

[illegible]

D777 POINT TO POINT DIAGRAM (2/4)

A

Main Board (2/4) (PCB1)

PSU Cooling Fan 1 (FAN 1) D7775316 D7775317

PSU Cooling Fan 2 (FAN 2)

Main Machine I/F, LCIT Connection I/F (ASAP Main Machine=24V Supply)

Downstream Unit (Main machine/Vacuum Feed LCIT)

Upstream Unit (Vacuum Feed LCIT)

Bridge Unit

Bridge Unit

B

Tray 1 Paper Feed Belt Motor (M1) D7775346

Tray 1 Pickup belt Motor (M2)

Tray 1 Grip Motor (M3)

Tray 2 Pickup belt Motor (M4)

Tray 2 Grip Motor (M5)

Tray 2 Paper Feed Belt Motor (M6)

Tray 2 Grip Motor (M7)

Vertical Transport (Paper Transport Motor) (M8)

Tray 1 Vertical Transport Motor 1 (M9)

Tray 1 Vertical Transport Motor 2 (M10)

Tray 2 Vertical Transport Motor 1 (M11)

Tray 2 Vertical Transport Motor 2 (M12)

Bypass Vertical Transport Motor 2 (M13)

Vertical Transport Exit Motor (M14)

LCIT Exit Motor (M15)

LCIT Exit Roller Contact Motor (M16)

C

Tray 1 Suction Fan (FAN 3) D7775324

Tray 1 Suction Fan (FAN 4)

Tray 1 Paper Feed Belt Unit (D7775323)

Tray 1 Paper End Sensor (S1) D7775325

Tray 1 Tray Upper Limit Sensor (S2) D7775327

Tray 2 Tray Upper Limit Sensor (S3) D7775322

Tray 2 Paper Feed Belt Unit (D7775323)

Tray 2 Paper End Sensor (S4) D7775325

Transport Motor Cooling Fan (FAN 5) D7775320

Tray 2 Suction Fan (FAN 6) D7775325

Tray 2 Suction Fan (FAN 7)

Tray 2 Suction Fan (FAN 8)

Vertical Transport Interlock Switch (SW1) D7775330

Tray 1 Transport Sensor (S5) D7775332

Tray 1 Vertical Transport Sensor (S6) D7775331

Tray 2 Vertical Transport Sensor (S7) D7775333

Tray 2 Transport Sensor (S8) D7775333

LCIT Exit Roller Contact Sensor (S9) D7775333

LCIT Exit Sensor (S10) D7775333

Bypass Transport Sensor 2 (S11) D7775333

Tray 1 LCIT Lift Motor (M17) D7775362

Tray 2 LCIT Lift Motor (M18)

