

Repair Guide for Symmetry 3.0 Series



Revision1 02.15.21AC

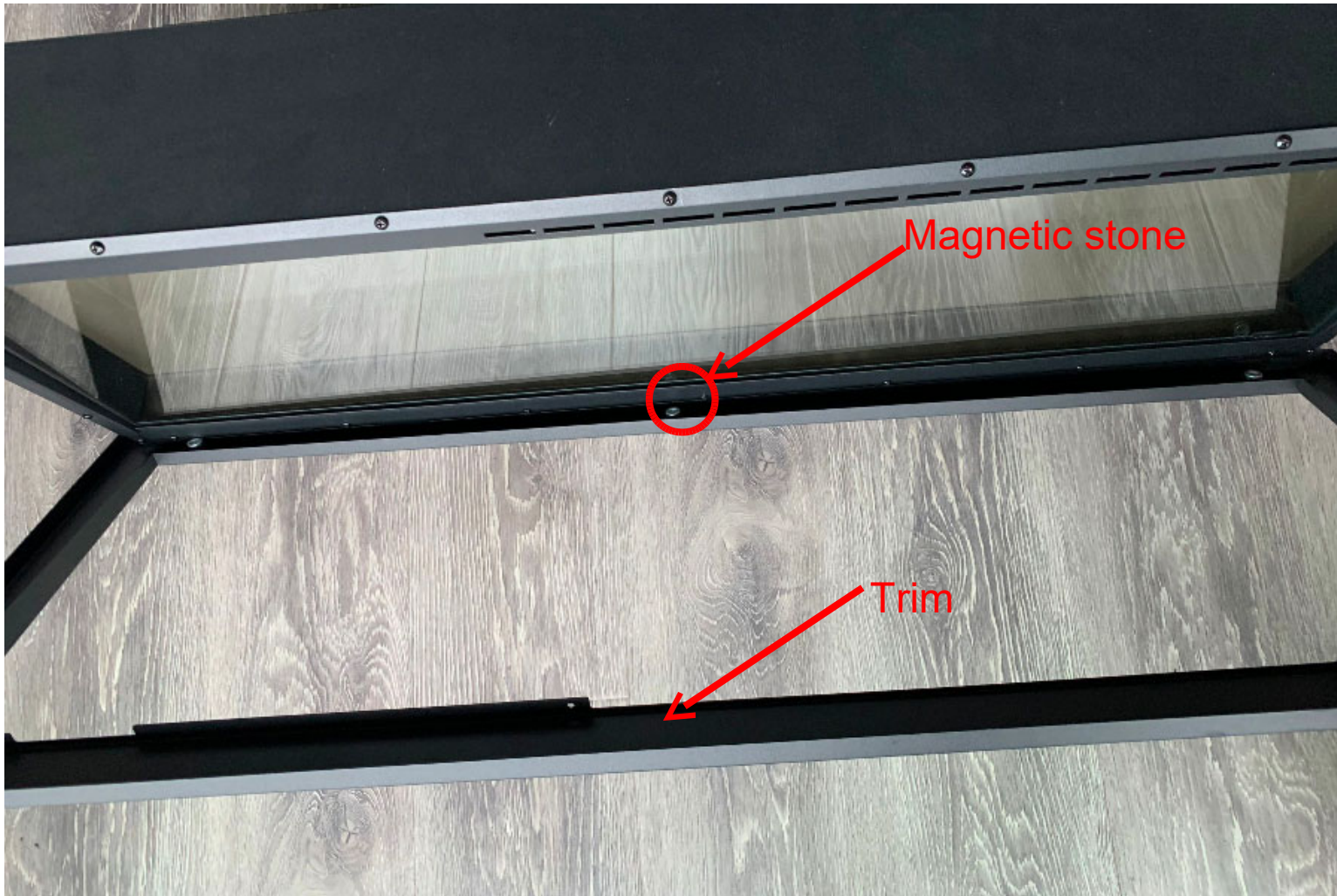
Content

- Replacing the LED lights
- Replacing the flicker motor
- Replacing the heater
- Replacing the circuit board
- Replacing the signal receiver
- Replacing the canopy light
- Replacing the touch panel
- Replacing the Wi-Fi card

Replacing the LED tray lights



Step 1 To remove the trim, remove the screws circled in red.



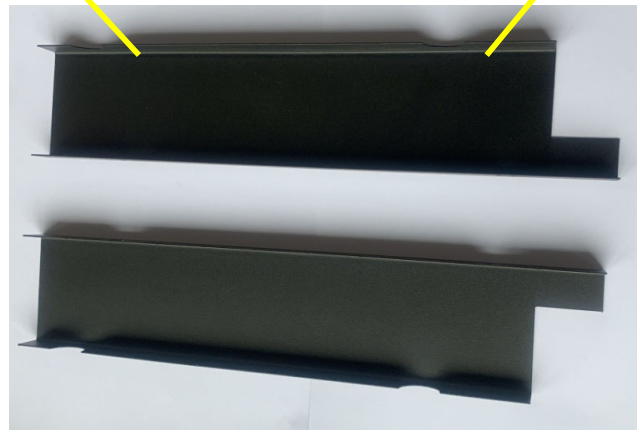
Note that there are magnetic stones securing the bottom of the trim to the fireplace

Step 2 After the trim is removed, remove the front glass panel



Step 3

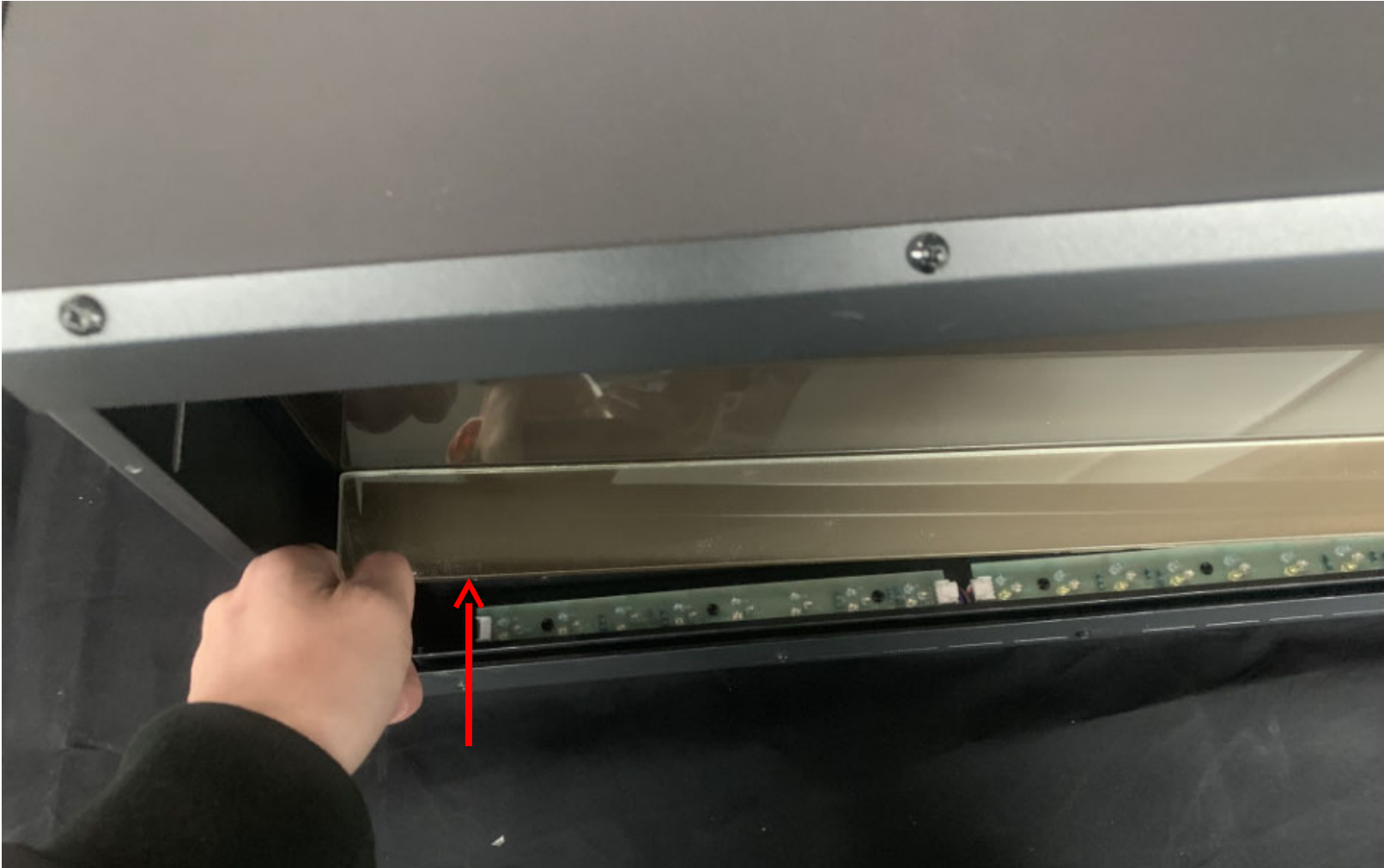
Remove the steel panels holding the glass tray by removing the screws circled in red



