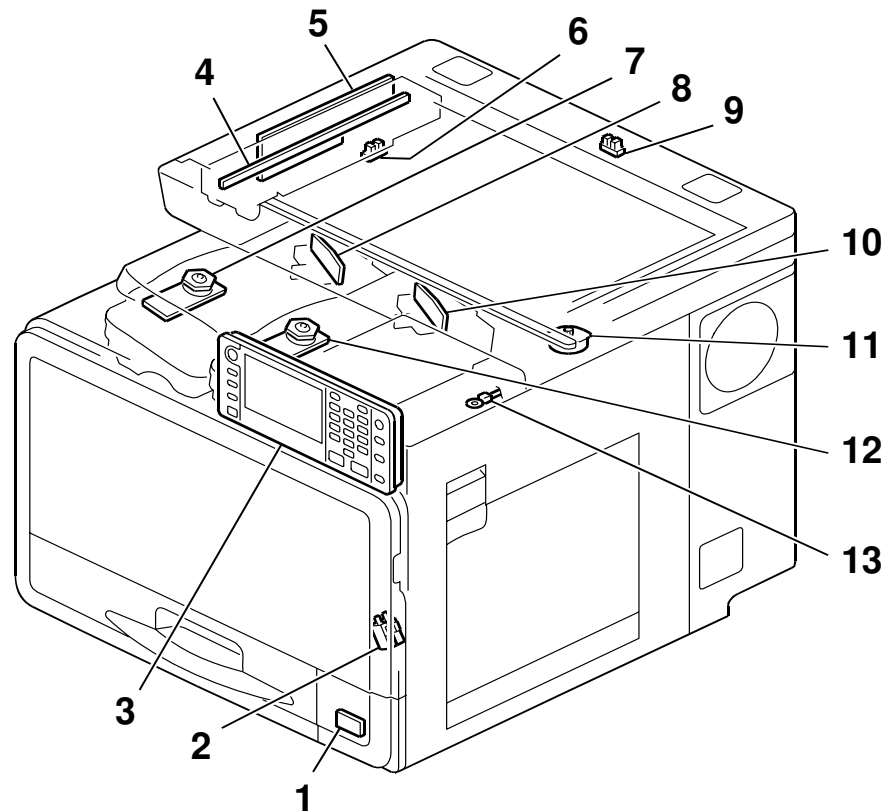
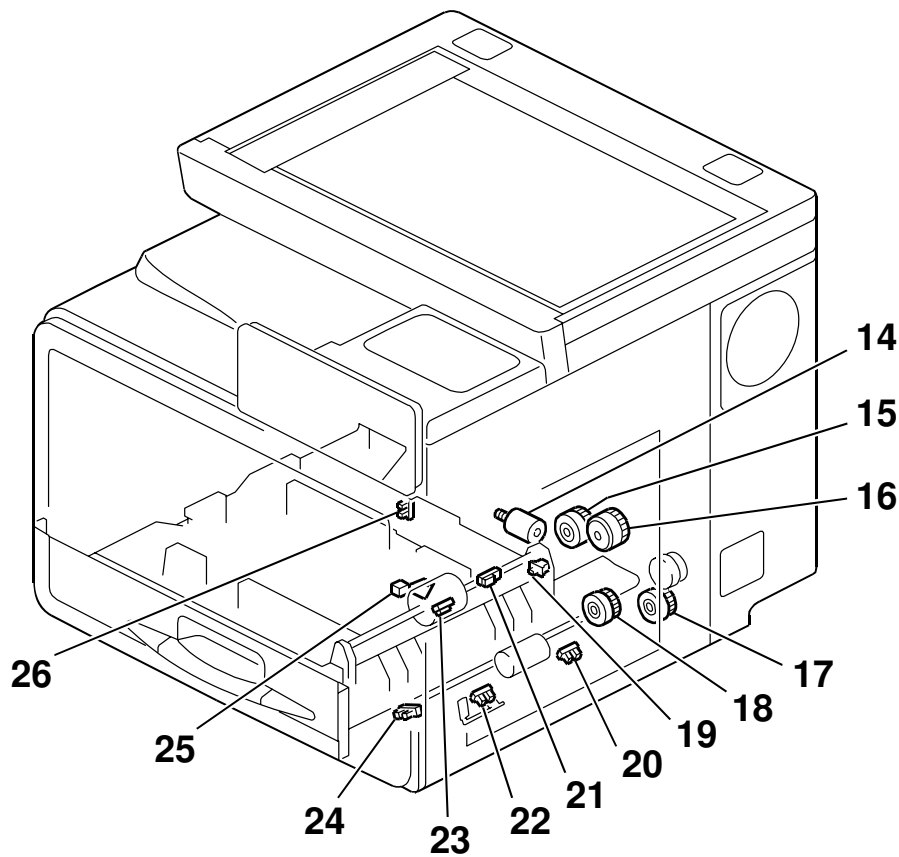




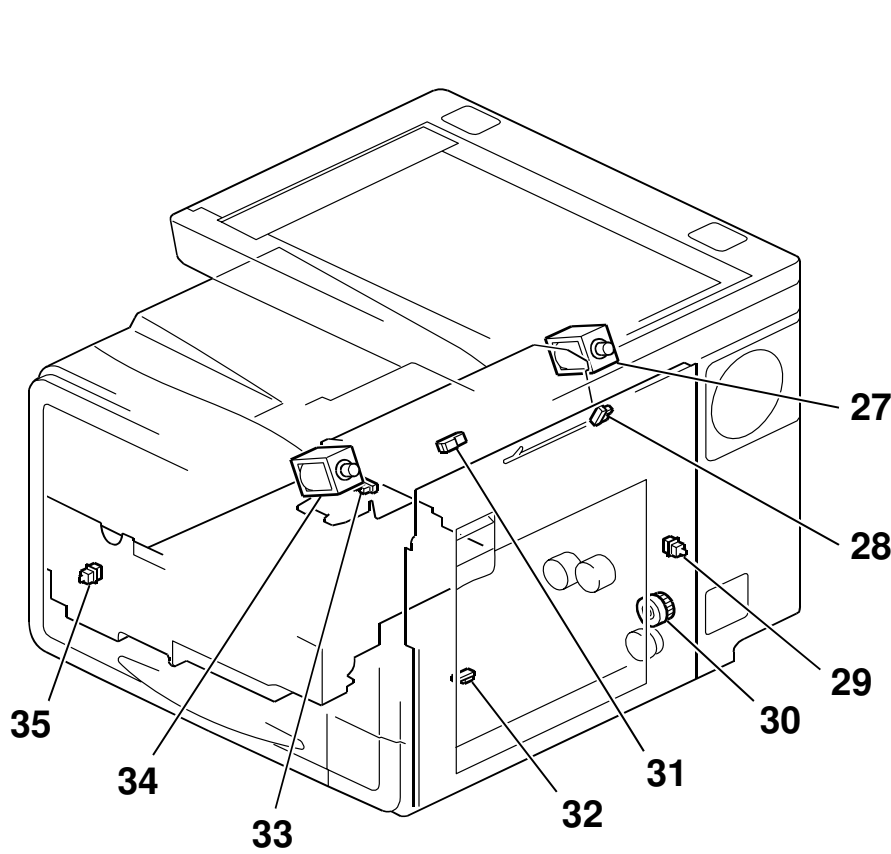
ELECTRICAL COMPONENT LAYOUT (D117/D118) 1/2



