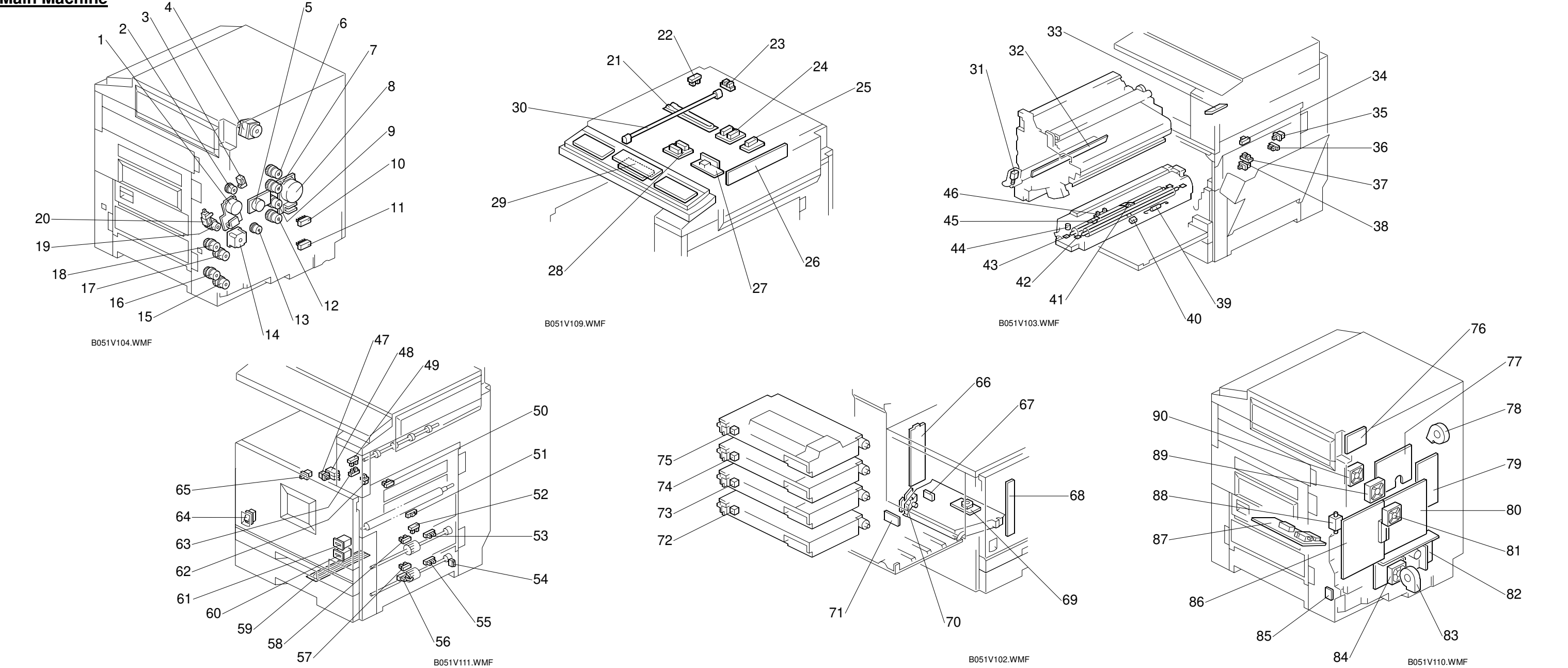


MODEL U-C1 (B051/B052) ELECTRICAL COMPONENT LAYOUT (1/2)

Main Machine



Symbol	Name	Index No.	P to P
Motors			
M1	Fusing unit	1	F1
M2	Scanner	4	B3
M3	Main	5	C1
M4	Development	8	C1
M5	Paper feed	14	G1
M6	Charge corona wire cleaner	31	J4
M7	Polygonal mirror	69	D5
Sensors			
S1	Scanner HP	22	B7
S2	Platen cover	23	B7
S3	Original length 1	24	A7
S4	Original length 2	25	A7
S5	Original width	28	A7
S6	ID	33	E5
S7	Belt mark	34	H1
S8	T/B waste toner	36	H1
S9	O/B waste toner	37	G1
S10	Oil overflow	44	C5
S11	Oil end	46	C5
S12	Paper overflow	49	D1
S13	Fusing exit	50	D1
S14	Paper feed	52	J4

Symbol	Name	Index No.	P to P
S15	Paper near-end 1	53	J4
S16	Paper near-end 2	55	D2
S17	Vertical transport	56	D2
S18	Paper end 2	57	D2
S19	Paper end 1	58	J4
S20	Paper exit	63	D1
S21	Temperature/Humidity	85	D5
S22	Registration	51	J4
Solenoids			
SOL1	Image transfer belt cleaning contact	3	E1
SOL2	Paper transfer	20	F1
SOL3	Oil pump	88	C1
Switches			
SW1	Paper size 1	10	G1
SW2	Paper size 2	11	G1
SW3	T/B waste toner bottle	35	H1
SW4	O/B waste toner bottle	38	H1
SW5	Right cover	47	E1
SW6	Interlock	48	C2
SW7	Right lower cover	54	F1
SW8	Exit cover	62	D1

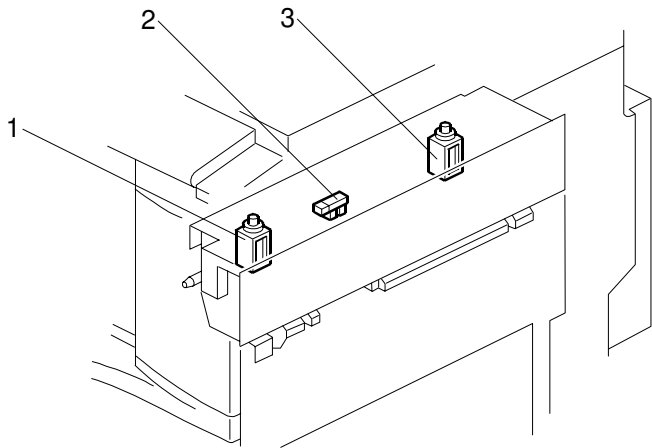
Symbol	Name	Index No.	P to P
SW9	Main power	64	C2
SW10	Front cover	65	E1
Magnetic Clutches			
CL1	Image transfer belt cleaning	2	E1
CL2	Development - K	6	D2
CL3	Development - Y	7	D2
CL4	Development - C	9	C2
CL5	Development - M	12	C2
CL6	OPC belt cleaning	13	E1
CL7	Paper feed 2	15	D2
CL8	Vertical transport 2	16	D2
CL9	Paper feed 1	17	F1
CL10	Vertical transport 1	18	D2
CL11	Registration	19	F1
PCBs			
PCB1	SBU (sensor board unit)	26	A5
PCB2	Lamp stabilizer	27	B2
PCB3	Operation panel	29	B3
PCB4	Rear development	66	D1
PCB5	Laser synch. detection	67	F5
PCB6	Front development	68	D1
PCB7	LD unit	70	G5