The steel panels

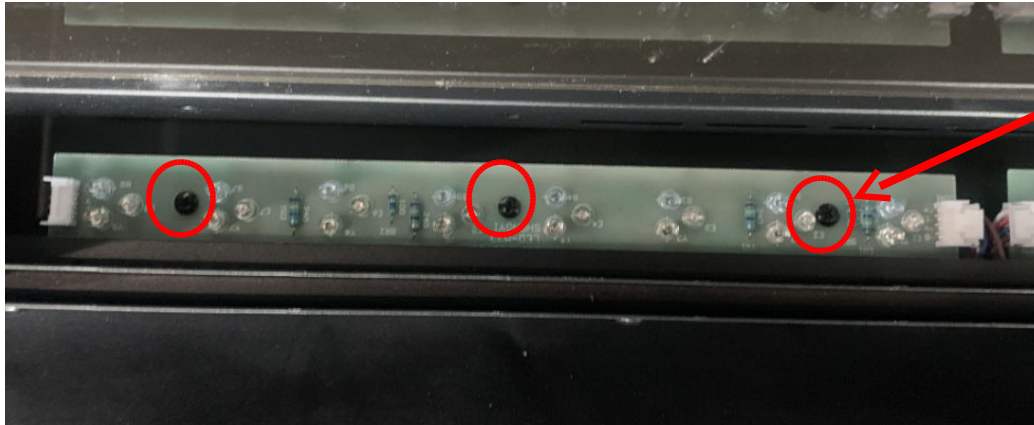
Step 4

To remove the tray glass panel, lift one end upwards. The tray lights are below the glass panel.

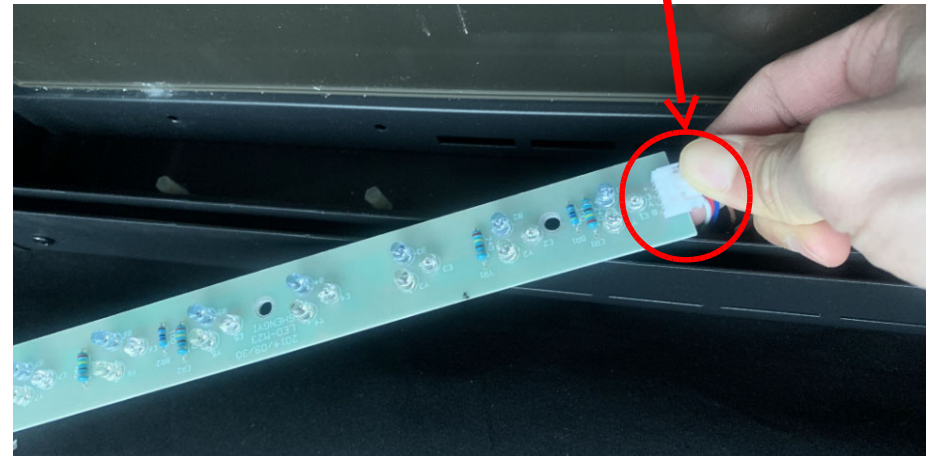
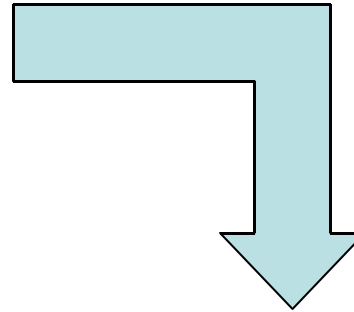


Step 5

Replacing the failed LED strip with a new one requires removing the screws and unplugging the buckle



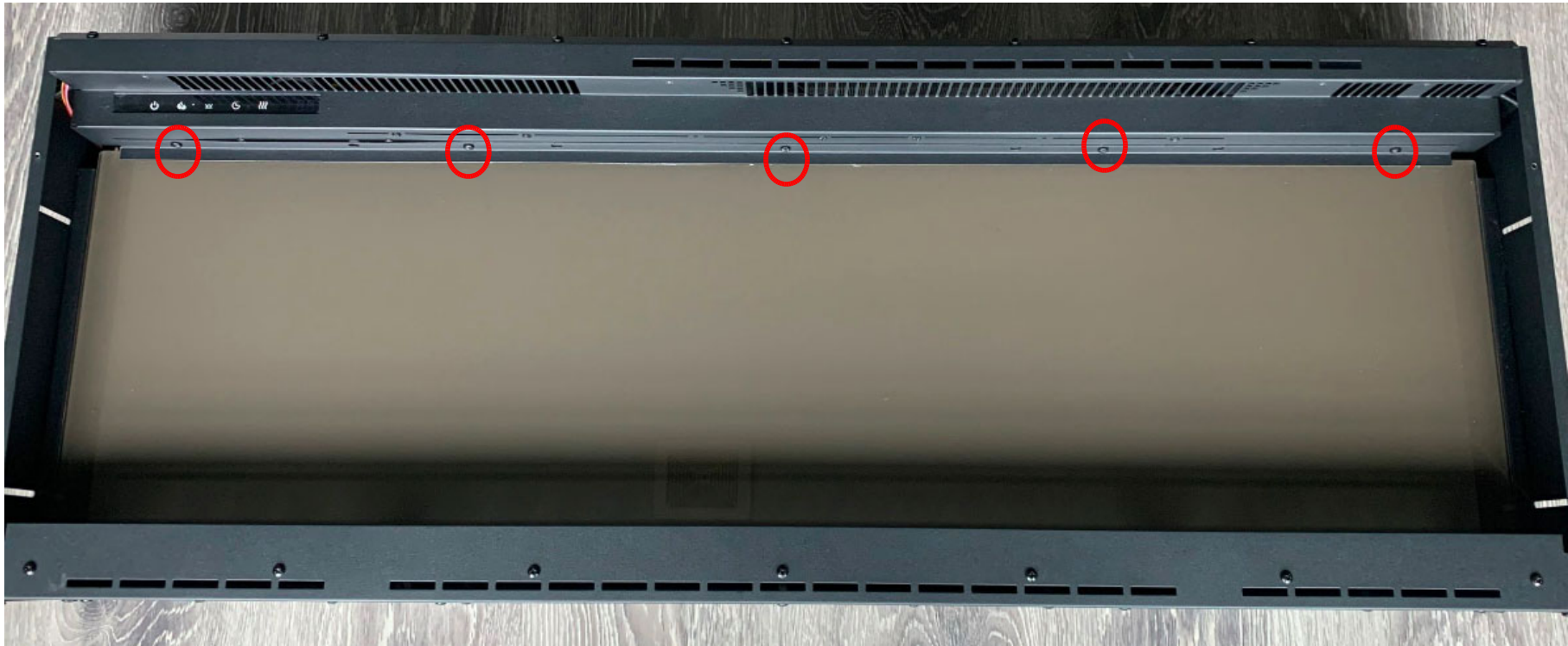
Unscrew



Unplug

Replace Flame LED light

You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights.



Step 1 Once the screws circled in red are unfastened, remove the steel bar fixing the back glass and remove the glass



