

2



B064/B065 POINT TO POINT DIAGRAM 2/2

This diagram illustrates the point-to-point wiring for the B064/B065 system. It is organized into columns labeled A through J and rows labeled 1 through 7. The diagram shows the electrical connections between various components, including sensors, solenoids, motors, and control units.

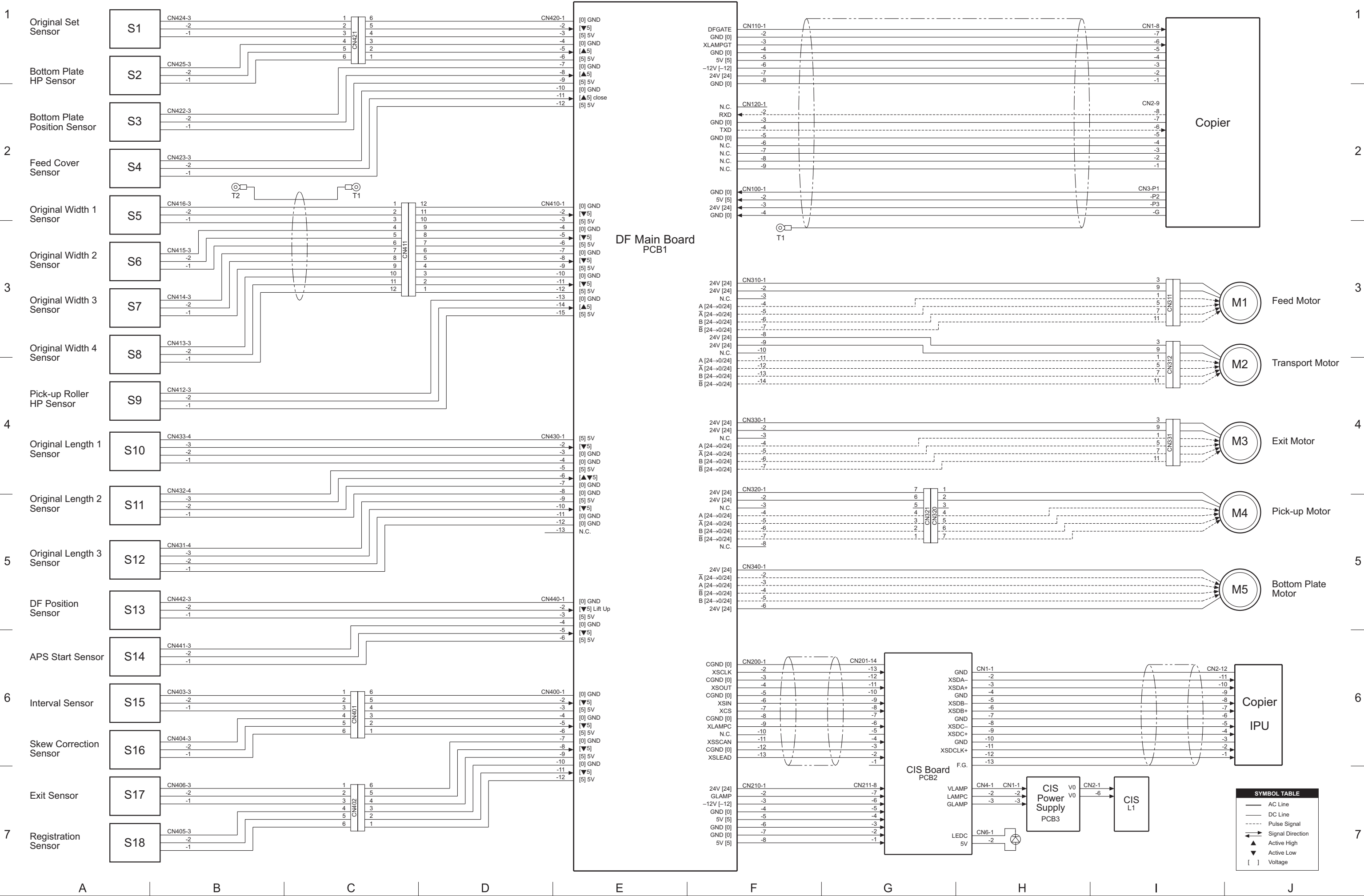
Legend:

- AC Line
- DC Line
- Pulse Signal
- Signal Direction
- Active High
- Active Low
- Voltage

Key Components and Connections:

