

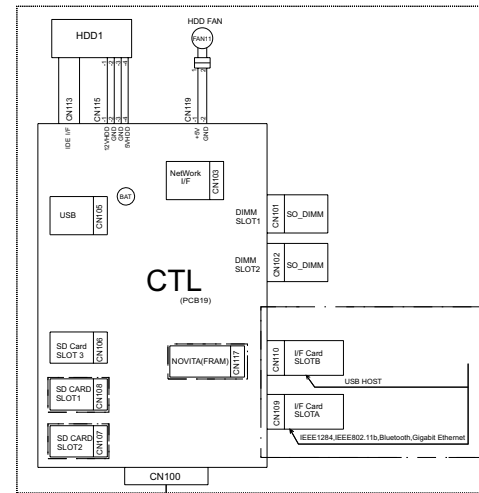
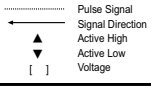
1



9

7EGB (PCB18)

<USB I/F>

[illegible]

G133 ELECTRICAL COMPONENT LAYOUT (1/2)

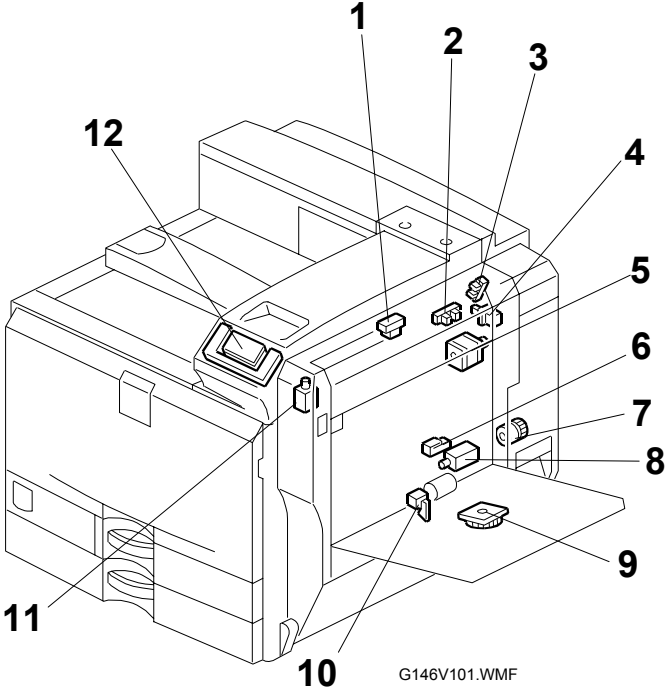


