

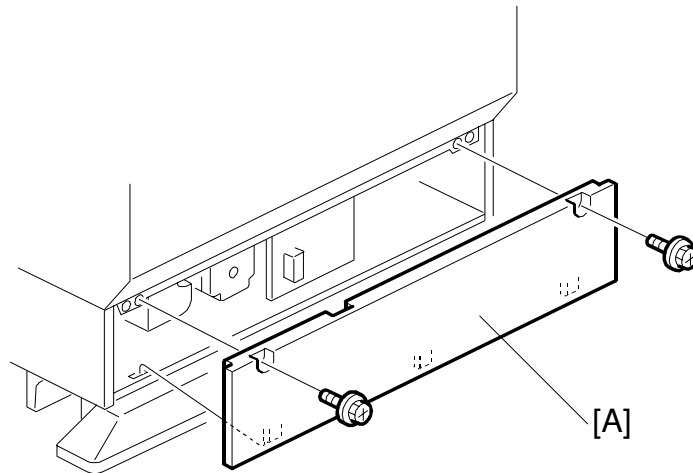
# **ONE-TRAY PAPER FEED UNIT**

**(Machine Code: G567)**

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# 1. REPLACEMENT AND ADJUSTMENT

## 1.1 COVER REPLACEMENT

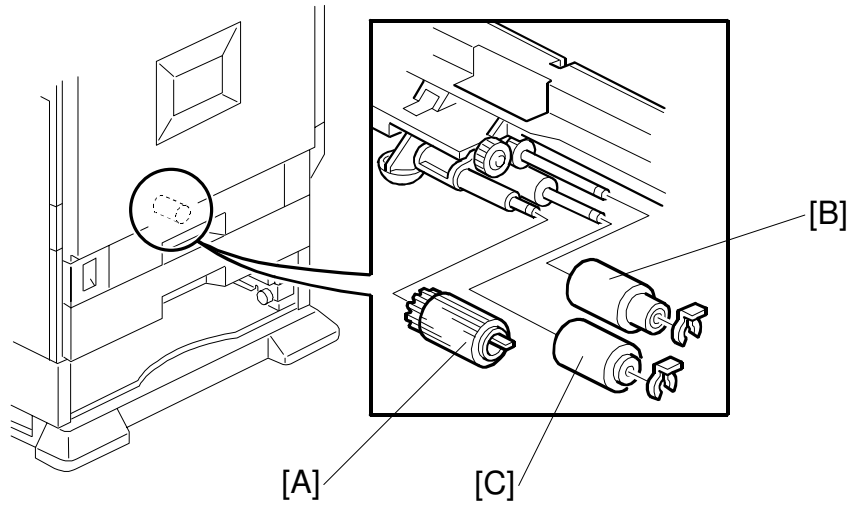


G567R102.WMF

1. Rear cover [A] (⌀ x 2)

## 1.2 ROLLER REPLACEMENT

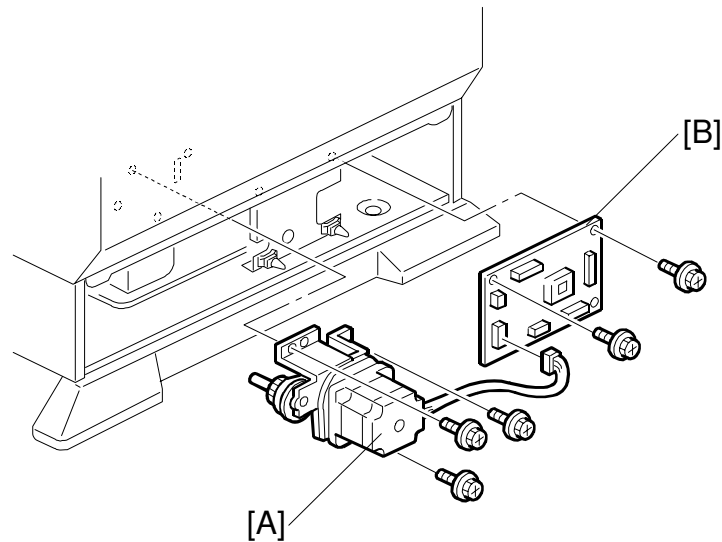
### 1.2.1 PAPER FEED, SEPARATION, AND PICK-UP ROLLERS



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1. Paper tray
2. Pick-up roller [A] (1 hook)
3. Paper Feed Roller [B] (1 x 1)
4. Separation Roller [C] (1 x 1)

