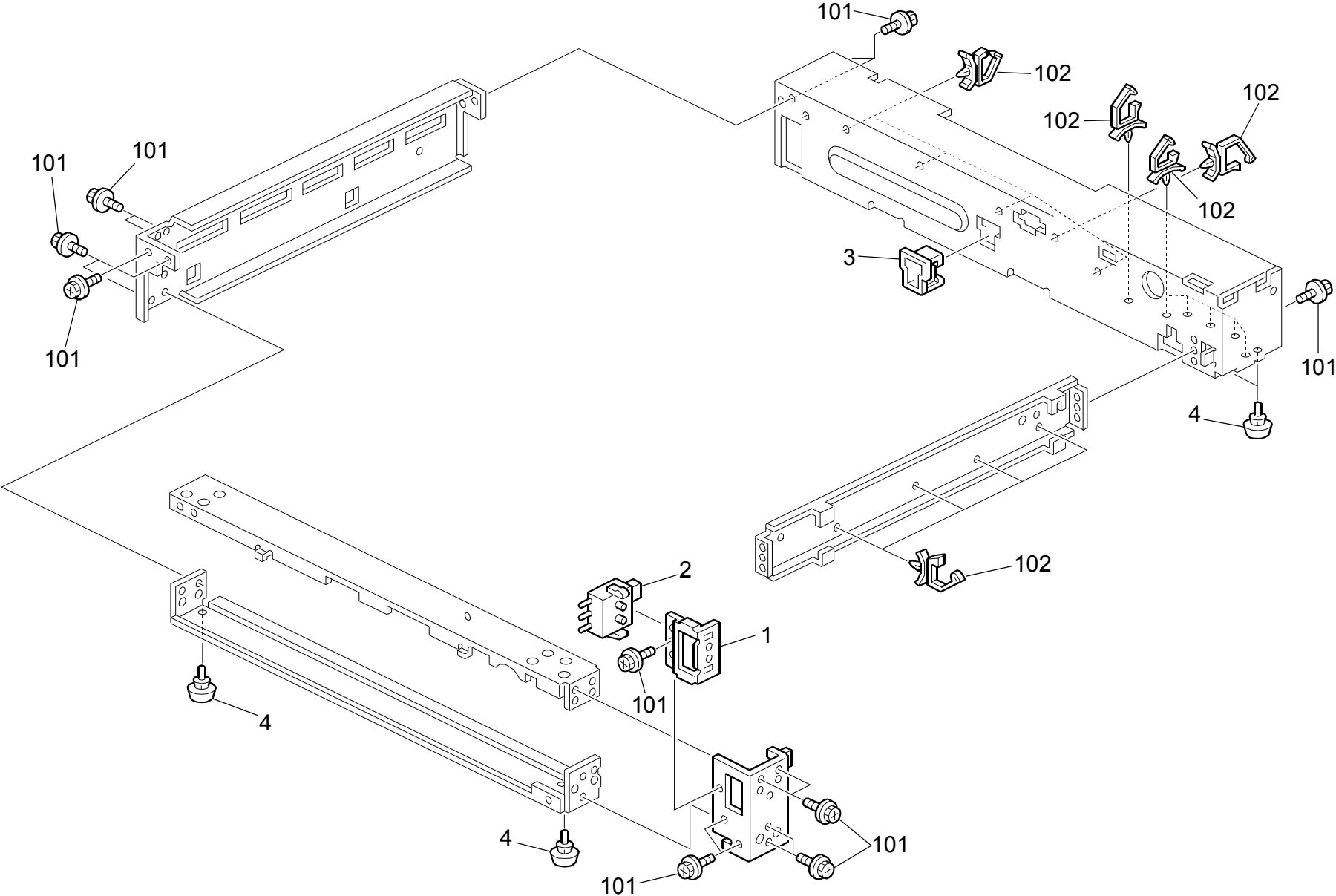


23.Frame Section 1 (B282/B283)

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	B282 1128	Ground Plate:OPC Drum2: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)

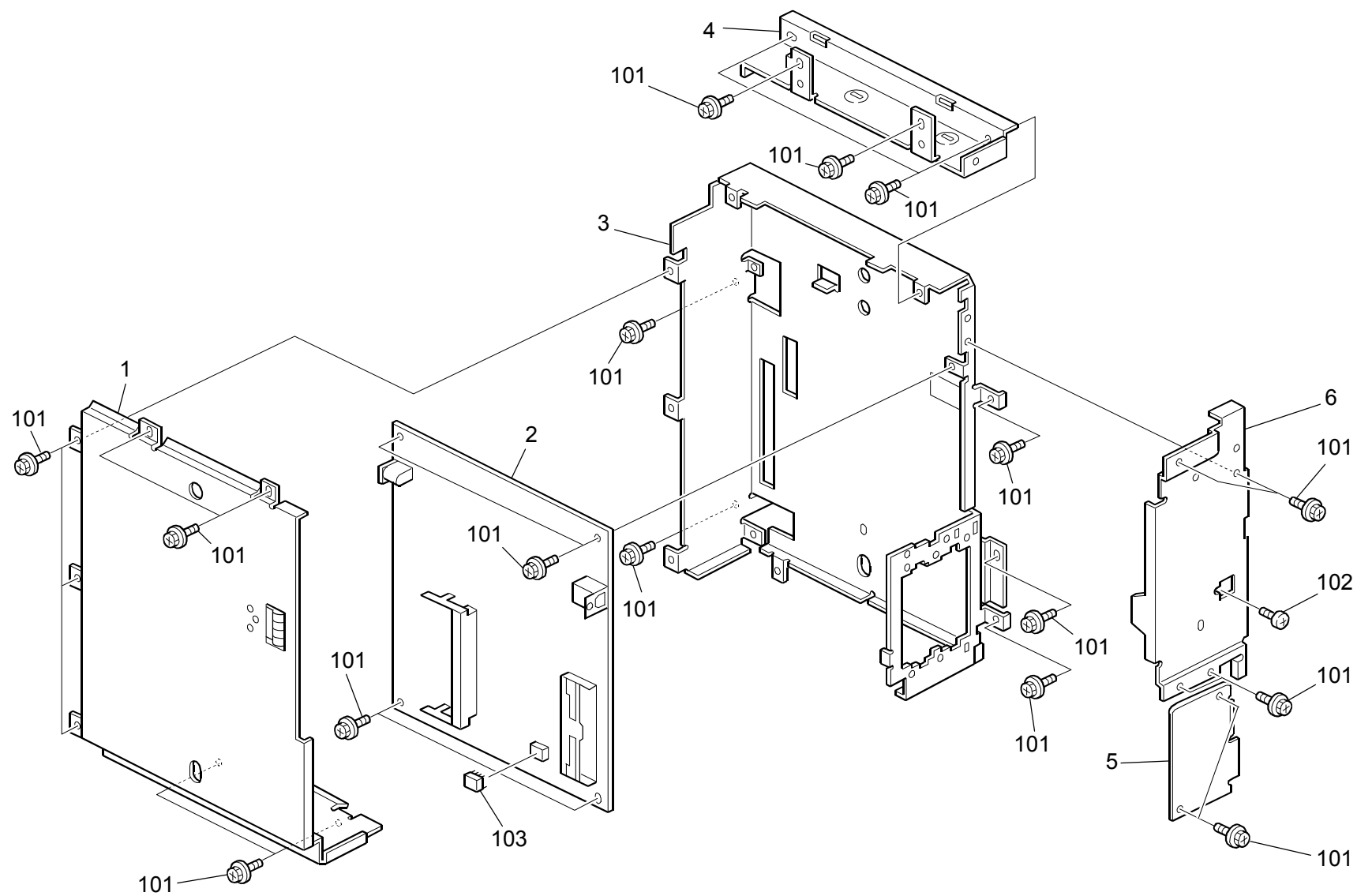


24.Frame Section 2 (B282/B283)