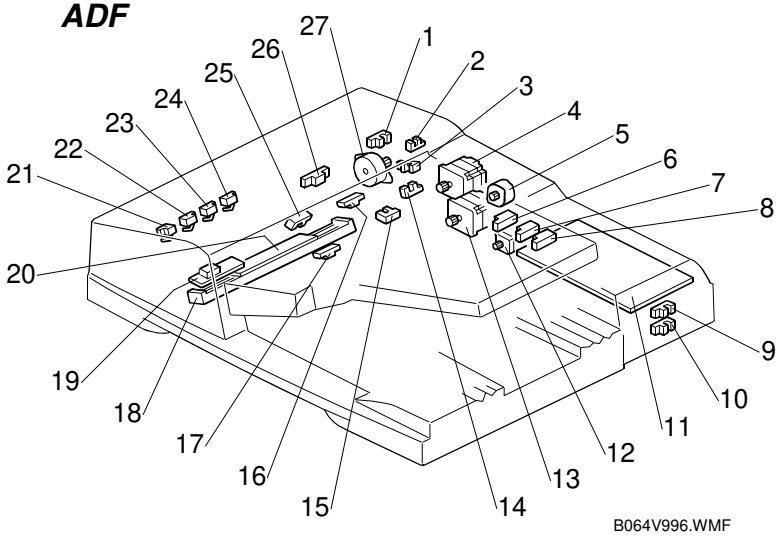
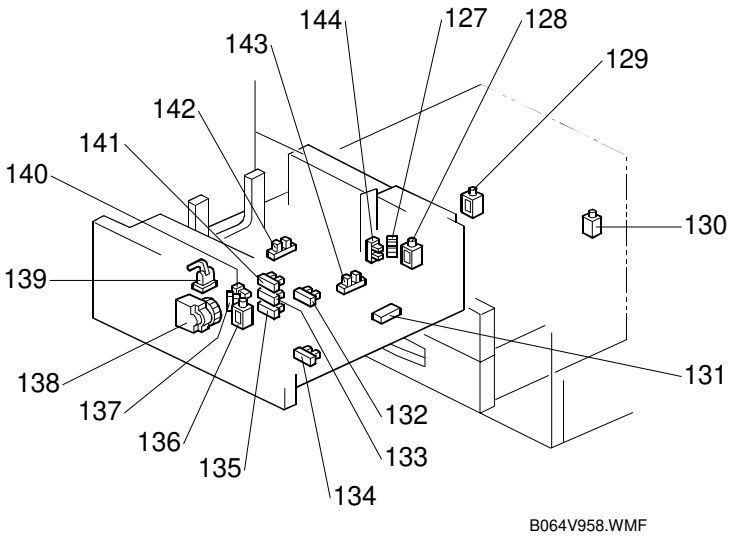
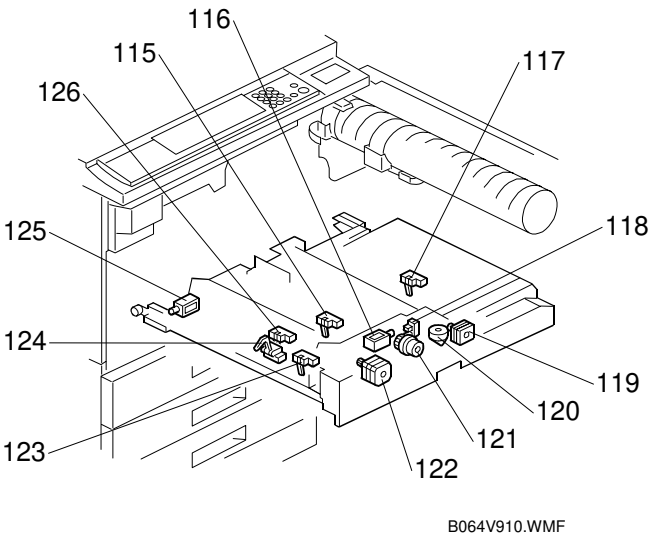
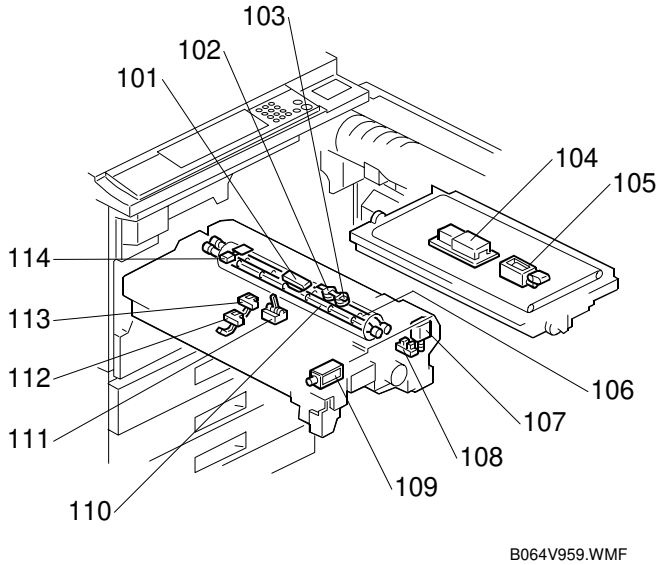
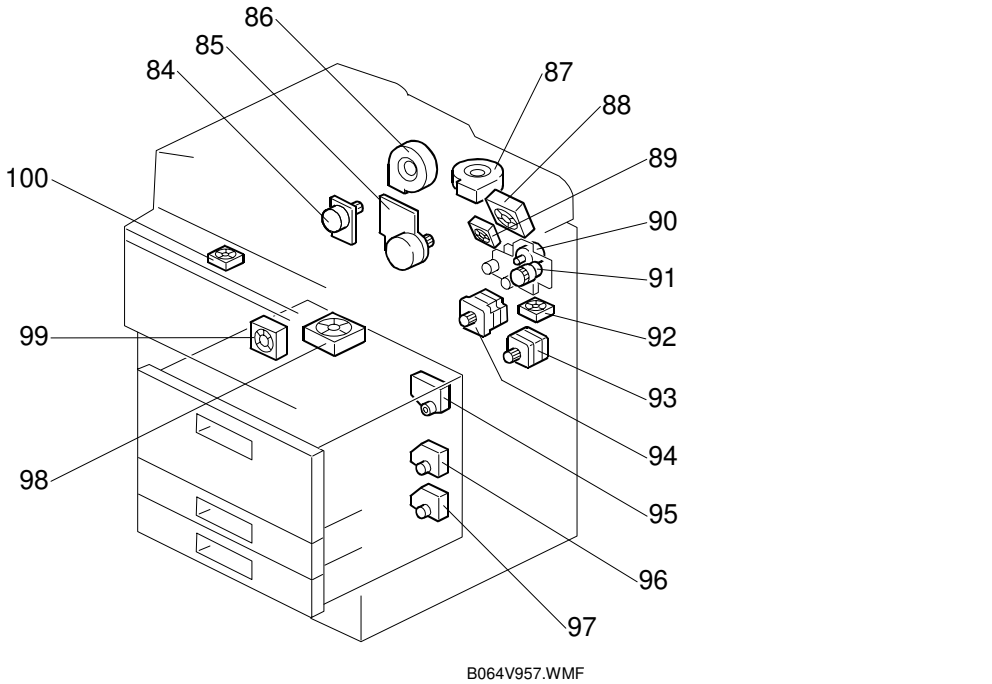
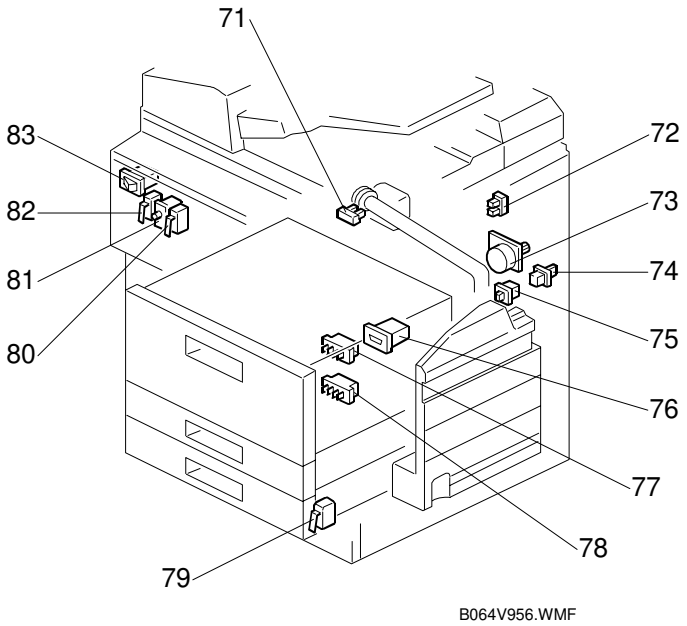
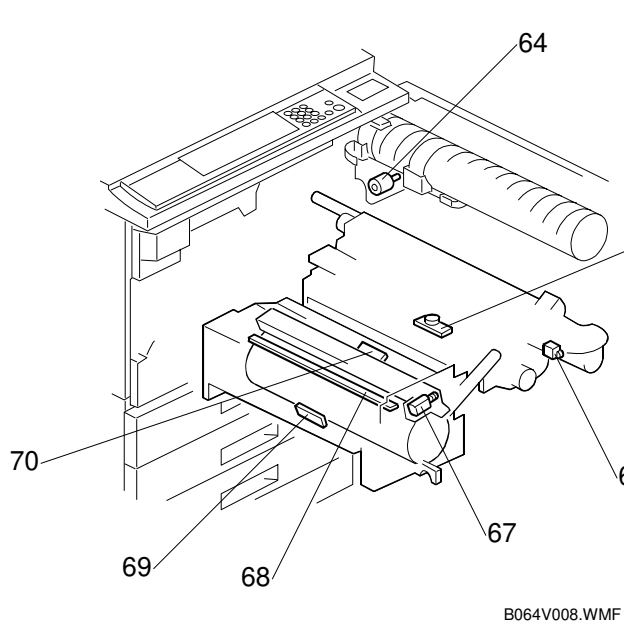
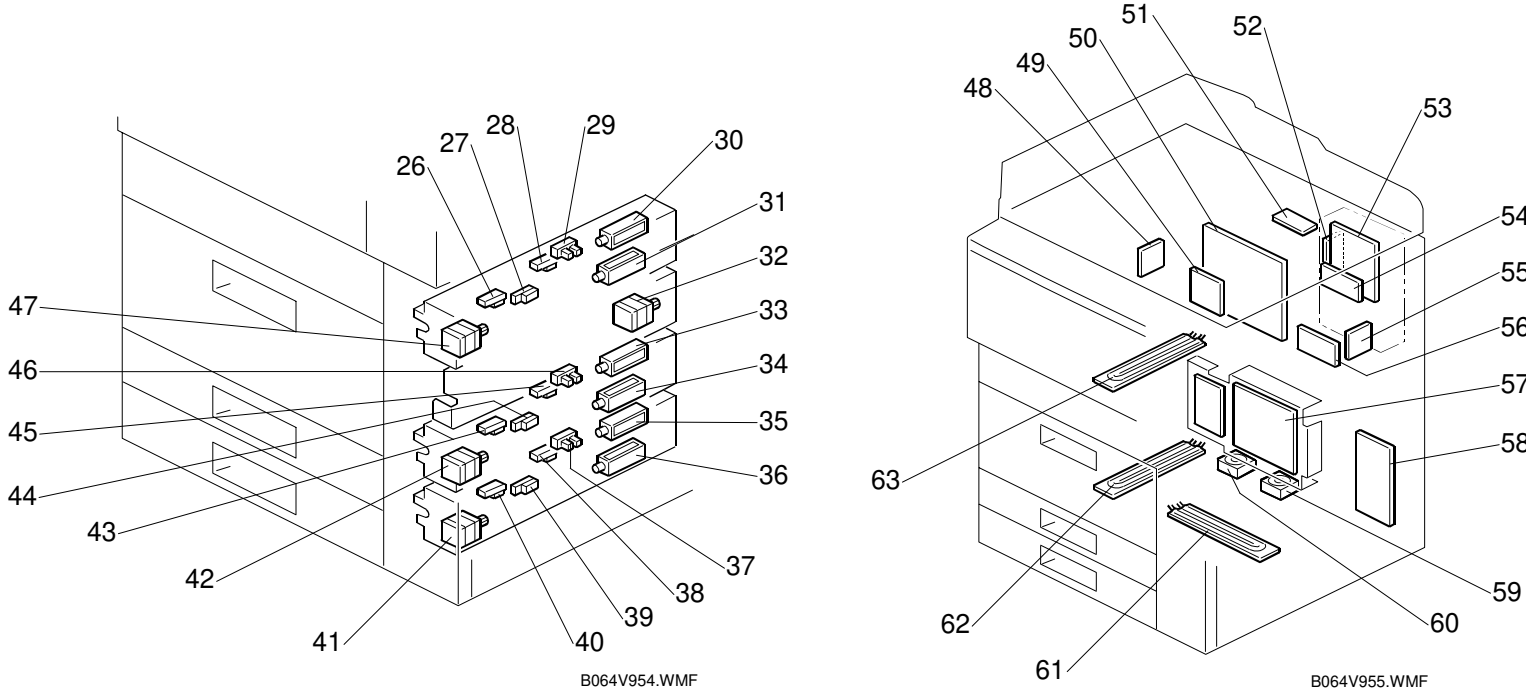
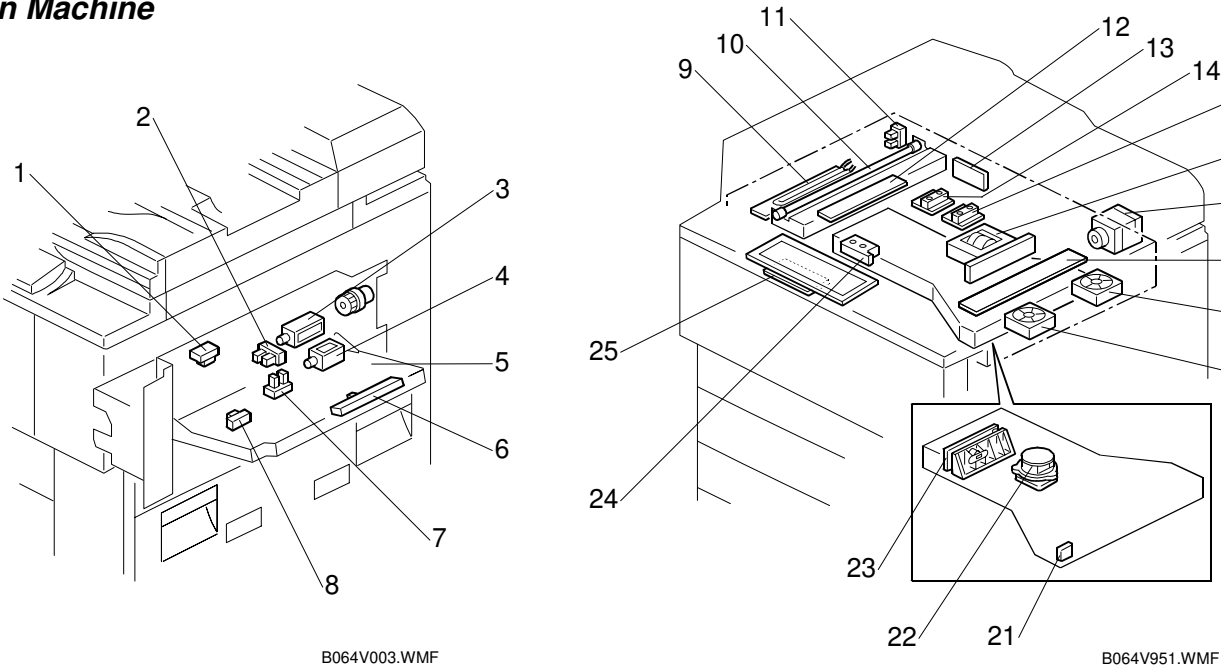
- Sensors:** 1st Paper Feed Sensor, 1st Vertical Transport Sensor, 1st Pick-up Solenoid, 1st Paper End Sensor, 1st Tray Lift Sensor, 1st Separation Roller Solenoid, 2nd Paper Feed Sensor, 2nd Vertical Transport Sensor, 2nd Pick-up Solenoid, 2nd Paper End Sensor, 2nd Tray Lift Sensor, 2nd Separation Roller Solenoid, 3rd Paper Feed Sensor, 3rd Vertical Transport Sensor, 3rd Pick-up Solenoid, 3rd Paper End Sensor, 3rd Tray Lift Sensor, 3rd Separation Roller Solenoid.
- Solenoids:** 1st Paper Feed Solenoid, 1st Vertical Transport Solenoid, 1st Pick-up Solenoid, 1st Paper End Solenoid, 1st Tray Lift Solenoid, 1st Separation Roller Solenoid, 2nd Paper Feed Solenoid, 2nd Vertical Transport Solenoid, 2nd Pick-up Solenoid, 2nd Paper End Solenoid, 2nd Tray Lift Solenoid, 2nd Separation Roller Solenoid, 3rd Paper Feed Solenoid, 3rd Vertical Transport Solenoid, 3rd Pick-up Solenoid, 3rd Paper End Solenoid, 3rd Tray Lift Solenoid, 3rd Separation Roller Solenoid.
- Motors:** 1st Paper Feed Motor, 3rd Paper Feed Motor, 2nd Paper Feed Motor, 2nd Tray Lift Motor, 3rd Tray Lift Motor, 1st Tray Lift Motor.
- Control Units:** BCU B7 (1/2), BCU F5 (1/2), BCU C2 (1/2), BCU B2 (1/2), BCU D4 (1/2), BCU G4 (1/2), BCU D2 (1/2), BCU D1 (1/2), BCU D3 (1/2), BCU D5 (1/2), BCU D6 (1/2), BCU D7 (1/2), BCU D8 (1/2), BCU D9 (1/2), BCU D10 (1/2), BCU D11 (1/2), BCU D12 (1/2), BCU D13 (1/2), BCU D14 (1/2), BCU D15 (1/2), BCU D16 (1/2), BCU D17 (1/2), BCU D18 (1/2), BCU D19 (1/2), BCU D20 (1/2), BCU D21 (1/2), BCU D22 (1/2), BCU D23 (1/2), BCU D24 (1/2), BCU D25 (1/2), BCU D26 (1/2), BCU D27 (1/2), BCU D28 (1/2), BCU D29 (1/2), BCU D30 (1/2), BCU D31 (1/2), BCU D32 (1/2), BCU D33 (1/2), BCU D34 (1/2), BCU D35 (1/2), BCU D36 (1/2), BCU D37 (1/2), BCU D38 (1/2), BCU D39 (1/2), BCU D40 (1/2), BCU D41 (1/2), BCU D42 (1/2), BCU D43 (1/2), BCU D44 (1/2), BCU D45 (1/2), BCU D46 (1/2), BCU D47 (1/2), BCU D48 (1/2), BCU D49 (1/2), BCU D50 (1/2), BCU D51 (1/2), BCU D52 (1/2), BCU D53 (1/2), BCU D54 (1/2), BCU D55 (1/2), BCU D56 (1/2), BCU D57 (1/2), BCU D58 (1/2), BCU D59 (1/2), BCU D60 (1/2), BCU D61 (1/2), BCU D62 (1/2), BCU D63 (1/2), BCU D64 (1/2), BCU D65 (1/2), BCU D66 (1/2), BCU D67 (1/2), BCU D68 (1/2), BCU D69 (1/2), BCU D70 (1/2), BCU D71 (1/2), BCU D72 (1/2), BCU D73 (1/2), BCU D74 (1/2), BCU D75 (1/2), BCU D76 (1/2), BCU D77 (1/2), BCU D78 (1/2), BCU D79 (1/2), BCU D80 (1/2), BCU D81 (1/2), BCU D82 (1/2), BCU D83 (1/2), BCU D84 (1/2), BCU D85 (1/2), BCU D86 (1/2), BCU D87 (1/2), BCU D88 (1/2), BCU D89 (1/2), BCU D90 (1/2), BCU D91 (1/2), BCU D92 (1/2), BCU D93 (1/2), BCU D94 (1/2), BCU D95 (1/2), BCU D96 (1/2), BCU D97 (1/2), BCU D98 (1/2), BCU D99 (1/2), BCU D100 (1/2).

