

DF70 (B351)

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PARTS CATALOG

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

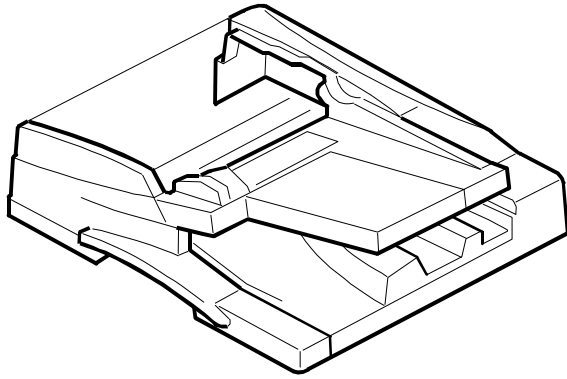
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February ,5 ' 2001

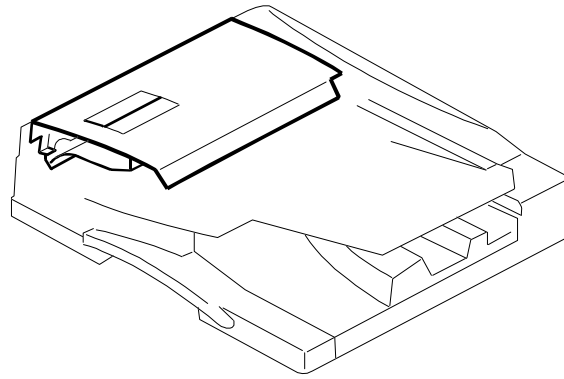
LOCATIONS OF UNITS

1. ARDF1 (B351)



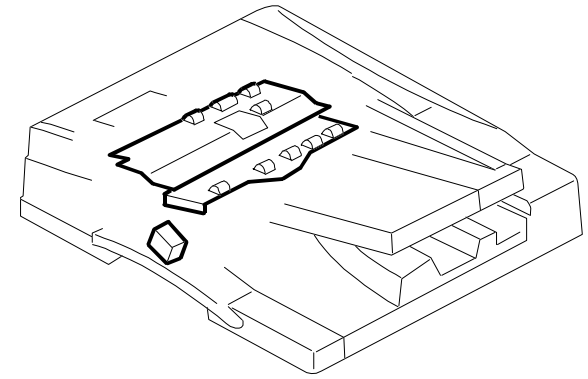
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2. ARDF2 (B351)



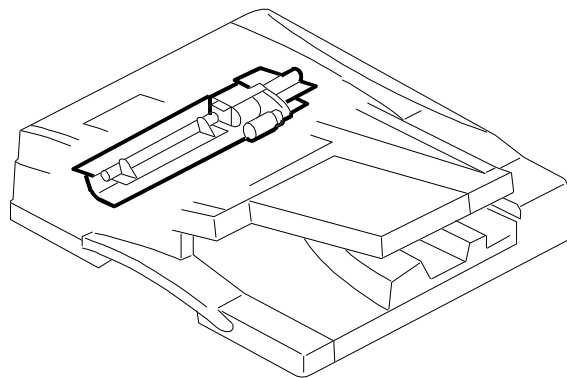
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3. ARDF3 (B351)



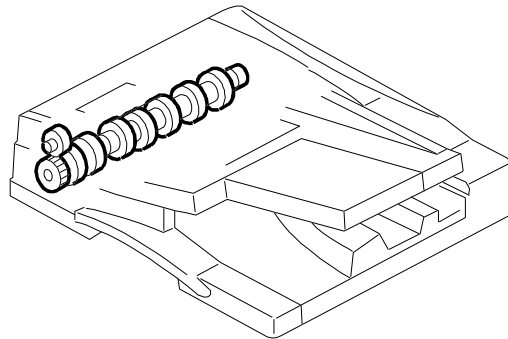
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4. ARDF4 (B351)



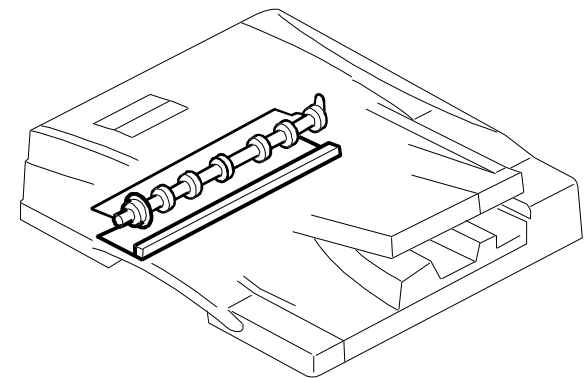
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5. ARDF5 (B351)



See Page 13

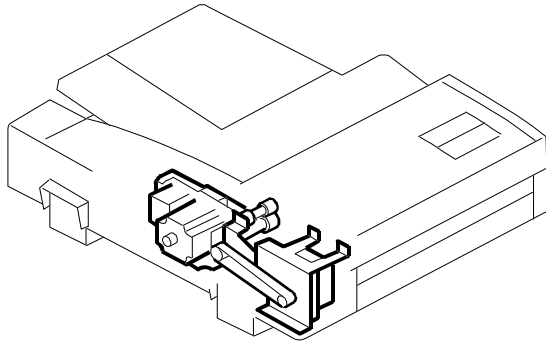
6. ARDF6 (B351)



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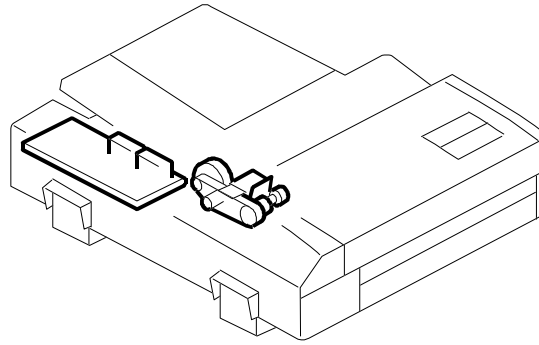
LOCATIONS OF UNITS

7. ARDF7 (B351)



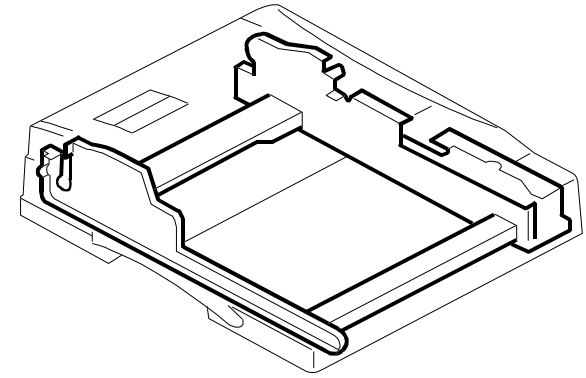
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8. ARDF8 (B351)



