

SCHMIDT 2 (H546)

PARTS CATALOG

First edition, September 2001

Ricoh Company, LTD.

SCHMIDT 2 (H546)

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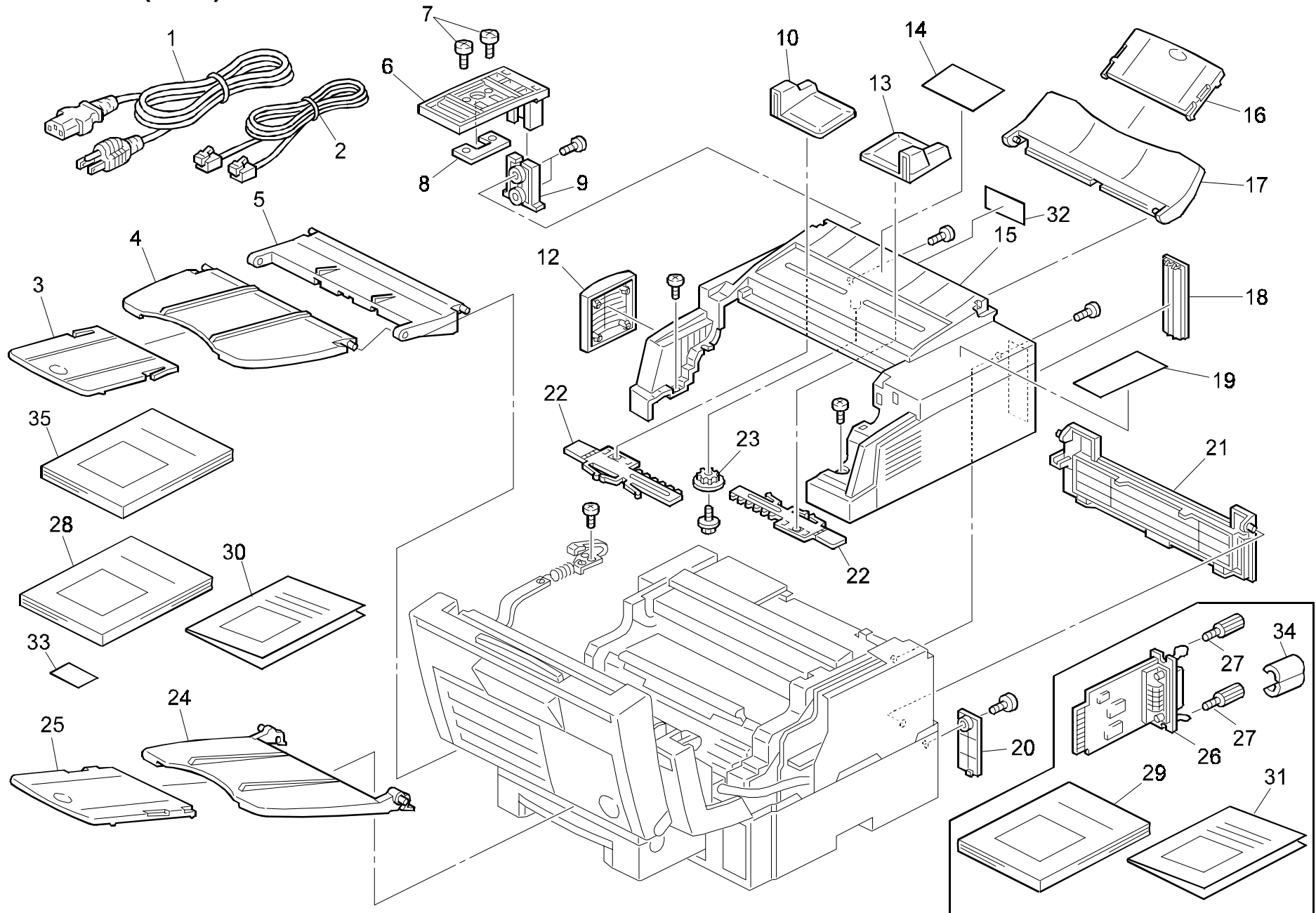
This catalog gives the numbers and names of parts on this machine.

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September ,20 ' 2001

1.EXTERIOR (H546)