Symbol	Name	Index No.	P to P
PCB8	Memory chip I/F	71	A6
PCB9	Scanner I/O	76	A3
PCB10	I/O	77	E2
PCB11	EX I/O	79	F3
PCB12	BICU	80	F6
PCB13	Power supply unit	82	C3
PCB14	Controller	86	H7
PCB15	High voltage supply	87	I4
Lamps			
L1	Exposure	30	B1
L2	Quenching	32	J4

MODEL U-C1 (B051/B052) ELECTRICAL COMPONENT LAYOUT (2/2)

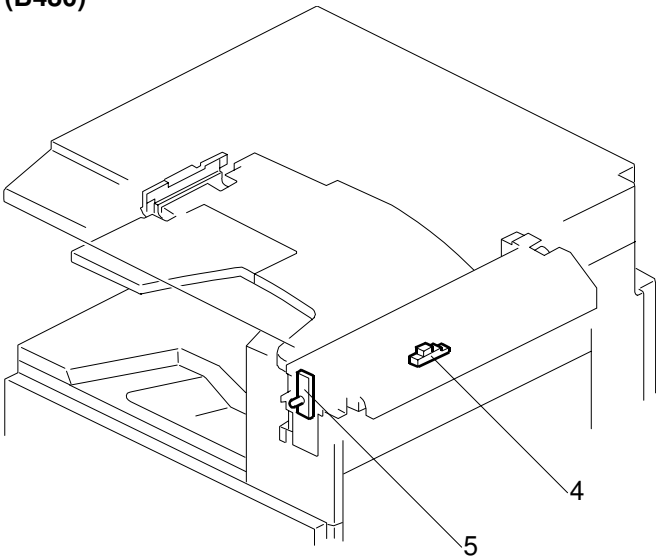
Peripherals

Interchange Unit (B418)



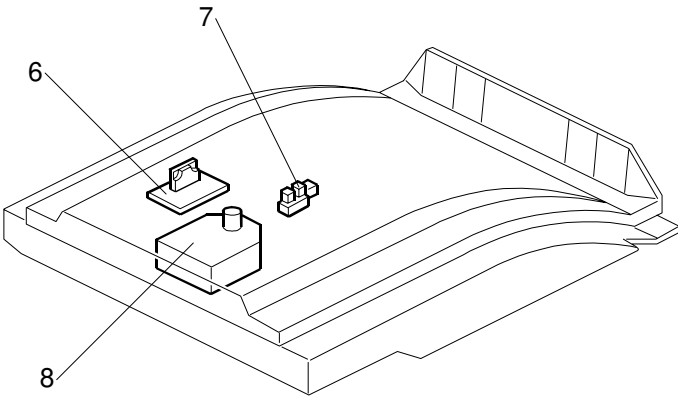
B481V503.WMF

1-Bin Tray Unit (B480)



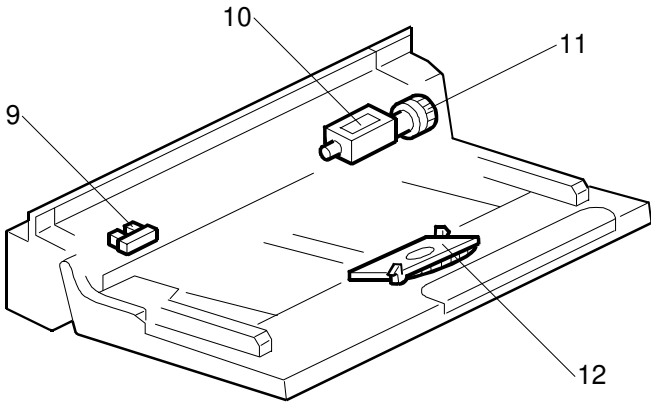
B480V004.WMF

Shift Tray Unit (B510)



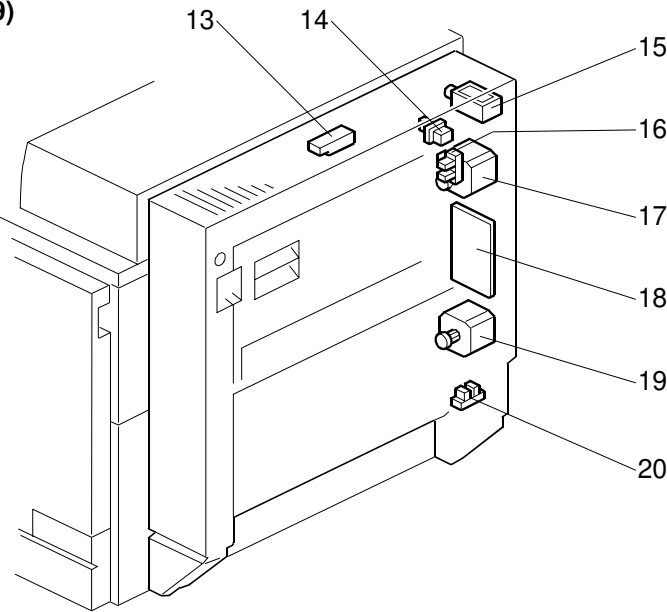
B510V102.WMF

By-pass Tray Unit (B490)



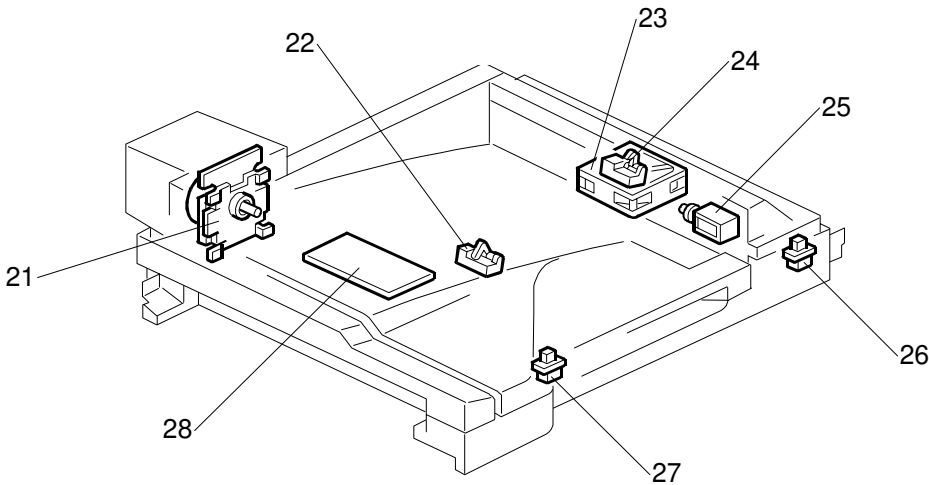
B490V102.WMF

Duplex Unit (B509)



B509V102.WMF

Bridge Unit (B482)



B482V501.WMF

Interchange Unit (B418)

Symbol	Name	Index No.	P to P
Sensors			
S1	Exit	2	J2
Solenoids			
SOL1	Exit Junction	1	J2
SOL2	Duplex junction gate	3	J2

Shift Tray Unit (B510)