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	
103	0950 3006N	Screw:Spring Washer:M3x6	

25.GDI Unit (B282/B283)

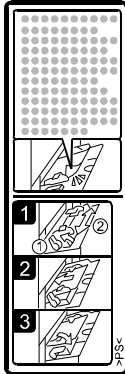
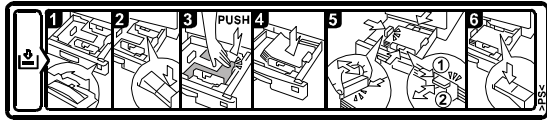
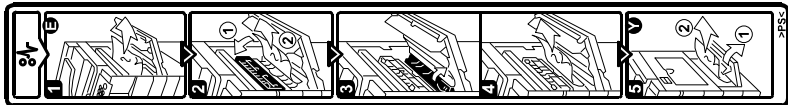
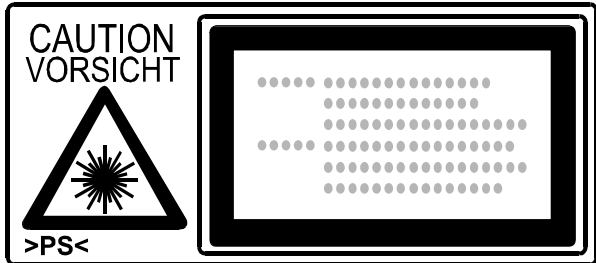
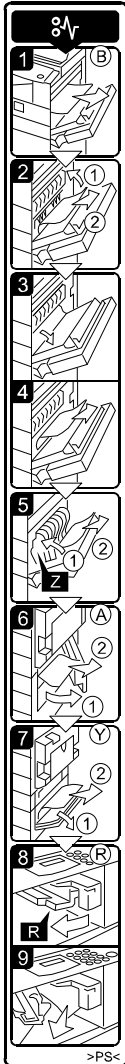


25.GDI Unit (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B843 5880	Cover - Controller Box	1
2	B865 5040	PCB:3.5L:GDI:Ass'y	1
3	B243 5870	PCB Bracket	1
4	B622 5872	Rail Holder	1
5	D109 1313	Cover:CTL:D109	1
6	B268 5874	Cover:Expand:Gdi	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0353 0060N	Bind Screw - M3x6	

26.Decals and Documents (B282/B283)

1	2	3	6
			
5	4		
			
7			
			
			

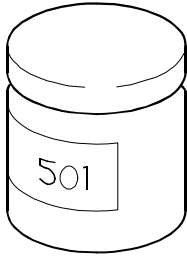
26.Decals and Documents (B282/B283)

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

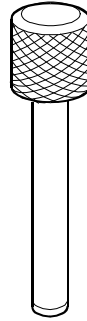
Index No.	Part No.	Description	Q'ty Per Assembly

27.Special Tools (B282/B283)

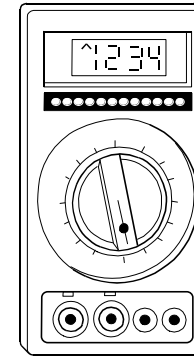
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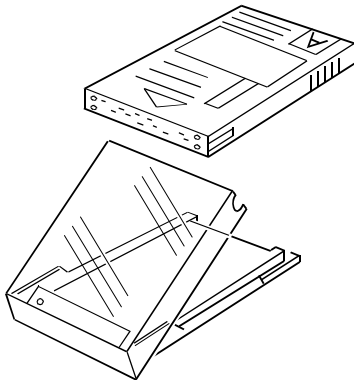
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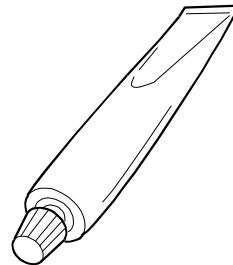
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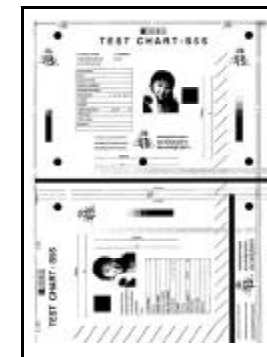
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6



27.Special Tools (B282/B283)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5203 9502	Grease 501	1
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

Part No.	Description	Page and Index No.
B282 0471	Model Name Plate:B28268:GES	9 - 16
B282 1128	Ground	47 - 9
B282 1128	Ground Plate:OPC Drum2:Ass'y	53 - 14
B282 1135	Electrode Plate:Development:Ass'y	47 - 8
B282 1352	Cover:Front:CHN	9 - 12
B282 1417	Operation Sub-unit:Base: Duplex:GW-C3D:Ass'y	11 - 4
B282 1454	Sheet:Operation Sub-unit:Duplex (B282)	11 - 16
B282 1485	PCB:Duplex:GW-C3D	11 - 3
B282 2210	PCU - Ass'y	31 - *
B282 2252	Frame:PCU:Ass'y	33 - 26
B282 2655	Guide:Vertical Transport	41 - 28
B282 3051	Development Roller:Ass'y	31 - 6
B282 3383	Bushing:DIA5xDIA10x6	45 - 19
B282 4662	Guide Plate-Vertical Transport	41 - 5
B282 4710	Stepper Motor:Ass'y	45 - 12
B282 4710	Stepper Motor:Ass'y	43 - 2
B282 5034	Harness:Dehumidifier:C:EXP:Ass'y(B282-67)	49 - 15
B282 5103	PCB:BICU:GWC4:CHN:Ass'y	49 - 9
B282 5201	Harness:Registration Sensor:5V (B282)	27 - 30
B282 5201	Harness:Registration Sensor:5V (B282)	49 - 32
B282 5205	Harness:Door Switch:Front (B282)	49 - 30
B282 5205	Harness:Door Switch:Front	39 - 7
B282 5228	Harness:AC:Dehumidifier:EXP (B282)	49 - 15
B282 5242	Harness:Duplex:Machine or Copier (B282)	51 - 1
B282 5244	Harness:Duplex:Duplex Unit (B282)	51 - 21
B282 5246	Harness:Duplex (B282)	49 - 31
B282 5246	Harness:Duplex (B282)	51 - 13
B282 5841	Bracket:Power Pack:BCT	51 - 15
B282 5851	Bracket:DCU (B282)	51 - 12
B283 0474	Model Name Plate:B283-67:RIC	9 - 16
B283 0479	Model Name Plate:B283-68:GES	9 - 16
B283 1427	Operation Sub-unit:Base:GW-C3:Ass'y	11 - 4
B283 1454	Sheet:Operation Sub-unit:One Side (B283)	11 - 16
B283 1876	Imaging Unit:Ass'y	19 - 21

