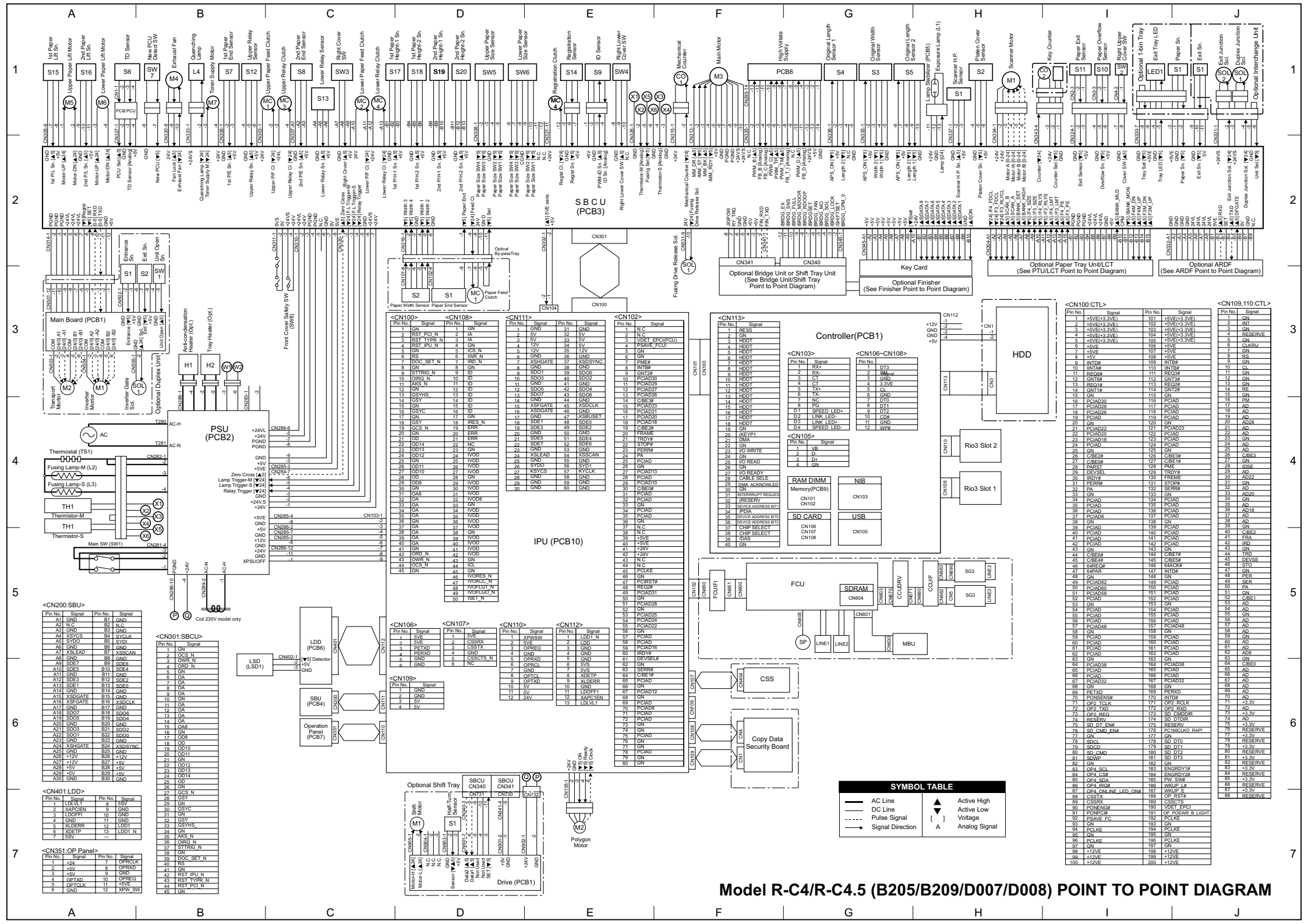
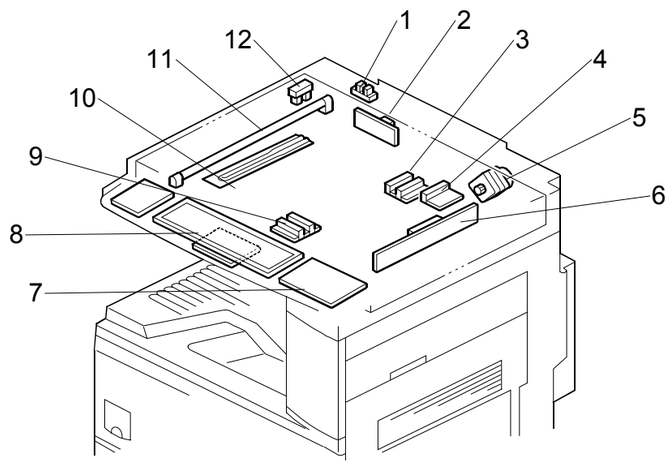
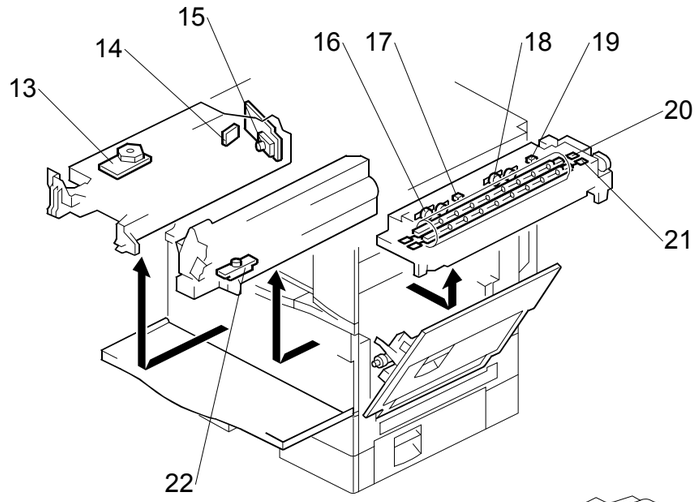


