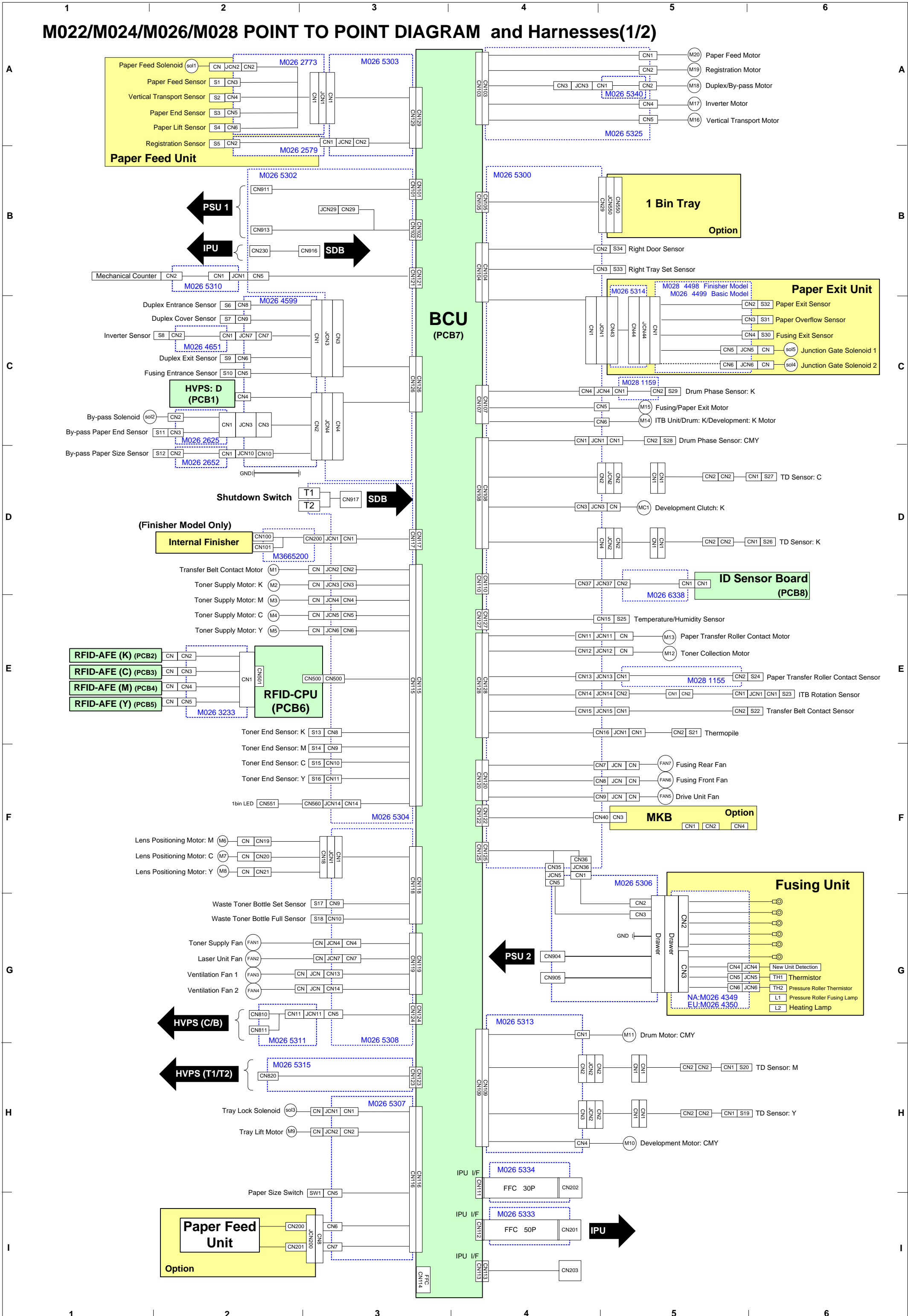
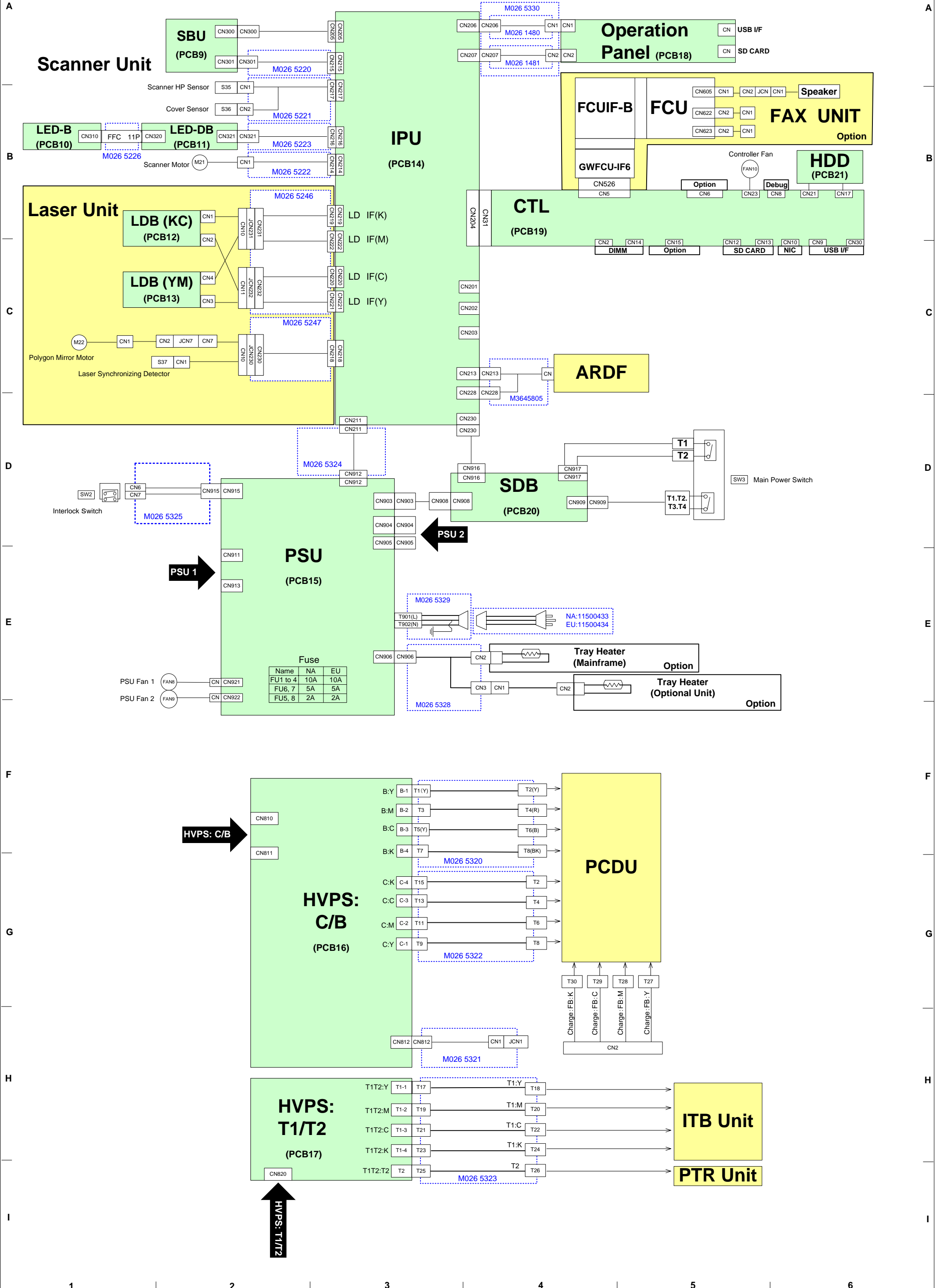