D

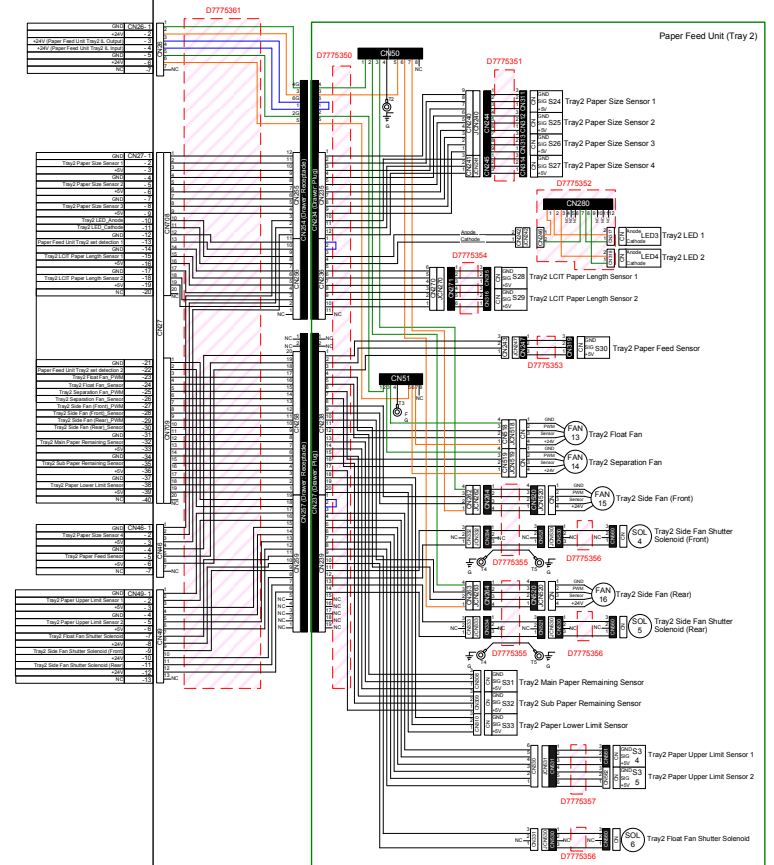
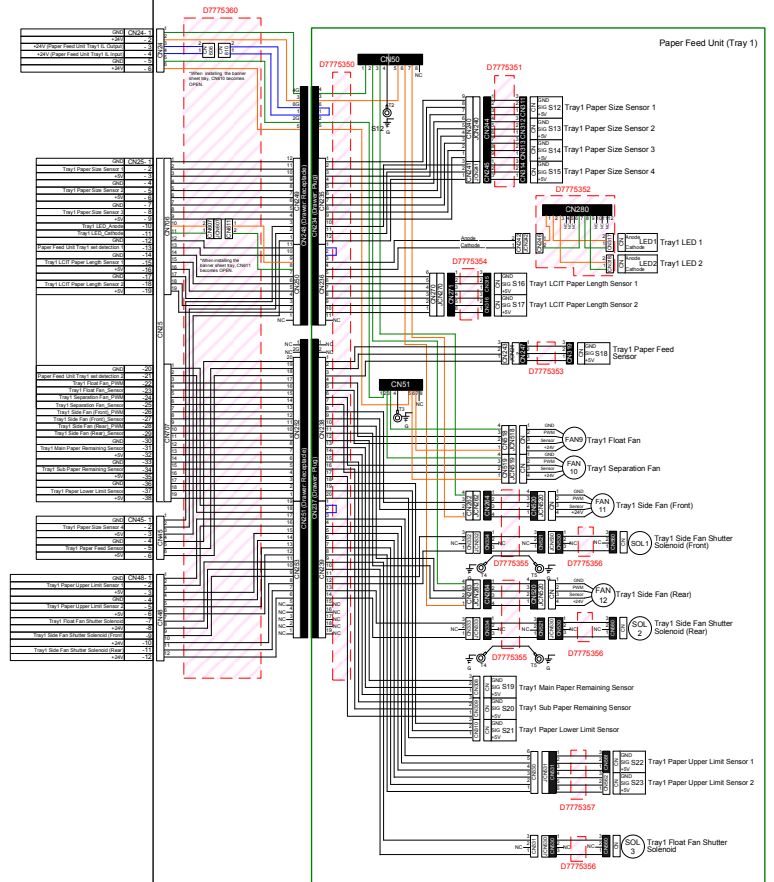
E