Model R-C4/R-C4.5 (B205/B209/D007/D008) POINT TO POINT DIAGRAM

MODEL R-C4/R-C4.5 (B205/B209/D007/D008) ELECTRICAL COMPONENT LAYOUT



B205V159.WMF



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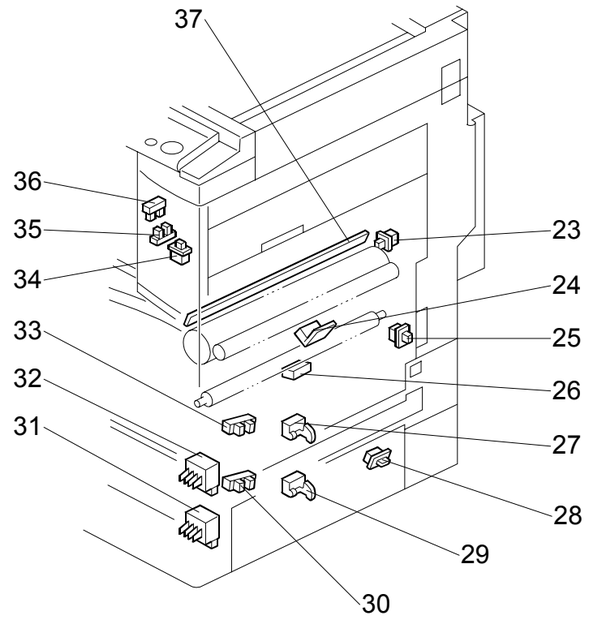

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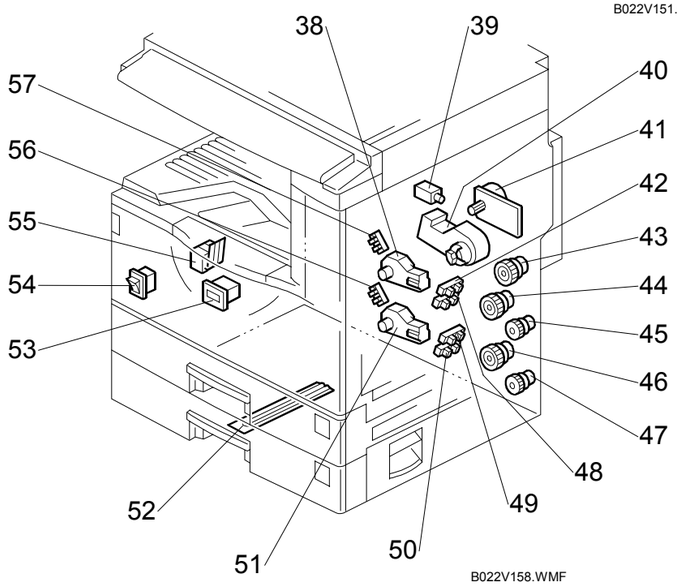

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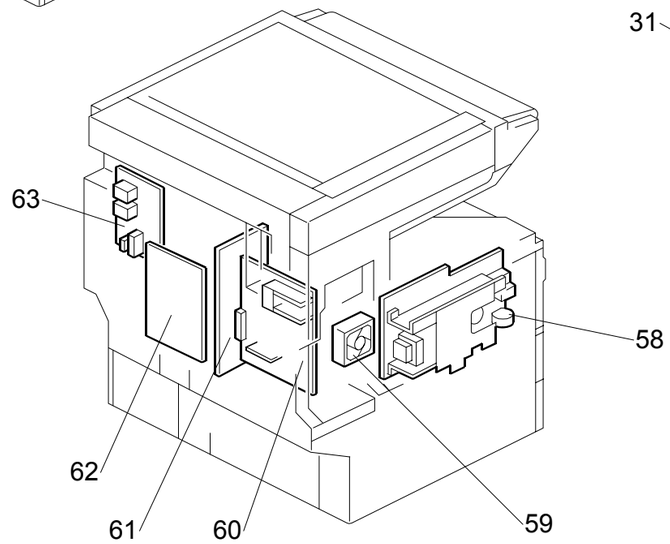


B205V153.WMF

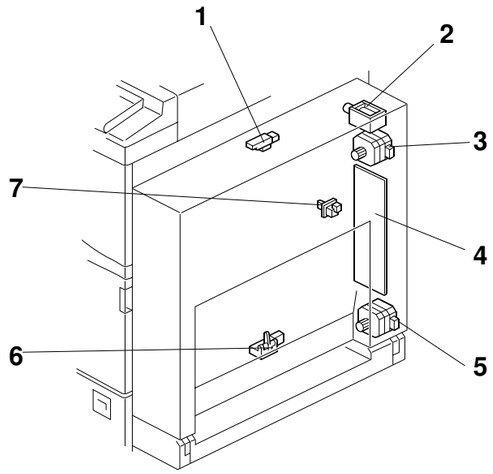
Symbol	Name	Index No.	P to P
Motors			
M1	Scanner	5	H1
M2	Polygonal Mirror	13	E7
M3	Main	41	F1
M4	Exhaust Fan	58	B1
M5	Upper Paper Lift	38	A1
M6	Lower Paper Lift	51	A1
M7	Toner Supply	40	B1
Magnetic Clutches			
MC1	Upper Paper Feed	44	C1
MC2	Lower Paper Feed	46	C1
MC3	Upper Relay	45	C1
MC4	Lower Relay	47	C1
MC4	Registration	43	E1
Switches			
SW1	Main	54	A5
SW2	Right Upper Cover	34	I1
SW3	Right Cover	25	C1
SW4	Right Lower Cover	28	E1

Symbol	Name	Index No.	P to P
SW5	Upper Paper Size	32	D1
SW6	Lower Paper Size	31	D1
SW7	New PCU Detect	23	B1
SW8	Front Cover Safety	55	C3
SW9	Operation	7	—
Sensors			
S1	Scanner HP	12	H1
S2	Platen Cover	1	H1
S3	Original Width	9	G1
S4	Original Length 1	3	G1
S5	Original Length 2	4	G1
S6	Toner Density (TD)	22	A1
S7	1st Paper End	33	B1
S8	2nd Paper End	30	C1
S9	Image Density (ID)	24	E1
S10	Paper Overflow	36	I1
S11	Paper Exit	35	I1
S12	Upper Relay	27	B1
S13	Lower Relay	29	C1
S14	Registration	26	E1

