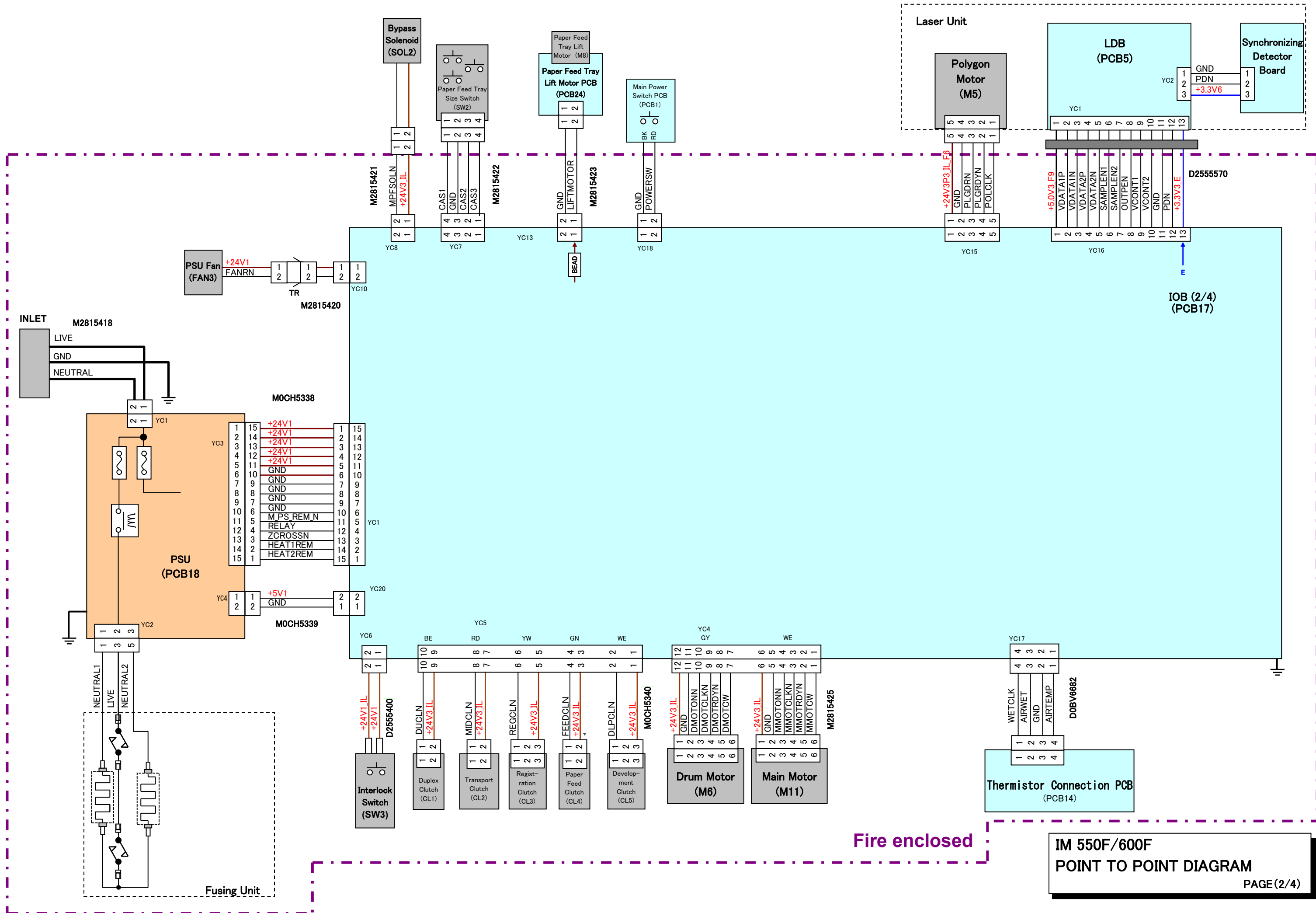
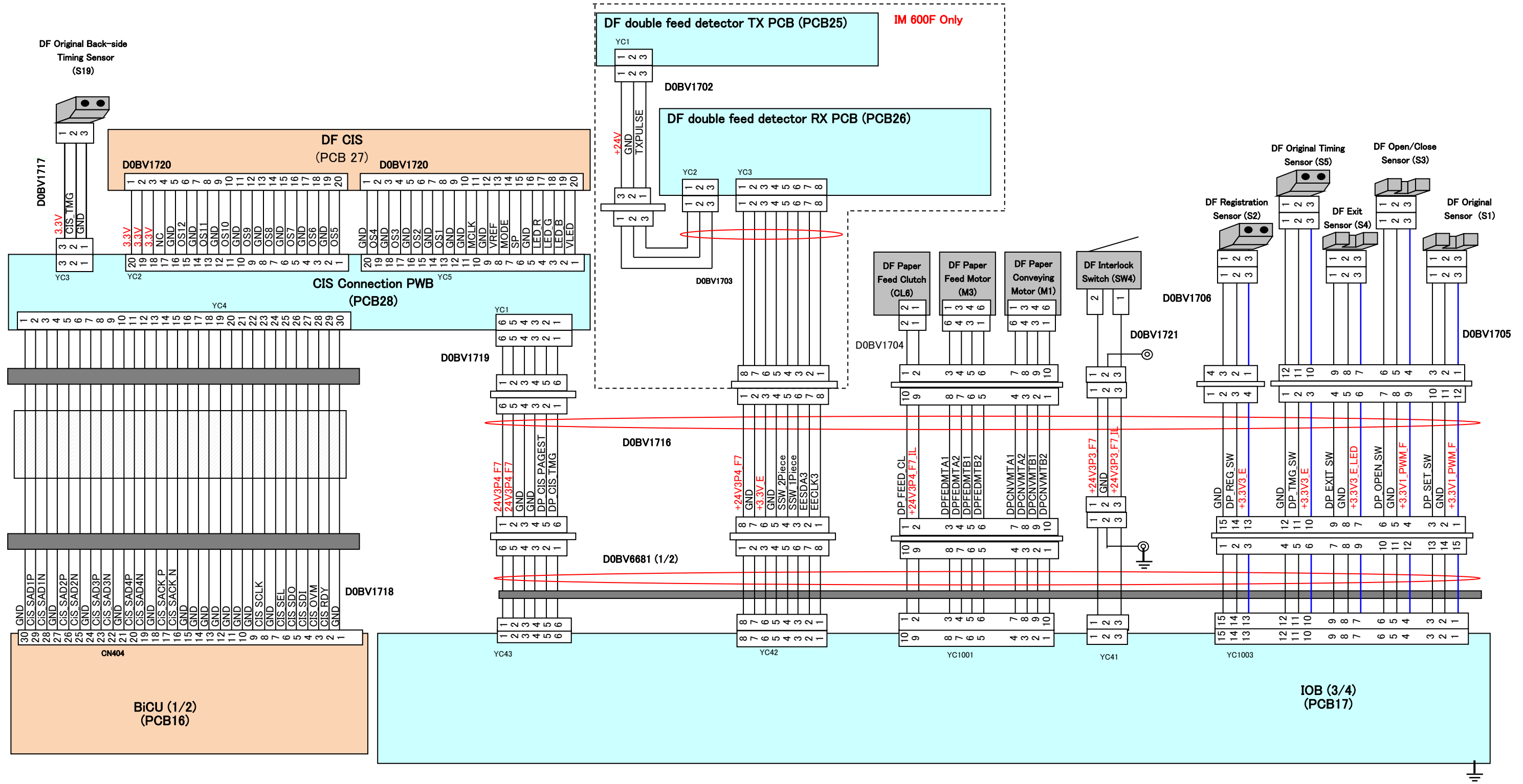
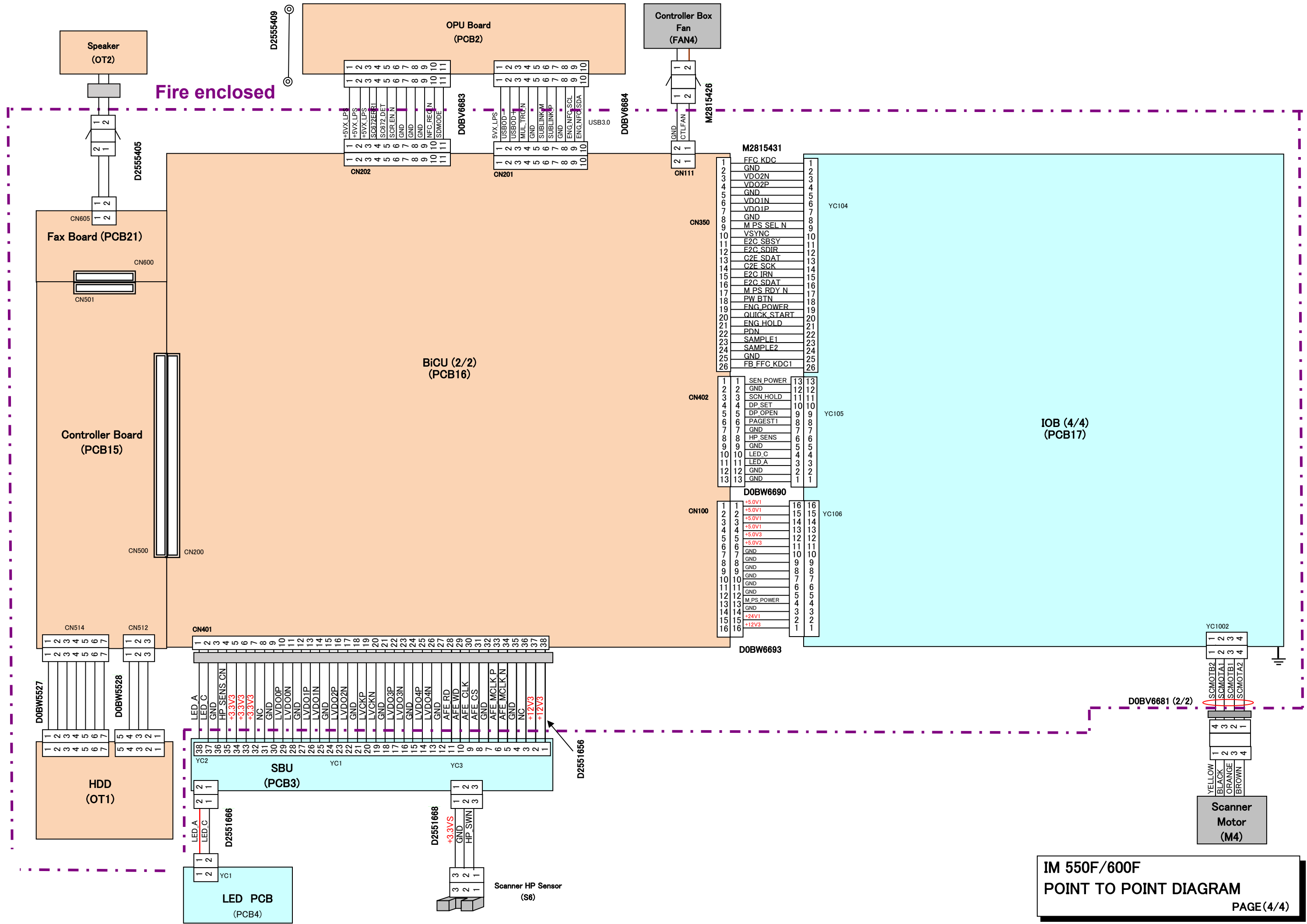


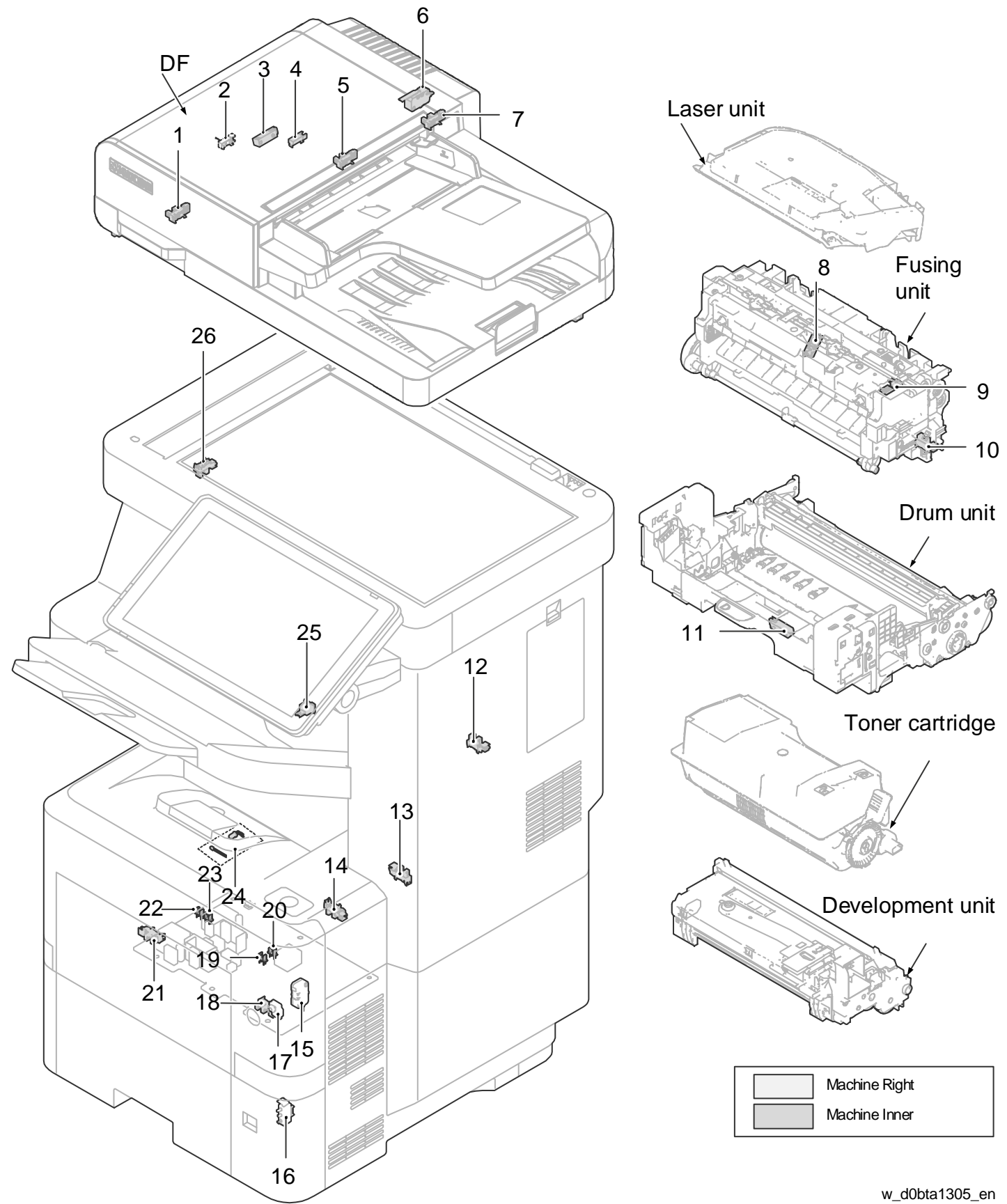
IM 550F/600F
 POINT TO POINT DIAGRAM
 PAGE (1/4)







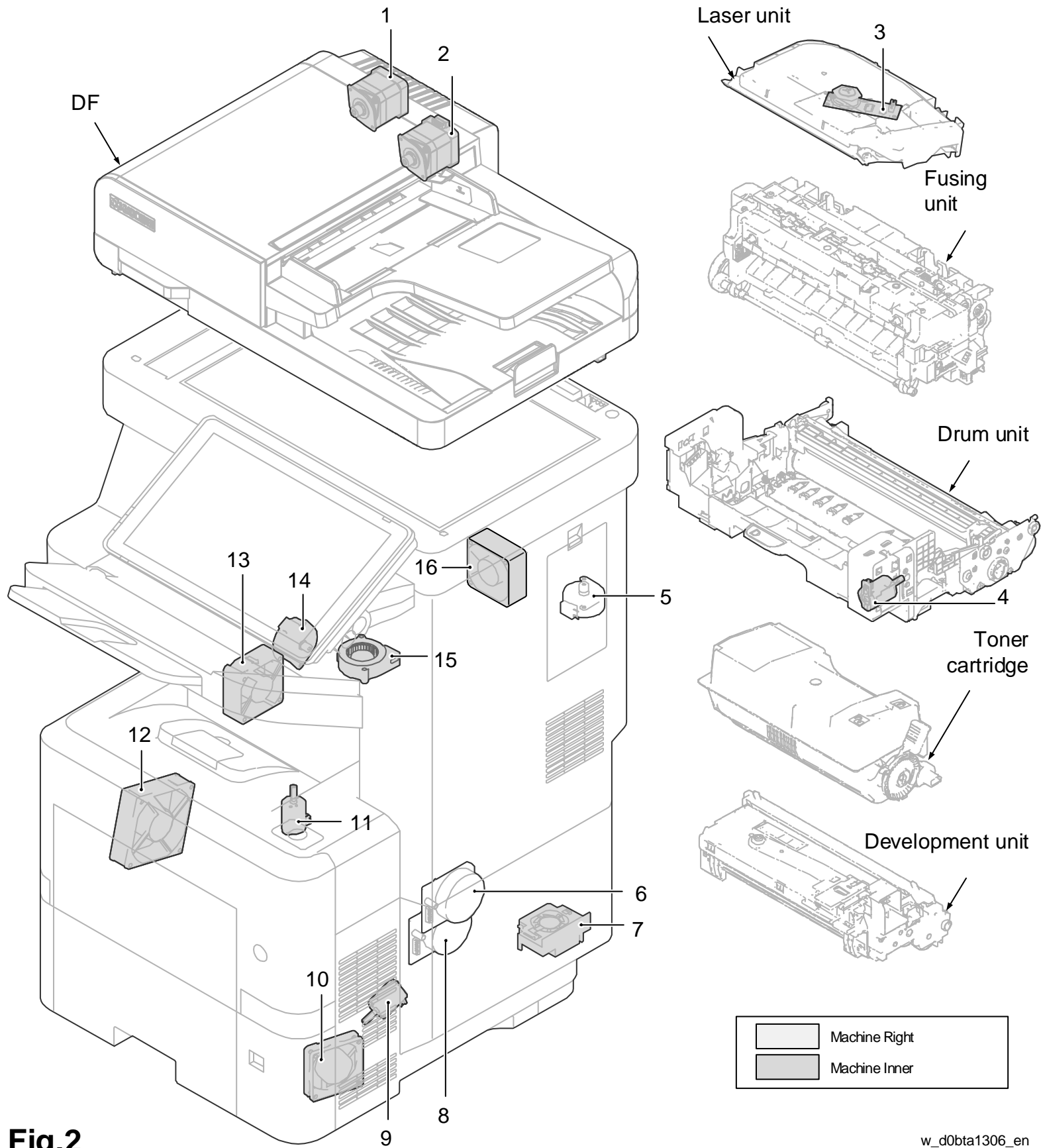
IM 550F/600F Component Layout (1/4)



Symbol	Layout	Part Name
Sensors		
S1	Fig.1-7	DF Original Sensor
S2	Fig.1-3	DF Registration Sensor