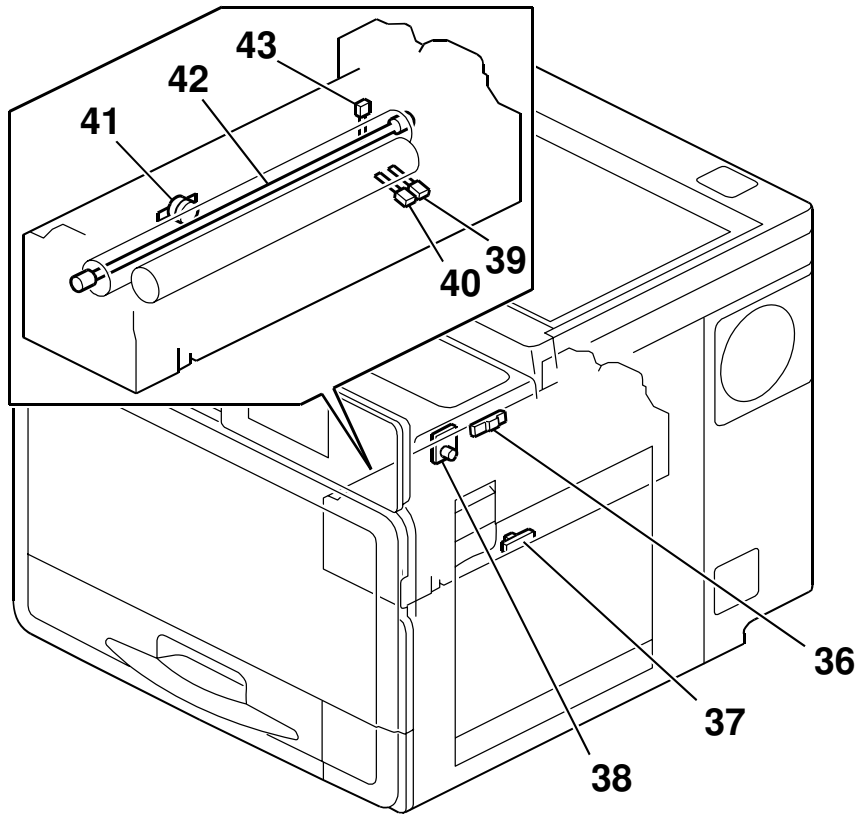
D117V151.Wmf



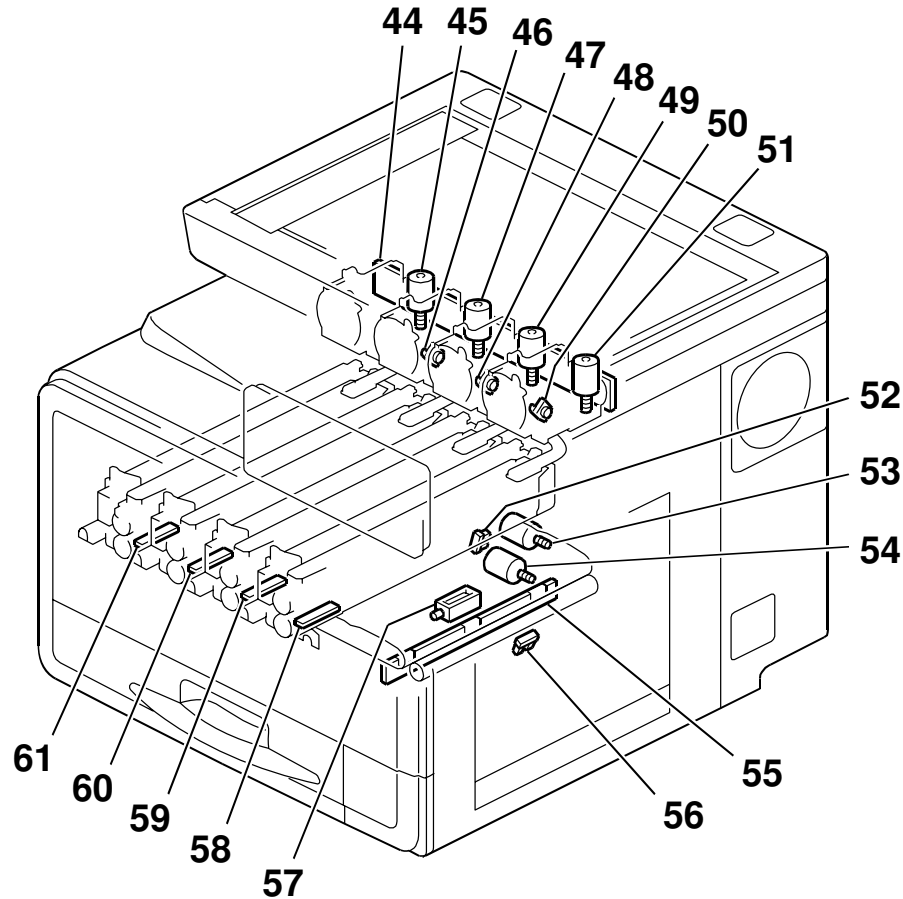
D117V153.Wmf



D117V155.Wmf

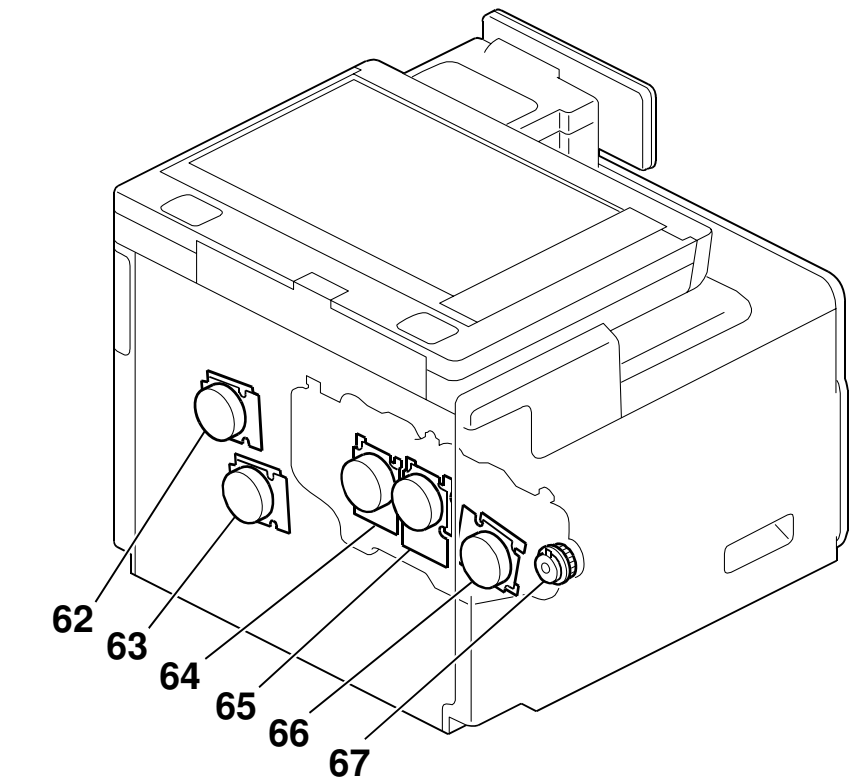


D117V154.Wmf

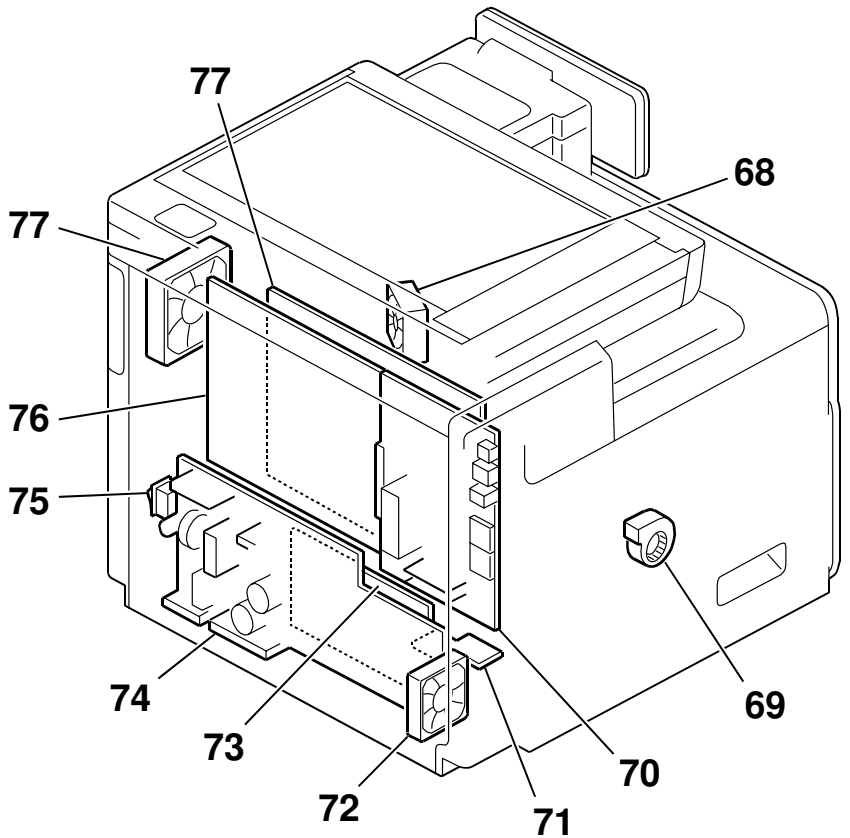


D117V152.Wmf

ELECTRICAL COMPONENT LAYOUT (D117/D118) 2/2



D117V156.Wmf

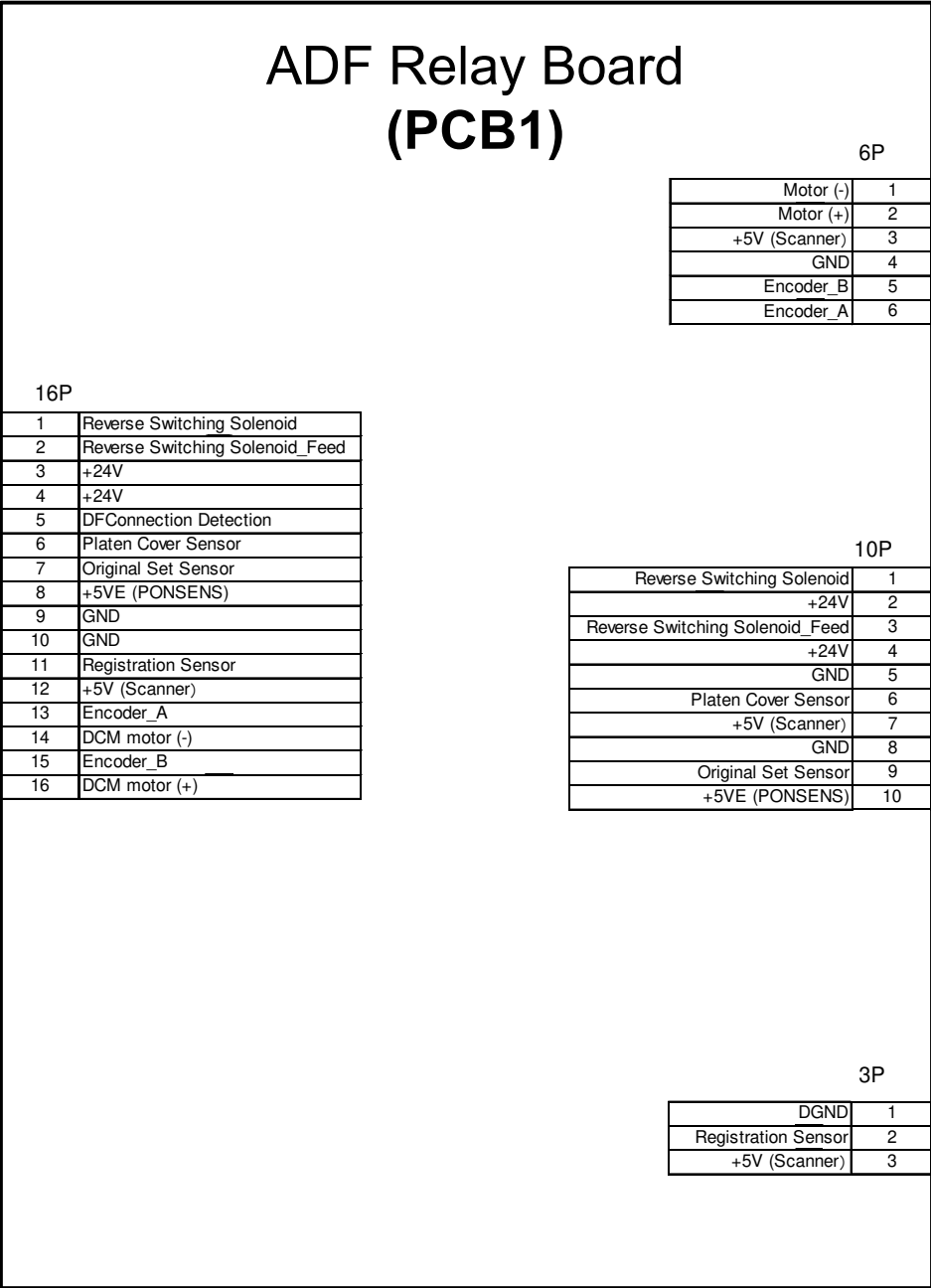


D117V157.Wmf

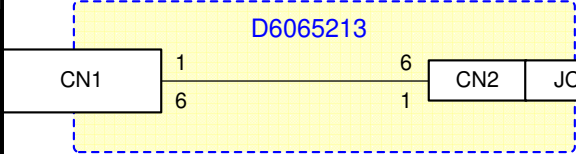
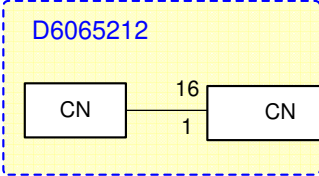
| Symbol            | Index No. | Description                    | P to P |
|-------------------|-----------|--------------------------------|--------|
| Sensors           |           |                                |        |
| S1                | 24        | By-pass Bottom Plate HP Sensor | B9     |
| S2                | 20        | By-pass Paper End Sensor       | B9     |
| S3                | 22        | By-pass Paper Size Sensor      | B9     |
| S4                | 28        | Duplex Entrance Sensor         | B9     |
| S5                | 37        | Fusing Entrance Sensor         | B9     |
| S6                | 32        | Duplex Exit Sensor             | B9     |
| S7                | 36        | Fusing Exit Sensor             | C9     |
| S8                | 38        | Fusing Thermopile              | C9     |
| S9                | 61        | HST Sensor (K)                 | E9     |
| S10               | 60        | HST Sensor (C)                 | E9     |
| S11               | 59        | HST Sensor (M)                 | E9     |
| S12               | 58        | HST Sensor (Y)                 | E9     |