Symbol	Name	Index No.	P to P
S15	1st Paper Lift	57	A1
S16	2nd Paper Lift	56	A1
S17	1st Paper Height – 1	42	D1
S18	1st Paper Height – 2	48	D1
S19	2nd Paper Height – 1	49	D1
S20	2nd Paper Height – 2	50	D1
PCBs			
PCB1	Controller	60	G3
PCB2	PSU (Power Supply Unit)	58	B4
PCB3	SBCU (Scanner & Base Engine Control Unit)	62	E2
PCB4	SBU (Sensor Board Unit)	6	C6
PCB5	Lamp Stabilizer	2	H1
PCB6	LDD (Laser Diode Driver)	15	C5
PCB7	Operation Panel	8	C6
PCB8	High Voltage Supply	63	F1
PCB9	Memory (Option)	—	G4
PCB10	IPU (Image Processing Unit)	61	E5

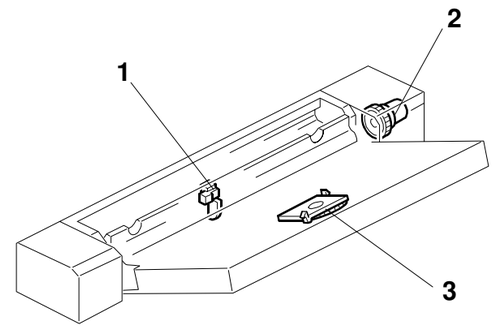
Symbol	Name	Index No.	P to P
Solenoids			
SOL1	Fusing Drive Release	39	F2
Lamps			
L1	Exposure Lamp	11	H1
L2	Main Fusing Lamp	20	A4
L3	Secondary Fusing Lamp	21	A4
L4	Quenching Lamp	37	B1
Heaters			
H1	Anti-condensation (Option)	10	B3
H2	Tray (Option)	52	B3
Others			
TS1	Fusing Thermostats	16, 18	A4
TH1	Fusing Thermistors	17, 19	A4
LSD 1	Laser Synchronization Detector	14	B6
CO1	Mechanical Counter	53	F1
CO2	Key Counter (Option)	—	I1

DUPLEX (A896/B414) / 1-BIN TRAY (A898/B413) / BY-PASS TRAY (A899/B415) / INTERCHENGE UNIT (B300/B416) / SHIFT TRAY (B313/B459) ELECTRICAL COMPONENT LAYOUT



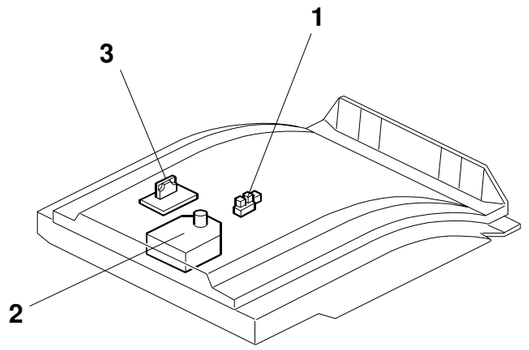
DUPLEX (A896/B414)

Symbol	Name	Index No.	P to P
Motors			
M1	nverter	3	A4
M2	Transport	5	A4
Sensors			
S1	Entrance	1	B4
S2	E it	6	B4
Switches			
S 1	D ple Unit Open	7	B4
Solenoids			
SOL1	nverter Gate	2	B4
PCBs			
PCB1	Main	4	A4



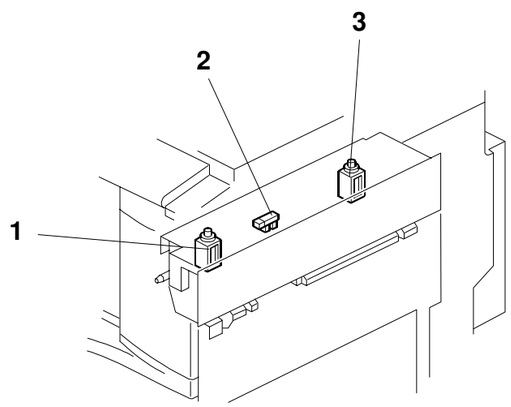
BY-PASS TRAY (A899/B415)

Symbol	Name	Index No.	P to P
Sensors			
S1	Paper End	1	C4
S2	Paper Size Sensor Board	3	C4
Magnetic Clutches			
MC1	Paper Feed	2	D4



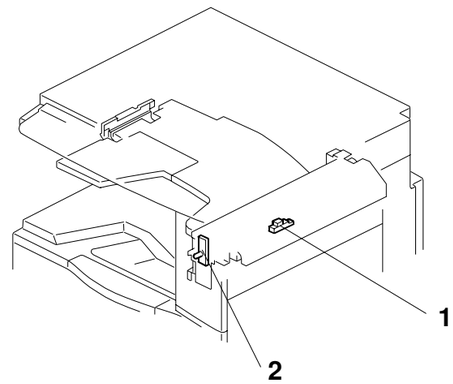
SHIFT TRAY (B313/B459)

Symbol	Name	Index No.	P to P
Motors			
M1	Shift	2	H6
Sensors			
S1	Half T rn	1	H6
PCBs			
PCB1	Drive	3	H6



INTERCHANGE UNIT (B300/B416)