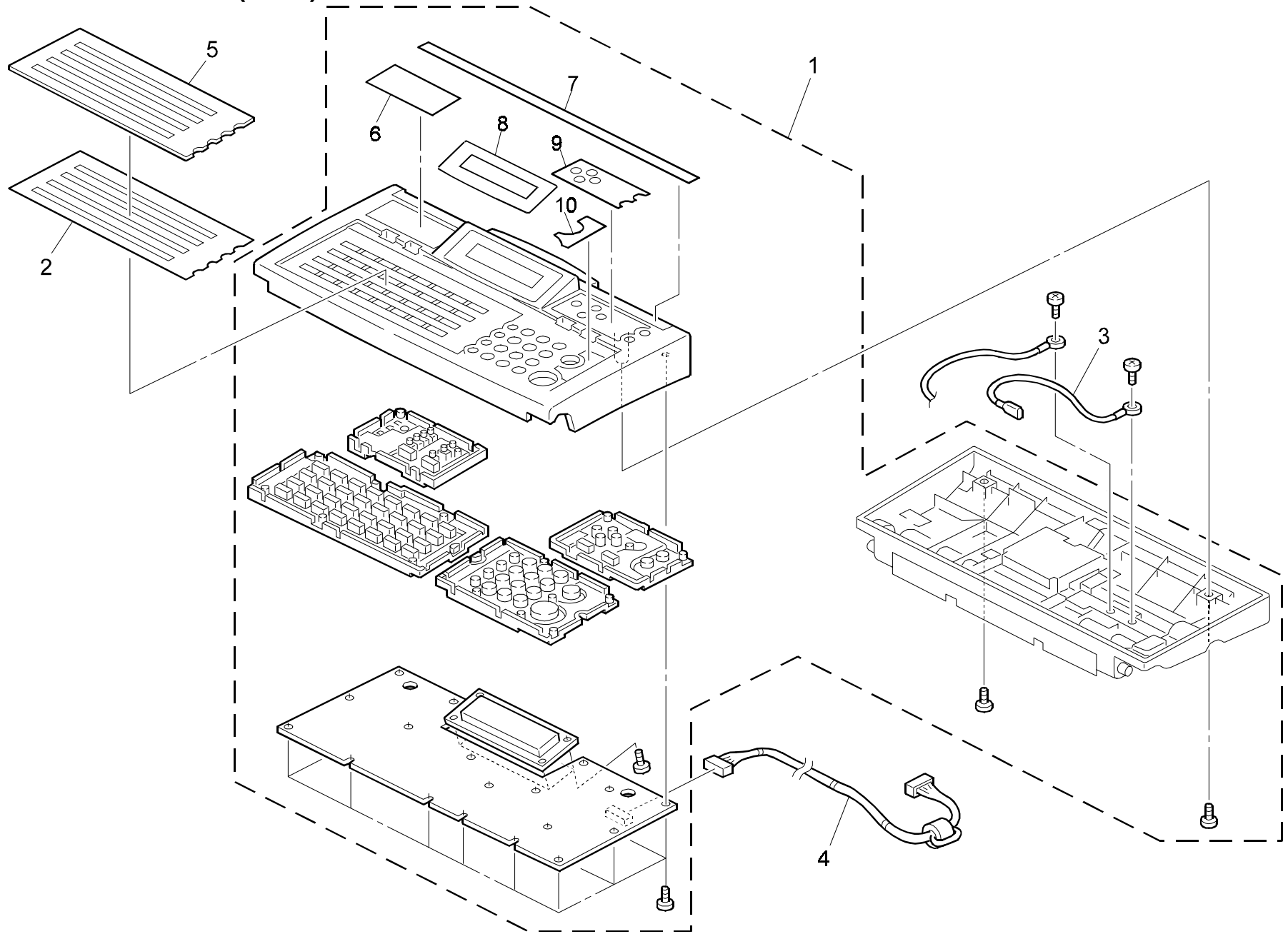


1.EXTERIOR (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
1	1150 0024	Power Supply Cord - 230V (ASIA)	1
1	H545 5020	Power Supply Cord - 115V (US)	1
2	H523 5350	Telephone Cable (US/ASIA)	1
2	H545 5022	Telephone Cable (FRANCE)	1
3	H545 4315	Document Tray Extention (US/ASIA)	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
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 (US/ASIA)	1
17	H545 4312	Document Table - 2	1
18	H545 4320	RS232C Interface Cover	1
19	H546 4385	Decal - Jampaper Removal-na	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 (US/AISA)	1
26	H545 6080	PC I/F Board	1
27	G012 1165	Knob Screw - M3X5	2
28	H546 8600	Basic Operation Manual (RIC NA)	1
28	H546 8609	Basic Operation Manual (ASIA)	1
28	H546 8629	Basic Operation Manual (NRG-ASIA)	1
28	H546 8630	Basic Operation Manual (SVN)	1
28	H546 8640	Basic Operation Manual (LAN)	1
29	H545 7214	Operation Manual - Win Styler (US)	1
29	H545 7216	Operation Manual - Win Styler (EUROPE)	1

Index No.	Part No.	Description	Q'ty Per Assembly
30	H546 8670	Installation Procedure:NA	1
30	H546 8679	Installation Manual - ASIA	1
31	H529 8710	Operation Manual - Bitware (US/ASIA)	1
32	H516 4153	Decal - Laser (EU/ASIA)	1
33	H545 3122	Decal F4 (ASIA)	1
34	H551 7258	Ferrite Core (US/ASIA)	1
35	H546 8641	Advanced Operation Manual (LAN)	1
35	H546 8700	Advanced Operation Manual (RIC NA)	1
35	H546 8701	Advanced Operation Manual (SVN)	1
35	H546 8702	Advanced Operation Manual (RIC ASIA)	1
35	H546 8703	Advanced Operation Manual (NRG ASIA)	1

2.OPERATION PANEL (H546)

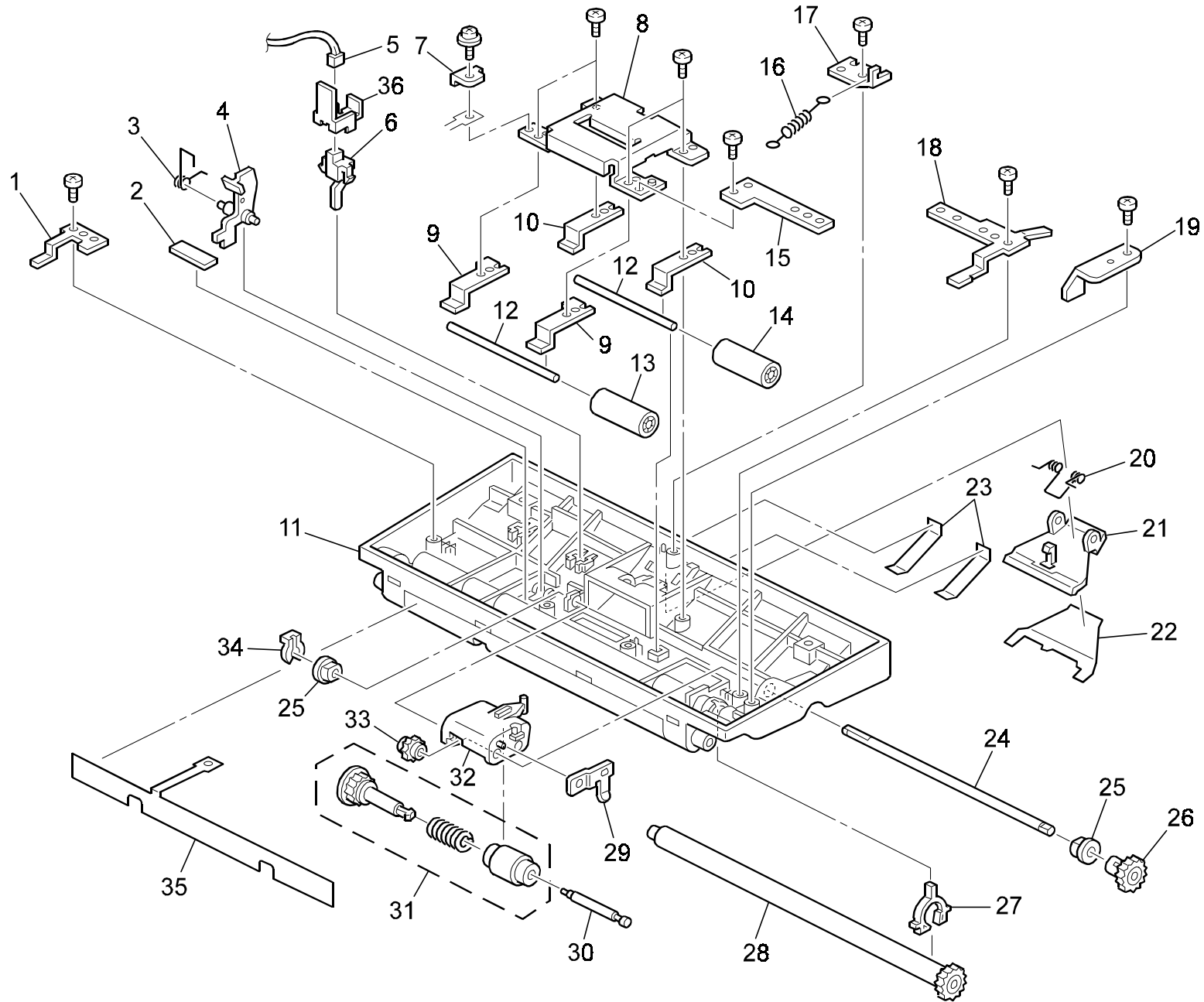


2.OPERATION PANEL (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
1	H545 4609	Operation Panel Ass'y - EU NRG	1
1	H546 3600	Operation Panel Ass'y - US (RIC)	1
1	H546 3601	Operation Panel Ass'y (SVN)	1
1	H546 3602	Operation Panel Ass'y - EU-INFO	1
1	H546 3603	Operation Panel Ass'y - EUR (RIC)	1
1	H546 3604	Operation Panel Ass'y - ASIA (RIC)	1
1	H546 3605	Operation Panel Ass'y - ASIA-NRG	1
1	H546 3607	Operation Panel Ass'y - Lanier	1
2	H545 4655	Quick Dial Sheet	1
3	H545 5150	Grounding Wire - OPU	1
4	H545 5136	Harness:OPU	1
5	H545 4656	Quick Dial Cover	1
6	H545 4651	Decal- LED Left	1
7	H545 4654	Decal - Scale	1
8	H546 3620	Decal - LCD (RIC-US)	1
8	H546 3621	Decal - LCD (SVN)	1
8	H546 3622	Decal - LCD (INF)	1
8	H546 3623	Decal - LCD (RIC-EUR)	1
8	H546 3625	Decal - LCD (NRG)	1
8	H546 3628	Decal - LCD (LAN)	1
9	H545 4652	Decal - LED Right	1
10	H545 4653	Decal - Start/Stop	1

