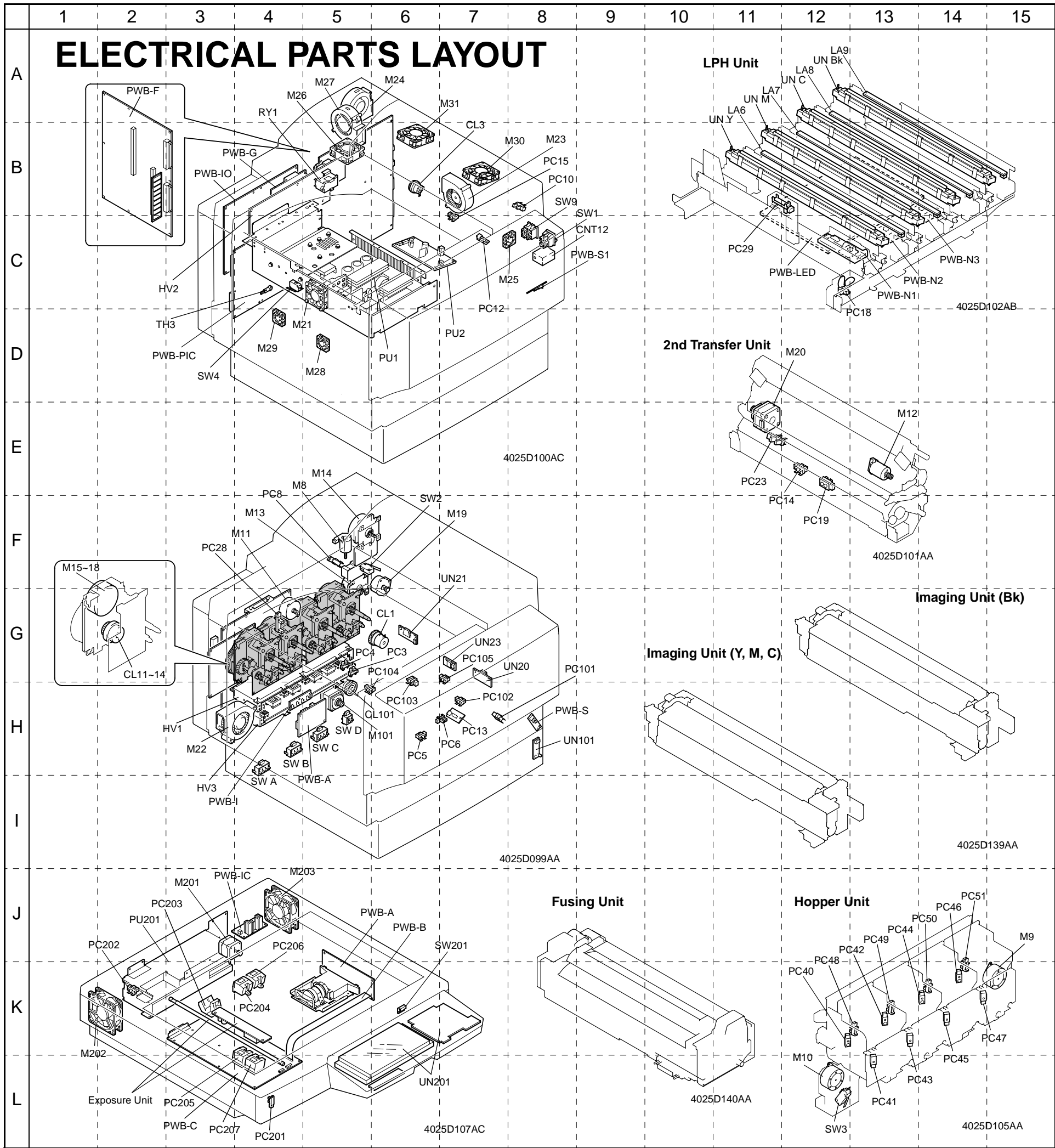
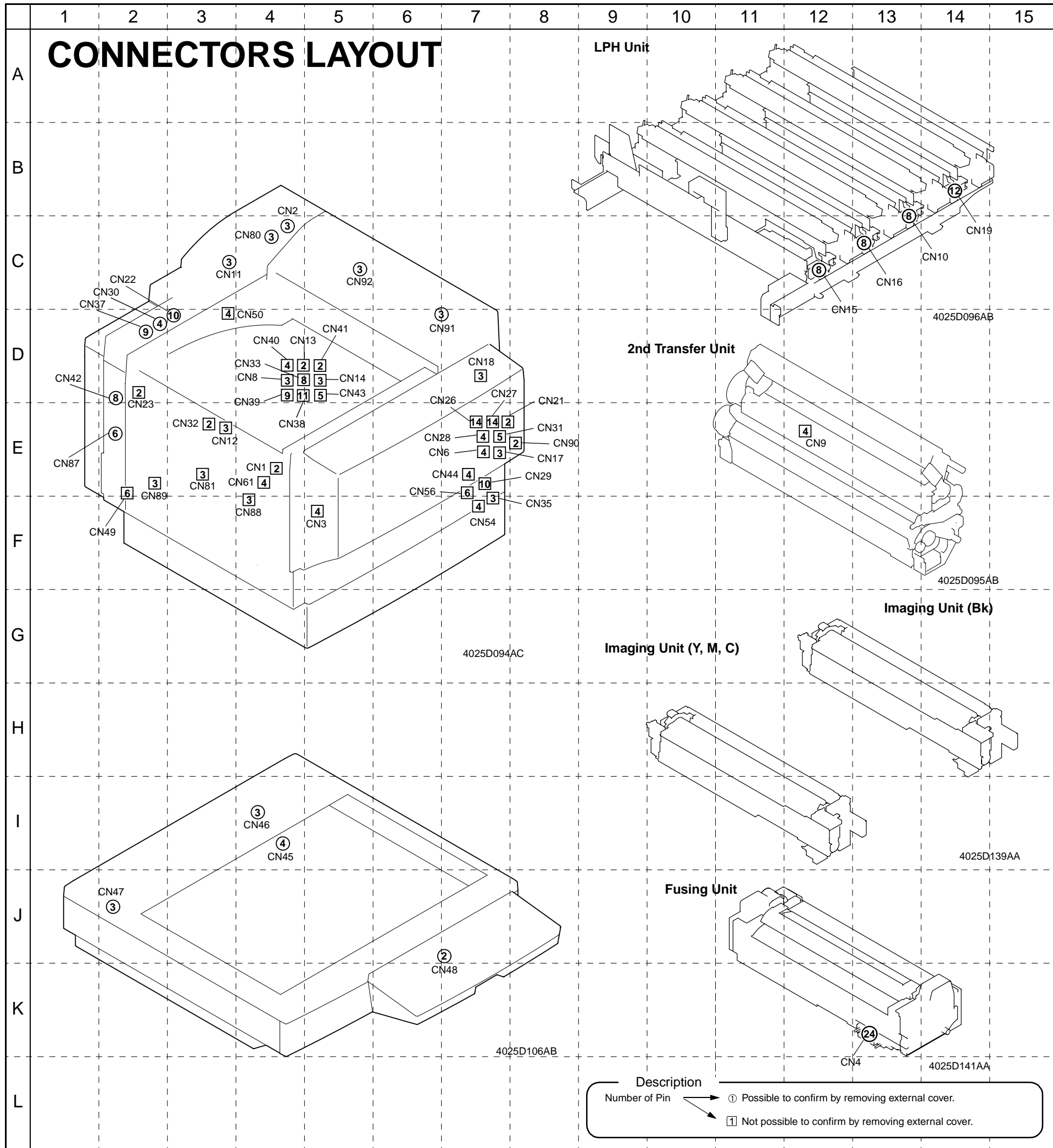


# ELECTRICAL PARTS LAYOUT



SYMBOL	PART NAME	LOCATION	GRID
CL1	1st Drawer Paper Take-Up Clutch	A-8	G-5-6
CL3	Manual Feed Paper Take-Up Clutch	A-1-2	B-6
CL11	Developing Clutch Y	A-B-16	G-2
CL12	Developing Clutch M	B-18	G-2
CL13	Developing Clutch C	C-17	G-2
CL14	Developing Clutch Bk	C-D-18	G-2
CL101	2nd Drawer Paper Take-Up Clutch	I-5	G-H-5
CNT12	Total Counter	E-36	C-8
HV1	High Voltage Unit (PC Drum CH.)	A-B-21-22	G-H-4-5
HV2	High Voltage Unit (Image Transfer, Neutralizing)	A-C-5-6	B-C-4-5
HV3	High Voltage Unit (Developing Bias)	B-C-19-20	G-H-4-5
LA6	Main Erase Lamp Y	B-10	B-C-11-13
LA7	Main Erase Lamp M	B-10	B-C-12-14
LA8	Main Erase Lamp C	B-10	A-B-12-14
LA9	Main Erase Lamp Bk	B-10	A-B-13-15
M8	Fusing Pressure/Retraction Motor	E-2	F-5
M9	Toner Replenishing Motor C/Bk	A-10	K-14-15
M10	Toner Replenishing Motor Y/M	A-10	L-12
M11	1st Image Transfer Pressure/Retraction Motor	D-5	G-4
M12	2nd Image Transfer Pressure/Retraction Motor	D-5	E-13
M13	Main Motor	A-35-36	F-G-5
M14	Fusing Drive Motor	E-2	F-5-6
M15	IU Motor Y	A-B-16	F-G-1-2
M16	IU Motor M	B-17	F-G-1-2
M17	IU Motor C	C-16	F-G-1-2
M18	IU Motor Bk	C-D-18	F-G-1-2
M19	Synchronizing Roller Motor	H-2	F-G-6
M20	Transport Roller Motor	H-2	E-11
M21	Power Supply Cooling Fan Motor	I-28-29	C-D-5
M22	Ozone Ventilation Fan Motor	A-19	H-3-4
M23	Suction Fan Motor	G-H-2	B-7
M24	Fusing Cooling Fan Motor	F-2	A-5-6
M25	Cooling Fan Motor 1	A-35-36	C-7-8
M26	Cooling Fan Motor 2	B-35-36	B-5
M27	Cooling Fan Motor 3	B-35-36	A-B-5
M28	Cooling Fan Motor 4	B-35-36	D-5
