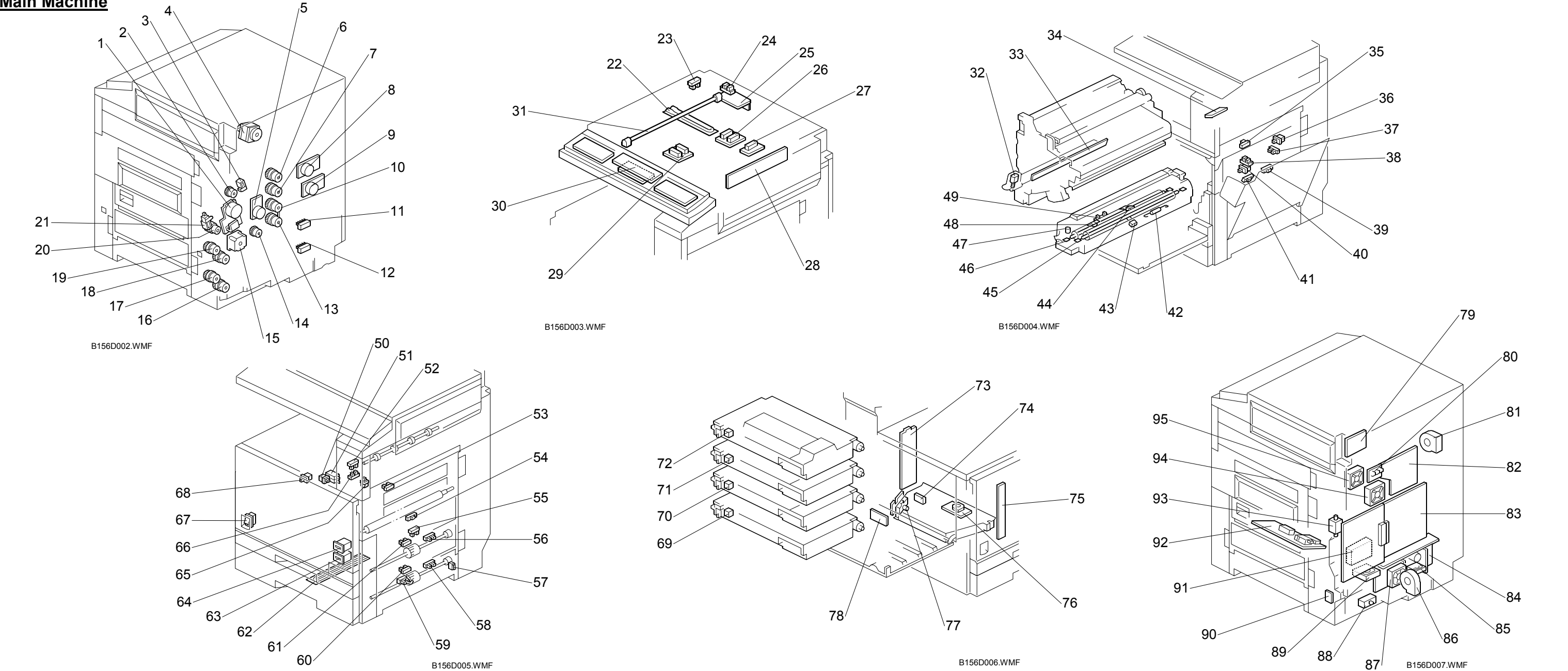


MODEL TH-C1 (B156/B220) ELECTRICAL COMPONENT LAYOUT (1/2)

Main Machine



Symbol	Name	Index No.	P to P
Motors			
M1	Fusing unit	1	F1
M2	Scanner	4	B2
M3	Main	5	G1
M4	Development - 1	9	C1
M5	Development - 2	8	C1
M6	Paper feed	15	K3
M7	Charge corona wire cleaner	32	J4
M8	Polygonal mirror	76	E5
Sensors			
S1	Scanner HP	23	B7
S2	Platen cover	24	B2
S3	Original length 1	26	A7
S4	Original length 2	27	A7
S5	Original width	29	A7
S6	ID	34	D5
S7	Belt mark	35	H1
S8	T/B waste toner	37	H1
S9	O/B waste toner	38	G1
S10	Oil overflow	47	C5
S11	Oil end	49	C5
S12	Paper overflow	52	D1
S13	Fusing exit	53	D1
S14	Paper feed	55	J4

