

M158/M159 POINT TO POINT DIAGRAM (1 / 2)

A

B

C

D

E

F

G

A

B

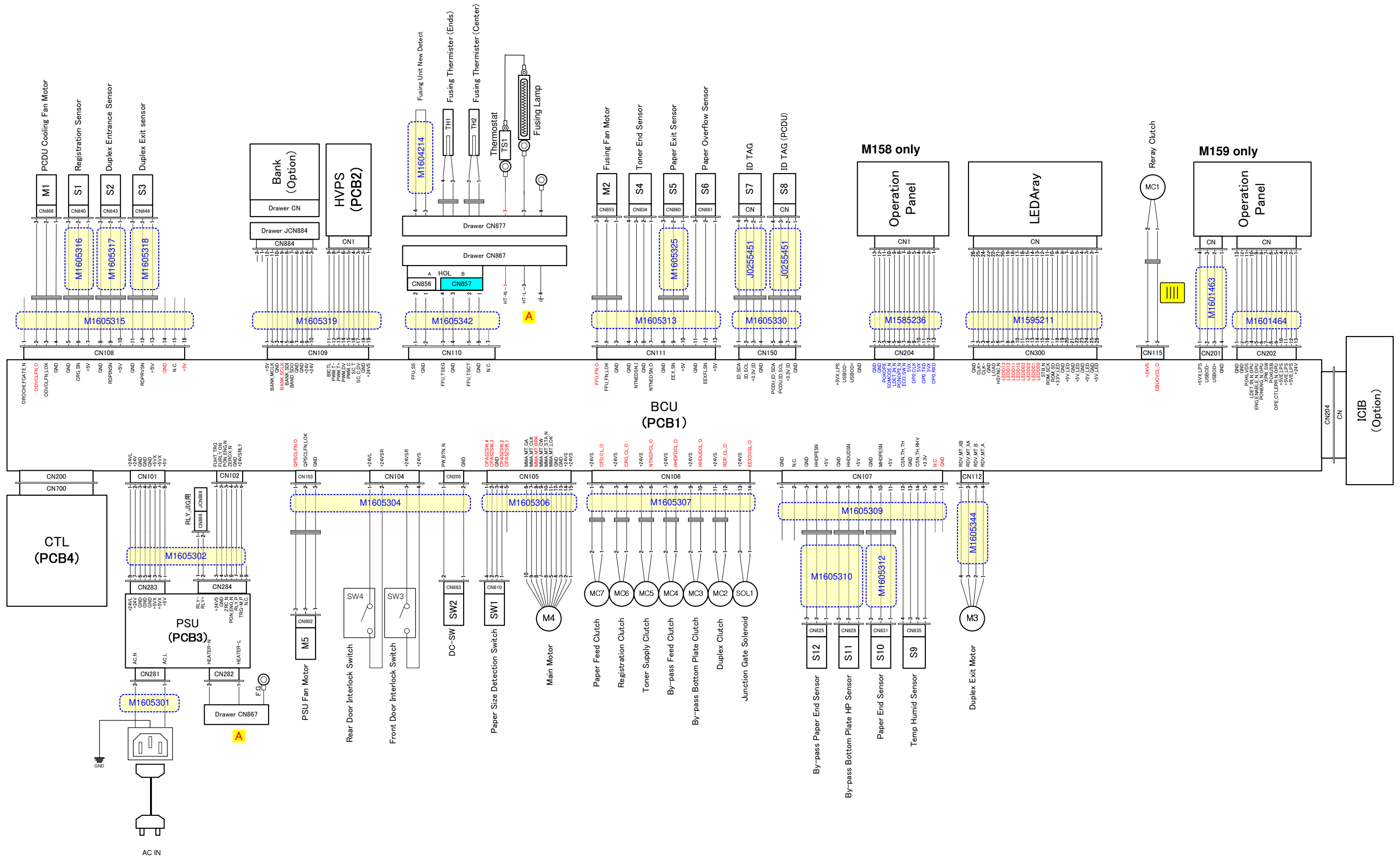