Fig-1

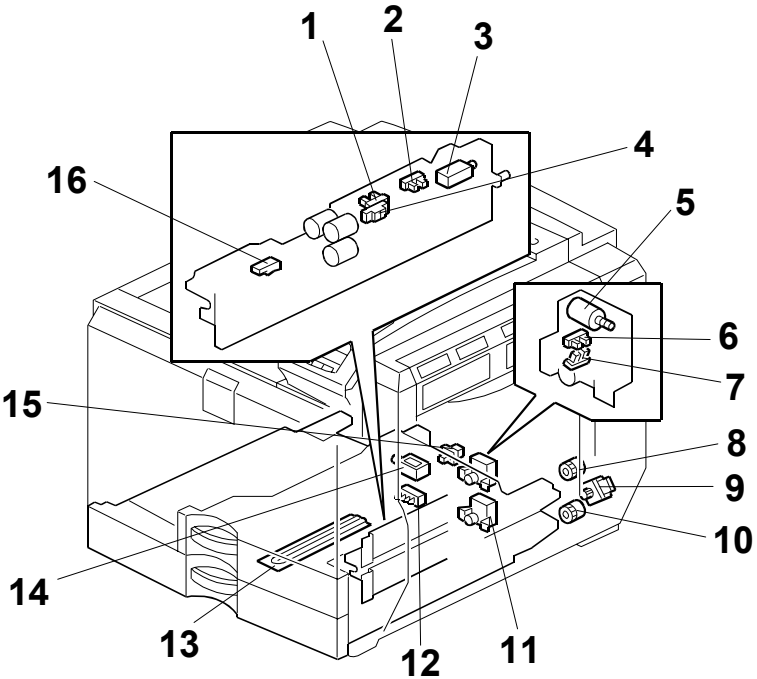


Fig-2

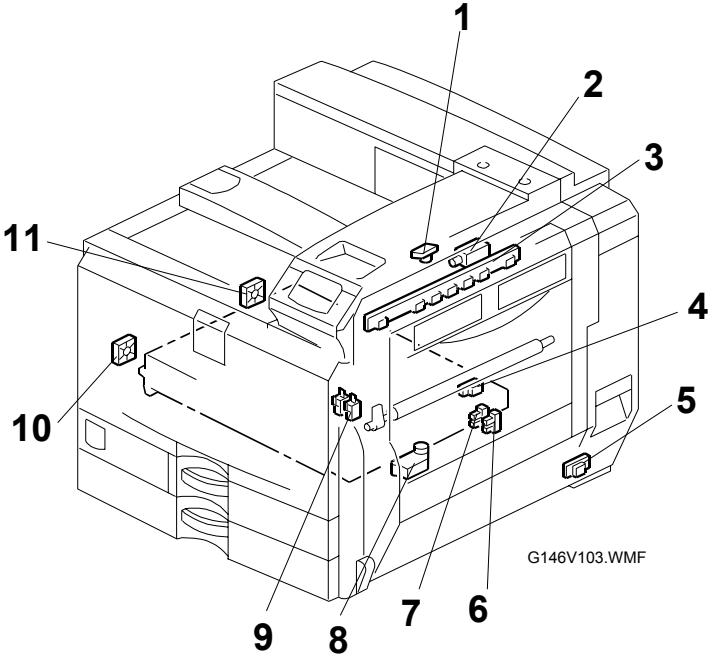


Fig-3

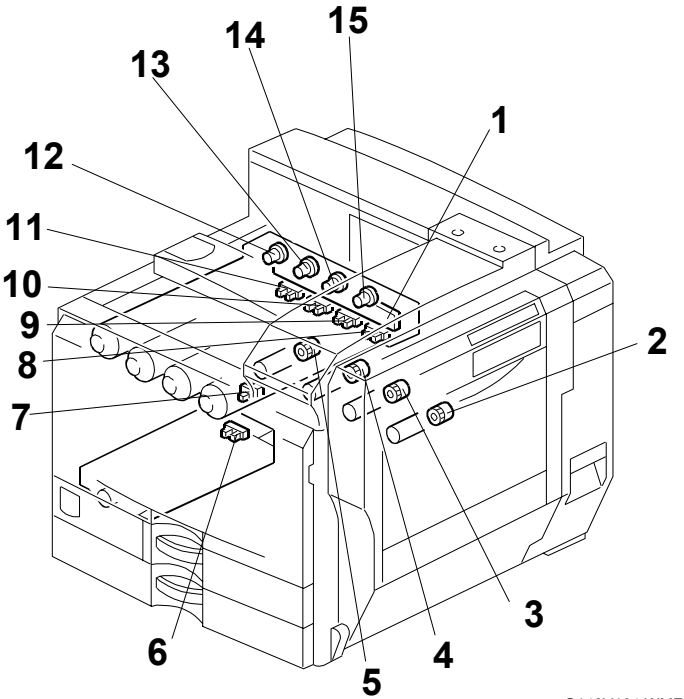


Fig-4

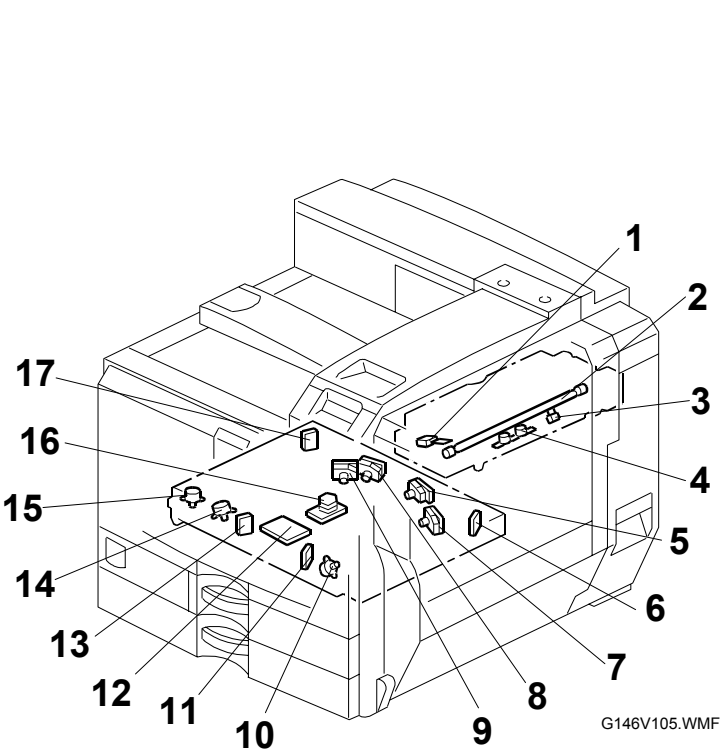