| S13               | 55        | ID Sensor                      | D2     |
| S14               | 52        | ITB Contact Sensor             | A2     |
| S15               | 25        | Paper End Sensor               | B2     |
| S16               | 23        | Paper Feed Sensor              | C2     |
| S17               | 9         | Platen Cover Sensor            | G8     |
| S18               | 56        | PTR Contact Sensor             | B9     |
| S19               | 21        | Registration Sensor            | C2     |
| S20               | 6         | Scanner HP Sensor              | G8     |
| S21               | 1         | Temperature/Humidity Sensor    | E8     |
| S22               | 46        | TD Sensor (C)                  | E9     |
| S23               | 48        | TD Sensor (M)                  | E9     |
| S24               | 50        | TD Sensor (Y)                  | E9     |
| S25               | 33        | Waste Toner Overflow Sensor    | A2     |
| S26               | 26        | Tray Lift Sensor               | A2     |
| S27               | 31        | Paper Exit Sensor              | C9     |
| Motors            |           |                                |        |
| M1                | 68        | Airflow Fan Motor              | E8     |
| M2                | 64        | Development Motor (Y,M,C)      | D2     |
| M3                | 66        | Drum Motor (K)                 | D2     |
| M4                | 65        | Drum Motor (Y,M,C)             | D2     |
| M5                | 77        | Fusing Fan Motor               | C9     |