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

3.UPPER SCANNER UNIT (H546)

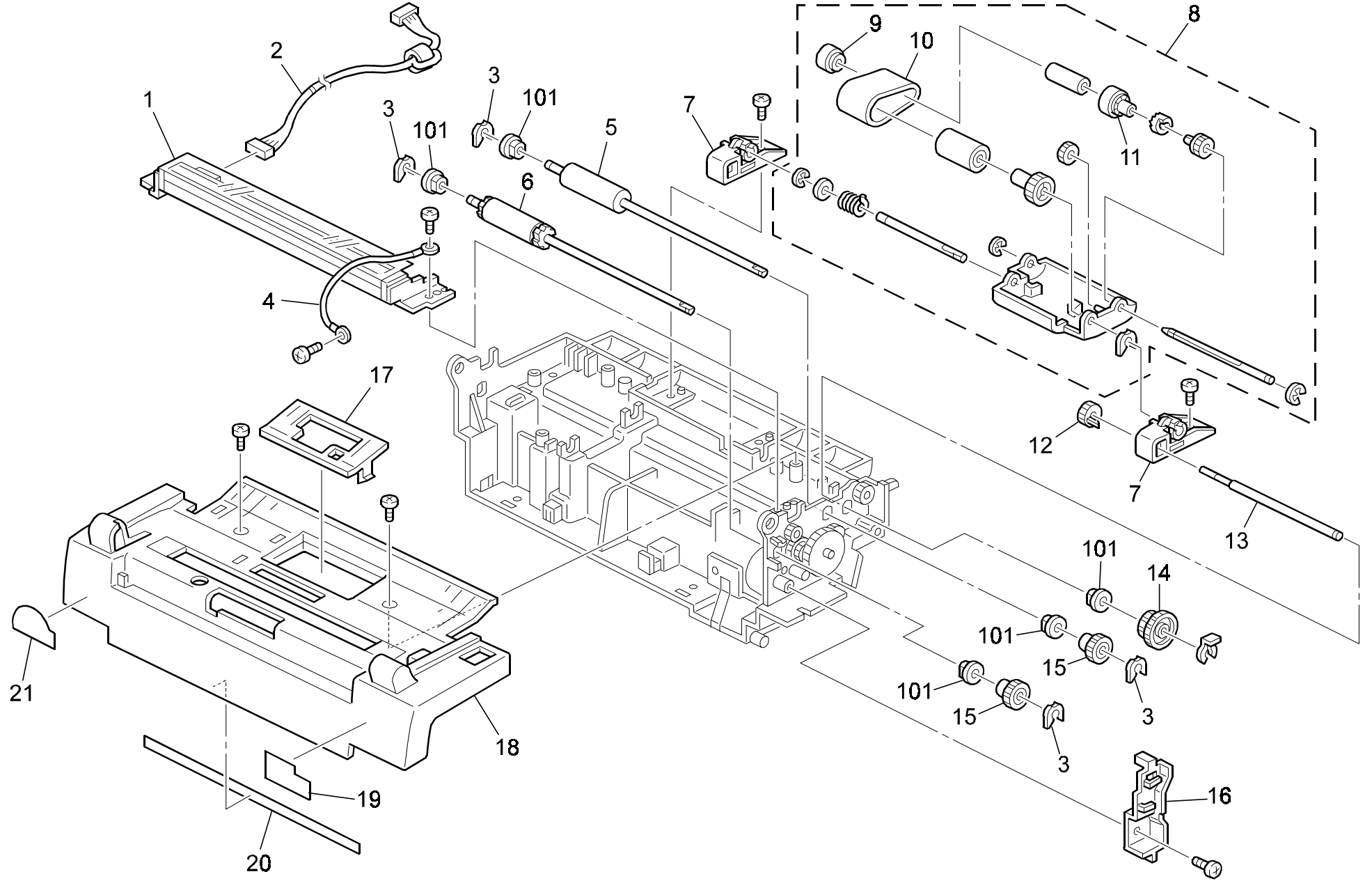


3.UPPER SCANNER UNIT (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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	1
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	H546 1050	Platen Roller	1
29	H545 1540	Reverse Pressure Plate	1
30	H545 1503	Reverse Roller Shaft	1
31	H545 1502	Separation Roller	1
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

Index No.	Part No.	Description	Q'ty Per Assembly
36	H545 1161	Stopper S1	1

4.LOWER SCANNER UNIT (H546)

