

RICOH

PARTS CATALOG



FOR

SCHMIDT 1

RICOH COMPANY, LTD.

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PARTS CATALOG

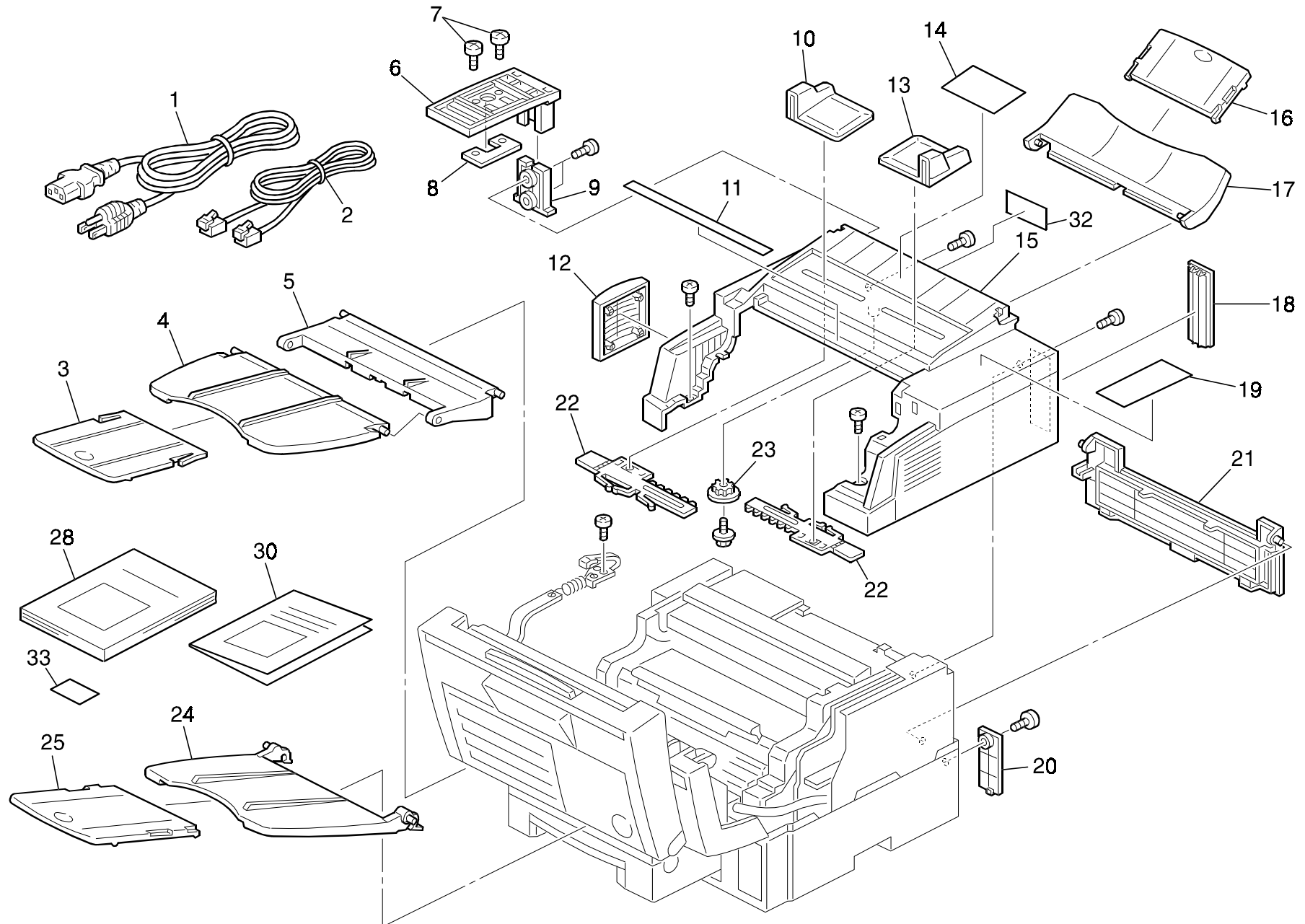
INTRODUCTION

This chapter instructs you the numbers and names of this parts on this machine.

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1.EXTERIOR (H545)