B064/B065 ADF POINT TO POINT DIAGRAM



B064/B065 ELECTRICAL COMPONENT LAYOUT (1/2)

Main Machine



B064/B065 ELECTRICAL COMPONENT LAYOUT (2/2)

Main Machine

Symbol	Index No.	Description	P to P
Motors			
M1	92	HDD Cooling Fan	H3 (1/2)
M2	89	ASIC Cooling Fan	D1 (1/2)
M3	22	Polygonal Mirror	J2 (1/2)
M4	100	Toner Cooling Fan	G5 (1/2)
M5	85	Drum	A2 (1/2)
M6	84	Fusing/Exit	A2 (1/2)
M7	90	Development	A2 (1/2)
M8	122	Duplex Inverter	A7 (1/2)
M9	120	Duplex Transport	A7 (1/2)
M10	94	Registration	A7 (1/2)
M11	93	By-pass Feed	
M12	17	Scanner	E4 (1/2)
M13	86	Exhaust Fan	D7 (1/2)
M14	87	Charge Power Pack Cooling Fan	D7 (1/2)
M15	19	Development Unit Cooling Fan 1	D7 (1/2)
M16	20	Development Unit Cooling Fan 2	D7 (1/2)
M17	88	Drum Cooling Fan	D7 (1/2)
M18	107	Web	E7 (1/2)
M19	67	Charge Corona Wire Cleaner	E7
M20	99	PCU Cooling Fan	F7 (1/2)
M21	121	Jogger	G7 (1/2)
M22	64	Toner Supply	I7 (1/2)
M23	98	Duplex Cooling Fan	J7 (1/2)
M24	32	Lower Relay	A7 (1/2)
M25	47	1st Paper Feed	C3 (2/2)
M26	41	3rd Paper Feed	C4 (2/2)
M27	42	2nd Paper Feed	C4 (2/2)
M28	96	2nd Tray Lift	C6 (2/2)
M29	97	3rd Tray Lift	C6 (2/2)
M30	95	1st Tray Lift	C7 (2/2)
M31	73	Toner Collection	C7 (2/2)
M32	138	Rear Fence	F6 (2/2)
M33	59	PSU Cooling Fan 1	G2 (2/2)
M34	60	PSU Cooling Fan 2	G2 (2/2)
Sensors			
S1	24	Original Width	D5 (1/2)
S2	14	Original Length 1	D5 (1/2)
S3	15	Original Length 2	D5 (1/2)
S4	11	Scanner HP	D5 (1/2)
S5	72	Toner Collection Motor	D6 (1/2)
S6	108	Web End	E7 (1/2)
S7	113	Exit Unit Entrance	E7 (1/2)
S8	112	Paper Exit	E7 (1/2)
S9	69	Image Density (ID)	F7 (1/2)
S10	70	Drum Potential	F7 (1/2)
S11	124	Duplex Entrance	F7 (1/2)
S12	126	Duplex Inverter	F7 (1/2)
S13	123	Duplex Transport 1	G7 (1/2)
S14	118	Duplex Jogger HP	G7 (1/2)
S15	115	Duplex Transport 2	G7 (1/2)
S16	117	Duplex Transport 3	G7 (1/2)
S17	71	Toner Collection Coil	G7 (1/2)
S18	66	Toner End	H7 (1/2)

