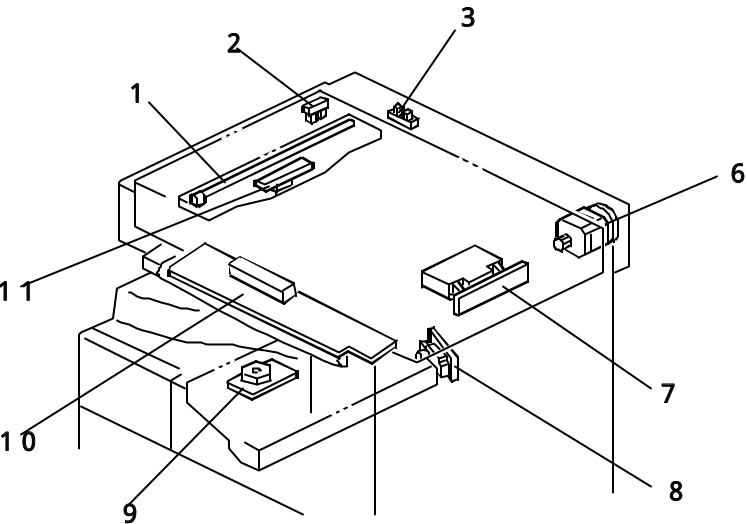


B 2 8 3 POINT TO POINT DIAGRAM

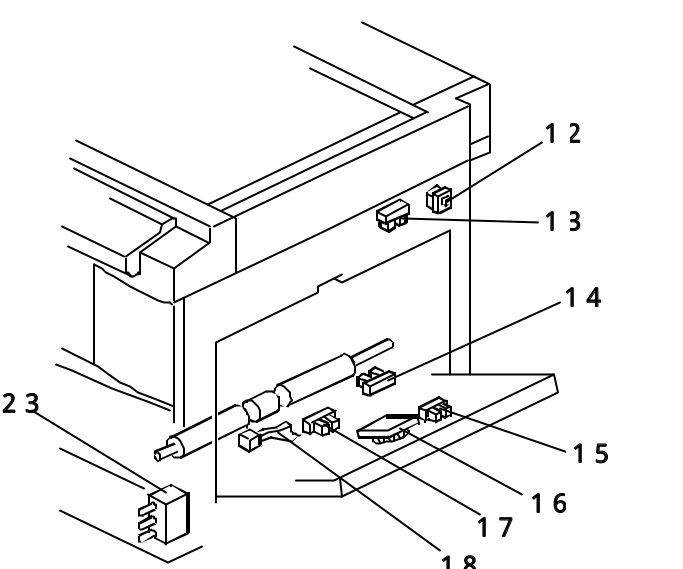
SYMBOLS

- ▲ Signal Direction
- ▲ Active High
- ▼ Active Low
- Voltage

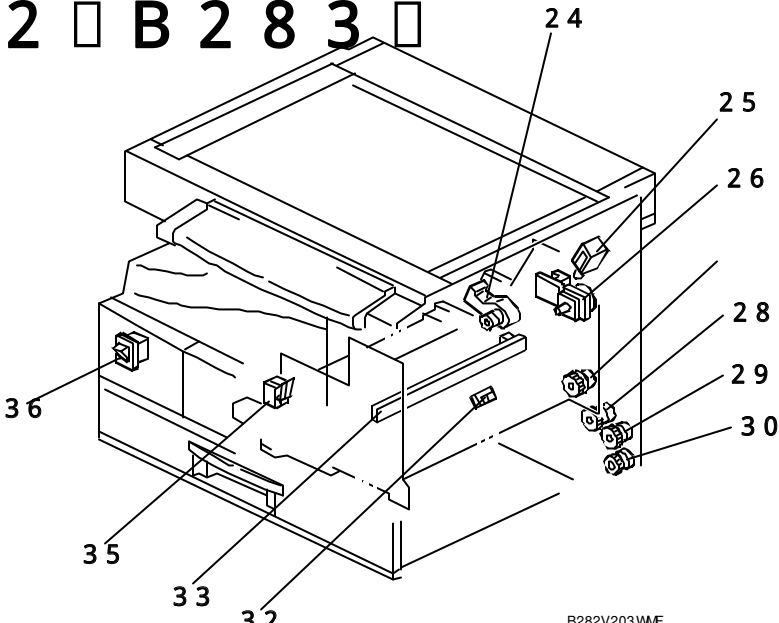
E LÆTRICAL COMPONENT LAYOUT □ B 2 8 2 □ B 2 8 3 □