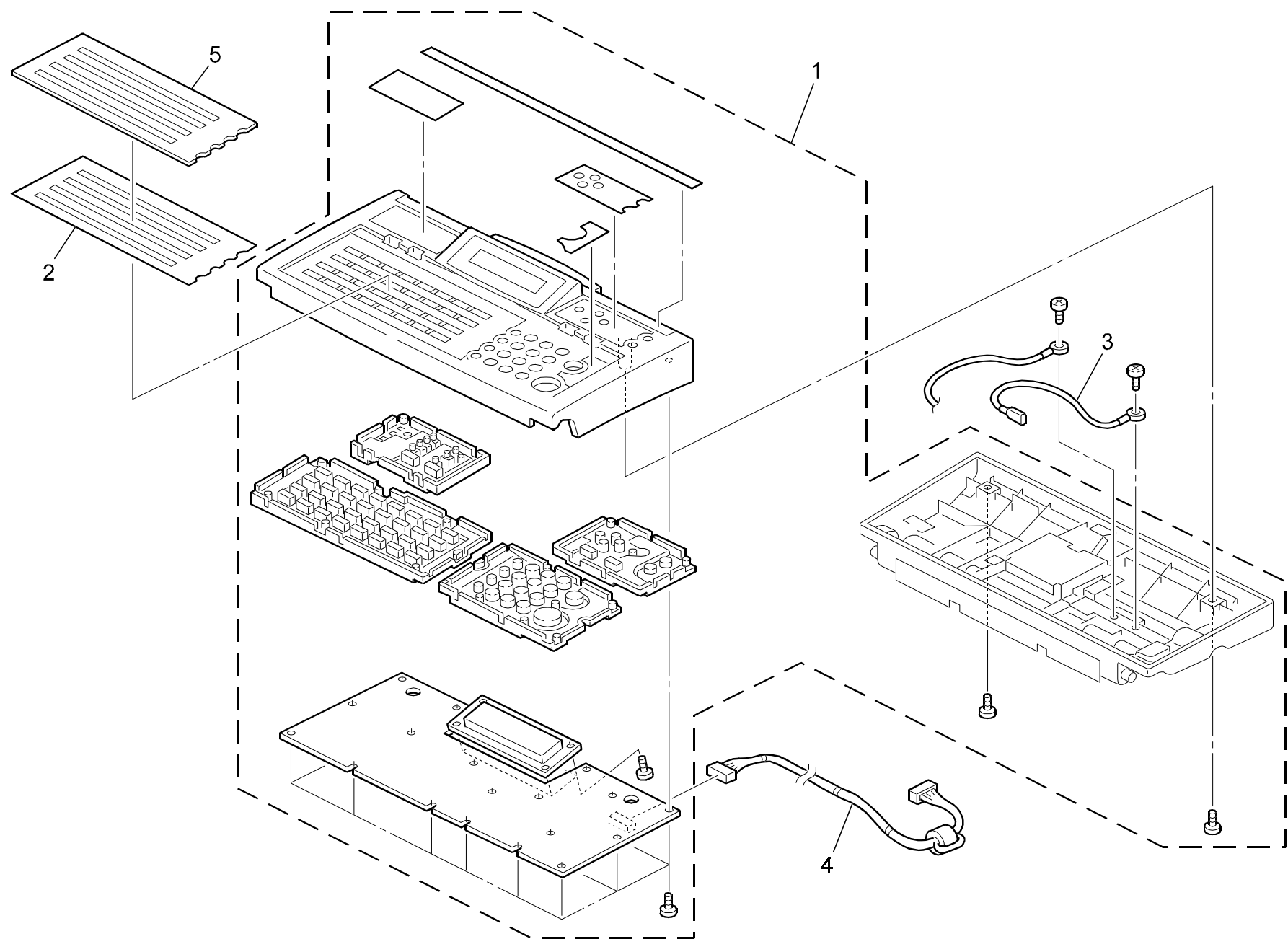


1.EXTERIOR (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 5020	Power Supply Cord - 115V (US)	1
1	H545 5021	Power Supply Cord - 230V (FRANCE)	1
1	1150 0024	Power Supply Cord - 230V (ASIA)	1
1	G800 8112	Power Supply Cord - 115V (Taiwan)	1
2	H523 5350	Telephone Cable (US/ASIA)	1
2	H545 5022	Telephone Cable (FRANCE)	1
3	H545 4315	Document Tray Extention	1
4	H545 4313	Document Tray	1
5	H545 4311	Document Table - 1	1
6	H545 4400	Handset Bracket	1
7	H081 4141	Screw - Handset	2
8	H505 4178	Stay - Hand Set	1
9	H545 4401	Handset Bracket Ass'y	1
10	H545 4303	Left Original Guide	1
11	H545 4360	Decal - Tonner Cartrige	1
12	H545 4330	Fan Cover	1
13	H545 4302	Right Original Guide	1
14	H545 1350	Decal - Original Position	1
15	H545 4300	Upper Cover	1
16	H545 4314	Document Table Extention	1
17	H545 4312	Document Table - 2	1
18	H545 4320	RS232C Interface Cover	1
19	H545 4368	Decal - Paper Jam	1
19	H545 4369	Decal - Paper Jam - Taiwan	1
20	H545 4206	PC Interface Cover	1
21	H545 4224	Upper Rear Cover	1
22	H545 4307	Rack - Original Guide	2
23	H545 4308	Gear - Original Guide - 16Z	1
24	H545 2130	Copy Tray	1
25	H545 2131	Copy Tray Extention	1
28	H545 8600	Operation Manual (RIC-US)	1
28	H545 8629	Operation Manual (NRG-ASIA)	1

INDEX	PARTS NO.	DESCRIPTION	Note
28	H545 8609	Operation Manual (RIC-ASIA)	1
28	H545 8630	Operation Manual (SAVIN)	1
28	H545 8607	Operation Manual (Taiwan)	1
30	H545 8670	Installation Procedure - US	1
30	H545 8679	Installation Procedure - ASIA	1
32	H516 4153	Decal - Laser (EU/ASIA)	1
33	H545 3122	Decal F4 (ASIA)	1

2.OPERATION PANEL (H545)



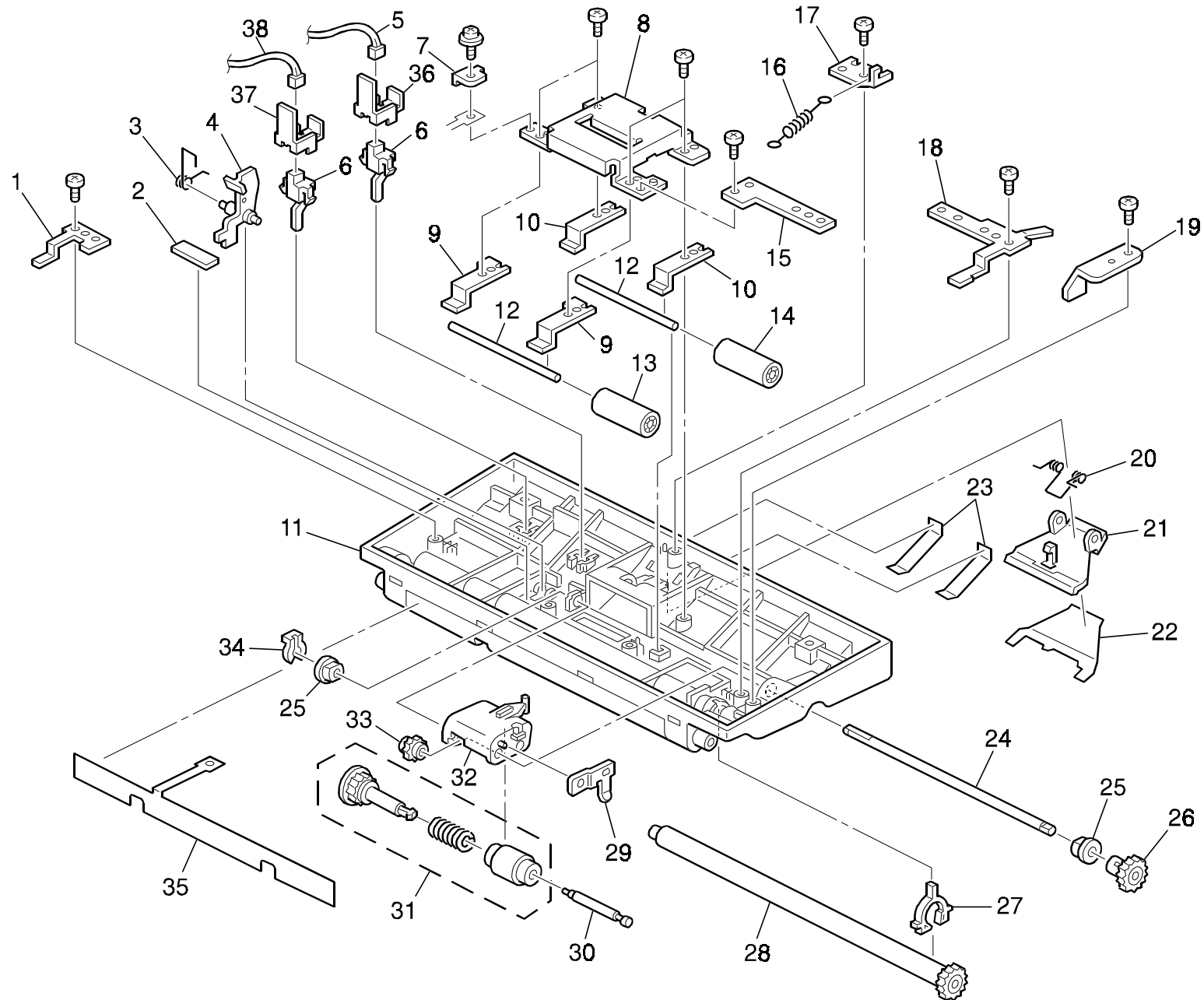
2.OPERATION PANEL (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 4600	Operation Panel Ass'y (RIC-US)	1
1	H545 4602	Operation Panel Ass'y (RIC-EUROPE)	1
1	H545 4603	Operation Panel Ass'y (RIC-ASIA)	1
1	H545 4605	Operation Panel Ass'y (SAVIN)	1
1	H545 4606	Operation Panel Ass'y (INFOTEC)	1
1	H545 4608	Operation Panel Ass'y (NRG-ASIA)	1
1	H545 4609	Operation Panel Ass'y (NRG-EUROPE)	1
1	H545 4611	Operation Panel Ass'y (Taiwan)	1
2	H545 4655	Quick Dial Sheet - English	1
2	H545 4666	Quick Dial Sheet - Taiwan	1
3	H545 5150	Grounding Wire - OPU	1
4	H545 5136	OPU Harness	1
5	H545 4656	Quick Dial Cover	1



INDEX	PARTS NO.	DESCRIPTION	Note

3.UPPER SCANNER UNIT (H545)