Symbol	Name	Index No.	P to P
Motors			
M1	Tray	8	F4
Sensors			
S1	Half turn	7	F4
PCBs			
PCB1	Driver	6	F4

1-Bin Tray Unit (B480)

Symbol	Name	Index No.	P to P
Sensors			
S1	Paper	4	I1
LEDs			
L1	1-Bin exit tray	5	I1

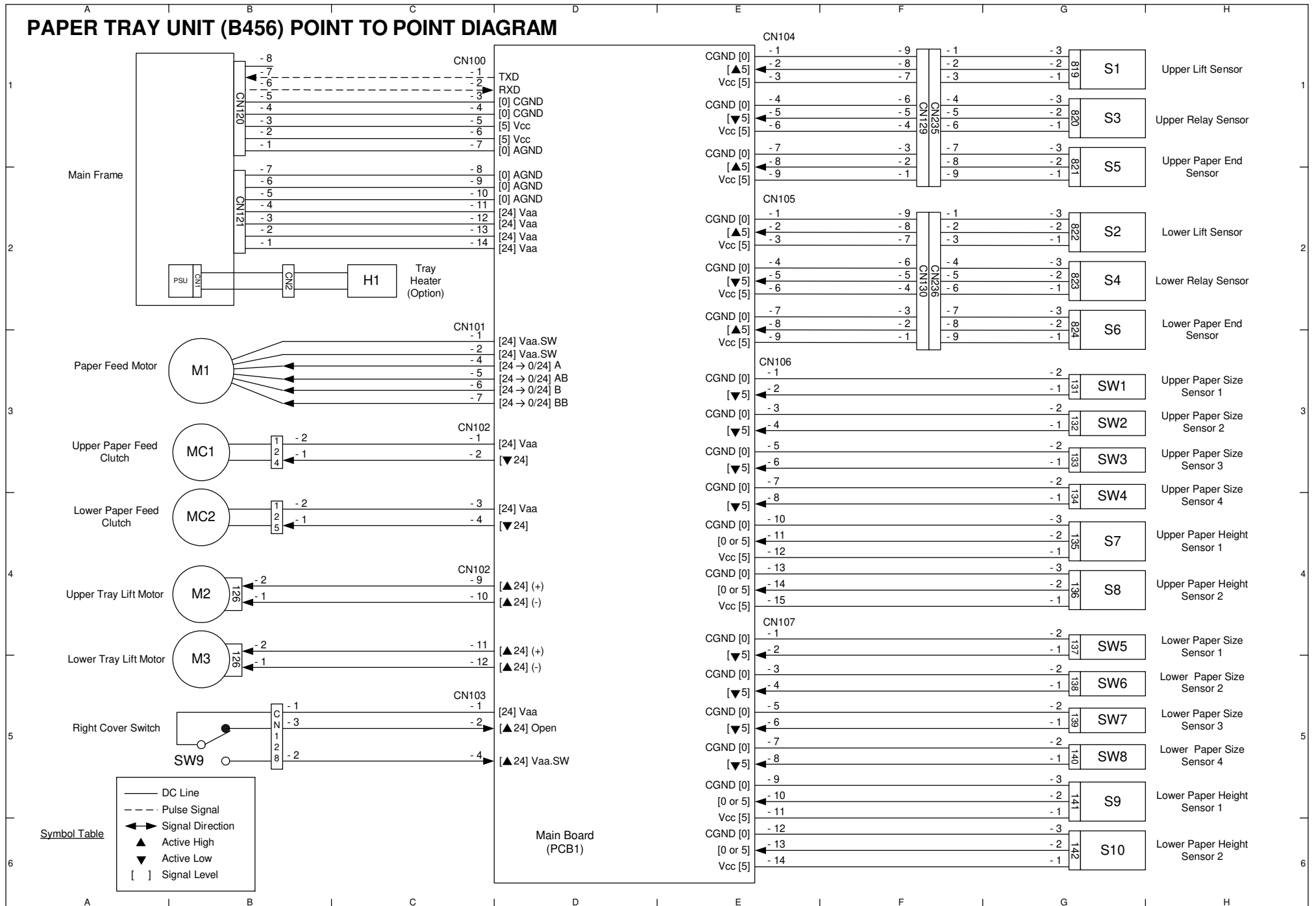
By-pass Tray Unit (B490)

Symbol	Name	Index No.	P to P
Sensors			
S1	Paper end	9	I2
S2	Paper size	12	I2
Solenoids			
SOL1	Pick-up	10	H2
Magnetic Clutches			
CL1	Paper feed	11	H2

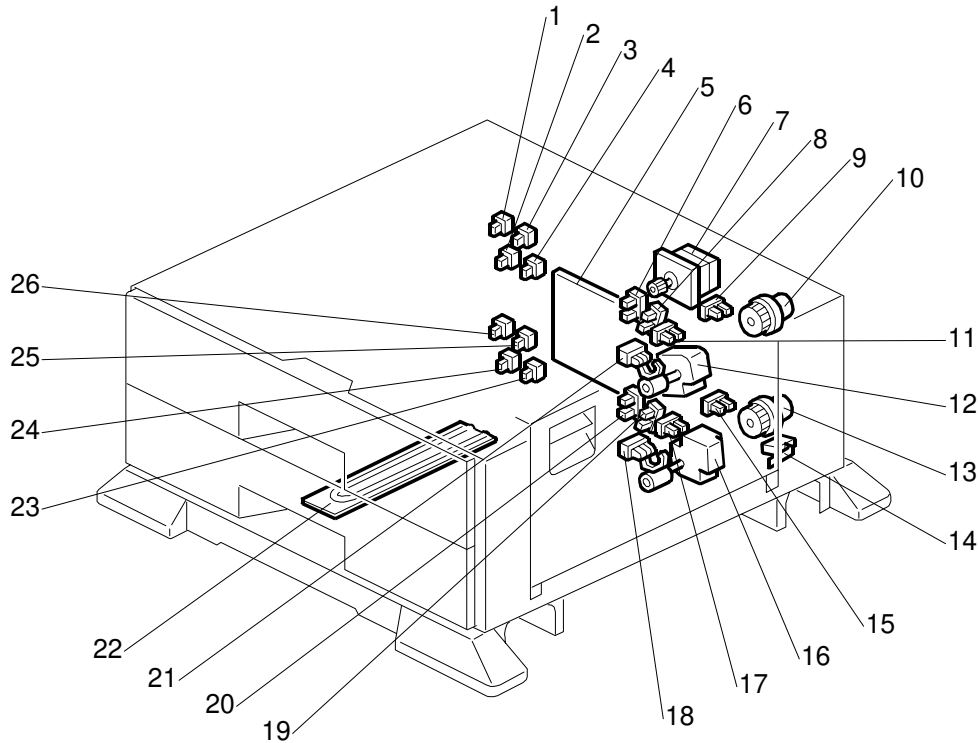
Duplex Unit (B509)

Symbol	Name	Index No.	P to P
Motors			
M1	Inverter	18	F4
M2	Transport	19	F4
Sensors			
S1	Entrance	13	