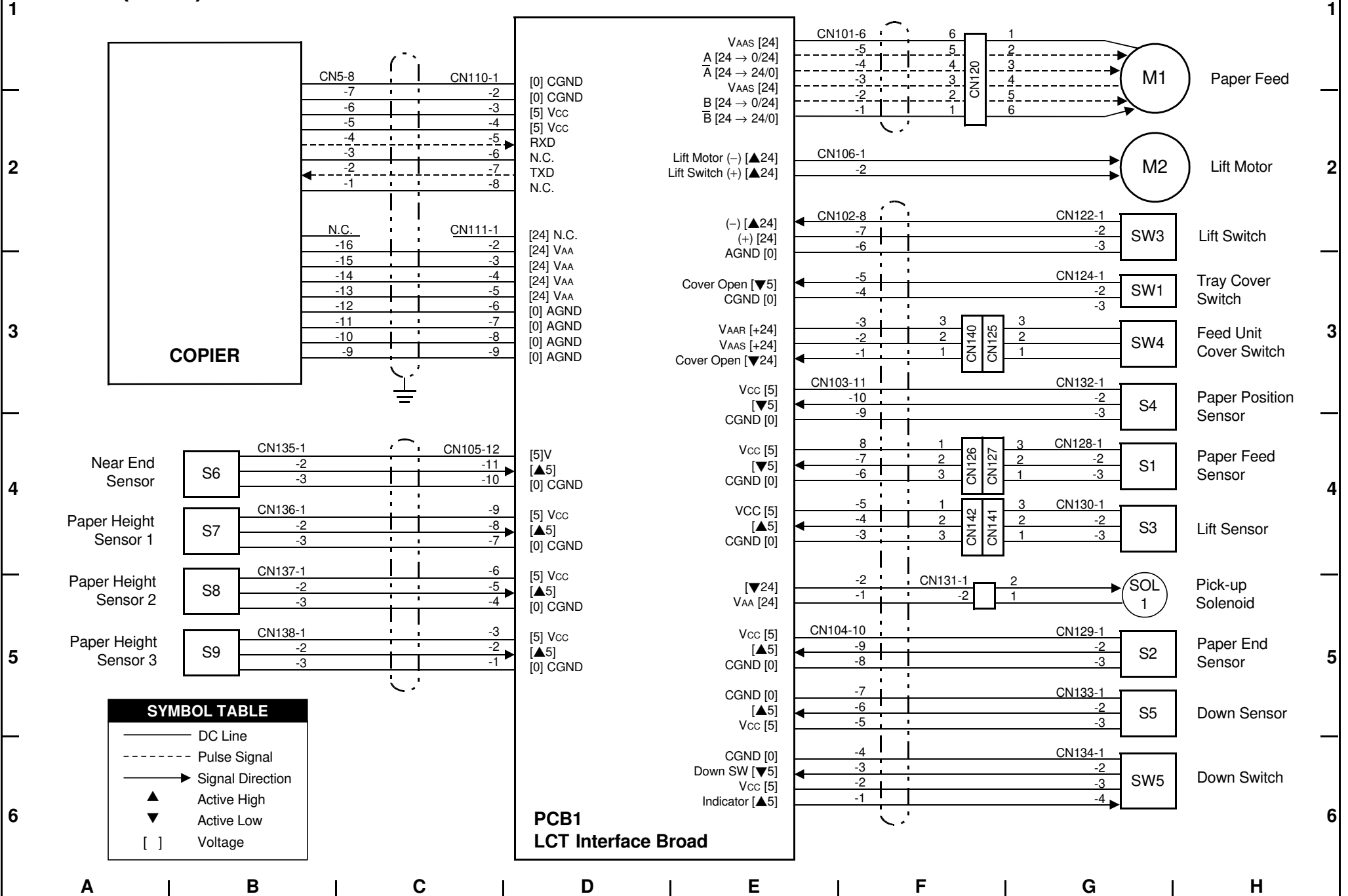
Symbol	Index No.	Description	P to P
S19	65	Toner Density (TD)	I7 (1/2)
S20	1	Registration	I7 (1/2)
S21	7	By-pass Paper End	I7 (1/2)
S22	8	Relay	I7 (1/2)
S23	6	By-pass Paper Size	J7 (1/2)
S24	2	Guide Plate Position	J7 (1/2)
S25	26	1st Paper Feed	A2 (2/2)
S26	27	1st Vertical Transport	A2 (2/2)
S27	28	1st Paper End	A2 (2/2)
S28	29	1st Tray Lift	A2 (2/2)
S29	43	2nd Paper Feed	C2 (2/2)
S30	44	2nd Vertical Transport	C2 (2/2)
S31	45	2nd Paper End	C2 (2/2)
S32	46	2nd Tray Lift	C2 (2/2)
S33	40	3rd Paper Feed	C2 (2/2)
S34	39	3rd Vertical Transport	C2 (2/2)
S35	38	3rd Paper End	C3 (2/2)
S36	37	3rd Tray Lift	C3 (2/2)
S37	137	Front Side Fence Open	F5 (2/2)
S38	140	Front Side Fence Close	F5 (2/2)
S39	127	Rear Side Fence Open	F5 (2/2)
S40	144	Rear Side Fence Close	F5 (2/2)
S41	134	Right Tray Down	F5 (2/2)
S42	132	Near End	F5 (2/2)
S43	141	Paper Height 1	F5 (2/2)
S44	133	Paper Height 2	F5 (2/2)
S45	135	Paper Height 3	F6 (2/2)
S46	131	Right Tray Paper	F6 (2/2)
S47	142	Rear Fence HP	F6 (2/2)
S48	143	Rear Fence Return	F7 (2/2)
S49	139	Left Tray Paper	F7 (2/2)
S50	111	Fusing Exit	J2 (2/2)
Switches			
SW1	80	Front Door Safety 1	I5 (1/2)
SW2	82	Front Door Safety 2	I5 (1/2)
SW3	81	Front Door Safety 3	A5 (1/2)
SW4	77	2nd Paper Size	C6 (2/2)
SW5	78	3rd Paper Size	C6 (2/2)
SW6	75	Toner Collection Bottle Set	C7 (2/2)
SW7	74	Toner Overflow	C7 (2/2)
SW8	79	Lower Front Door Safety	E3 (2/2)
SW9	83	Main	G1 (2/2)
Solenoids			
SOL1	109	Exit Junction Gate	E7 (1/2)
SOL2	117	Reverse Trigger Roller	F7 (1/2)
SOL3	125	Duplex Junction Gate	F7 (1/2)
SOL4	105	Transfer Belt Lift	H7 (1/2)
SOL5	3	By-pass Pick-up	I7 (1/2)
SOL6	4	Guide Plate	J7 (1/2)
SOL7	30	1st Pick-up	A2 (2/2)
SOL8	31	1st Separation Roller	A2 (2/2)
SOL9	32	2nd Pick-up	C2 (2/2)
SOL10	34	2nd Separation Roller	C2 (2/2)
SOL11	35	3rd Pick-up	C3 (2/2)
SOL12	36	3rd Separation Roller	C3 (2/2)
SOL13	136	Front Side Fence	F6 (2/2)
SOL14	128	Rear Side Fence	F6 (2/2)

Symbol	Index No.	Description	P to P
SOL15	130	Right Tray Lock	F7 (2/2)
SOL16	129	Left Tray Lock	F7 (2/2)
Magnetic Clutches			
MC1	122	Duplex Transport	F7 (1/2)
MC2	5	By-pass Feed	I7 (1/2)
MC3	91	Toner Supply	B2 (1/2)
PCBs			
PCB1	52	Mother	E2 (1/2)
PCB2	48	RSS	D1 (1/2)
PCB3	53	Controller	G2 (1/2)
PCB4	54	IPU (Image Processing Control Unit)	H3 (1/2)
PCB5	18	VIB (Video Interface Board)	G4 (1/2)
PCB6	16	SBU (Sensor Board Unit)	F5 (1/2)
PCB7	25	Operation Panel	G5 (1/2)
PCB8	23	LDB (Laser Drive Board)	I4 (1/2)
PCB9	49	CNB (Connection Board)	D4 (1/2)
PCB10	56	DRB (Drive Board)	A5 (1/2)
PCB11	50	BCU (Base Engine Control Unit)	H6 (1/2)
PCB12	13	SDRB (Scanner Drive Board)	E5 (1/2)
PCB13	12	Lamp Regulator	J7 (1/2)
PCB14	58	PFC (Paper Feed Control)	D2 (2/2)
PCB15	57	PSU	H2 (2/2)
Lamps			
L1	68	Quenching Lamp	F7 (1/2)
L2	10	Exposure Lamp	J7 (1/2)
L3	110	Fusing Lamp 1	J2 (2/2)
L4	106	Fusing Lamp 2	J2 (2/2)
Power Packs			
PP1	51	Charge	D6 (1/2)
PP2	55	Development	H6 (1/2)
PP3	104	Transfer	H7 (1/2)
Others			
CO1	—	Key Counter (Option)	E5 (1/2)
CO2	76	Mechanical Counter	H7 (1/2)
H1	63	Drum	H1 (2/2)
H2	9	Scanner (Option)	H1 (2/2)
H3	61	Lower Tray	H1 (2/2)
H4	62	Upper Tray	H1 (2/2)
LSD1	21	Laser Synchronization Detector	J2 (1/2)
TH1	101	Thermistor 1	J3 (2/2)
TH2	114	Thermistor 2	J3 (2/2)
TS1	102	Thermostat 1	J2 (2/2)
TS2	103	Thermostat 2	J2 (2/2)