S3	Fig.1-1	DF Open/Close Sensor
S4	Fig.1-5	DF Exit Sensor
S5	Fig.1-2	DF Original Timing Sensor
S6	Fig.1-26	Scanner HP Sensor
S7	Fig.1-18	Paper Feed Tray Limit Sensor
S8	Fig.1-12	Paper Exit Full Sensor
S9	Fig.1-21	Bypass Paper End Sensor
S10	Fig.1-14	Envelope Sensor
S11	Fig.1-23	Paper End Sensor 1
S12	Fig.1-22	Paper End Sensor 2
S13	Fig.1-11	Registration Sensor 1
S14	Fig.1-19	Registration Sensor 2
S15	Fig.1-10	Fusing Sensor
S16	Fig.1-13	Duplex Sensor 1
S17	Fig.1-20	Duplex Sensor 2
S18	Fig.1-24	Waste Toner Full Sensor
S19	Fig.1-4	DF Original Back-side Timing Sensor
Switches		
SW1	Fig.1-25	Rear Cover Switch
SW2	Fig.1-16	Paper Feed Tray Size Switch
SW3	Fig.1-15	Interlock Switch
SW4	Fig.1-6	DF Interlock Switch
Thermostats		
TS1	Fig.1-9	Fusing Thermistor 1 (End)
TS2	Fig.1-8	Fusing Thermistor 2 (Center)
PCB		
