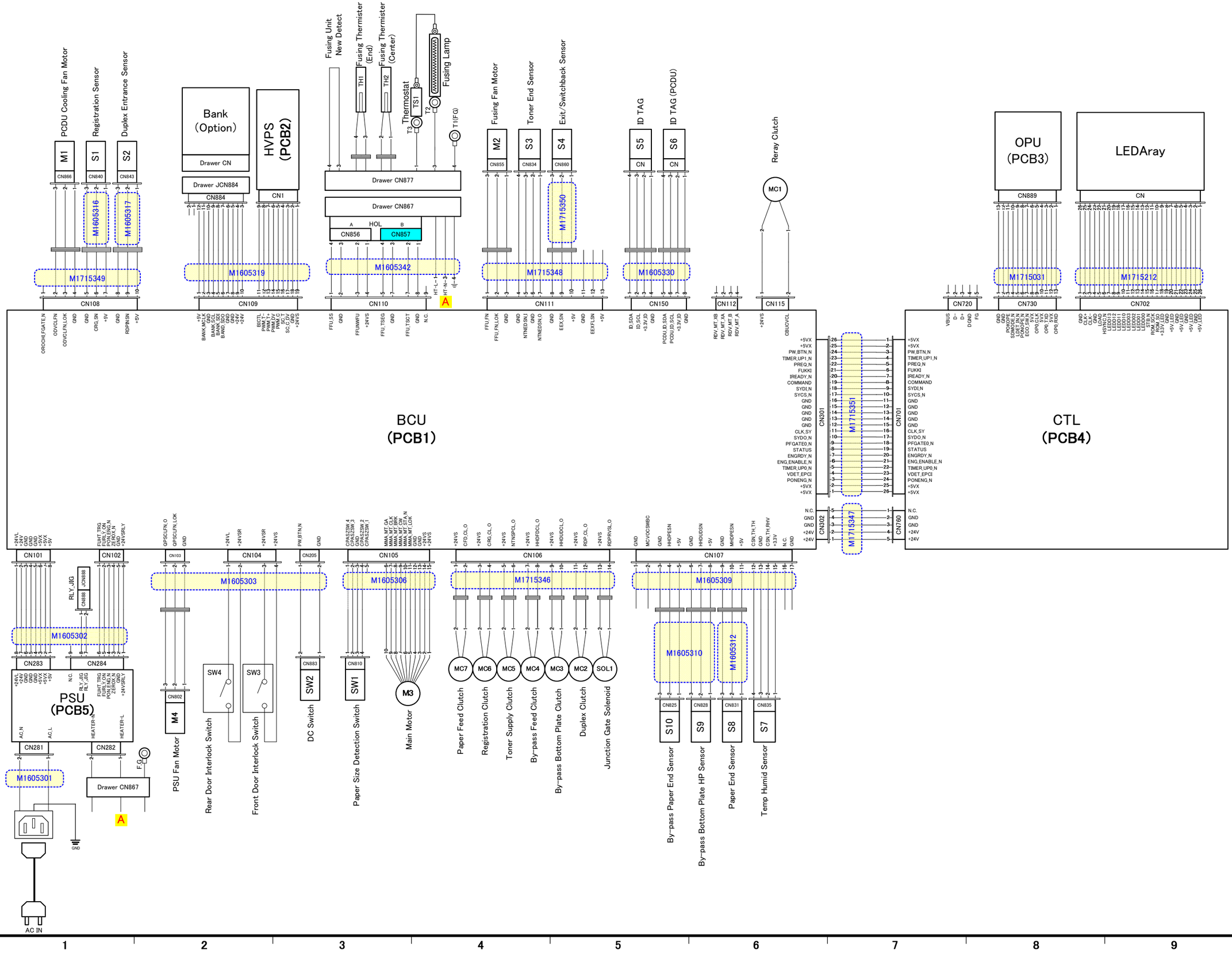