F

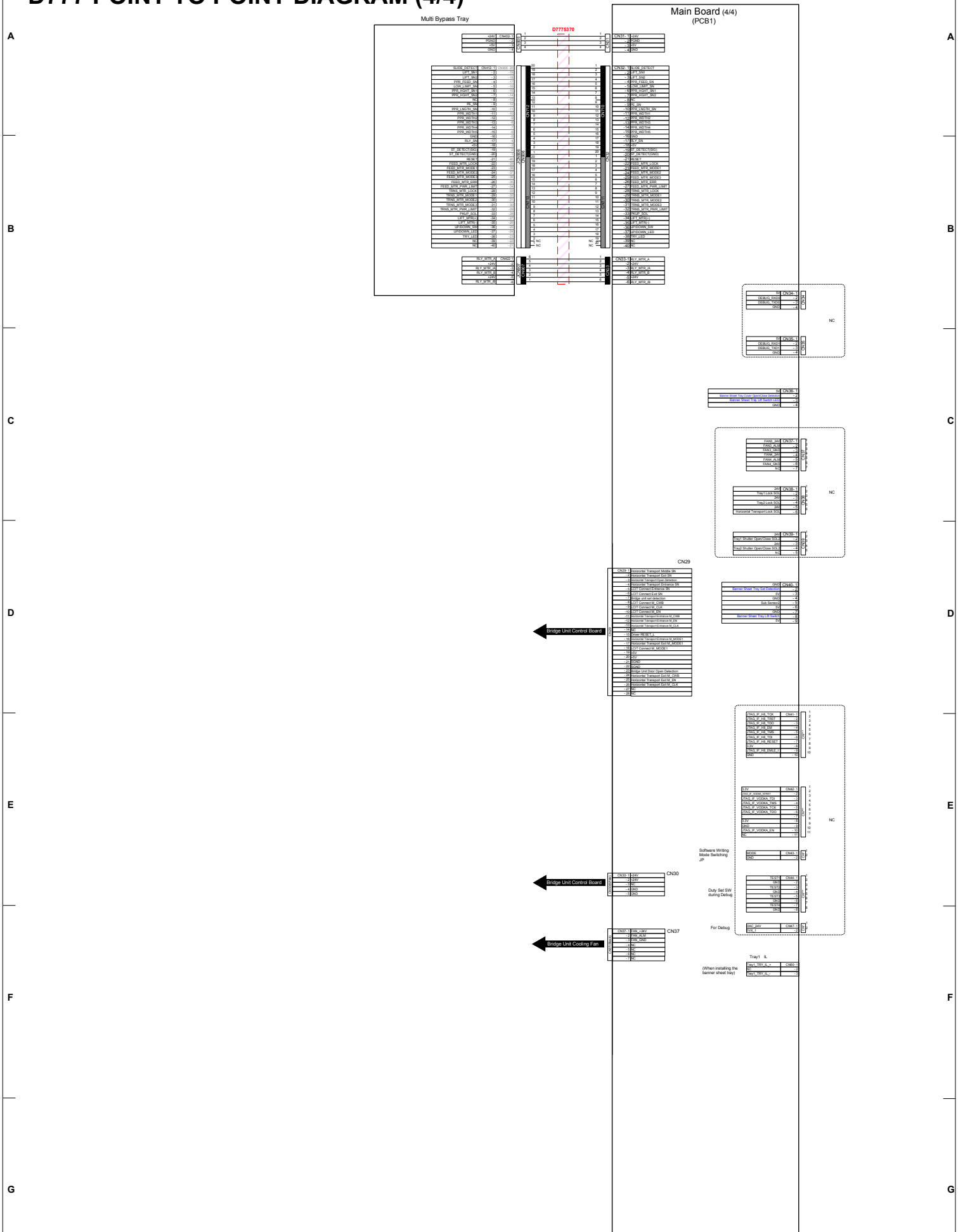
G

D777 POINT TO POINT DIAGRAM (3/4)

Main Board (3/4)
(PCB1)



D777 POINT TO POINT DIAGRAM (4/4)