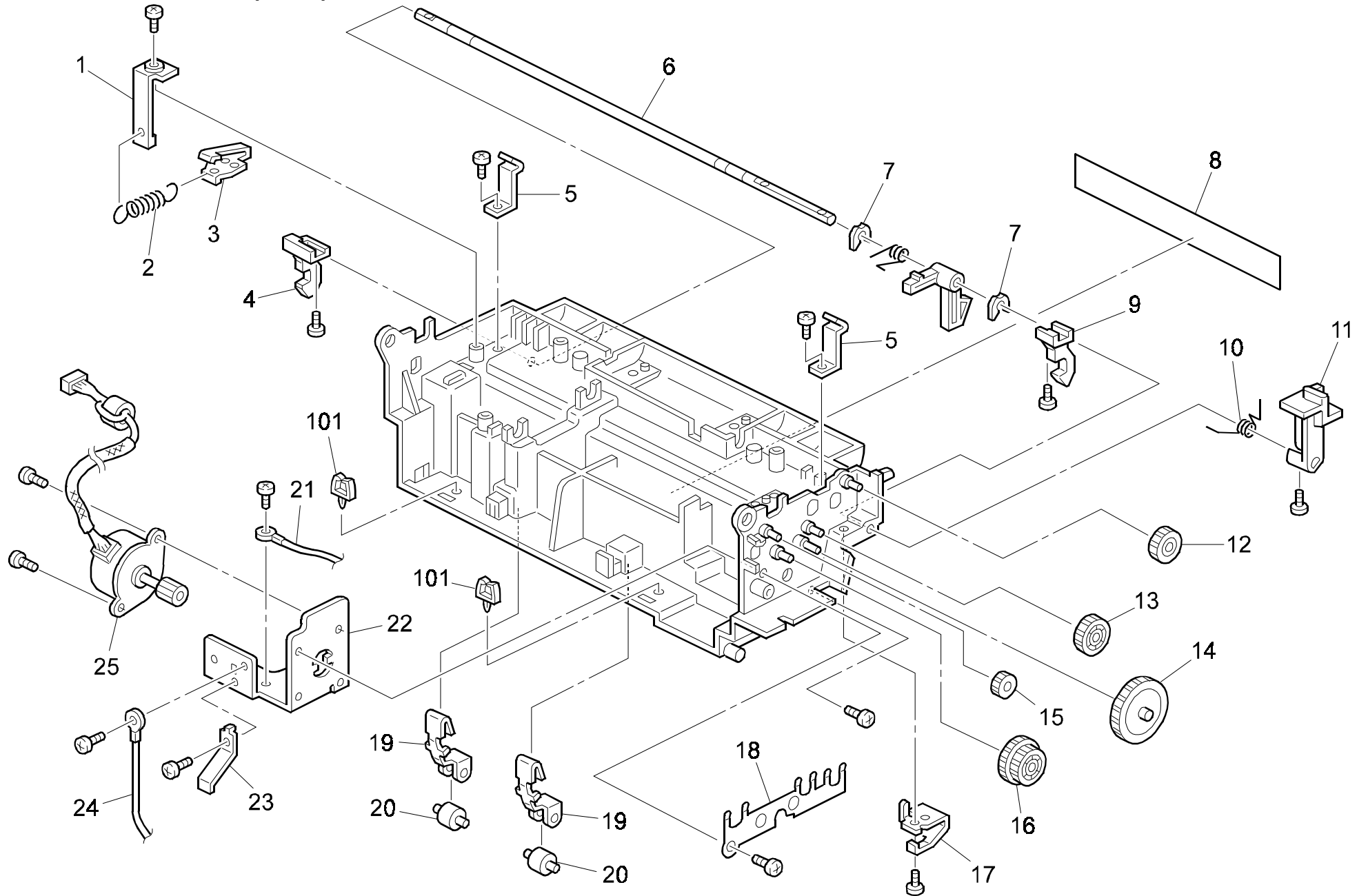


4.LOWER SCANNER UNIT (H546)


Index No.	Part No.	Description	Q'ty Per Assembly
1	H545 1030	Contact Image Sensor Ass'y	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 No.	Part No.	Description	Q'ty Per Assembly
101	0805 3480	Bushing - 6mm	

5. SCANNER DRIVE (H546)

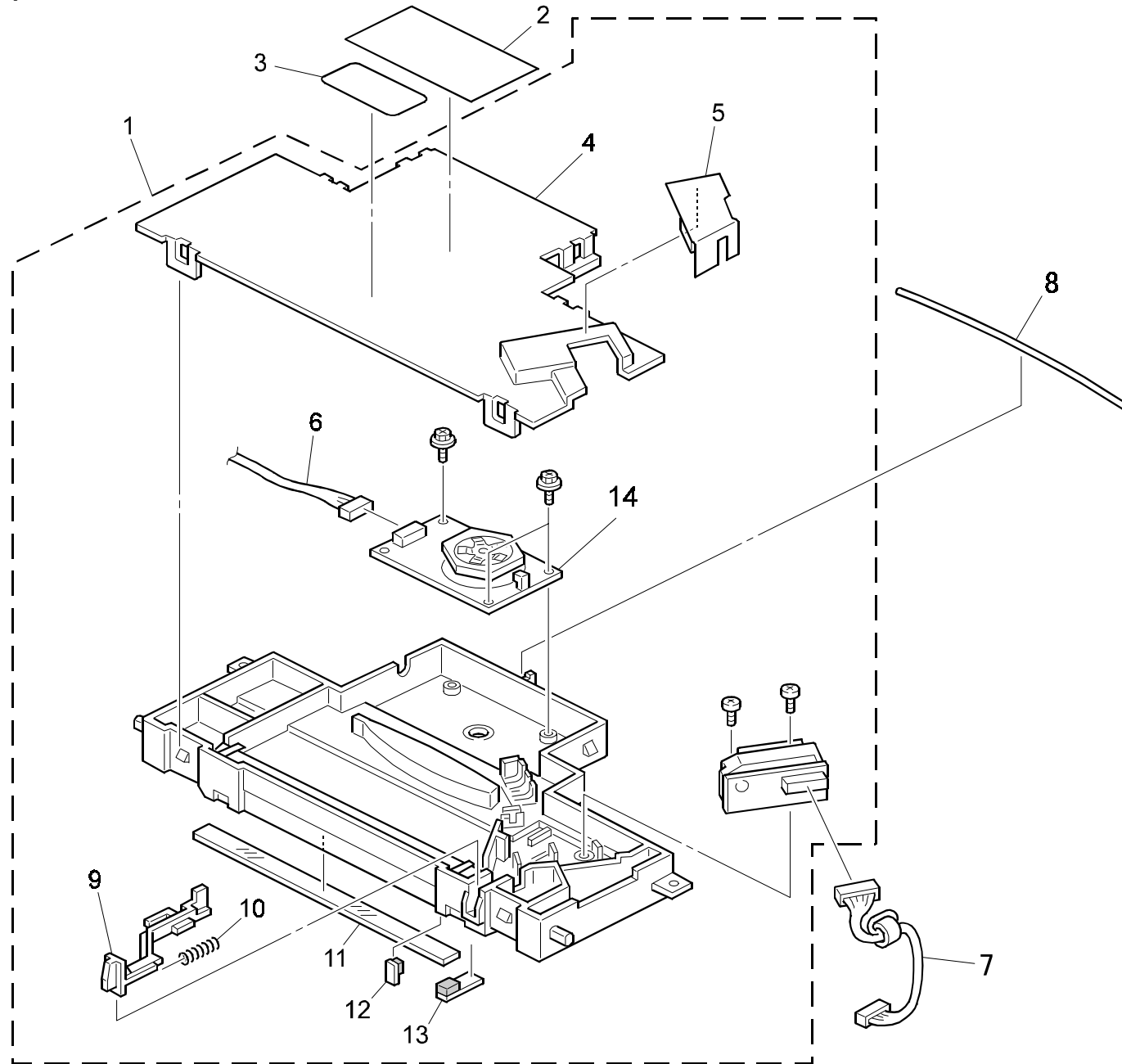


5. SCANNER DRIVE (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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 No.	Part No.	Description	Q'ty Per Assembly
101	1105 0229	Clamp	

6.LD UNIT (H546)