Symbol	Name	Index No.	P to P
S15	Paper near-end 1	56	J4
S16	Paper near-end 2	58	K4
S17	Vertical transport	59	K4
S18	Paper end 2	60	K4
S19	Paper end 1	61	J4
S20	Paper exit	66	D1
S21	Temperature/Humidity	90	D5
S22	Registration	54	J4
S23	Transfer Belt	41	H1
S24	Fusing Entrance	39	H1
Solenoids			
SOL1	Image transfer belt cleaning contact	3	E1
SOL2	Paper transfer	21	F1
SOL3	Oil pump	93	C1
Switches			
SW1	Paper size 1	11	K4
SW2	Paper size 2	12	K4
SW3	T/B waste toner bottle	36	H1
SW4	O/B waste toner bottle	40	H1
SW5	Right cover	50	E1
SW6	Interlock	51	K3/E5
SW7	Right lower cover	57	B2
SW8	Exit cover	65	D1

Symbol	Name	Index No.	P to P
SW9	Main power	67	B2
SW10	Front cover	68	E1
Magnetic Clutches			
CL1	Image transfer belt cleaning	2	E1
CL2	Development - K	6	K3
CL3	Development - Y	10	K3
CL4	Development - C	7	K3
CL5	Development - M	13	K3
CL6	OPC belt cleaning	14	F1
CL7	Paper feed 2	16	K5
CL8	Vertical transport 2	17	K5
CL9	Paper feed 1	18	F1
CL10	Vertical transport 1	19	K5
CL11	Registration	20	F1
PCBs			
PCB1	SBU (sensor board unit)	28	A5
PCB2	Lamp stabilizer	25	B1
PCB3	Operation panel	30	B3
PCB4	Rear development	73	D1
PCB5	Laser synch. detection	74	F5
PCB6	Front development	75	D1
PCB7	LD unit	77	G5

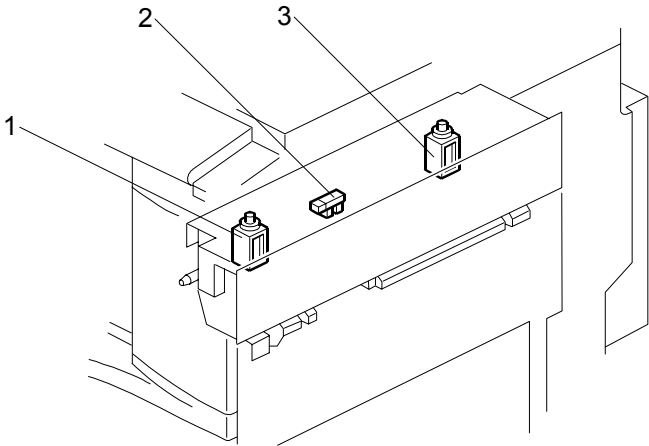
Symbol	Name	Index No.	P to P
PCB8	Memory chip I/F	78	B6
PCB9	Scanner I/O	79	A3
PCB10	I/O	82	F2
PCB11	BICU	83	F6
PCB12	Power supply unit	84	C3
PCB13	Controller	91	H7
PCB14	High voltage supply	92	I4
PCB15	CSS	80	E5
Lamps			
L1	Exposure	31	B1
L2	Quenching	33	J4
L3	Pressure roller fusing	45	C5
L4	Heating roller fusing	46	C5
Fans			
FAN1	Development	81	E1
FAN2	Controller	89	E1
FAN3	Ozone	86	
FAN4	PSU - 1	87	B3
FAN5	PSU - 2	85	B3
FAN6	Fusing unit	94	C1
FAN7	Paper exit	95	B1

Symbol	Name	Index No.	P to P
Heaters			
H1	Anti-condensation	22	C2
H2	Tray (optional)	62	B3
Thermofuses			
TF1	Pressure roller	42	C4
Thermostat			
TS1	Heating roller	48	C4
Thermistors			
TH1	Pressure roller	43	C5
TH2	Heating roller	44	C5
Others			
CHIP1	Memory chip M	69	A6
CHIP2	Memory chip C	71	A6
CHIP3	Memory chip Y	70	A6
CHIP4	Memory chip K	72	A6
CO1	Mechanical counter 2	63	J2
CO2	Mechanical counter 1	64	J2
BR1	Breaker	88	B2

MODEL TH-C1 (B156/B220) ELECTRICAL COMPONENT LAYOUT (2/2)