| M6                | 62        | Fusing Motor                   | B2     |
| M7                | 54        | ITB Contact Motor              | B2     |
| M8                | 63        | Paper Feed Motor               | C2     |
| M9                | 69        | PCDU Cooling Fan Motor         | D2     |
| M10               | 7         | Polygon Motor (K.C)            | E8     |
| M11               | 12        | Polygon Motor (M.Y)            | F8     |
| M12               | 72        | PSU Fan Motor                  | D2     |
| M13               | 53        | PTR Contact Motor              | B2     |
| M14               | 11        | Scanner Motor                  | G8     |
| M15               | 45        | Toner Supply Motor (K)         | D9     |
| M16               | 47        | Toner Supply Motor (C)         | D9     |
| M17               | 49        | Toner Supply Motor (M)         | D9     |
| M18               | 51        | Toner Supply Motor (Y)         | D9     |
| M19               | 14        | Tray Lift Motor                | A2     |
| Magnetic Clutches |           |                                |        |
| MC1               | 18        | By-pass Bottom Plate Clutch    | B9     |
| MC2               | 17        | By-pass Clutch                 | C2     |
| MC3               | 67        | Development Clutch             | D2     |
| MC4               | 30        | Duplex Clutch                  | C2     |
| MC5               | 15        | Paper Feed Clutch              | C2     |
| MC6               | 16        | Registration Clutch            | C2     |