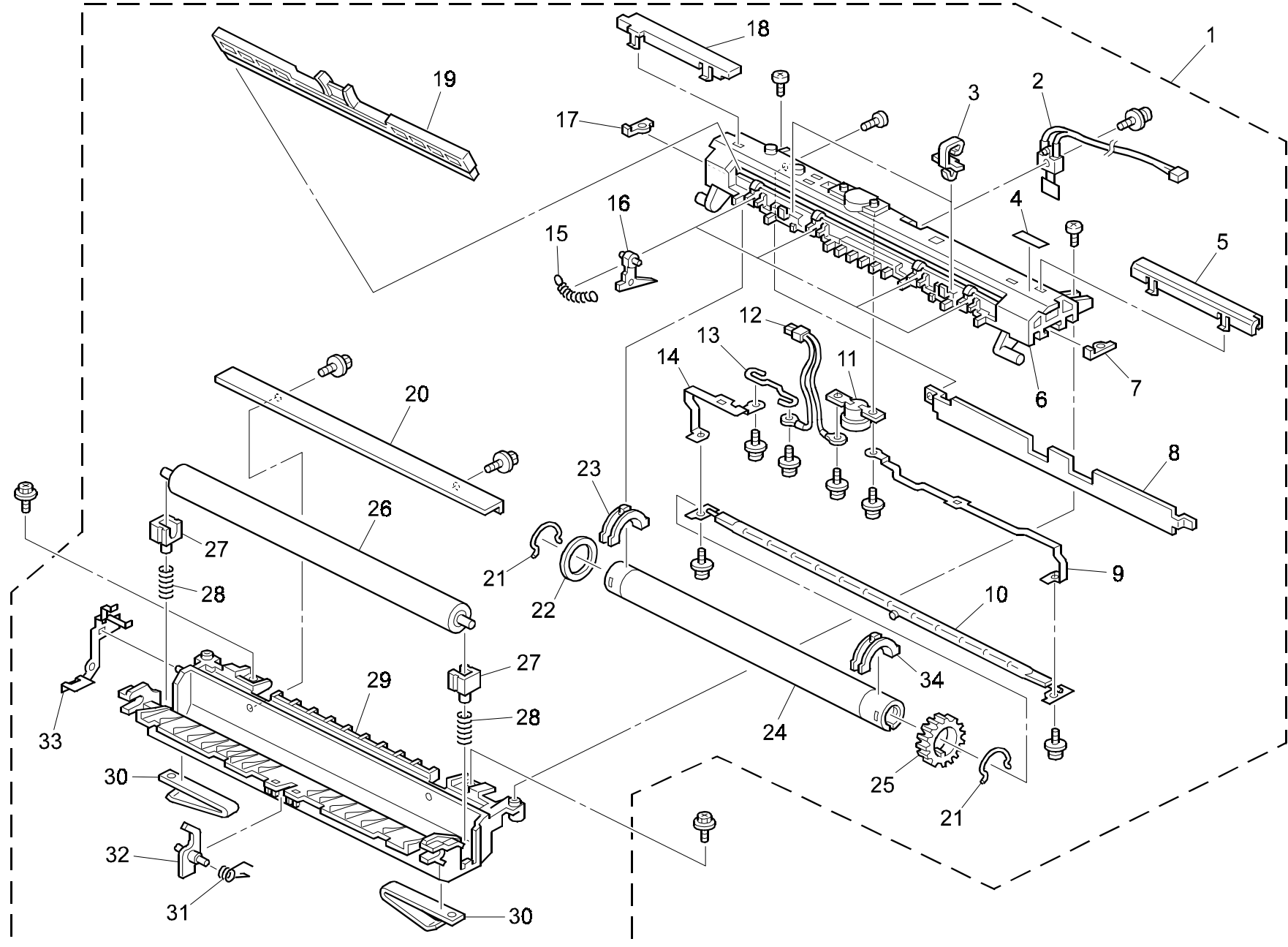


6.LD UNIT (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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 2641	Shield - Shield Glass	1
14	H545 5068	Polygonal Mirror Motor - DC24V 0.3A	1

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

7.FUSING UNIT (H546)

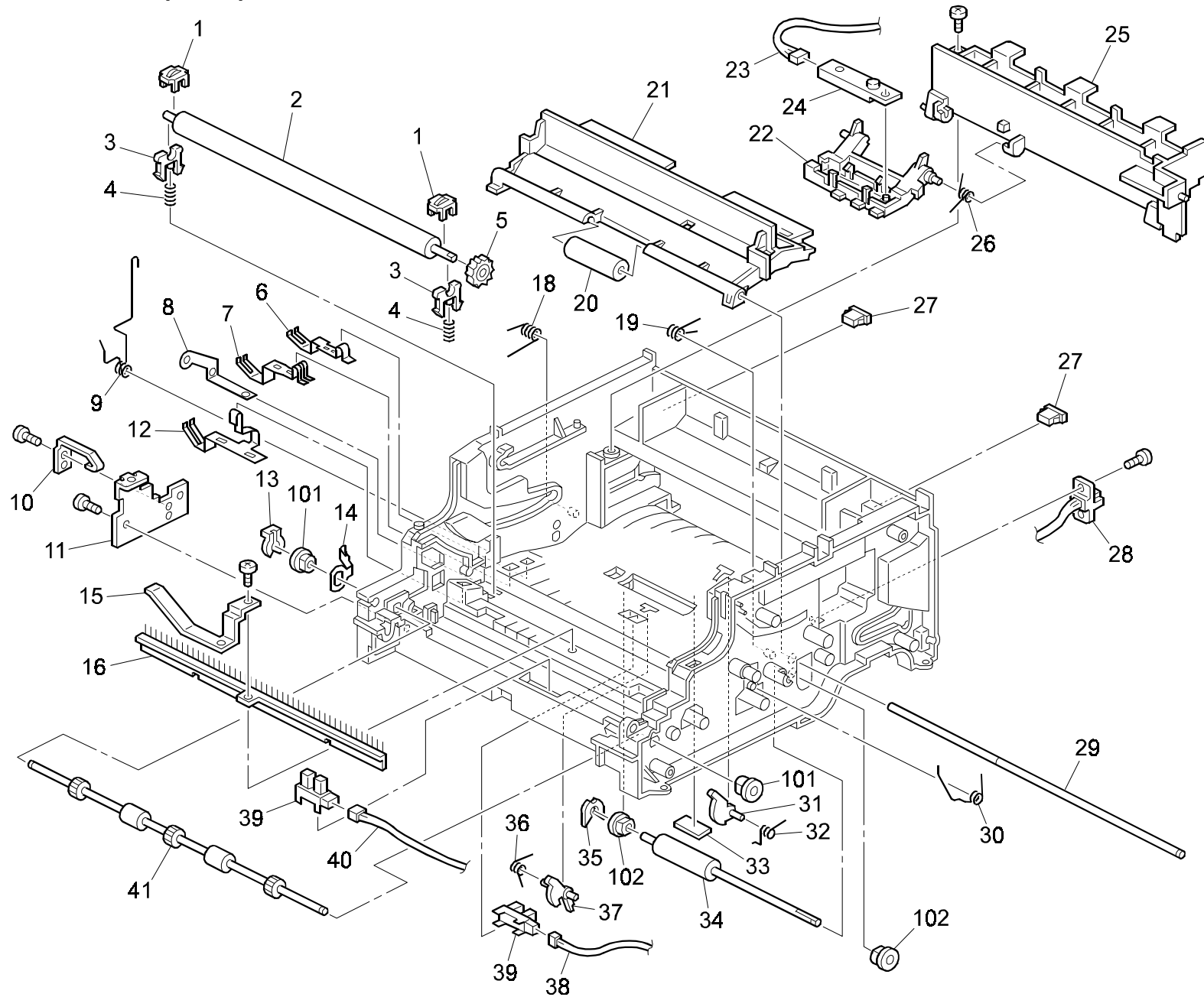


7.FUSING UNIT (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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	H515 2137	Bearing - Hot Roller	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
29	H545 2126	Lower Fusing Case	1
30	H545 2158	Spring Plate - Fusing Pressure	2
31	H545 2146	Spring - Fusing Exit	1

Index No.	Part No.	Description	Q'ty Per Assembly
32	H545 2128	Paper Exit Feeler	1
33	H545 2147	Roller Grounding Plate	1
34	H515 2137	Bearing - hot Roller	1

8.PAPER TRANSFER (H546)