Zoomed View

Zoomed View

Step 2

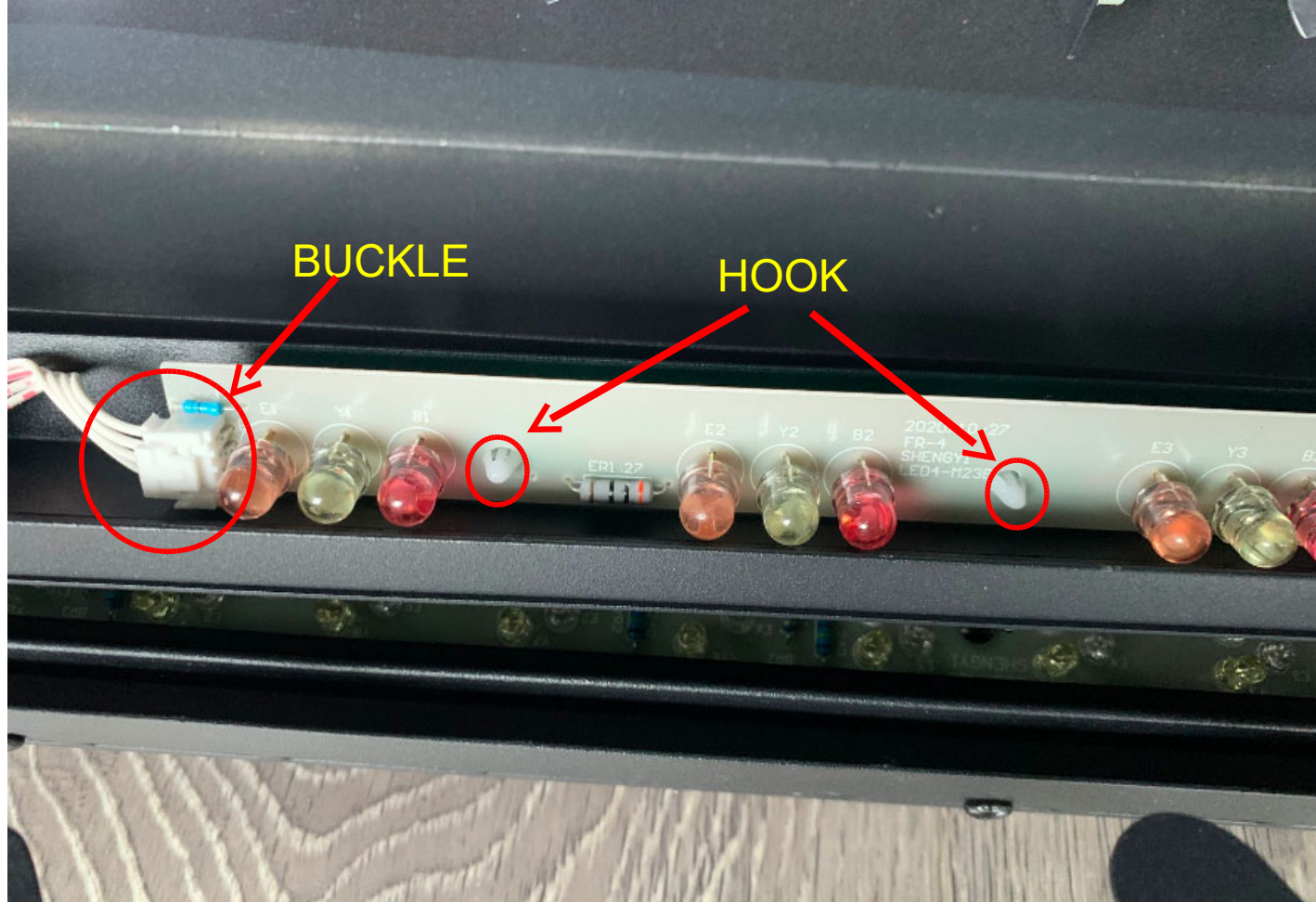
Simply undo the screws circled in red to remove the flame stencil



Flame LED strips are attached to the back of the flame stencil

Horizontal view

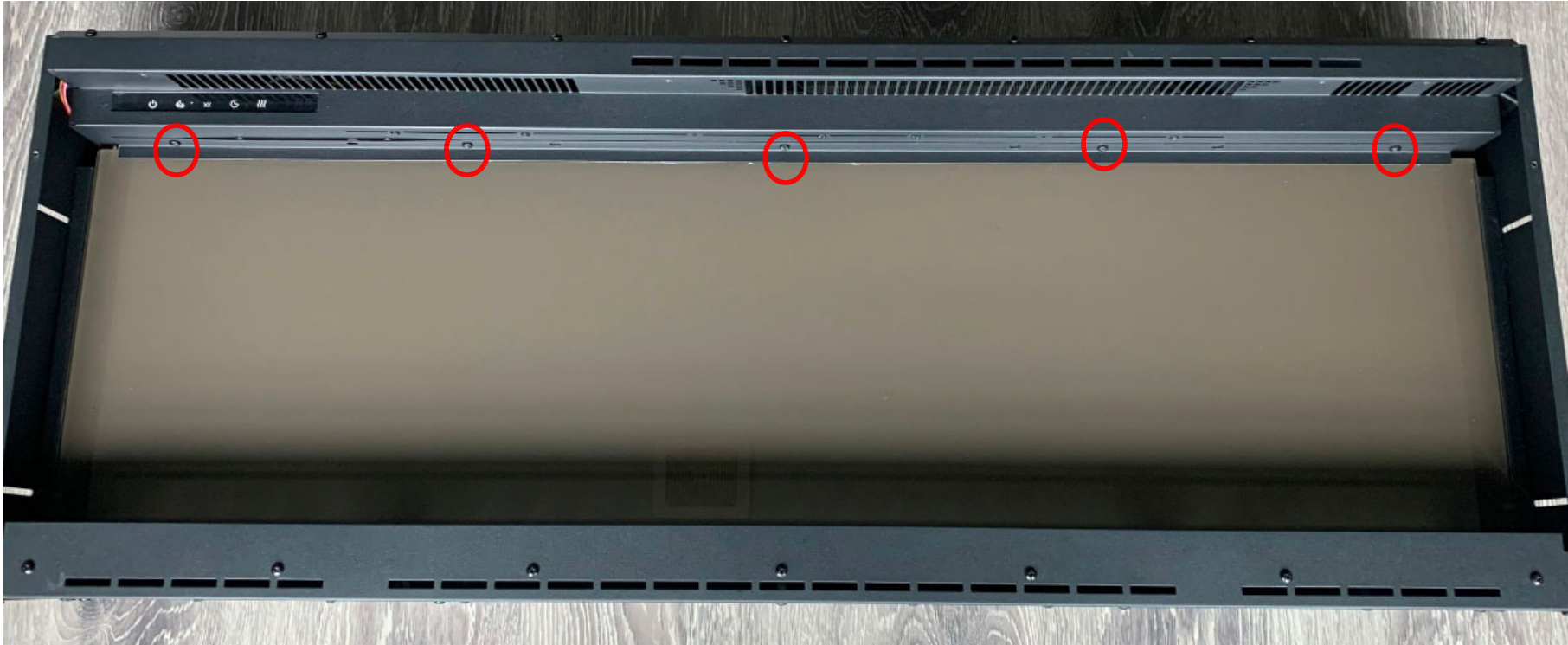




Step 3 Disconnect the LED strip from the hook and unplug the buckle to replace the LED strip

Replacing the flicker motor

You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights.



Step 1 The steel bar fixing the back glass must be removed by unscrewing the screws circled in red. The back glass can then be removed



Zoomed View

Zoomed View

Step 2

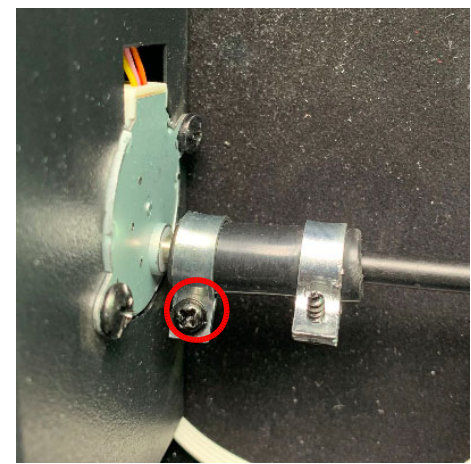
Simply undo the screws circled in red to remove the flame stencil



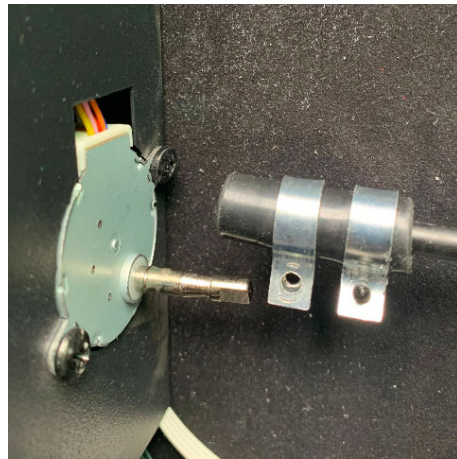
On the left side is the flame motor that appears after the flame stencil has been removed