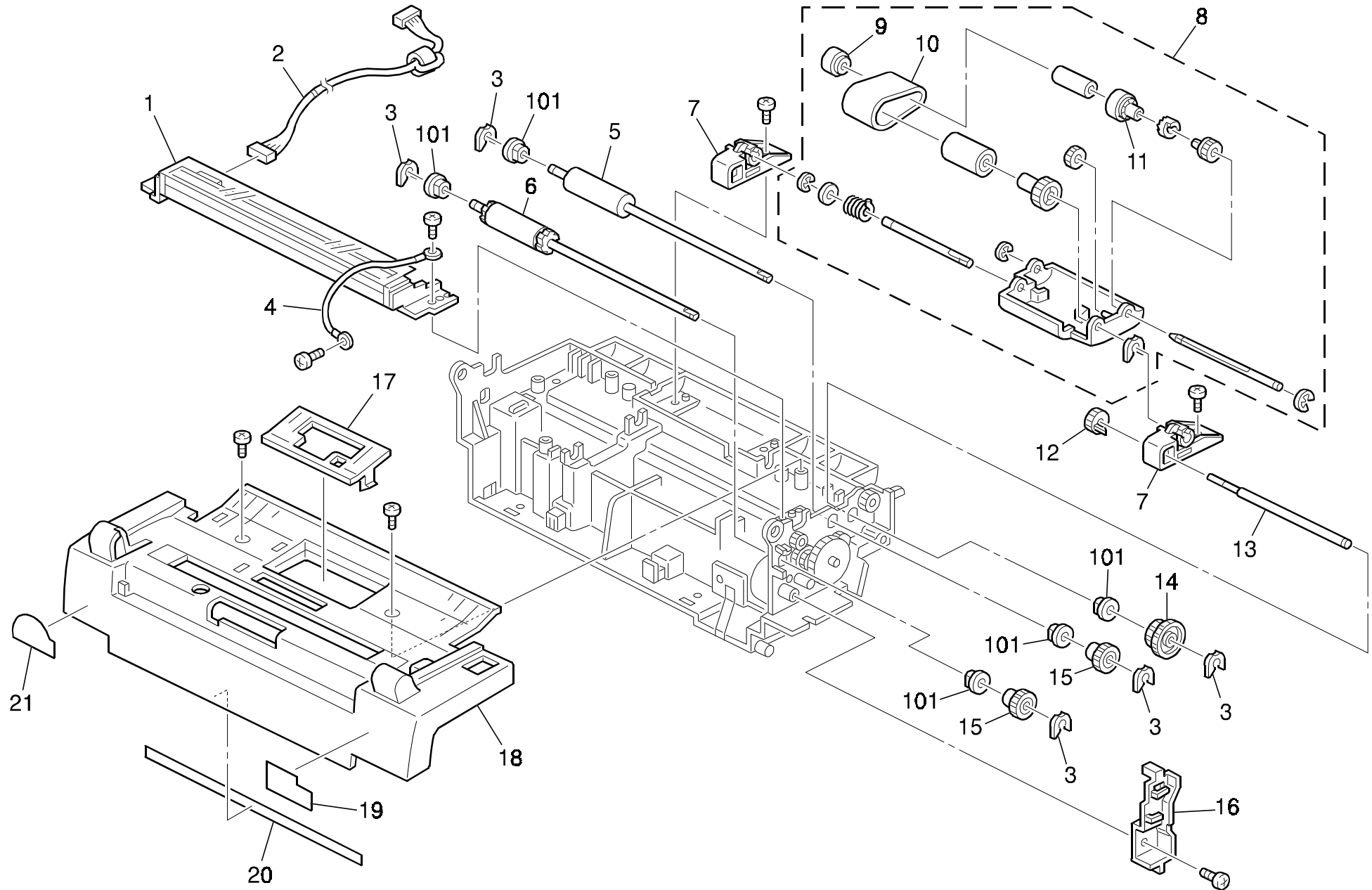


3.UPPER SCANNER UNIT (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 1124	Left Pressure Plate	1
2	H545 1538	Sheet - S2	1
3	H545 1127	Spring - S2	1
4	H545 1122	Actuator - S2	1
5	H545 5112	OPU-S1 Harness	1
6	H545 5054	Document Sensor - S1/ Width Sensor - S3	2
7	H545 1537	Discharge Brush Holder	1
8	H545 1150	Support Plate	1
9	H545 1117	Pressure Roller R2	2
10	H545 1116	Pressure Roller R1	2
11	H545 1500	Upper Scanner Guide	1
12	H545 1105	Pressure Roller Shaft	2
13	H545 1136	Press Roller - R2	1
14	H545 1106	Pressure Roller	1
15	H545 1132	Upper Ground Plate	1
16	H545 1528	Separation Spring	1
17	H545 1536	Spring Anchor	1
18	H545 1123	Right Pressure Plate	1
19	H545 1535	Upper Guide Stopper	1
20	H545 1555	Spring - Pressure Plate	1
21	H545 1532	Pressure Plate - Pick-up	1
22	H545 1617	Pick-up Sheet	1
23	H545 1620	Pick-up Sheet 2	2
24	H545 1504	Reverse Position Shaft	1
25	H068 2102	Bushing - M6/M10 - 9	2
26	H545 1505	Gear - Separation - Right	1
27	H545 1118	Platen Roller Holder	1
28	H545 1103	Platen Roller	1
29	H545 1540	Reverse Pressure Plate	1
30	H545 1503	Reverse Roller Shaft	1
31	H545 1502	Separation Roller	1

INDEX	PARTS NO.	DESCRIPTION	Note
32	H545 1501	Bracket - Separation Roller	1
33	H545 1506	Left Separation Gear - 24z	1
34	5447 2681	Snap Ring	1
35	H545 1126	Discharge Brush	1
36	H545 1161	Stopper S1	1
37	H545 1162	Stopper S3	1
38	H545 5113	OPU - S3 Harness	1

4.LOWER SCANNER UNIT (H545)

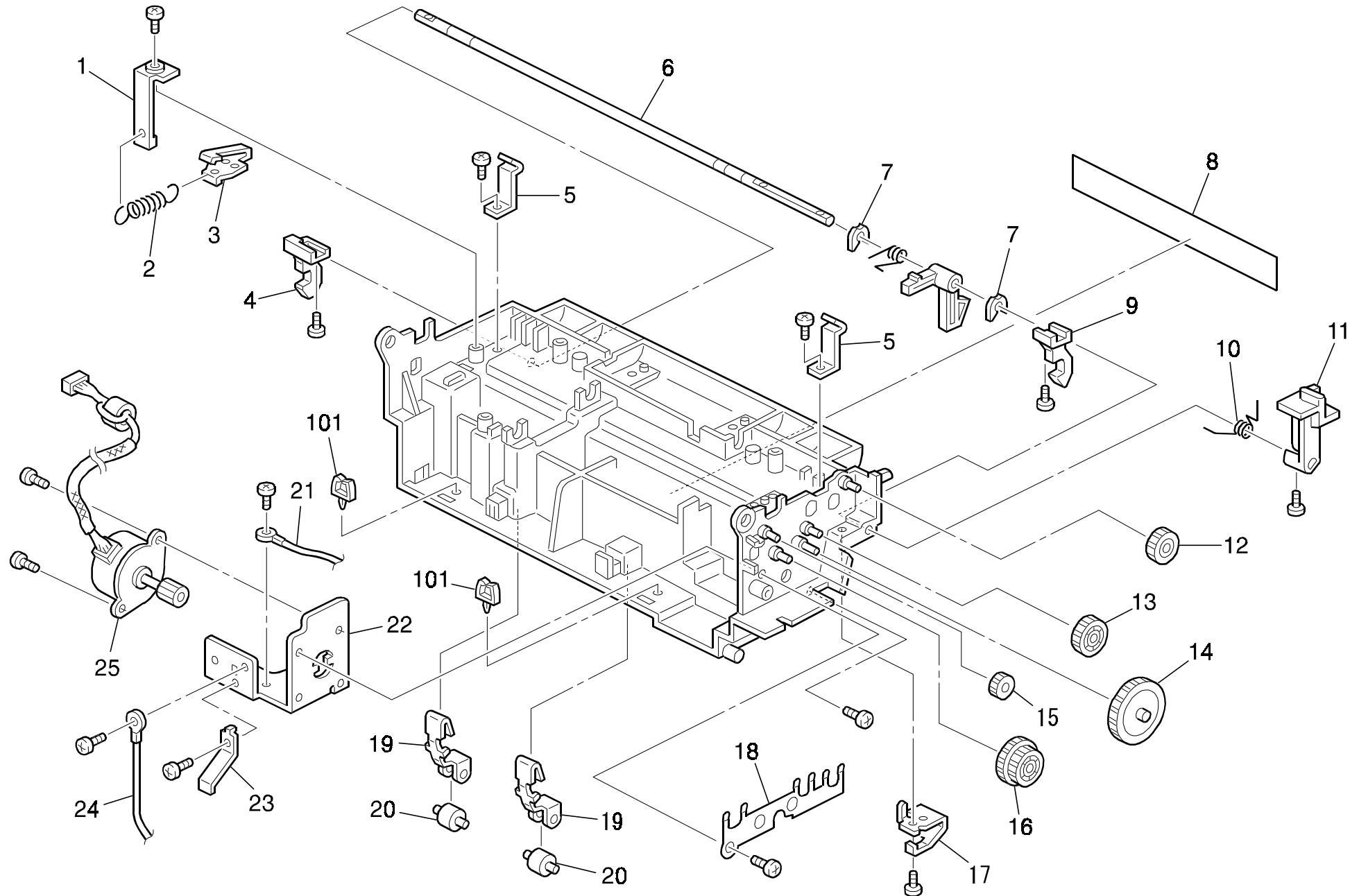


4.LOWER SCANNER UNIT (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 1030	Contact Image Sensor Ass'y -A4	1
1	H545 1031	Contact Image Sensor Ass'y - B4 (Taiwan)	1
2	H545 5109	CIS Harness	1
3	H515 3543	E-ring - Jre4	5
4	H545 5152	Grounding Wire - Left Side	1
5	H545 1101	R1 Roller	1
6	H545 1102	R2 Roller	1
7	H545 1522	Feed Roller Holder	2
8	H545 1040	ADF Roller Unit	1
9	H545 1611	Left Pick-up Roller	1
10	H545 1550	Transfer Feed Belt	1
11	H545 1610	Right Pick-up Roller	1
12	H545 1509	ADF Gear - Left	1
13	H545 1607	Drive Shaft	1
14	H545 1508	ADF Gear - Right	1
15	H545 1113	Feed Roller Gear	2
16	H545 1160	Harness Guide	1
17	H545 1526	ADF Roller Cover	1
18	H545 1104	Scanner Cover	1
19	H553 3861	Decal - Super G3	1
20	H545 2149	Discharge Brush	1
21	H516 4095	Decal - Energystar	1