M29	Cooling Fan Motor 5	B-C-35-36	D-4
M30	Fusing Roll Cooling Fan Motor 1	F-2	B-7
M31	Fusing Roll Cooling Fan Motor 2	F-G-2	B-6
M101	2nd Drawer Paper Take-Up Motor	G-6	H-5
M201	Scanner Motor	G-22	J-3-4
M202	IR Power Supply Cooling Fan Motor	G-19-20	K-1-2
M203	IR Drive Board Cooling Fan Motor	G-H-19-20	J-4
PC3	1st Drawer Set Sensor	C-8	G-5
PC4	1st Drawer Paper Near-Empty Sensor	B-8	G-5
PC5	CD Paper Size Detecting Sensor	B-8	H-6
PC6	1st Paper Empty Sensor	A-B-8	H-6-7
PC8	Fusing Retraction Position Sensor	G-2	F-5
PC10	Exit Sensor	E-F-8	B-8
PC12	Image Transfer Belt Reference Position Sensor	D-E-5-6	C-7
PC13	1st Drawer Double Feed Sensor	C-8	H-7
PC14	Manual Feed Paper Take-Up Sensor	I-2	E-12
PC15	Waste Toner Bottle Set Sensor	A-B-1-2	B-C-7
PC18	OHP Detecting Sensor	H-I-2	E-12
PC19	2nd Image Transfer Pressure Position Sensor	E-5-6	E-11-12
PC28	1st Image Transfer Retraction Position Sensor	E-5-6	G-4
PC29	Waste Toner Full Detecting Sensor	F-G-35	B-11-12
PC40	Toner Near-Empty Sensor LED Y	C-12	K-12
PC41	Toner Near-Empty Sensor PQ Y	A-12	L-13
PC42	Toner Near-Empty Sensor LED M	C-12	K-13
PC43	Toner Near-Empty Sensor PQ M	A-12	K-13
PC44	Toner Near-Empty Sensor LED C	B-C-12	K-14
PC45	Toner Near-Empty Sensor PQ C	A-12	K-14
PC46	Toner Near-Empty Sensor LED Bk	C-12	K-14
PC47	Toner Near-Empty Sensor PQ Bk	A-B-12	K-14

SYMBOL	PART NAME	LOCATION	GRID
PC48	TC Set Sensor Y	D-12	K-13
PC49	TC Set Sensor M	B-12	K-13
PC50	TC Set Sensor C	B-12	K-14
PC51	TC Set Sensor Bk	D-12	J-K-14
PC101	2nd Drawer Paper Take-Up Sensor	H-6	H-7
PC102	2nd Drawer Paper Empty Sensor	I-6	H-7