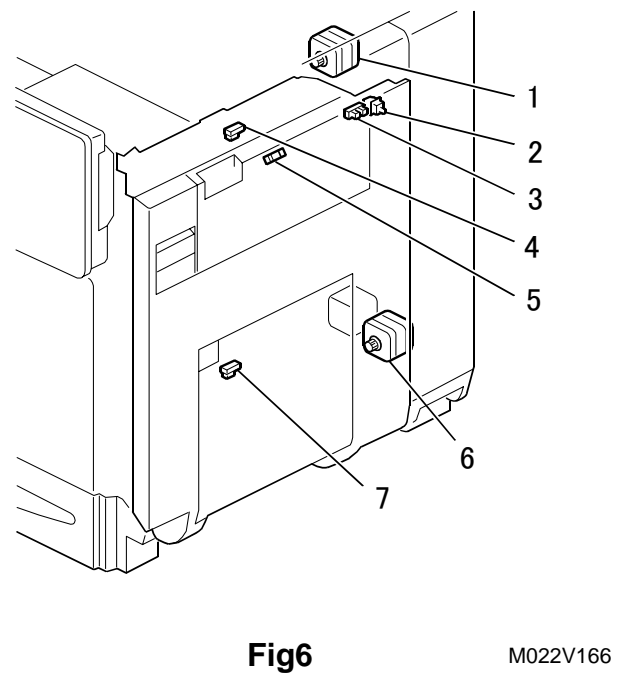
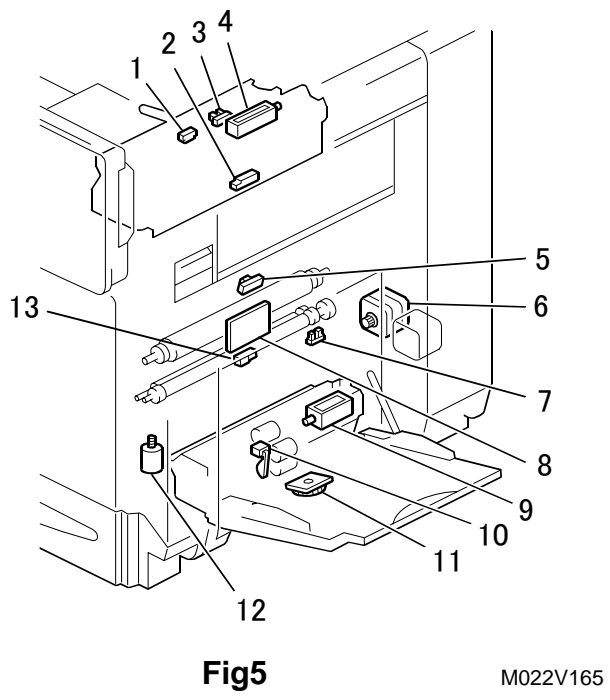
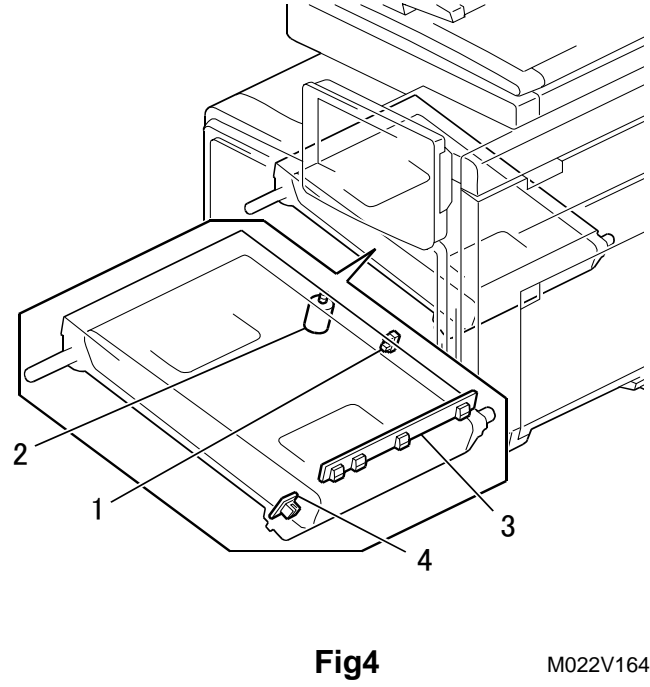
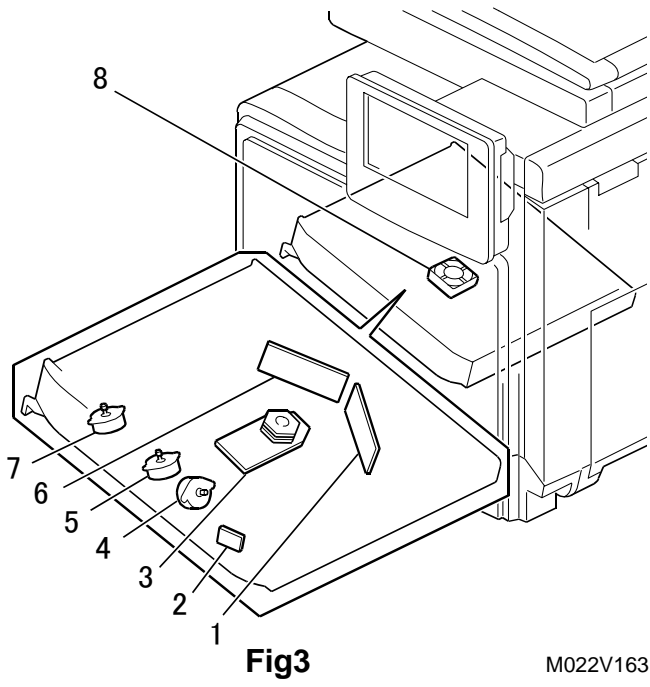
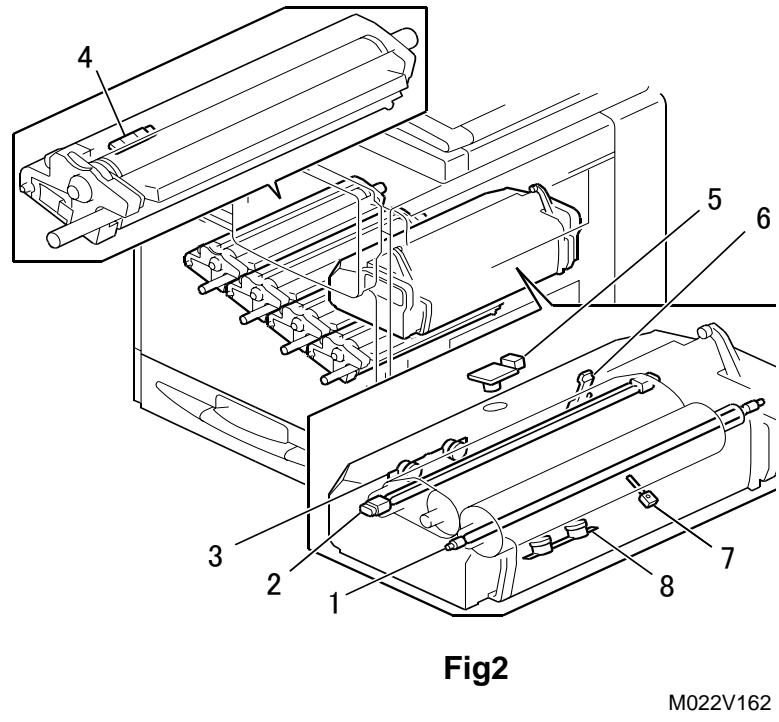
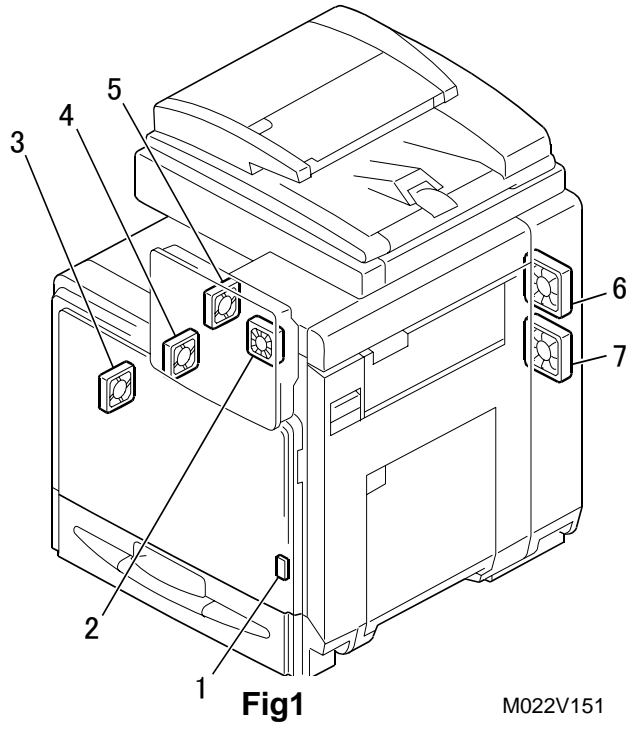
M022/M024/M026/M028 POINT TO POINT DIAGRAM and Harnesses(1/2)



M022/M024/M026/M028 POINT TO POINT DIAGRAM and Harnesses(2/2)



M022/M024/M026/M028 ELECTRICAL COMPONENT LAYOUT (1/3)



M022/M024/M026/M028 ELECTRICAL COMPONENT LAYOUT (2/3)