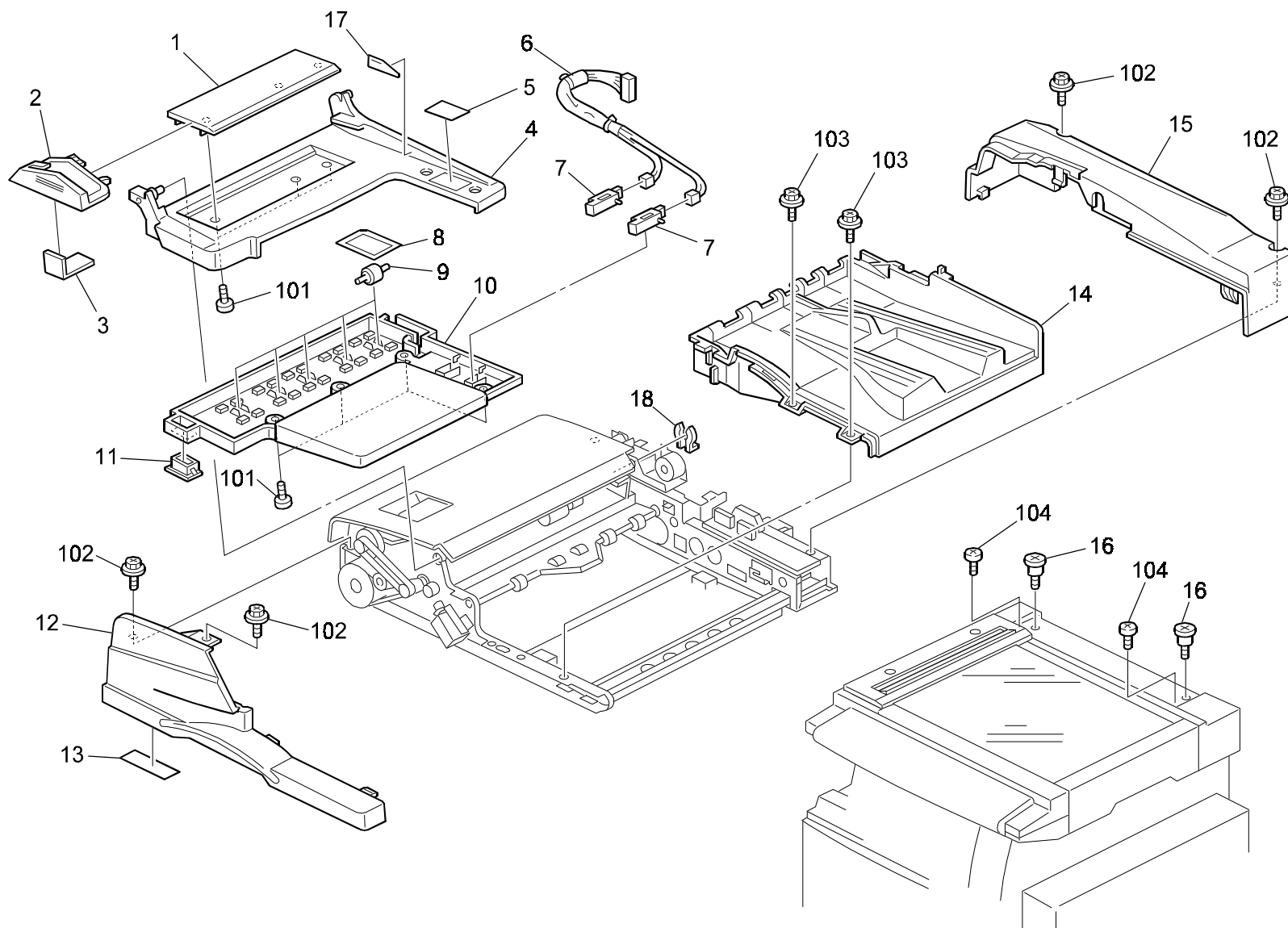
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9. ARDF9 (B351)



See Page 21

1.ARDF1 (B351)

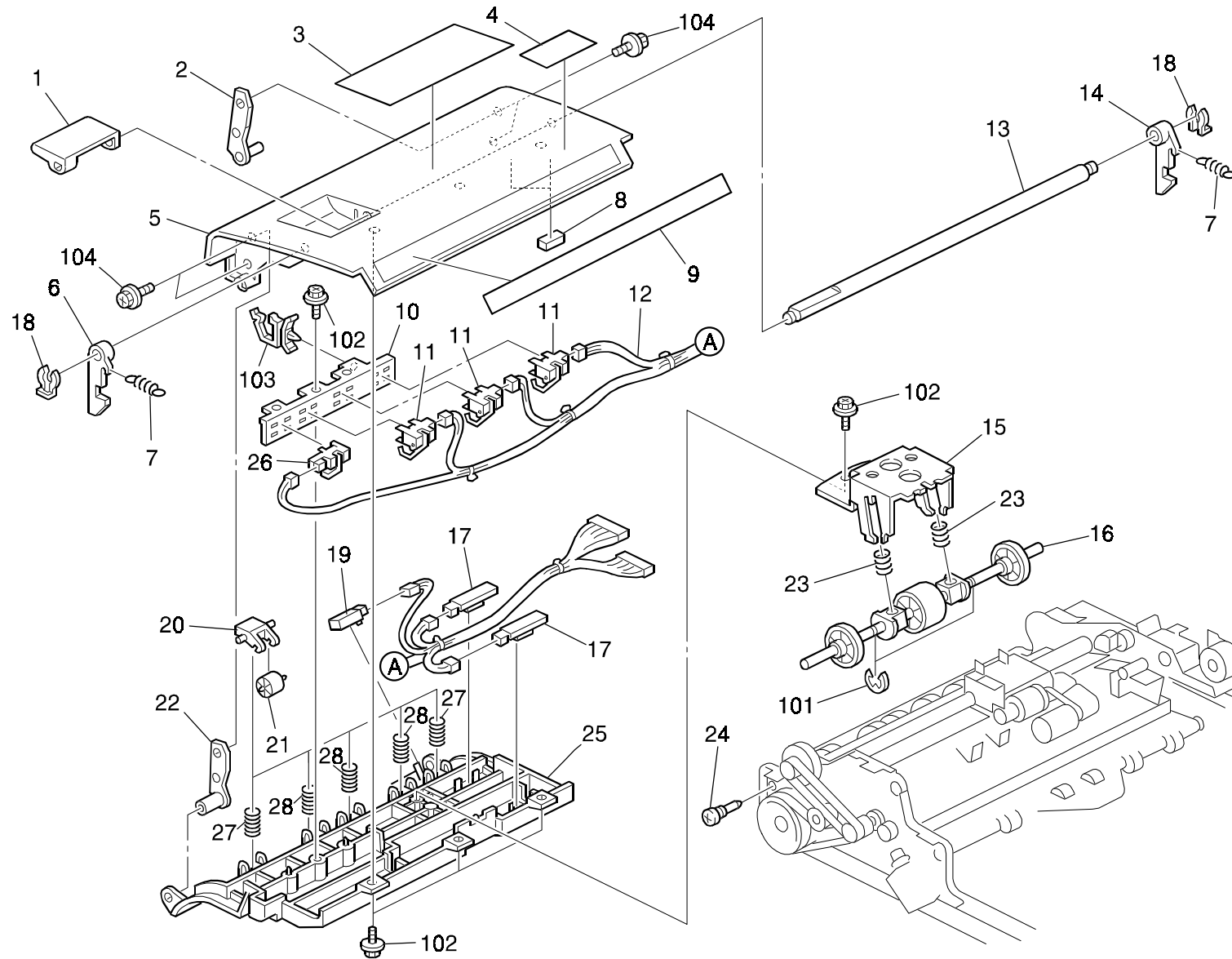


1.ARDF1 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A680 4151	Side Fence Guide	1
2	B351 4125	Side Fence	1
3	A376 4599	Side Fence Pad	1
4	B351 4123	Original Table	1
5	B351 6011	Decal - Original Table	1
6	B351 5835	Relay Harness - Original Table	1
7	AW01 0087	Photo Sensor - Ass'y	2
8	A858 4676	Spring Plate Pressure Roller	5
9	A858 4671	Roller Driven	5
10	B351 4133	Lower Original Table	1
11	B351 4135	Magnet Catch - Original Table	1
12	B351 4212	Front Cover	1
13	B351 6041	Decal - Misfeed Removal - Exit	1
14	B351 4232	Exit Tray	1
15	B351 4222	Rear Cover	1
16	A376 4911	Stepped Screw - Left Hinge	2
17	A859 6041	Decal Side Fence	1
18	5215 2621	Snap Ring - M6	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3008B	Tapping Screw - M3x8	
102	0451 3008H	Tapping Screw - M3x8	
103	0353 0050B	Philips Truss Head Screw - M3x5	
104	0951 4010B	Philips Screw With Washer - M4x10	