| Symbol      | Index No. | Description                   | P to P |
|-------------|-----------|-------------------------------|--------|
| PCBs        |           |                               |        |
| PCB1        | 71        | ACVB                          | F2     |
| PCB2        | 76        | BICU                          | D5     |
| PCB3        | 70        | Controller Board              | A8     |
| PCB4        | 77        | HVP (C,B)                     | E2     |
| PCB5        | 73        | HVP (T1,T2)                   | A2     |
| PCB6        | 44        | BRB                           | D8     |
| PCB7        | 8         | LD Board (K,C)                | F9     |
| PCB8        | 10        | LD Board (M,Y)                | F9     |
| PCB9        | 74        | PSU                           | F2     |
| PCB10       | 5         | SBU                           | F8     |
| Solenoids   |           |                               |        |
| SOL1        | 57        | ID Sensor Shutter Solenoid    | D2     |
| SOL2        | 34        | Junction Gate Solenoid        | C9     |
| SOL3        | 27        | Reverse Switching Solenoid    | C9     |
| Switches    |           |                               |        |
| SW1,2       | 2         | Interlock Switch 1,2          | G1     |
| SW3         | 75        | Main Switch                   | F1     |
| SW4         | 29        | Right Cover Switch            | B2     |
| SW5         | 19        | Tray Set Switch               | A2     |
| SW6         | 35        | Waste Toner Bottle Set Switch | E2     |
| Thermistors |           |                               |        |
| TH1         | 43        | Fusing Belt Thermistor (Ends) | D9     |
| TH2         | 40        | Fusing Thermistor (Center)    | D9     |
| TH3         | 39        | Fusing Thermistor (Ends)      | C9     |
| TH4         | 13        | Thermistor                    | E8     |
| Thermostat  |           |                               |        |
| TS1         | 41        | Thermostat                    | D9     |
| Lamps       |           |                               |        |
| L1          | 42        | Fusing Lamp                   | D9     |
| L2          | 4         | Exposure Lamp                 | D9     |
| Other       |           |                               |        |
| OT1         | 3         | Operation Panel               | F8     |