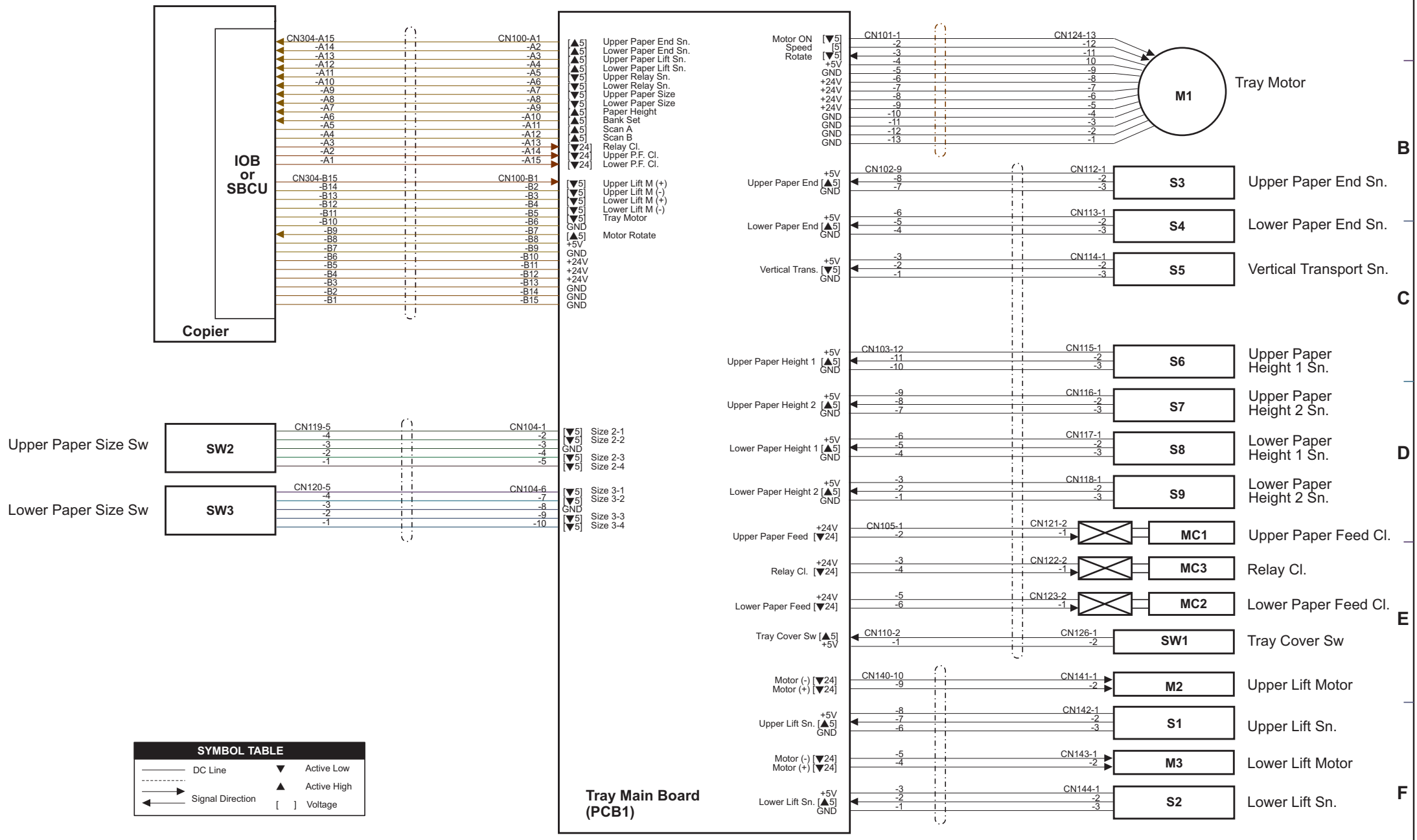
Symbol	Name	Index No.	P to P
Sensors			
S1	E it	2	2
Solenoids			
SOL1	D ple nction Gate	3	2
SOL2	E it nction Gate	1	2



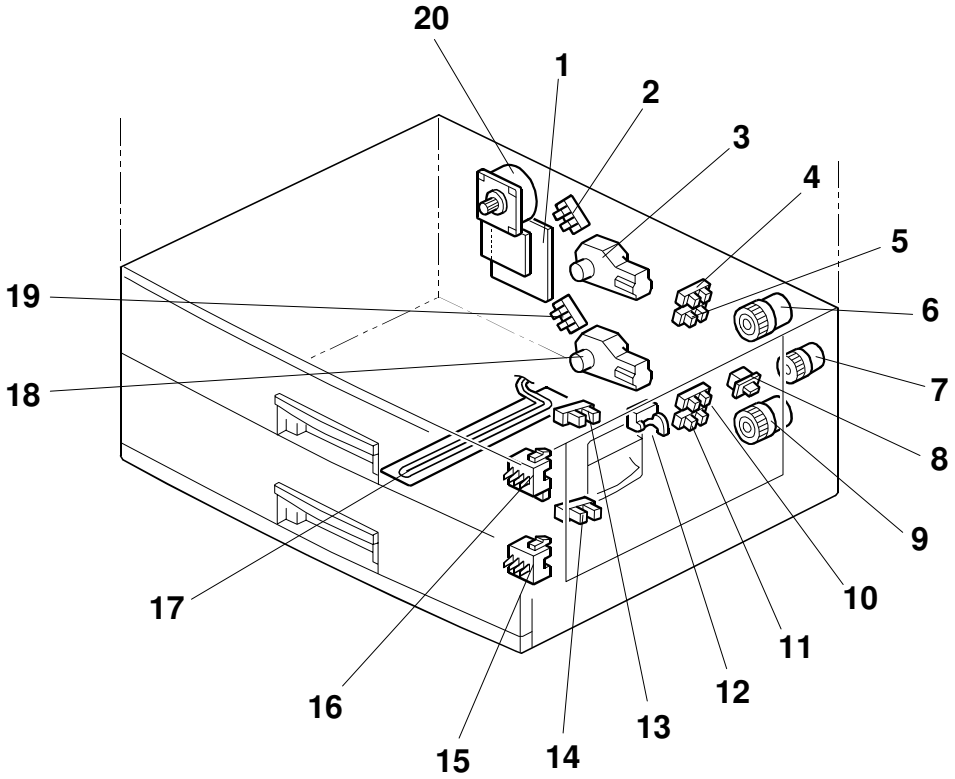
1-BIN TRAY (A898/B413)

Symbol	Name	Index No.	P to P
Sensors			
S1	Paper	1	2
LEDs			
LED1	1 Bin E it Tray	2	2