Part No.	Description	Page and Index No.
B283 1961	Shield Glass:Ass'y	19 - 6
B283 1971	Optical Housing Cover	19 - 12
B283 1981	Decal:LD	71 - 7
B283 1981	Decal:LD	19 - 7
B283 4006	Fusing Unit:Panda-C4:Ass'y	37 - *
B283 4103	Frame:Fusing	37 - 6

Part No.	Description	Page and Index No.
A006 9104	Adjusting Scanner Pin (4pcs/set)	73 - 2
A184 3420	Bottle Chuck	35 - 3
A184 3421	Chuck Shaft	35 - 4
A193 1705	Sheet:Photointerruptor	13 - 5
A232 2374	Spur	37 - 7
A232 3962	Spring Plate - Band Stopper	29 - 9
A250 1388	Spring	29 - 25
A250 1388	Spring	41 - 21
A250 1752	Exposure Glass	13 - 10
A250 1822	Heater - 9W	13 - 7
A250 2808	Stopper Base	23 - 21
A257 9300	Grease - Barrierta S552R	73 - 5
A267 2869	Gear - 16Z	23 - 12
A267 3440	Development Joint	31 - 2
A267 3556	Chuck Spring - Tonner Bottle	35 - 7
A292 9500	Test Chart - S5S (10 pcs/set)	73 - 6
B039 1068	ADF Bracket	13 - 18
B039 1073	Right Door Stopper	51 - 3
B039 1082	Door Switch Bracket	39 - 6
B039 1088	Sheet - Duct	19 - 5
B039 1090	Door Switch Lever - 1	39 - 16
B039 1092	Door Switch Lever - 3	39 - 14
B039 1093	Door Switch Lever - 4	39 - 13
B039 1094	Door Switch Lever - 5	39 - 11
B039 1095	Door Switch Lever - 6	39 - 10
B039 1096	Door Switch Lever - 7	39 - 8
B039 1098	Door Switch Spring	39 - 12
B039 1099	Door Switch Lever - 2	39 - 15
B039 1123	Door Switch Lever - 8	39 - 9
B039 1130	Development Sensor Bracket	25 - 20
B039 1141	Shaft - Paper Feed Frame	35 - 6
B039 1142	Housing - Paper Feed	27 - 8
B039 1144	Bushing - 8x16x9	47 - 7
B039 1145	Coupled Gear - 34/63Z (01)	47 - 14
B039 1146	Coupled Gear - 32/71Z (04)	47 - 15

Part No.	Description	Page and Index No.
B039 1148	Drum Shaft (02)	47 - 13
B039 1154	Coupled Gear - 37/97Z (05)	47 - 18
B039 1155	Gear/pulley - 61/34Z (11)	47 - 16
B039 1156	Coupled Gear - 20/49Z (12)	47 - 12
B039 1163	Pulley - 23Z	39 - 26
B039 1164	Timing Belt:S2M:3X226	47 - 3
B039 1165	Coupled Gear - 49/59/38Z (08)	47 - 22
B039 1166	Gear - 37Z (07)	47 - 23
B039 1167	Gear - 22Z (09)	47 - 21
B039 1168	Gear - 32Z (10)	47 - 20
B039 1170	Gear - 63Z	47 - 5
B039 1173	Gear - 78Z (06)	47 - 19
B039 1186	Gear - 46Z	27 - 25
B039 1187	Gear - 30Z	27 - 24
B039 1191	Gear - 19Z	27 - 19
B039 1193	Bushing - By-pass Feed	27 - 31
B039 1199	Spring - By-pass Feed	27 - 32
B039 1239	Fusing Cover:Paper Exit Sub-unit: One Side:Sub-Ass'y (B283)	39 - 2
B039 1333	Rear Scanner Cover	9 - 4
B039 1339	Cover - Front Right Upper (B283)	9 - 11
B039 1347	Right Rear Cover (B283)	9 - 10
B039 1361	Magnet Catch	9 - 14
B039 1364	Rivet - M7	9 - 20
B039 1365	Sheet - Operation Instructions	9 - 18
B039 1367	Rivet - M6	9 - 19
B039 1469	Ground Plate	11 - 7
B039 1649	Timing Belt:S1.411M:1058	17 - 7
B039 1658	Rear Scale Bracket	13 - 16
B039 1662	Front Scanner Frame	17 - 2
B039 1663	Rear Scanner Frame	17 - 1
B039 1666	Bracket - Operation Panel	13 - 12
B039 1668	Bracket - Stabilizer Harness	17 - 13
B039 1683	Tension Spring - Stepper Motor	17 - 17
B039 1692	Pulley - 37Z	17 - 12

Part No.	Description	Page and Index No.
B039 1694	Pulley - 37/41Z	17 - 10
B039 1695	Flange - Pulley	17 - 9
B039 1699	Stepper Motor:MM42:2.9W	17 - 15
B039 1703	Pulley - 37Z	17 - 3
B039 1704	Spring - Timing Pulley	17 - 5
B039 1705	Bracket:Idler	17 - 4
B039 1710	Left Scanner Bracket	13 - 3
B039 1712	Right Scanner Bracket	13 - 14
B039 1758	Timing Belt Holder - Front	15 - 11
B039 1759	Timing Belt Holder - Rear	15 - 13
B039 1781	2nd Mirror Holder	15 - 2
B039 1784	Scanner Drive Belt	15 - 6
B039 1785	Scanner Drive Pulley	15 - 3
B039 1790	Tension Spring	15 - 8
B039 1796	Mirror:No.2:Ass'y	15 - 1
B039 1905	Adjusting Plate	19 - 2
B039 1942	Cylindrical Lens Holder	19 - 10
B039 1953	2nd Mirror Holder	19 - 18
B039 1954	Holder - Sync Detector Mirror	19 - 11
B039 2265	Shield:Frame:Lower	33 - 25
B039 2272	Recycled Toner Coil	33 - 5
B039 2274	Recycled Toner Plate	33 - 7
B039 2276	Rear Bushing - Toner Coil	33 - 9
B039 2287	Charge Roller Spring	33 - 19
B039 2288	Cam - Cleaning Blade	33 - 16
B039 2292	Front Pressure Arm - Charge Roller	33 - 20
B039 2293	Pin - Front Pressure Arm	33 - 4
B039 2295	Rear Pressure Arm - Charge Roller	33 - 18
B039 2312	Shutter Spring	33 - 2
B039 2321	Front PCU Cover	33 - 6
B039 2329	Spacer - M3	33 - 24
B039 2335	Pickoff Pawl	33 - 14
B039 2343	Drum Shutter	33 - 3
B039 2350	Clip - OPC Drum	33 - 10
B039 2361	Front Side Plate - Drum	31 - 3