INDEX	PARTS NO.	DESCRIPTION	Note
101	0805 3480	Bushing - 6mm	

5. SCANNER DRIVE (H545)



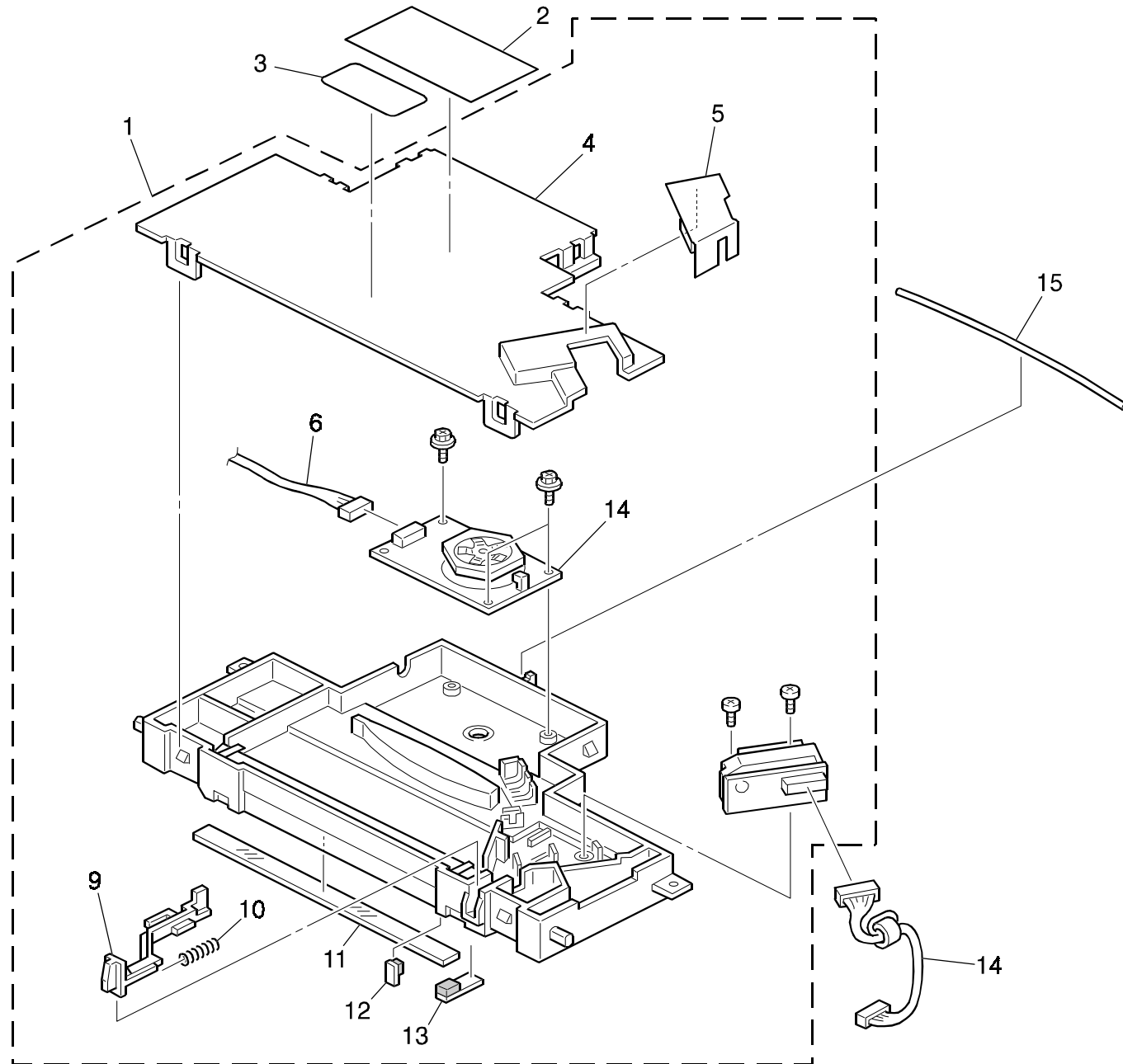
5. SCANNER DRIVE (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 4304	Scanner Stopper	1
2	H545 4327	Scanner Stopper Spring	1
3	H545 4306	Spring Plate	1
4	H545 4107	Left Release Plate	1
5	H545 1114	Lock Spring Plate	2
6	H545 4104	Scanner Release Shaft	1
7	H515 3543	E-ring - Jre4	2
8	H545 1191	Decal - High Temperature	1
9	H545 4106	Right Release Plate	1
10	H545 4108	Scanner Lock Spring	1
11	H545 4103	Scanner Release Lever	1
12	H545 1518	Idle Gear - Separation	1
13	H545 1111	Idle Gear - R1	1
14	H545 1110	Decelerator Gear	1
15	H545 1108	Idle Gear - Platen Rller	1
16	H545 1109	Idle Gear - R2	1
17	H545 4305	Spring Plate	1
18	H545 1125	Grounding Plate	1
19	H545 2132	Exit Roller Spring Plate	2
20	G012 4865	Exit Roller	2
21	H545 5151	Grounding Wire	1
22	H545 1107	Motor Bracket	1
23	H545 2154	Grounding Plate	1
24	H545 5152	Grounding Wire - Left Side	1
25	H545 1070	Scanner Motor	1



INDEX	PARTS NO.	DESCRIPTION	Note
101	1105 0229	Clamp	

6.LD UNIT (H545)



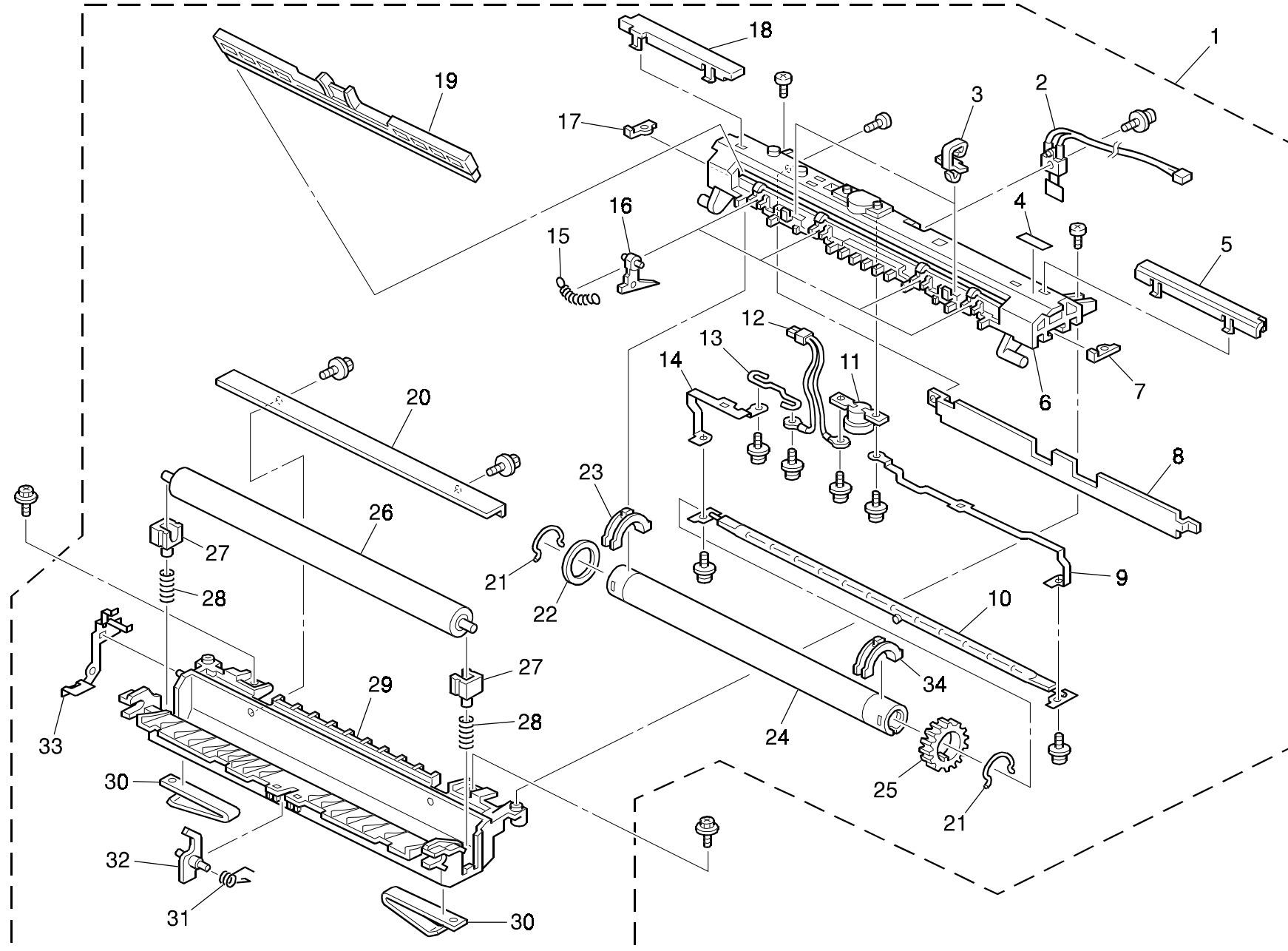
6.LD UNIT (H545)



INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 2600	Laser Unit	1
2	H521 4056	Decal LD	1
3	H510 4170	Caution Label - Laser	1
4	H545 2602	Optical Housing Cover	1
5	H545 2640	Shield - laser Diode	1
6	H545 5106	Polygonal Motor Harness	1
7	H545 5107	Lddr Harness	1
8	H545 2428	Shaft Spring	1
9	H545 2606	Shield Plate	1
10	H545 2604	Pressure Spring	1
11	H545 2605	Shield Glass	1
12	H545 2642	Shield - Spring Plate	1
13	H545 2643	Shield-shield Glass	1
14	H545 5068	Polygonal Mirror Motor - DC24V 0.3A	1

INDEX	PARTS NO.	DESCRIPTION	Note

7.FUSING UNIT (H545)

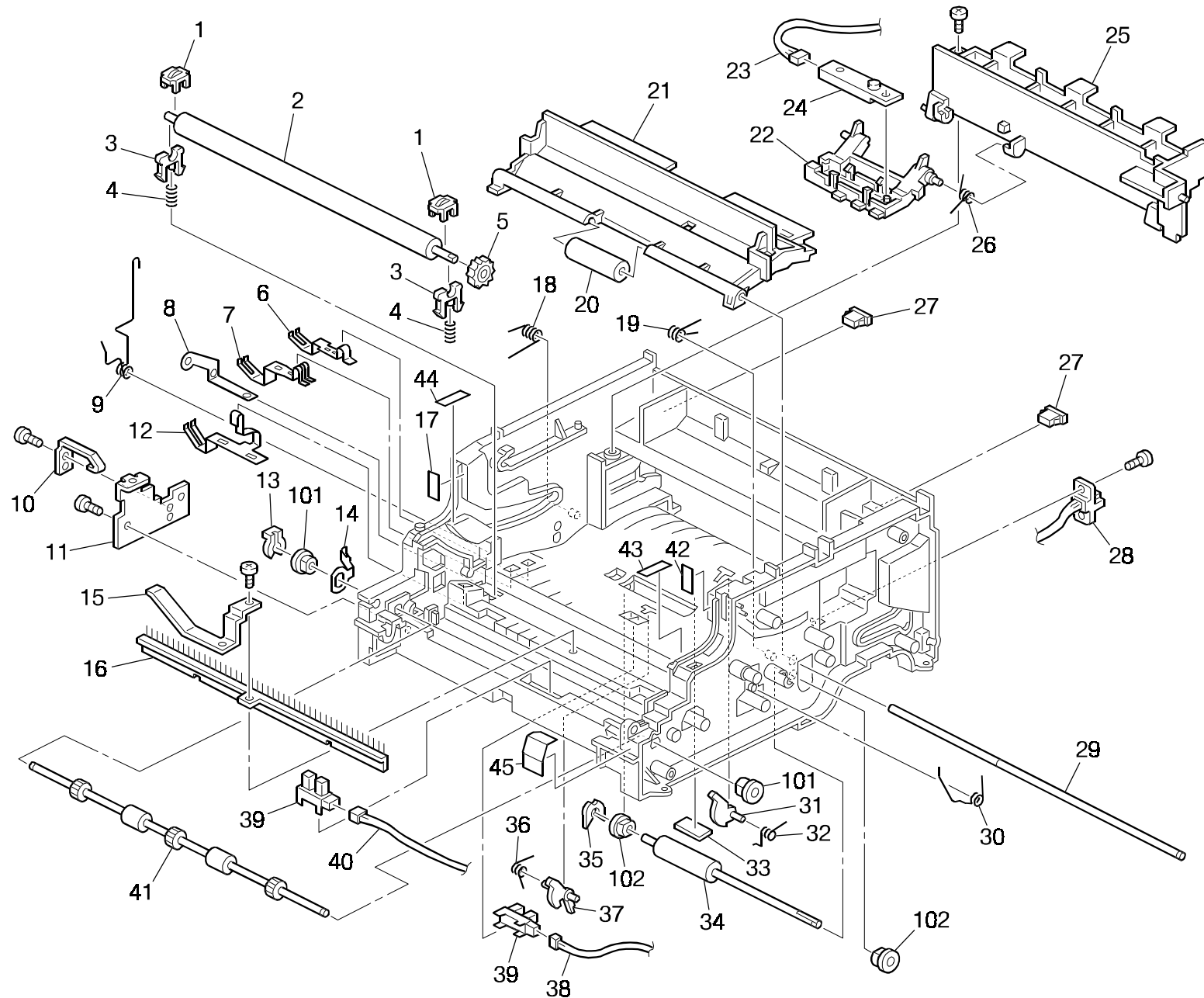


7.FUSING UNIT (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 2100	Fusing Unit - 115V	1
1	H545 2102	Fusing Unit - 230V (EUROPE)	1
1	H545 2103	Fusing Unit - 230V (ASIA)	1
2	H523 5020	Fusing Thermistor	1
3	H545 2148	Spring Plate - Cleaning	1
4	H545 2157	Decal - Warning (High Temperature)	1
5	H545 2144	Upper Right Cover	1
6	H545 2112	Upper Fusing Case	1
7	H545 2142	Plate - Fusing Lamp	1
8	H545 2156	Fusing Bracket	1
9	H545 2137	Right Terminal	1
10	H545 5059	Fusing Lamp - 115V	1
10	H545 5074	Fusing Lamp - 230V	1
11	H515 5017	Thermostat - Fusing	1
12	H545 5173	Fusing Lamp Harness	1
13	H516 5018	Thermofuse (EUROPE)	1
13	H545 5174	Jumper Harness (US/ASIA)	1
14	H545 2138	Left Terminal	1
15	H545 2129	Spring - Hot Roller Stripper	1
16	H545 2117	Hot Roller Stripper	1
17	H545 2141	Left Plate - Fusing Lamp	1
18	H545 2143	Upper Left Cover	1
19	H545 2109	Cleaning Pad	1
20	H545 2113	Entrance Guide Plate	1
21	H545 2119	Roller Stopper	2
22	H515 2141	Spacer - Hot Roller	1
23	H545 2137	Right Terminal	1
24	H545 2110	Hot Roller	1
25	H545 2118	Hot Roller Gear	1
26	H545 2111	Pressure Roller	1
27	H545 2169	Bushing - Pressure Roller	2
28	H545 2122	Pressure Spring	2

INDEX	PARTS NO.	DESCRIPTION	Note
29	H545 2126	Lower Fusing Case	1
30	H545 2158	Spring Plate - Fusing Pressure	2
31	H545 2146	Spring - Fusing Exit	1
32	H545 2128	Paper Exit Feeler	1
33	H545 2147	Roller Grounding Plate	1
34	H515 2137	Bearing - hot Roller	1