D777 ELECTRICAL COMPONENT LAYOUT

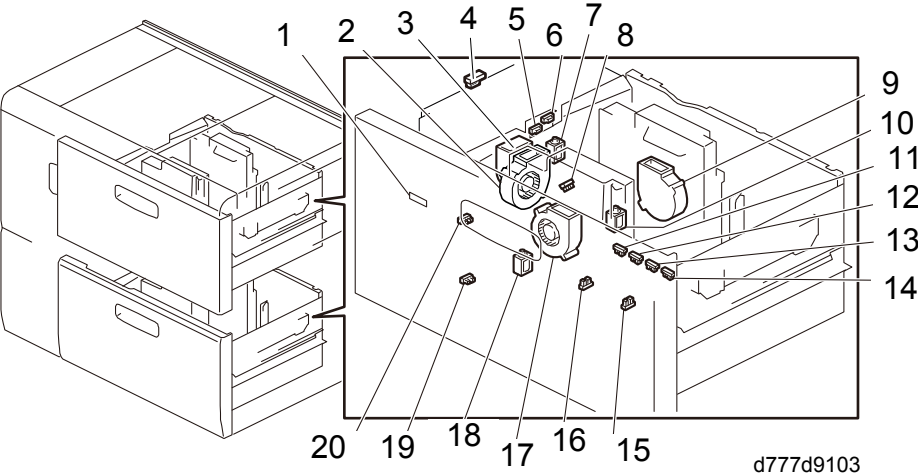


Fig.1

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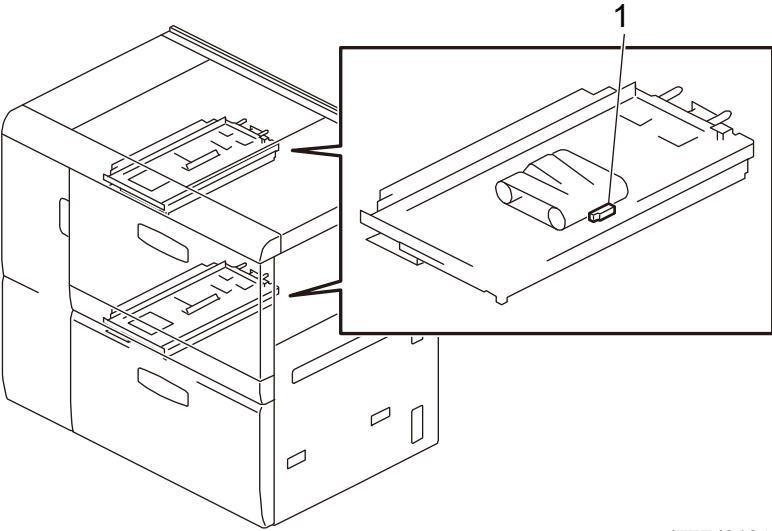


Fig.2

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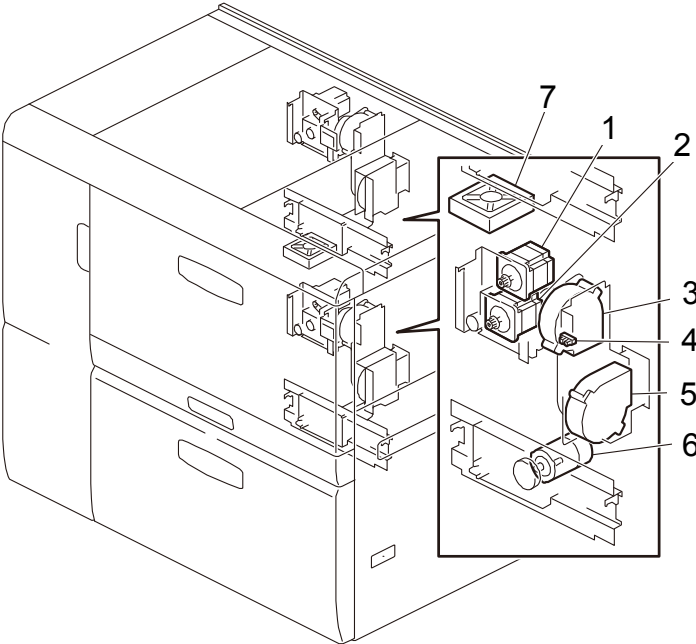