## 1.3 PAPER FEED MOTOR AND MAIN BOARD

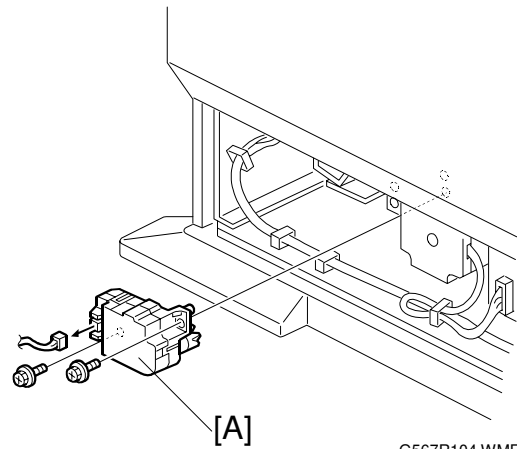


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1. Rear cover (☞ 1.1 COVER REPLACEMENT)
2. Paper feed motor [A] (☞ x 1, ⚙ x 3)
3. Main board [B] (⚙ x 2)

## 1.4 TRAY LIFT MOTOR

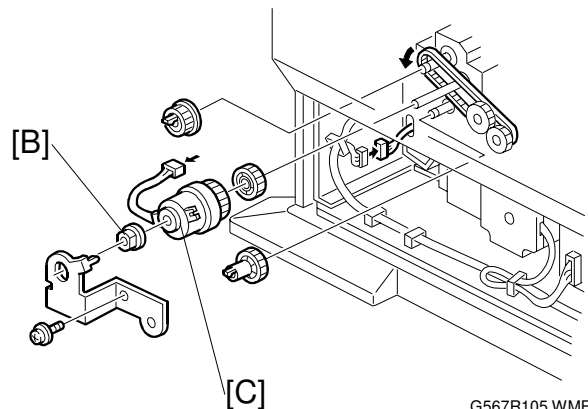
1. Rear cover (☛ 1.1 COVER REPLACEMENT)
2. Tray lift motor [A] (☛ x 1, ⚙ x 2)



G567R104.WMF

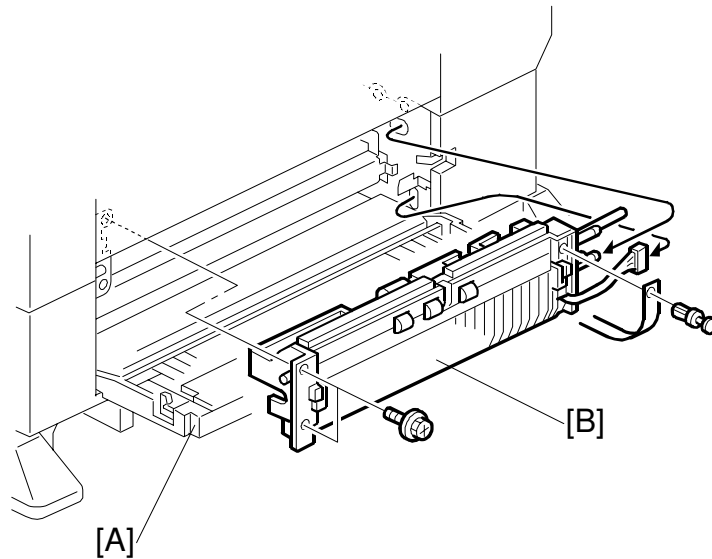
## 1.5 PAPER FEED CLUTCH

1. Rear cover (☛ 1.1 COVER REPLACEMENT)
2. Bracket [B] (⚙ x 1)
3. Bushing
4. Paper feed clutch [C]



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## 1.6 PAPER FEED UNIT REPLACEMENT



G567R106.WMF

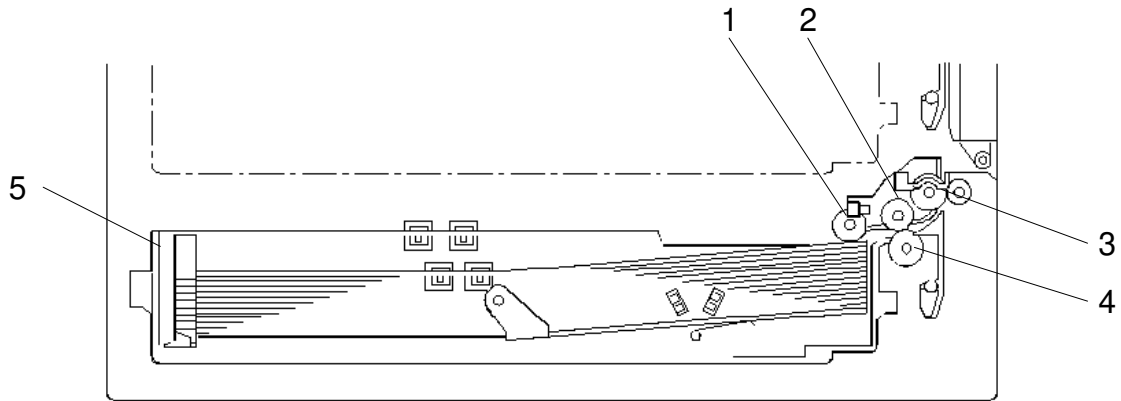
1. Right cover [A]
2. Paper feed unit [B] (⚙ x 2, 📄 x 1)