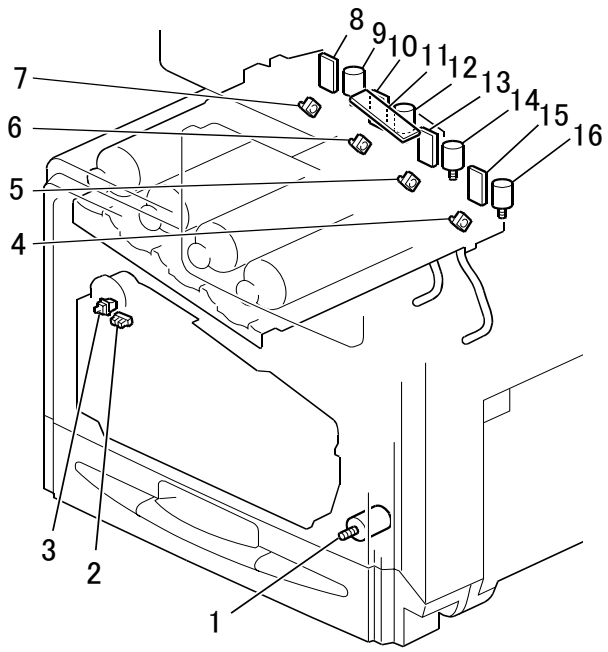


Fig7

M022V167

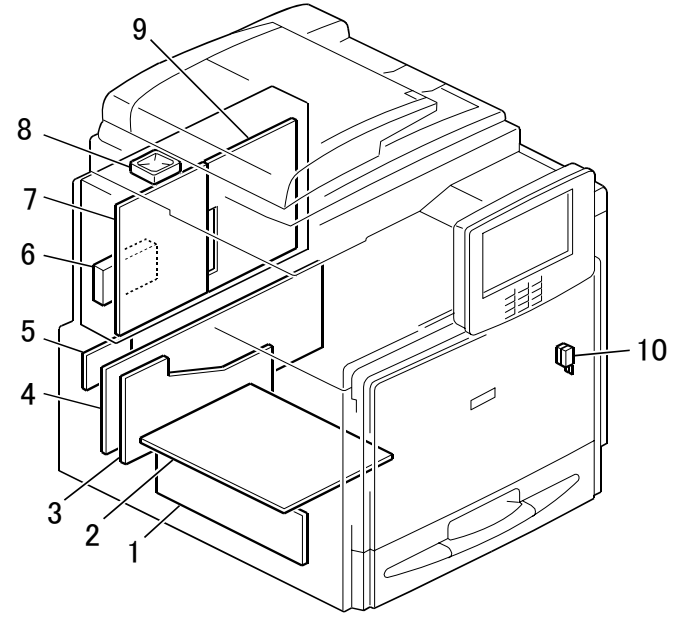


Fig8

M022V168

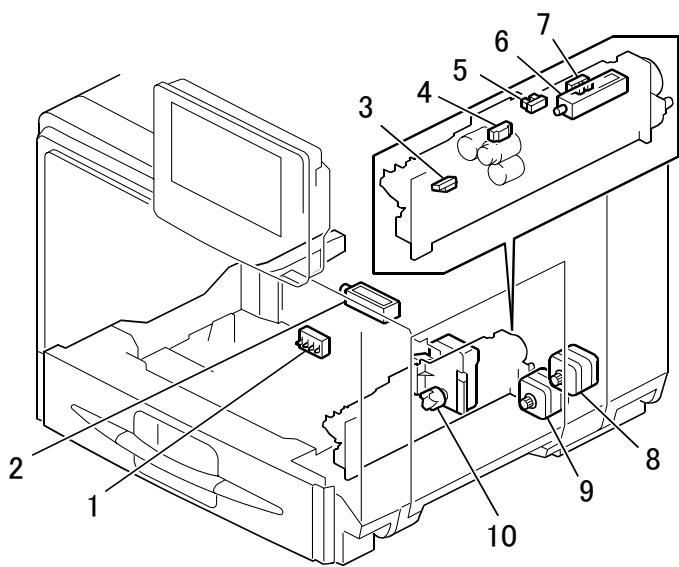


Fig9

M022V169

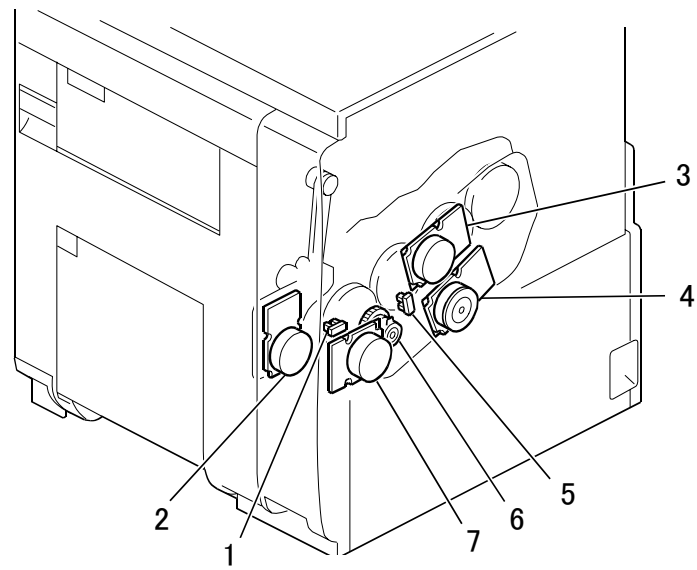


Fig10

M022V170

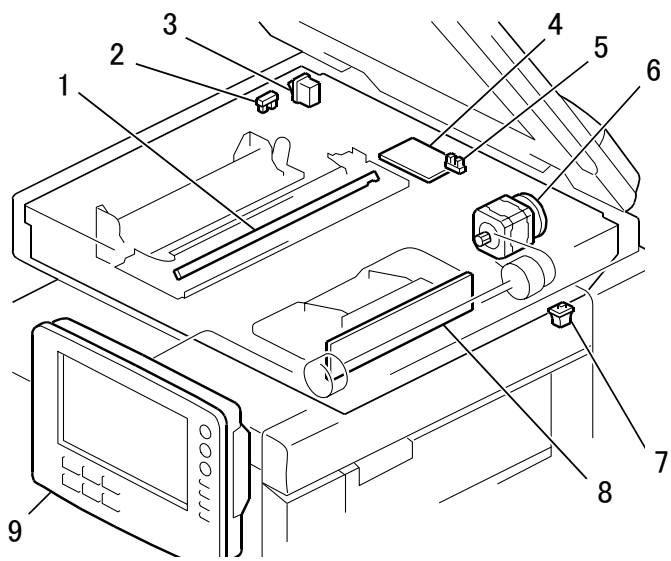


Fig11

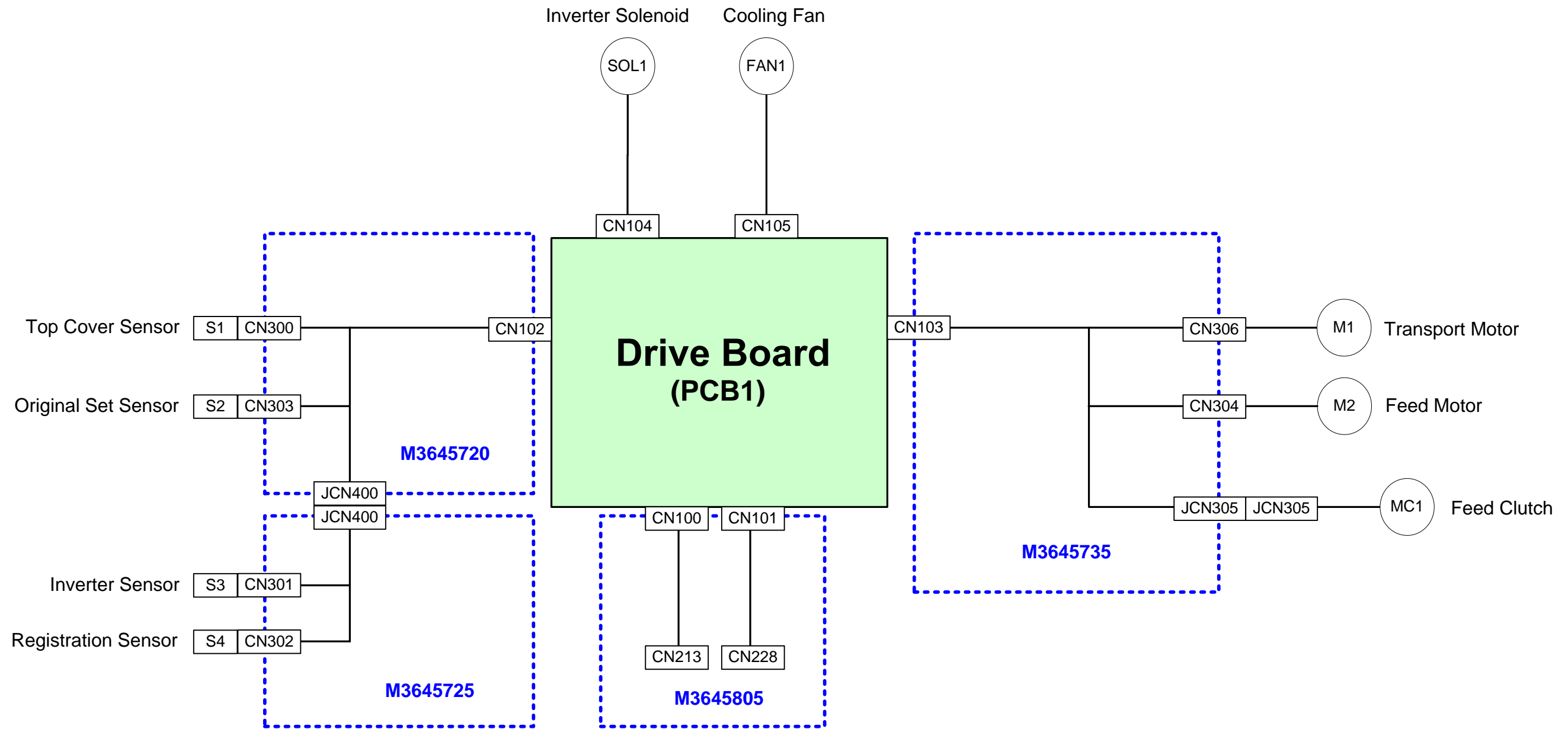
M022V171

M022/M024/M026/M028 ELECTRICAL COMPONENT LAYOUT (3/3)