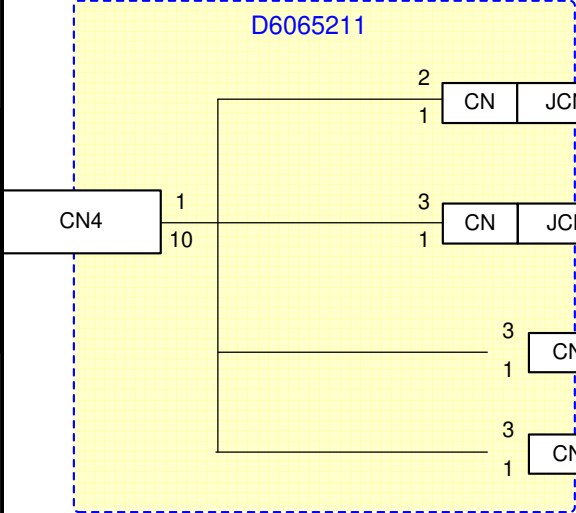
D606 (ARDF) POINT TO POINT DIAGRAM



Main Machine



M1 ARDF Drive Motor

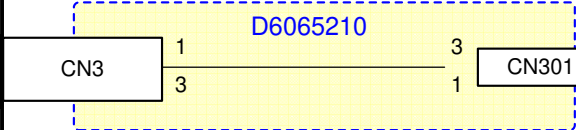


SOL1 ARDF Pick-up Solenoid

SOL2 ARDF Reverse Solenoid

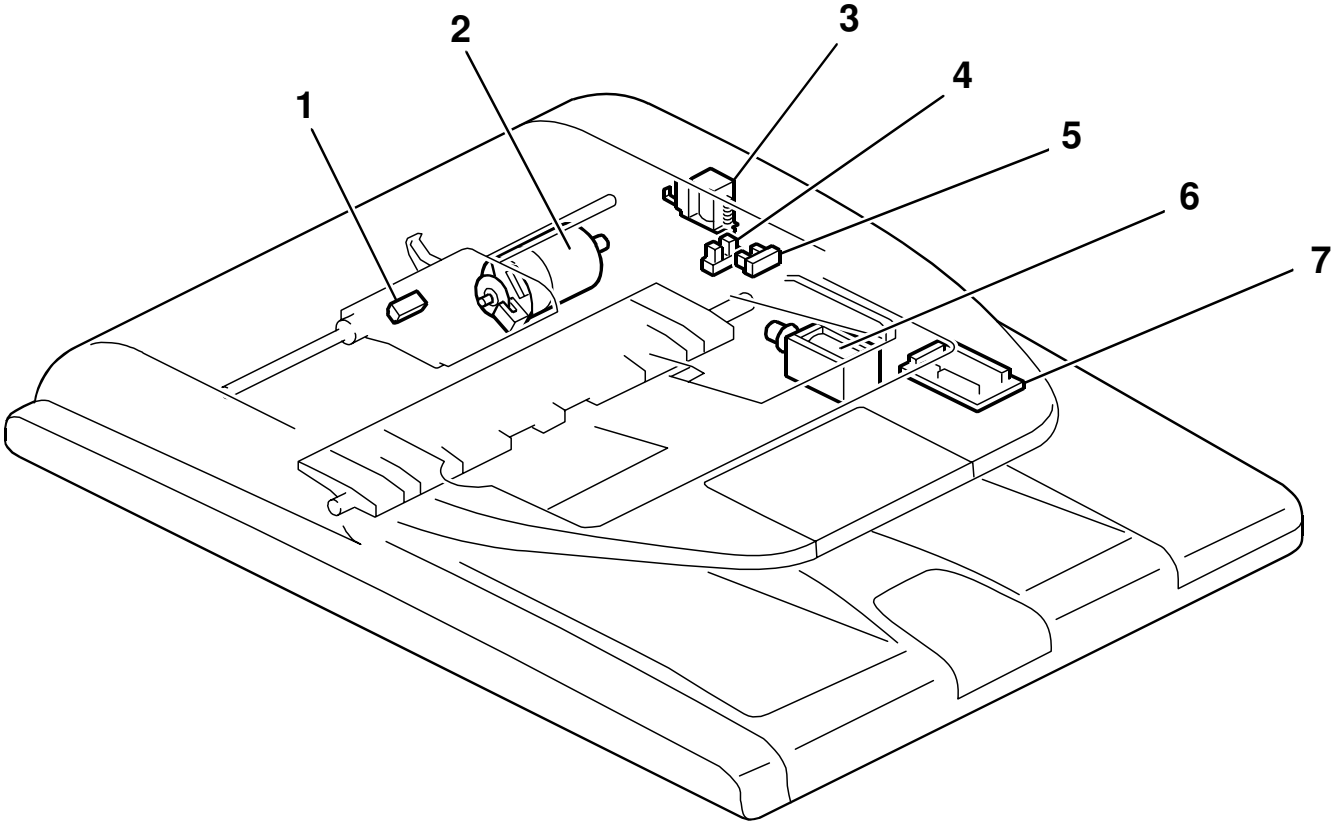
S1 ADF Cover Sensor

S2 Original Set Sensor



S3 ARDF Registration Sensor

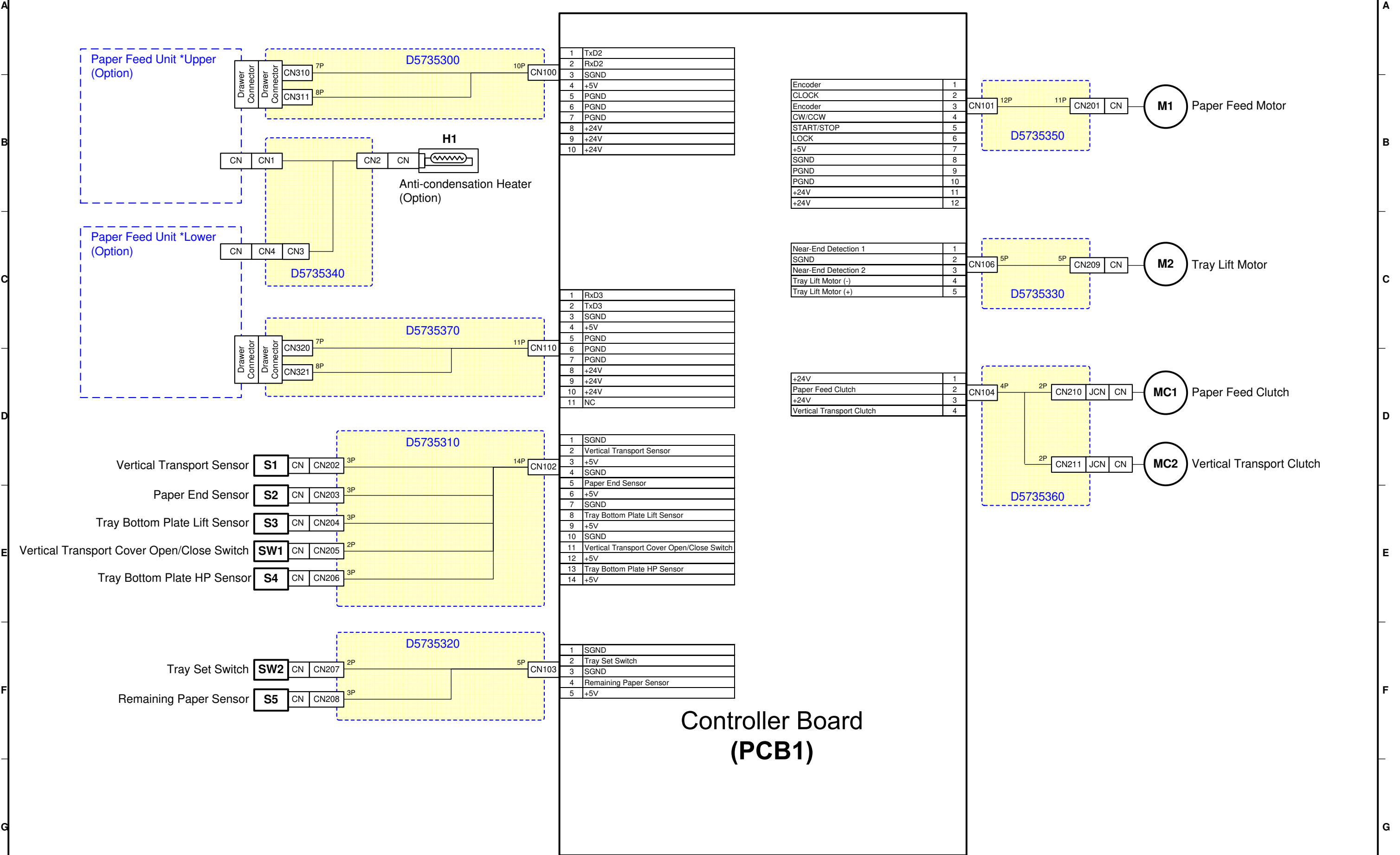
# ELECTRICAL COMPONENT LAYOUT (D606)