PCB1	Fig.1-17	Main Power Switch PCB

Fig.1

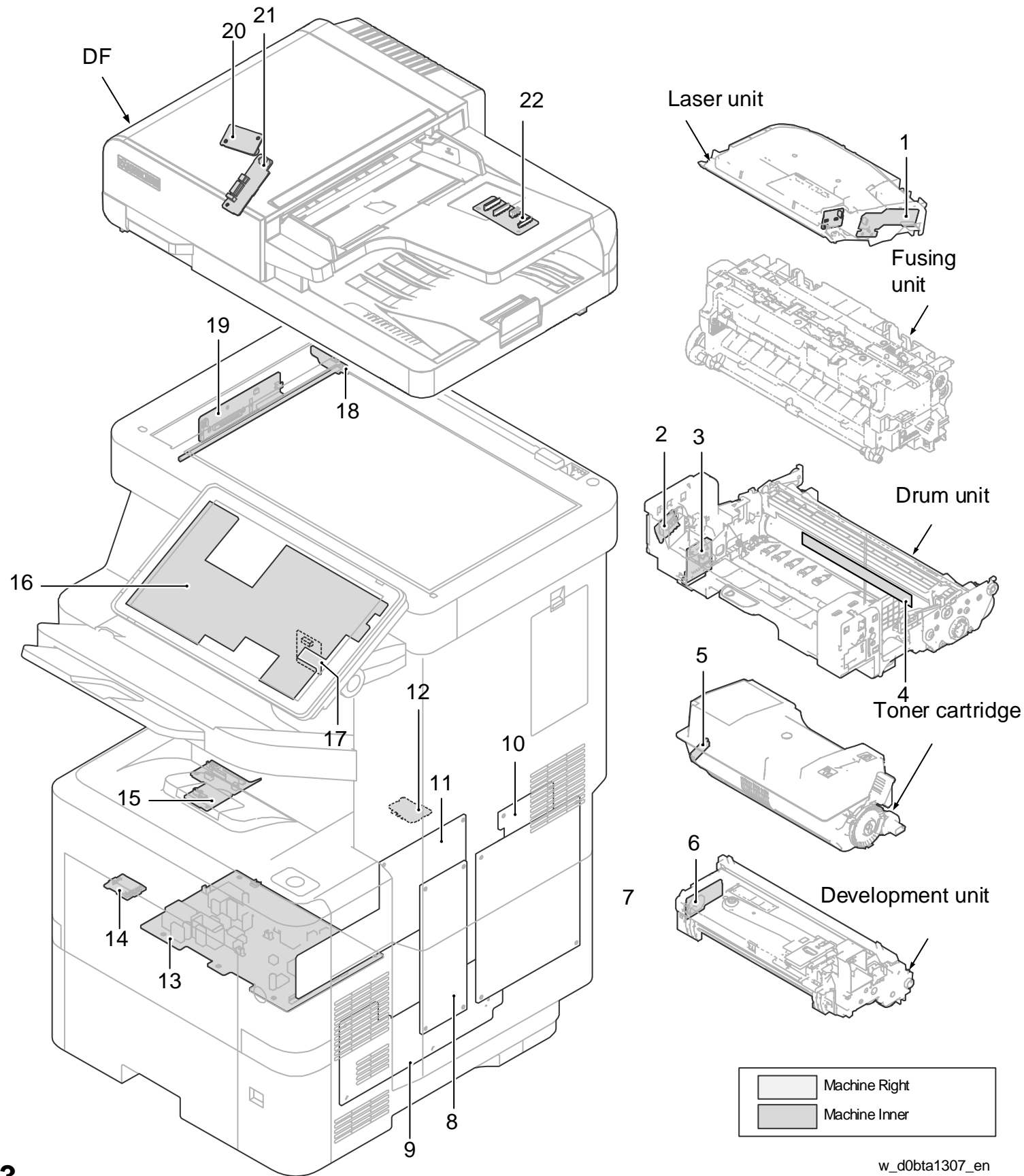
IM 550F/600F Component Layout (2/4)



Symbol	Layout	Part Name
Motors		
M1	Fig.2-2	DF Paper Conveying Motor
M3	Fig.2-1	DF Paper Feed Motor
M4	Fig.2-5	Scanner Motor
M5	Fig.2-3	Polygon Motor
M6	Fig.2-6	Drum Motor
M7	Fig.2-4	Toner Supply Motor
M8	Fig.2-9	Paper Feed Tray Lift Motor
M9	Fig.2-11	Fusing Pressure Release Motor
M10	Fig.2-14	Paper Exit Motor