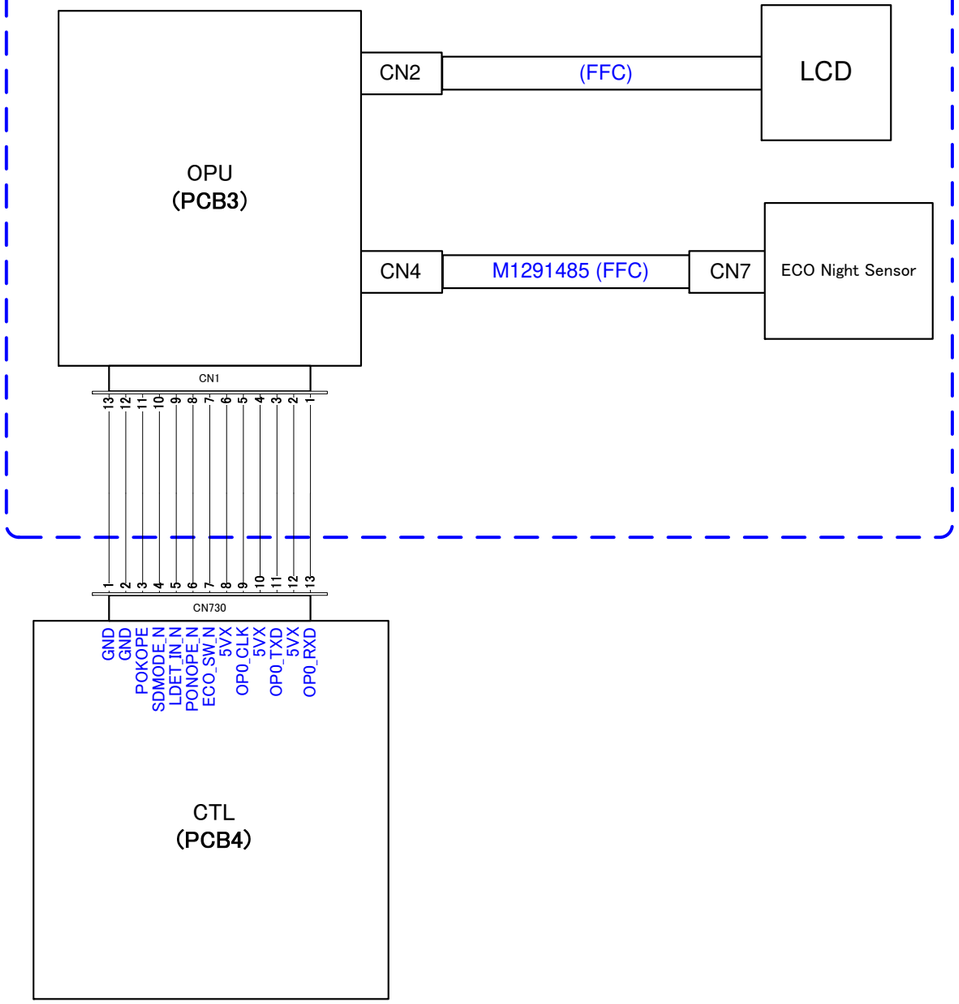
M171 POINT TO POINT DIAGRAM （1 / 2 ）