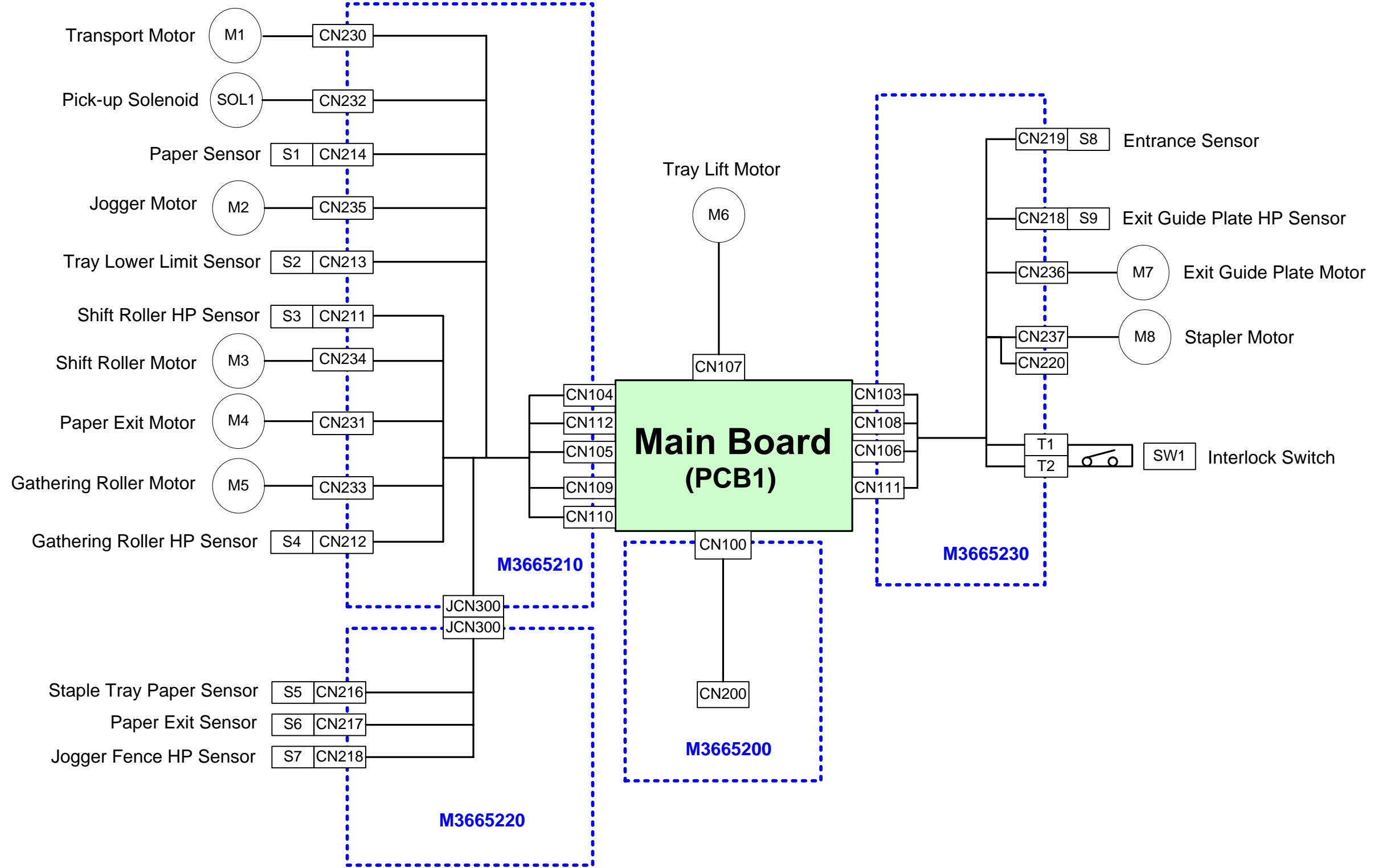
Symbol	Index No.	Description	P to P	Page
Motors				
M1	Fig4-2	Transfer Belt Contact Motor	D2	1/2
M2	Fig7-16	Toner Supply Motor: K	D2	1/2
M3	Fig7-12	Toner Supply Motor: M	E2	1/2
M4	Fig7-14	Toner Supply Motor: C	E2	1/2
M5	Fig7-9	Toner Supply Motor: Y	E2	1/2
M6	Fig3-5	Lens Positioning Motor: M	F2	1/2
M7	Fig3-4	Lens Positioning Motor: C	F2	1/2
M8	Fig3-7	Lens Positioning Motor: Y	F2	1/2
M9	Fig9-10	Tray Lift Motor	H2	1/2
M10	Fig10-4	Development Motor: CMY	H5	1/2
M11	Fig10-3	Drum Motor: CMY	G5	1/2
M12	Fig7-1	Toner Collection Motor	E5	1/2
M13	Fig5-12	Paper Transfer Roller Contact Motor	E5	1/2
M14	Fig10-7	ITB Unit/Drum: K/Development: K Motor	C5	1/2
M15	Fig10-2	Fusing/Paper Exit Motor	C5	1/2
M16	Fig9-8	Vertical Transport Motor	A5	1/2
M17	Fig6-1	Inverter Motor	A5	1/2
M18	Fig6-6	Duplex/By-pass Motor	A5	1/2
M19	Fig5-6	Registration Motor	A5	1/2
M20	Fig9-9	Paper Feed Motor	A5	1/2
M21	Fig11-6	Scanner Motor	B2	2/2
M22	Fig3-3	Polygon Mirror Motor	C1	2/2
Sensors				
S1	Fig9-3	Paper Feed Sensor	A2	1/2
S2	Fig9-4	Vertical Transport Sensor	A2	1/2
S3	Fig9-5	Paper End Sensor	A2	1/2
S4	Fig9-7	Paper Lift Sensor	A2	1/2
S5	Fig5-13	Registration Sensor	A2	1/2
S6	Fig6-4	Duplex Entrance Sensor	C2	1/2
S7	Fig6-2	Duplex Cover Sensor	C2	1/2
S8	Fig6-5	Inverter Sensor	C2	1/2
S9	Fig6-7	Duplex Exit Sensor	C2	1/2
S10	Fig5-5	Fusing Entrance Sensor	C2	1/2
S11	Fig5-10	By-pass Paper End Sensor	C2	1/2
S12	Fig5-11	By-pass Paper Size Sensor	D2	1/2
S13	Fig7-4	Toner End Sensor: K	E3	1/2
S14	Fig7-6	Toner End Sensor: M	F3	1/2
S15	Fig7-5	Toner End Sensor: C	F3	1/2
S16	Fig7-7	Toner End Sensor: Y	F3	1/2
S17	Fig7-3	Waste Toner Bottle Set Sensor	G3	1/2
S18	Fig7-2	Waste Toner Bottle Full Sensor	G3	1/2
S19	Fig2-4	TD Sensor: Y	H6	1/2
S20	Fig2-4	TD Sensor: M	H6	1/2
S21	Fig2-5	Thermopile	E5	1/2
S22	Fig4-1	Transfer Belt Contact Sensor	E5	1/2
S23	Fig4-4	ITB Rotation Sensor	E6	1/2
S24	Fig5-7	Paper Transfer Roller Contact Sensor	E5	1/2
S25	Fig1-1	Temperature/Humidity Sensor	E5	1/2
S26	Fig2-4	TD Sensor: K	D6	1/2
S27	Fig2-4	TD Sensor: C	D6	1/2
S28	Fig10-5	Drum Phase Sensor: CMY	C6	1/2
S29	Fig10-1	Drum Phase Sensor: K	C6	1/2
S30	Fig5-2	Fusing Exit Sensor	C6	1/2
S31	Fig5-3	Paper Overflow Sensor	C5	1/2
S32	Fig5-1	Paper Exit Sensor	C5	1/2
S33	Fig11-7	Right Tray Set Sensor	B5	1/2
S34	Fig6-3	Right Door Sensor	B5	1/2
S35	Fig11-2	Scanner HP Sensor	B2	2/2
S36	Fig11-5	Cover Sensor	B2	2/2
S37	Fig3-2	Laser Synchronizing Detector	C2	2/2