2.ARDF2 (B351)

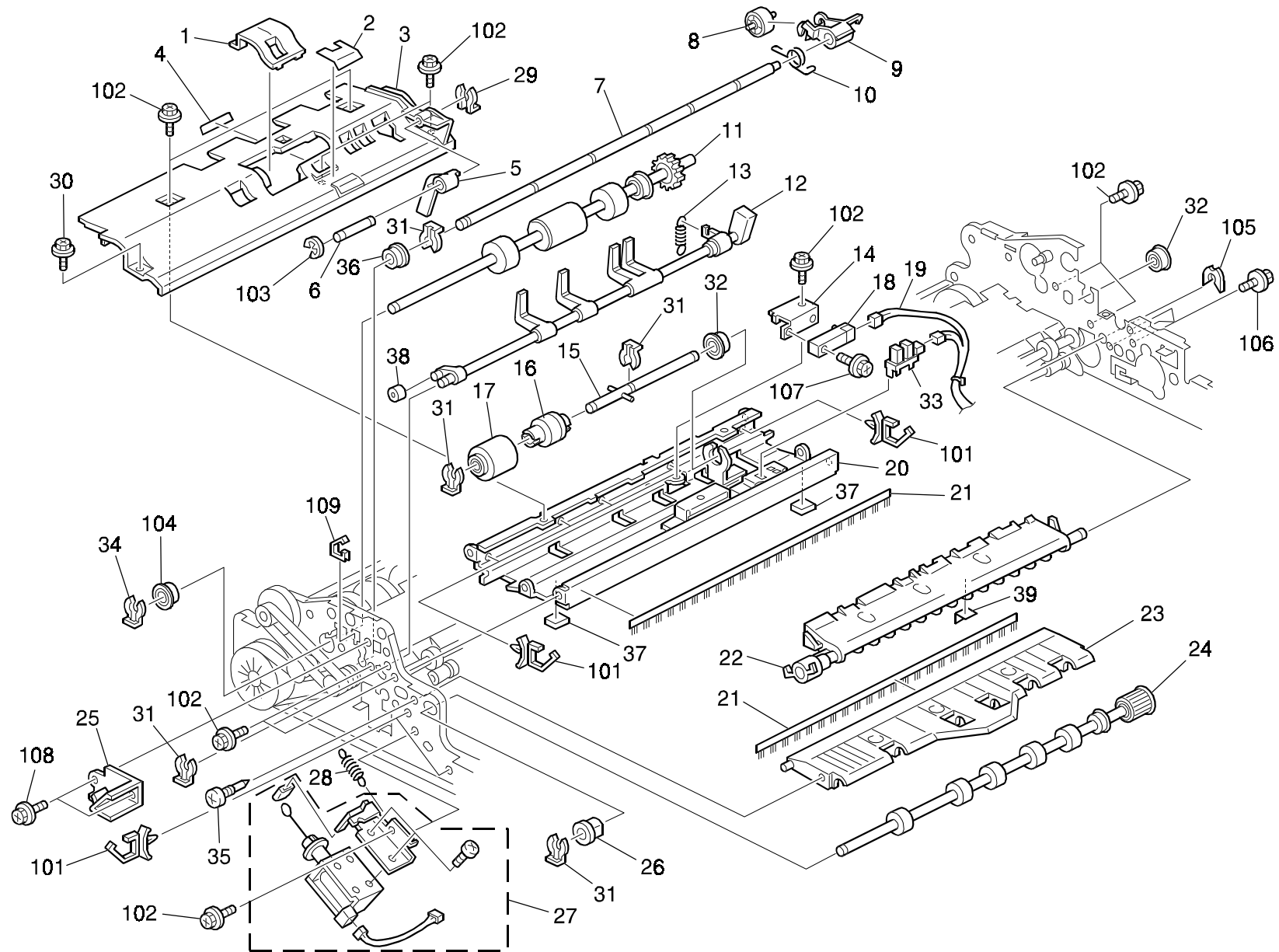


2.ARDF2 (B351)

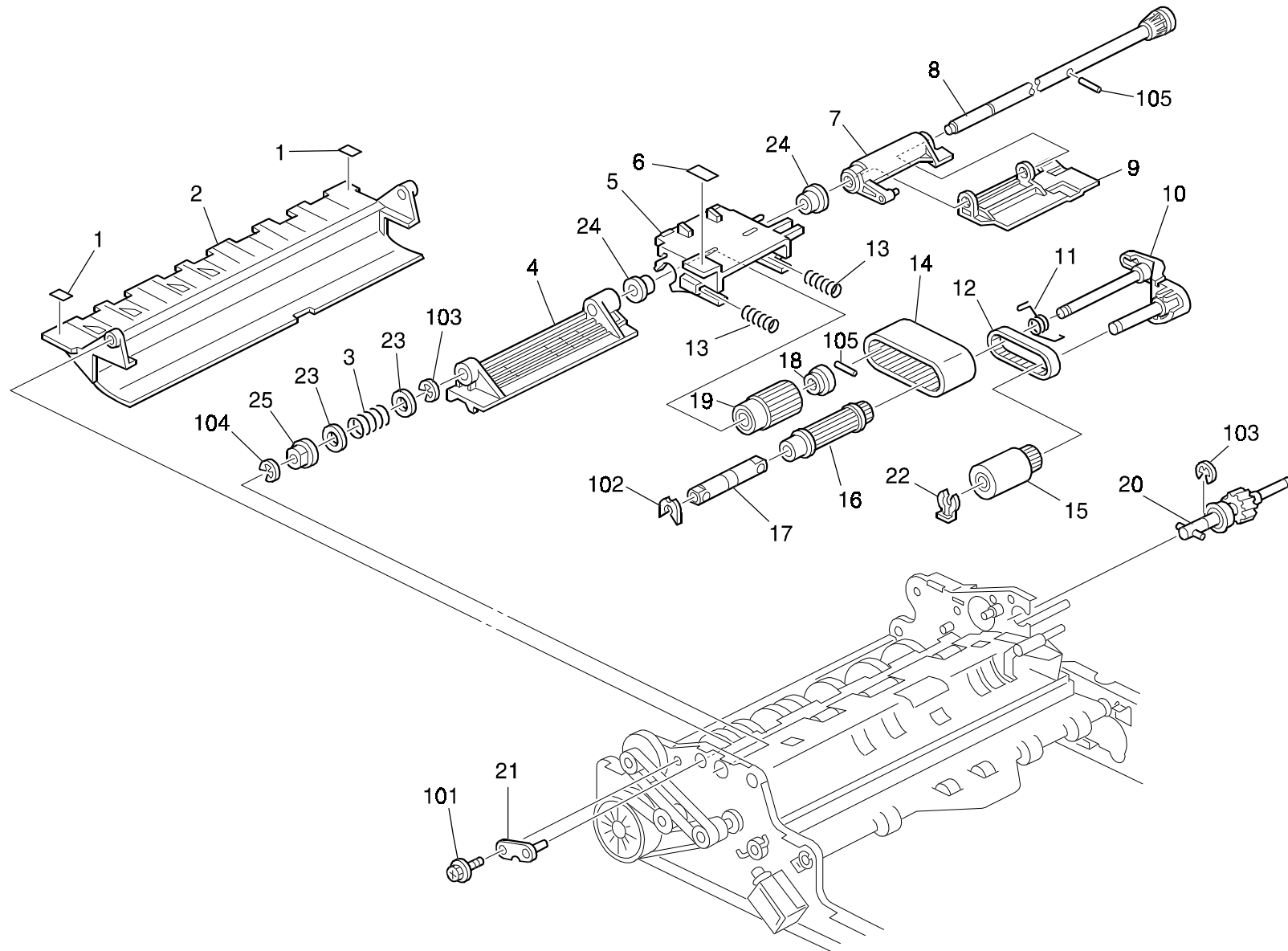
Index No.	Part No.	Description	Q'ty Per Assembly
1	B351 4515	Grip - Top Cover	1
2	A680 1371	Rear Fixing Bracket - Left Cover	1
3	B351 6031	Decal - Misfeed Removal	1
4	A858 6062	Decal - Exposure Glass	1
5	B351 4511	Top Cover	1
6	B351 4522	Front Lever - Top Cover	1
7	AA06 0844	Tension Spring	2
8	B351 4536	Cushion - Paper Feed	2
9	B351 6021	Decal - Original Size	1
10	B351 3165	Bracket - Paper Size Sensor	1
11	AW02 0104	Photointerruptor	3
12	B351 5885	Harness - Paper Size Sensor	1
13	B351 4512	Shaft - Lever	1
14	B351 4526	Rear Lever - Top Cover	1
15	B351 3171	Holder - Pull-out Roller	1
16	B351 3141	Pull-out Roller	1
17	AW01 0091	Photo Reflection Sensor	2
18	5447 2681	Snap Ring	2
19	AW01 0076	Photosensor - PS-117D1	1
20	B351 3183	Holder - Driven Roller	4
21	B351 3182	Driven Roller	4
22	A680 1375	Front Fixing Bracket - Left Cover	1
23	AA06 3856	Pressure Spring	2
24	5446 2824	Screw - Duplex Guide Plate	1
25	B351 3115	Paper Guide - Top Cover	1
26	AW02 0095	Photointerruptor	1
27	AA06 3858	Pressure Spring	2
28	AA06 3857	Pressure Spring	3