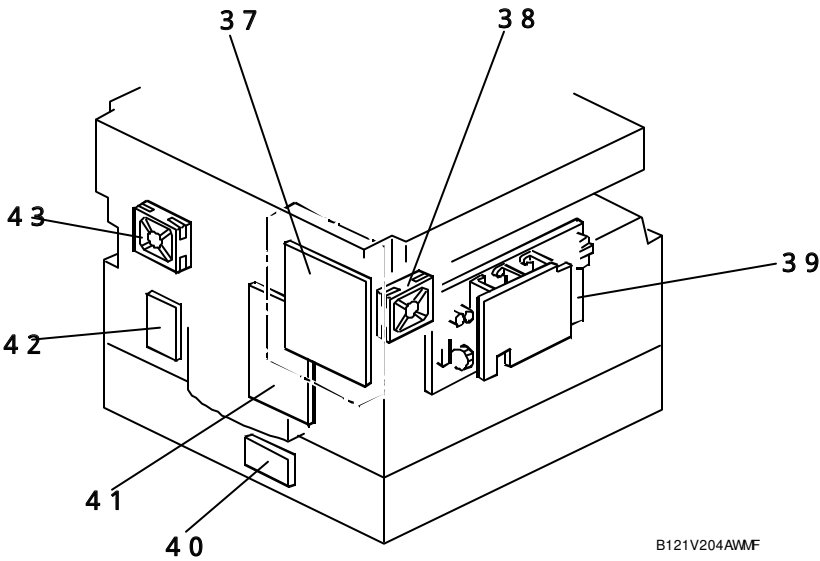
B282V201 WMF



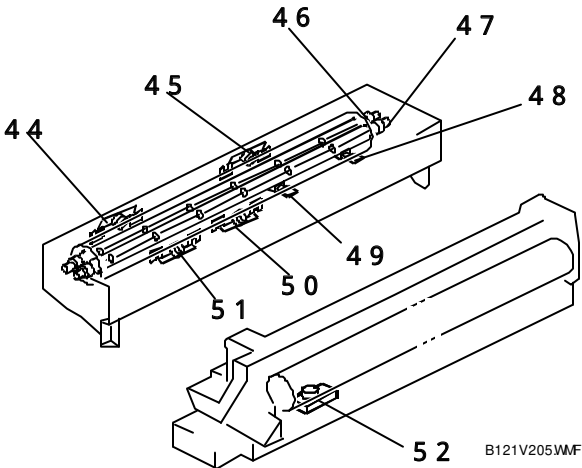
B282V202 WMF



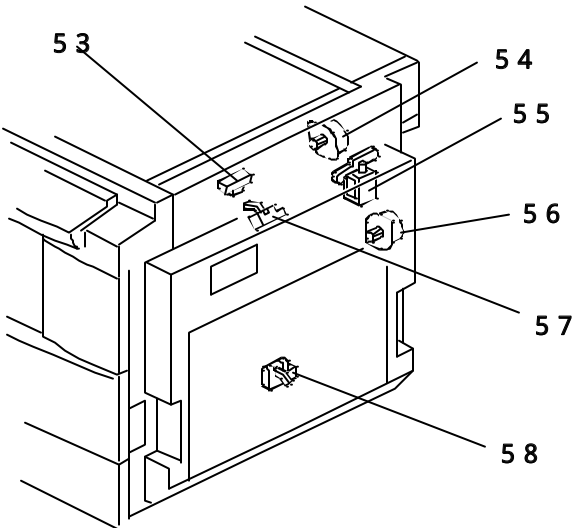
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B121V204A WMF