Part No.	Description	Page and Index No.
B039 2362	Drum Shutter Gear	31 - 5
B039 2367	Drum Shutter Spring	31 - 4
B039 2382	Quenching Lamp Terminal	35 - 14
B039 2558	Driven Roller	41 - 4
B039 2558	Driven Roller	29 - 28
B039 2558	Driven Roller	25 - 17
B039 2558	Driven Roller	27 - 11
B039 2560	Registration Cleaning Mylar	25 - 15
B039 2567	Guide - Right Registration Roller	25 - 12
B039 2570	Registration Feeler	25 - 11
B039 2572	Guide - Left Registration Roller	25 - 16
B039 2575	Bracket - Registration Roller	25 - 1
B039 2578	Grounding Plate	35 - 11
B039 2583	Vertical Transport Feeler	27 - 17
B039 2585	Exit Guide Plate	27 - 7
B039 2587	Mylar - Exit Guide Plate	27 - 36
B039 2592	Lower Guide Plate - By-pass Feed	29 - 6
B039 2594	Upper Guide Plate - By-pass Feed	29 - 11
B039 2596	Friction Pad	29 - 8
B039 2610	Bracket - Paper End Sensor	29 - 19
B039 2610	Bracket - Paper End Sensor	43 - 10
B039 2611	Feeler - Paper End Sensor	43 - 13
B039 2611	Feeler - Paper End Sensor	29 - 21
B039 2619	By-pass Feed Table	21 - 14
B039 2620	Paper Guide - Extension	21 - 11
B039 2621	Paper Guide	21 - 12
B039 2628	Bottom Plate Pad	21 - 2
B039 2629	Stay - Tray Bottom Plate	21 - 10
B039 2630	Tray Bottom Plate	21 - 4
B039 2631	Front Side Fence	21 - 1
B039 2632	Rear Side Fence	21 - 3
B039 2633	Decal - By-pass Feed	71 - 1
B039 2633	Decal - By-pass Feed	21 - 17
B039 2637	Rack - Front Side Fence	21 - 6
B039 2638	Rack - Rear Side Fence	21 - 5

Part No.	Description	Page and Index No.
B039 2643	Link - By-pass Feed Table	21 - 16
B039 2645	Rotary Switch	21 - 9
B039 2651	Right Door Lever	29 - 26
B039 2653	Vertical Transport Guide	29 - 5
B039 2658	Sponge - By-pass Feed	29 - 16
B039 2660	Band - Right Door	29 - 10
B039 2670	Right Door	29 - 27
B039 2701	Tray Bottom Plate	23 - 3
B039 2704	Front Stopper Lever	23 - 2
B039 2705	Rear Side Fence	23 - 30
B039 2706	Front Side Fence	23 - 29
B039 2707	Spring Plate - Side Fence	23 - 4
B039 2711	Friction Pad	23 - 18
B039 2712	Ground Plate - Tray Bottom Plate	23 - 7
B039 2713	Spring - Friction Pad	23 - 19
B039 2721	Decal - Cassette Operation	71 - 2
B039 2721	Decal - Cassette Operation	23 - 25
B039 2727	Bushing - 8x12x10	23 - 16
B039 2730	Paper End Sensor	27 - 4
B039 2731	Side Fence - Rear	23 - 8
B039 2732	Spring - Paper Feed Roller	23 - 17
B039 2734	Side Fence - Front	23 - 5
B039 2736	Bracket - Paper End Sensor	27 - 3
B039 2739	Shaft - Joint	23 - 23
B039 2740	Paper Feed Roller	23 - 11
B039 2742	Ground Plate - Paper Feed Roller	23 - 14
B039 2754	Bracket - Paper Size Sensor	27 - 1
B039 2754	Bracket - Paper Size Sensor	55 - 1
B039 2766	Guide Plate - Transport Roller	27 - 9
B039 2778	Paper Size Detector - A4	23 - 28
B039 2783	Tray Heater	53 - 15
B039 2795	Guide Plate - Transport	27 - 12
B039 2797	Guide Plate - Transport Roller	27 - 10
B039 2812	Upper Bracket - Relay Sensor	27 - 28
B039 2813	Lower Bracket - Relay Sensor	27 - 27

Part No.	Description	Page and Index No.
B039 2821	Rear Stopper Lever	23 - 9
B039 2823	Joint - Paper Feed Roller	23 - 15
B039 2825	Ground Plate - Vertical Transport	27 - 13
B039 2827	Paper Size Sensor Board	23 - 20
B039 2830	Right Rail	27 - 34
B039 2834	Decal - Exit Paper Feed	71 - 3
B039 2834	Decal - Exit Paper Feed	27 - 37
B039 3060	Development Roller Gear	31 - 12
B039 3062	Idler Gear - 16Z	31 - 9
B039 3159	Case:Development Roller:Ass'y	31 - 7
B039 3245	Gear - 15Z	31 - 11
B039 3360	Cam - Handle	35 - 2
B039 3381	Cover:Toner Bottle:Ass'y	35 - 12
B039 3392	Guide Plate - Toner Supply Unit	35 - 15
B039 3395	Ground Plate - Toner Supply Unit	35 - 16
B039 3820	Transfer Roller	25 - 25
B039 3863	Quenching Terminal Plate	25 - 32
B039 3864	Quenching Terminal Plate-front	25 - 35
B039 3865	Transfer Terminal Plate	25 - 36
B039 3866	Pressure Cover	25 - 30
B039 3867	Roller - Transfer Unit	25 - 31
B039 3870	Terminal - Transfer	35 - 10
B039 3891	ID Sensor Cover	25 - 27
B039 4102	Fusing Exit Guide	37 - 1
B039 4107	Fusing Exit Door	37 - 23
B039 4112	Fusing Lamp - 230V 700W	37 - 16
B039 4114	Rear Ground Plate	37 - 32
B039 4116	Ground Plate - Fusing Unit	39 - 18
B039 4117	Discharge Brush	37 - 31
B039 4118	Front Ground Plate	37 - 4
B039 4119	Fusing Grounding Harness	39 - 17
B039 4120	Thermostat	37 - 5
B039 4135	Pressure Roller Lever	37 - 25
B039 4138	Front Holder	37 - 21
B039 4140	Rear Holder	37 - 15

Part No.	Description	Page and Index No.
B039 4168	Stripper Pawlsstopper	37 - 33
B039 4170	Stripper Pawls Roller	37 - 29
B039 4171	Gear - 41Z	37 - 18
B039 4185	Fusing Lamp Bracket	53 - 10
B039 4459	Exit Roller Holder - Inner	39 - 38
B039 4473	Ring:Exit Roller	39 - 4
B039 4480	Stepped Screw - M5	41 - 11
B039 4480	Stepped Screw - M5	29 - 24
B039 4488	Jam Removal Decal	29 - 29
B039 4488	Jam Removal Decal (B283)	71 - 4
B039 5744	Power Supply Cord - 230V	49 - 18
B039 5746	Power Supply Cord:Stopper:CHN:Ass'y	49 - 18
B039 5831	ADF Plug Bracket	49 - 5
B039 5887	Heater Switch Cover	51 - 14
B039 9510	OPC Drum	33 - 17
B043 2554	Registration Guide Spacer	25 - 33
B043 4609	Duplex Lower Stay	43 - 1
B043 4624	Pulley - 30Z	43 - 18
B043 4631	Gear - 38Z	43 - 26
B043 4632	Coupled Gear 25/59Z	43 - 30
B043 4633	Gear - 22Z	43 - 24
B043 4642	Stopper - Guide Plate	41 - 13
B043 4645	Spring - 2N	41 - 18
B043 4646	Upper Spring Plate - Driven Roller	41 - 19
B043 4647	Lower Spring Plate - Driven Roller	41 - 9
B043 4651	Door Lever	41 - 20
B043 4667	By-pass Feed Guide - Lower	43 - 3
B043 4671	Bracket - Upper Guide Plate	41 - 22
B043 4674	Cover - Duplex Entrance Sensor	41 - 24
B043 4676	Bracket - Duplex Entrance Sensor	41 - 6
B043 4684	By-pass Feed Guide - Upper	43 - 9
B043 4685	Spring - 2.8N	43 - 4
B043 4692	Grip Decal	41 - 15
B043 4692	Grip Decal	71 - 5
B043 4694	Chain Bracket	43 - 34