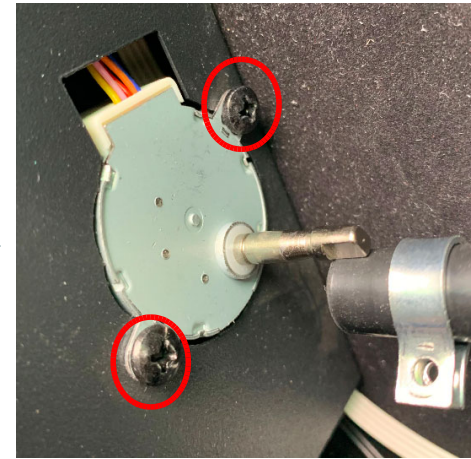
Step 3



Remove the screw

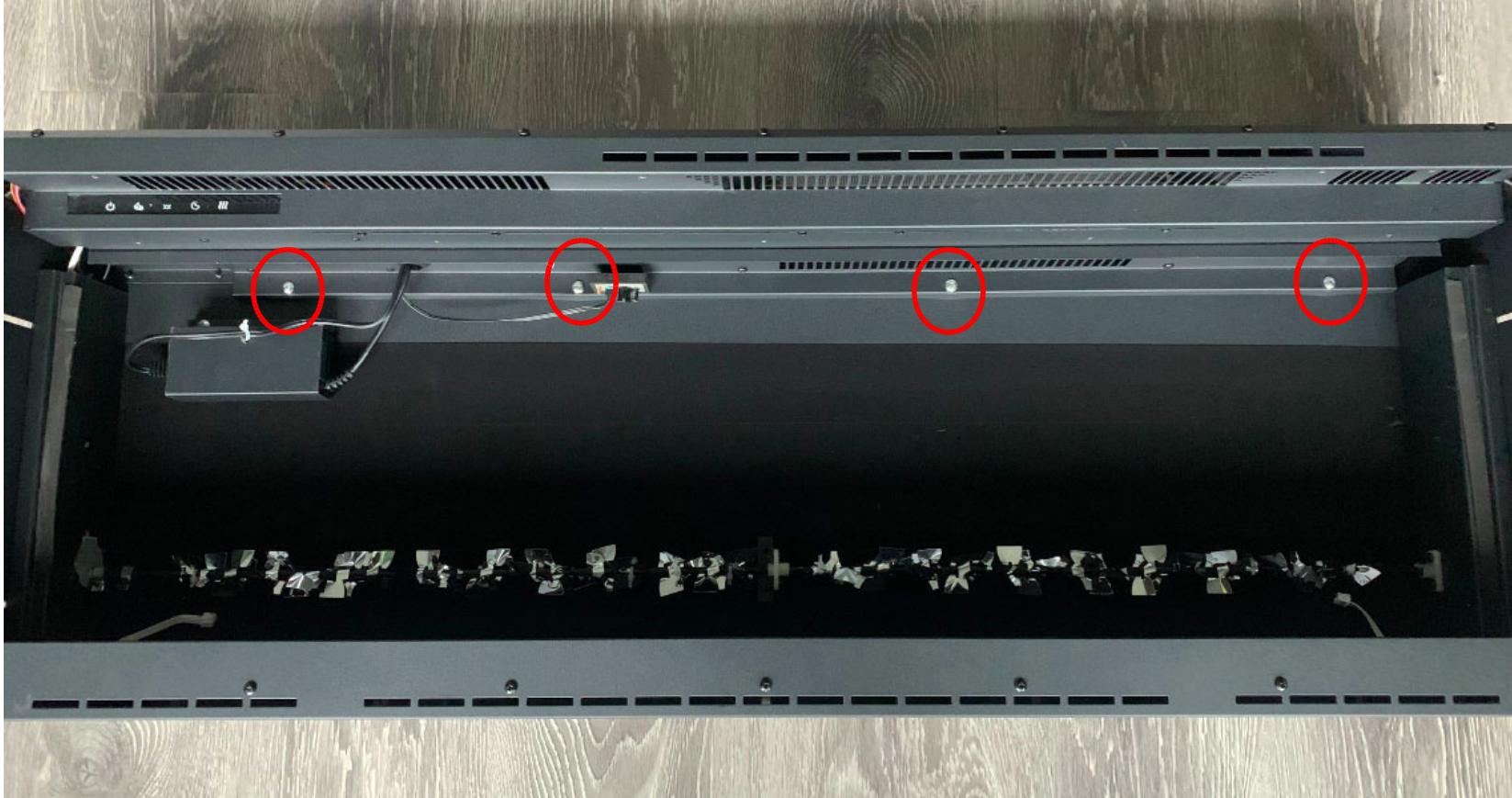


Disconnect the motor from the rod



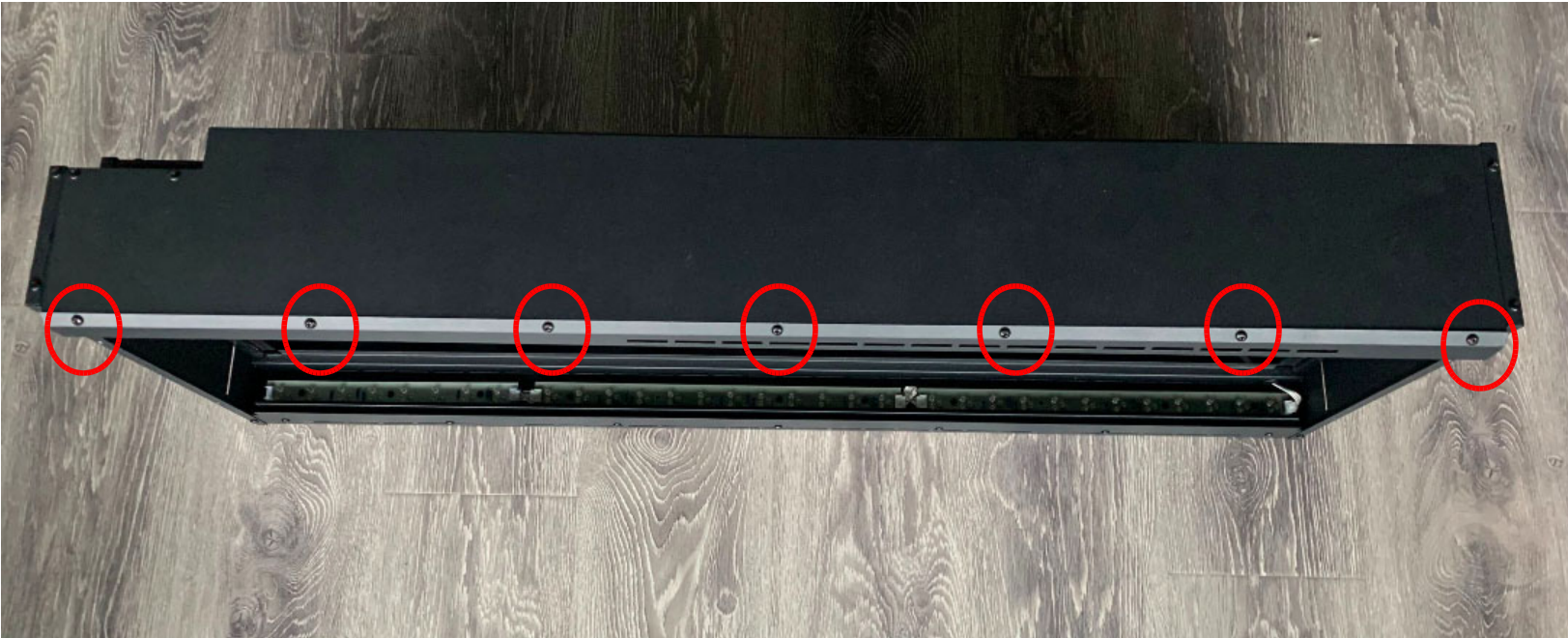
Remove the screws to take off the motor

Step 4



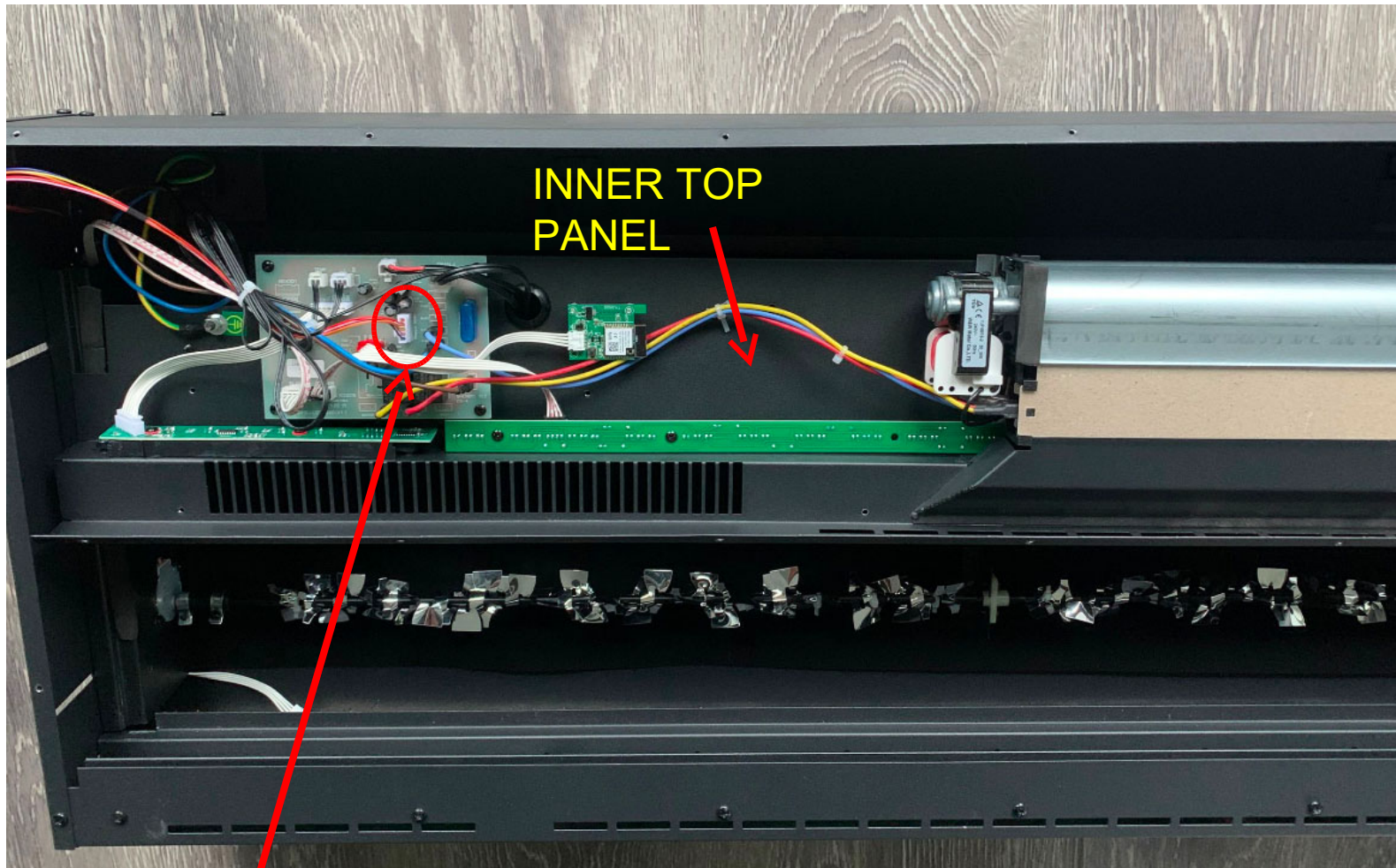
Remove the screws circled in red.

Step 5



Remove the inner top panel by removing the screws circled in red