8.PAPER TRANSFER (H545)

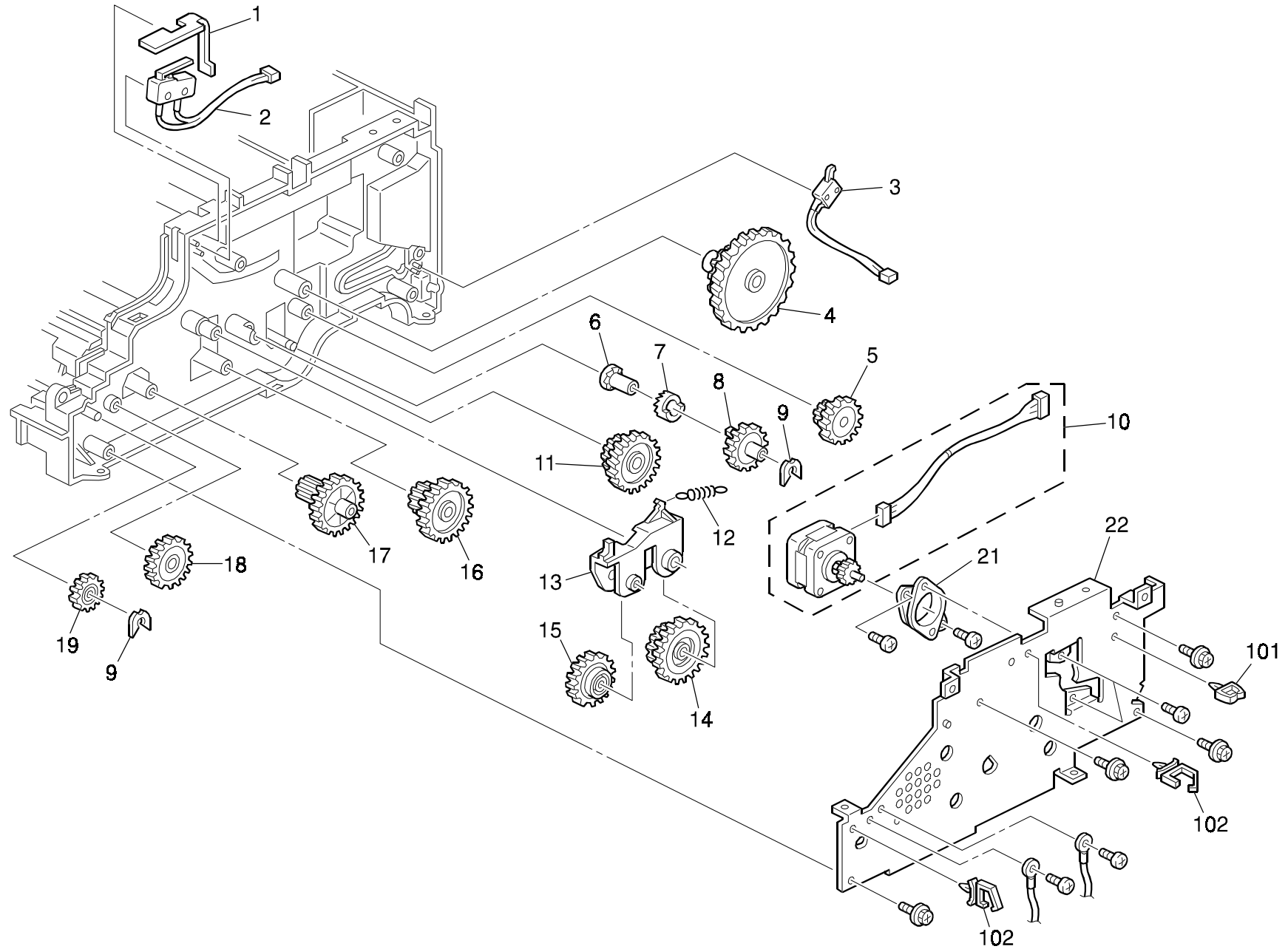


8.PAPER TRANSFER (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	G025 3407	Bushing - Transfer Roller	2
2	G025 3410	Transfer Roller	1
3	G025 3403	Transfer Roller Bracket	2
4	G025 3404	Spring - Transfer Roller	2
5	G025 3405	Gear - 28Z	1
6	H545 2422	Terminal	1
7	H545 2421	Development Terminal	1
8	H545 2424	Transfer Terminal	1
9	H545 2420	Grounding Terminal	1
10	H545 2152	Grounding Plate - Fusing Unit	1
11	H545 4102	Left Bracket	1
12	H545 2423	Charge Terminal	1
13	5447 2681	Snap Ring	1
14	H545 2153	Grounding Plate - Exit Roller	1
15	H545 2432	Grounding Plate	1
16	H545 2431	Discharge Brush - Transfer Roller	1
17	H545 4130	Left Guide Decal - Cartridge	1
18	H545 2401	Spring - Feed Roller - Left	1
19	H545 2402	Spring - Feed Roller - Right	1
20	H545 2404	Tension Roller	1
21	H545 3152	Upper Paper Guide	1
22	H545 2418	Tonner End Sensor Holder	1
23	H545 5102	Harness - Toner End Sensor	1
24	H545 5078	Toner End Sensor	1
25	H545 2417	Motor Cover	1
26	H545 2419	Spring - Tonner End Sensor	1
27	AA02 1030	Magnet Catch	2
28	H545 5116	Main Harness - Multch Purpose	1
29	H545 2403	Tension Roller Shaft	1
30	H545 2430	Lock Spring	1
31	H545 3119	Actuator - Paper End	1
32	H545 3123	Spring - Paper End Sensor	1

INDEX	PARTS NO.	DESCRIPTION	Note
33	H545 3196	Sheet - PES	1
34	H545 2405	Feed Roller	1
35	H515 3543	E-ring - Jre4	1
36	H545 2426	Spring - Registration Sensor	1
37	H545 2425	Actuator - Registration Sensor	1
38	H545 5101	Resist Harness	1
39	H523 5003	Photointerruptor	2
40	H545 5105	Exit Sensor Harness	1
41	H545 2124	Exit Roller	1
42	H545 4131	Right Guide Decal - Cartridge	1
43	H545 4136	Right Front Decal - Cartridge	1
44	H545 4135	Left Front Decal - Cartridge	1
45	H545 4134	Harness Guide Mylar	1
101	0805 3366	Bushing - 6mm	
102	0805 3480	Bushing - 6mm	

9.DRIVE SECTION (H545)