C

D

E

F

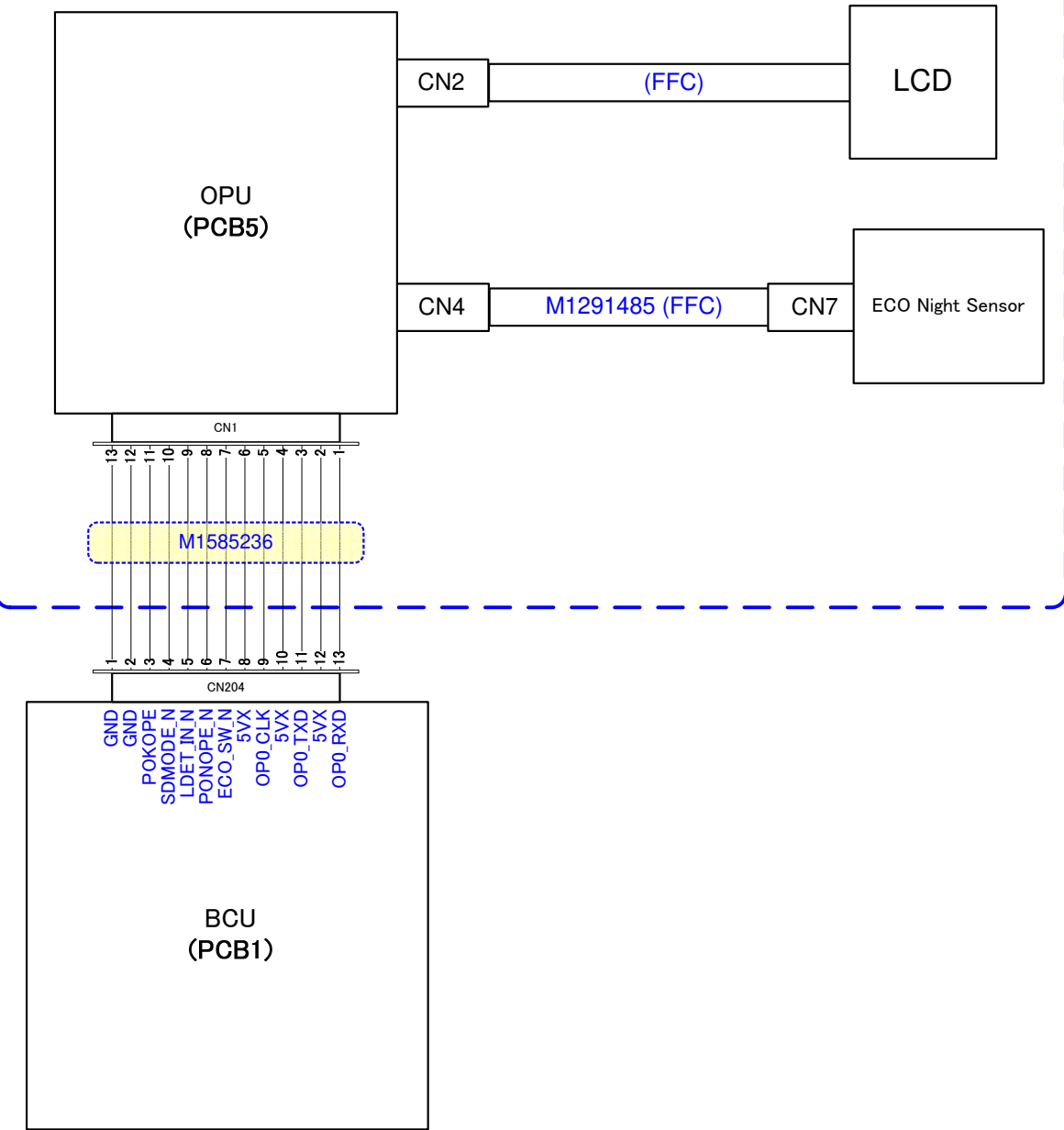
G



M158/M159 POINT TO POINT DIAGRAM (2 / 2)

