

RICOH ERROR CODES REMOVED WHEN AN INNOVOLT IS ADDED

541 A

Heating roller thermopile error

The temperature detected by the heating roller thermopile does not reach 0°C for 6 seconds.

542 A

Heating roller warm-up error 1

♣ The heating roller temperature does not reach 80°C for 20 seconds after the inverter turned on.

♣ The center temperature of the heating roller does not reach the ready temperature for 90 seconds after the fusing lamp turned on.

543 A

Heating roller overheat: Center (software error)

The detected fusing temperature stays at 215°C for 1 second for 10 consecutive times.

544 A

Heating roller overheat: Center (hardware error)

During stand-by mode or a print job, the detected heating roller temperature reaches 220°C.

545 A

Fusing Heater error: Center

The fusing heater keeps full power for 23 seconds or more.

547 D

Zero cross error

♣ The zero cross signal is detected three times even though the heater relay is off when turning on the main power.

♣ The zero cross signal is not detected for 3 seconds even though the heater relay is on after turning on the main power or closing the front door.

♣ The detection error occurs twice or more in the 11 zero cross signal detections. This error is defined when the detected zero cross signal is 39 or less

549 A

Fusing heater connection error

The heating roller rotation sensor detects the target temperature as 50°C for 5 seconds or more after the fusing/paper exit motor has turned on.

551 A

Heating roller thermistor error

The temperature at the end of the heating roller measured by the

heating roller thermistor does not reach 0°C for 7 seconds.

552 A

Heating roller warm-up error 2

1. The heating roller temperature does not reach 80°C for 20 seconds after the inverter turned on.
2. The temperature at the end of the heating roller does not reach the ready temperature for 89 seconds after the fusing lamp turned on.

553 A

Heating roller overheat: End (software error)

The detected heating roller temperature stays at 215°C or more for 1 second for 10 consecutive times.

554 A

Heating roller overheat: End (hardware error)

The heating roller thermistor detects 220°C or more.

555 A

Fusing Heater error: End

The fusing heater keeps full power for 19 seconds or more.

557 C

Zero cross frequency error

When the zero cross signal is 66 or more and it is detected 10 times or more in 11 detections, the machine determines that input 60 Hz and SC557 occurs

559 A

Consecutive fusing jam

The paper jam counter for the fusing unit reaches 3 times. The paper jam counter is cleared if the paper is fed correctly.

561 A

Pressure roller thermistor error: End

The temperature at the end of the pressure roller measured by the thermistor does not reach 0°C for 37 seconds.

562 A

Pressure roller thermistor warm-up error: End

The heating roller rotation sensor does not reach 20°C for 100 seconds after the fusing/paper exit motor has turned on with sheets of 257 mm or more in width.

563 A

Pressure roller overheat: End (software error)

The detected pressure roller temperature stays at 215°C or more for 1 second for 10 consecutive times.

564 A

Pressure roller overheat: End (hardware error)
The thermistor detects 220°C or more.

571-00 A

Pressure roller thermistor error: Center
The center temperature of the pressure roller measured by the thermistor does not reach 0°C for 37 seconds.
Best Regards!

572-02 A

Pressure roller thermistor warm-up error: Center
The center temperature of the pressure roller measured by the thermistor does not reach 20°C within 100 seconds after the heater turns on.

573 A

Pressure roller overheat : Center (software error)
The detected pressure roller temperature stays at 215°C or more for 1 second for 10 consecutive times.

574 A

Pressure roller overheat : Center (hardware error)
The thermistor detects 220°C or more.

No. Type Details (Symptom, Possible Cause, Troubleshooting Procedures)

620 D

ARDF communication error
After the ARDF is detected, the break signal occurs or communication timeout occurs

622 D Paper tray unit communication error

While the IOB communicates with an optional unit, an SC code is displayed if one of following conditions occurs.

- ♣ The IOB receives the break signal which is generated by the peripherals only just after the main switch is turned on.
- ♣ When the IOB does not receive an OK signal from a peripheral 100ms after sending a command to it. The IOB resends the command. The IOB does not receive an OK signal after sending the command 3 times.

636 D

SD Card Error 001
Expanded authentication module error

637 D

Tracking information notice error
-001

641 D

Communication error: Engine -> Controller (No response)

No response from engine to frame after frame sending from controller with RAPI protocol. (No response after 3 attempts of sending every 100 ms)

669 D

EEPROM communication error

Retry of EEPROM communication fails three times after the machine has detected the EEPROM error.

670 D

Engine start up error

The BCU fails to respond within the prescribed time when the machine is turned on.

672 D

Controller start up error

♣ After the machine is powered on, the communication between the controller and the operation panel is not established, or communication with controller is interrupted after a normal startup.

♣ After startup reset of the operation panel, the attention code (FDH) or the attention acknowledge code (FEH) is not sent from the controller within 30 seconds.

♣ After the controller issues a command to check the communication line with the controller at 30-second intervals, the controller fails to respond twice.

683 B

RFID: Unit check error

The machine gets RFID communication error even the toner cartridges have not been installed in the machine.

687 D

Memory address command error

The BCU does not receive a memory address command from the controller 120 seconds after paper is in the position for registration.

All SC8xx

Software performance, SD card access and HDD related errors

All SC9xx

Software performance, NVRAM access and HDD related errors