PAPER TRAY UNIT (A860/B390) POINT TO POINT DIAGRAM

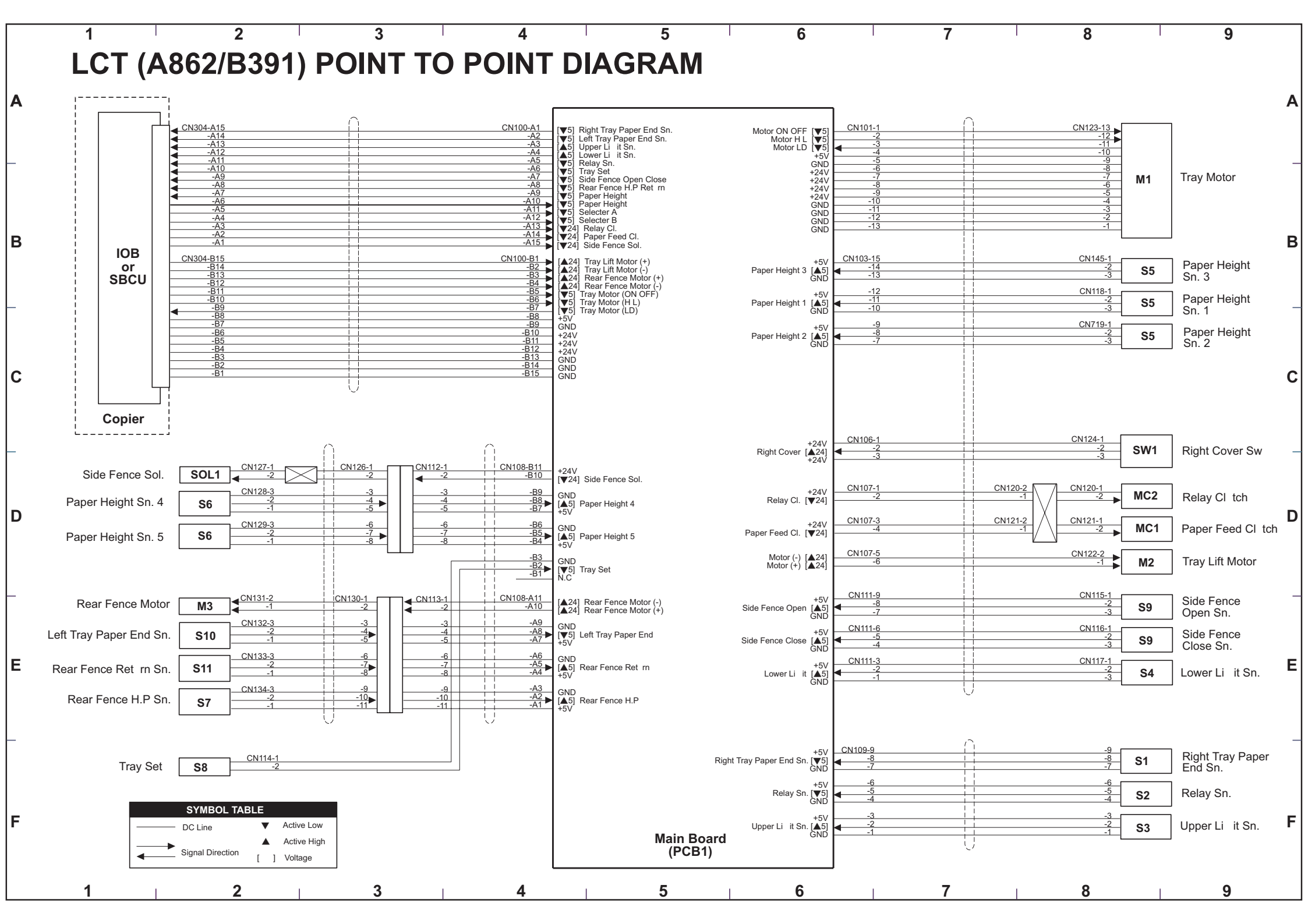


PAPER TRAY UNIT (A860/B390) ELECTRICAL COMPONENT LAYOUT

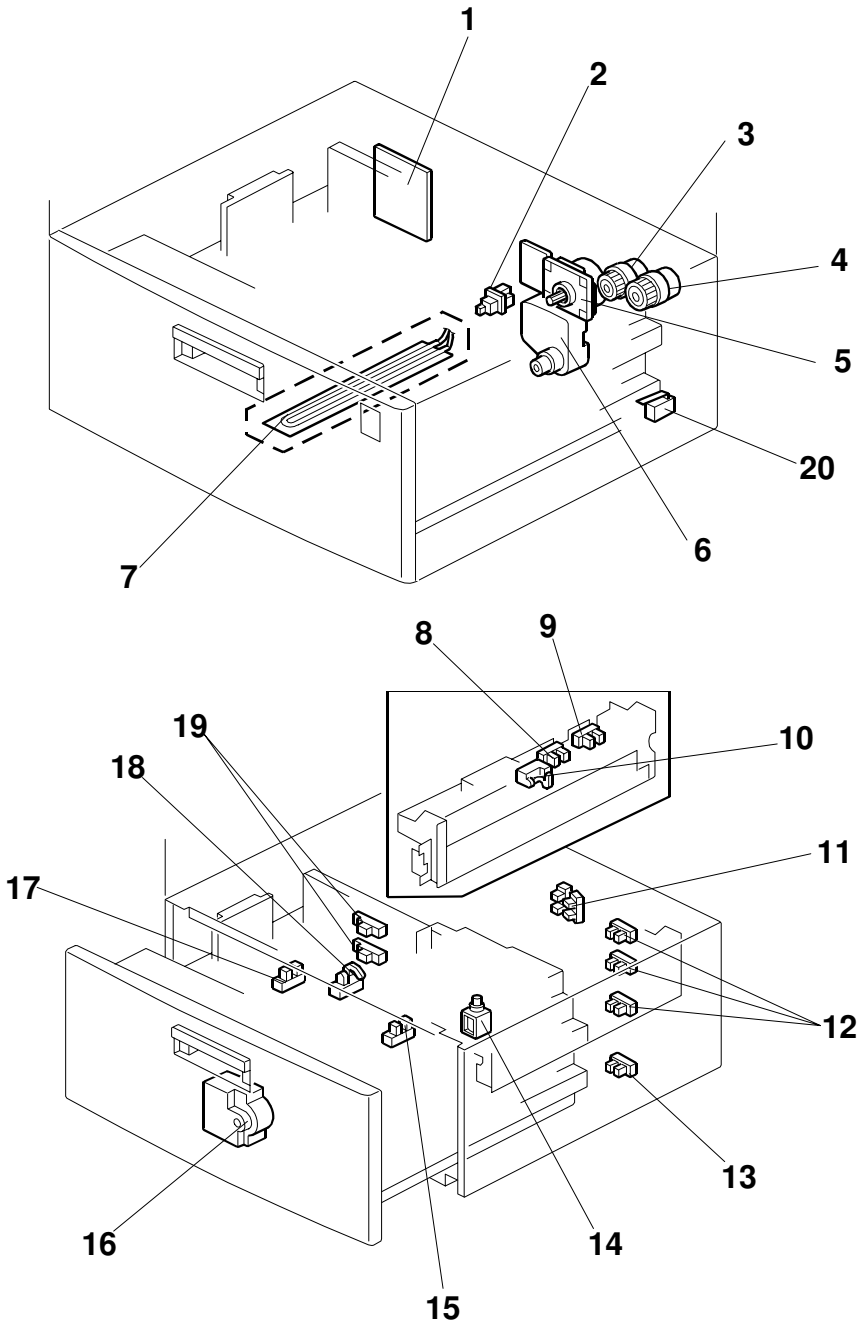


Symbol	Name	Index No.	P to P
Motors			
M1	Tray	20	B8
M2	Upper Lift	3	E8
M3	Lower Lift	18	F8
Sensors			
S1	Upper Lift	2	F8
S2	Lower Lift	19	F8
S3	Upper Paper End	13	B8
S4	Lower Paper End	14	C8
S5	Vertical Transport	12	C8
S6	Upper Paper Height 1	5	C8
S7	Upper Paper Height 2	4	D8
S8	Lower Paper Height 1	11	D8
S9	Lower Paper Height 2	10	D8
Switches			
S 1	Tray Cover	8	E8
S 2	Upper Paper Size	15	D2
S 3	Lower Paper Size	16	D2
Magnetic Clutches			
MC1	Upper Paper Feed	6	D8
MC2	Lower Paper Feed	9	E8
MC3	Relay	7	E8
PCBs			
PCB1	Tray Main	1	F5