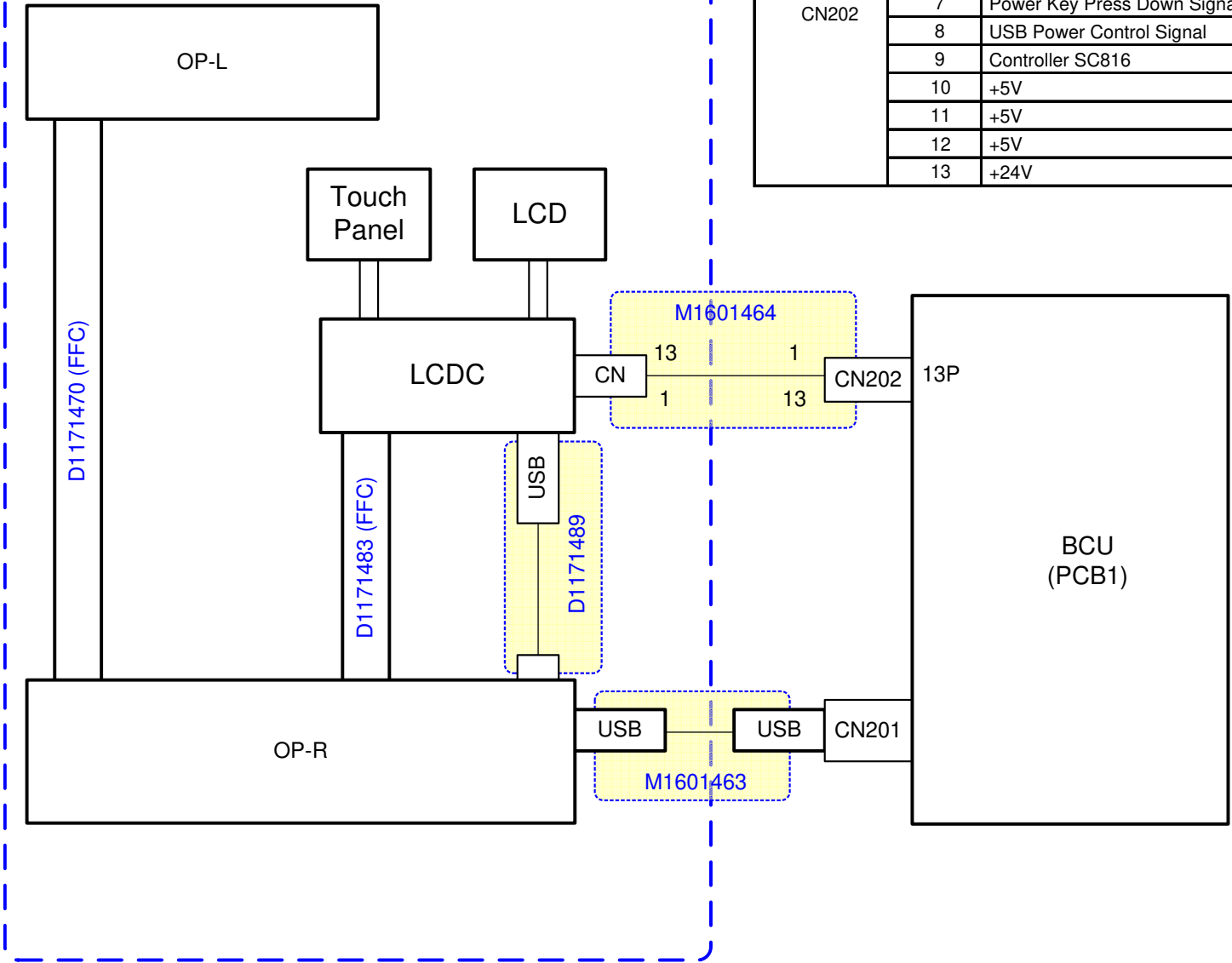
M158

Operation Panel



M159

Operation Panel



Destination	PIN No	Signal Name
BCU CN202	1	GND
	2	GND
	3	+5VE_LPS Power
	4	Write Detection Signal
	5	Energy Save Recovery Mode Signal
	6	Energy Save Recovery Signal
	7	Power Key Press Down Signal
	8	USB Power Control Signal
	9	Controller SC816
	10	+5V
	11	+5V
	12	+5V
	13	+24V