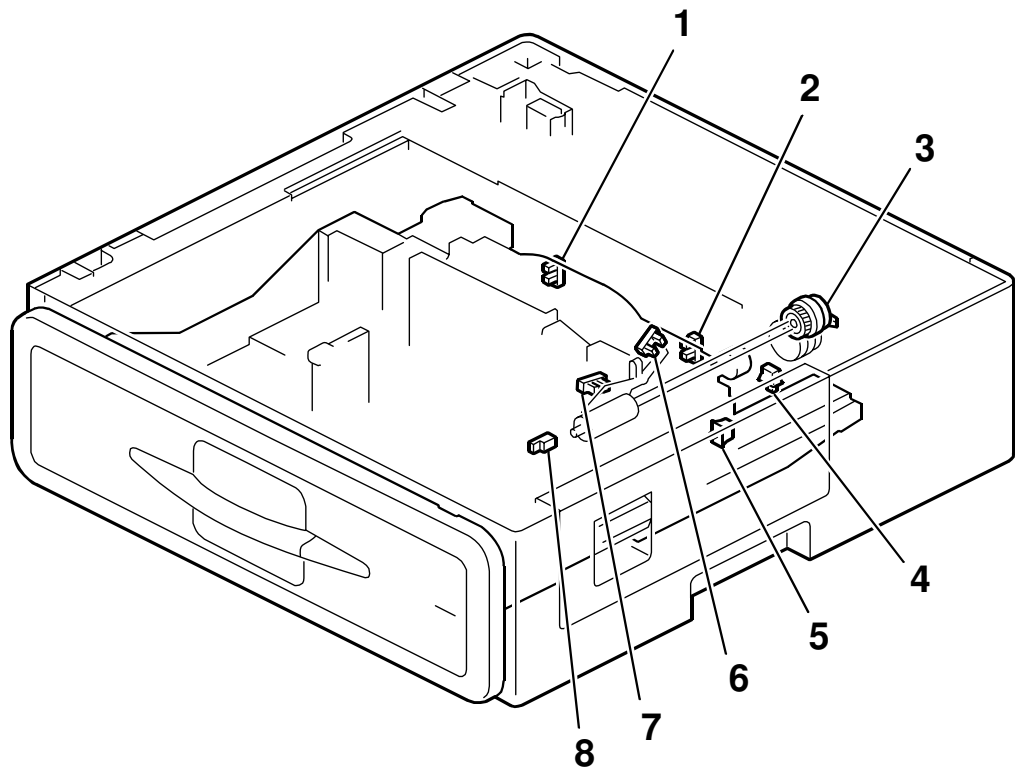
D606D102.Wmf

| Symbol    | Index No. | Description              | P to P |
|-----------|-----------|--------------------------|--------|
| Sensors   |           |                          |        |
| S1        | 4         | ADF Cover Sensor         | E8     |
| S2        | 5         | Original Set Sensor      | E8     |
| S3        | 1         | ARDF Registration Sensor | F8     |
| Motor     |           |                          |        |
| M1        | 2         | ARDF Drive Motor         | C9     |
| Solenoids |           |                          |        |
| SOL1      | 3         | ARDF Pick-up Solenoid    | D8     |
| SOL2      | 6         | ARDF Reverse Solenoid    | D8     |
| PCB       |           |                          |        |
| PCB1      | 7         | ADF Relay Board          | B4     |

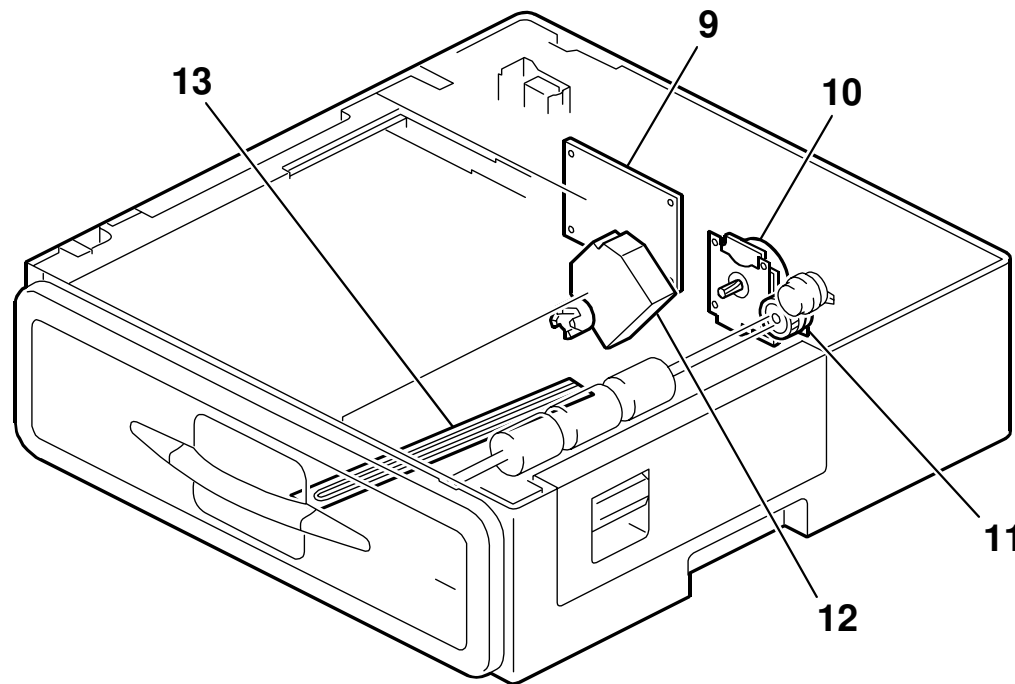
D573 (Paper Feed Unit) POINT TO POINT DIAGRAM