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040B	Retaining Ring - M4	
102	0452 3008B	Tapping Screw - M3x8	
103	1105 0460	Clamp	
104	0451 3010B	Tapping Screw - M3x10	

3.ARDF3 (B351)



4.ARDF4 (B351)

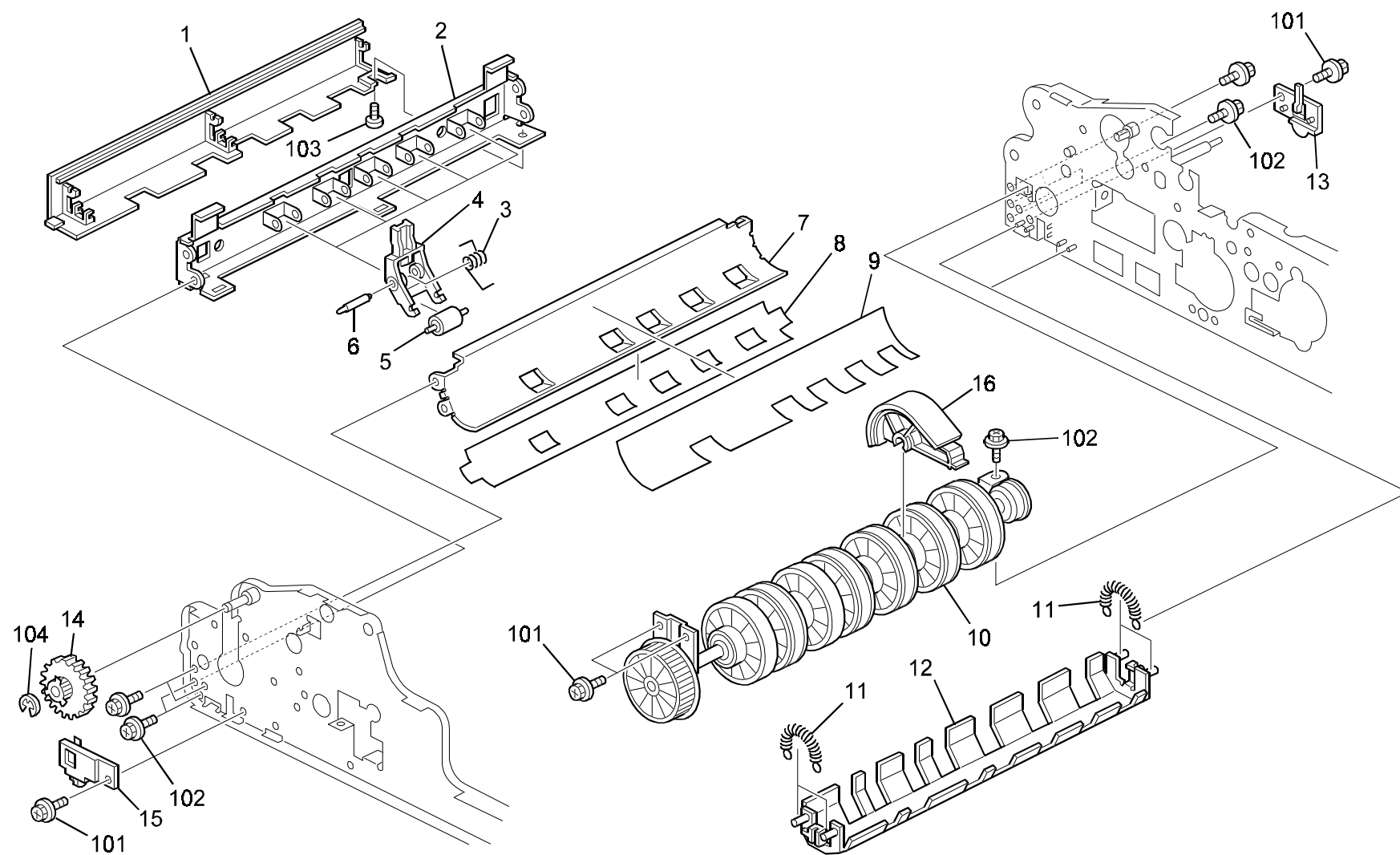


4.ARDF4 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A054 2977	Decal - Vertical Transport Guide	2
2	B351 3195	Lower Guide Plate - Transport	1
3	AA06 3861	Pressure Spring	1
4	B351 2151	Front Guide - Paper Feed	1
5	B351 2251	Bracket - Paper Feed Belt	1
6	A858 6022	Decal Blue	1
7	B351 2131	Pick-up Lever	1
8	B351 2111	Shaft - Paper Feed	1
9	B351 2141	RearGuide - Paper Feed	1
10	B351 2161	Arm - Pick-up Roller	1
11	AA06 6629	Tension Spring	1
12	AA04 3929	Timing Belt - B40S2M114	1
13	AA06 3863	Pressure Spring	2
14	B351 2222	Paper Feed Belt	1
15	B351 2126	Pickup Roller	1
16	B351 2242	Timming Pulley - 26/30Z	1
17	A680 1865	Shaft - Belt Guide Roller	1
18	B351 2181	Bushing - 8MM	1
19	B351 2231	Timming Pulley - 36Z	1
20	B351 1741	Drive Gear - Paper Feed	1
21	B351 1321	Stud - Transport Guide	1
22	5447 2681	Snap Ring	1
23	AA13 2013	Spacer	2
24	A628 1225	Bushing - 8mm	2
25	5304 1639	Bushing - 8mm	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0805 0089	Retaining Ring - M4	
103	0720 0060B	Retaining Ring - M6	
104	0720 0040B	Retaining Ring - M4	
105	0632 0120G	Parallel Pin - 2x12	

5.ARDF5 (B351)