M171 POINT TO POINT DIAGRAM （2 / 2 ）

Operation Panel



M171 ELECTRICAL COMPONENT LAYOUT

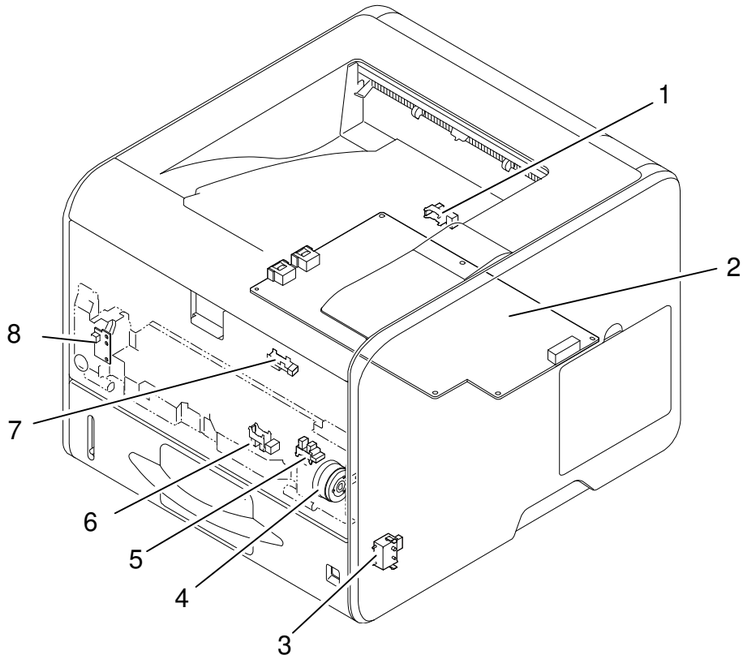


Fig. 1

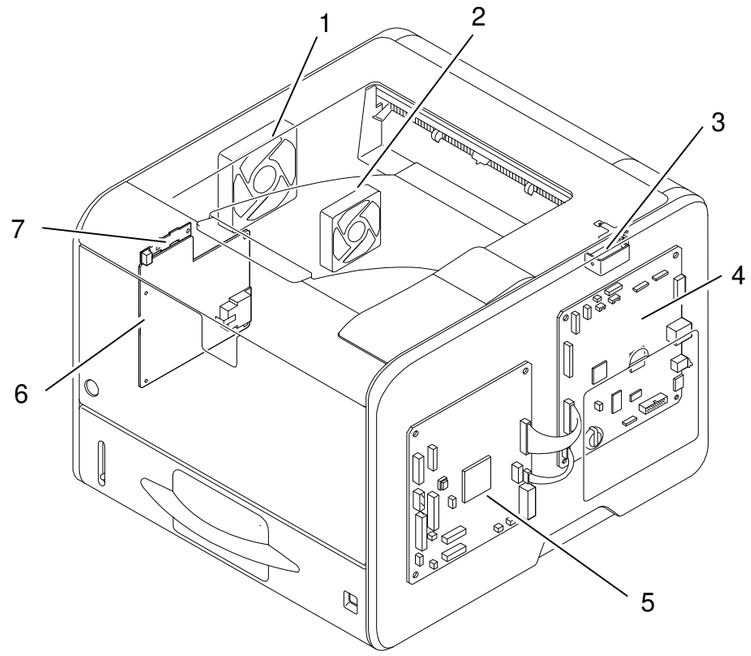


Fig. 2

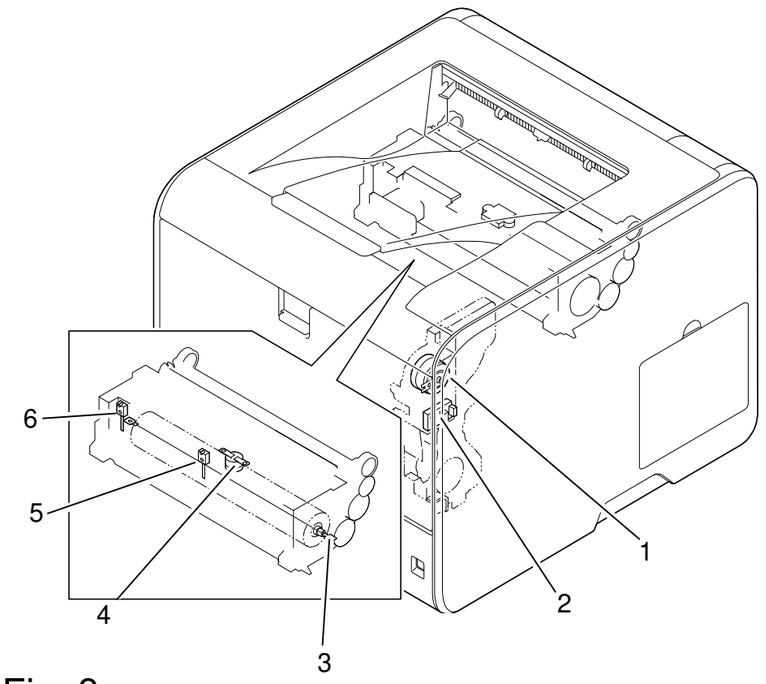


Fig. 3

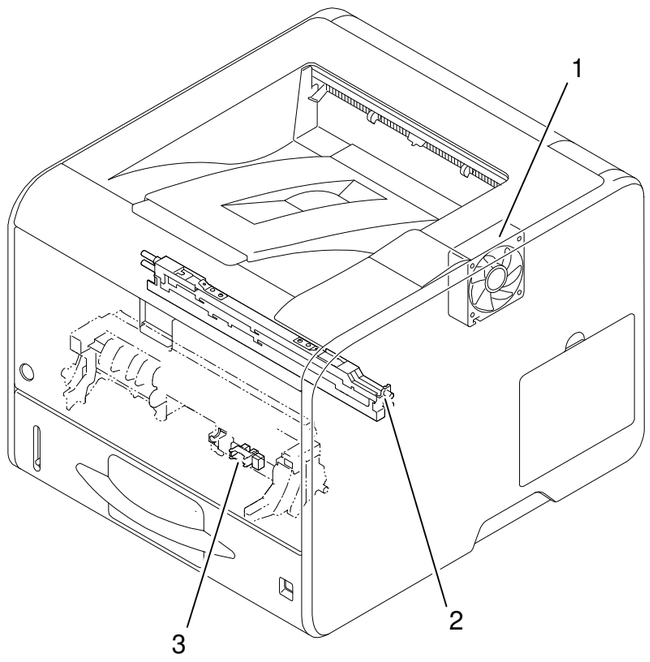


Fig. 4

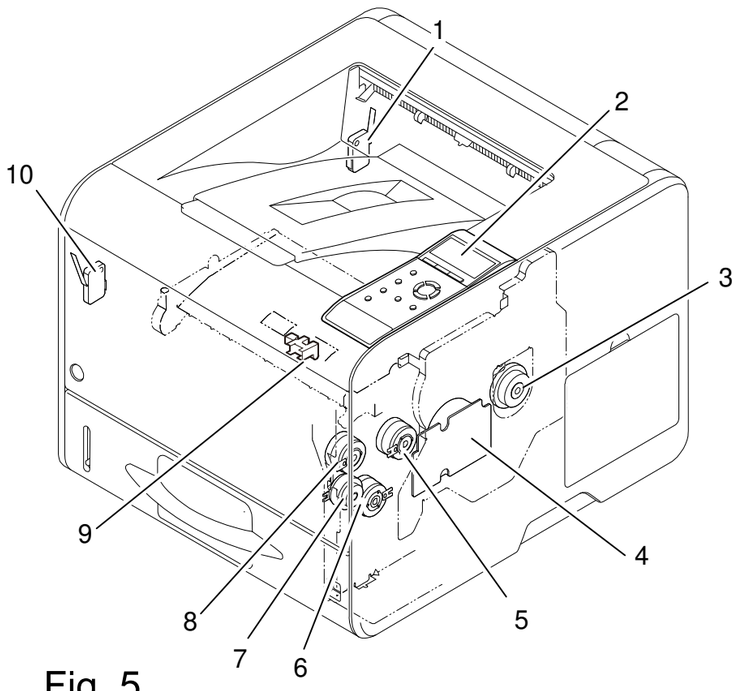


Fig. 5

M171 ELECTRICAL COMPONENT LAYOUT

Symbol	Index No.	Description	P to P
Motors			
M1	Fig.4-1	PCDU Cooling Fan Motor	1-B1
M2	Fig.2-1	Fusing Fan Motor	1-B4
M3	Fig.5-4	Main Motor	1-F3
M4	Fig.2-2	PSU Fan Motor	1-F2
Magnetic Clutchs			
MC1	Fig.5-7	Reray Clutch	1-B6
MC2	Fig.5-3	Duplex Clutch	1-F5
MC3	Fig.1-4	By-pass Bottom Plate Clutch	1-F5
MC4	Fig.5-8	By-pass Feed Clutch	1-F4
MC5	Fig.3-1	Toner Supply Clutch	1-F4
MC6	Fig.5-5	Registration Clutch	1-F4
MC7	Fig.5-6	Paper Feed Clutch	1-F4
Sensors			
S1	Fig.1-7	Registration Sensor	1-B1
S2	Fig.5-9	Duplex Entrance Sensor	1-B1