Part No.	Description	Page and Index No.
B043 4698	Cap - 30x36	43 - 21
B043 4713	Gear - 25Z	43 - 25
B043 4714	Gear - 25Z	43 - 23
B043 4975	Gear - 18Z	45 - 4
B043 4979	Exit Roller	39 - 23
B043 4991	Coupled Gear - 15/51Z	45 - 10
B043 4993	Reverser Shelf	45 - 1
B043 4998	Rail - Reverser Shelf	45 - 8
B120 2063	Bushing - 4mm	39 - 5
B120 3862	Front Discharge Brush	25 - 37
B121 1069	Support Bracket	13 - 17
B121 1070	Grip Bracket 2	53 - 4
B121 1084	Heater Wire Cover	39 - 1
B121 1107	Exhaust Duct	51 - 10
B121 1108	Lower Main Duct Ass'y	51 - 7
B121 1109	Left Duct Ass'y	51 - 11
B121 1110	Upper Main Duct	51 - 4
B121 1112	Frame Duct	51 - 6
B121 1126	Harness Guide	39 - 43
B121 1132	Fusing Drive Release Bracket	39 - 27
B121 1140	Main Drive Housing	47 - 25
B121 1145	Harness Hook	47 - 27
B121 1161	Large Spring	47 - 10
B121 1162	Small Spring	47 - 2
B121 1188	Bushing	27 - 22
B121 1313	IC Card Cap	9 - 7
B121 1316	Left Cove NA	9 - 1
B121 1322	Left Upper Cover B (B283)	9 - 21
B121 1337	Rear Cover NA (B283)	9 - 6
B121 1348	Paper Bank Cap	9 - 8
B121 1664	Bracket - Timing Belt	17 - 14
B121 1667	Lens Stay Bracket	17 - 6
B121 1680	Gear - 53Z/60Z	17 - 18
B121 1697	Timing Belt:L147	17 - 8
B121 1754	Carriage:No.1:Ass'y	15 - 12

Part No.	Description	Page and Index No.
B121 1757	Xenon Lamp MM8 26000/70	15 - 10
B121 1763	Mirror:No.1	15 - 15
B121 1766	No.1 Mirror Clamp	15 - 14
B121 1782	Flexible Board Guide	15 - 4
B121 1975	Rubber Bushing	19 - 20
B121 2311	PCU Toner Supply Shutter	33 - 1
B121 2313	Toner Supply Seal	33 - 8
B121 2617	Magnet Catch - By-pass Feed	21 - 13
B121 3804	Transfer Unit	25 - 9
B121 3860	Harness Cover	25 - 34
B121 4113	Short Electrode Plate	37 - 12
B121 4120	Thermostat Ass'y	37 - 11
B121 4451	Exit Middle Guide Plate	39 - 20
B121 4461	Exit Lower Guide Plate	39 - 36
B121 4465	Short Front Outer Holder	39 - 32
B121 4467	Long Front Middle Holder	39 - 35
B121 4469	Long Rear Middle Holder	39 - 33
B121 4470	Right Lower Exit Guide Plate	29 - 14
B121 4473	Exit Roller Ring MM14	39 - 29
B121 4477	Short Rear Outer Holder	39 - 34
B121 4490	Antistatic Brush	45 - 3
B121 4503	Exit Photointerruptor Bracket	39 - 19
B121 5202	Harness - Registration Sensor	25 - 14
B121 5204	Harness - Discharge Lamp	19 - 4
B121 5204	Harness - Discharge Lamp	49 - 28
B121 5206	Harness - Density Sensor	25 - 29
B121 5206	Harness - Density Sensor	49 - 29
B121 5208	Harness - Ground Wire Scanner (B283)	49 - 1
B121 5212	Harness - Manual Feed	49 - 23
B121 5215	Harness - Paper End Sensor No.1	27 - 5
B121 5215	Harness - Paper End Sensor No.1	49 - 8
B121 5219	Harness - Ground Wire	35 - 13
B121 5220	Harness - HPS	49 - 11
B121 5238	Harness - Paper Feed Sensor	39 - 21
B121 5240	Harness - Document Feeder	49 - 4

Part No.	Description	Page and Index No.
B121 5248	Harness - Development Sensor	25 - 21
B121 5250	Harness - LDD	49 - 33
B121 5250	Harness - LDD	19 - 14
B121 5259	Harness - Paper End Sensor	29 - 23
B121 5439	Harness - Polygon Mirror Motor	19 - 13
B121 5801	Power Supply Unit Bracket	53 - 9
B121 5802	Guide Plate Bracket	53 - 7
B121 5810	BICU Bracket	49 - 10
B121 5822	Guide Mylar (B282)	49 - 2
B121 5825	Power Supply Cord Bracket	49 - 19
B121 5841	BCT Power Pack Bracket	51 - 15
B121 9640	Developer Type 28 Black	31 - 13
B122 1075	Front Reverse Sub-Unit Holder	51 - 5
B122 1083	Bracket	45 - 18
B122 1323	Left Upper Cover (B282)	9 - 21
B122 4460	Lower Exit Guide Plate	39 - 28
B122 4492	Large Exit Discharge Brush	39 - 41
B122 4493	Small Exit Discharge Brush	39 - 42
B122 5208	Ground Wire	49 - 1
B122 5821	Box Holder	49 - 22
B123 1102	Rear Fan Bracket	49 - 6
B123 1302	Fusing Cover:Paper Exit Sub-unit: Duplex (B282)	39 - 2
B123 4502	Middle Reverse Guide Plate	45 - 14
B123 4505	Timing Belt - 40S2M290	43 - 19
B123 4506	Reverse Roller Ground Plate	45 - 16
B123 4508	Middle:Reverse Holder	39 - 40
B123 4617	Entrance Duplex Guide Plate	41 - 26
B123 4627	Adhesion Duplex Cover	43 - 28
B123 4640	Driven Duplex Guide Plate Ass'y	41 - 12
B123 4661	Rear Duplex Inner Cover	43 - 22
B123 4670	Right Lower Exit Guide Plate Ass'y	41 - 14
B123 4675	Exit Duplex Sensor Bracket	41 - 10
B123 4679	Exit Sensor Cover	41 - 23
B123 4691	Decal	71 - 6