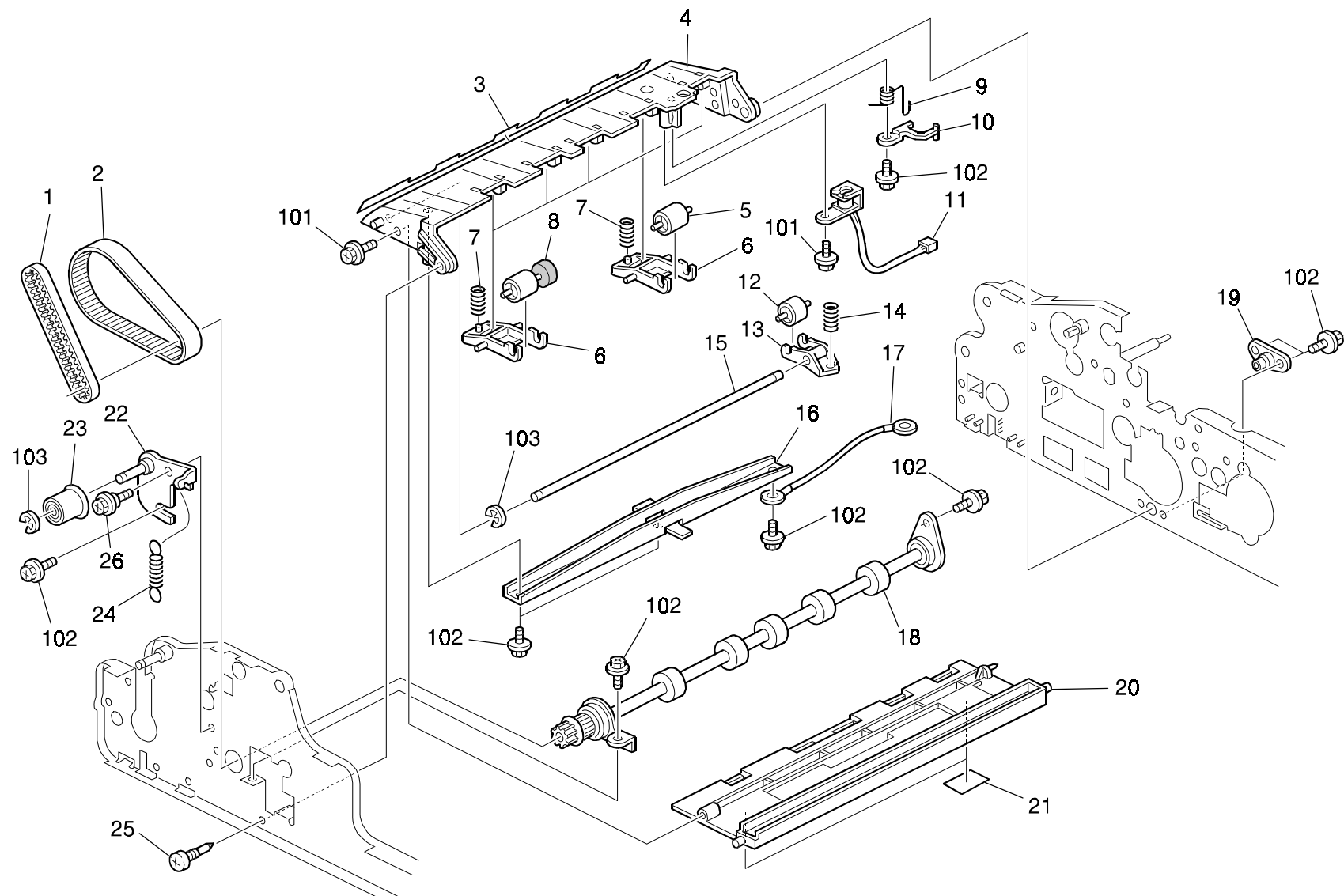


5.ARDF5 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B351 4252	Lower Cover - Paper Feed	1
2	B351 1131	Left Stay	1
3	AA06 6630	Tension Spring	5
4	B351 1135	Arm - Driven Roller	5
5	B351 1136	Driven Roller - Scanning	5
6	B351 1137	Shaft - Driven Roller	5
7	B351 3332	Lower Transport Guide	1
8	B351 3338	Shield - Transport Guide	1
9	B351 3335	Mylar - Transport Guide	1
10	B351 3351	Transport Roller	1
11	AA06 0845	Tension Spring	4
12	B351 3311	Guide - Exposure Glass	1
13	B351 3323	Rear Stopper - Scanning	1
14	B351 1965	Lever - Transport Roller	1
15	B351 3322	Front Stopper - Scanning	1
16	B351 3775	Roller Guide	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0451 3006B	Tapping Screw - M3x6	
103	0451 3008H	Tapping Screw - M3x8	
104	0805 0089	Retaining Ring - M4	

6.ARDF6 (B351)