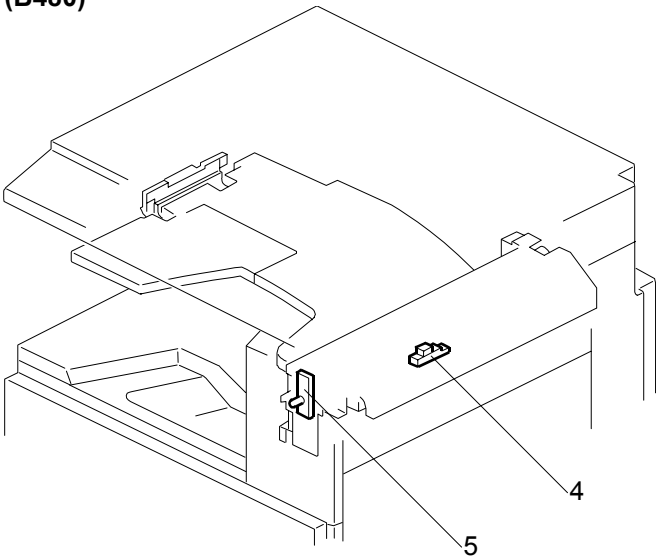
Peripherals

Interchange Unit (B418)



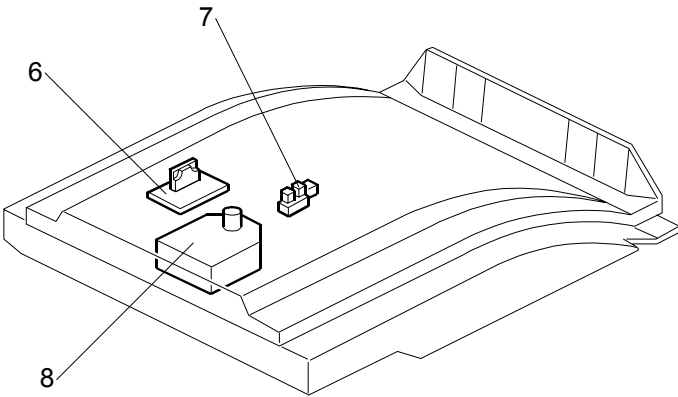
B481V503.WMF

1-Bin Tray Unit (B480)



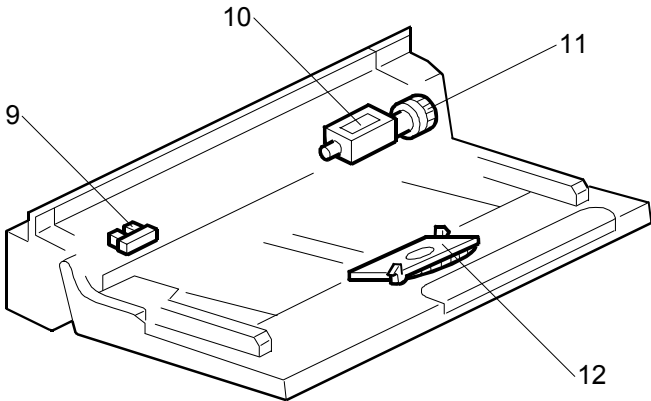
B480V004.WMF

Shift Tray Unit (B510)



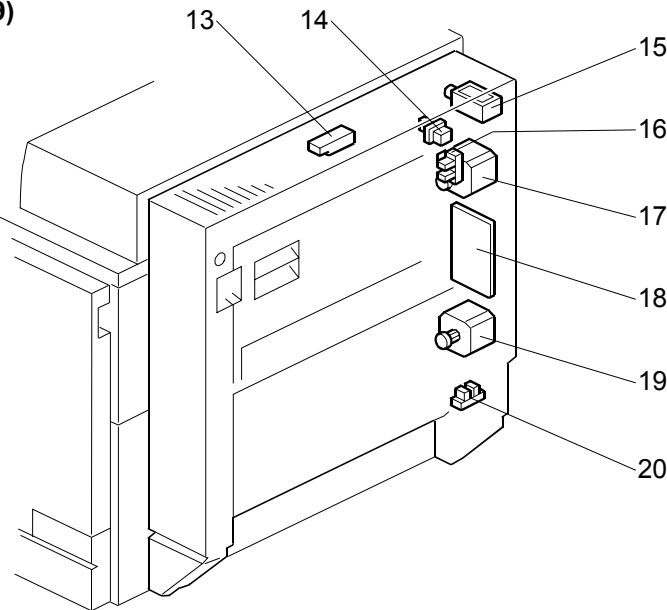
B510V102.WMF

By-pass Tray Unit (B490)