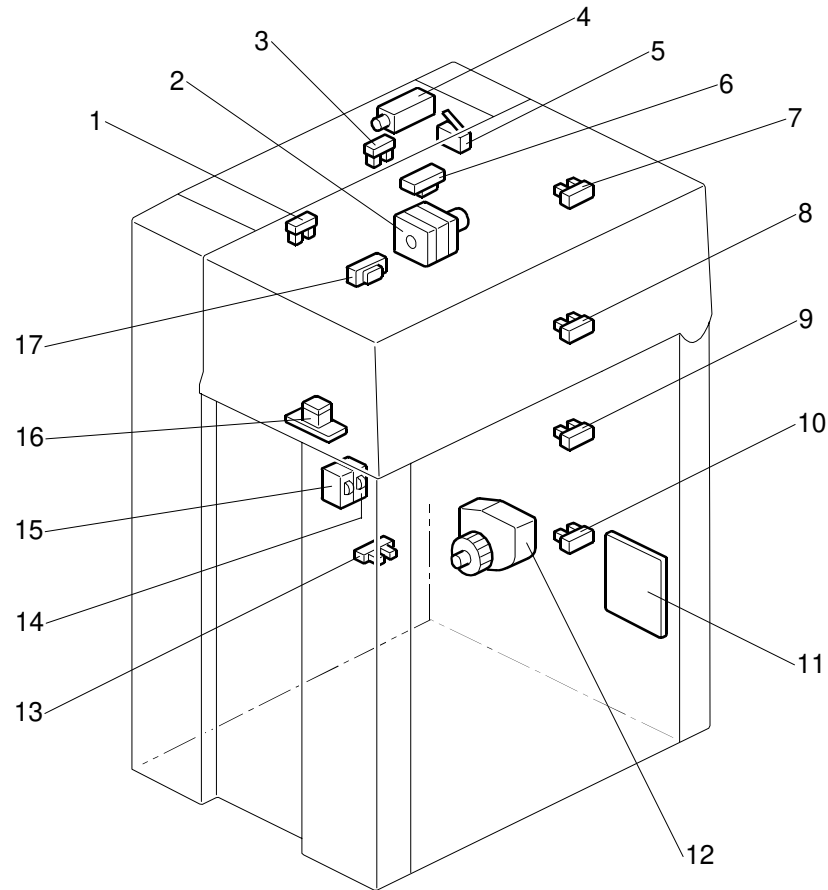
ADF

Symbol	Index No.	Description	P to P
Motors			
M1	4	Feed	J3
M2	13	Transport	J4
M3	12	Exit	J4
M4	27	Pick-up	J5
M5	5	Bottom Plate	J5
Sensors			
S1	14	Original Set	A1
S2	15	Bottom Plate HP	A1
S3	3	Bottom Plate Position	A2
S4	2	Feed Cover	A2
S5	24	Original Width 1	A2
S6	23	Original Width 2	A3
S7	22	Original Width 3	A3
S8	21	Original Width 4	A3
S9	1	Pick-up Roller HP	A4
S10	8	Original Length 3	A4
S11	7	Original Length 2	A5
S12	6	Original Length 1	A5
S13	9	DF Position	A5
S14	10	APS Start	A6
S15	26	Interval	A6
S16	16	Skew Correction	A6
S17	17	Exit	A7
S18	25	Registration	A7
PCBs			
PCB1	11	DF Main	E4
PCB2	20	CIS	G7
PCB3	19	CIS Power Supply	H7
Lamps			
L1	18	CIS	I7

LCT (B473) POINT TO POINT DIAGRAM



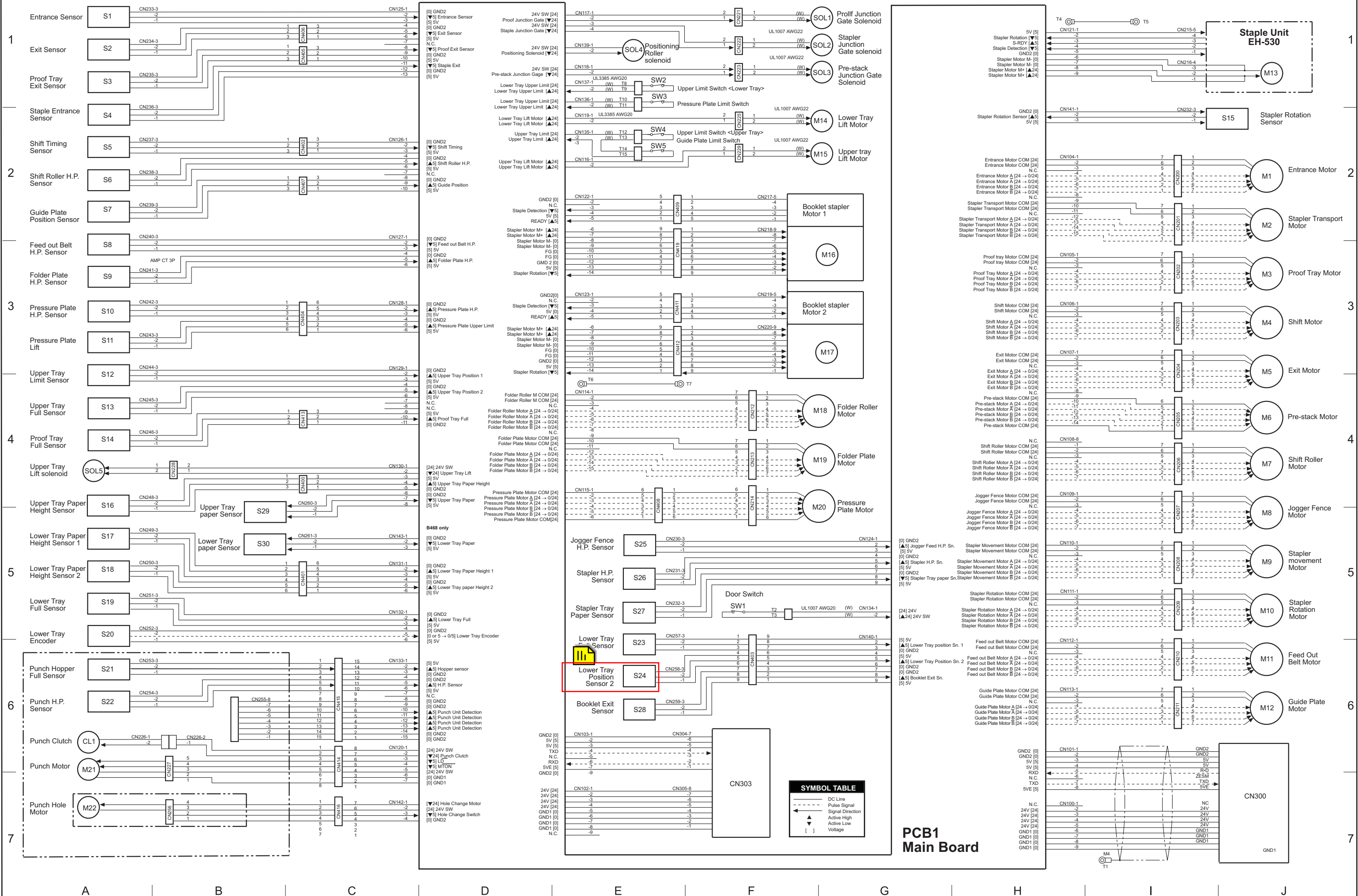
LCT (B473) ELECTRICAL COMPONENT LAYOUT



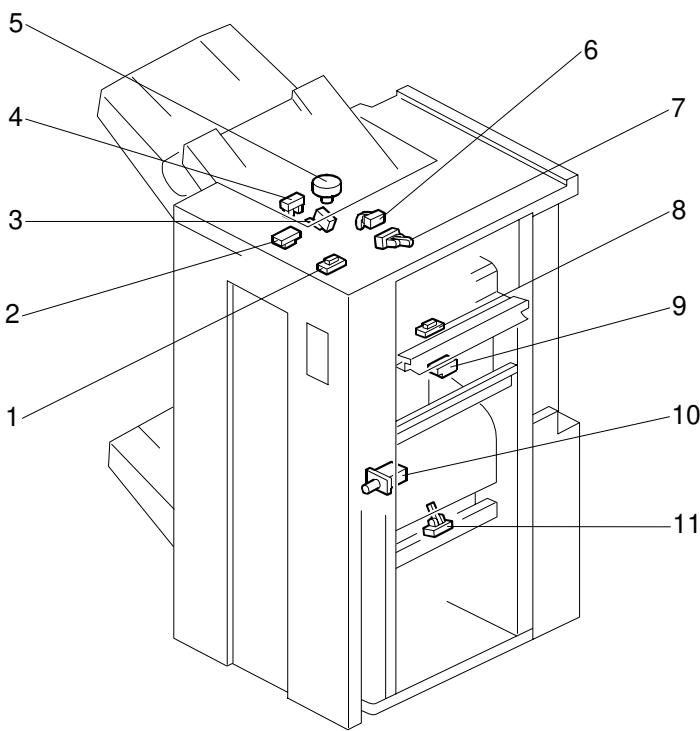
B473V002.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	2	Paper Feed	G1
M2	12	Lift	G2
Sensors			
S1	1	Paper Feed	G4
S2	6	Paper End	G5
S3	3	Lift	G4
S4	17	Paper Position	G3-G4
S5	13	Down	G5
S6	7	Near End	B4
S7	8	Paper Height1	B4
S8	9	Paper Height2	B5
S9	10	Paper Height3	B5
Switches			
SW1	15	Tray Cover	G3
SW3	14	Lift	G2
SW4	5	Feed Unit Cover	G3
SW5	16	Down	G6
Solenoids			
SOL1	4	Pick-up	G5
PCBs			
PCB1	11	LCT Interface	D1-D6