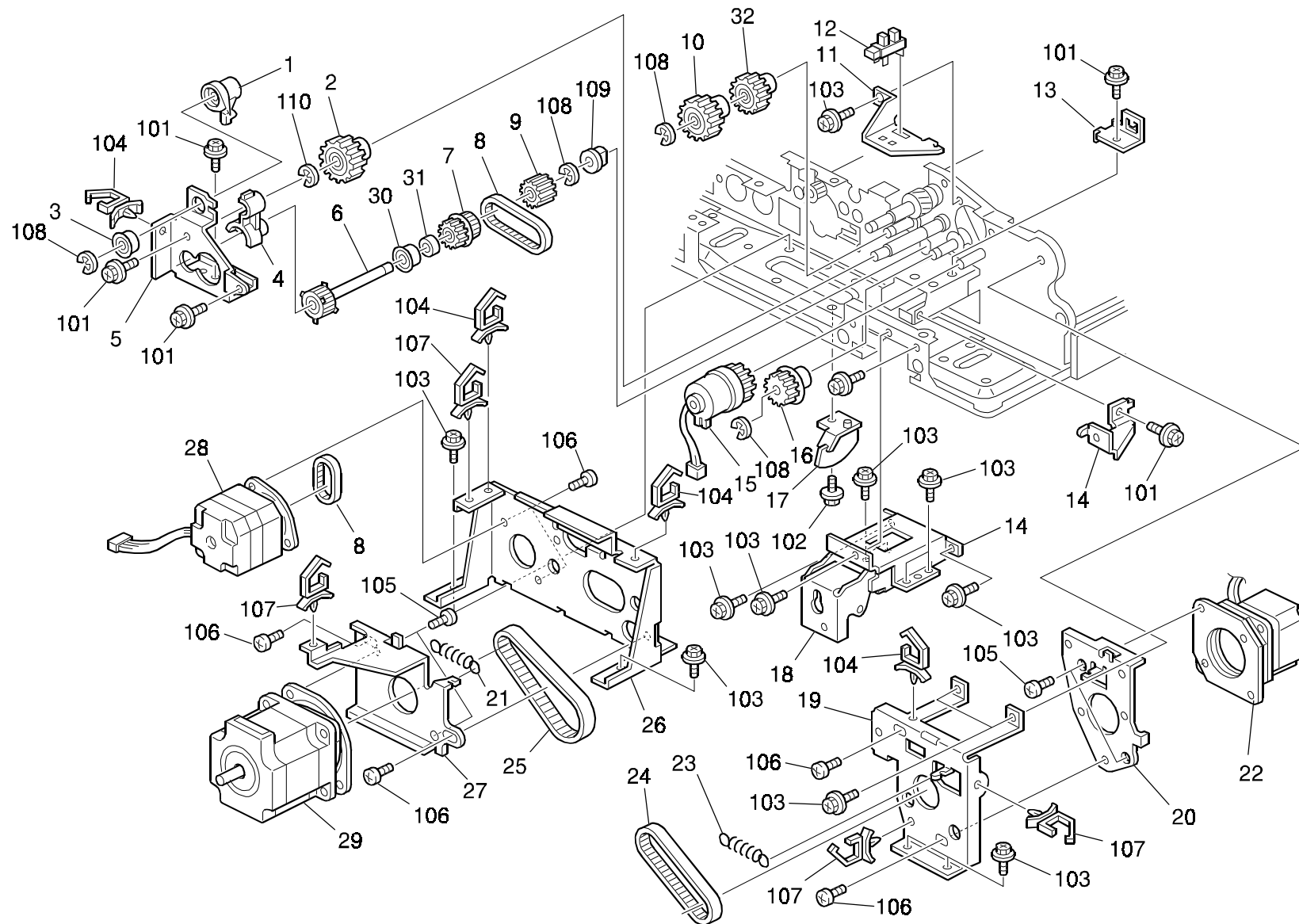


6.ARDF6 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA04 3920	Timing Belt - S3M264	1
2	AA04 3919	Timing Belt - B245ST1.5-10	1
3	B351 3638	Guide Plate - Pressure Roller	1
4	B351 3612	Lower Exit Guide	1
5	B351 3743	Driven Roller	1
6	B351 3632	Arm - Driven Roller - Exit	5
7	AA08 3860	Pressure Spring	5
8	B351 3640	Driven Roller - Sponge	4
9	AA06 6631	Tension Spring	1
10	B351 3791	Stopper - Stamp	1
11	H511 5006	Stamper	1
12	B351 3752	Pressure Roller - Reverse	5
13	B351 3642	Arm - Pressure Roller	5
14	AA08 3859	Pressure Spring	5
15	B351 3634	Shaft - Pressure Arm	1
16	B351 3635	Support Bracket	1
17	B351 5995	Grounding Wire	1
18	B351 3701	Exit Roller	1
19	B351 3613	Holder - Guide Plate	1
20	B351 3616	Base - Paper Exit Unit	1
21	B351 4322	Tape - Platen Sheet	2
22	B351 1951	Bracket - Tightener	1
23	B351 1942	Pulley - 20T	1
24	AA06 0846	Tension Spring	1
25	5446 2824	Screw - Duplex Guide Plate	1
26	A697 1125	Stepped Screw - Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008B	Tapping Screw - M3x8	
102	0451 3006B	Tapping Screw - M3x6	
103	0720 0030B	Retaining Ring - M3	

7.ARDF7 (B351)

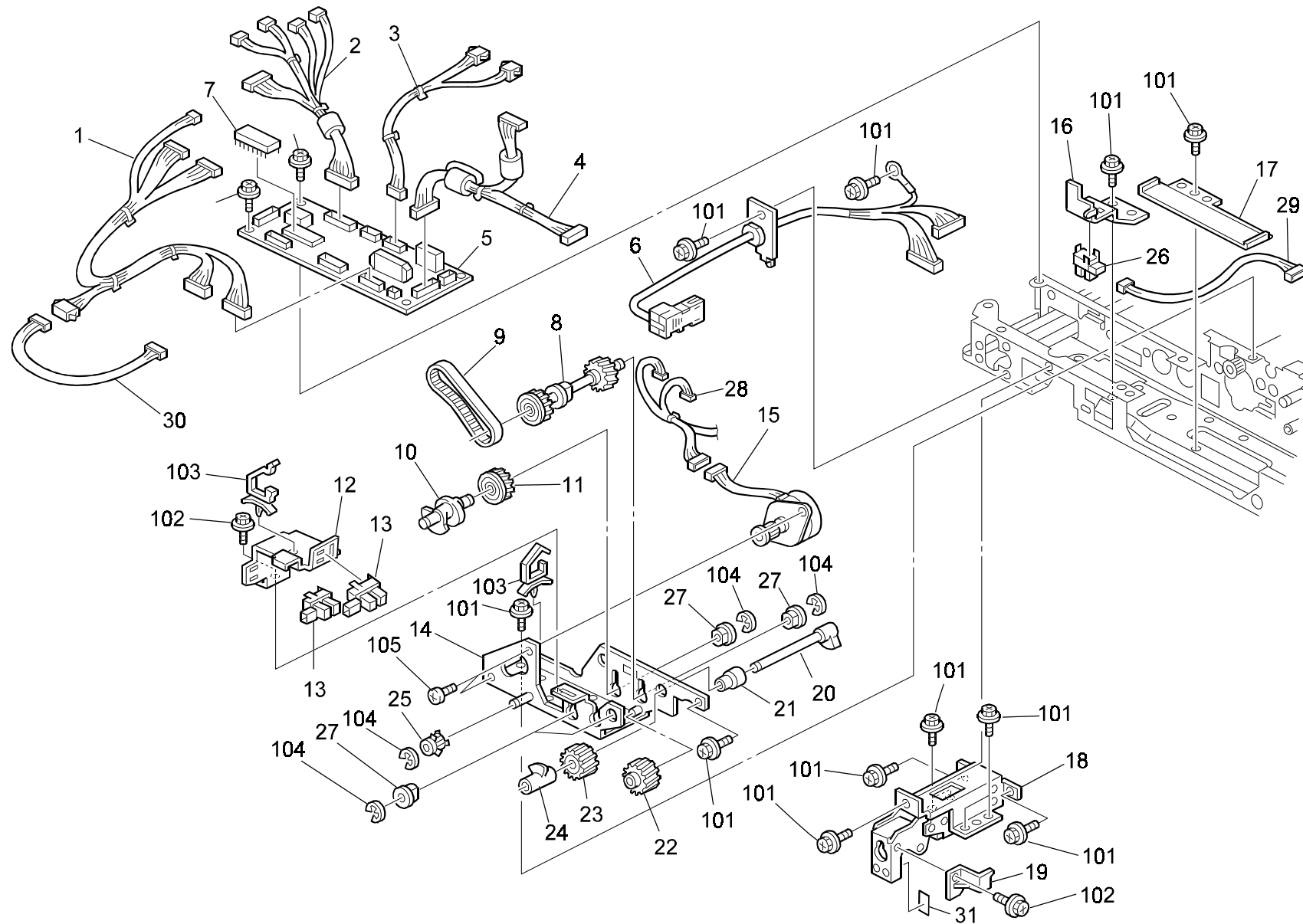


7.ARDF7 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B351 1651	Stopper - Separation Shaft	1
2	B351 1731	Gear - 28Z	1
3	A859 2230	Ball Bearing - 6x13x5	1
4	B351 1626	Stopper - Gear	1
5	B351 1611	Bracket - Drive Gear	1
6	B351 1711	Timing Pulley - 30Z	1
7	B351 1721	Gear Pulley - 19T/31Z	1
8	AA04 3915	Timing Belt - B40S2M116	2
9	B351 1722	Gear - 18Z	1
10	B351 2431	Gear - 35Z	1
11	B351 1335	Bracket - Sensor	1
12	AW02 0086	Photointerruptor	1
13	B351 1691	Stopper - Clutch	1
14	B351 1146	Support Plate	1
15	AX20 0213	Magnetic Clutch - Z30	1
16	B351 2331	Timing Pulley - 32Z	1
17	B351 1196	Sensor Feeler	1
18	B351 1211	Left Hinge	1
19	B351 1621	Bracket - Feed Motor	1
20	B351 1641	Holder Plate - Feed Motor	1
21	AA06 0846	Tension Spring	1
22	B351 1811	Feed Motor - DC10W	1
23	AA06 0842	Tension Spring	1
24	AA04 3914	Timing Belt - B60S2M252	1
25	AA04 3917	Timing Belt - B138ST1.5-10	1
26	B351 1912	Bracket - Motor	1
27	B351 1932	Bracket - Scanner Motor	1
28	B351 1971	Stepper Motor - Reverse	1
29	B351 1921	Scanner Motor - DC 7W	1
30	A859 2230	Ball Bearing - 6x13x5	1
31	B351 1717	Spacer - Paper Feed	1
32	B351 2421	Gear - 28Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0451 3008H	Tapping Screw - M3x8	
103	0802 5276	Tapping Screw With Washer - M3x6	
104	1105 0460	Clamp	
105	0354 0050B	Bind Screw - M4x5	
106	0353 0050B	Philips Truss Head Screw - M3x5	
107	1105 0310	Harness Clamp - LWS-1S	
108	0720 0040E	Retaining Ring - M4	
109	5053 0447	Bushing - 6mm	
110	0720 0060B	Retaining Ring - M6	