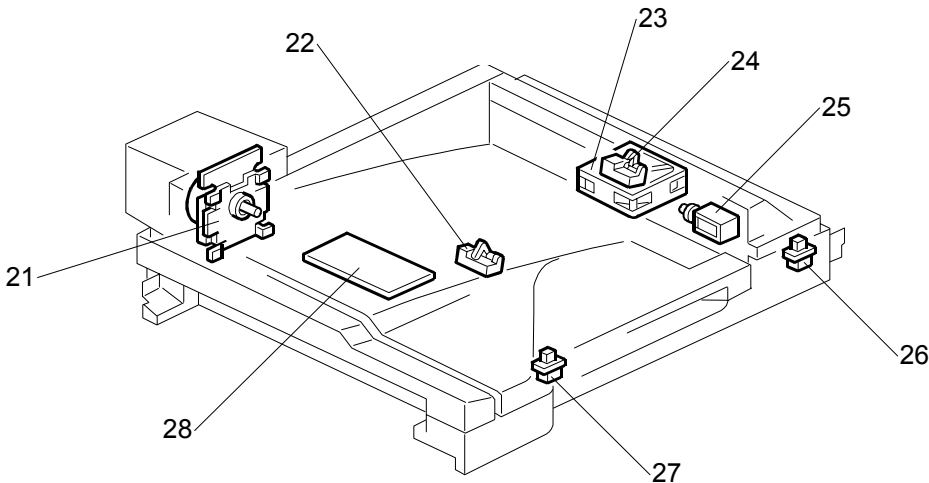
B490V102.WMF

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

1-Bin Tray Unit (B480)

Symbol	Name	Index No.	P to P
Sensors			
S1	Paper	4	I1
LEDs			
L1	1-Bin exit tray	5	I2

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

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	I2
Magnetic Clutches			
CL1	Paper feed	11	I2

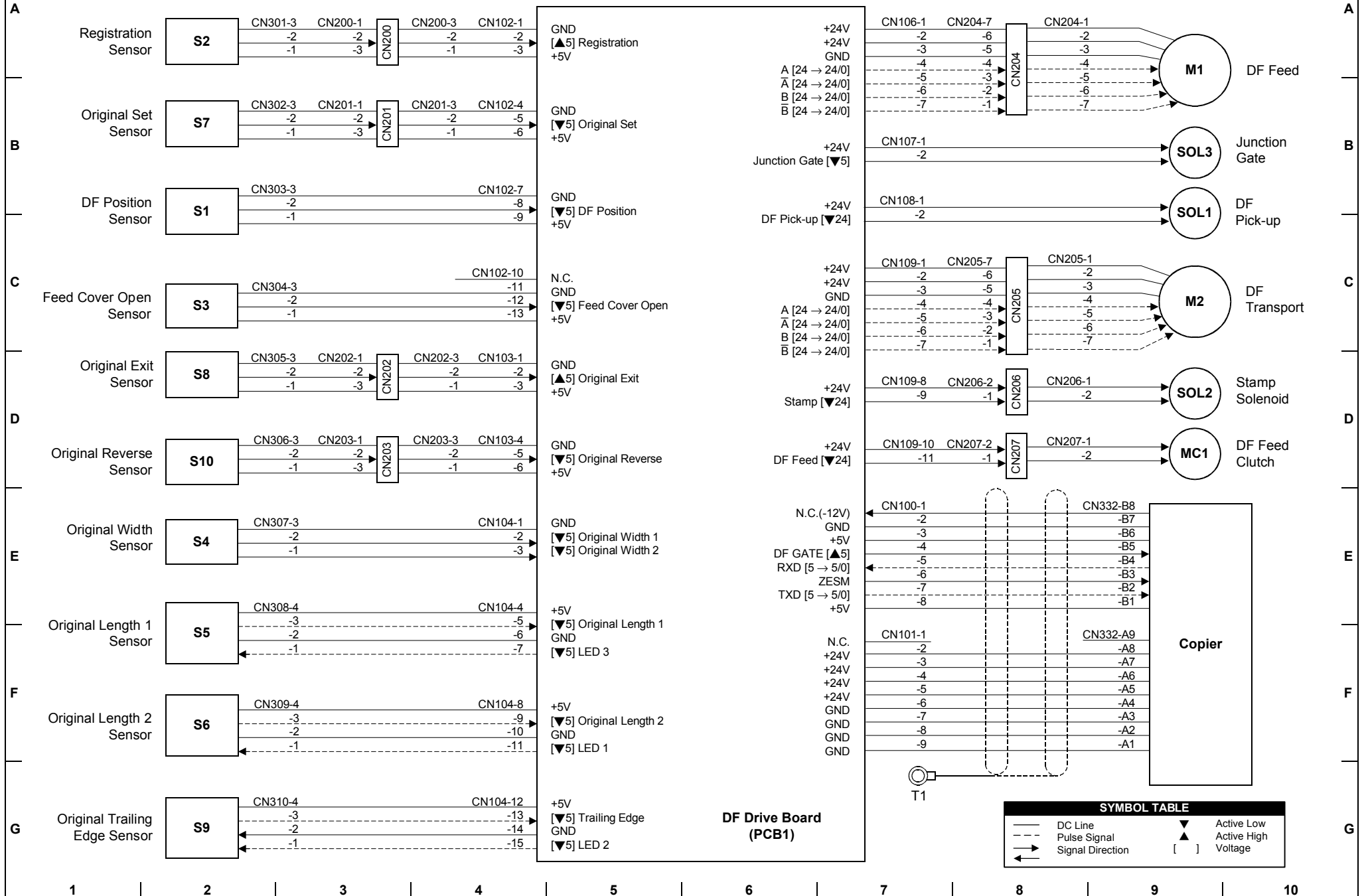
Duplex Unit (B509)