Fig-5

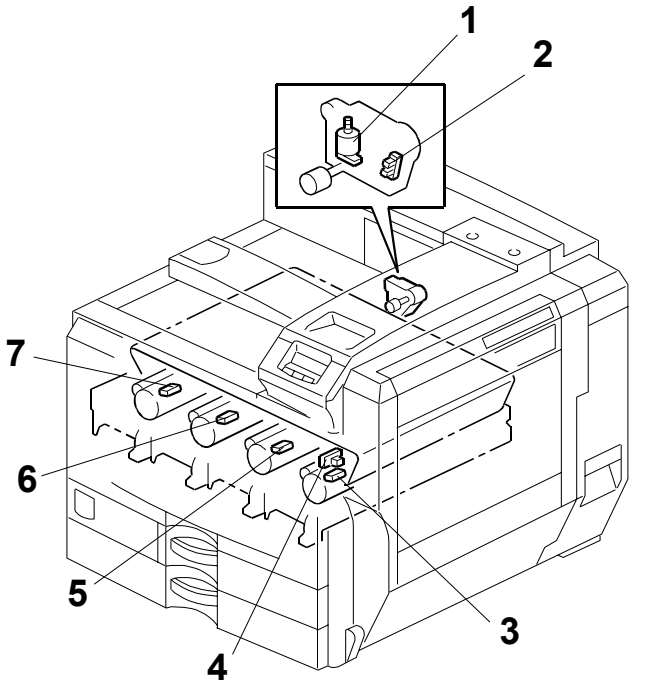


Fig-6

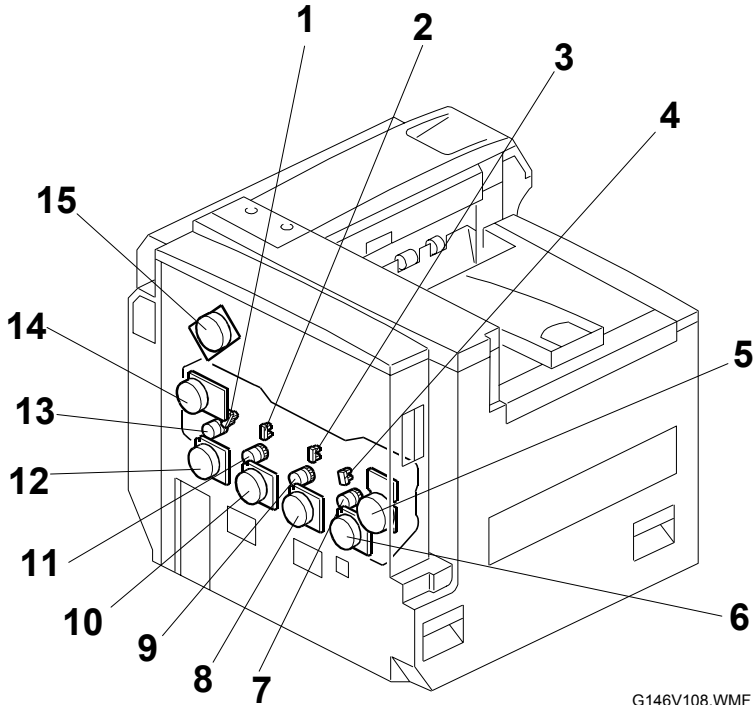


Fig-7

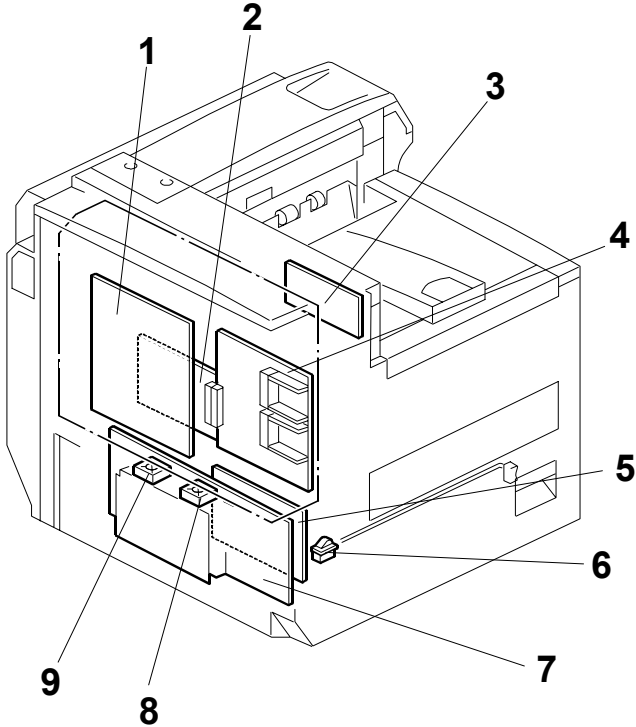


Fig-8

G133 ELECTRICAL COMPONENT LAYOUT (2/2)