PAPER TRAY UNIT (B456) POINT TO POINT DIAGRAM



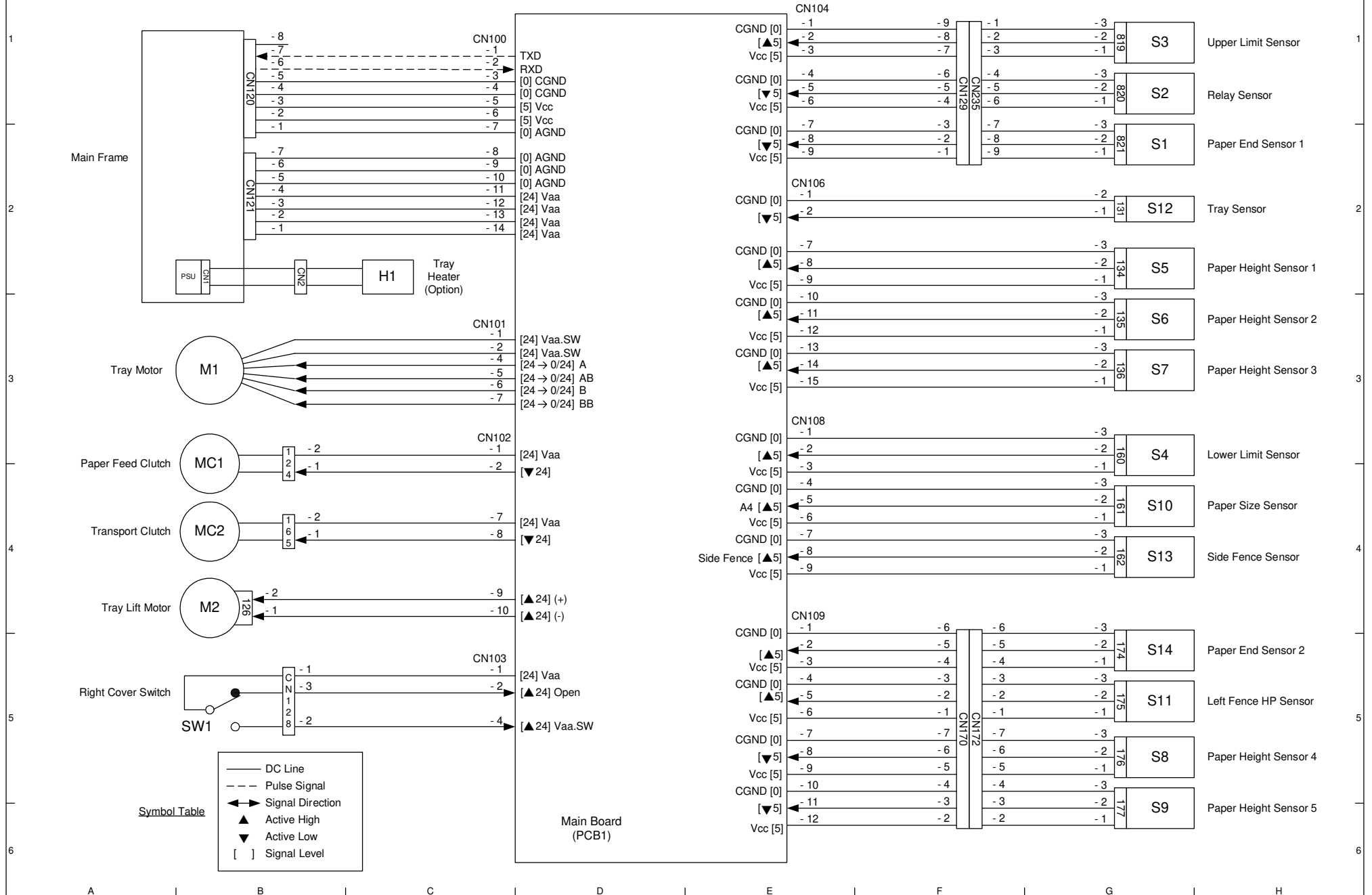
PAPER TRAY UNIT (B456) ELECTRICAL COMPONENT LAYOUT



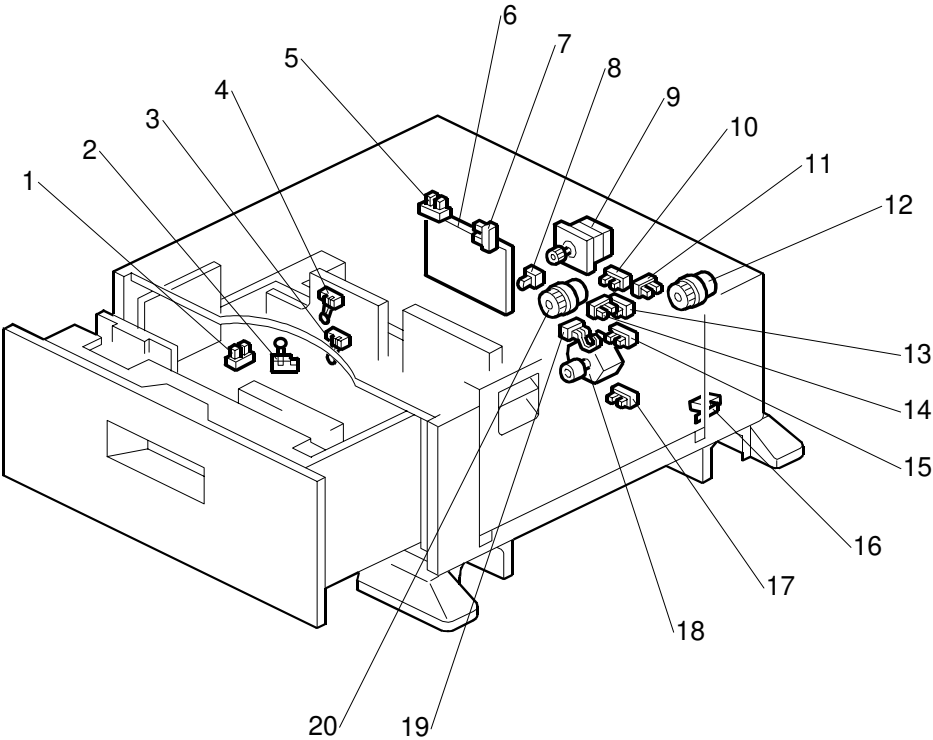
B456V101.WMF

Symbol	Description	Index No.	P-to-P
Motors			
M1	Paper Feed	7	B3
M2	Upper Tray Lift	12	B4
M3	Lower Tray Lift	16	B5
Sensors			
S1	Upper Lift	9	G1
S2	Lower Lift	15	G2
S3	Upper Relay	21	G1
S4	Lower Relay	18	G2
S5	Upper Paper End	11	G1
S6	Lower Paper End	17	G2
S7	Upper Paper Height 1	6	G4
S8	Upper Paper Height 2	8	G4
S9	Lower Paper Height 1	20	G5
S10	Lower Paper Height 2	19	G6
Switches			
SW1	Upper Paper Size 1	1	G3
SW2	Upper Paper Size 2	2	G3
SW3	Upper Paper Size 3	3	G3
SW4	Upper Paper Size 4	4	G4
SW5	Lower Paper Size 1	26	G4
SW6	Lower Paper Size 2	24	G5
SW7	Lower Paper Size 3	25	G5
SW8	Lower Paper Size 4	23	G5
SW9	Right Cover	14	B5
Magnetic Clutches			
MC1	Upper Paper Feed	10	B3
MC2	Lower Paper Feed	13	B4
PCBs			
PCB1	Main	5	D6
Heaters			
H1	Tray Heater (Option)	22	C2