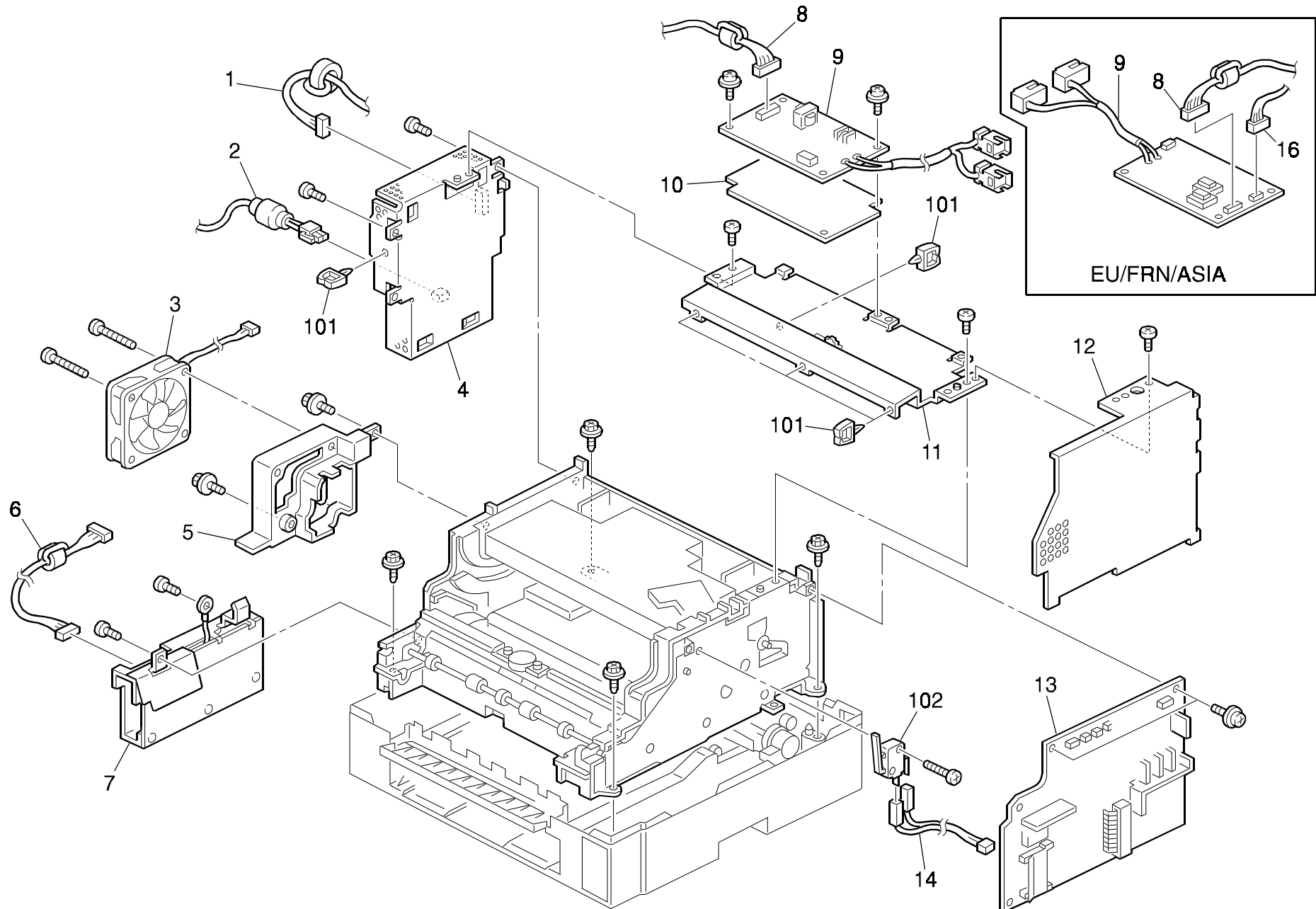


9.DRIVE SECTION (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 2427	Spring Plate	1
2	H545 5067	Interlock SW - 5V	1
3	H545 5060	Lever Switch Ass'y	1
4	H545 2411	Coupled Gear - 105/32Z	1
5	H545 2409	Coupled Gear 33/19Z	1
6	H545 2408	Feed Roller Color - Drive	1
7	H545 2407	Feed Roller Color	1
8	H545 2406	Gear - Feed Roller - 43Z	1
9	H515 3543	E-ring - Jre4	2
10	H545 5066	Main Motor - DC 20W	1
11	H545 2412	Coupled Gear - 41/23Z	1
12	H545 2410	Release Spring	1
13	H545 2416	Gear Link Arm	1
14	H545 2414	Coupled Gear - 41/40Z	1
15	H545 2415	Gear - 43Z	1
16	H545 2413	Coupled Gear - 54/23Z	1
17	H545 2150	Fusing Drive Gear - 18Z	1
18	H545 2151	Gear - 46Z	1
19	H545 2133	Gear Paper Exit Roller - 21Z	1
21	H545 2429	Stepping Motor Dumper	1
22	H547 4101	Right Side Plate	1

INDEX	PARTS NO.	DESCRIPTION	Note
101	1105 0234	Clamp	1
102	1105 0460	Clamp	1

10.ELECTRICAL SECTION (H545)

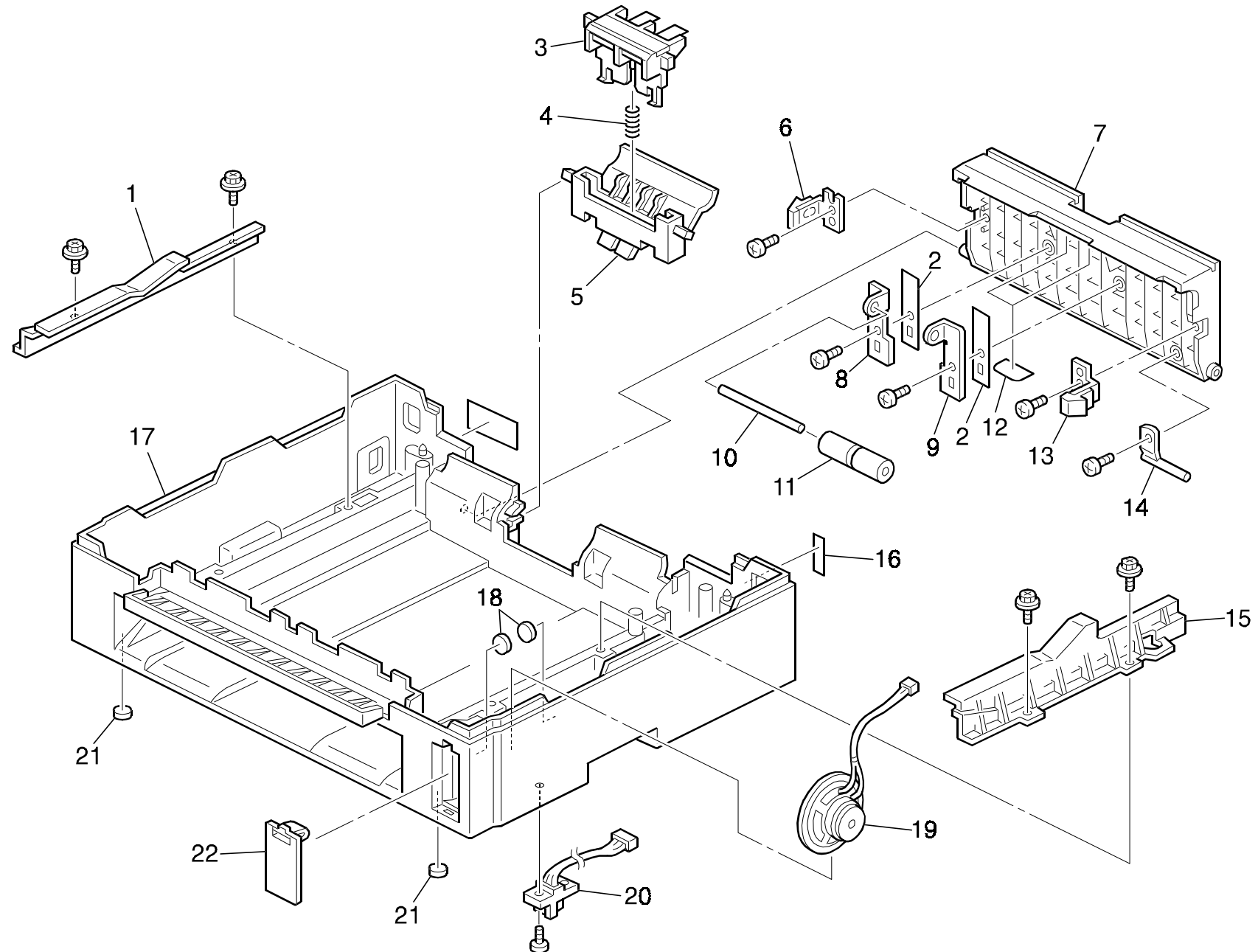


10.ELECTRICAL SECTION (H545)

INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 5114	PSU Harness	1
2	H545 5135	Harness PSU-Heater	1
3	H545 5065	Fan Motor	1
4	H545 5000	PCB - PSU - 115V	1
4	H545 5001	PCB - PSU - 230V	1
4	H545 5003	PCB - PSU - 110V Taiwan	1
5	H545 4120	Fan Motor Duct	1
6	H545 5110	Harness PP (US/ASIA/Taiwan)	1
6	H545 5134	Harness PP (EUROPE)	1
7	H545 5010	Power Pack	1
8	H545 5104	NCU 1 Harness (US/Taiwan)	1
8	H545 5125	NCU 2 Harness (EUROPE/ASIA)	1
9	H545 5930	PCB-NCU (US/Taiwan)	1
9	H545 5931	PCB-NCU (EUROPE/ASIA)	1
9	H545 5932	PCB-NCU (FRANCE)	1
10	H545 4111	Shielding Sheet - NCU	1
11	H545 4105	NCU Stay	1
12	H545 4109	Shielding Plate - FCU	1
13	H545 6120	PCB FCU (US/Taiwan)	1
13	H545 6135	PCB FCU (EUROPE)	1
14	H545 5119	Safety Switch Harness	1
16	H545 5126	Harness - NCU3 (EUROPE/ASIA)	1