LCT (A862/B391) POINT TO POINT DIAGRAM

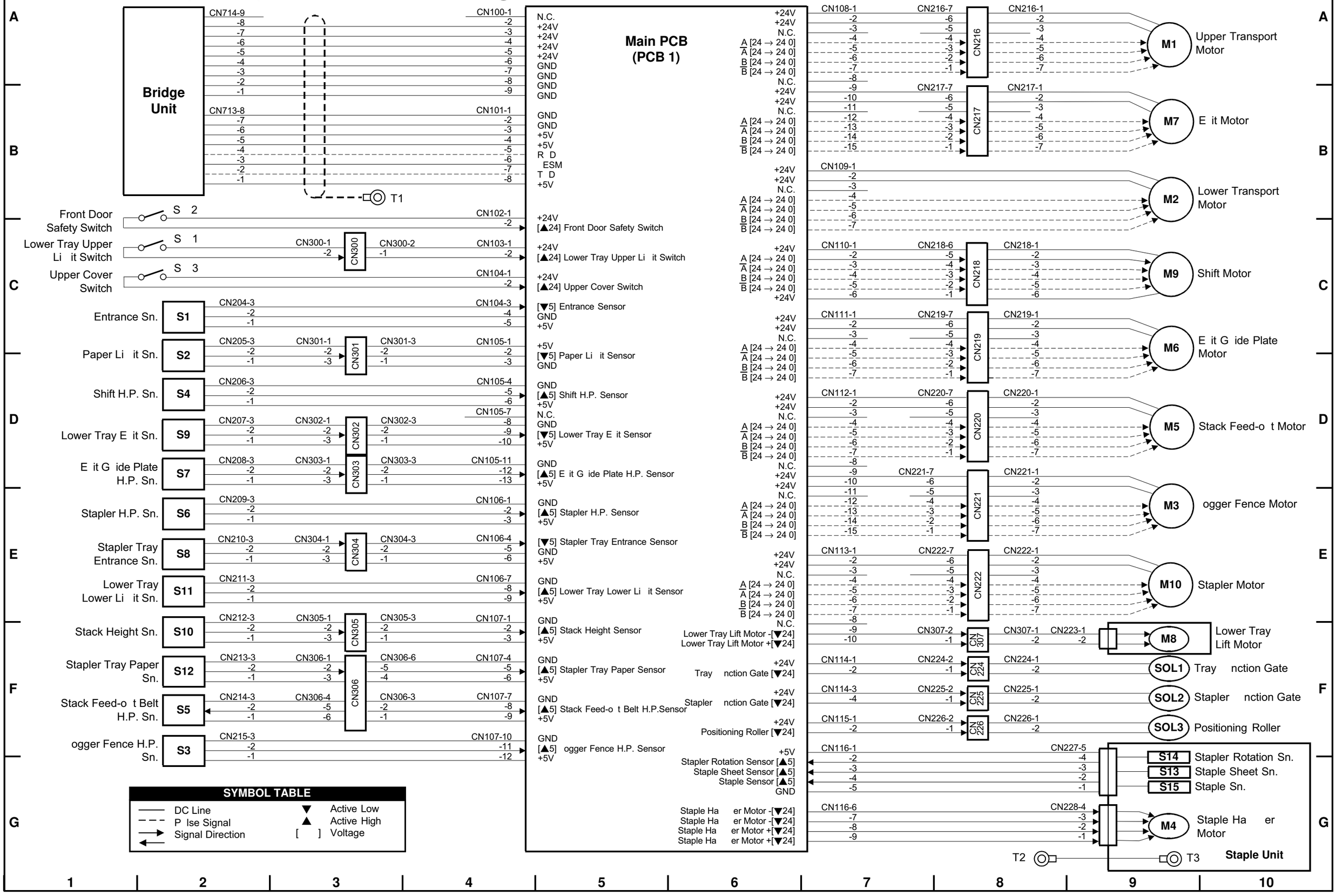


LCT (A862/B391) ELECTRICAL COMPONENT LAYOUT



Symbol	Name	Index No.	P to P
Motors			
M1	Tray Motor	5	B8
M2	Tray Lift Motor	6	D8
M3	Rear Fence Motor	16	E2
Sensors			
S1	Right Tray Paper End	8	F8
S2	Relay	10	F8
S3	Upper Li it	9	F8
S4	Lower Li it	13	E8
S5	Paper Height 1 2 3	12	B8 C8
S6	Paper Height 4 5	19	D2
S7	Rear Fence Ho e Position	17	E2
S8	Tray	2	F2
S9	Side Fence Open Closed	11	E8
S10	Rear Fence Ret rn	15	E2
S11	Left Tray Paper End	18	E2
Solenoids			
SOL1	Side Fence	14	D2
Magnetic Clutches			
MC1	Paper Feed	4	D8
MC2	Relay	3	D8
PCBs			
PCB1	Main	1	F5
Switches			
S 1	Right Cover	20	D8

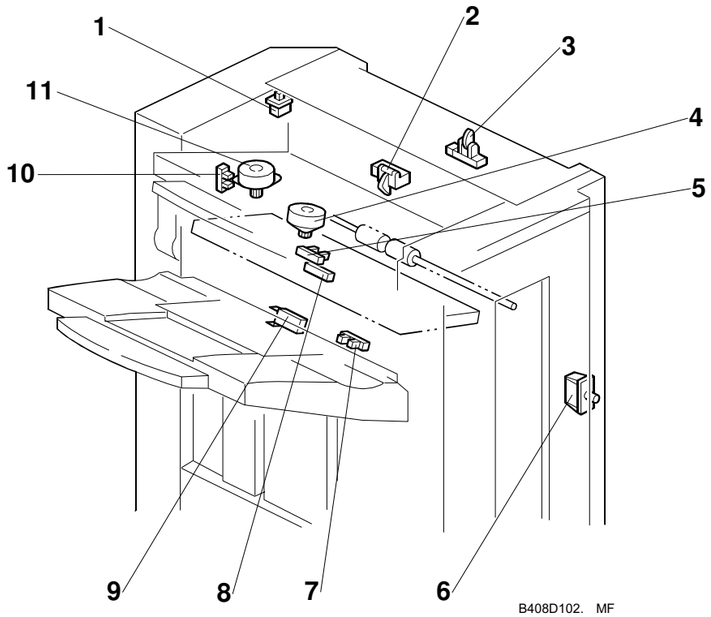
FINISHER (B408) Point to Point Diagram



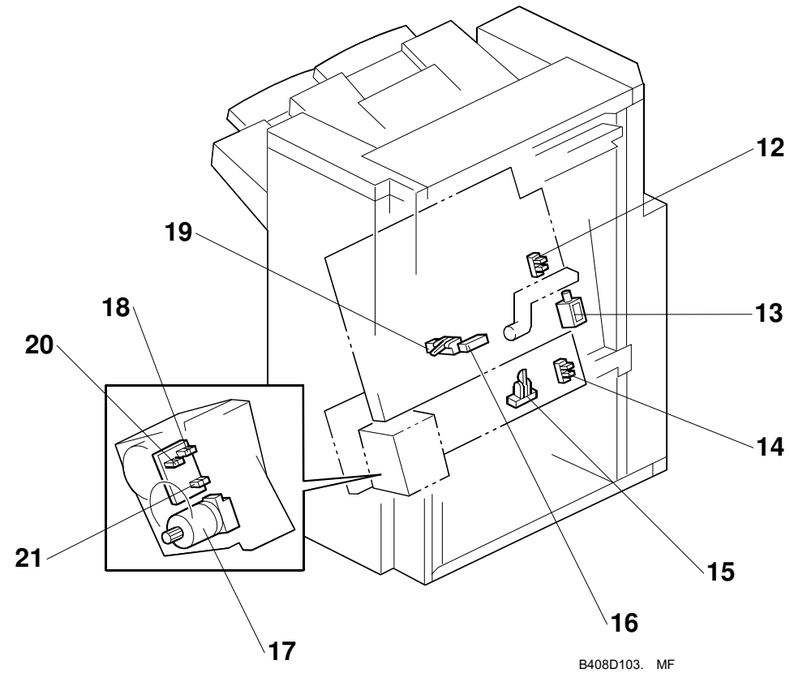
SYMBOL TABLE

———	DC Line	▼	Active Low
- - -	P lse Signal	▲	Active High
→ ←	Signal Direction	[ ]	Voltage