LCT (B457) POINT TO POINT DIAGRAM



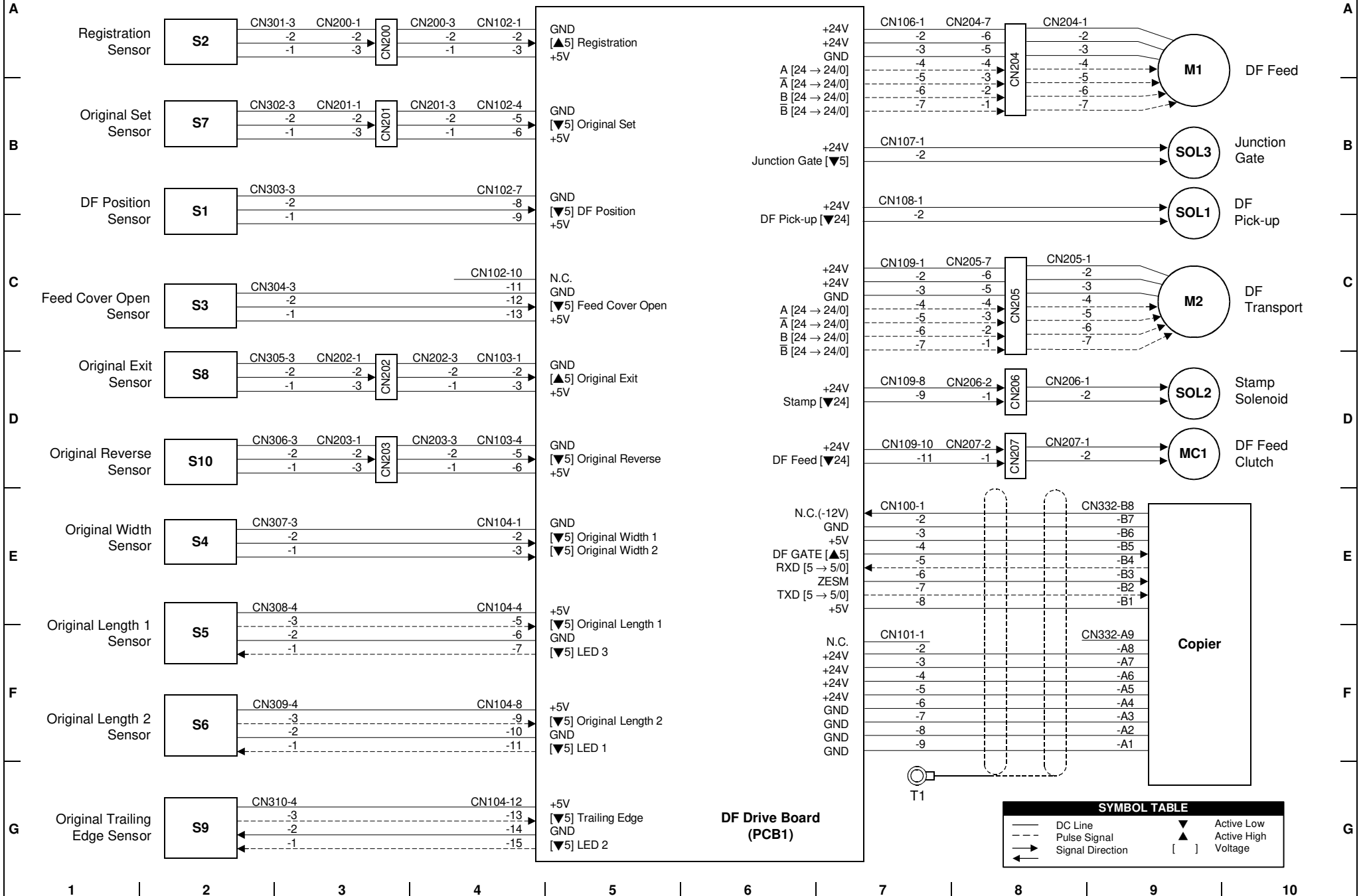
LCT (B457) ELECTRICAL COMPONENT LAYOUT



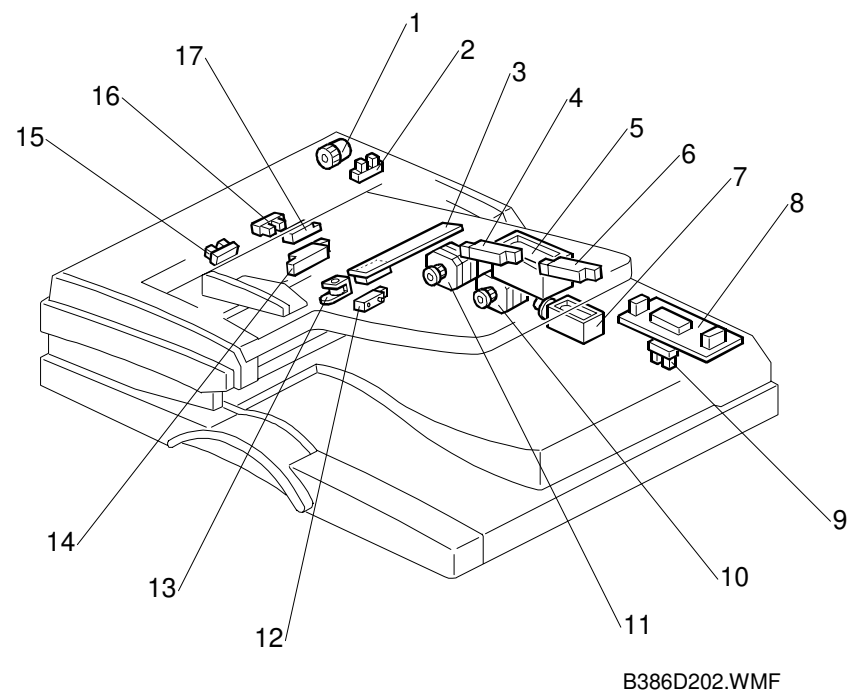
B457V101.WMF

Symbol	Description	Index No.	P to P
Motors			
M1	Tray Motor	9	B3
M2	Tray Lift Motor	18	B4
Sensors			
S1	Paper End 1	14	G2
S2	Relay	19	G1
S3	Upper Limit	11	G1
S4	Lower Limit	17	G3
S5	Paper Height 1	10	G2
S6	Paper Height 2	13	G3
S7	Paper Height 3	15	G3
S8	Paper Height 4	3	G5
S9	Paper Height 5	4	G6
S10	Paper Size	5	G4
S11	Left Fence Home Position	1	G5
S12	Tray	8	G2
S13	Side Fence	7	G4
S14	Paper End 2	2	G5
Switches			
SW1	Right Cover	16	B5
Magnetic Clutches			
MC1	Paper Feed	12	B3
MC2	Stack Transport	20	B4
PCBs			
PCB1	Main	6	D6
Heaters			
H1	Tray Heater (Option)	—	C2