PC103	2nd Drawer Paper Near-Empty Sensor	H-I-6	G-H-6
PC104	2nd Drawer Door Set Sensor	H-I-5	H-5-6
PC105	2nd Drawer Double Feed Sensor	H-6	G-H-7
PC201	Scanner Home Sensor	G-26	L-4
PC202	Original Cover Detecting Sensor	H-19-20	K-2
PC203	Original Size Detecting Sensor FD1 (OP:USA)	H-I-19-20	K-3
PC204	Original Size Detecting Sensor FD2	I-19-20	K-3-4
PC205	Original Size Detecting Sensor CD1	F-25-26	K-L-3-4
PC206	Original Size Detecting Sensor FD3 (OP:Europe, USA, Taiwan)	G-19-20	K-4
PC207	Original Size Detecting Sensor CD2 (OP:Europe, USA, Taiwan)	F-19-20	K-L-4
PU1	DC Power Supply 1	E-I-28-30	C-5-6
PU2	DC Power Supply 2	E-F-30-31	C-6-7
PU201	DC Power Supply 3	H-I-21-22	J-K-2-3
PWB-A	Control Board	G-I-7-8	H-4-5
PWB-A	CCD Sensor Board	A-24-26	J-K-4-6
PWB-B	Image Processing Interface Board	-	K-L-4-5
PWB-C	Image Processing Board	B-F-24-27	K-L-3-4
PWB-F	Image Control Board	A-C-30-31	A-C-2-3
PWB-G	Option Interface Board	B-E-28-30	B-4-5
PWB-I	Paper Size Detecting Board	D-E-7-8	H-4-5
PWB-IC	Scanner Motor Drive Board	F-G-21-22	J-3-4
PWB-IO	IO Board	E-I-10-18	B-C-3-4
PWB-LED	LED Drive Board	C-E-20-22	B-C-11-14
PWB-N1	ATDC Sensor Y	B-C-10	C-12-13
PWB-N2	ATDC Sensor M	C-10	C-13
PWB-N3	ATDC Sensor C	C-D-10	B-C-13-14
PWB-PIC	PIC Board	B-D-32-33	A-D-4-6
PWB-S	Paper Type Detection Board	C-D-7-8	H-8
PWB-S1	Tech. Rep. Setting Switches Board	E-F-35-36	C-8
RY1	Charge Neutralizing Relay	A-4-5	B-5
SW A	Paper Size Detecting Switch 1	H-9	H-I-4
SW B	Paper Size Detecting Switch 2	H-9	H-4
SW C	Paper Size Detecting Switch 3	I-5	H-5
SW D	2nd Drawer Set Switch	H-5	H-5
SW1	Power Switch	C-36	C-8