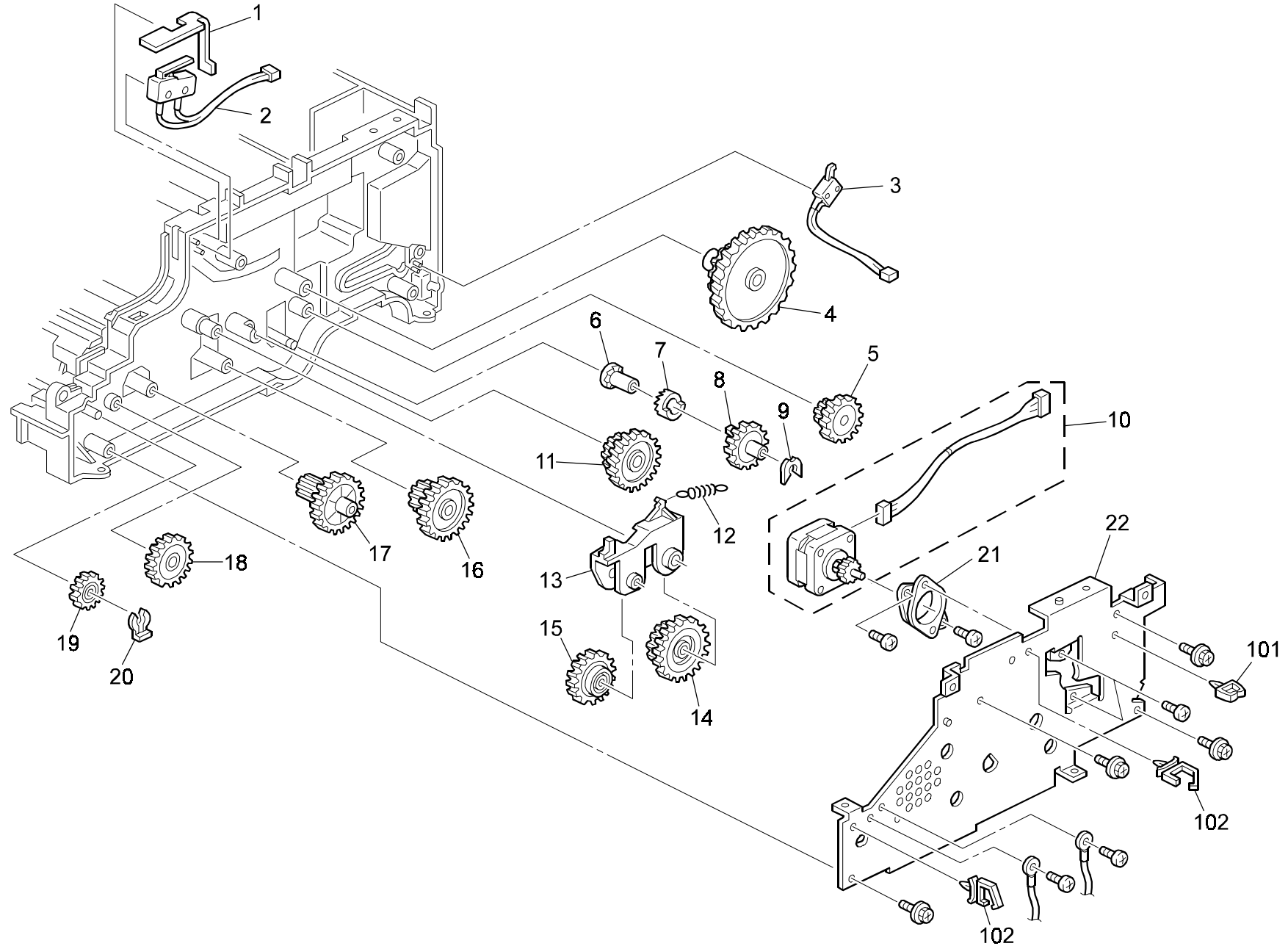


8.PAPER TRANSFER (H546)

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

Index No.	Part No.	Description	Q'ty Per Assembly
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
101	0805 3366	Bushing - 6mm	
102	0805 3480	Bushing - 6mm	

9.DRIVE SECTION (H546)

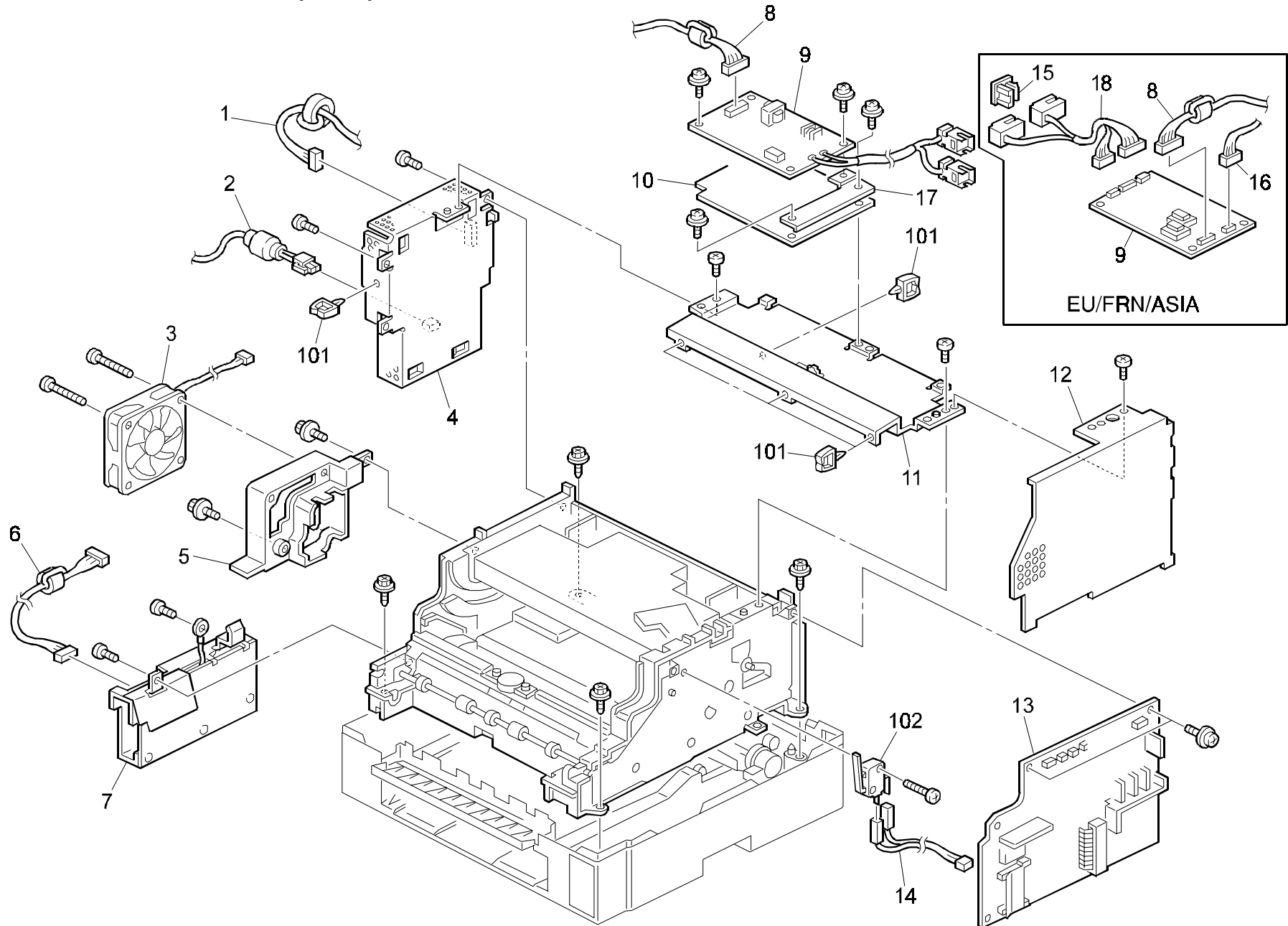


9.DRIVE SECTION (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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	1
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
20	H515 3543	E-ring - Jre4	1
21	H545 2429	Stepping Motor Dumper	1
22	H545 4101	Right Side Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0234	Clamp	1
102	1105 0460	Clamp	1

10.ELECTRICAL SECTION (H546)