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## 2. DETAILED DESCRIPTIONS

### 2.1 OVERVIEW

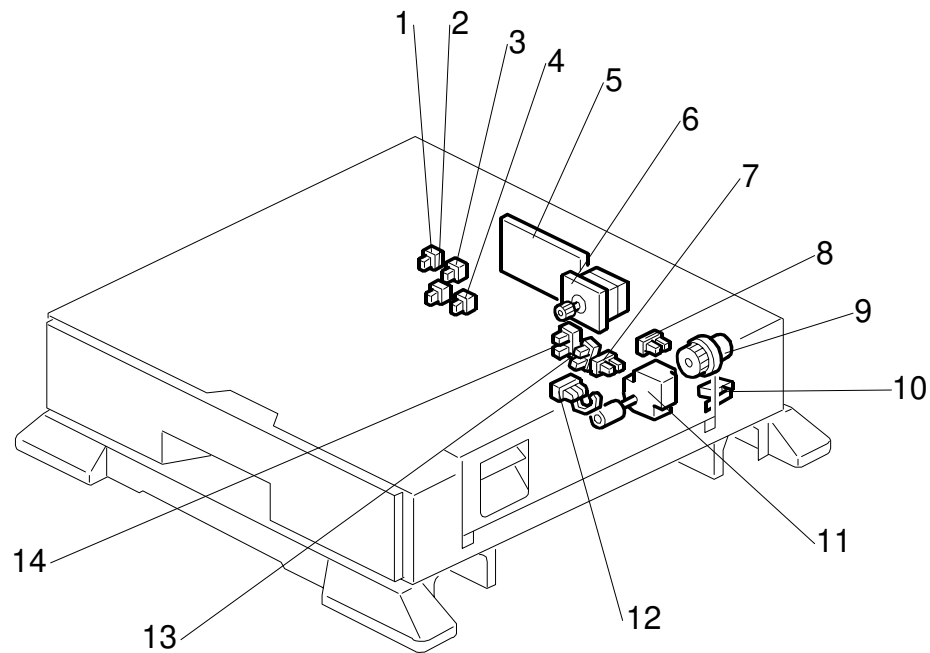
#### 2.1.1 MECHANICAL COMPONENT LAYOUT



G567D001.WMF

1. Pick-up Roller
2. Paper Feed Roller
3. Relay Roller
4. Separation Roller
5. Tray

## 2.1.2 ELECTRICAL COMPONENT LAYOUT

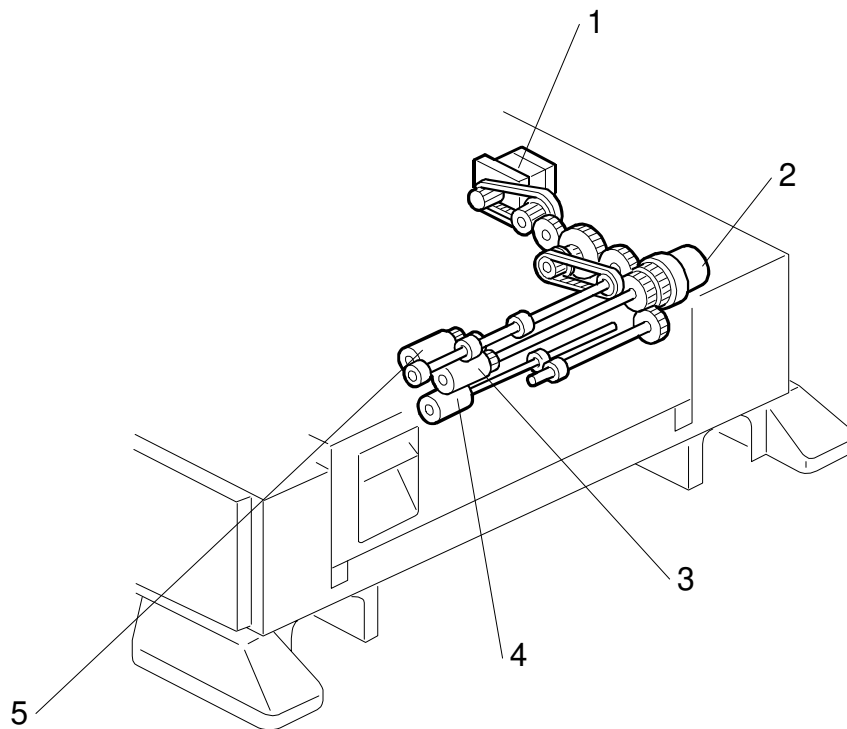


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- |                        |                           |
|------------------------|---------------------------|
| 1. Paper Size Switch 1 | 8. Lift Sensor            |
| 2. Paper Size Switch 2 | 9. Paper Feed Clutch      |
| 3. Paper Size Switch 3 | 10. Vertical Guide Switch |
| 4. Paper Size Switch 4 | 11. Tray Lift Motor       |
| 5. Main Board          | 12. Relay Sensor          |
| 6. Paper Feed Motor    | 13. Paper Height 2 Sensor |
| 7. Paper End Sensor    | 14. Paper Height 1 Sensor |