M158/M159 ELECTRICAL COMPONENT LAYOUT

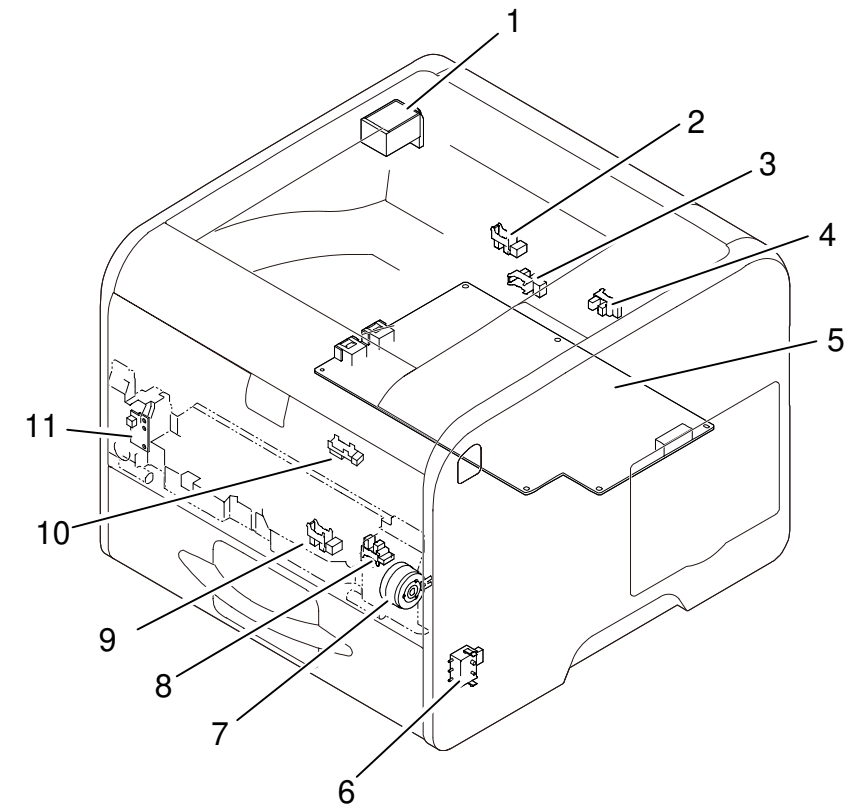


Fig. 1