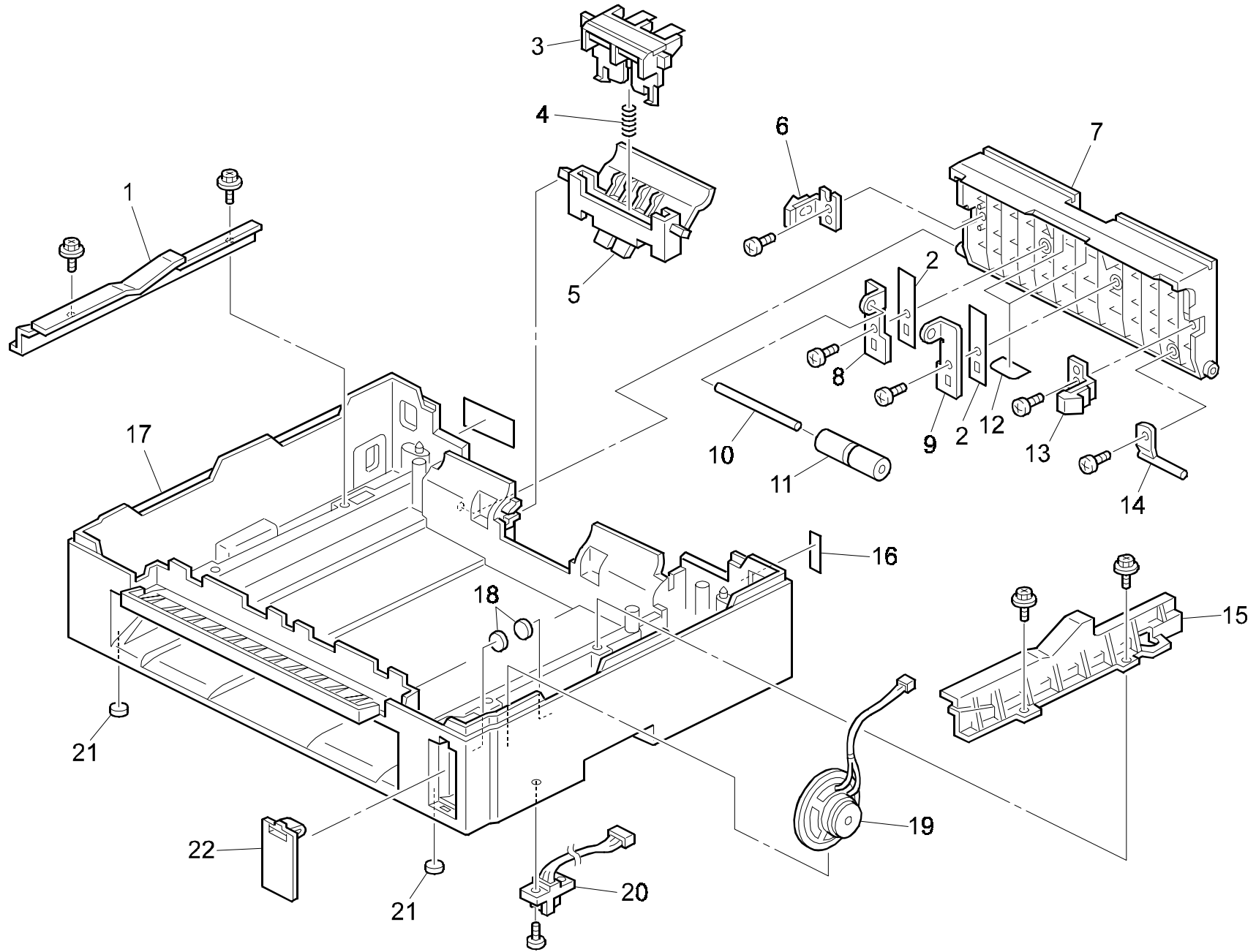


10.ELECTRICAL SECTION (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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
5	H545 4120	Fan Motor Duct	1
6	H545 5110	Harness PP (US/ASIA)	1
6	H545 5134	Harness PP (EUROPE)	1
7	H545 5010	Power Pack	1
8	H545 5104	NCU 1 Harness (US)	1
8	H545 5125	NCU 2 Harness (EUROPE/ASIA)	1
9	5488 6156	PCB - NCU - Fax S2	1
9	H545 5930	PCB-NCU (US)	1
10	H545 4111	Shielding Sheet - NCU	1
11	H545 4105	NCU Stay	1
12	H545 4109	Shielding Plate - FCU	1
13	H546 6120	FCU Board - NA	1
13	H546 6135	FCU Board Ass'y - EU2	1
14	H545 5119	Safety Switch Harness	1
15	H504 4901	Cap - Telephone Socket	1
16	H545 5126	Harness - NCU3 (EUROPE/ASIA)	1
17	H546 3301	NCU Bracket	1
18	H546 5101	Harness Modular Connector EU2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0234	Clamp	
102	1204 2355	Micro Switch - AM51632A531	

11.PAPER FEED UNIT (H546)