M11	Fig.2-8	Main Motor
Fan Motors		
FAN1	Fig.2-13	Laser Fan
FAN2	Fig.2-12	Development Fan
FAN3	Fig.2-10	PSU Fan
FAN4	Fig.2-7	Controller Box Fan
FAN5	Fig.2-16	Smell Reduction Fan
FAN6	Fig.2-15	Center Fan

Fig.2

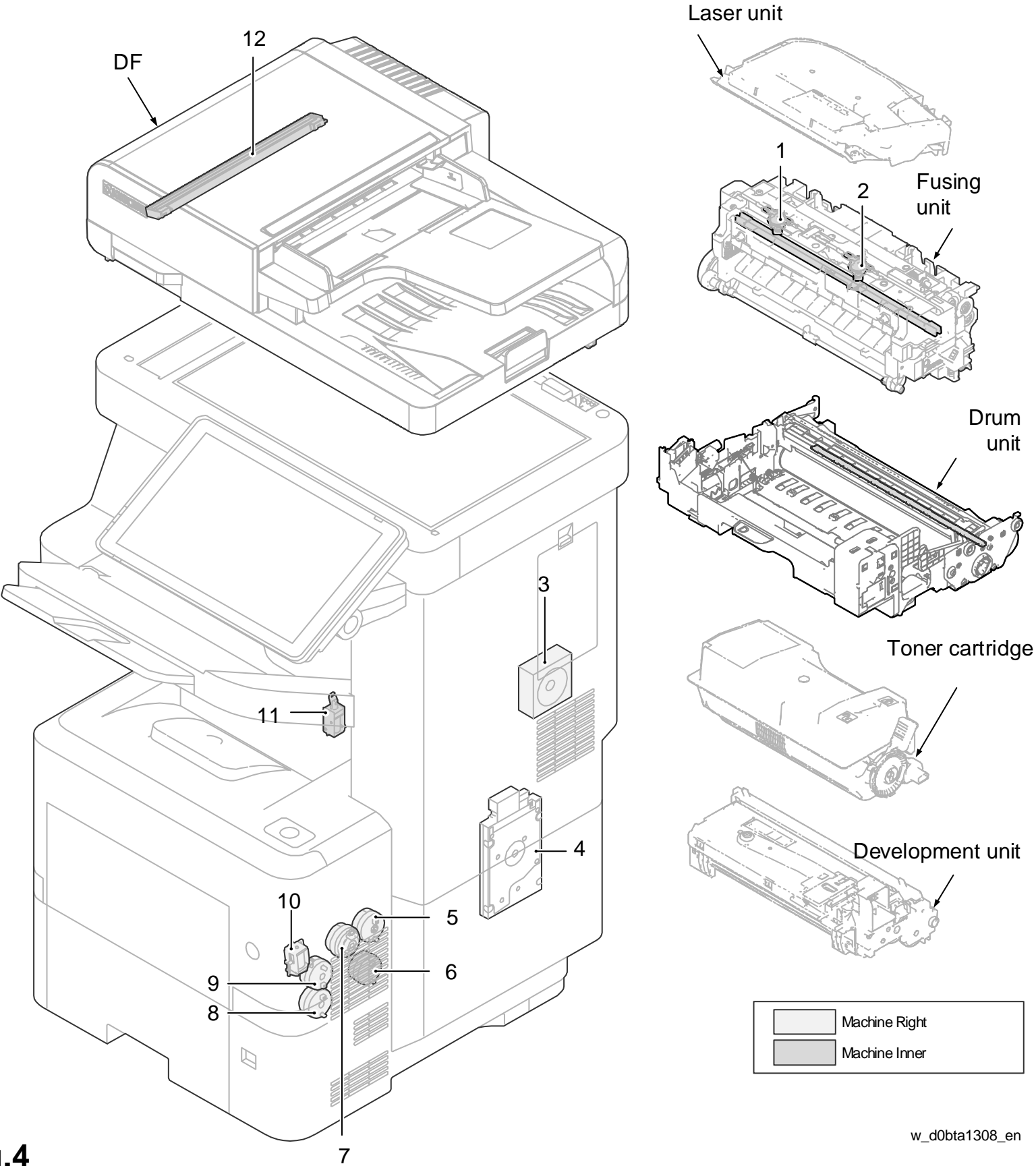
IM 550F/600F Component Layout (3/4)



Symbol	Layout	Part Name
PCBs		
PCB2	Fig.3-16	OPU Board
PCB3	Fig.3-19	SBU
PCB4	Fig.3-18	LED PCB
PCB5	Fig.3-1	LDB