Symbol	Index No.	Description	P to P	Page
Magnetic Clutches				
MC1	Fig10-6	Development Clutch: K	D5	1/2
Switches				
SW1	Fig9-1	Paper Size Switch	H3	1/2
SW2	Fig8-10	Interlock Switch	D1	2/2
SW3	Fig11-3	Main Power Switch	D5	2/2
Solenoids				
SOL1	Fig9-6	Paper Feed Solenoid	A2	1/2
SOL2	Fig5-9	By-pass Solenoid	C2	1/2
SOL3	Fig9-2	Tray Lock Solenoid	H2	1/2
SOL4	Fig5-4	Junction Gate Solenoid 1	C6	1/2
SOL5	-	Junction Gate Solenoid 2	C6	1/2
FANS				
FAN1	Fig1-5	Toner Supply Fan	G2	1/2
FAN2	Fig3-8	Laser Unit Fan	G2	1/2
FAN3	Fig1-3	Ventilation Fan 1	G2	1/2
FAN4	Fig1-4	Ventilation Fan 2	G2	1/2
FAN5	Fig1-7	Drive Unit Fan	F5	1/2
FAN6	Fig1-2	Fusing Front Fan	F5	1/2
FAN7	Fig1-6	Fusing Rear Fan	F5	1/2
FAN8	-	PSU Fan 1	E2	2/2
FAN9	-	PSU Fan 2	E2	2/2
FAN10	Fig8-8	Controller Fan	B6	2/2
Others				
L1	Fig2-1	Pressure Roller Fusing Lamp	G6	1/2
L2	Fig2-2	Heating Lamp	G6	1/2
TH1	Fig2-6	Thermistor	G6	1/2
TH2	Fig2-7	Pressure Roller Thermistor	G6	1/2
-	Fig2-3	Heating Roller Thermostat	-	-
-	Fig2-8	Pressure Roller Thermostat	-	-
PCBs				
PCB1	Fig5-8	HVPS: D	C2	1/2
PCB2	Fig7-15	RFID-AFE (K)	E1	1/2
PCB3	Fig7-13	RFID-AFE(C)	E1	1/2
PCB4	Fig7-10	RFID-AFE(M)	E1	1/2
PCB5	Fig7-8	RFID-AFE(Y)	E1	1/2
PCB6	Fig7-11	RFID-CPU	E2	1/2
PCB7	Fig8-3	BCU	C3	1/2
PCB8	Fig4-3	ID Sensor Board	D6	1/2
PCB9	Fig11-8	SBU	A2	2/2
PCB10	Fig11-1	LED-B	B1	2/2
PCB11	Fig11-4	LED-DB	B2	2/2
PCB12	Fig3-1	LDB (KC)	B2	2/2
PCB13	Fig3-6	LDB (YM)	C2	2/2
PCB14	Fig8-9	IPU	B3	2/2
PCB15	Fig8-4	PSU	E3	2/2
PCB16	Fig8-2	HVPS:C/B	G3	2/2
PCB17	Fig8-1	HVPS:T1/T2	H2	2/2
PCB18	Fig11-9	Operation Panel	A5	2/2
PCB19	Fig8-7	CTL	B4	2/2
PCB20	Fig8-5	SDB	D4	2/2
PCB21	Fig8-6	HDD	B6	2/2

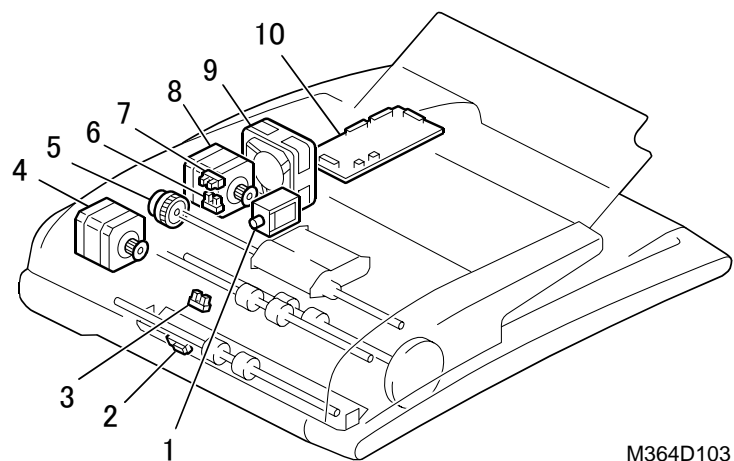
ARDF POINT TO POINT DIAGRAM



Internal Finisher POINT TO POINT DIAGRAM



ARDF ELECTRICAL COMPONENT LAYOUT



M364D103

Symbol	Index No.	Description	P to P
Motors			
M1	4	Transport Motor	C7
M2	8	Feed Motor	D7
Sensors			
S1	6	Top Cover Sensor	C2
S2	7	Original Set Sensor	D2
S3	3	Inverter Sensor	D2
S4	2	Registration Sensor	E2
Magnetic Clutches			
MC1	5	Feed Clutch	D7
Solenoids			
SOL1	1	Inverter Solenoid	B4
FANs			
FAN1	9	Cooling Fan	B4
PCBs			
PCB1	10	Drive Board	C4