Part No.	Description	Page and Index No.
B123 4691	Decal	41 - 17
B123 4693	Duplex Unit Stopper Ass'y	43 - 32
B123 4697	Tension Spring 27N	43 - 27
B123 4973	Reverse Paper Feed Sensor Bracket	45 - 6
B123 4977	Right Upper Exit Guide Plate Ass'y	41 - 25
B123 5241	Harness - Duplex Unit	43 - 29
B123 5245	Harness:Duplex:Ground Wire	45 - 7
B123 5245	Harness:Duplex:Ground Wire	41 - 16
B123 5252	Harness - Duplex Paper End Sensor	43 - 11
B123 5253	Harness - Duplex Sensor	45 - 15
B132 1531	Panel:Logo	9 - 22
B180 2801	Holder:Paper Tray	55 - 3
B180 2801	Holder:Paper Tray	53 - 11
B229 1453	Keytop - Start	11 - 8
B229 1454	Keytop - Clear/Stop	11 - 9
B229 1475	Keytop - 10key	11 - 10
B229 1522	Sheet-Power Source-EU	11 - 17
B229 1525	Keytop-INITIAL	11 - 11
B229 1537	Keytop - Clear Modes	11 - 12
B238 1845	Seal:Exposure Glass	13 - 19
B238 2753	Decal - Side Fence	21 - 22
B243 1425	Cover - Operation Panel	11 - 6
B243 1451	Case:Operation Sub-unit	11 - 2
B243 1458	Keytop - Power Source	11 - 13
B243 1459	Keytop - Cursor	11 - 14
B243 1468	Cover - CPS EU	11 - 1
B243 1469	Keytop:CPS:EU	11 - 18
B243 1804	Harness - FFC	49 - 26
B243 1804	Harness - FFC	13 - 13
B243 2701	Paper Tray	23 - 24
B243 2702	Cover - Paper Tray	23 - 26
B243 5018	Choke Coil - B2435018	53 - 8
B243 5018	Choke Coil - B2435018	49 - 14
B243 5203	Harness - Main Motor	49 - 21
B243 5226	Harness - AC Switch 187	49 - 16

Part No.	Description	Page and Index No.
B243 5228	Harness - AC Dehumidifier EXP (B283)	49 - 15
B243 5230	Harness - Power Supply Unit	49 - 17
B243 5231	Harness - High Voltage	49 - 27
B243 5231	Harness - High Voltage	51 - 20
B243 5232	Harness - High Voltage Line B	51 - 18
B243 5233	Harness - High Voltage Line C/T	51 - 19
B243 5233	Harness - High Voltage Line C/T	35 - 9
B243 5260	Harness - AC Dehumidifier	53 - 16
B243 5261	Harness - Key Counter	49 - 24
B243 5870	PCB Bracket	57 - 3
B244 5155	PCB DCB (B282)	51 - 2
B245 1149	Magnetic Clutch:0.5N M:Z39 (RIC)	47 - 4
B245 2840	Paper Tray:PD-C2:Ass'y	23 - *
B245 4052	Hot Roller	37 - 20
B245 4054	Frame:Pressure:Printing	37 - 28
B245 4112	Electrode Plate:Middle	37 - 13
B245 4114	Electrode Plate:Rear	37 - 14
B245 4115	Electrode Plate:Front	37 - 10
B245 5200	Scanner Motor Harness	49 - 20
B245 5217	AC Harness - Fusing (B282)	49 - 12
B245 5223	Harness:Scanner	49 - 7
B259 1053	Door Shaft - Right Front	53 - 6
B259 1058	Door Shaft - Right Rear	53 - 12
B259 1119	Tapping Screw:M3x33	51 - 8
B259 1131	Screw:PCU	25 - 28
B259 1157	Fusing Swivel Bracket	47 - 11
B259 1174	Development Drive Shaft (03)	47 - 17
B259 1178	Paper Feed Drive Bracket	27 - 23
B259 1190	Shaft - Drive Manual Feed	27 - 20
B259 1194	Manual Feed Drivebracket	27 - 18
B259 1367	Cover Magnet	9 - 13
B259 1499	Tapping Screw - M3x8	11 - 15
B259 1691	Scanner Drive Shaft	17 - 11
B259 1702	Pulley Shaft	17 - 16
B259 1763	Xenon Lamp Stabilizer	15 - 16

Part No.	Description	Page and Index No.
B259 1768	Carriage No.2 Ass'y	15 - 5
B259 1776	Idler Belt Pulley Bracket - Front	15 - 9
B259 1778	Idler Belt Pulley Bracket - Rear	15 - 7
B259 1813	Holder:Lens:Ass'y	13 - 9
B259 2325	OPC Drum Shutter Plate	33 - 23
B259 2371	Rear Drum Stay	31 - 1
B259 2381	Discharge Lamp - QL	19 - 3
B259 2562	Registration Roller Drive	25 - 19
B259 2571	Registration Roller Driven - DIA16	25 - 18
B259 2594	Shaft - Feed	29 - 12
B259 2602	Manual Feed Table Ass'y	21 - 21
B259 2609	Paper End Sensor:Manual Feed:Ass'y	29 - 15
B259 2609	Paper End Sensor:Manual Feed:Ass'y	43 - 33
B259 2642	Pin - MM6	21 - 19
B259 2648	Door:Right:C2B:Ass'y	29 - 30
B259 2737	Paper Feed Roller Shaft Ass'y	23 - 10
B259 2786	Lever Shaft	21 - 20
B259 3031	Toner Supply Unit	35 - 1
B259 3170	Development Case Ass'y	31 - 8
B259 3390	Density Sensor:K-C2.5:Ass'y	31 - 10
B259 3422	Shaft:Slide	35 - 5
B259 3890	Density Sensor	25 - 26
B259 4115	Fusing Entrance Guide Plate	37 - 30
B259 4471	Exit Roller 2	39 - 3
B259 5034	Harness:Dehumidifier:EXP:Ass'y (B283-67)	49 - 15
B259 5223	Harness - Stabilizer	49 - 25
B259 5223	Harness - Stabilizer	15 - 17
B259 6058	Heater:Paper Feed:No.1:EU:Ass'y	53 - 2
B261 4623	Transport Roller - Connecting	43 - 7
B261 4624	Transport Roller:Drive:Duplex:Exit	43 - 6
B261 4625	Transport Roller:Drive:Duplex:Entrance	43 - 8
B261 4650	Separation Pad	43 - 5
B261 4686	Manual Feed Drive Shaft	43 - 16
B261 4705	Stepper Motor Bracket	43 - 31
B261 4983	Gate Pawl	39 - 24