8.ARDF8 (B351)

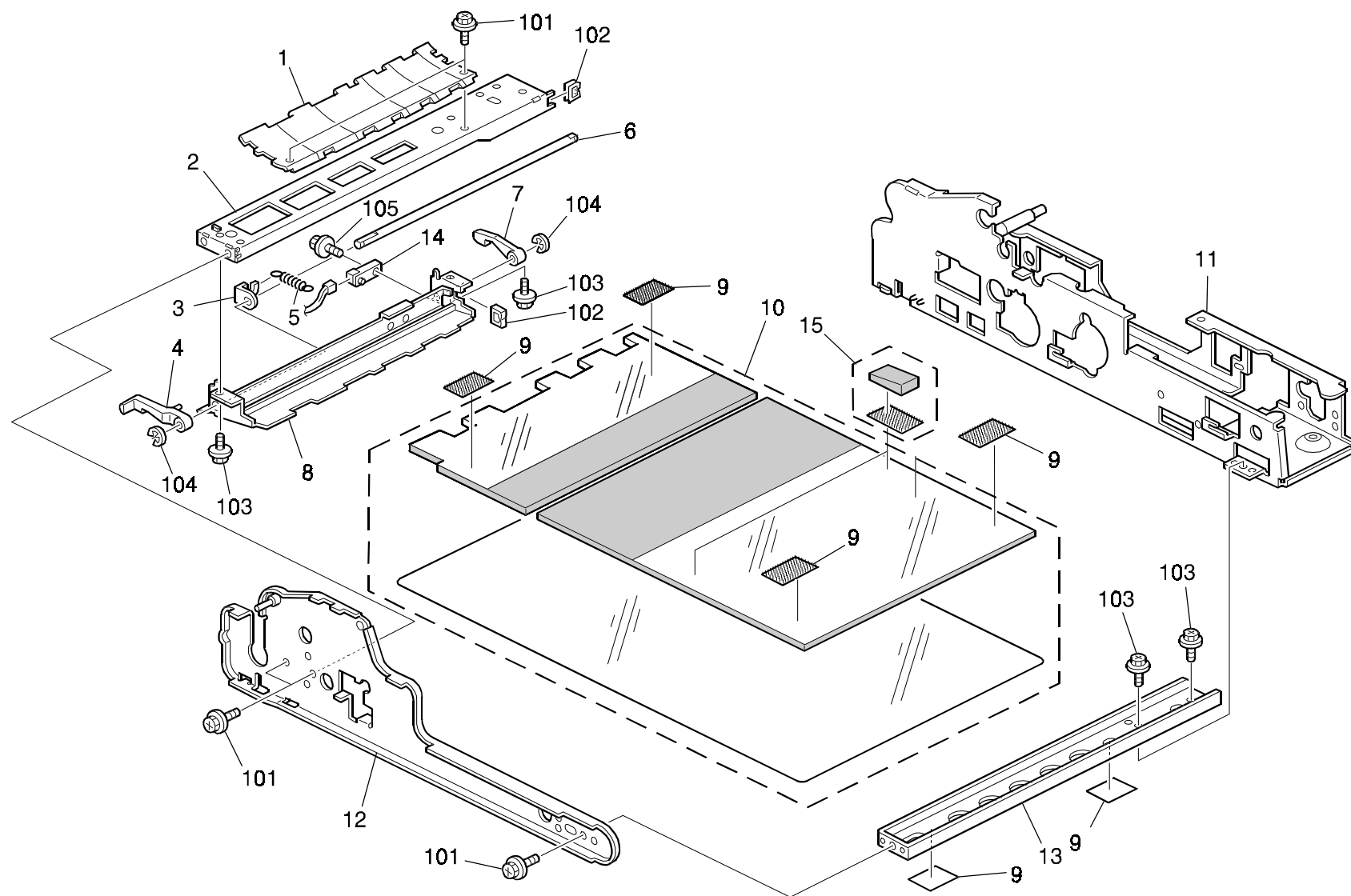


8.ARDF8 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B351 5880	Harness - Registration Sensor	1
2	B351 5820	Harness - Original Sensor	1
3	B351 5895	Harness - Stamp	1
4	B351 5840	Harness - Feed Motor	1
5	B351 5100	Main Control Board	1
6	B351 5810	Harness - Interface	1
7	B351 5620	EPROM - Main Control	1
8	A680 2251	Gear - 17Z	1
9	AA04 3916	Timing Belt - B40S2M212	1
10	B351 1761	Cam - Paper Feed	1
11	B351 1791	Gear - 25Z	1
12	B351 1671	Bracket - Pick-up HP Sensor	1
13	AW02 0086	Photointerruptor	2
14	B351 1661	Bracket - Pick-up Motor	1
15	AX04 0096	Stepping Motor - DC 18W	1
16	B351 1192	Bracket - Lift Sensor	1
17	B351 1181	Harness Guide	1
18	B351 1221	Right Hinge	1
19	A859 1841	Filler DF Open Sensor	1
20	B351 1751	Cam - Pick-up Roller	1
21	A548 2343	Clutch Stopper	1
22	B351 1781	Gear - 18Z	1
23	A680 2261	Gear - 24Z	1
24	B351 1756	Actuator - Pick-up Roller	1
25	A680 2241	Pulley - 18T	1
26	AW02 0086	Photointerruptor	1
27	5053 0447	Bushing - 6mm	1
28	B351 5890	Harness - Solenoid	1
29	B351 5850	Harness - Lift Up	1
30	B351 5875	Relay Harness - Feed Sensor	1
31	A334 4678	Rack Shield Mylar	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0802 5276	Tapping Screw With Washer - M3x6	
102	0451 3006B	Tapping Screw - M3x6	
103	1105 0460	Clamp	
104	0720 0040B	Retaining Ring - M4	
105	0353 0050B	Philips Truss Head Screw - M3x5	

9.ARDF9 (B351)



9.ARDF9 (B351)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B351 3912	Guide Plate - Reverse - Lower	1
2	B351 1142	Middle Stay	1
3	B351 3649	Anchor - Spring	1
4	B351 3666	Front Hook - Paper Exit	1
5	AA06 0850	Tension Spring	1
6	B351 3663	Shaft - Lock Lever	1
7	B351 3662	Rear Hook - Paper Exit	1
8	B351 3721	Upper Exit Guide	1
9	B351 4322	Tape - Platen Sheet	4
10	B351 4311	Platen Sheet	1
11	B351 1121	Rear Side Plate	1
12	B351 1111	Front Side Plate	1
13	B351 1152	Right Stay	1
14	AW01 0076	Photosensor - PS-117D1	1
15	B351 4333	Cushion - Pressure Plate	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	1105 0514	Edge Saddle - Eds-0607I	
103	0802 5276	Tapping Screw With Washer - M3x6	
104	0720 0030B	Retaining Ring - M3	
105	0451 3012B	Tapping Screw With Washer - M3x12	

10.Main Control Board (B351)