SW2	Right Door Switch	D-36	F-5-6
SW3	Front Door Switch	D-36	L-12-13
SW4	Left Door Switch	C-36	C-4
SW9	Upper Right Door Switch	D-E-23	C-8
SW201	Size Reset Switch	G-26	K-6
TH3	Image Transfer Thermistor	E-F-5-6	C-4
UN Bk	LPH Assy Bk	D-22	A-B-12-15
UN C	LPH Assy C	D-21	A-B-12-14
UN M	LPH Assy M	D-20-21	B-C-11-14
UN Y	LPH Assy Y	D-20	B-C-11-13
UN20	AIDC/Resist Sensor 1	C-5	G-H-7
UN21	AIDC/Resist Sensor 2	C-5	G-6
UN23	Temperature/humidity Sensor	D-14	G-7
UN101	2nd Drawer Paper Near-Empty Board	G-H-6-7	H-8
UN201	Control Panel	F-G-23-25	K-L-5-7
-	Exposure Unit	G-I-24-27	K-L-3-4



CN No.		LOCATION	GRID
CN1	2P	I-5	E-4
CN2	3P	F-2	C-4
CN3	4P	A-10	F-5
CN4	24P	C-D-3	K-13
CN6	4P	A-11	E-7
CN8	3P	H-2~3	D-4
CN9	4P	H-2	E-12
CN10	8P	C-D-23	B-C-13
CN11	3P	B-35	C-3
CN12	3P	I-28	E-3
CN13	2P	A-9	D-4~5
CN14	3P	H-2~3	D-5
CN15	8P	A-23	C-12
CN16	8P	B-23	C-13
CN17	3P	F-9	E-7
CN18	3P	A-35	D-7
CN19	12P	B-C-13	B-14
CN21	2P	E-35	E-7~8
CN22	10P	E-F-35	D-3
CN23	2P	E-F-6	D-2
CN26	14P	A-B-13	E-7
CN27	14P	C-D-13	E-7
CN28	4P	A-11	E-7
CN29	10P	C-6	E-7
CN30	4P	G-34	D-2
CN31	5P	D-35	E-7
CN32	2P	C-35	E-3
CN33	8P	A-B-2~3	D-4~5
CN35	3P	D-E-6	E-F-7
CN37	9P	D-E-34	D-2
CN38	11P	G-8	D-4~5
CN39	9P	H-I-3	D-4
CN40	4P	H-2~3	D-4
CN41	2P	A-2	D-5
CN42	8P	F-34	D-2
CN43	5P	D-6	D-5
CN44	4P	D-13	E-7
CN45	4P	A-26	I-4
CN46	3P	G-H-20	I-4
CN47	3P	G-20	J-2
CN48	2P	G-26	J-6~7
CN49	6P	D-19	E-F-2
CN50	4P	D-6	C-D-3
CN54	4P	C-9	F-7
CN56	6P	A-B-9	E-F-7
CN61	4P	F-G-6~7	E-4
CN80	3P	B-35	C-4
CN81	3P	G-7~8	E-3
CN87	6P	B-35	E-2
CN88	3P	B-35	E-F-4
CN89	3P	B-C-35	E-2
CN90	2P	E-8	E-8
CN91	3P	F-2	C-D-6~7

CN No.		LOCATION	GRID
CN92	3P	F-G-2	C-5