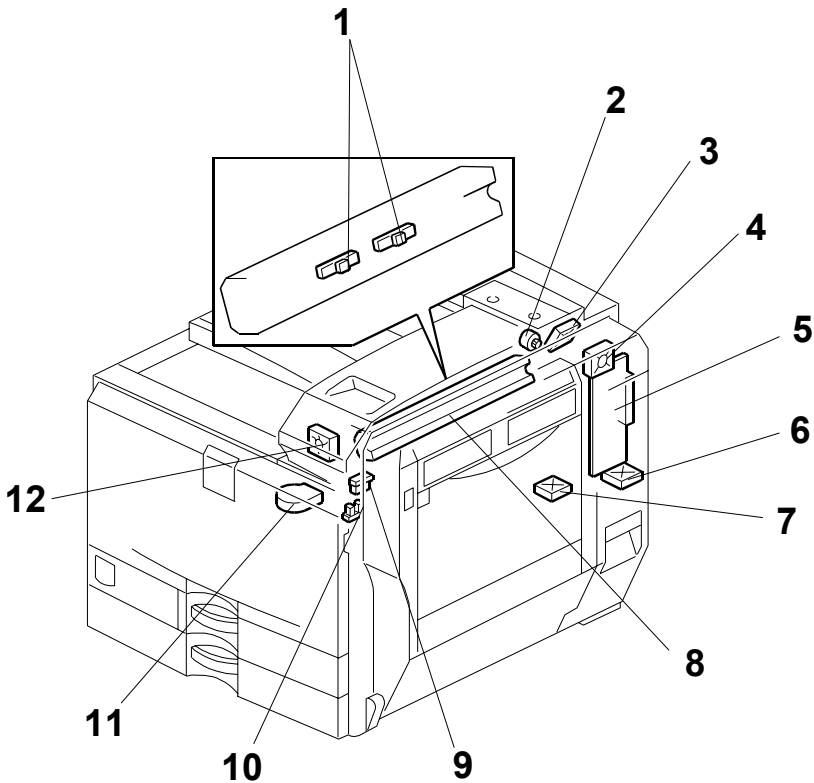


Fig-9

G146V110.WMF

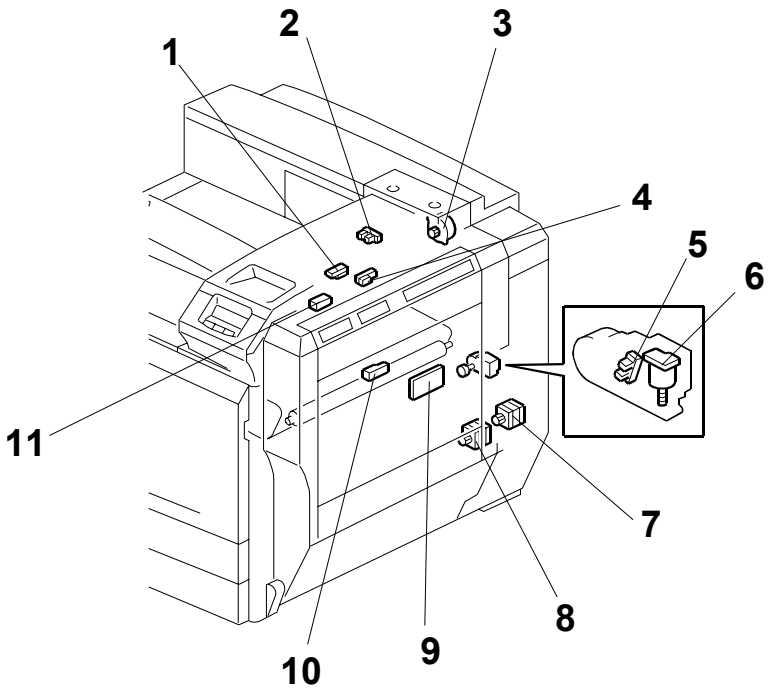


Fig-10

G146V111.WMF

Symbol	Index No.	Description	P to P
PCBs			
PCB1	8-3	ITB Power Supply Board	B4
PCB2	8-5	High Voltage Supply Board	B4
PCB3	8-1	IOB	G2
PCB4	4-1	RFID	I6
PCB5	8-7	PSU	F5
PCB6	9-5	IH Inverter Board	F4
PCB7	10-9	High Voltage Supply Board - Discharge Plate	C1
PCB8	5-5	LD Unit-K	A8
PCB9	5-7	LD Unit-M	B8
PCB10	5-8	LD Unit-C	B8
PCB11	5-9	LD Unit-Y	B8
PCB12	5-17	Laser Synchronizing Detector Board-YC-E	C8
PCB13	5-13	Laser Synchronizing Detector Board-YC-S	C8
PCB14	5-11	Laser Synchronizing Detector Board-MK-E	C8
PCB15	5-6	Laser Synchronizing Detector Board-MK-S	C8
PCB16	5-12	Polygon Motor Control Board	D9
PCB17	1-12	LCDC	D9
PCB18	8-2	EGB	C8
PCB19	8-4	CTL	F8
Heaters			
H1	2-13	Anti-condensation Heater - Standard Tray (Option)	D6
H2	2-13	Anti-condensation Heater - Option Tray (Option)	D6
H3	-	Anti-condensation Heater - Drum (Option)	D5

Symbol	Index No.	Description	P to P
Motors			
M1	3-8	Shutter	A2
M2	1-5	Duplex Inverter	C1
M3	10-3	Junction Gate1	D3
M4	10-6	Paper Transfer Roller Contact	D3
M5	6-1	Image Transfer Belt Contact	E3
M6	10-7	Duplex/By-pass	E1
M7	10-8	Registration	E1
M8	2-9	Paper Feed	E1
M9	2-5	Tray1 Lift	F1
M10	2-11	Tray2 Lift	F1