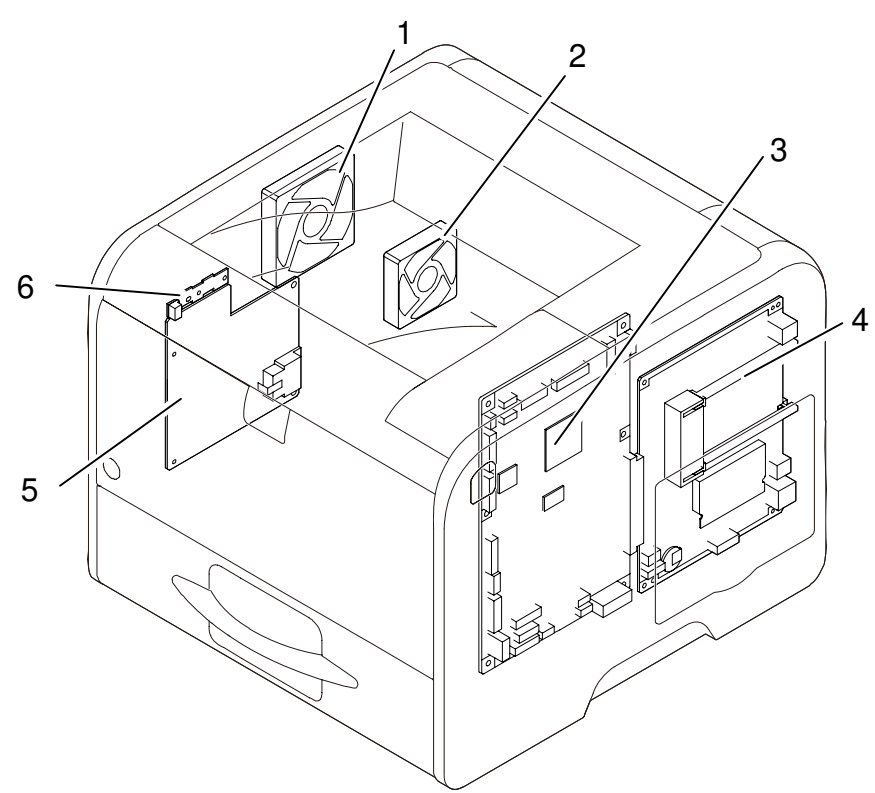


Fig. 2

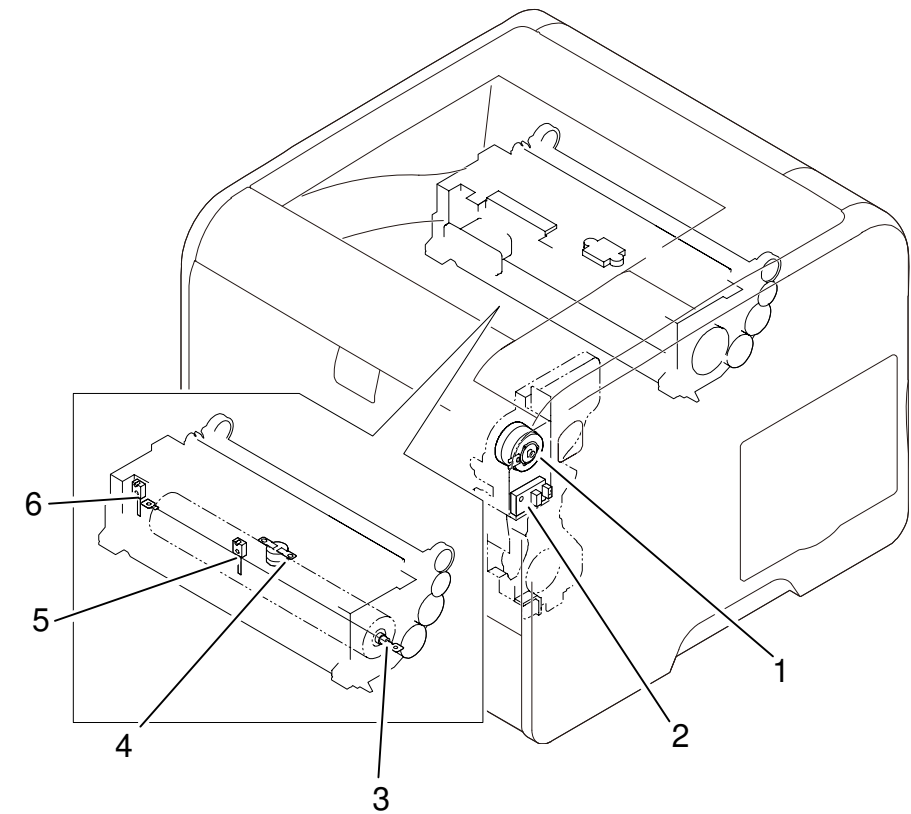


Fig. 3

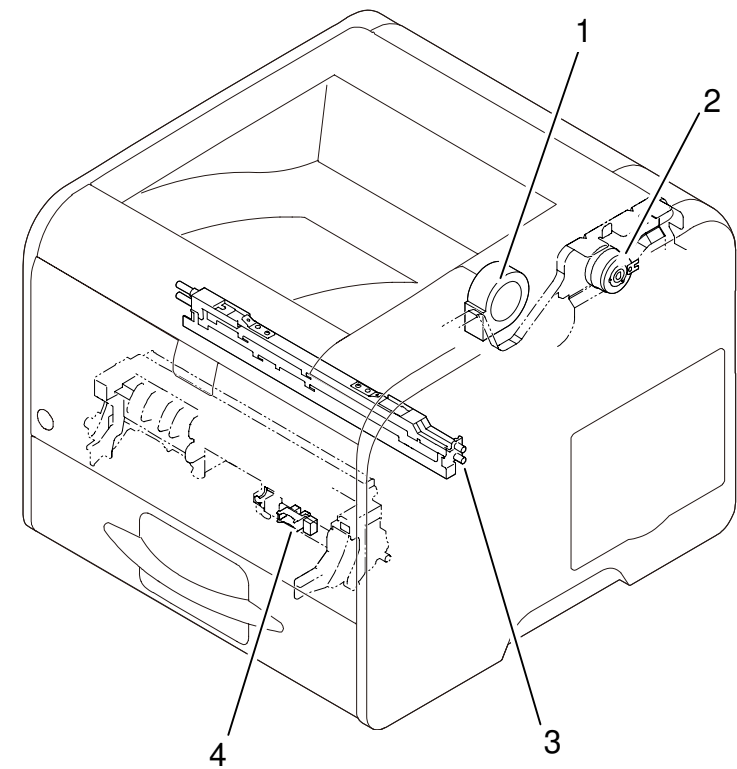