Symbol	Name	Index No.	P to P
Motors			
M1	Inverter	18	F4
M2	Transport	19	F4
Sensors			
S1	Entrance	13	H5
S2	Cover	16	H4
S3	Exit	20	H5
Solenoids			
SOL1	Inverter gate	15	F5
Switches			
SW1	Duplex unit open	14	H4
PCBs			
PCB1	Controller	18	G4

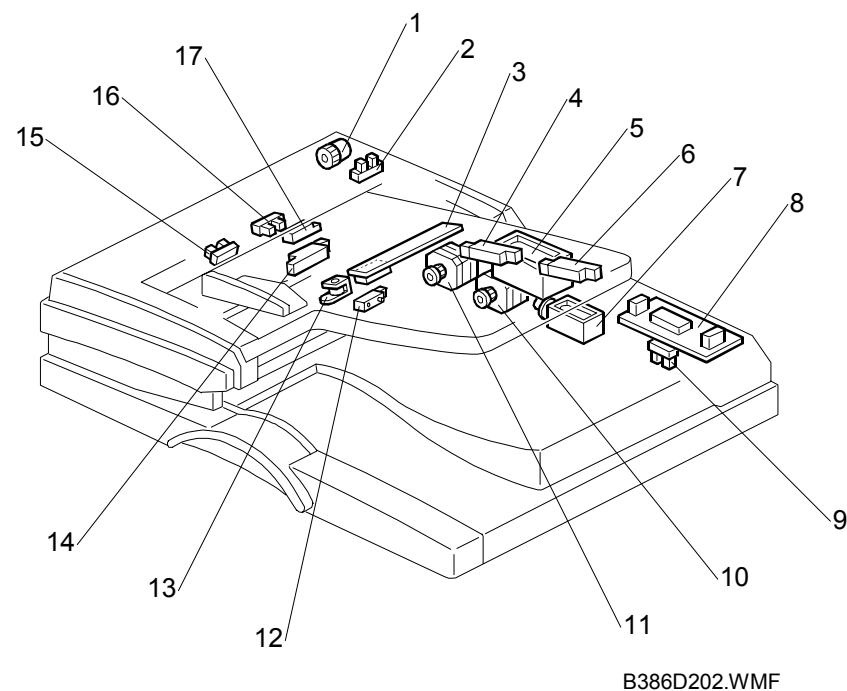
Bridge Unit (B482)

Symbol	Name	Index No.	P to P
Motors			
M1	Bridge unit drive	21	C4
M2	Cooling fan	23	E4
Sensors			
S1	Relay	22	E4
S2	Tray exit	24	E4
Solenoids			
SOL1	Junction gate	25	E4
Switches			
SW1	Right guide	26	E4
SW2	Left guide	27	E4
PCBs			
PCB1	Bridge unit control	28	D4

ARDF (B386/B810) POINT TO POINT DIAGRAM



ARDF (B386/B810) 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