Internal Finisher ELECTRICAL COMPONENT LAYOUT

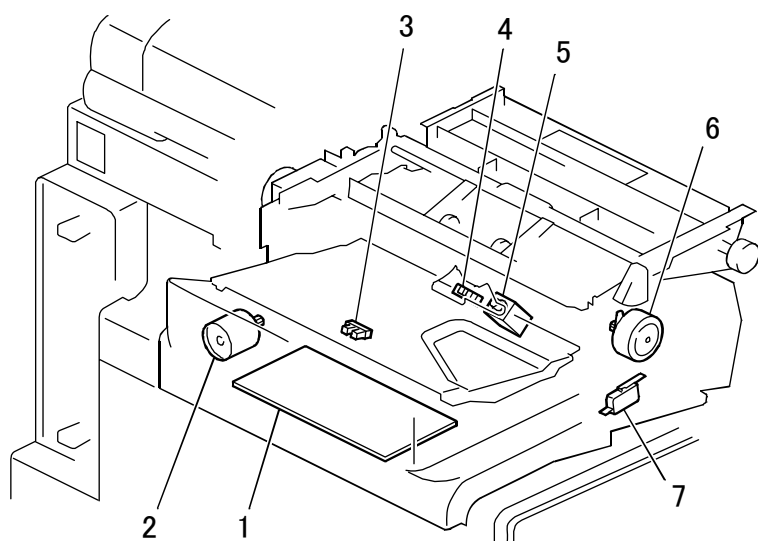


Fig1

M366D103a

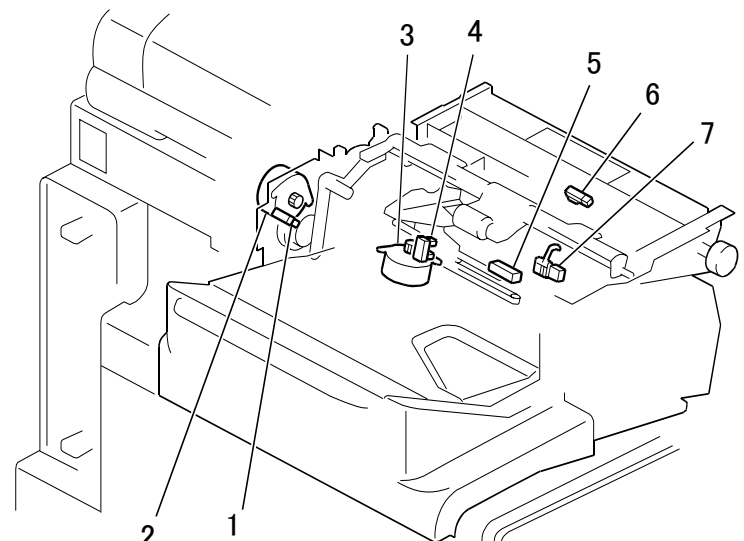


Fig2

M366D104

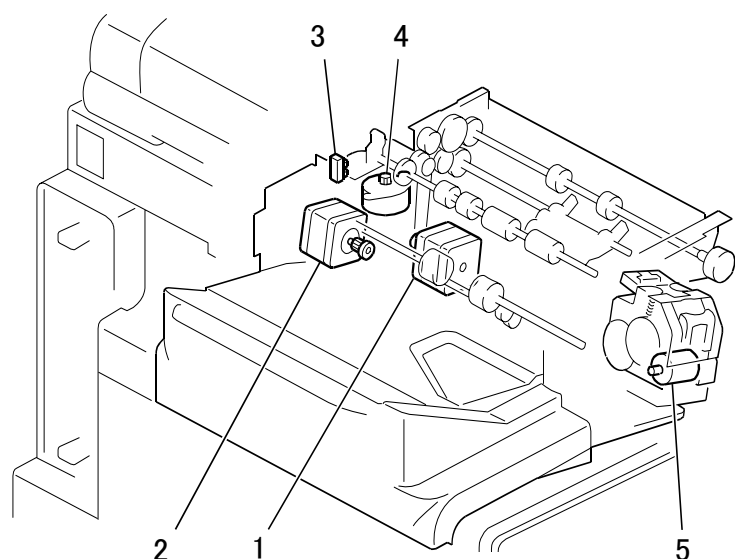
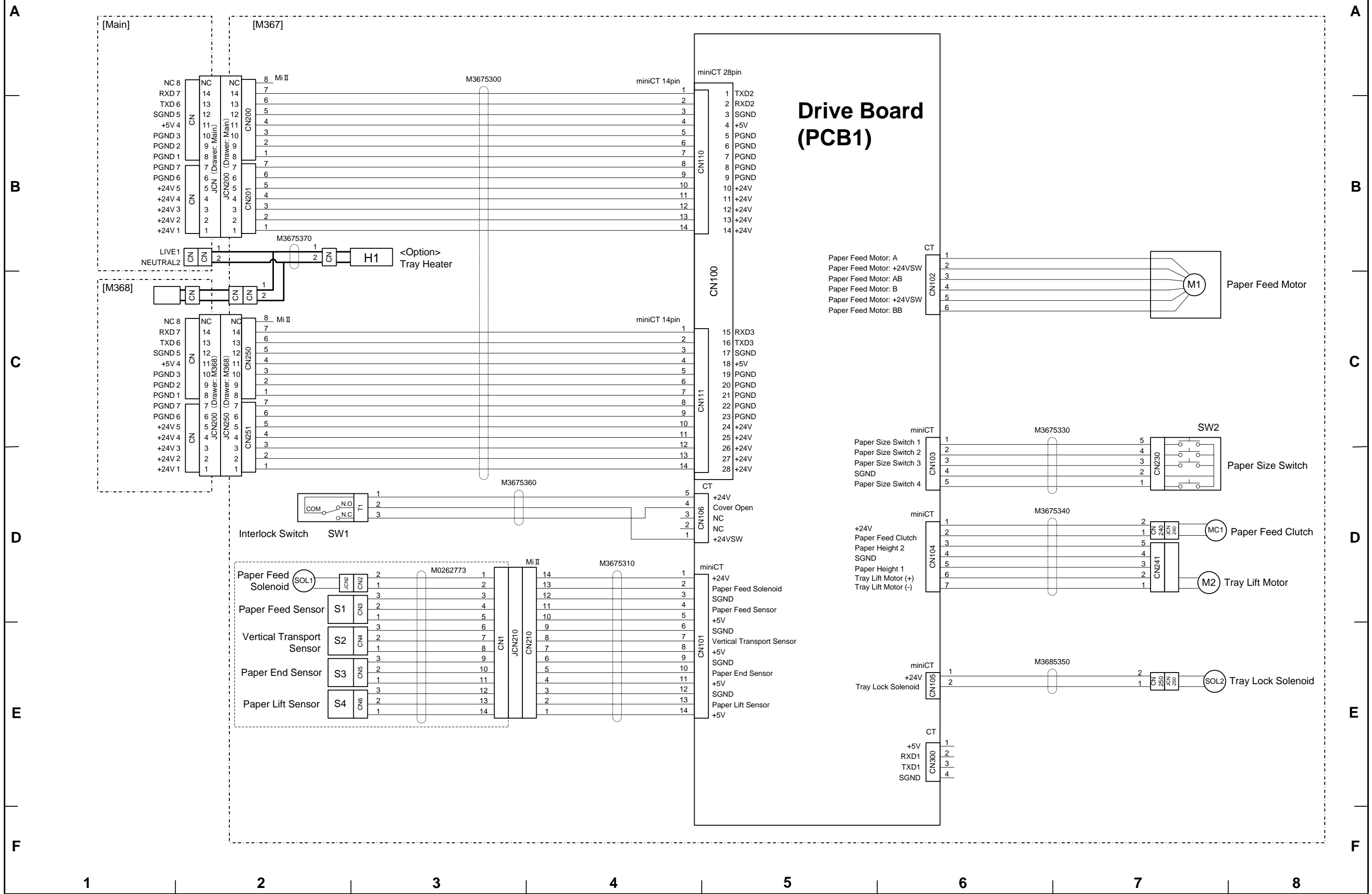


Fig3

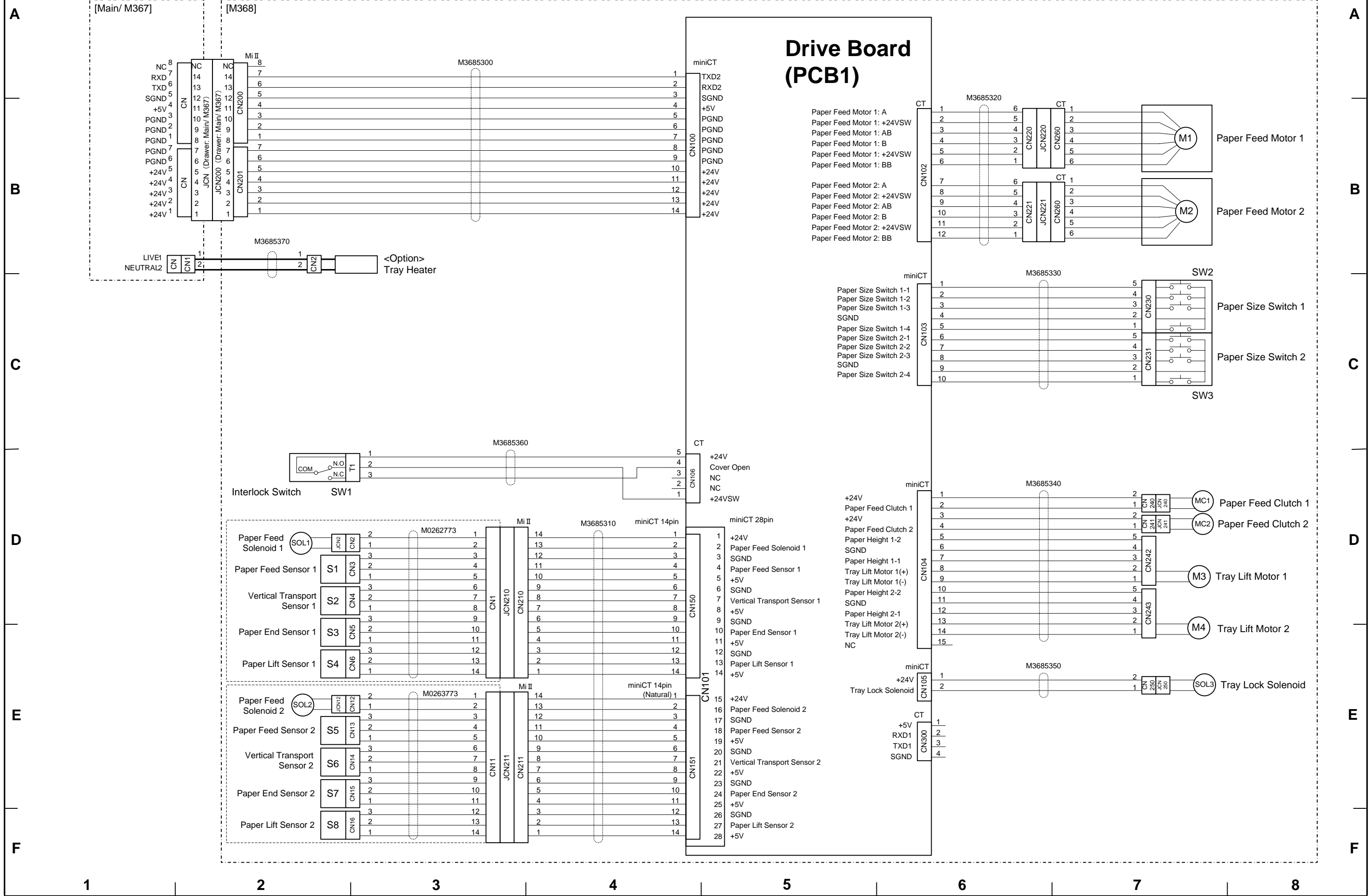
M366D105

Symbol	Index No.	Description	P to P
Motors			
M1	Fig3-1	Transport Motor	B2
M2	Fig2-3	Jogger Motor	C2
M3	Fig3-4	Shift Roller Motor	C2
M4	Fig3-2	Paper Exit Motor	D2
M5	Fig2-2	Gathering Roller Motor	D2
M6	Fig1-2	Tray Lift Motor	C5
M7	Fig1-6	Exit Guide Plate Motor	C7
M8	Fig3-5	Stapler Motor	C7
Sensors			
S1	Fig1-4	Paper Sensor	B3
S2	Fig1-3	Tray Lower Limit Sensor	C3
S3	Fig3-3	Shift Roller HP Sensor	C3
S4	Fig2-1	Gathering Roller HP Sensor	D3
S5	Fig2-7	Staple Tray Paper Sensor	E3
S6	Fig2-5	Paper Exit Sensor	E3
S7	Fig2-4	Jogger Fence HP Sensor	E3
S8	Fig2-6	Entrance Sensor	B6
S9	-	Exit Guide Plate HP Sensor	C6
Switches			
SW1	Fig1-7	Interlock Switch	D7
Solenoids			
SOL1	Fig1-5	Pick-up Solenoid	B2
PCBs			
PCB1	Fig1-1	Main Board	D5