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.
C100	155	C110	162	C120	163	C130	161	C140	161	C150	163	C160	163
C101	153	C111	163	C121	163	C131	161	C141	163	C151	161	C161	160
C102	157	C112	163	C122	163	C132	161	C142	163	C152	163	C162	161
C103	161	----	---	C123	163	C133	161	C143	161	C153	161	C163	161
C104	161	C114	158	C124	163	C134	158	C144	161	C154	161	C164	161
C105	154	C115	162	C125	162	C135	158	C145	161	C155	161	COIL	
C106	154	C116	163	----	---	C136	134	C146	161	C156	159	SYMBOL NO.	INDEX NO.
C107	156	C117	163	C127	161	C137	134	C147	161	C157	163	L100	135
C108	156	C118	161	C128	161	C138	161	C148	161	C158	161		
C109	162	C119	158	C129	161	C139	161	C149	161	C159	161		

CONNECTOR

SYMBOL NO.	INDEX NO.
CN100	112
CN110	113
CN200	114
CN210	109
CN220	108
CN230	106
CN240	104
CN300	110
CN310	107
CN320	111

SYMBOL NO.	INDEX NO.
CN330	105
CN340	103

Q

SYMBOL NO.	INDEX NO.
Q100	119
Q101	119
Q102	120

DIODE

SYMBOL NO.	INDEX NO.
D100	122
D101	121

FUSE

SYMBOL NO.	INDEX NO.
FU100 (clip)	117
	115

IC

SYMBOL NO.	INDEX NO.
IC100	130
IC101	164
(Socket)	116
IC102	125
IC103	127
IC104	128
IC105	129
IC106	123
IC107	126
IC108	124

SYMBOL NO.	INDEX NO.
IC109	131
IC110	131
IC111	132
IC112	132

OSC

SYMBOL NO.	INDEX NO.
OSC100	133

RESISTOR

SYMBOL NO.	INDEX NO.
R100	138
R101	138
R102	138
R103	138
R104	138
R105	138
R106	138
R107	137
R108	137
R109	137

SYMBOL NO.	INDEX NO.
R110	137
R111	137
R112	137
R113	137
R114	137
R115	144
R116	149
R117	138
R118	138
R119	138

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.
R122	145	R132	149	R142	152	R153	138	R163	142	R173	142	R183	138
R123	137	R133	143	R143	152	R154	138	R164	145	R174	145	R184	138
R124	145	R134	138	R144	150	R155	138	R165	142	R175	138	R185	138
R125	142	R135	138	R145	152	R156	138	R166	138	R176	138	R186	138
R126	138	R136	138	R146	151	R157	138	R167	138	R177	138	R187	14
R127	138	R137	138	R147	150	R158	138	R168	138	R178	138	R188	142
R128	138	R138	138	R149	140	R159	138	R169	145	R179	145	R189	145
R129	138	R139	138	R150	140	R160	138	R170	142	R180	142	R190	142
R130	145	R140	138	R151	138	R161	148	R171	142	R181	145	R191	138
R131	137	R141	138	R152	138	R162	145	R172	145	R182	142	R192	145

RESISTOR

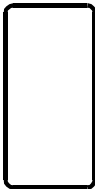
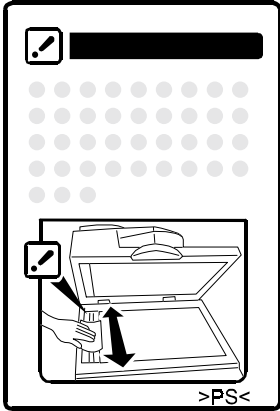
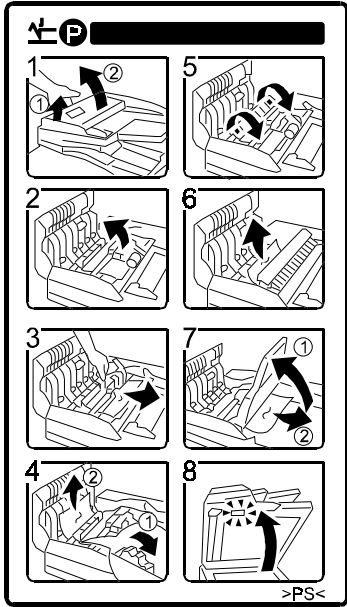
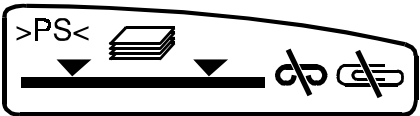
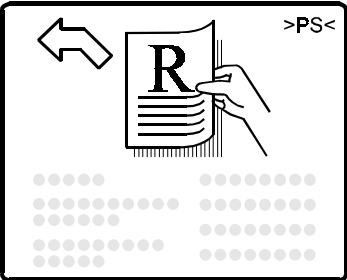
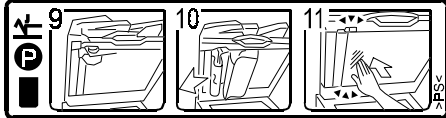
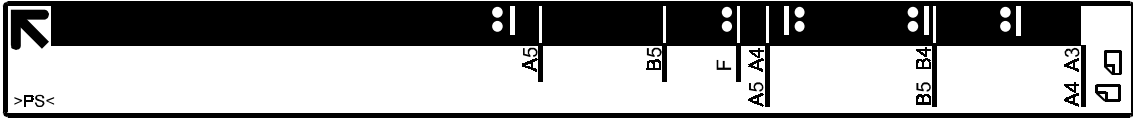
SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SWITCH	INDEX NO.	TEST PIN	INDEX NO.
R193	142	R203	148	R213	148	R223	148	R233	139	SW101	118	TP101	102
R194	145	R204	148	R214	138	R224	148	R234	146			TP102	102
R195	142	R205	148	R215	138	R225	148	R235	141			TP104	101
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R197	142	R207	148	R217	148	R227	148	R237	138			TP106	102
R198	145	R208	148	R218	148	R228	137	R238	146			TP108	101
R199	148	R209	148	R219	148	R229	142	R239	138			TP109	101
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10.Main Control Board (B351)

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104	1102 4202	Connector - 3P	
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106	1102 4205	CT Header - 6P	
107	1102 4206	Connector - 7P	
108	1102 4211	CT Header - 12P	
109	1102 4212	CT Header - 15P	
110	1102 4624	CT Connector - 7P	
111	1102 5007	CT Header - 14P	
112	1102 6301	Connector - 8P	
113	1102 6302	Connector - 9P	
114	1102 6957	Connector - 14P BLUE	
115	1104 0351	Fuse Holder	
116	1104 0588	Dip Socket - 28P	
117	1107 0884	Fuse - 5A 250V	
118	1204 2368	Dip Switch - DSS804	
119	1400 0856	Transistor - 2SC3928A	
120	1401 0944	IC - MOSFET-2SK1062	
121	1402 0596	Diode-array - DAP202K	
122	1403 0308	LED - Red - TLR102A	
123	1407 1596	TTLIC - SN74LS14NS	
124	1407 1772	IC - SN74HC04NS	
125	1407 2187	TTLIC - SN74LS07NS	
126	1407 2231	IC - TD62308AF	
127	1407 3394	IC - SN74HC541NS	
128	1407 4754	IC - HD6413002F16	
129	1408 0611	IC - 3771	
130	1408 1287	IC - SI-8501L	
131	1408 1394	IC - STK672-110	
132	1408 1503	IC - STK672-080	
133	1503 0214	Oscillator - 11.0592MHz	
134	1605 1153	Capacitor - 16pF ±5% 50V	
135	1607 0093	Coil	

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11.Decal and Documents

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3	A858 6062	Decal - Exposure Glass	1
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6	B351 6021	Decal - Original Size	1
7	B351 6031	Decal - Misfeed Removal	1
8	B351 6041	Decal - Misfeed Removal - Exit	1

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