Part No.	Description	Page and Index No.
B261 4989	Reverse Roller	45 - 2
B261 4994	Stepper Motor Bracket	45 - 11
B268 1085	Switch:LF-105-11	39 - 30
B268 1749	Scale - Left	13 - 2
B268 1751	Scale - Inner Back	13 - 11
B268 5874	Cover:Expand:Gdi	57 - 6
B269 4981	Guide Plate:Reverse:Left Upper	45 - 5
B272 2510	Grip:Option:Paper Tray	23 - 32
B276 1055	Brushless Motor:24V	47 - 1
B276 1072	Grip	53 - 3
B276 1073	Cover:Grip	53 - 1
B276 1149	Magnetic Clutch:0.5N m:Z39 (GES)	47 - 4
B276 1150	Magnetic Clutch:Paper Feed:Drive:Ass'y	27 - 26
B276 1151	Magnetic Clutch:0.5N m:Z31	27 - 14
B276 1152	Magnetic Clutch:Manual Feed:Ass'y	27 - 35
B276 1183	Shaft:Paper Feed:Drive:Ass'y	27 - 21
B276 1192	Gear:Idler:Connecting	27 - 33
B276 1251	Cover:Shield Glass	19 - 1
B276 1332	Cover:Scanner:Left:NA	9 - 2
B276 1335	Cover:Scanner:Right:NA	9 - 9
B276 1338	Front Door - CNH	9 - 15
B276 1368	Cover:Exit:Rear:B:NA (B283)	9 - 5
B276 1452	Cover:Operation Sub-Unit:Lower	11 - 5
B276 1808	Inner Cover:Lens	13 - 8
B276 1917	Laser Diode Unit:Ass'y	19 - 15
B276 2576	Transport Roller	27 - 16
B276 2644	End Fence	23 - 1
B276 2646	Rubber Bushing	23 - 31
B276 2719	Spring:Base:5.8N	23 - 13
B276 3310	DC Motor:Toner Bottle:Kir-C3:Ass'y	47 - 6
B277 1310	Cover:Right Upper Front:C:NA (B282)	9 - 11
B277 1339	Cover:Rear:C:NA (B282)	9 - 6
B277 1347	Cover:Right Rear:C:NA (B282)	9 - 10
B277 1370	Cover:Exit:Rear:C:NA (B282)	9 - 5
B277 1372	Cover:Sorter:NA (B282)	9 - 17

Part No.	Description	Page and Index No.
B277 4984	DC Solenoid:Ass'y	45 - 13
B390 1759	Shaft:Scale	13 - 1
B622 5872	Rail Holder	57 - 4
B843 5880	Cover - Controller Box	57 - 1
B865 5040	PCB:3.5L:GDI:Ass'y	57 - 2
D100 1355	Cover:Exit:C3-DOM	9 - 3
D109 1313	Cover:CTL:D109	57 - 5
G012 3050	Side Fence Gear	21 - 7
G020 2599	Spring - Release Lever	23 - 22
G020 2784	Lever - By-pass Feed Table	21 - 15
G020 3334	Slider Ass'y	35 - 8
G020 5626	Push Switch	53 - 13
G020 5871	Spacer - KGLS-12RF	51 - 17
G029 4140	External Circlip	37 - 17
G029 4174	Pressure Roller Bushing	37 - 27
G029 4176	Turn Roller - Exit Sub-unit	39 - 37
G052 4618	Bearing 30x42x7	37 - 19
G052 4873	Outer Exit Cover Roller	39 - 31
G060 2641	Transport Driven Roller - Middle	41 - 7
G104 5141	Knob Screw:M3	45 - 17
G361 5570	Photointerruptor - Duplex	39 - 22
G570 2730	Slider - Scanner	15 - 18
G800 3035	Push SW - Paper Size	27 - 2
G800 3035	Push Sw - Paper Size	55 - 2
G800 4854	Exit Roller	39 - 39

Part No.	Description	Page and Index No.
N803 6701	Flash Memory Card-4MB	73 - 4

Part No.	Description	Page and Index No.
AA06 2254	Registration Roller Spring	25 - 2
AA06 3398	Spring - Friction Pad	29 - 7
AA06 3399	Spring - Vertical Transport	41 - 3
AA06 3399	Spring - Vertical Transport	29 - 3
AA06 3607	Pressure Spring	25 - 24
AA06 3643	Spring - By-pass Feed Table	21 - 8
AA06 6342	Registration Sensor Spring	25 - 10
AA06 6343	Spring - Paper End Sensor	29 - 20
AA06 6343	Spring - Paper End Sensor	43 - 14
AA06 6635	Spring - Fusing Exit Guide	37 - 24
AA06 6637	Stripper Pawl Spring	37 - 8
AA06 6640	Pressure Spring	37 - 26
AA06 6641	Gate Pawl Spring	39 - 25
AA08 0267	Bushing - 8x12x18	25 - 6
AA08 0268	Bushing - Vertical Transport	29 - 2
AA08 0268	Bushing - Vertical Transport	41 - 2
AA08 0313	Driven Roller Bushing	41 - 8
AA08 0342	Fornt Bushing-registration Roller	25 - 5
AA08 0343	Rear Bushing-registration Roller	25 - 22
AA08 2101	Bushing - 6x10x6	29 - 18
AA08 2101	Bushing - 6x10x6	43 - 17
AA08 2101	Bushing - 6x10x6	27 - 15
AA08 2110	Bushing - 8x12x22	25 - 23
AA10 0015	Snap Ring - M6	47 - 26
AA10 0015	Snap Ring - M6	25 - 8
AA14 3444	Stepped Screw	33 - 11
AA14 3592	Screw- M4x6	49 - 34
AA14 3870	Stepped Screw	37 - 2
AB01 1402	Gear - 14Z	33 - 13
AB01 1403	Gear - 13Z	33 - 12
AB01 2311	Gear - 18Z	25 - 7
AB01 2312	Gear - 16Z	25 - 4
AB01 2313	Gear - 25Z	29 - 13
AB03 0569	Pulley - 30T	43 - 20
AC02 0095	Sync Detector Lenz	19 - 19

Part No.	Description	Page and Index No.
AC02 4009	Cylindrical Lens	19 - 9
AC03 0138	2nd Mirror	19 - 17
AC03 0139	Sync Detector Mirror	19 - 8
AD02 7018	Roller:Charge:A3	33 - 21
AD04 2058	Charge Cleaner Brush Roller	33 - 22
AD04 2059	Cleaning Blade Ass'y	33 - 15
AE02 0100	Pressure Roller	37 - 22
AE04 4062	Stripper Pawls	37 - 9
AF02 2138	Vertical Transport Roller	29 - 1
AF02 2138	Vertical Transport Roller	41 - 1
AF03 1060	By-pass Feed Roller	29 - 17
AF03 1060	By-pass Feed Roller	43 - 15
AG07 0514	Magnet Catch	29 - 31
AG07 0514	Magnet Catch	43 - 35
AH01 0010	Rubber Foot:H5	53 - 5
AH01 0010	Rubber Foot:H5	55 - 4
AW02 0156	Photointerruptor:EE-SX4235A-P2	13 - 4
AW02 0181	Paper Feed Sensor	41 - 27
AW10 0073	Thermistor	37 - 3
AX06 0323	Polygon Motor - 23622RPM	19 - 16
AX64 0169	Fan DC24V 1.92W	49 - 3
AZ23 0229	Power Supply Unit:CHN	49 - 13
AZ32 0152	Power Pack BCT	51 - 16
GW01 0007	Photo Reflection Sensor:Exit	45 - 9
GW02 0020	Photointerruptor:LG248NL1	43 - 12
GW02 0020	Photointerruptor:LG248NL1	29 - 22
GW02 0020	Photointerruptor:LG248NL1	27 - 29
GW02 0020	Photointerruptor:LG248NL1	25 - 13
GW02 0020	Photointerruptor:LG248NL1	13 - 6
GX64 5734	Fan Motor:Mm80 DC24V 3.12W	51 - 9

Part No.	Description	Page and Index No.
VSSM 9000	Digital Multimeter-Fluke187	73 - 3