M367 POINT TO POINT DIAGRAM



M368 POINT TO POINT DIAGRAM



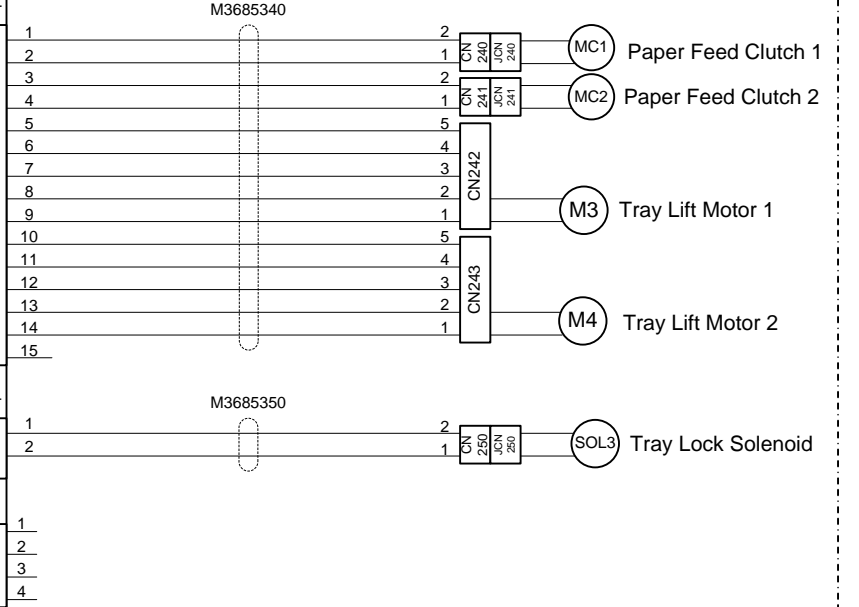
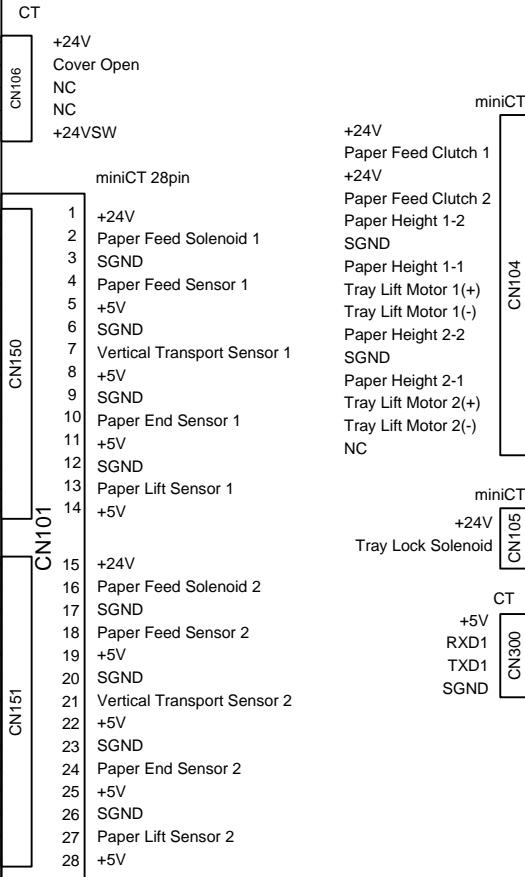
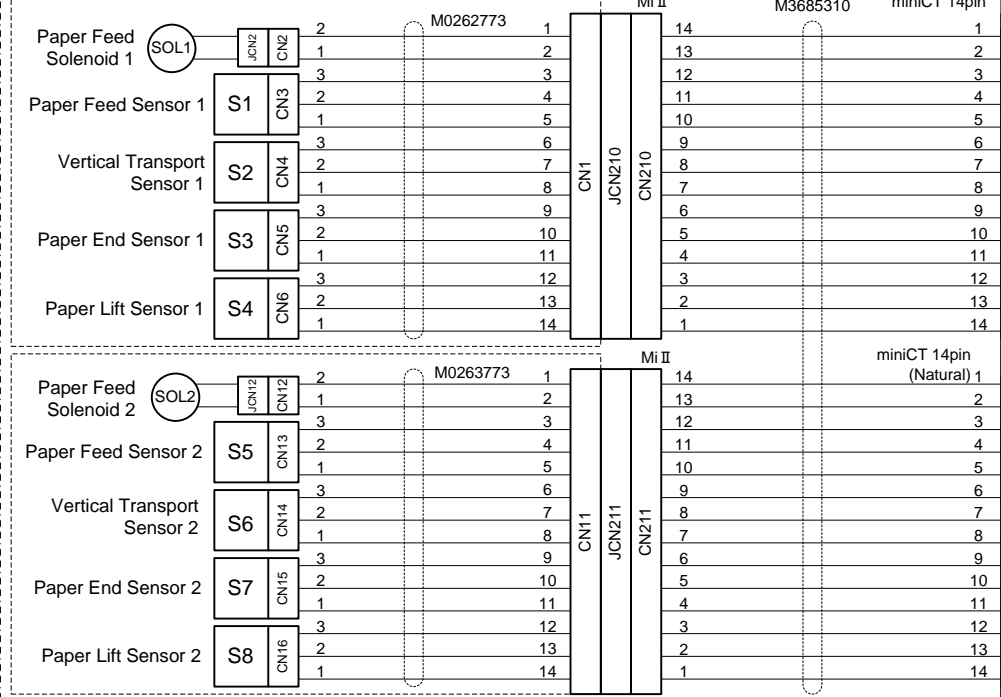
Drive Board (PCB1)

- Paper Feed Motor 1: A
- Paper Feed Motor 1: +24VSW
- Paper Feed Motor 1: AB
- Paper Feed Motor 1: B
- Paper Feed Motor 1: +24VSW
- Paper Feed Motor 1: BB
- Paper Feed Motor 2: A
- Paper Feed Motor 2: +24VSW
- Paper Feed Motor 2: AB
- Paper Feed Motor 2: B
- Paper Feed Motor 2: +24VSW
- Paper Feed Motor 2: BB

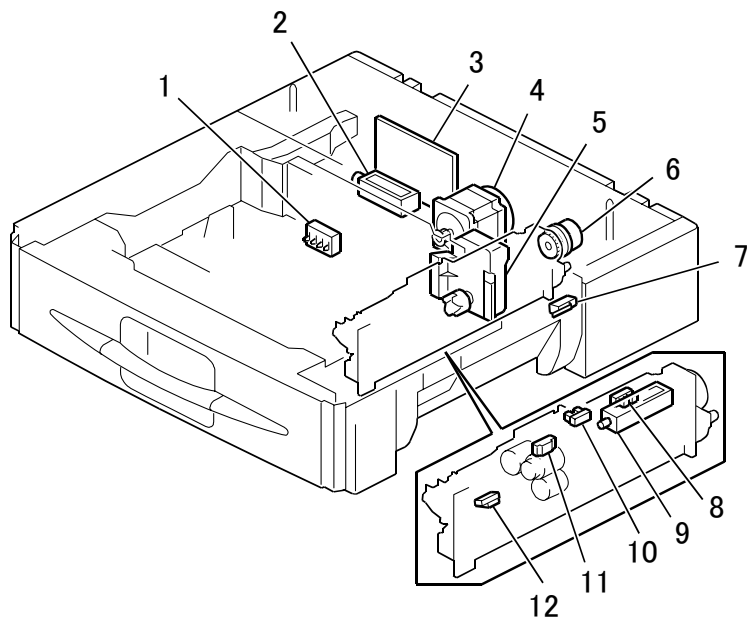
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- Paper Size Switch 1-2
- Paper Size Switch 1-3
- SGND
- Paper Size Switch 1-4
- Paper Size Switch 2-1
- Paper Size Switch 2-2
- Paper Size Switch 2-3
- SGND
- Paper Size Switch 2-4

- +24V
- Paper Feed Clutch 1
- +24V
- Paper Feed Clutch 2
- Paper Height 1-2
- SGND
- Paper Height 1-1
- Tray Lift Motor 1(+)
- Tray Lift Motor 1(-)
- Paper Height 2-2
- SGND
- Paper Height 2-1
- Tray Lift Motor 2(+)
- Tray Lift Motor 2(-)
- NC

- +24V
- Paper Feed Solenoid 2
- SGND
- Paper Feed Sensor 2
- +5V
- SGND
- Vertical Transport Sensor 2
- +5V
- SGND
- Paper End Sensor 2
- +5V
- SGND
- Paper Lift Sensor 2
- +5V