B121V205 WMF



B121V301 WMF

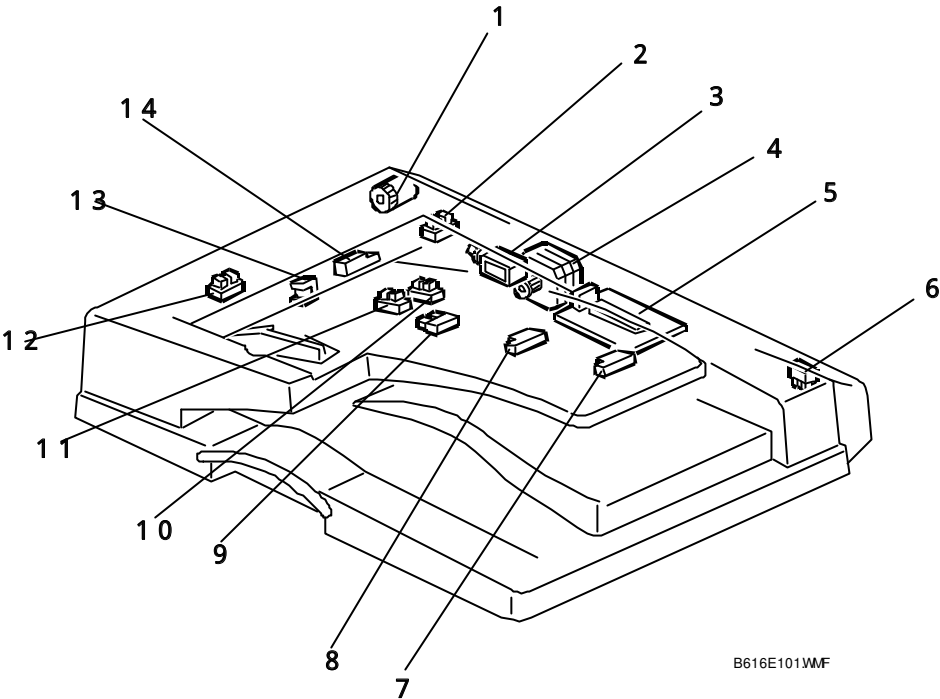
Symbol	Description	Index No.	P-to-P
Sensors			
S1	Registration	14	B3
S2	Relay	15	B3
S3	Upper Paper End	18	B4
S6	By-pass Paper End	17	B6
S7	Exit	13	B7
S8	Toner Density (TD)	52	B9
S9	Image Density (ID)	32	B9
S10	Scanner H.P.	2	B11
S11	Platen Cover	3	B11
S14	Duplex Inverter	53	E3
S15	Duplex Entrance	57	F2
S16	Duplex Exit	58	F2
Switches			
SW1	Upper Paper Size	23	B3

Symbol	Description	Index No.	P-to-P
SW4	By-pass Paper Size	16	B5
SW5	Right Door	12	B8
SW6	Front/Right Cover	35	B10
SW7	Main	36	I4
Magnetic Clutches			
MC2	Relay	30	B13
MC3	Upper Paper Feed	28	B13
MC4	By-pass Feed	29	B13
MC5	Registration	27	B13
Motors			
M1	Main	26	B6
M2	Rear Exhaust Fan	43	B7
M3	Left Exhaust Fan	38	B7
M4	Toner Supply	24	B8
M5	Polygonal Mirror	9	B10
M6	Scanner	6	B12

Symbol	Description	Index No.	P-to-P
M7	Duplex Inverter	54	E3
M8	Duplex Transport	56	G2
Lamps			
L1	Exposure	1	B10
L2	Fusing-1	46	H1
L3	Quenching (LED)	33	B8
L4	Fusing-2	47	H1
Counters			
CO2	Key (Option)	—	B15
Solenoids			
SOL1	Duplex Inverter Gate	55	E3
SOL2	Fusing	25	B14
Power Pack			
PP1	Power Pack-BCT/CL	42	B13
PCBs			
PCB1	BICU	41	C1-16
PCB2	GDI Controller	37	E8

Symbol	Description	Index No.	P-to-P
PCB4	SBU	7	E5
PCB6	Power Supply Unit (PSU)	39	H3
PCB7	Laser Diode Unit (LDU)	8	E6
PCB8	Lamp Stabilizer Board	11	B10
PCB9	Duplex Control Board (DCB)	40	F1-3
PCB10	Operation Panel Board (OPU) MFP	10	B23
Heaters			
H1	Anti-condensation – Optic (Option)	—	F2
H2	Upper Tray (Option)	—	F3
Others			
TH1	Fusing Thermistor	49	I2
TH2	Fusing Thermistor	48	I2
TS1	Fusing Thermostat	44	H1
TS2	Fusing Thermostat	45	H1
TS3	Fusing Thermostat	51	H1
TS4	Fusing Thermostat	50	H2