### 2.1.3 DRIVE LAYOUT



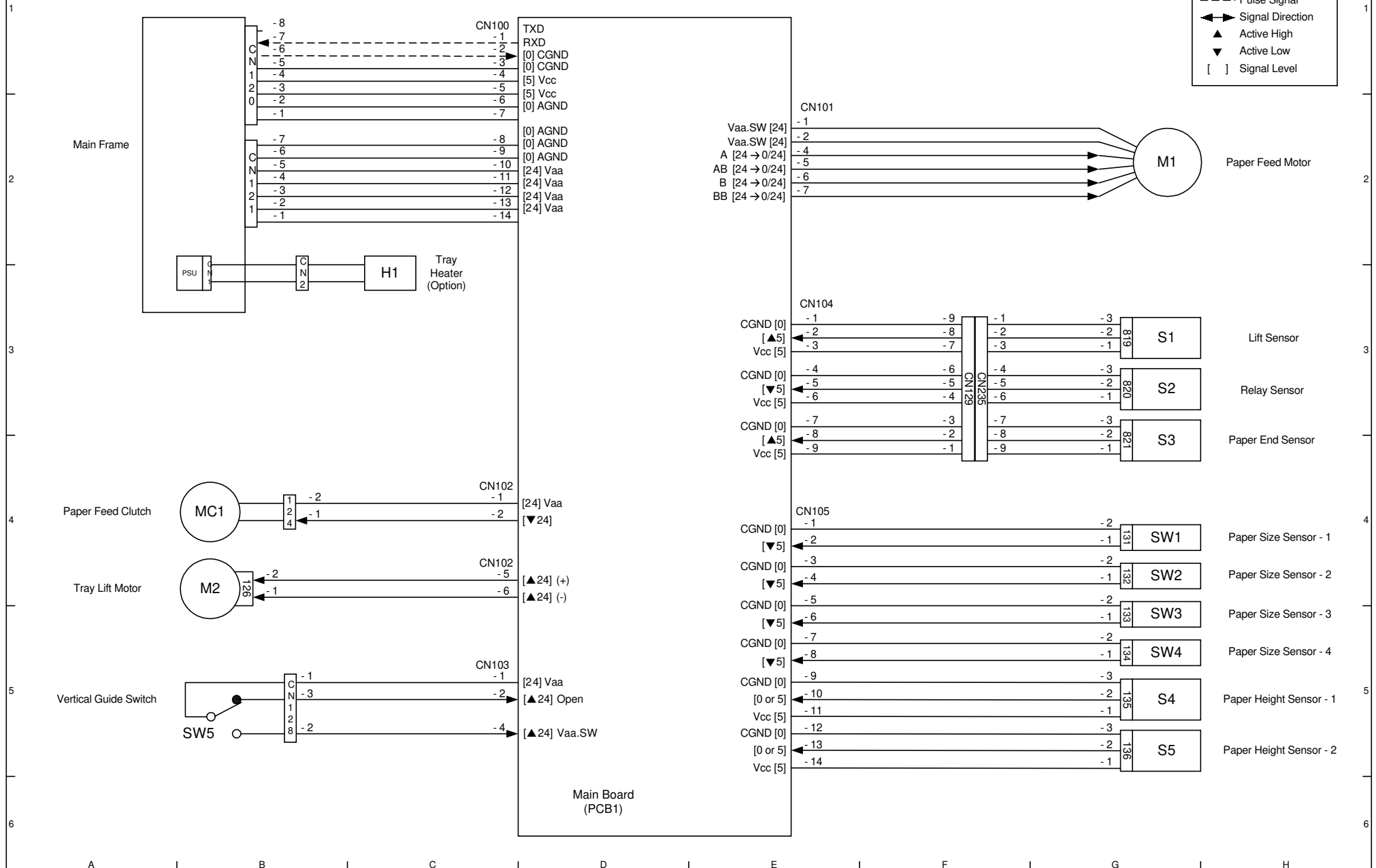
G567D102.WMF

1. Paper Feed Motor
2. Paper Feed Clutch
3. Paper Feed Roller
4. Separation Roller
5. Pick-up Roller

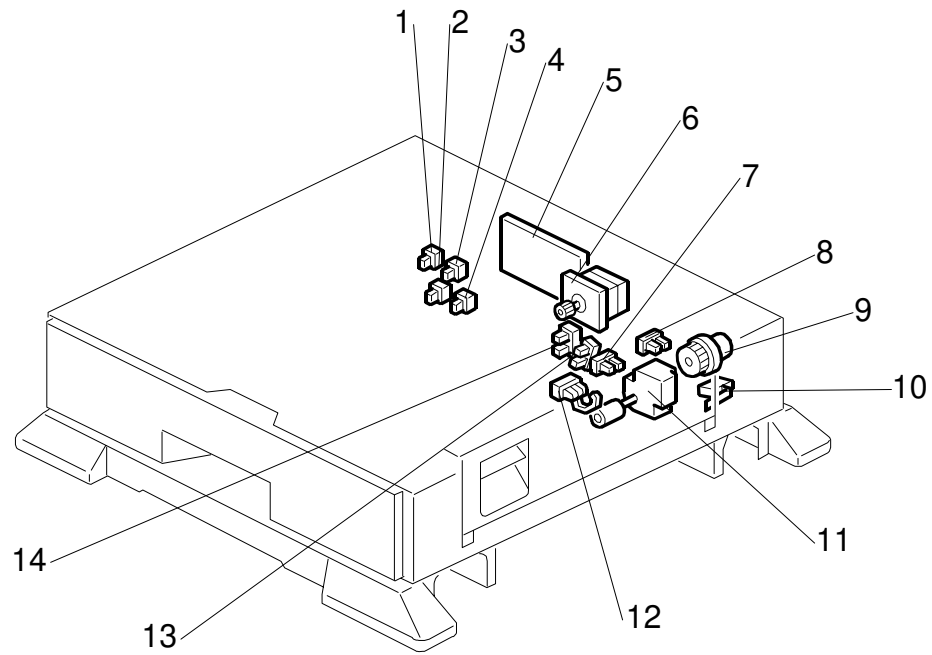
# POINT TO POINT WIRING DIAGRAM (One-tray Paper Feed Unit: G567)

Symbol Table

|       |                  |
|-------|------------------|
| —     | DC Line          |
| - - - | Pulse Signal     |
| ◀▶    | Signal Direction |
| ▲     | Active High      |
| ▼     | Active Low       |
| [ ]   | Signal Level     |



# ELECTRICAL COMPONENT LAYOUT (G567)



G567D101.WMF

## ELECTRICAL COMPONENT DESCRIPTION (G567)

| Symbol                   | Description          | Index No. | P-to-P |
|--------------------------|----------------------|-----------|--------|
| <b>Motors</b>            |                      |           |        |
| M1                       | Paper Feed           | 6         | G2     |
| M2                       | Tray Lift            | 11        | B4     |
|                          |                      |           |        |
| <b>Sensors</b>           |                      |           |        |
| S1                       | Lift                 | 8         | G3     |
| S2                       | Relay                | 12        | G3     |
| S3                       | Paper End            | 7         | G4     |
| S4                       | Paper Height 1       | 14        | G5     |
| S5                       | Paper Height 2       | 13        | G5     |
|                          |                      |           |        |
| <b>Switches</b>          |                      |           |        |
| SW1                      | Paper Size 1         | 1         | G4     |
| SW2                      | Paper Size 2         | 2         | G4     |
| SW3                      | Paper Size 3         | 3         | G5     |
| SW4                      | Paper Size 4         | 4         | G5     |
| SW5                      | Vertical Guide       | 10        | B5     |
|                          |                      |           |        |
| <b>Magnetic Clutches</b> |                      |           |        |
| MC1                      | Paper Feed           | 9         | B4     |
|                          |                      |           |        |
| <b>PCBs</b>              |                      |           |        |
| PCB1                     | Main                 | 5         | D6     |
|                          |                      |           |        |
| <b>Heaters</b>           |                      |           |        |
| H1                       | Tray Heater (Option) | -         | C2     |