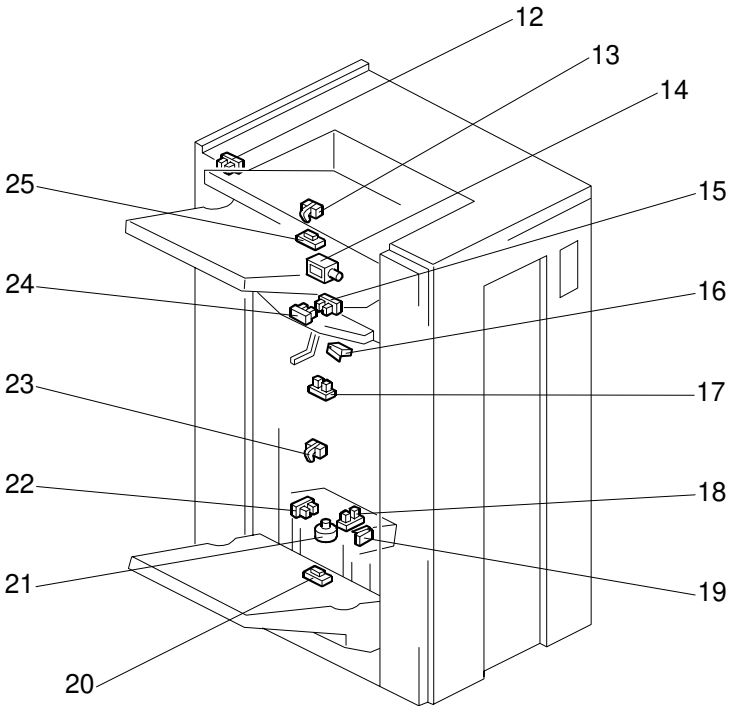
3000-SHEET FINISHER (B468) POINT TO POINT DIAGRAM



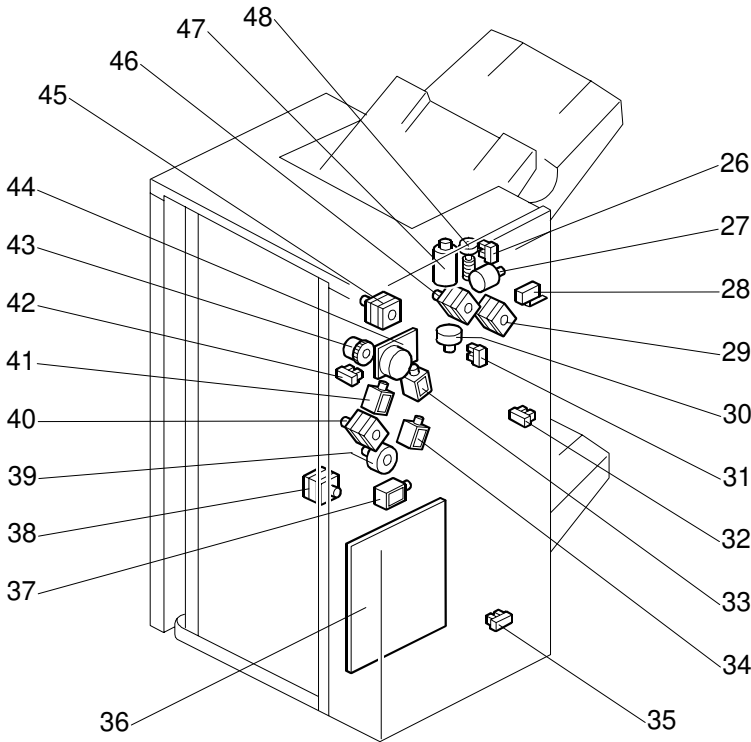
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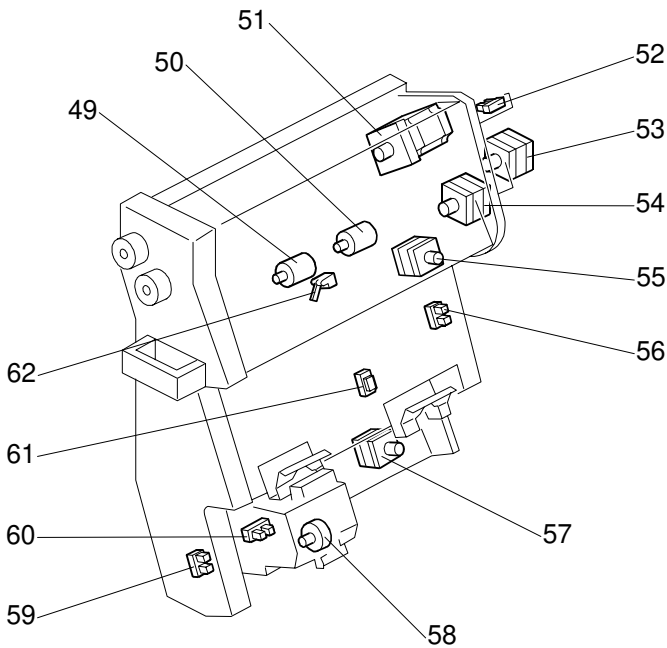
B468V002.WMF



B468V003.WMF



B468V006.WMF



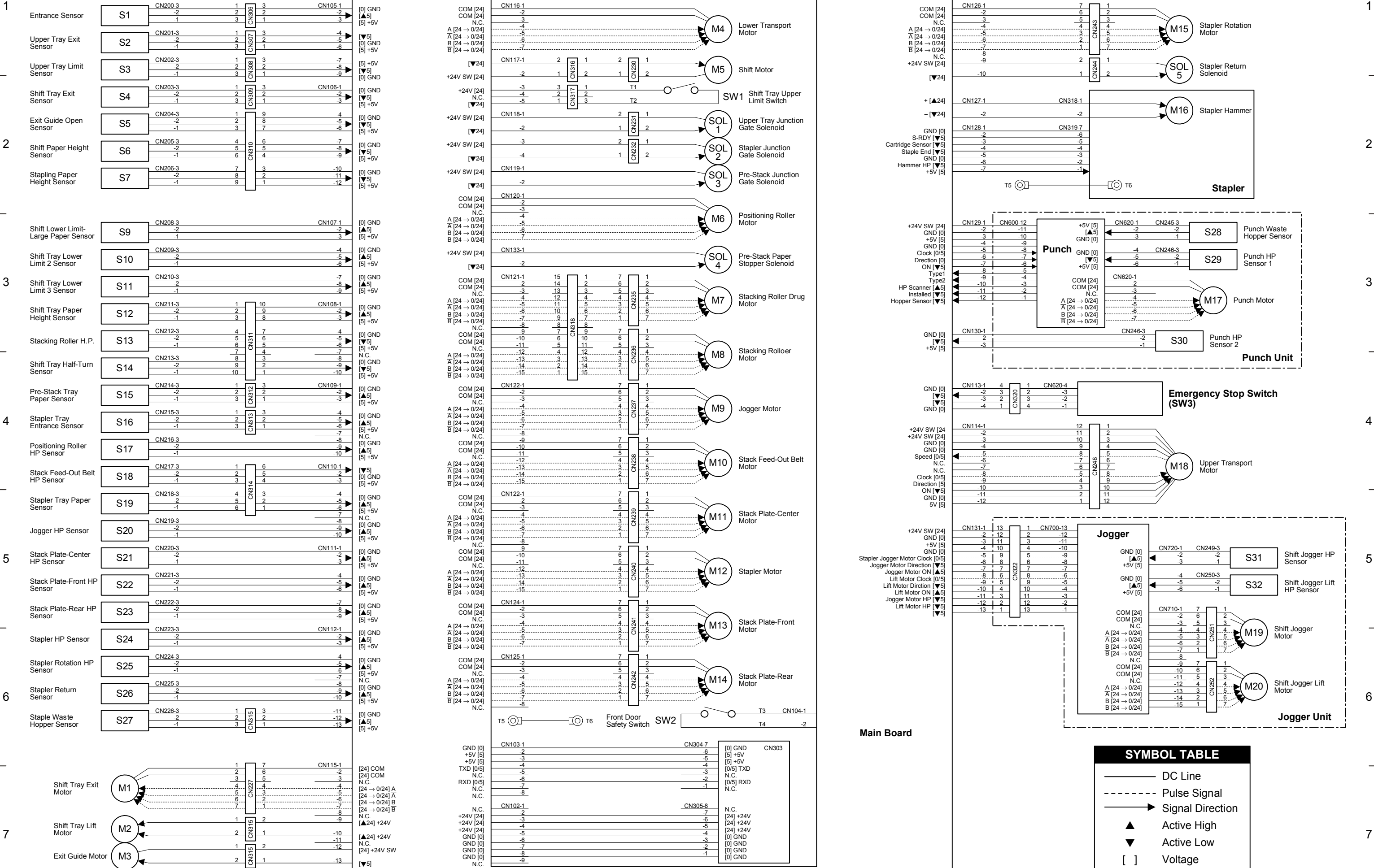
B468V007.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	40	Entrance Motor	J2
M2	38	Stapler Transport Motor	J2
M3	45	Proof Tray Motor	J3
M4	46	Shift Drive Motor	J3
M5	29	Exit Motor	J3
M6	39	Pre-Stack Motor	J4
M7	30	Shift Roller Motor	J4
M8	55	Jogger Motor	J5
M9	57	Stapler Movement Motor	J5
M10	58	Stapler Rotation Motor	J5
M11	54	Feed Out Belt Motor	J6
M12	5	Guide Plate Motor	J6
M14	47	Lower Tray Lift Motor	G2
M15	27	Upper Tray Lift Motor	G2
M16	48	Booklet Stapler Motor 1*	G3
M17	50	Booklet Stapler Motor 2*	G3
M18	51	Folder Roller Motor*	G4
M19	53	Folder Plate Motor*	G4
M20	21	Pressure Plate Motor*	G4
M21	44	Punch Motor	A7
Sensors			
S1	8	Finisher Entrance Sensor	A1
S2	2	Exit Sensor	A1
S3	7	Proof Tray Exit Sensor	A1
S4	11	Stapler Entrance Sensor	A2
S5	1	Shift Timing Sensor	A2
S6	31	Shift Roller HP Sensor	A2