Fig. 4

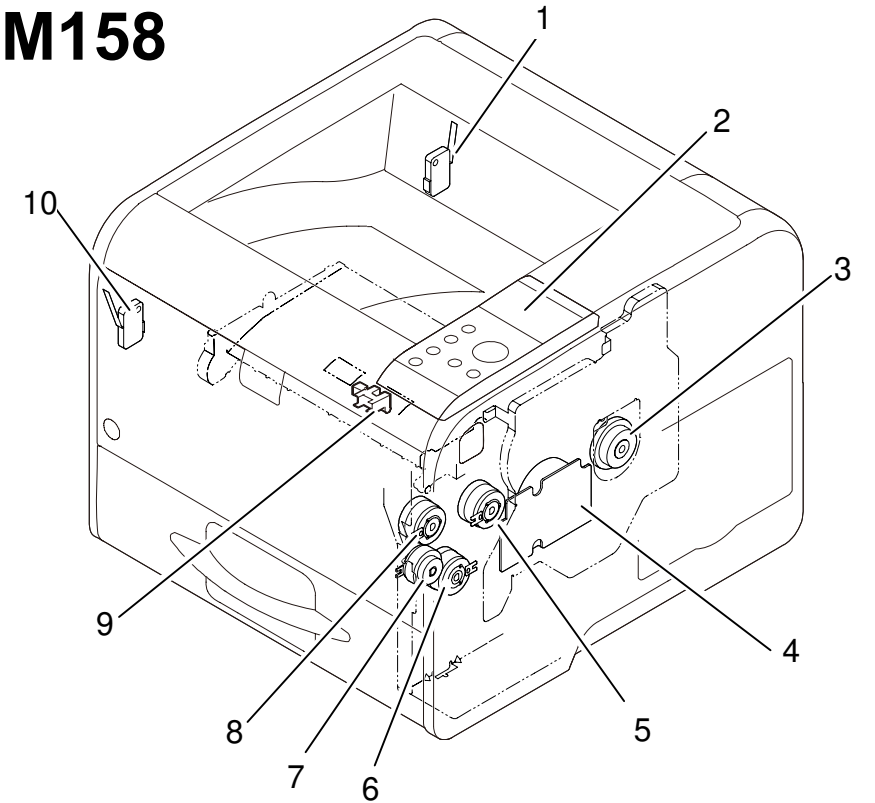
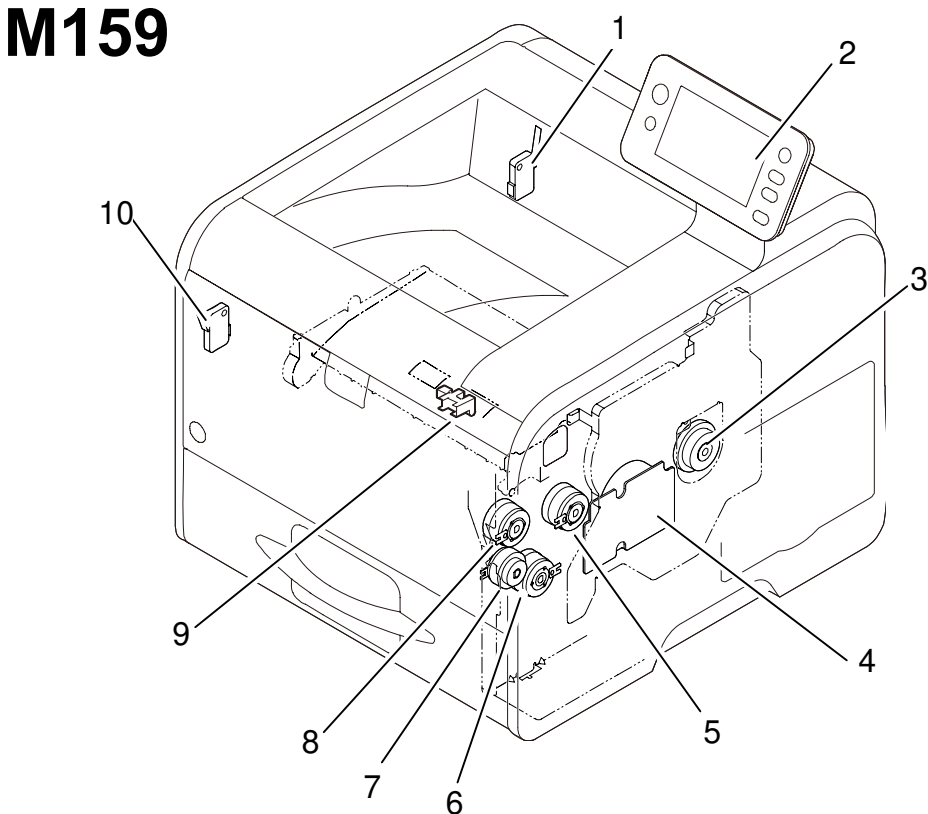