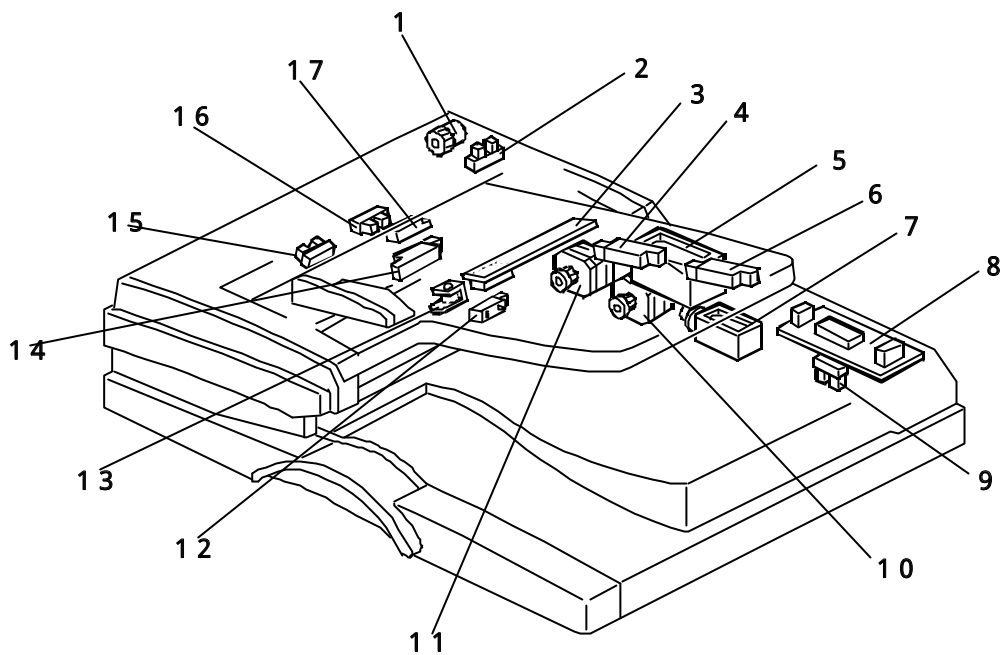
ELECTRICAL COMPONENT LAYOUT



B616E101WMF

Symbol	Name	Index No.	P-to-P
Motors			
M1	DF Transport	4	J9
Sensors			
S1	Registration	14	J10
S2	Original Set	12	J10
S3	DF Position	6	J10
S4	Feed Cover Open	2	J10
S5	Original Width 1	10	J10
S6	Original Width 2	11	J11
S7	Original Trailing Edge	9	J11
S8	Original Length 1	7	J11
S9	Original Length 2	8	J11
Solenoids			
SOL1	Stamp	13	J9
SOL2	DF Pick-up	3	J9
Magnetic Clutches			
MC1	DF Feed	1	J9
PCBs			
PCB1	DF Drive	5	I9-11