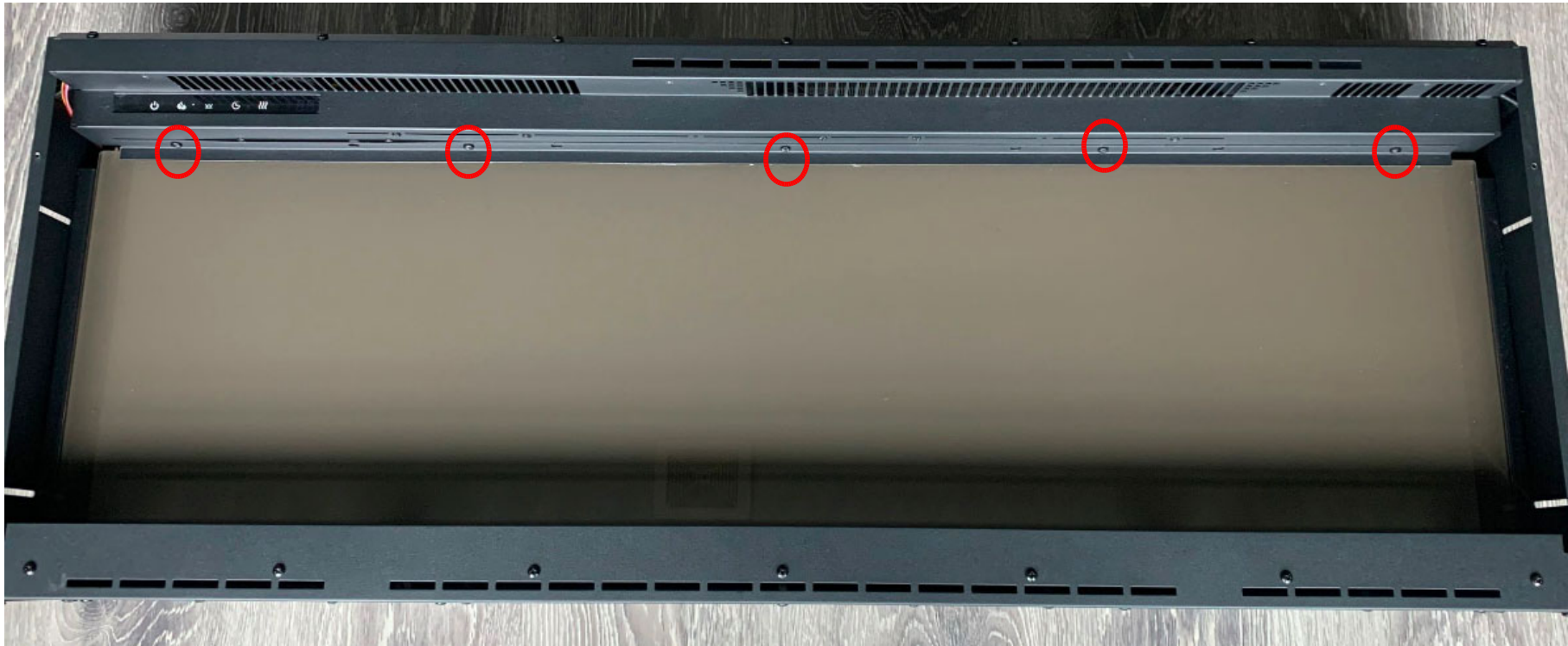
Step 6



A new flame motor can be replaced by unbuckling the flame motor from the circuit board

Replace the heating element

You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights

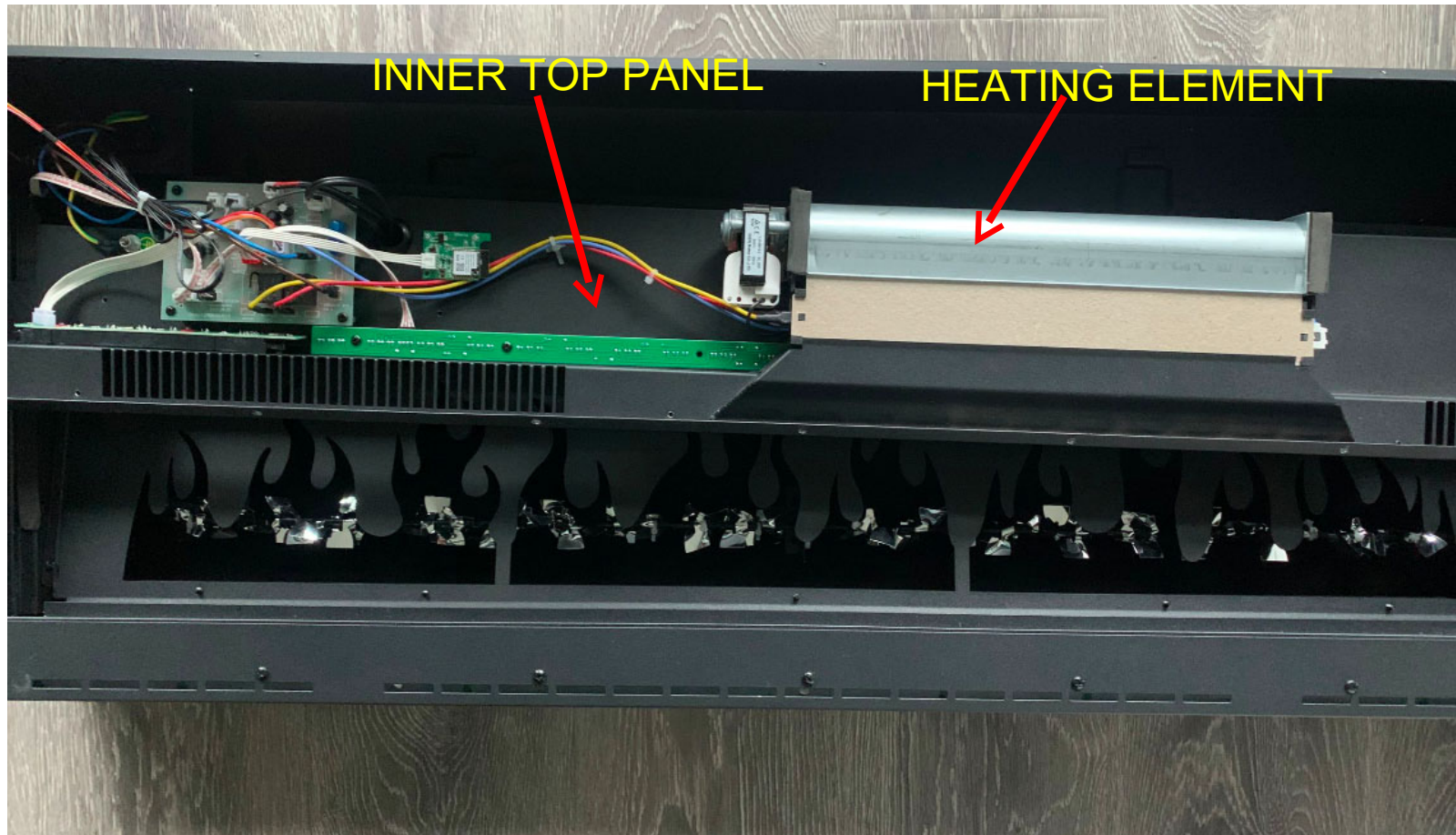


Step 1 Once the steel bar supporting the back glass has been removed, remove the screws circled in red and remove the glass from its mounting.

