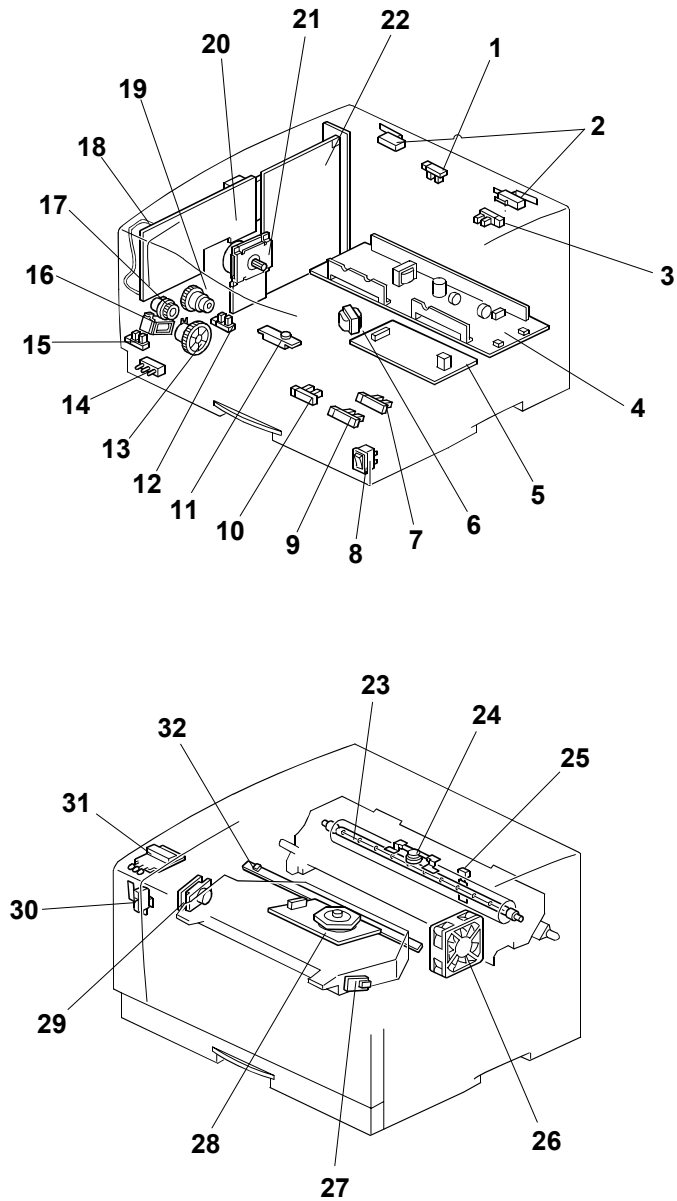


PRINTER (G091)/OPTIONS (G552/G553/G554/G555)
ELECTRICAL COMPONENT LAYOUT

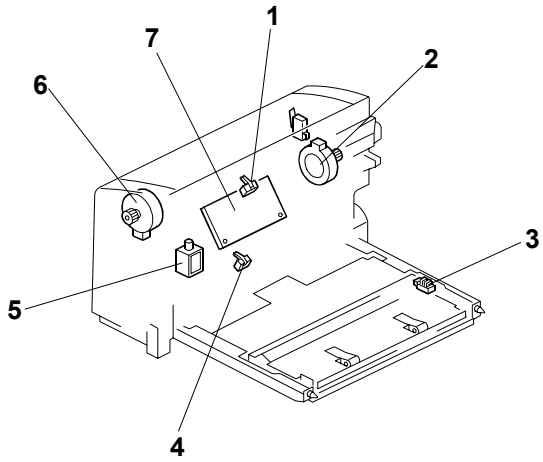
Printer (G091)

Symbol	Name	Index No.	P to P
Motors			
M1	Main	21	C5
M2	Polygonal Mirror	28	A3
M3	Exhaust Fan	26	C6
Magnetic Clutches			
MC1	Paper Feed	13	A2
MC2	Relay	17	A2
MC3	Registration	19	A2
Switches			
SW1	Paper Size	14	C6
SW2	Front Cover	30	C3
SW3	Rear Cover	2	C3
SW4	Main	8	C3, D1
Sensors			
S1	Paper Exit	1	C5
S2	Paper Overflow	3	C6
S3, S4	Remaining Paper	7, 9	C7
S5	Paper End	10	C7
S6	Toner End	11	C8
S7	Registration	12	C7
S8	By-pass paper	15	C7
PCBs			
PCB1	Engine	20	B4
PCB2	Printer controller	22	G4
PCB3	PSU (Power Supply Unit)	4	D2
PCB4	High Voltage Supply	5	C1
PCB5	LDD (Laser Diode Driver)	29	A3
PCB6	Operation Panel	31	A5
Solenoids			
Sol1	By-pass feed	16	A1
Lamps			
L1	Fusing	23	D1, F1
L2	Quenching	32	A4
Others			
TM1	Thermostat	24	D1, F1
TH1	Fusing Thermistor	25	E1
TH2	Internal Thermistor	18	A4
LSD1	Laser Synchronization Detector	27	A3
CC1	Choke Coil (230V machine only)	6	D3