ARDF (B386) POINT TO POINT DIAGRAM

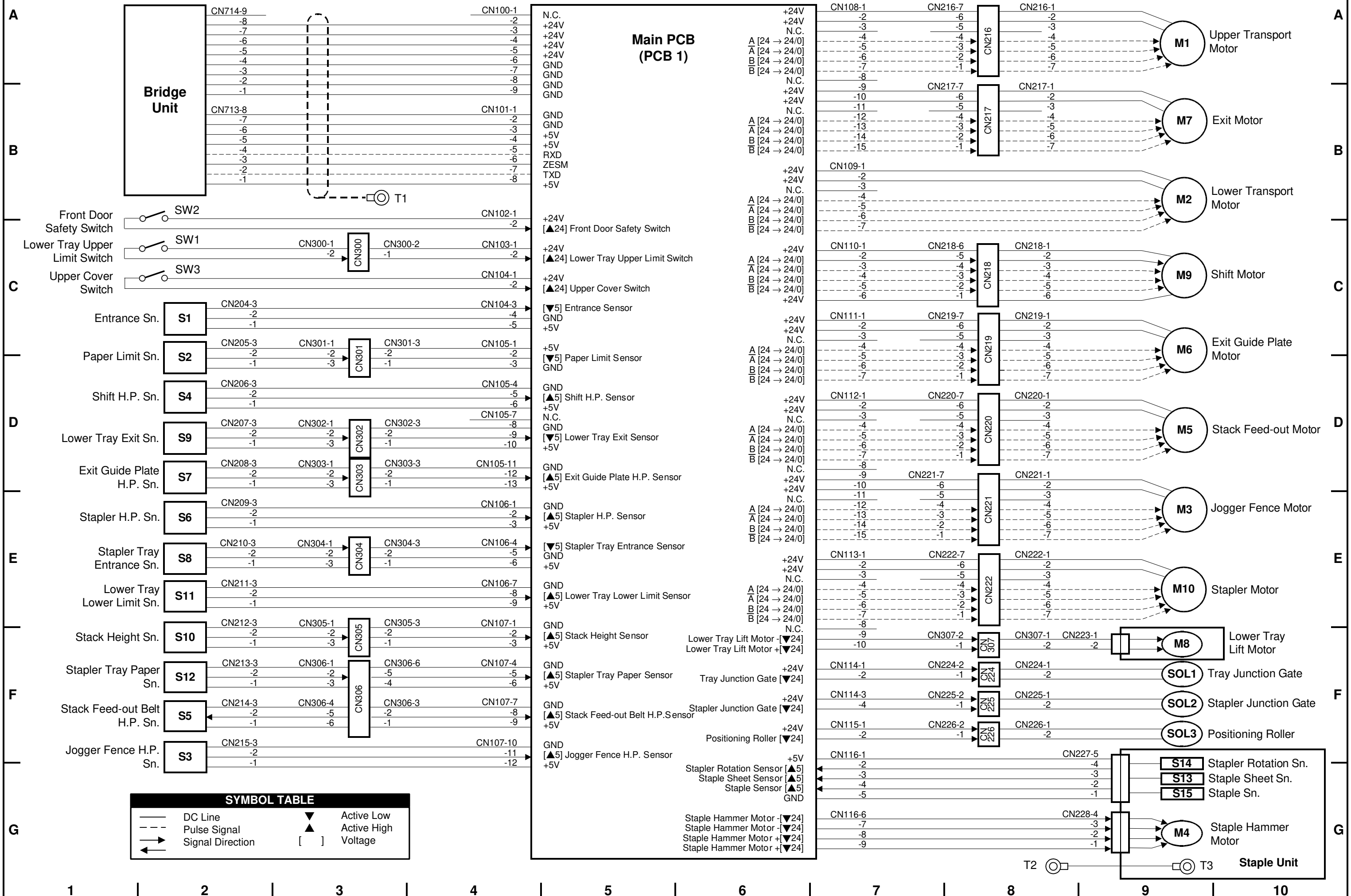


ARDF (B386) ELECTRICAL COMPONENT LAYOUT

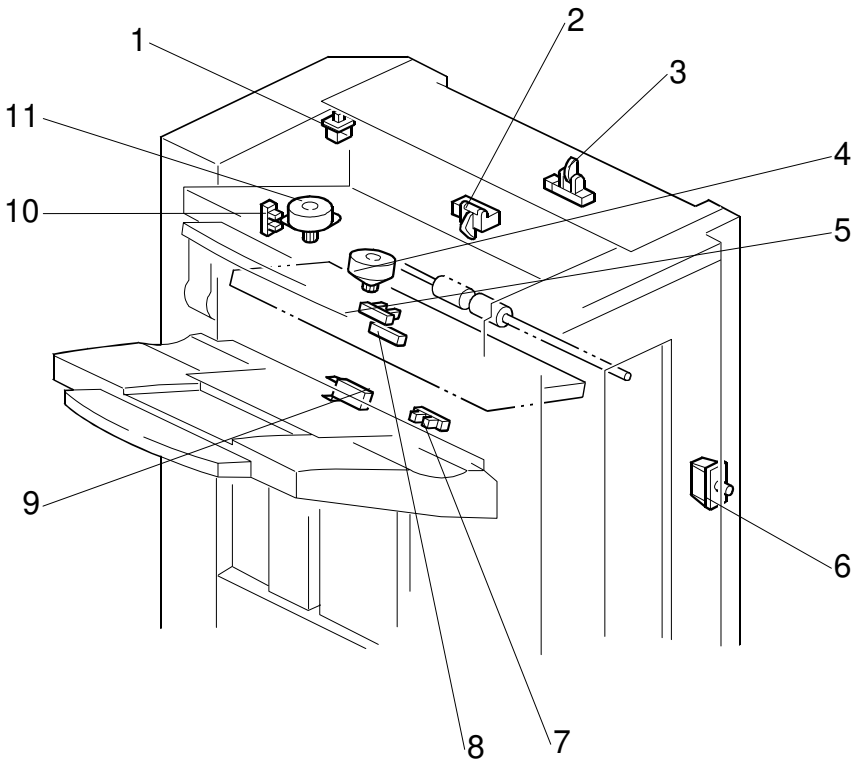


Symbol	Name	Index No.	P to P
Motors			
M1	DF Feed	10	A9
M2	DF Transport	11	C9
Sensors			
S1	DF Position	9	B2
S2	Registration	17	A2
S3	Feed Cover Open	2	C2
S4	Original Width Sensor Board	3	E2
S5	Original Length 1	4	F2
S6	Original Length 2	6	F2
S7	Original Set	15	B2
S8	Original Exit	12	D2
S9	Original Trailing Edge	14	G2
S10	Original Reverse	16	D2
Solenoids			
SOL1	DF Pick-up	5	B9
SOL2	Stamp	13	D9
SOL3	Junction Gate	7	B9
Magnetic Clutches			
MC1	DF Feed	1	D9
PCBs			
PCB1	DF Drive	8	G6