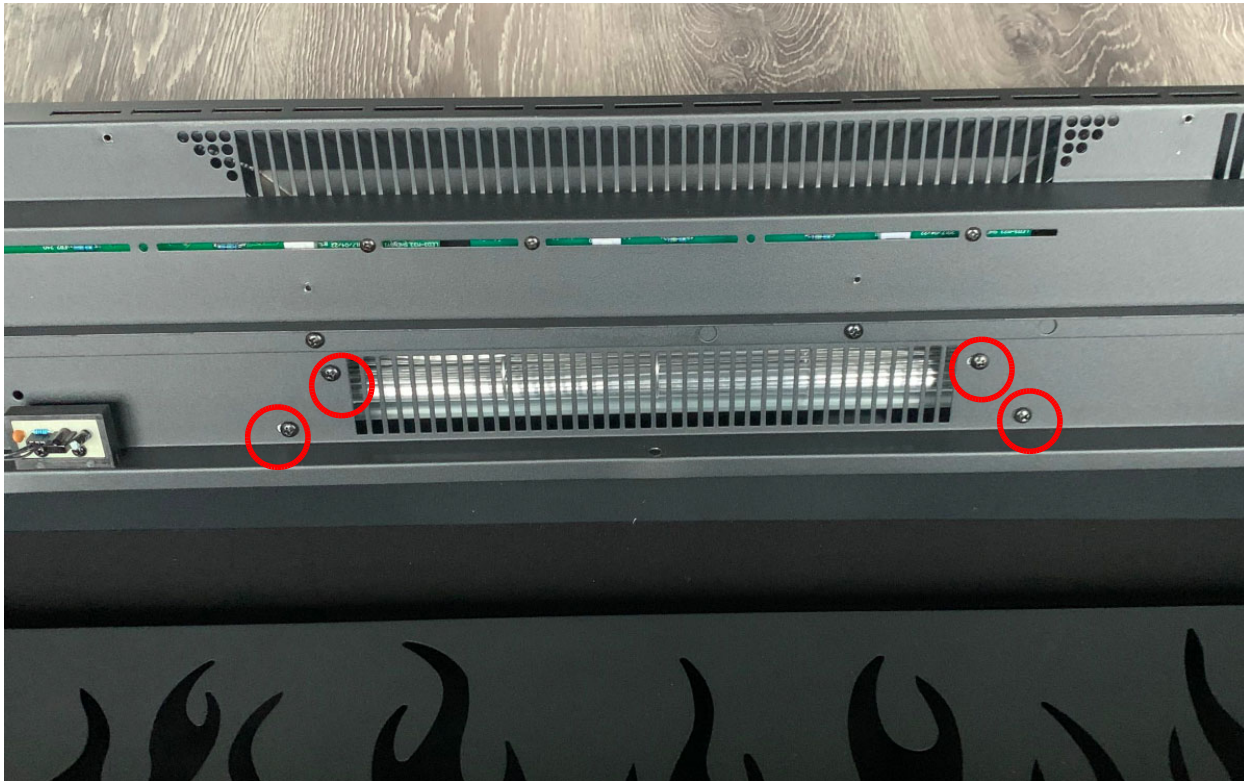
Step 2 Remove the screws circled in red to take off the inner top panel.



The inner top panel holds the heating element, circuit board, signal receiver, and WiFi card.

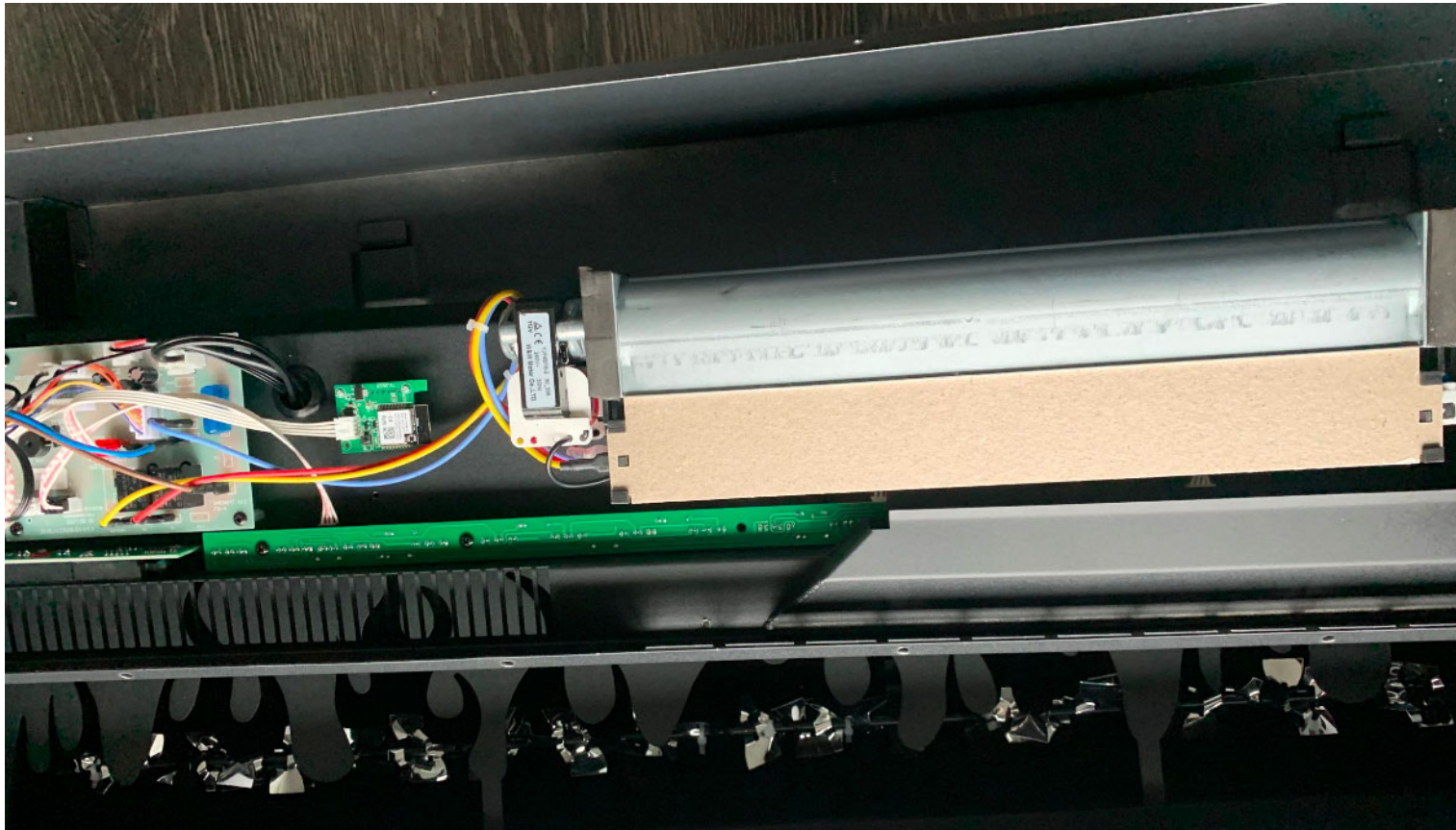


Step 3 To disconnect the heating element from the inner top panel, remove the screws circled in red