PCB6	Fig.3-5	Toner Cartridge PCB
PCB7	Fig.3-2	Toner Cartridge Connection PCB
PCB8	Fig.3-6	Toner Density Sensor PCB
PCB9	-	Eraser PCB
PCB10	Fig.3-3	Drum PCB
PCB11	Fig.3-14	Drum Connection PCB
PCB12	Fig.3-4	Drum Heater PCB (Asia Only)
PCB13	Fig.3-12	Thermostat Connection PCB
PCB14	Fig.3-17	Thermistor Connection PCB
PCB15	Fig.3-7	Controller Board
PCB16	Fig.3-8	BiCU
PCB17	Fig.3-11	IOB
PCB18	Fig.3-9	PSU
PCB19	Fig.3-13	Power Pack
PCB20	Fig.3-15	Connect-Left PCB
PCB21	Fig.3-10	Fax Board
PCB22	-	Toner Motor PCB
PCB23	-	Fusing Pressure Release Motor PCB
PCB24	-	Paper Feed Tray Lift Motor PCB
PCB25	Fig.3-20	DF double feed detector TX PCB
PCB26	Fig.3-21	DF double feed detector RX PCB
PCB28	Fig.3-22	CIS Connection PCB

Fig.3

IM 550F/600F Component Layout (4/4)



Symbol	Layout	Part Name
Clutches		
CL1	Fig.4-6	Duplex Clutch
CL2	Fig.4-9	Transport Clutch
CL3	Fig.4-7	Registration Clutch
CL4	Fig.4-8	Paper Feed Clutch
CL5	Fig.4-5	Development Clutch
CL6	-	DF Paper Feed Clutch
Solenoids		
SOL1	Fig.4-11	Inverter Solenoid
SOL2	Fig.4-10	Bypass Solenoid
Thermostats		
TS1	Fig.4-1	Fusing Thermostat 1 (End)
TS2	Fig.4-2	Fusing Thermostat 2 (Center)
Others		
OT1	Fig.4-3	Speaker
OT2	Fig.4-4	HDD
PCBs		
PCB27	Fig.4-12	DF CIS

Fig.4