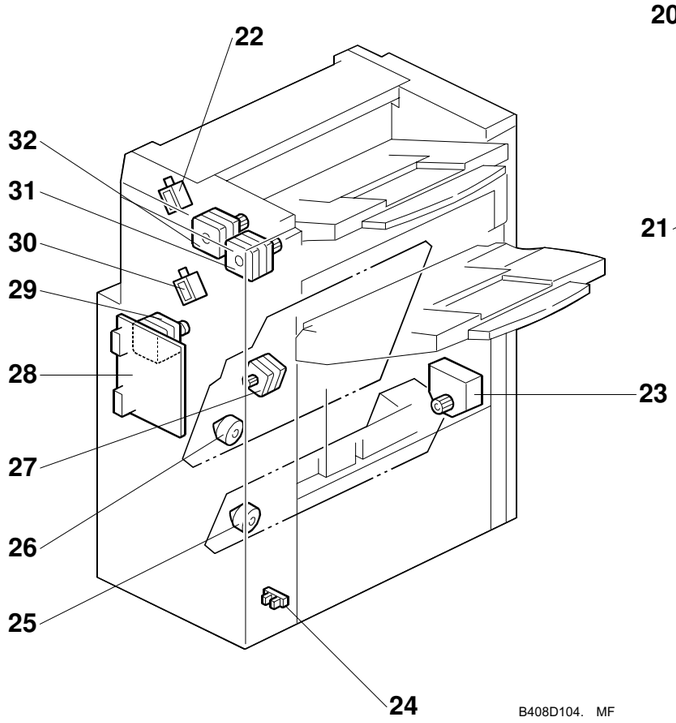
1000-SHEET FINISHER (B408) ELECTRICAL COMPONENT LAYOUT



B408D102. MF



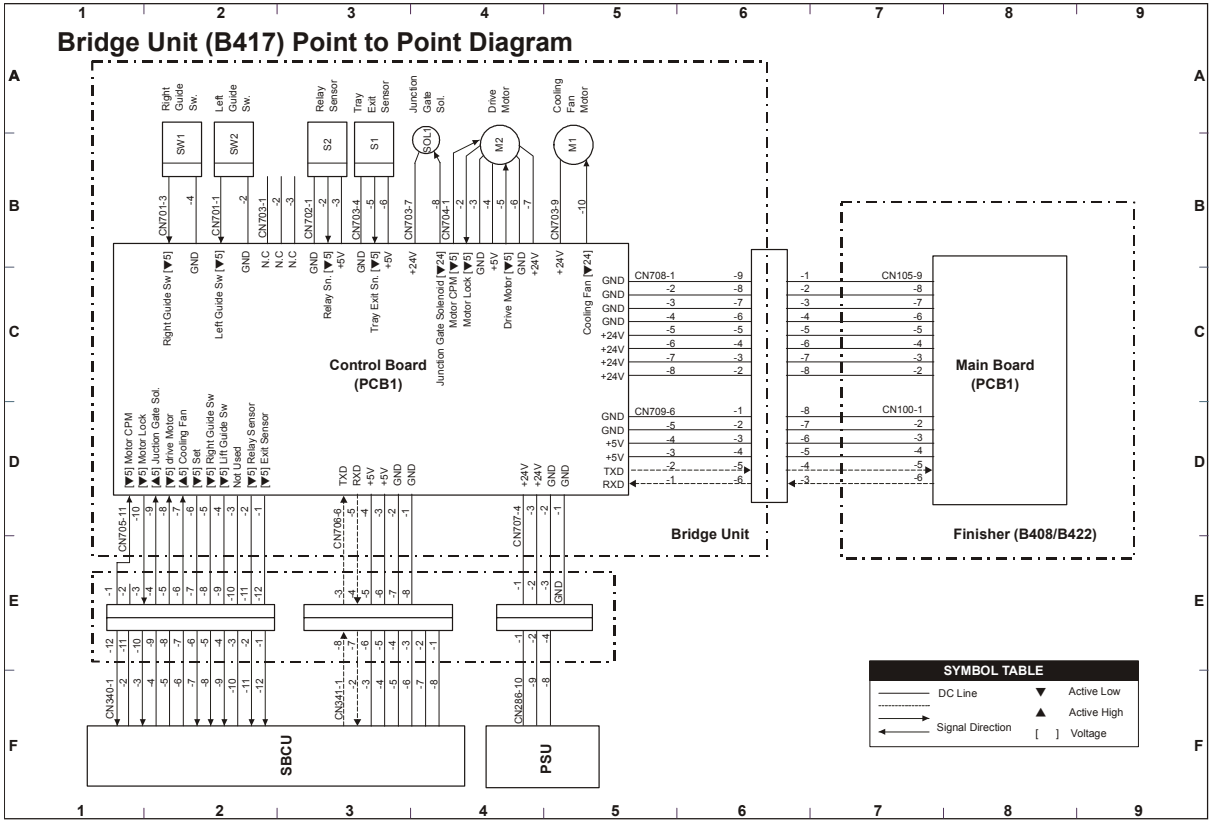
B408D103. MF



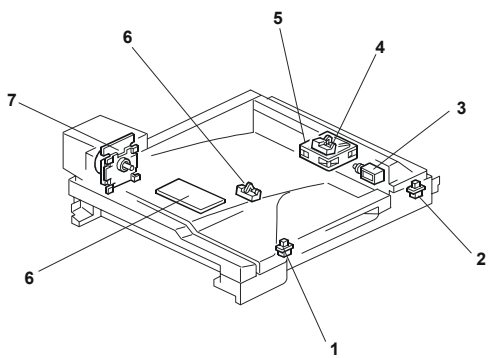
B408D104. MF

Symbol	Name	Index No.	P to P
Motors			
M1	Upper Transport	32	A9
M2	Lower Transport	29	B9
M3	ogger Fence	26	E9
M4	Staple Ha er	17	G4
M5	Stack Feed-o t	27	D9
M6	E it G ide Plate	4	C9
M7	E it	31	B9
M8	Lower Tray Lift	23	F9
M9	Shift	11	C9
M10	Stapler	25	E9
Sensors			
S1	Entrance	3	C2
S2	Paper Li it	2	D2
S3	ogger Fence HP	12	F2
S4	Shift HP	10	D2
S5	Stack Feed-o t Belt HP	19	F2
S6	Stapler HP	14	E2
S7	E it G ide Plate HP	5	D2
S8	Stapler Tray Entrance	15	E2
S9	Lower Tray E it	8	D2
S10	Stack Height	7	F2
S11	Lower Tray Lower Li it	24	E2
S12	Stapler Tray Paper	16	F2
S13	Staple Sheet	18	G9
S14	Stapler Rotation HP	20	G9
S15	Staple	21	G9
Solenoids			
SOL1	Tray nction Gate	22	F9
SOL2	Stapler nction Gate	30	F9
SOL3	Positioning Roller	13	F9
Switches			
S 1	Lower Tray Upper Li it	9	C2
S 2	Front Door Safety	6	C2
S 3	Upper Cover	1	C2
PCBs			
PCB1	Main	28	A5

Bridge Unit (B417) Point to Point Diagram



BRIDGE UNIT (B417) ELECTRICAL COMPONENT LAYOUT



Symbol	Name	Index No.	P to P
Motors			
M1	Cooling Fan	5	B5
M2	Drive Motor	7	B4
Sensors			
S1	Tray Exit	4	B3
S2	Relay	6	B3
Switches			
SW2	Right Guide	2	B2
SW3	Left Guide	1	B2
Solenoids			
SOL1	Junction Gate	3	B4
PCBs			
PCB1	Bridge Unit Control Board	8	C3