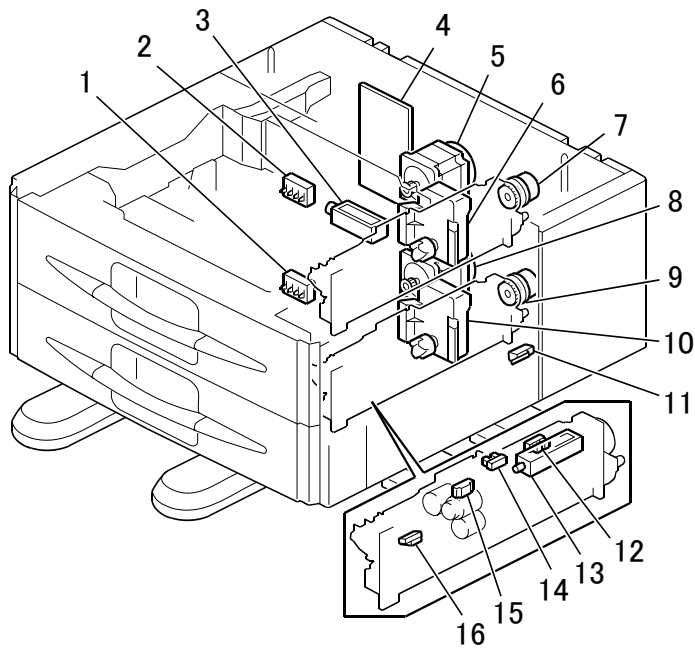
ELECTRICAL COMPONENT LAYOUT (M367)



M367D102

Symbol	Index No.	Description	P to P
Motors			
M1	4	Paper Feed Motor	C7
M2	5	Tray Lift Motor	D7
Sensors			
S1	12	Paper Feed Sensor	D2
S2	11	Vertical Transport Sensor	E2
S3	10	Paper End Sensor	E2
S4	8	Paper Lift Sensor	E2
Magnetic Clutches			
MC1	6	Paper Feed Clutch	D7
Switches			
SW1	7	Interlock Switch	D2
SW2	1	Paper Size Switch	D7
Solenoids			
SOL1	9	Paper Feed Solenoid	D2
SOL2	2	Tray Lock Solenoid	E7
PCBs			
PCB1	3	Drive Board	B5

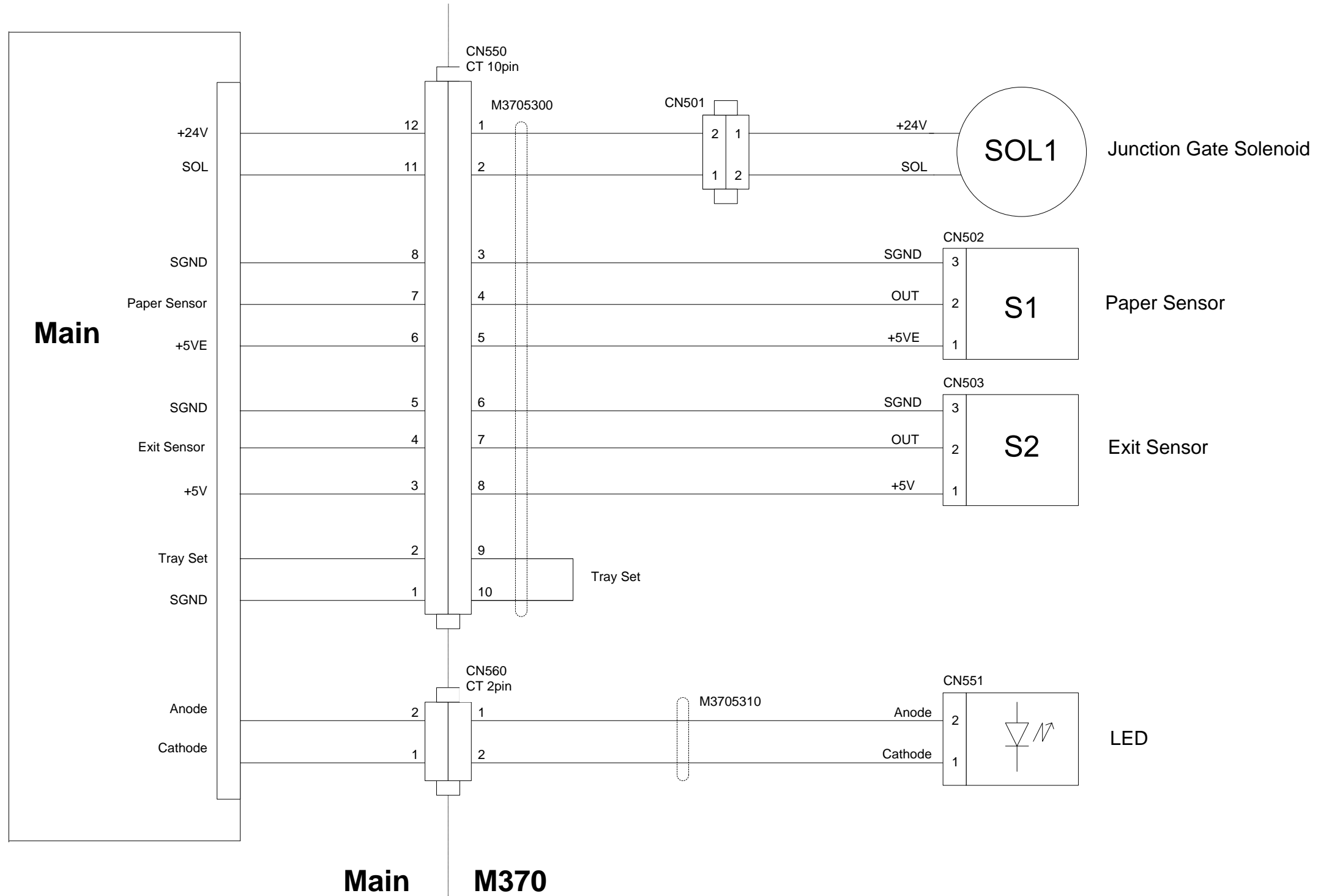
ELECTRICAL COMPONENT LAYOUT (M368)



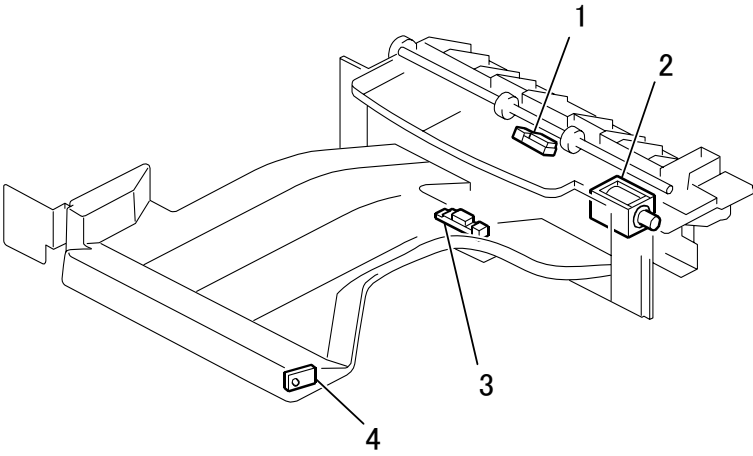
M368D102

Symbol	Index No.	Description	P to P
Motors			
M1	5	Paper Feed Motor 1	B7
M2	8	Paper Feed Motor 2	B7
M3	6	Tray Lift Motor 1	D7
M4	10	Tray Lift Motor 2	D7
Sensors			
S1	-	Paper Feed Sensor 1	D2
S2	-	Vertical Transport Sensor 1	D2
S3	-	Paper End Sensor 1	E2
S4	-	Paper Lift Sensor 1	E2
S5	16	Paper Feed Sensor 2	E2
S6	15	Vertical Transport Sensor 2	E2
S7	14	Paper End Sensor 2	E2
S8	12	Paper Lift Sensor 2	F2
Magnetic Clutches			
MC1	7	Paper Feed Clutch 1	D7
MC2	9	Paper Feed Clutch 2	D7
Switches			
SW1	11	Interlock Switch	D2
SW2	2	Paper Size Switch 1	C7
SW3	1	Paper Size Switch 2	C7
Solenoids			
SOL1	-	Paper Feed Solenoid 1	D2
SOL2	13	Paper Feed Solenoid 2	E2
SOL3	3	Tray Lock Solenoid	E7
PCBs			
PCB1	4	Drive Board	A5

M370 POINT TO POINT DIAGRAM



ELECTRICAL COMPONENT LAYOUT (M370)



M370D102

Symbol	Index No.	Description	P to P
Sensors			
S1	3	Paper Sensor	C6
S2	1	Exit Sensor	C6
Solenoids			
SOL1	2	Junction Gate Solenoid	B6
LED			
LED	4	LED	E6