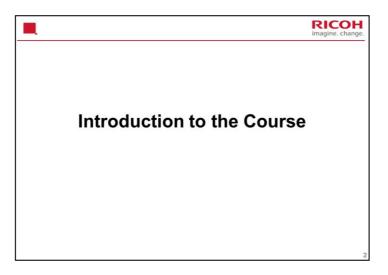


This course explains how to service the Rev-P1/MF1 series of black-andwhite printers and copiers.

To learn about this machine, please study the user's guide and the field service manual in addition to this TTP.



| How many Models in the Series? | RICOH imagine. change. |
|--|---------------------------|
| Rev-P1 M290-27/29: SP150 (USB) M0AF-17/27/29: SP150w (USB, Wi-Fi) Rev-MF1 M291-27/29: SP150SU (USB) M0AE-17/27/29: SP150SUw (USB, Wi-Fi) | |
| Installation and maintenance are done by the custo No optional peripherals. Simplified operation panel Mac OS and Linux support Smallest printers and 3-in-1 MFPs in the market. | omers. |
| | 3 |

There is no '4-in-1' model with fax, and there is no fax option.

| Virtual Operation Panel | RICOH imagine. change. |
|---|---------------------------|
| This model has only 1 button on the operation for the printer model, and 2 buttons for the model. | |
| The users cannot do very much with the op panel. So, users need an application to set machine and use all the available functions This application is called "Virtual Operation (VOP). It is available for Windows and Mac It can be used via WiFi from a smart device USB from a PC. | up the Panel" |

What can we do with the operation panel?

Printer models

Power On/Off: Hold the Power Button for 0.5s+

Cancel a job: Hold the Power Button for 1s+

Print a report: Press the Power Button 3 times in 1s

MFP models

Power On: Hold the Power Button for 0.5s+

Power Off: Hold the Power Button for 6s+

Print a report: Press the Power Button 3 times in 1s

Copy 1 page: Press the Start key

Copy 5 pages: Hold the Start key for 3s+

Enter ID Card copy mode: Press the Start and the Power Buttons at the same time

VOP can be installed on the following operating systems.

32-bit and 64-bit Windows Vista/7/8/8.1/10, Windows Server 2003/2008, and 64-bit Windows Server 2008 R2/Server 2012/Server 2012 R2

Mac OS X 10.5 or later

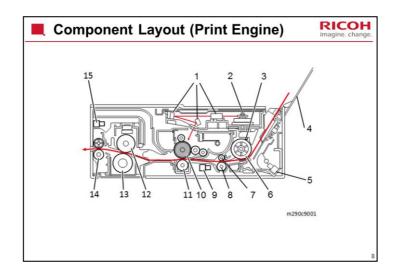
Linux



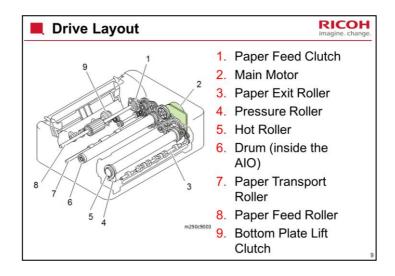
Please note that all the images are subject to change.

| | Rev-P1/MF1 | Me-P2/MF2 |
|-----------------------|---|---|
| Size | Smaller footprint. | Short, but footprint was big |
| Output tray | No output tray | 50 sheets output tray available |
| Genuine refill | No support for genuine refill. | Genuine refill for selected countries |
| AIO yield | 1.5K | 2K or 1.2K |
| Positioning (pricing) | Competitive against competitors' 20ppm models | Lower than cheapest competitor 20ppm model |
| User Interface | 1 or 2 buttons on the main unit, and a dedicated PC application | Operation panel |
| 4-in-1 model | Not available | Available |
| Interface | USB only model and USB+WiFi model available | USB model only |

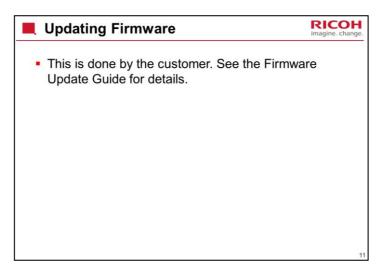
| Model Name | | Rev-MF | Me-MF2 | Rev-P | Me-P2 |
|-------------------------------|--------|-------------------|--------|-------------------|---------|
| Function | | 3in1 | 3in1 | Printer | Printer |
| Appearance | | 0 | | | |
| PPM (A4, B&W |) | 22ppm | 16ppm | 22ppm | 16ppm |
| Duty | | 20K | 20K | 20K | 20K |
| 0' | w | 350 | 402 | 350 | 402 |
| Size | D | 275 | 368 | 265 | 369 |
| (mm) | н | 130 | 163 | 103 | 119 |
| Weight | | 7.0 kg | 8.0 kg | 4.0 kg | 6.2 kg |
| ADF or Platen | | Platen | Platen | - | - |
| Duplex (Auto/M | anual) | x | x | Manual | Manual |
| Network, I/F (USB/Network/ | Wi-Fi) | USB USB + WiFi | USB | USB USB + WiFi | USB |
| OS Support | | Win/Mac/Linux | Win | Win/Mac/Linux | Win |
| Paper Input Capacity | Tray | 50 | 50 | 50 | 50 |
| | Bypass | x | x | x | x |
| | Output | X | 50 | x | 50 |