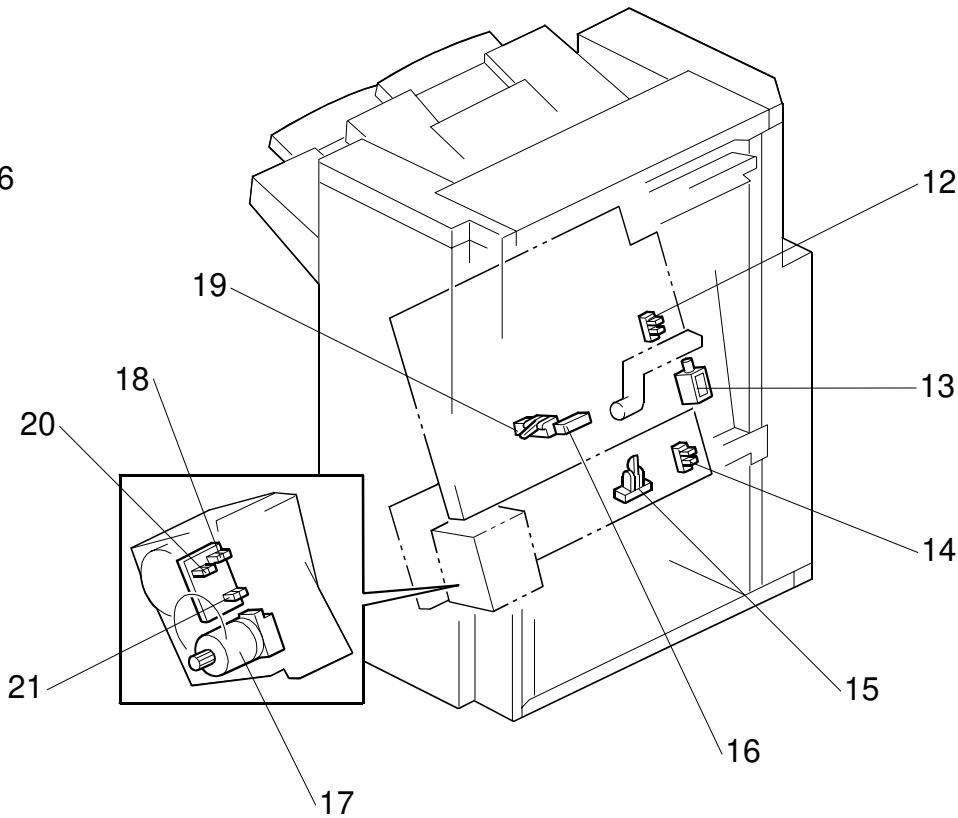
1000-SHEET FINISHER (B408) POINT TO POINT DIAGRAM



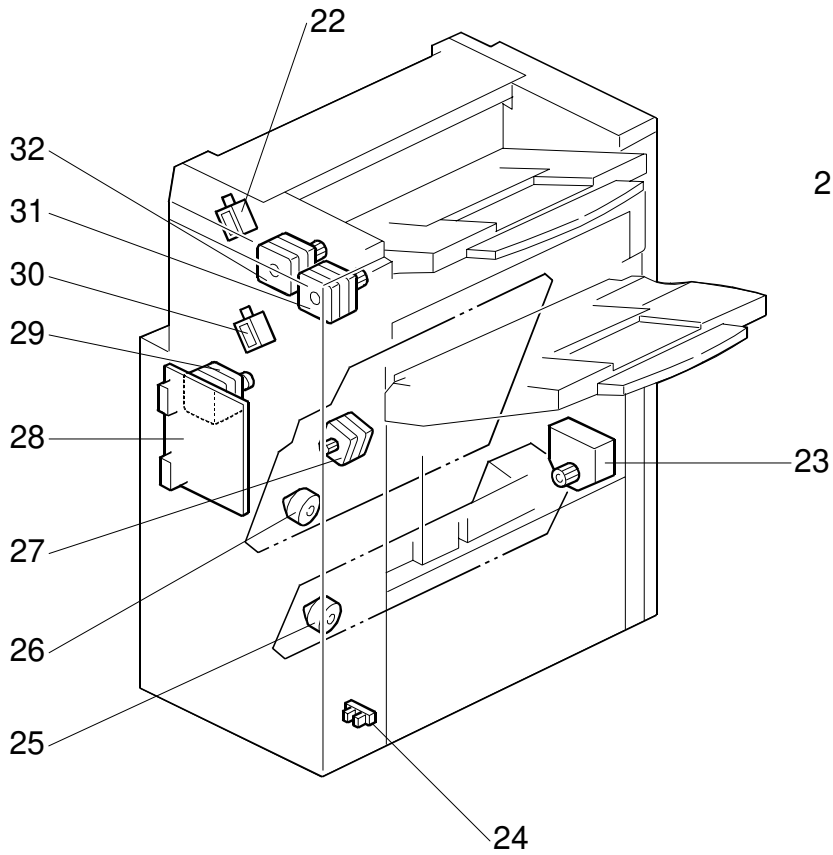
1000-SHEET FINISHER (B408) ELECTRICAL COMPONENT LAYOUT



B408D102.WMF

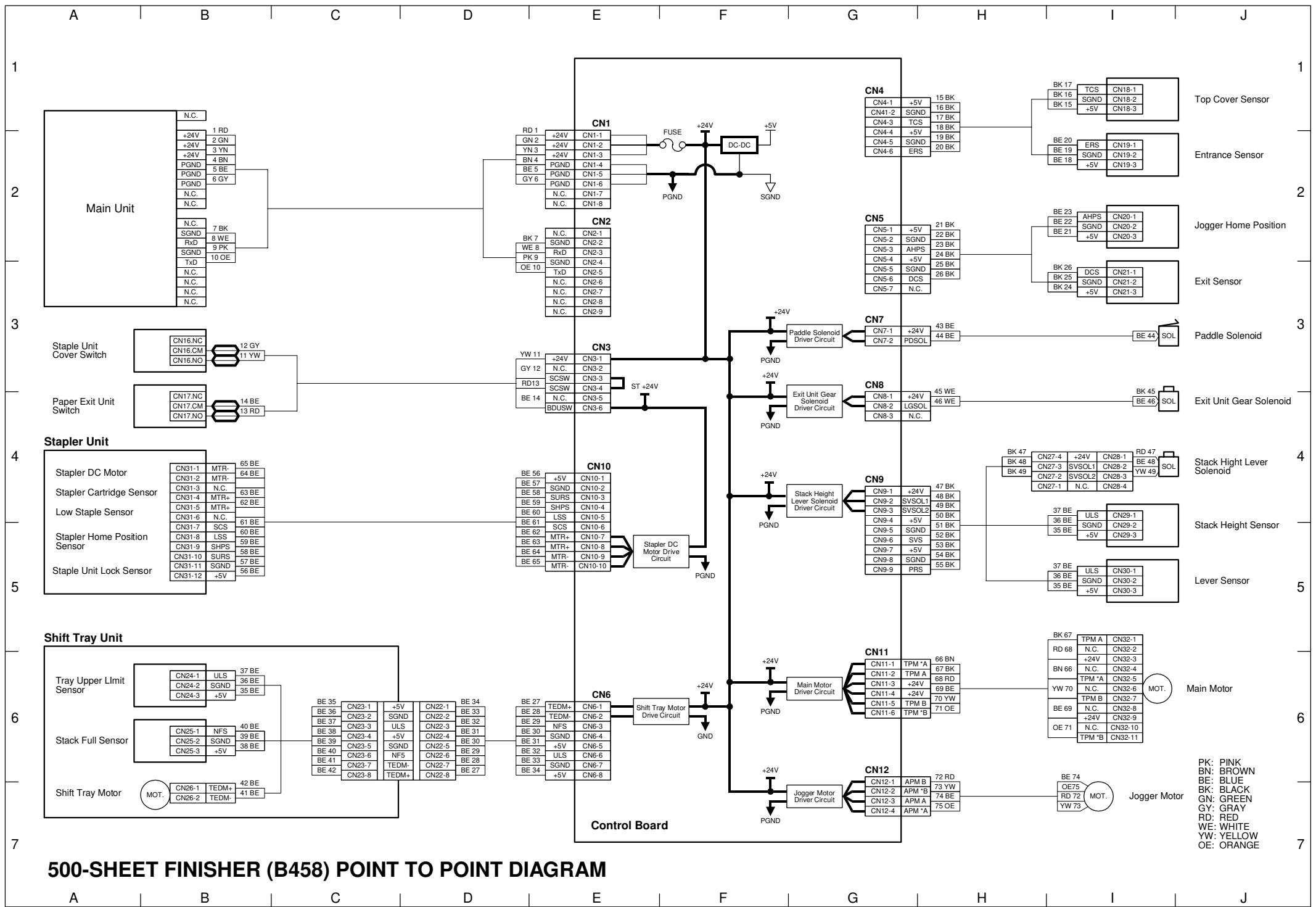


B408D103.WMF

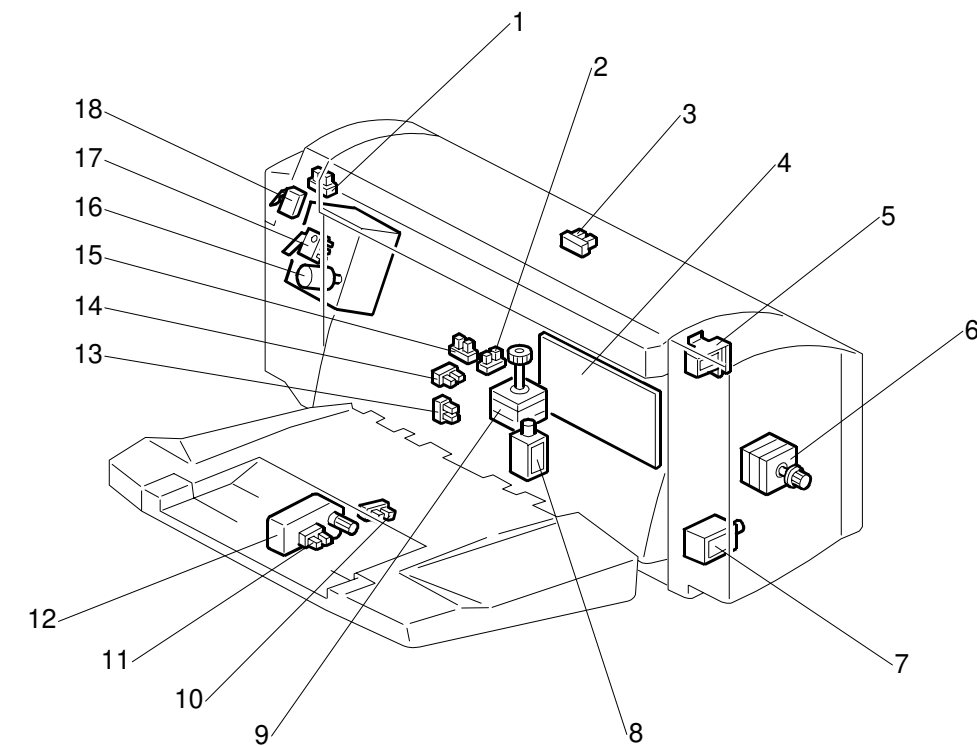


B408D104.WMF

Symbol	Name	Index No.	P to P
Motors			
M1	Upper Transport	32	A9
M2	Lower Transport	29	B9
M3	Jogger Fence	26	E9
M4	Staple Hammer	17	G4
M5	Stack Feed-out	27	D9
M6	Exit Guide Plate	4	C9
M7	Exit	31	B9
M8	Lower Tray Lift	23	F9
M9	Shift	11	C9
M10	Stapler	25	E9
Sensors			
S1	Entrance	3	C2
S2	Paper Limit	2	D2
S3	Jogger Fence HP	12	F2
S4	Shift HP	10	D2
S5	Stack Feed-out Belt HP	19	F2
S6	Stapler HP	14	E2
S7	Exit Guide Plate HP	5	D2
S8	Stapler Tray Entrance	15	E2
S9	Lower Tray Exit	8	D2
S10	Stack Height	7	F2
S11	Lower Tray Lower Limit	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 Junction Gate	22	F9
SOL2	Stapler Junction Gate	30	F9
SOL3	Positioning Roller	13	F9
Switches			
SW1	Lower Tray Upper Limit	9	C2
SW2	Front Door Safety	6	C2
SW3	Upper Cover	1	C2
PCBs			
PCB1	Main	28	A5



500-SHEET FINISHER (B458) ELECTRICAL COMPONENT LAYOUT



B458V102.WMF

Symbols	Name	Index No.	P to P
Motors			
M1	Main	6	I6
M2	Jogger	9	I7
M3	Output Tray	12	B7
M4	Stapler	16	B4
Sensors			
S1	Entrance	3	I2
S2	Exit	15	I3
S3	Stack height	13	I5
S4	Lever	14	I5
S5	Jogger home position	2	I2
S6	Top cover	1	I1
S7	Tray upper limit	11	B6
S8	Stack near-limit	10	B6
Solenoids			
SOL1	Exit unit gear	7	I4
SOL2	Paddle roller	5	I3
SOL3	Stack height lever	8	I4
Switches			
SW1	Paper exit unit	18	B4
SW2	Staple unit cover	17	B3
PCBs			
PCB1	Main control	4	F6