# ELECTRICAL COMPONENT LAYOUT (D573)



D573D104.Wmf

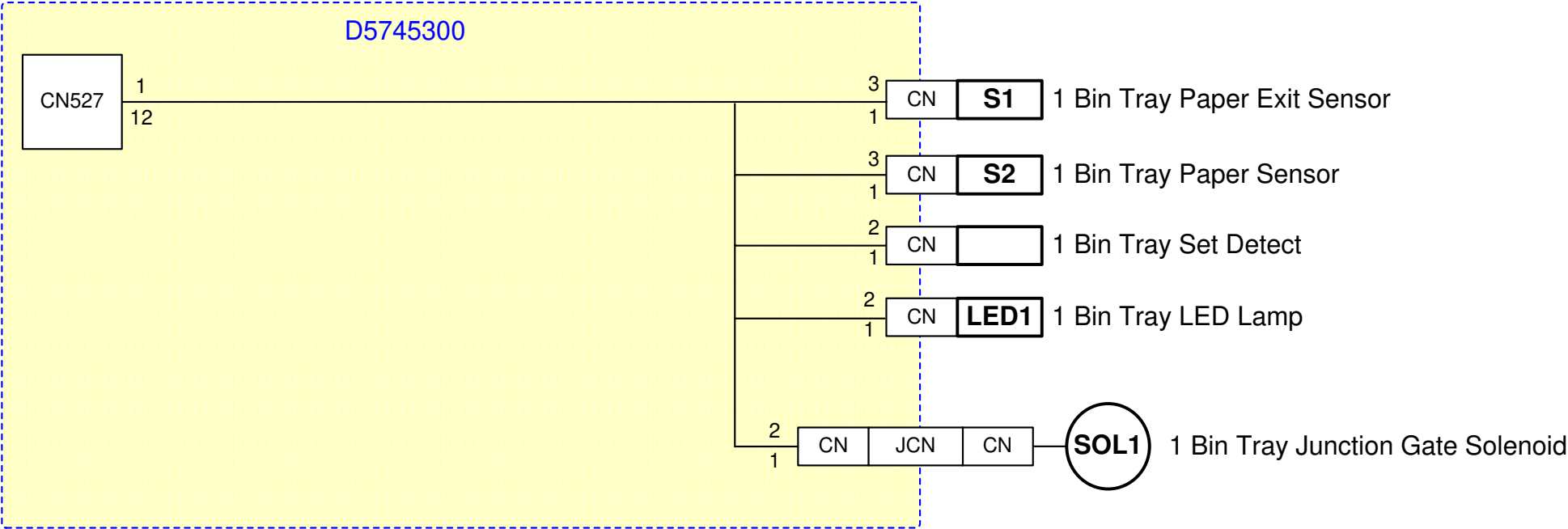


D573D103.Wmf

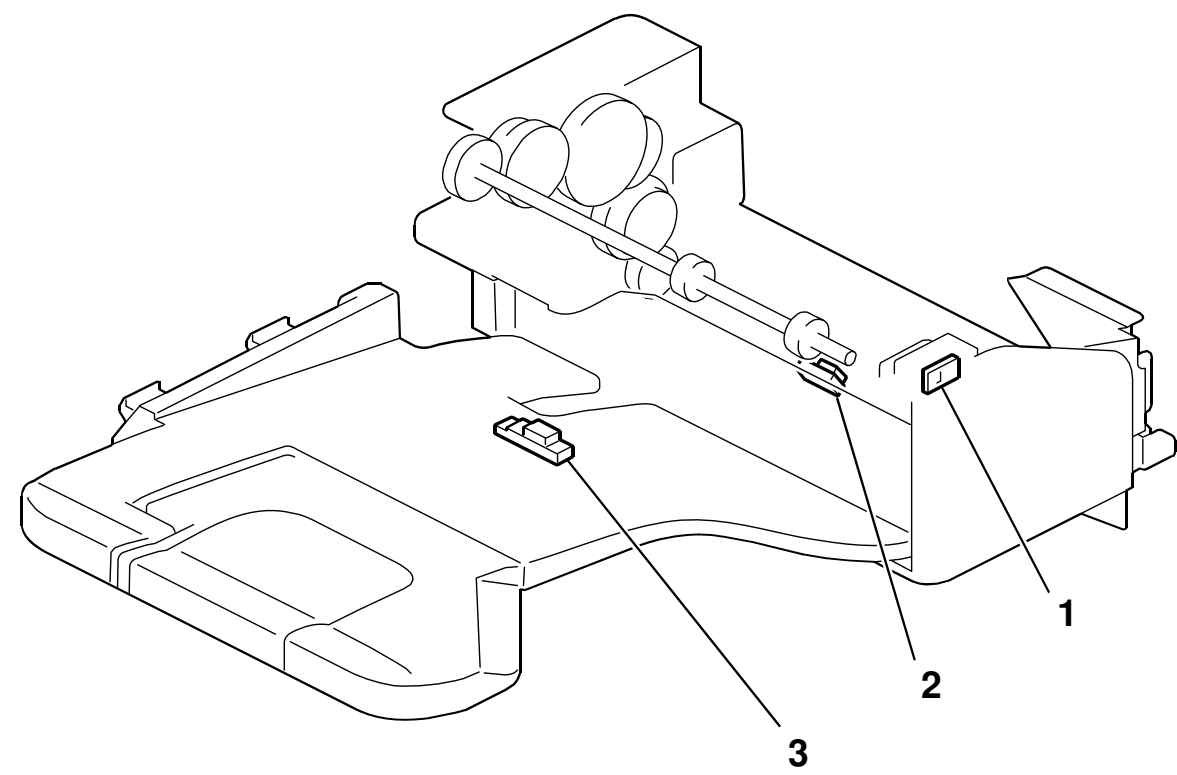
| Symbol            | Index No. | Description                                | P to P |
|-------------------|-----------|--------------------------------------------|--------|
| Sensors           |           |                                            |        |
| S1                | 8         | Vertical Transport Sensor                  | D2     |
| S2                | 6         | Paper End Sensor                           | E2     |
| S3                | 1         | Tray Bottom Plate Lift Sensor              | E2     |
| S4                | 2         | Tray Bottom Plate HP Sensor                | E2     |
| S5                | 7         | Remaining Paper Sensor                     | F2     |
| Switches          |           |                                            |        |
| SW1               | 4         | Vertical Transport Cover Open/Close Switch | E2     |
| SW2               | 5         | Tray Set Switch                            | F2     |
| PCB               |           |                                            |        |
| PCB1              | 9         | Controller Board                           | F6     |
| Motors            |           |                                            |        |
| M1                | 10        | Paper Feed Motor                           | B9     |
| M2                | 12        | Tray Lift Motor                            | C9     |
| Magnetic Clutches |           |                                            |        |
| MC1               | 11        | Paper Feed Clutch                          | D9     |
| MC2               | 3         | Vertical Transport Clutch                  | D9     |
| Other             |           |                                            |        |
| H1                | 13        | Anti-condensation Heater                   | B4     |

D574 (1Bin Tray) POINT TO POINT DIAGRAM

Main Machine



# ELECTRICAL COMPONENT LAYOUT (D574)



| Symbol  | Index No. | Description         | P to P |
|---------|-----------|---------------------|--------|
| Sensors |           |                     |        |
| S1      |           | ADF Cover Sensor    | C7     |
| S2      |           | Original Set Sensor | C7     |
| Other   |           |                     |        |
| LED1    |           | ADF Relay Board     | D7     |