Fig.3

d777d9105

Index No	Description	Symbol	P to P	Page
fig 1-1	Tray1/2 LED 1,2	LED1/2/3/4	B10/E10	3/4
fig 1-2	Tray1/2 Separation Fan	FAN10/14	C9/F9	3/4
fig 1-3	Tray1/2 Float Fan	FAN9/13	C9/F9	3/4
fig 1-4	Tray1/2 Paper Feed Sensor	S18/30	C9/F9	3/4
fig 1-5	Tray1/2 Paper Upper Limit Sensor 2	S23/35	D9/G9	3/4
fig 1-6	Tray1/2 Paper Upper Limit Sensor 1	S22/34	D9/G9	3/4
fig 1-7	Tray1/2 Float Fan Shutter Solenoid	SOL3/6	D9/G9	3/4
fig 1-8	Tray1/2 Main Paper Remaining Sensor	S19/31	D9/G9	3/4
fig 1-9	Tray1/2 Side Fan (Rear)	FAN12/16	C9/F9	3/4
fig 1-10	Tray1/2 Side Fan Shutter Solenoid (Rear)	SOL2/5	C10/G10	3/4
fig 1-11	Tray1/2 Paper Size Sensor 1	S12/24	B9/E9	3/4
fig 1-12	Tray1/2 Paper Size Sensor 2	S13/25	B9/E9	3/4
fig 1-13	Tray1/2 Paper Size Sensor 3	S14/26	B9/E9	3/4
fig 1-14	Tray1/2 Paper Size Sensor 4	S15/27	B9/E9	3/4
fig 1-15	Tray1/2 LCIT Paper Length Sensor 2	S17/29	B9/E9	3/4
fig 1-16	Tray1/2 LCIT Paper Length Sensor 1	S16/28	B9/E9	3/4
fig 1-17	Tray1/2 Side Fan (Front)	FAN11/15	C9/F9	3/4
fig 1-18	Tray1/2 Side Fan Shutter Solenoid (Front)	SOL1/4	C10/F10	3/4
fig 1-19	Tray1/2 Paper Lower Limit Sensor	S21/33	D9/G9	3/4
fig 1-20	Tray1/2 Sub Paper Remaining Sensor	S20/32	D9/G9	3/4

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fig 2-1	Tray1/2 Paper End Sensor	S1/4	D2/E2	2/4

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fig 3-1	Tray1/2 Pickup belt Motor	M1/3	A8/B8	2/4
fig 3-2	Tray1/2 Grip Motor	M2/4	A8/B8	2/4
fig 3-3	Tray1/2 Suction Fan 1	FAN3/7	C3/E3	2/4
fig 3-4	Tray1/2 Tray Upper Limit Sensor	S2/3	D3	2/4
fig 3-5	Tray1/2 Suction Fan 2	FAN4/8	C3/E3	2/4
fig 3-6	Tray1/2 LCIT Lift Motor	M13/14	F8	2/4
fig 3-7	Transport Motor Cooling Fan	FAN6	E4	2/4