S3	Fig.2-7	Toner End Sensor	1-B4
S4	Fig.1-1	Exit/Switchback Sensor	1-B5
S5	-	ID TAG	1-B5
S6	-	ID TAG (PCDU)	1-B5
S7	Fig.3-2	Temp Humid Sensor	1-F6
S8	Fig.4-3	Paper End Sensor	1-F6
S9	Fig.1-6	By-pass Bottom Plate HP Sensor	1-F6
S10	Fig.1-5	By-pass Paper End Sensor	1-F5
Switches			
SW1	Fig.1-3	Paper Size Detection Switch	1-F3
SW2	Fig.1-8	DC Switch	1-F3
SW3	Fig.5-10	Front Door Interlock Switch	1-F2
SW4	Fig.5-1	Rear Door Interlock Switch	1-F2
Solenoids			
SOL1	Fig.2-3	Junction Gate Solenoid	1-F5

Symbol	Index No.	Description	P to P
PCBs			
PCB1	Fig.2-5	BCU	1-D3
PCB2	Fig.2-6	HVPS	1-B2
PCB3	-	OPU	1-B8, 2-C1
PCB4	Fig.2-4	CTL	1-D8
PCB5	Fig.1-2	PSU	1-F1
Thermistors			
TH1	Fig.3-6	Fusing Thermister (End)	1-B3
TH2	Fig.3-5	Fusing Thermister (Center)	1-B3
Thermostats			
TS1	Fig.3-4	Thermostat	1-B3
Lamps			
L1	Fig.3-3	Fusing Lamp	1-B4
Others			
-	Fig.5-2	Operation Panel	1-B8
-	Fig.4-2	LED Aray	1-B8
-			