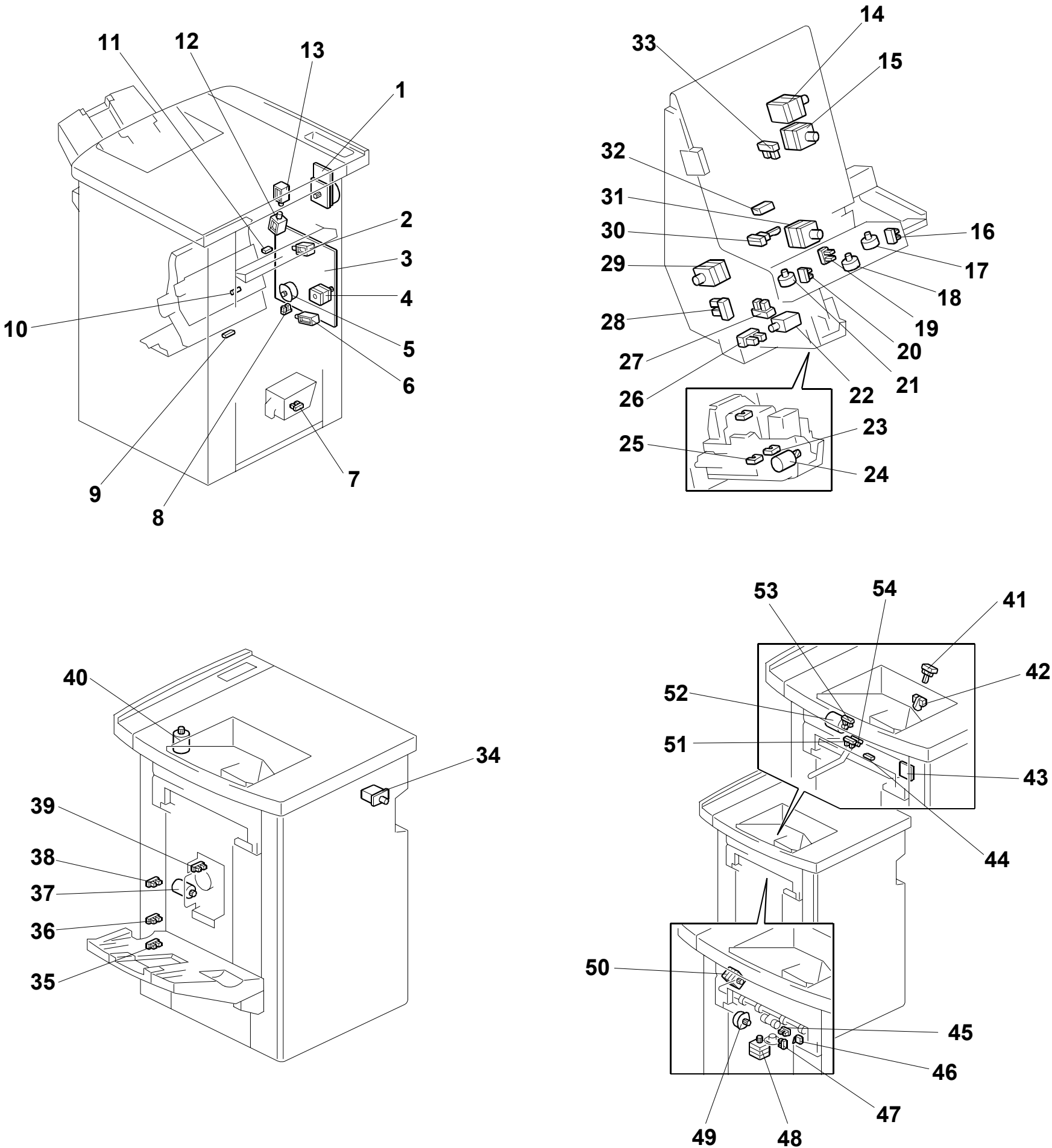
Symbol	Index No.	Description	P to P
S7	4	Guide Plate Position Sensor	A2
S8	62	Feed Out Belt HP Sensor	A3
S9	52	Folder Plate HP Sensor*	A3
S10	18	Pressure Plate HP Sensor	A3
S11	22	Pressure Plate Lift Sensor*	A3
S12	12	Upper Tray Limit Sensor	A4
S13	32	Upper Tray Full Sensor	A4
S14	6	Proof Tray Full Sensor	A4
S15	60	Stapler Rotation Sensor	J2
S16	13	Upper Tray Paper Height Sensor*	A5
S17	15	Paper Height Sensor 1* (Lower Tray)	A5
S18	24	Paper Height Sensor 2* (Lower Tray)	A5
S19	35	Lower Tray Full Sensor (Saddle Stitch Mode)	A5
S20	48	Lower Tray Encoder	A6
S21	9	Punch Hopper Full Sensor	A6
S22	42	Punch HP Sensor	A6
S23	23	Lower Tray Full Sensor (Sort/Shift mode)	E6
S24	26	Lower Tray Position Sensor	E6
S25	56	Jogger Fence HP Sensor	E5
S26	59	Stapler HP Sensor	E5
S27	61	Stapler Tray Paper Sensor	E5
S28	17	Booklet Exit Sensor	E6

Symbol	Index No.	Description	P to P
S29	25	Upper Tray Paper Sensor*	B5
S30	20	Lower Tray Paper Sensor*	B5
Switches			
SW1	10	Door Switch	F5
SW2	16	Upper Limit Switch (Lower Tray)	E1
SW3	19	Pressure Plate Limit Switch*	E1
SW4	28	Upper Limit Switch* (Upper Tray)	E2
SW5	3	Guide Plate Limit Switch	E2
Solenoids			
SOL1	41	Proof Junction Gate Solenoid	G1
SOL2	33	Stapler Junction Gate Solenoid	G1
SOL3	34	Pre-Stack Junction Gate Solenoid	G1
SOL4	37	Positioning Roller Solenoid	E1
SOL5	14	Upper Tray Lift Solenoid *	A4
Magnetic Clutches			
CL1	43	Punch Clutch	A6
PCBs			
PCB1	36	Main Board	D, H

3000-SHEET FINISHER (B478) POINT TO POINT DIAGRAM



3000-SHEET FINISHER (B478) ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Sensors			
S1	11	Entrance Sensor	A1
S2	41	Upper Tray Exit Sensor	A1
S3	42	Upper Tray Limit Sensor	A1
S4	44	Shift Tray Exit Sensor	A2
S5	53	Exit Guide Open Sensor	A2
S6	54	Shift Paper Height Sensor	A2
S7	51	Stapling Paper Height Sensor	A2
S9	38	Shift Lower Limit - Large Paper Sensor	A3
S10	36	Shift Lower Limit 2 Sensor	A3
S11	35	Shift Lower Limit 3 Sensor	A3
S12	45	Shift Tray Paper Height Sensor	A3
S13	47	Stacking Roller HP	A3
S14	39	Shift Tray Half-Turn Sensor	A4
S15	10	Pre-Stack Tray Paper Sensor	A4
S16	9	Stapler Tray Entrance Sensor	A4
S17	8	Positioning Roller HP Sensor	A4
S18	30	Stack Feed-Out Belt HP Sensor	A4
S19	32	Stapler Tray Paper Sensor	A5
S20	33	Jogger HP Sensor	A5
S21	19	Stack Plate-Center HP Sensor	A5
S22	20	Stack Plate-Front HP Sensor	A5
S23	16	Stack Plate-Rear HP Sensor	A5
S24	28	Stapler HP Sensor	A6
S25	26	Stapler Rotation HP Sensor	A6
S26	27	Stapler Return Sensor	A6
S27	7	Staple Waste Hopper Sensor	A6
S28	-	Punch Waste Hopper Sensor	I3
S29	-	Punch HP Sensor 1	I3
S30	-	Punch HP Sensor 2	I3
S31	-	Shift Jogger HP Sensor	J5
S32	-	Shift Jogger Lift HP Sensor	J5
Motors			
M1	50	Shift Tray Exit Motor	A7
M2	40	Shift Tray Lift Motor	A7
M3	52	Exit Guide Motor	A7
M4	4	Lower Transport Motor	F1
M5	37	Shift Motor	F1
M6	5	Positioning Roller Motor	F3
M7	48	Stacking Roller Drug Motor	F3
M8	49	Stacking Roller Motor	F3
M9	15	Jogger Motor	F4
M10	14	Stack Feed-Out Belt Motor	F4
M11	18	Stack Plate-Center Motor	F5
M12	31	Stapler Motor	F5
M13	21	Stack Plate-Front Motor	F5
M14	17	Stack Plate-Rear Motor	F6
M15	29	Stapler Rotation Motor	I1
M16	24	Stapler Hammer Motor	I2
M17	-	Punch Motor	I3
M18	1	Upper Transport Motor	I4
M19	-	Shift Jogger Motor	J6
M20	-	Shift Jogger Lift Motor	J6
Solenoids			
SOL1	13	Upper Tray Junction Gate Solenoid	F2
SOL2	12	Stapler Junction Gate Solenoid	F2
SOL3	2	Pre-Stack Junction Gate Solenoid	F2
SOL4	6	Pre-Stack Paper Stopper Solenoid	F3
SOL5	22	Stapler Return Solenoid	I2
Switches			
SW1	46	Shift Tray Upper Limit Switch	F2
SW2	34	Front Door Safety Switch	E6
SW3	43	Emergency Stop Switch	I4
PCBs			
PCB	3	Main Board	-