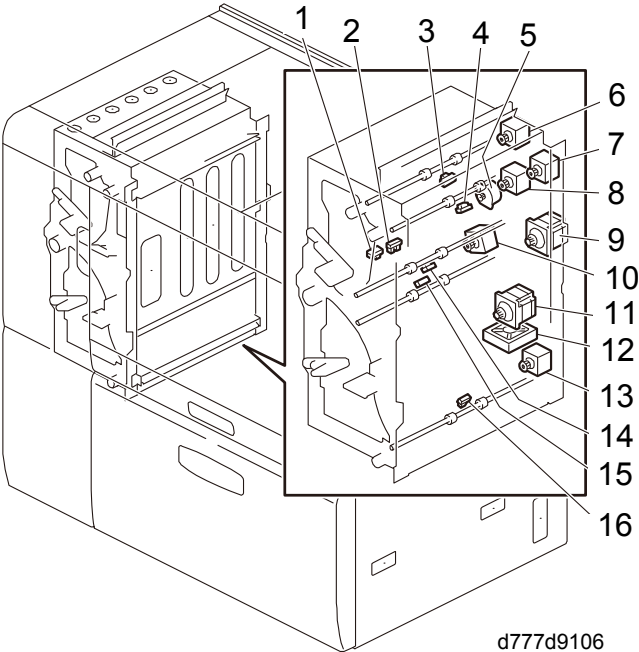


Fig.4

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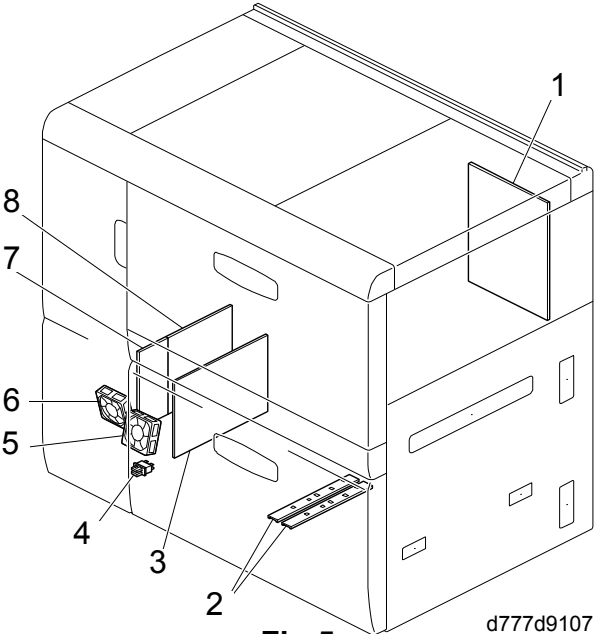


Fig.5

d777d9107

Index No.	Description	Symbol	P to P	Page
fig 4-1	LCIT Exit Roller Contact Sensor	S9	F3	2/4
fig 4-2	LCIT Exit Sensor	S10	F3	2/4
fig 4-3	Bypass Transport Sensor 2	S11	F3	2/4
fig 4-4	Tray 1 Transport Sensor	S5	F3	2/4
fig 4-5	LCIT Exit Roller Contact Motor	M12	C8	2/4
fig 4-6	Bypass Vertical Transport Motor 2	M9	B8	2/4
fig 4-7	Tray 1 Vertical Transport Motor 1	M5	B8	2/4
fig 4-8	Tray 1 Vertical Transport Motor 2	M6	B8	2/4
fig 4-9	Vertical Transport Exit Motor	M10	C8	2/4
fig 4-10	LCIT Exit Motor	M11	C8	2/4
fig 4-11	Tray 2 Vertical Transport Motor 2	M8	B8	2/4
fig 4-12	Vertical Transport Motor Cooling Fan	FAN5	D4	2/4
fig 4-13	Tray 2 Vertical Transport Motor 1	M7	B8	2/4
fig 4-14	Tray 1 Vertical Transport Sensor	S6	F3	2/4
fig 4-15	Tray 2 Vertical Transport Sensor	S7	F3	2/4
fig 4-16	Tray 2 Transport Sensor	S8	F3	2/4

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fig 5-1	Main Board	PCB1	A9	1/4
			A6	2/4
			A5	3/4
			A8	4/4
fig 5-2	Optional Tray Heater	H1/2	B2	1/4
fig 5-3	PSU 2	PSU2	D4	1/4
fig 5-4	Interlock Switch	SW1	E3	2/4
fig 5-5	PSU Cooling Fan 1	FAN1	A3	2/4
fig 5-6	PSU Cooling Fan 2	FAN2	A3	2/4
fig 5-7	AC Drive Board	PCB2	A3	1/4
fig 5-8	PSU 1	PSU1	B4	1/4