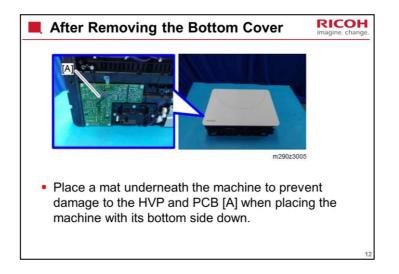


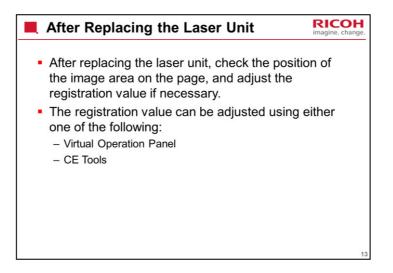
- 1. Lenses, Mirrors
- 2. Polygon Mirror
- 3. Paper Size Sensor
- 4. Paper Tray
- 5. Bottom Plate Position Sensor
- 6. Paper Feed Roller
- 7. Registration Roller
- 8. Paper Transport Roller
- 9. Registration Sensor
- 10. Drum
- 11. Image Transfer Roller
- 12. Hot Roller
- 13. Pressure Roller
- 14. Paper Exit Roller
- 15. Exit Sensor

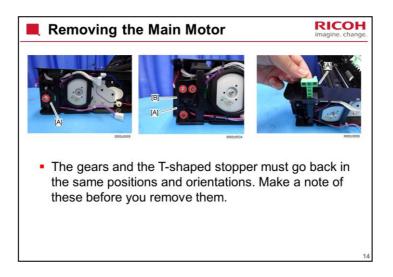


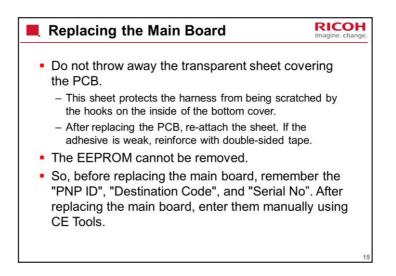
| Before using CE Tools, make sure that a PC with CE Tools installed is connected to the machine. To start CE Tools, click on the CE Tools icon. The menu is on the left side of the screen. For details, see the service manual. | Service Mode – CE Tools | |
|--|-------------------------|---|
| | Answerstein | make sure that a PC with CE Tools installed is connected to the machine. To start CE Tools, click on the CE Tools icon. The menu is on the left side of the screen. For details, see the |

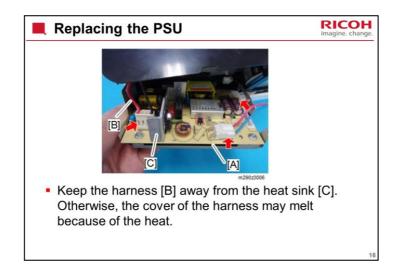


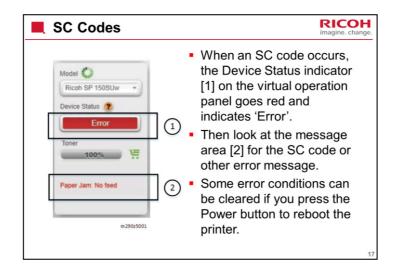


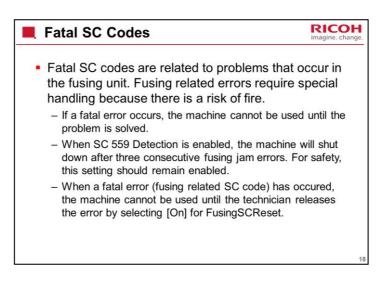












| Fusing SC Reset | RICOH imagine. change. |
|---|--|
| Markensen Markensen | In CE Tools, click Output Check, and select FusingSCReset. Select 'On'. |
| | 19 |



The End