COVER INTERPOSER TRAY (B470) POINT TO POINT DIAGRAM

SYMBOL TABLE

- DC Line
- - - Pulse Signal
- Signal Direction
- ▲ Active High
- ▼ Active Low
- [] Voltage

PCB1 Main Board

CN300

CN200-7

CN100-1

CN201-8

CN101-1

CN205-3

CN105-1

CN206-3

CN207-3

CN208-3

CN209-3

CN210-3

CN211-3

CN212-3

CN106-1

CN306

CN301

CN302

CN303

CN107-1

CN213-3

CN214-3

CN215-3

CN216-3

CN108-1

CN217-4

CN218-4

CN219-4

M1

M2

M3

M4

S9

S10

S11

S12

S13

S14

S15

Feed Motor

Transport Motor

Bottom Plate Motor

Relay Motor

Paper Set Sensor

Paper Width Sensor 1

Paper Width Sensor 2

Paper Width Sensor 3

Paper Length Sensor 1

Paper Length Sensor 2

Paper Length Sensor 3

Cover Set Sensor

Bottom Plate Position Sensor

Near End Sensor

Feed Sensor

Bottom Plate H.P. Sensor

Pull-out Sensor

Guide Plate Set Sensor

Exit Sensor

1

2

3

4

5

6

7

A

B

C

D

E

F

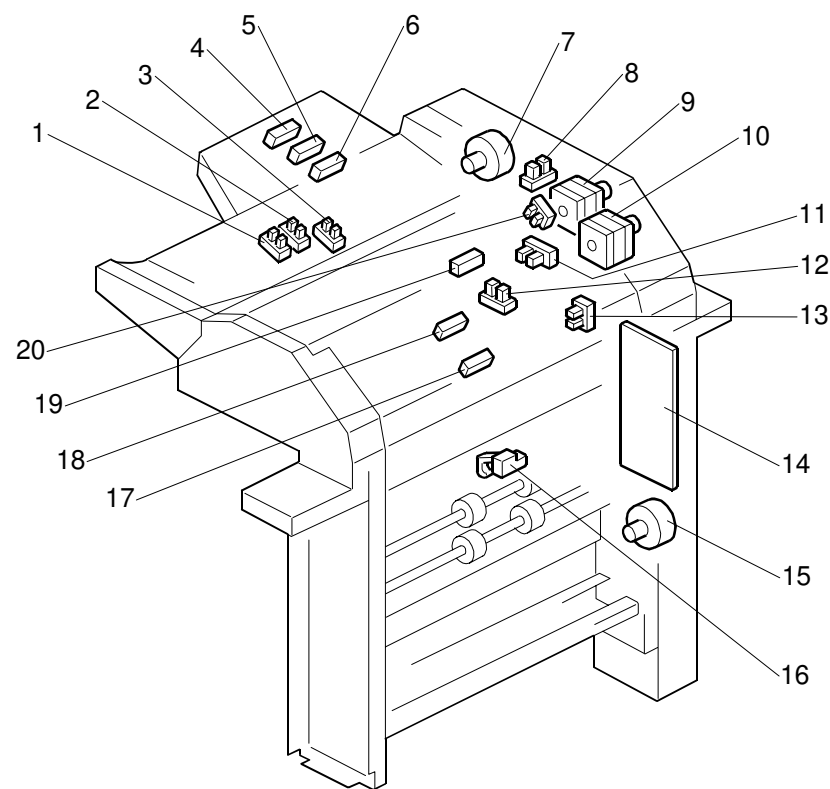
G

H

I

J

COVER INTERPOSER TRAY (B470) ELECTRICAL COMPONENT LAYOUT

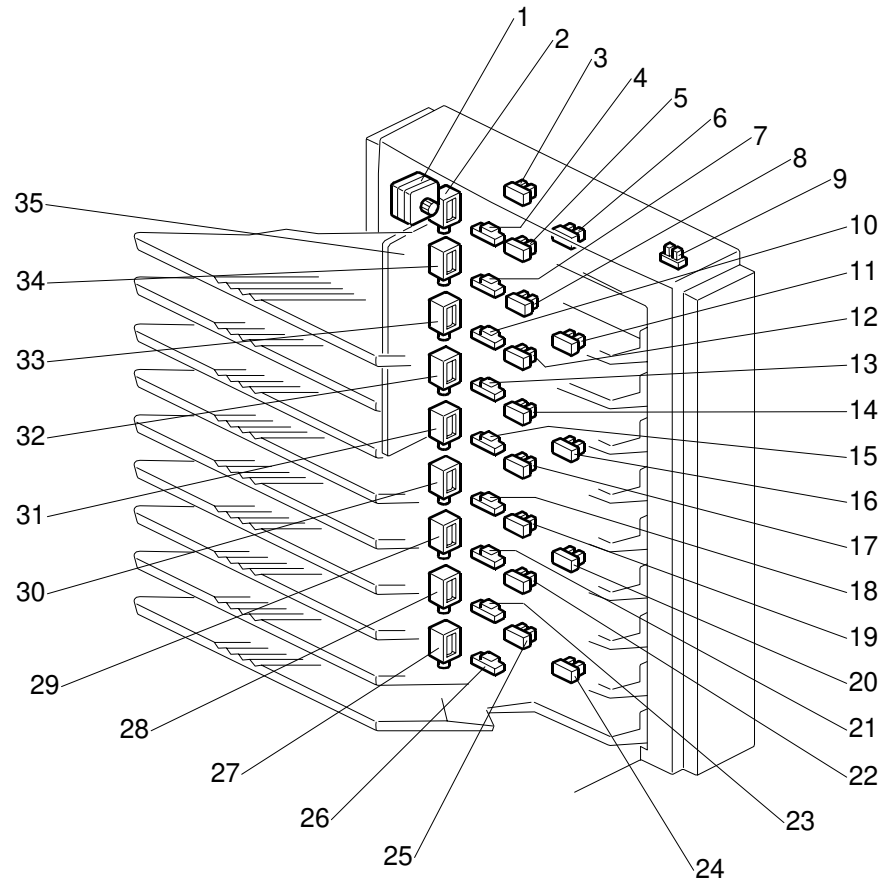


B470V002.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	9	Feed	I2
M2	10	Transport	I2-I3
M3	7	Bottom Plate	I3
M4	15	Relay	I4
Sensors			
S1	8	Cover Set	B5
S2	20	Bottom Plate Position	B5
S3	11	Near End	B5
S4	18	Feed	B6
S5	12	Bottom Plate HP	B6
S6	17	Pull-out	B6
S7	13	Guide Plate Set	B6-B7
S8	16	Exit	B7
S9	19	Paper Set	I5
S10	3	Paper Width 1	I5
S11	2	Paper Width 2	I5
S12	1	Paper Width 3	I6
S13	6	Paper Length 1	I6
S14	5	Paper Length 2	I6
S15	4	Paper Length 3	I7
PCBs			
PCB1	14	Main	E2-E7

[illegible]

9-BIN MAILBOX (B471) ELECTRICAL COMPONENT LAYOUT



B471V001.WMF

Symbol	Index No.	Description	P to P
Motors			
M1	1	Main	H1
Sensors			
S1	26	Paper Detect 1	I7
S2	24	Transport 1	I7
S3	25	Paper Overflow 1	I6
S4	23	Paper Detect 2	I6
S5	20	Transport 2	I6
S6	22	Paper Overflow 2	I5-I6
S7	21	Paper Detect 3	I5
S8	19	Paper Overflow 3	I5
S9	18	Paper Detect 4	I5
S10	16	Transport 3	B7
S11	17	Paper Overflow 4	B7
S12	15	Paper Detect 5	B6
S13	14	Paper Overflow 5	B6
S14	13	Paper Detect 6	B6
S15	11	Transport 4	B5-B6
S16	12	Paper Overflow 6	B5
S17	10	Paper Detect 7	B5
S18	8	Paper Overflow 7	B5
S19	7	Paper Detect 8	B4
S20	6	Transport 5	B4
S21	5	Overflow Sensor 8	B4
S22	4	Paper Detect 9	B3
S23	3	Paper Overflow 9	B3
S24	9	Door Safety	B3
Solenoids			
SOL1	28	Turn Gate 1	I4
SOL2	29	Turn Gate 2	I4
SOL3	30	Turn Gate 3	I3
SOL4	31	Turn Gate 4	I3
SOL5	32	Turn Gate 5	I3
SOL6	33	Turn Gate 6	I2
SOL7	34	Turn Gate 7	I2
SOL8	2	Turn Gate 8	I2
SOL9	27	Junction Gate	I4
PCBs			
PCB1	35	Main	E1-E7