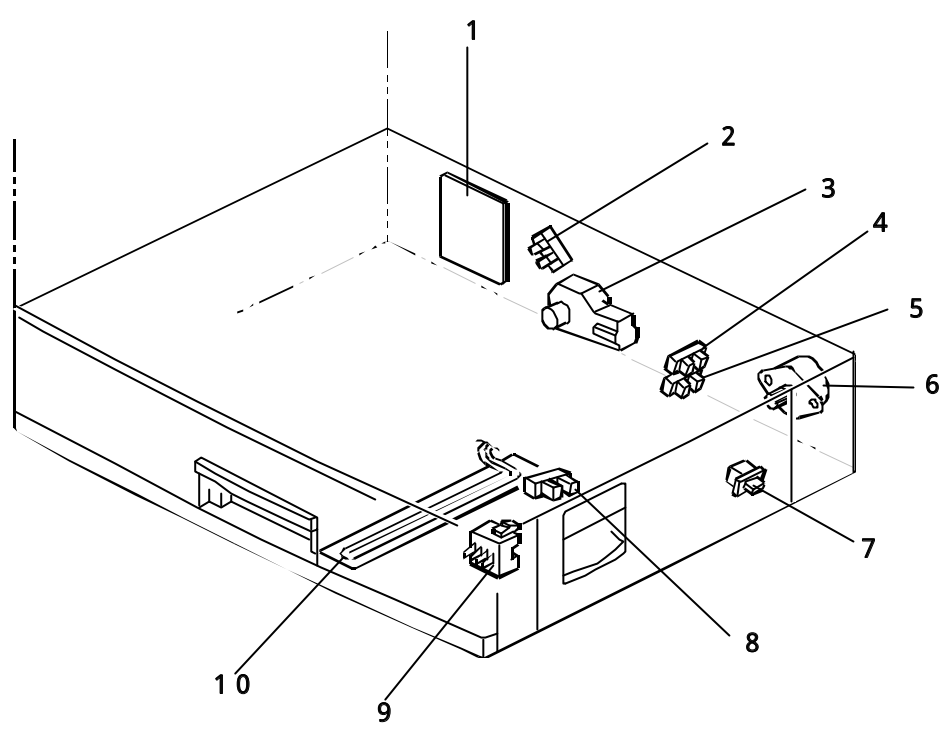
ELECTRICAL COMPONENT LAYOUT



B617E202WMF

Symbol	Name	Index No.	P-to-P
Motors			
M1	DF Feed	10	H11
M2	DF Transport	11	H12
Sensors			
S1	Original Exit	12	H13
S2	Original Reverse	16	H13
S3	Registration	17	H13
S4	Original Set	15	H13
S5	DF Position	9	H13
S6	Feed Cover Open	2	H14
S7	Original Length - 1	4	H14
S8	Original Length - 2	6	H14
S9	Original Trailing Edge	14	H15
Solenoids			
SOL1	Stamp	13	H12
SOL2	DF Pick-up	5	H12
SOL3	Junction Gate	7	H12
Magnetic Clutches			
MC1	DF Feed	1	H12
PCBs			
PCB1	DF Drive Board	8	G11-15
PCB2	Original Width Sensor Board	3	H14

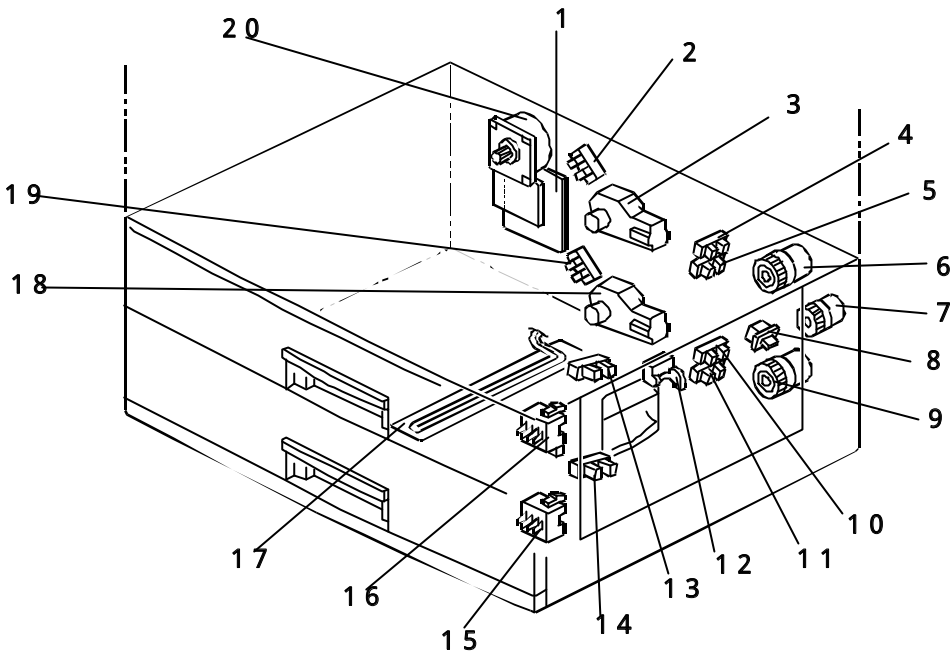
ELECTRICAL COMPONENTS LAYOUT



B385V102VMF

Symbol	Name	Index No.	P-to-P
Motors			
M1	Lift	3	H9
M2	Paper Feed	6	H10
Sensors			
S1	Lift	2	H9
S2	Paper Height 2	4	H9
S3	Paper Height 1	5	H9
S4	Paper End	8	H9
Switches			
SW1	Paper Size	9	H10
SW2	Tray Cover	7	H10
PCBs			
PCB1	Tray Main	1	G9-10
Others			
H1	Optional Tray Heater	10	H11

ELECTRICAL COMPONENT LAYOUT



B384V102WMF

Symbol	Name	Index No.	P-to-P
Motors			
M1	Paper Feed	20	E11
M2	Lower Lift	18	E12
M3	Upper Lift	3	E13
Sensors			
S1	Lower Paper Height 2	10	E8
S2	Lower Paper Height 1	11	E9
S3	Upper Paper Height 2	4	E9
S4	Upper Paper Height 1	5	E9
S5	Vertical Transport	12	E10
S6	Lower Paper End	14	E10
S7	Upper Paper End	13	E10
S8	Lower Lift	19	E12
S9	Upper Lift	2	E12
Switches			
SW1	Upper Paper Size	16	E9
SW2	Lower Paper Size	15	E10
SW3	Tray Cover	8	E10
Magnetic Clutches			
MC1	Upper Paper Feed	6	E11
MC2	Relay	7	E11
MC3	Lower Paper Feed	9	E11
PCBs			
PCB1	Tray Main	1	E9-13
Others			
H1	Optional Tray Heater	17	E13