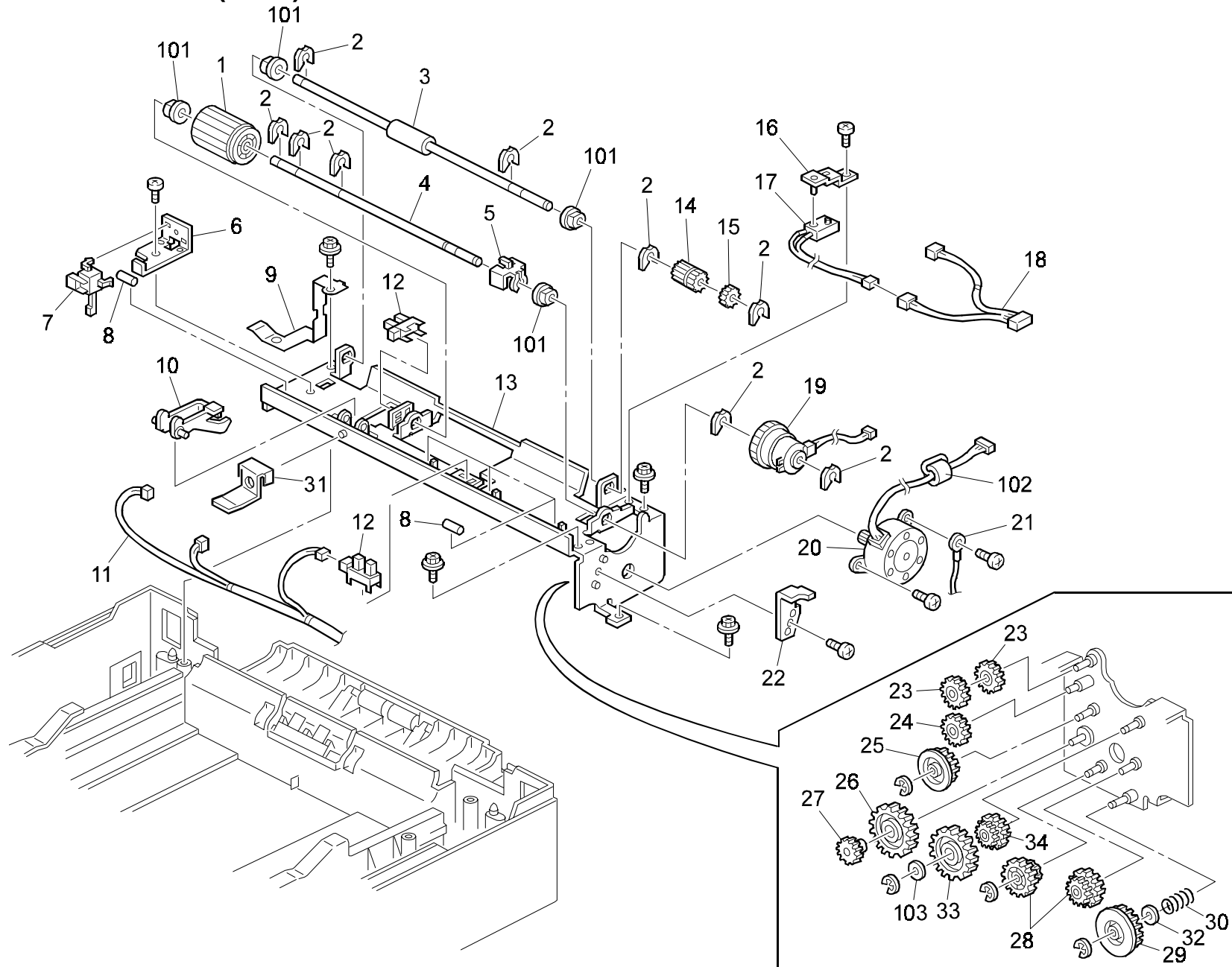


11.PAPER FEED UNIT (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
1	H545 3191	Left Guide Rail	1
2	H545 3200	Spring Plate	2
3	H545 3155	Separation Pad:ass'y	1
4	G800 3147	Pressure Spring - 2.8n	1
5	H545 3157	Separation Pad Cover	1
6	H545 4222	Lock Spring Plate	1
7	H545 4201	Lower Rear Cover	1
8	H545 3195	Pressure Plate - Left	1
9	H545 3194	Pressure Plate - Right	1
10	H545 3148	Roller Shaft	1
11	H545 3143	Transfer Drive Roller	1
12	H545 4223	Film - Reverse	2
13	H545 4222	Lock Spring Plate	1
14	H545 4211	Cover Shaft	1
15	H545 3190	Right Guide Rail	1
16	H545 4213	Decal - Parallel	1
17	H545 4200	Lower Cover	1
18	5214 1221	Rubber Foot	2
19	H545 5064	Speaker	1
20	H545 5137	Main Harness - 2nd	1
21	5214 1221	Rubber Foot	2
22	H545 4205	Memory Card Cover	1

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

12.PAPER FEED DRIVE (H546)

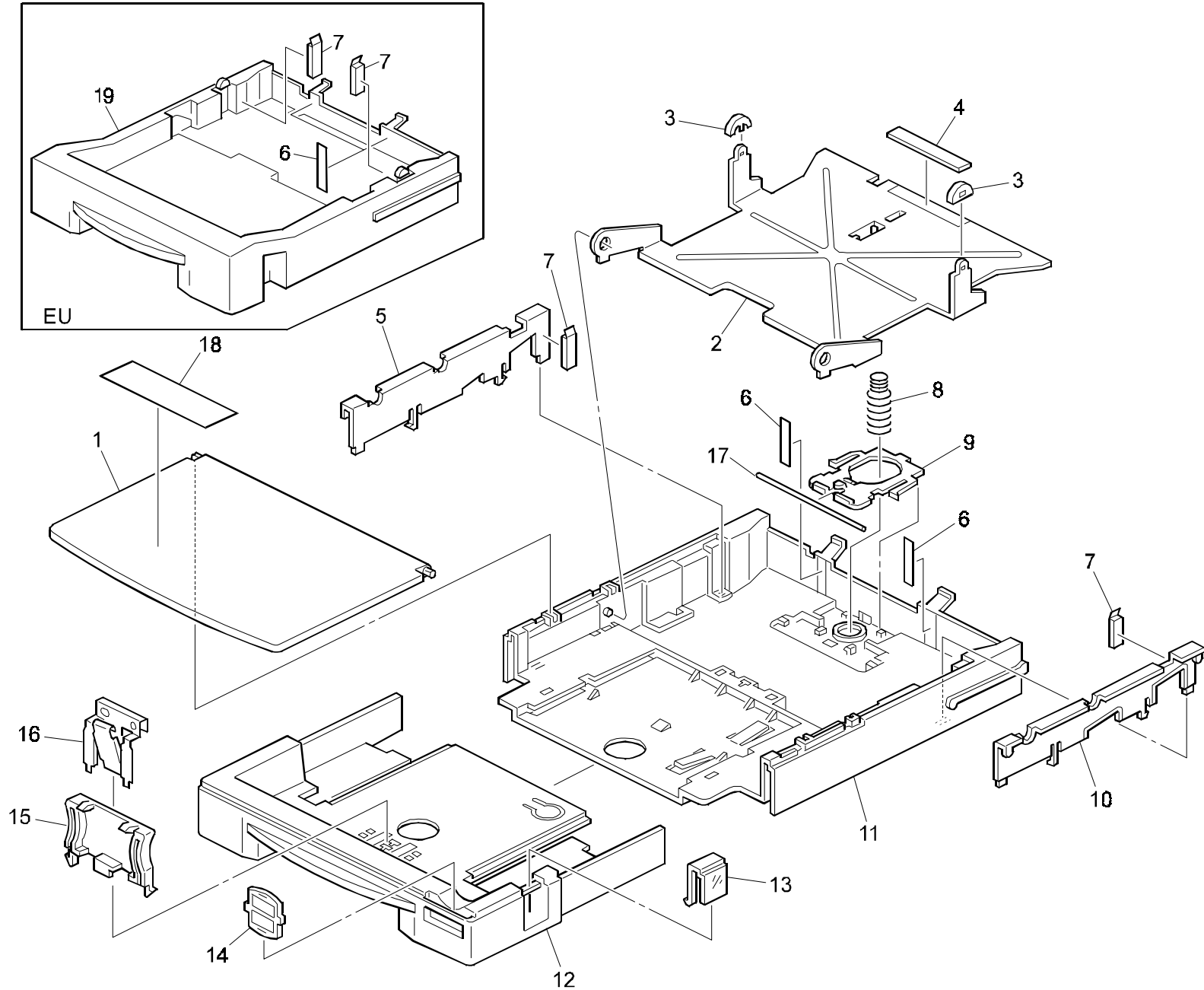


12.PAPER FEED DRIVE (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
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	H535 3160	Paper Feed Bracket	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	H546 5070	Magnetic Clutch - MIC2.5NE:5W	1
20	H535 5063	Paper Feed Motor	1
21	H545 5151	Grounding Wire	1
22	H545 3189	Magnetic Clutch Bracket	1
23	H545 3175	Idler Gear 3 - 15z	1
24	H545 3174	Idler Gear 2 - 14z	1
25	H545 3173	Idler Gear 1 - 23z	1
26	H545 3171	Gear 2 - 31Z	1
27	H545 3172	Gear 3 - 16Z	1
28	H545 3170	Gear 1 - 14Z	2
29	H545 3130	Idle Gear - 2nd - 24z	1
30	H545 3178	Spring - Gear	1
31	H545 2433	Ground Plate - Feed Roller -Plotter	1
32	H545 3179	Spacer	1
33	H545 3199	Slow Down Gear - Lite	1
34	H535 3185	Gear - 15Z	1

Index No.	Part No.	Description	Q'ty Per Assembly
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 (H546)



13.PAPER TRAY (H546)

Index No.	Part No.	Description	Q'ty Per Assembly
1	H545 3103	Cassette Cover (US/ASIA)	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 (US/ASIA)	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
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