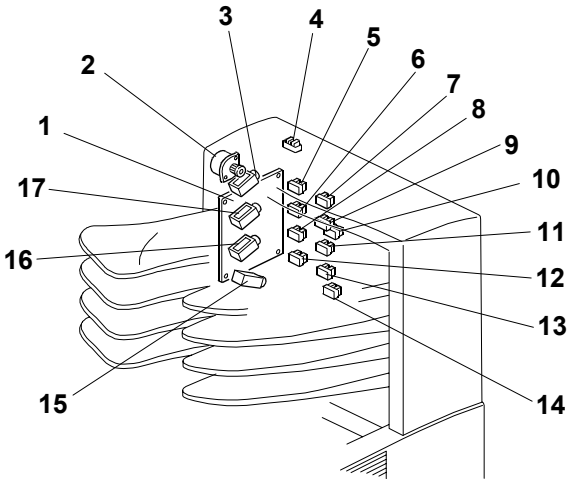
Duplex Unit (G552)

Symbol	Name	Index No.	P to P
Motors			
M1	Inverter	6	F6
M2	Transport	2	F7
Sensors			
S1	Entrance	1	E7
S2	Exit	3	F7
S3	Inverter	4	E7
Solenoids			
SOL1	Inverter gate	5	F7
PCBs			
PCB1	Duplex board	7	E7



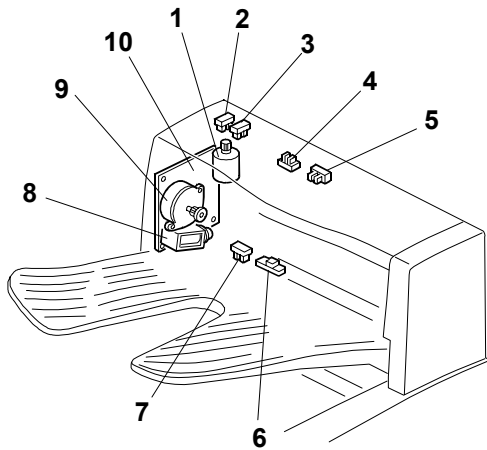
Four-bin Mailbox (G553)

Symbols	Name	Index No.	P to P
Motors			
M1	Main	2	G7
Sensors			
S1	4th tray Paper	5	G5
S2	3rd tray Paper	6	G6
S3	Lower vertical transport	14	G7
S4	Upper vertical transport	10	G6
S5	2nd tray paper	8	G6
S6	1st tray paper	12	G6
S7	1st tray overflow	13	G7
S8	2nd tray overflow	11	G6
S9	3rd tray overflow	9	G6
S10	4th tray Overflow	7	G5
S11	Cover	4	G5
Solenoids			
SOL1	1st turn gate solenoid	16	G8
SOL2	2nd turn gate solenoid	17	G8
SOL3	3rd turn gate solenoid	3	G7
SOL4	Junction gate solenoid	15	G8
PCBs			
PCB1	Mailbox board	1	G7



One-bin Shift Tray (G554)

Symbols	Name	Index No.	P to P
Motors			
M1	Main	9	E6
M2	Shift	1	C5
Sensors			
S1	Left shift	2	E5
S2	Right shift	3	E4
S3	Upper cover	4	E5
S4	Paper overflow	5	E5
S5	Shift timing	6	E5
S6	Tray paper	7	E5
Solenoids			
SOL1	Junction gate solenoid	8	C6
PCBs			
PCB1	Shift tray board	10	D5



Paper Tray Unit (G555)

Symbol	Name	Index No.	P to P
Motor			
M1	Paper feed motor	6	E7
Sensors			
S1	Paper feed sensor	5	D7
S2	Paper end sensor	2	D7
S3, S4	Remaining paper	3, 4	D7
Switch			
SW1	Paper size switch	7	C7
Clutch			
MC1	Paper feed clutch	8	C7
PCB			
PCB1	Paper tray board	1	D7