Fig. 5



M158/M159 ELECTRICAL COMPONENT LAYOUT

Symbol	Index No.	Description	P to P
Motors			
M1	Fig.4-1	PCDU Cooling Fan Motor	1-C1
M2	Fig.2-1	Fusing Fan Motor	1-C4
M3	Fig.4-2	Duplex Exit Motor	1-E8
M4	Fig.5-4	Main Motor	1-E4
M5	Fig.2-2	PSU Fan Motor	1-E3
Magnetic Clutchs			
MC1	Fig.5-7	Reray Clutch	1-B9
MC2	Fig.5-3	Duplex Clutch	1-E6
MC3	Fig.1-7	By-pass Bottom Plate Clutch	1-E6
MC4	Fig.5-8	By-pass Feed Clutch	1-E5
MC5	Fig.3-1	Toner Supply Clutch	1-E5
MC6	Fig.5-5	Registration Clutch	1-E5
MC7	Fig.5-6	Paper Feed Clutch	1-E5
Sensors			
S1	Fig.1-10	Registration Sensor	1-C1
S2	Fig.5-9	Duplex Entrance Sensor	1-C1
S3	Fig.1-2	Duplex Exit sensor	1-C2
S4	Fig.2-6	Toner End Sensor	1-C5
S5	Fig.1-3	Paper Exit Sensor	1-C5
S6	Fig.1-4	Paper Overflow Sensor	1-C5
S7	-	ID TAG	1-C5
S8	-	ID TAG (PCDU)	1-C6
S9	Fig.3-2	Temp Humid Sensor	1-E7
S10	Fig.4-4	Paper End Sensor	1-E7
S11	Fig.1-9	By-pass Bottom Plate HP Sensor	1-E7
S12	Fig.1-8	By-pass Paper End Sensor	1-E7
Switches			
SW1	Fig.1-6	Paper Size Detection Switch	1-E4
SW2	Fig.1-11	DC Switch	1-E4
SW3	Fig.5-10	Front Door Interlock Switch	1-E4
SW4	Fig.5-1	Rear Door Interlock Switch	1-E3
Solenoids			
SOL1	Fig.1-1	Junction Gate Solenoid	1-E6

[illegible]