INDEX	PARTS NO.	DESCRIPTION	Note
101	1105 0234	Clamp	
102	1204 2355	Micro Switch - AM51632A531	

11.PAPER FEED UNIT (H545)





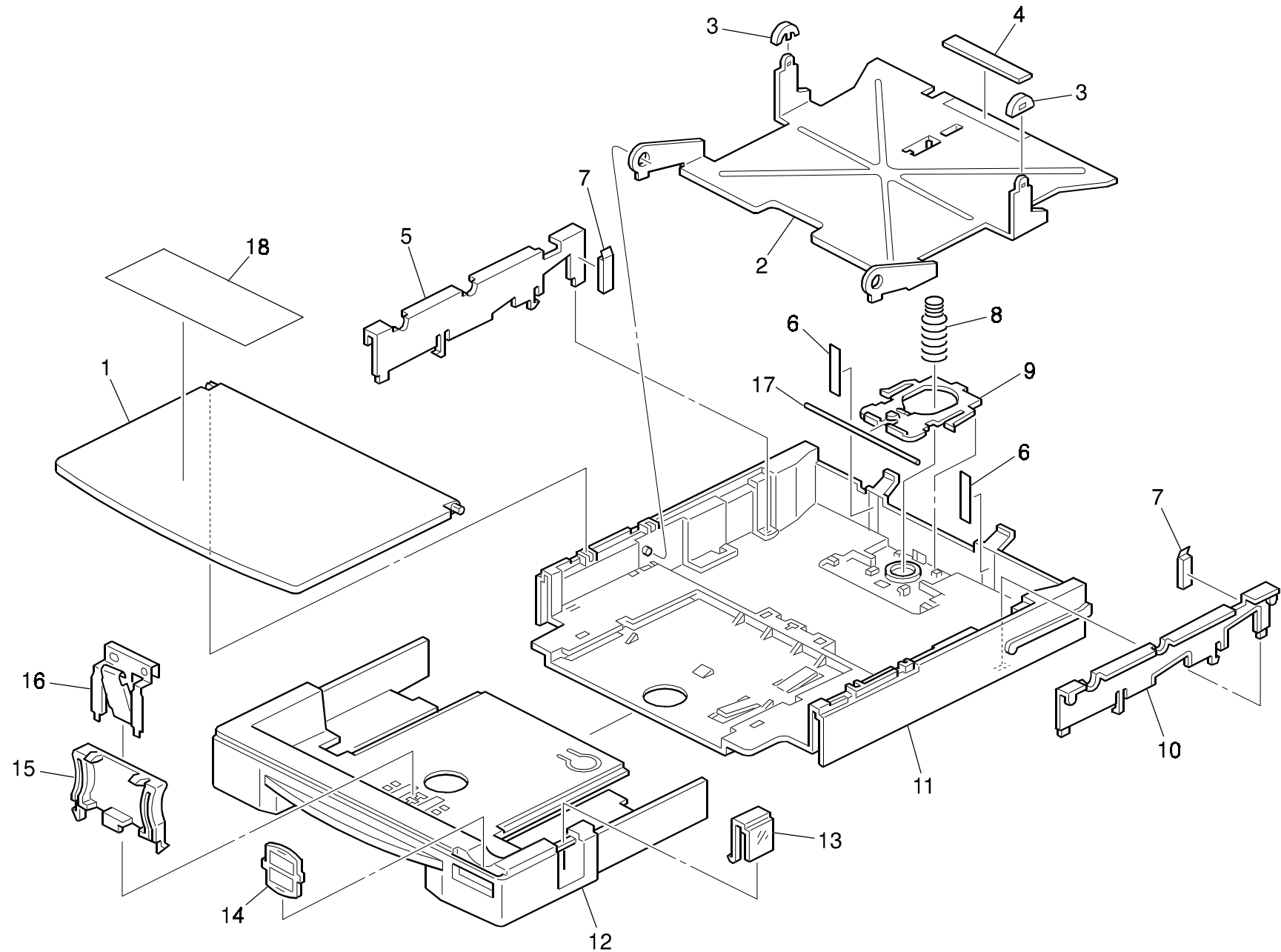
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INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 3125	Paper Feed Roller	1
2	H515 3543	E-ring - Jre4	9
3	H545 3141	Paper Transfer Roller	1
4	H545 3144	Feed Roller Shaft	1
5	H545 3127	Shaft Stopper	1
6	H545 3180	Position Sensor Bracket	1
7	H545 5076	Paper Transfer Sensor	1
8	H001 4221	Harness Clamper	2
9	H545 4121	Grounding Plate - PSU	1
10	H545 3132	Actuator - Paper Cassette	1
11	H545 5133	Paper Feed Sensor Harness	1
12	H523 5003	Photointerrupter	2
13	H545 3128	Paper Feed Bracket	1
13	H545 3204	Paper Feed Bracket - Taiwan	1
14	H545 3176	Idler Gear 4 - 14Z	1
15	H545 3177	Gear 4 - 14Z	1
16	H545 3160	Micro Switch Holder	1
17	H545 5061	Rear Cover Sensor Ass'y	1
18	H545 5103	Harness - Cover Open Sensor	1
19	H545 5077	Magnetic Clutch - MIC2.5NE 5W	1
20	H545 5063	Paper Feed Motor	1
21	H545 5151	Grounding Wire	1
22	H545 3189	Magnetic Clutch Bracket (Taiwan)	1
23	H545 3175	Idler Gear 3 - 15Z	2
24	H545 3174	Idler Gear 2 - 14Z	1
25	H545 3173	Idler Gear 1 - 23Z	1
26	H545 3171	Gear 2 - 31Z	2
26	H545 3199	Gear 2 - 31Z (Taiwan)	1
27	H545 3172	Gear 3 - 16Z	2
28	H545 3170	Gear 1 - 14Z	2
29	H545 3130	Idle Gear - 2nd - 24Z	1
30	H545 3178	Spring - Gear	1

INDEX	PARTS NO.	DESCRIPTION	Note
31	H545 2433	Ground Plate - Feed Roller -Plotter	1
32	H545 3179	Spacer	1
101	0805 3480	Bushing - 6mm	
102	1607 1046	Ferrite Core TC-15-10-12-FC	
103	0807 2022	Washer - 3.3x10x0.5mm	

13.PAPER TRAY (H545)



13.PAPER TRAY (H545)



INDEX	PARTS NO.	DESCRIPTION	Note
1	H545 3103	Cassette Cover	1
2	H545 3102	Bottom Plate	1
3	H545 3111	Bottom Plate Cap	2
4	H545 3115	Bottom Plate Pad	1
5	H545 3105	Left Side Fence Ass'y	1
6	H545 3192	Cassette Film	2
7	H545 3114	Side Fence Sheet	2
8	H545 3110	Spring	1
9	H545 3109	Bottom Plate Lever	1
10	H545 3104	Right Side Fence Ass'y	1
11	H545 3100	Cassette Ass'y	1
12	H545 3101	Cassette Slider	1
13	H545 3112	Paper Level Plate	1
14	H545 3107	Paper Size Selector	1
15	H545 3106	End Fence	1
16	H545 3113	End Fence Spring	1
17	H545 3116	Lever Spring	1
18	H545 4362	Decal - Cassette Cover	1
22	H547 3189	Bracket-magnetic Clutch	1

INDEX	PARTS NO.	DESCRIPTION	Note

PARTS INDEX

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H545 1104	Scanner Cover	9- 18
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H545 1108	Idle Gear - Platen Rller	11- 15
H545 1109	Idle Gear - R2	11- 16
H545 1110	Decelerator Gear	11- 14
H545 1111	Idle Gear - R1	11- 13
H545 1113	Feed Roller Gear	9- 15
H545 1114	Lock Spring Plate	11- 5
H545 1116	Pressure Roller R1	7- 10
H545 1117	Pressure Roller R2	7- 9
H545 1118	Platen Roller Holder	7- 27
H545 1122	Actuator - S2	7- 4
H545 1123	Right Pressure Plate	7- 18
H545 1124	Left Pressure Plate	7- 1
H545 1125	Grounding Plate	11- 18
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H545 1132	Upper Ground Plate	7- 15
H545 1136	Press Roller - R2	7- 13
H545 1150	Support Plate	7- 8
H545 1160	Harness Guide	9- 16
H545 1161	Stopper S1	7- 36
H545 1162	Stopper S3	7- 37
H545 1191	Decal - High Temperature	11- 8

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