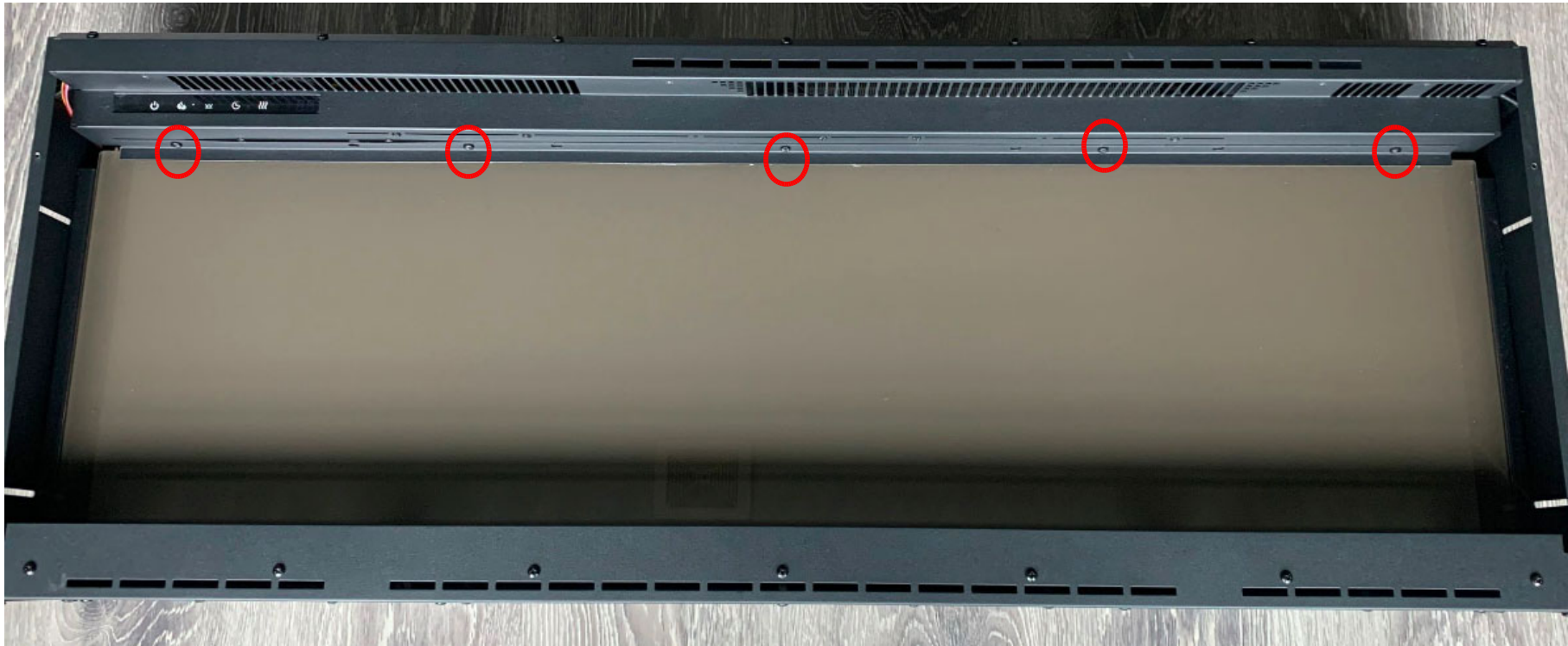
Step 4

The heating element must be unplugged to be changed



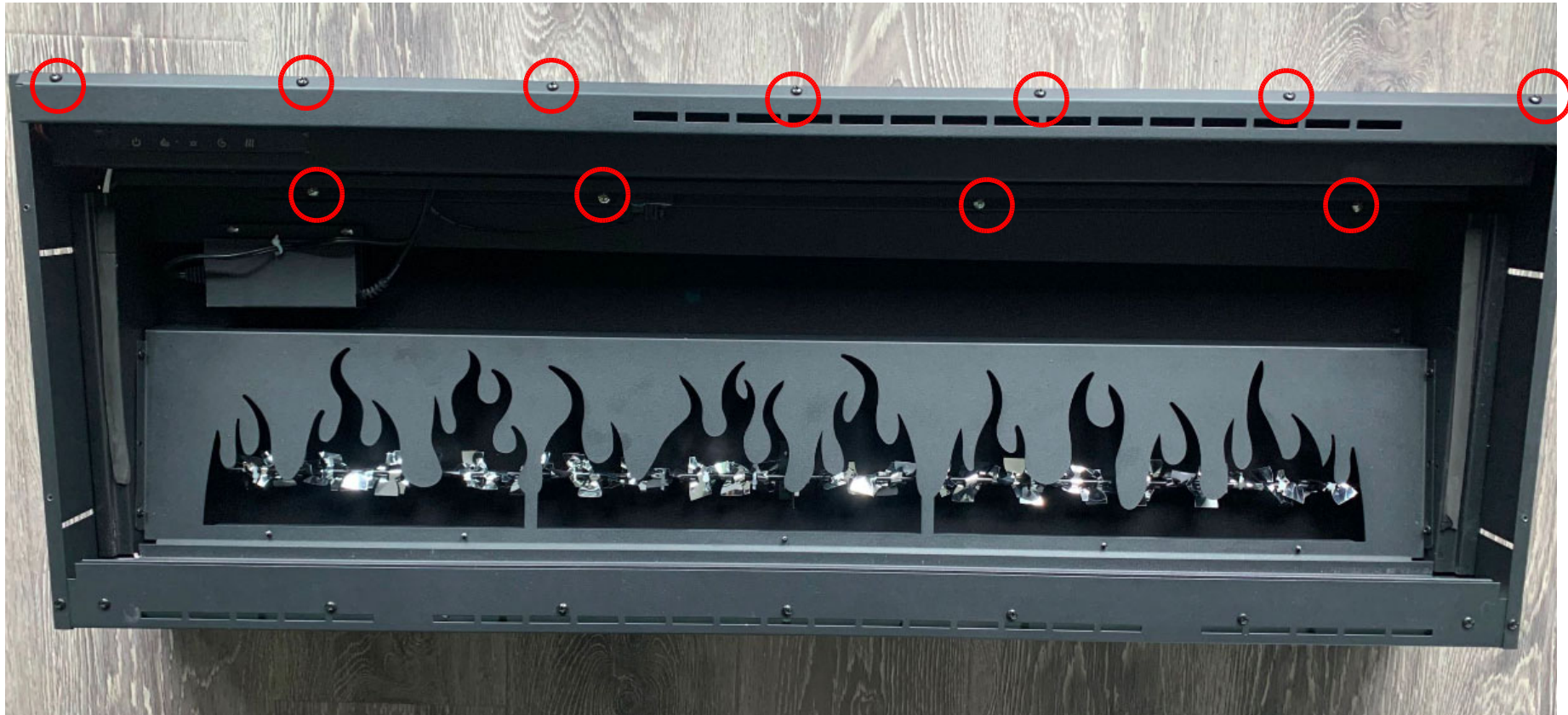
Replace the PCB board

You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights.