M11	9-2	Ferrite Roller	G4
M12	7-14	Image Transfer Belt Unit Drive	I5
M13	7-15	Fusing/Paper Exit	I4
M14	7-8	Drum/Development Motor:C	I3
M15	7-6	Drum/Development Motor:Y	I3
M16	7-12	Drum/Development Motor:K	I3
M17	7-10	Drum/Development Motor:M	I2
M18	7-5	Toner Transport	I2
M19	5-10	WTL Positioning Motor:M	C8
M20	5-14	WTL Positioning Motor:C	C8
M21	5-15	WTL Positioning Motor:Y	C8
M22	5-16	Polygon	D8
Clutches			
CL1	1-7	By-pass Feed	D1
CL2	2-8	Tray1 Paper Feed	D1
CL3	2-10	Tray2 Paper Feed	D1
CL4	4-2	Toner Supply Clutch:K	I6
CL5	4-3	Toner Supply Clutch:M	I6
CL6	4-4	Toner Supply Clutch:C	I6
CL7	4-5	Toner Supply Clutch:Y	I6
CL8	4-12	Toner Bottle Clutch - K	I6
CL9	4-15	Toner Bottle Clutch - M	I5
CL10	4-14	Toner Bottle Clutch - C	I5
CL11	4-13	Toner Bottle Clutch - Y	I5
CL12	7-13	Development Clutch:K	I4
CL13	7-11	Development Clutch:M	I4
CL14	7-9	Development Clutch:C	I4
CL15	7-7	Development Clutch:Y	I4
Solenoids			
SOL1	3-2	ID Sensor Shutter	C3
SOL2	1-11	Duplex Inverter	C1
SOL3	1-8	By-pass Pick-up	C1
SOL4	2-14	Tray Lock	F1
SOL5	2-3	Tray1 Pick-up	G1
SOL6	2-3	Tray2 Pick-up	G1
Switches			
SW1	8-6	Main	E5
SW2	3-9	Interlock	E5
SW3	1-4	Right Door Open	C1
SW4	4-7	Waste Toner Bottle Set	E1
SW5	2-15	Tray1 Set	F1
SW6	2-12	Tray2 Paper Size	F1
Lamps			
L1	5-2	Pressure Roller Fusing Lamp	F3