Part No.	Description	Page and Index No.
0313 0060N	Screw - M3x6	45 - 103
0313 0060N	Screw - M3x6	17 - 109
0313 0060N	Screw - M3x6	37 - 104
0353 0050N	Screw-M3x5	11 - 102
0353 0060N	Bind Screw - M3x6	57 - 102
0353 0060N	Bind Screw - M3x6	33 - 101
0360 3006N	Screw - M3x6	31 - 101
0360 3006P	Screw - M3x6	17 - 107
0433 0060N	Pan Self-Tapping Screw:3x6	43 - 106
0450 3008N	Tapping Screw - M3x8	39 - 102
0450 3008N	Tapping Screw - M3x8	27 - 106
0450 3008N	Tapping Screw - M3x8	29 - 101
0450 3008N	Tapping Screw - M3x8	41 - 101
0450 3008N	Tapping Screw - M3x8	43 - 102
0450 3008N	Tapping Screw - M3x8	25 - 101
0450 3008N	Tapping Screw - M3x8	23 - 102
0450 3008N	Tapping Screw - M3x8	35 - 101
0450 3008N	Tapping Screw - M3x8	45 - 102
0450 3008N	Tapping Screw - M3x8	47 - 104
0450 3008N	Tapping Screw - M3x8	53 - 107
0450 3008N	Tapping Screw - M3x8	51 - 102
0450 3010N	Tapping Screw - M3x10	35 - 103
0450 3010N	Tapping Screw - M3x10	51 - 105
0450 3012N	Tapping Screw:3x12	19 - 102
0450 3012N	Tapping Screw:3x12	25 - 102
0450 3012N	Tapping Screw:3x12	39 - 104
0450 3020N	Tapping Screw:M3x20	19 - 103
0450 4010N	Tapping Screw:M4x10	39 - 101
0450 4010N	Tapping Screw:M4x10	47 - 101
0451 3006N	Tapping Screw - 3x6	57 - 101
0451 3006N	Tapping Screw - 3x6	55 - 101
0451 3006N	Tapping Screw - 3x6	53 - 101
0451 3006N	Tapping Screw - 3x6	49 - 102
0451 3006N	Tapping Screw - 3x6	51 - 101
0451 3006N	Tapping Screw - 3x6	41 - 102

Part No.	Description	Page and Index No.
0451 3006N	Tapping Screw - 3x6	43 - 101
0451 3006N	Tapping Screw - 3x6	47 - 106
0451 3006N	Tapping Screw - 3x6	45 - 101
0451 3006N	Tapping Screw - 3x6	39 - 103
0451 3006N	Tapping Screw - 3x6	27 - 101
0451 3006N	Tapping Screw - 3x6	13 - 101
0451 3006N	Tapping Screw - 3x6	15 - 101
0451 3006N	Tapping Screw - 3x6	17 - 101
0451 3006N	Tapping Screw - 3x6	29 - 102
0451 3008N	Tapping Screw - M3x8	11 - 101
0451 3008N	Tapping Screw - M3x8	53 - 102
0451 3008N	Tapping Screw - M3x8	49 - 101
0451 3008N	Tapping Screw - M3x8	9 - 101
0451 3008N	Tapping Screw - M3x8	21 - 101
0451 3030N	Tapping Screw:3x30	49 - 103
0452 3008N	Tapping Screw - M3x8	31 - 102
0452 3008N	Tapping Screw - M3x8	35 - 102
0452 3008N	Tapping Screw - M3x8	37 - 103
0452 3010N	Binding Self-Tapping Screw:3x10	19 - 101
0452 3012N	Binding Self-Tapping Screw:M3x12	33 - 102
0452 3014N	Binding Self-Tapping Screw:M3x14	19 - 104
0453 3006N	Tapping Screw - M3x6	17 - 108
0454 3006Q	Tapping Screw - M3x6	27 - 102
0454 3006Q	Tapping Screw - M3x6	53 - 103
0454 3006Q	Tapping Screw - M3x6	13 - 102
0454 3006Q	Tapping Screw - M3x6	17 - 102
0454 3008Q	Tapping Screw:3x8	47 - 102
0457 3006N	Tapping Screw:WP:3x6	27 - 108
0720 0030E	Retaining Ring - M3	39 - 105
0720 0040E	Retaining Ring - M4	27 - 103
0720 0040E	Retaining Ring - M4	43 - 103
0720 0040E	Retaining Ring - M4	29 - 103
0720 0040E	Retaining Ring - M4	45 - 104
0720 0060E	Retaining Ring - M6	47 - 103
0720 0060E	Retaining Ring - M6	17 - 106

Part No.	Description	Page and Index No.
0736 0610	Bushing 6x10	33 - 103
0802 5299	Tapping Screw - M3x8	49 - 112
0804 6123	Hexagonal Bolt:W/Washer:M3x8	37 - 101
0805 0088	Retaining Ring - M6	23 - 101
0805 0097	Ring Separator	27 - 104
0805 3530	Bearing 8x22x7	17 - 105
0950 3006N	Screw:Spring Washer:M3x6	53 - 108
0950 3006N	Screw:Spring Washer:M3x6	55 - 103
0954 3010N	Screw:Polished Round/Spring:M3x10	37 - 102
0954 4008N	Screw - M4x8	37 - 105
1105 0009	Nylon Clamp - 5N	43 - 105
1105 0197	Wire Saddle	53 - 106
1105 0487	Harness Clamp	51 - 103
1105 0487	Harness Clamp	53 - 105
1105 0487	Harness Clamp	49 - 105
1105 0487	Harness Clamp	17 - 104
1105 0487	Harness Clamp	27 - 107
1105 0488	Harness Clamp	53 - 109
1105 0488	Harness Clamp	47 - 105
1105 0488	Harness Clamp	49 - 111
1105 0499	Support Spacer - M3x29	51 - 104
1105 0511	Harness Clamp - LWS-0306ZC	43 - 104
1105 0511	Harness Clamp - LWS-0306ZC	35 - 104
1105 0511	Harness Clamp - LWS-0306ZC	41 - 103
1105 0511	Harness Clamp - LWS-0306ZC	53 - 104
1105 0511	Harness Clamp - LWS-0306ZC	17 - 103
1105 0511	Harness Clamp - LWS-0306ZC	49 - 106
1105 0511	Harness Clamp - LWS-0306ZC	55 - 102
1105 0511	Harness Clamp - LWS-0306ZC	27 - 105
1105 0518	Edge Saddle - LES-1010	49 - 110
1105 0522	Edge Saddle - LES0510	25 - 103
1107 1063	Fuse:ET-2.5A	49 - 107
1107 1083	Fuse:SST 4	49 - 107
1107 1084	Fuse:CES14-8A-N1	49 - 108
1204 2608	Rocker Switch:SDDJE33900	49 - 104

Part No.	Description	Page and Index No.
1407 5299	RAM:FM1608-120-P	49 - 109

Part No.	Description	Page and Index No.
5203 9502	Grease 501	73 - 1
5215 2621	Snap Ring - M6	23 - 6
5215 2713	Bottom Plate Pad	23 - 27
5304 1639	Bushing - 8mm	47 - 24
5442 1924	Exposure Glass Cushion	13 - 15
5447 2681	Snap Ring	21 - 18
5447 2681	Snap Ring	25 - 3
5447 2681	Snap Ring	27 - 6