Symbol	Index No.	Description	P to P
Sensors			
S1	3-6	Shutter Position1	A2
S2	3-7	Shutter Position2	A2
S3	10-4	Junction Paper Jam	D3
S4	10-1	Paper Exit	D3
S5	10-11	Fusing Exit	D3
S6	10-2	Paper Overflow	D3
S7	9-9	Fusing Belt	D3
S8	9-10	Ferrite Roller HP	G3
S9	1-1	Duplex Entrance	C1
S10	1-6	Duplex Exit	C1
S11	1-10	By-pass Paper detection	C1
S12	10-10	Fusing Entrance	D1
S13	1-2	Duplex Door	D1
S14	1-3	Junction Gate1 HP	D1
S15	1-9	By-pass Paper Size	D1
S16	3-5	Temperature/Humidity	D1
S17	3-4	Registration	E1
S18	4-6	Waste Toner	E1
S19	2-6	Tray1 Paper Height Sensor1	F1
S20	2-7	Tray1 Paper Height Sensor2	F1
S21	2-11	Tray2 Paper Height Sensor1	F1
S22	2-11	Tray2 Paper Height Sensor2	F1
S23	2-16	Tray1 Paper Feed	G1
S24	2-4	Tray1 Vertical Transport	G1
S25	2-1	Tray1 Paper End	G1
S26	2-2	Tray1 Paper Lift	G1
S27	2-16	Tray2 Paper feed	G1
S28	2-4	Tray2 Vertical Transport	G1
S29	2-1	Tray2 Paper End	G1
S30	2-2	Tray2 Paper Lift	G1
S31	4-10	Toner End Sensor:Y	I5
S32	4-8	Toner End Sensor:C	I5
S33	4-9	Toner End Sensor:M	I5
S34	4-11	Toner End Sensor:K	I5
S35	7-1	Drum Gear Position Sensor:K	I4
S36	7-2	Drum Gear Position Sensor:M	I4
S37	7-3	Drum Gear Position Sensor:C	I4
S38	7-4	Drum Gear Position Sensor:Y	I4
S39	3-3	ID Sensor	C3
S40	10-5	Paper Transfer Roller Contact	D3
S41	6-2	Image Transfer Belt Contact	E3
S42	3-1	Thermopile	E3
S43	6-3	TD Sensor:K	G3
S44	6-5	TD Sensor:M	G3
S45	6-6	TD Sensor:C	G3
S46	6-7	TD Sensor:Y	G3
S47	6-4	Image Transfer Belt Rotation	C5
FANs			
FAN1	3-10	Ventilation Fan - Front	A3
FAN2	3-11	Ventilation Fan - Rear	A3
FAN3	9-3	Second Duct	A2
FAN4	9-7	Third Duct	A2
FAN5	9-12	Paper Exit	A2
FAN6	9-11	IH Coil	D3
FAN7	9-4	Fusing	D3
FAN8	9-6	IH Inverter	G4
FAN9	8-9	PSU FAN1	F5
FAN10	8-8	PSU FAN2	F5
FAN11	-	HDD	F9
Others			
TS1	5-4	Thermostat - Pressure Roller	F3
TS2	5-4	Thermostat - Pressure Roller	F3
TS3	9-1	Thermostat - IH	F4
TS4	9-1	Thermostat - IH	F4
TH1	5-3	Thermistor - Pressure Roller	E3
TH2	5-1	Thermistor - Heating Roller	E3
HDD1	-	HDD1	F9
-	9-8	IH Coil Unit	F4