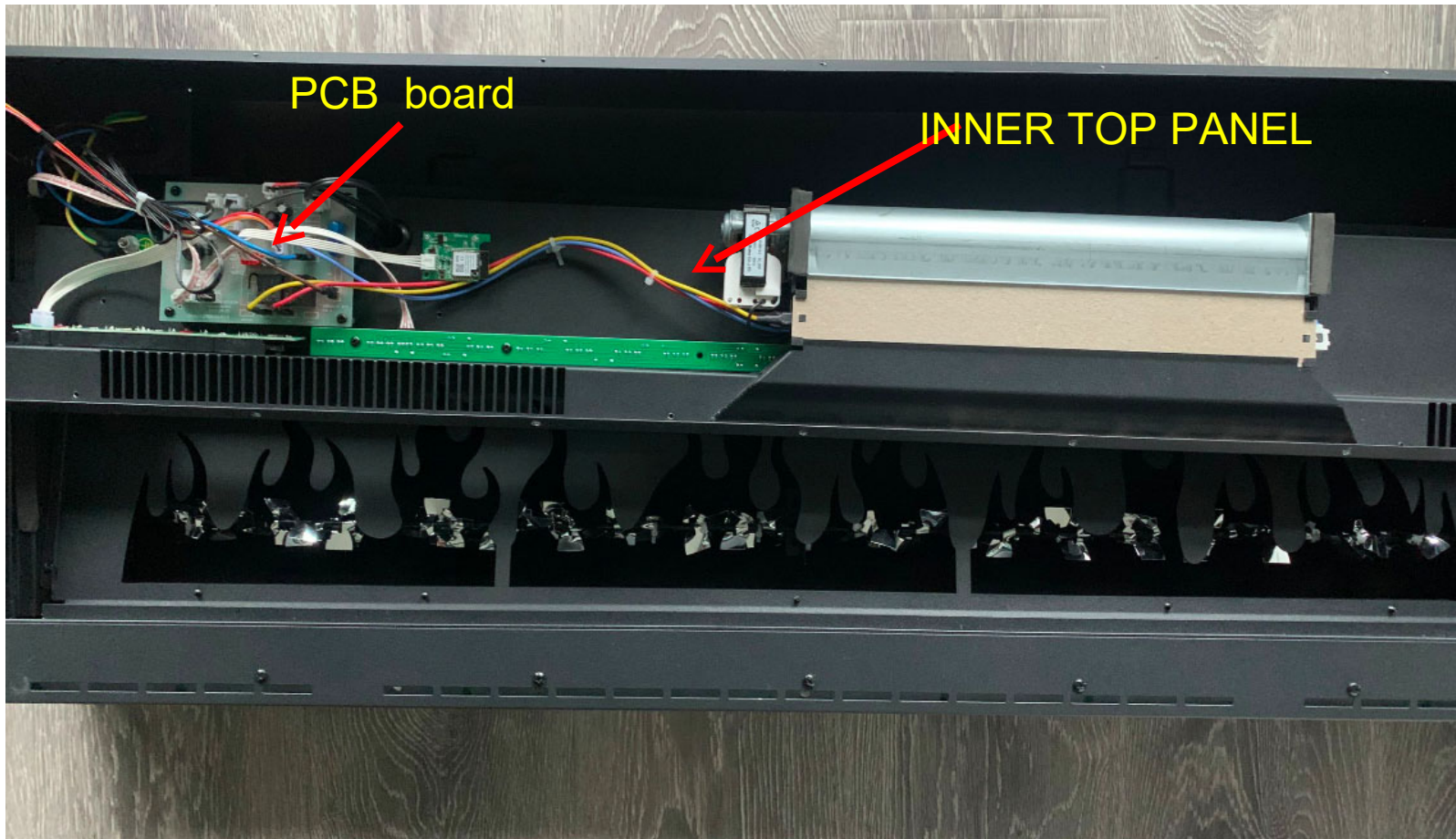


Step 1 The steel bar fixing the back glass can be removed by unscrewing the screws circled in red and then removing the glass

Step 2 Remove the screws circled in red to take off the inner top panel.

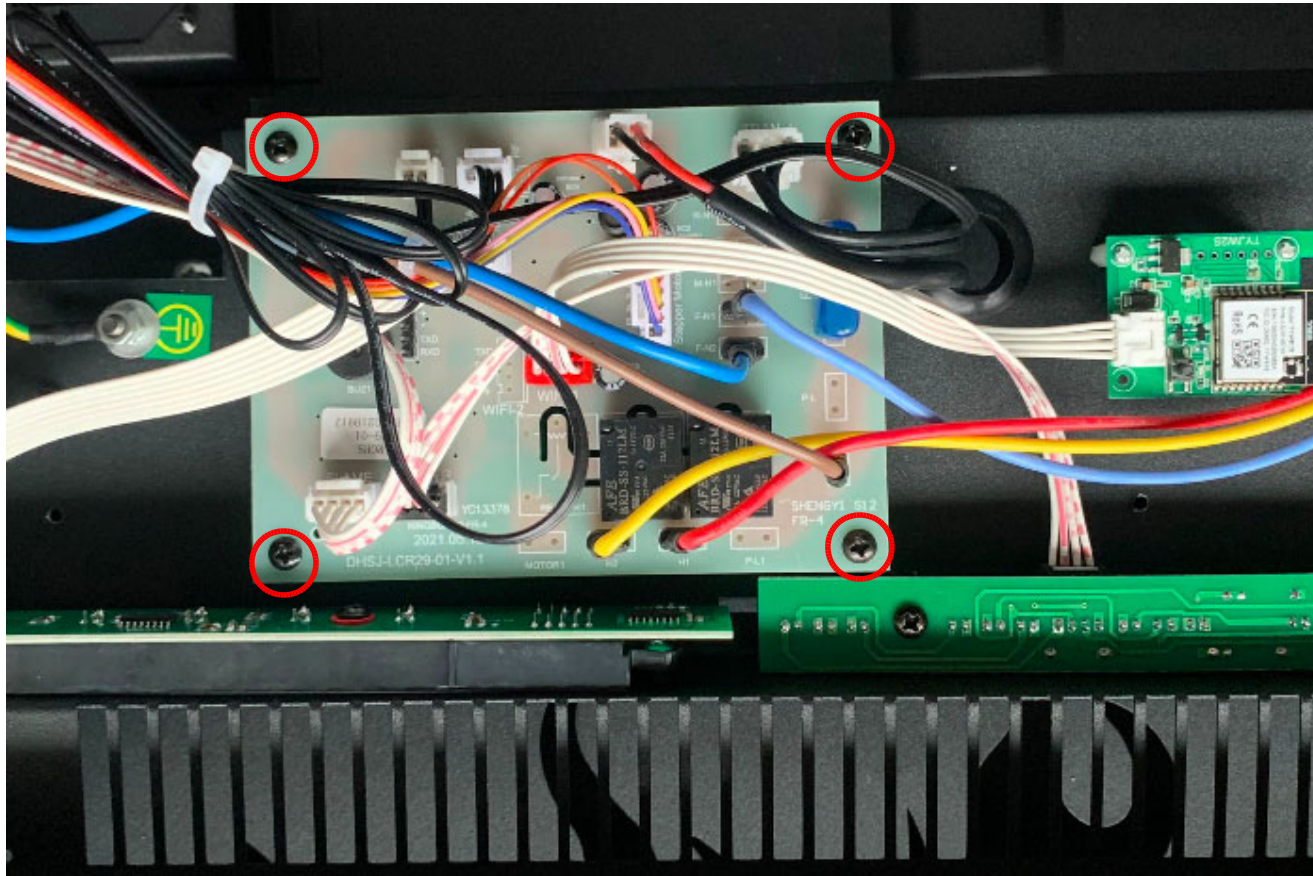


The inner top panel holds the heating element, circuit board, signal receiver, and WiFi card.



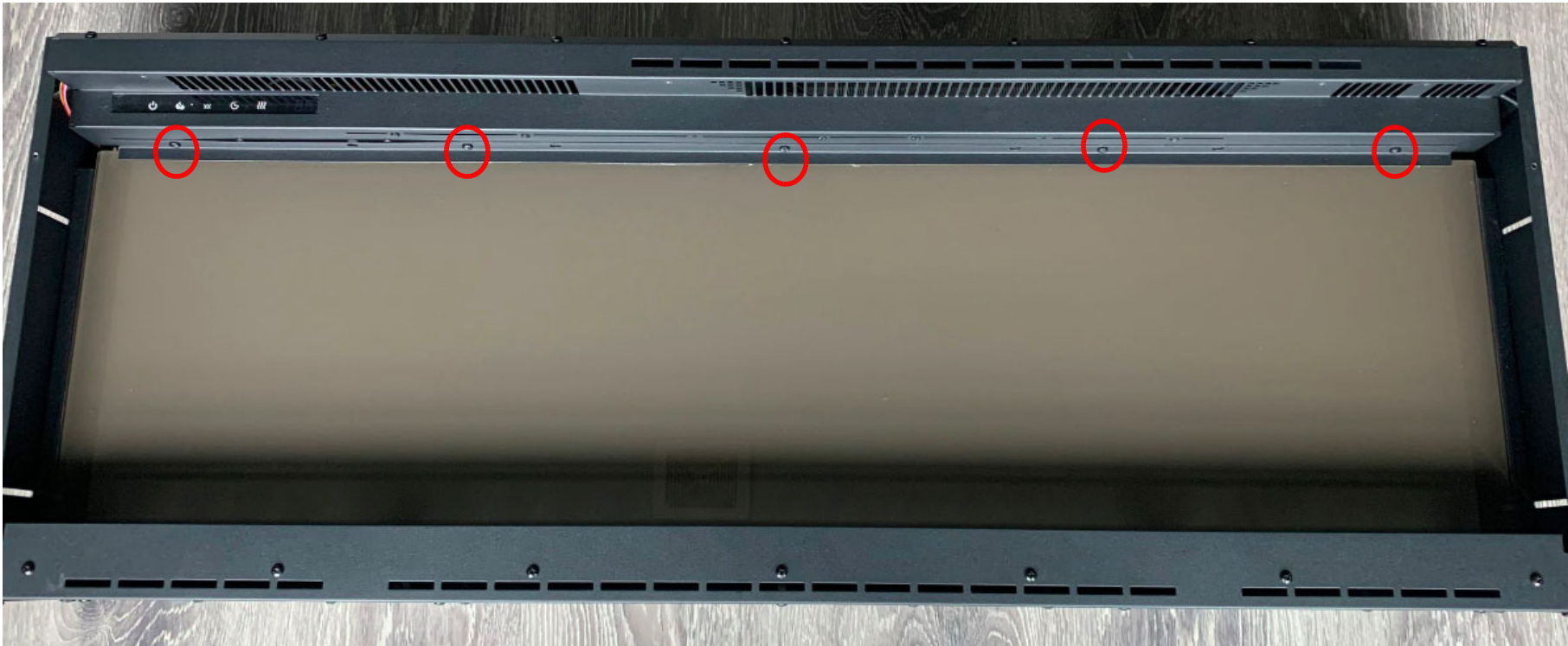
Step 3

Replacing the failed circuit board requires unscrewing the screws circled in red



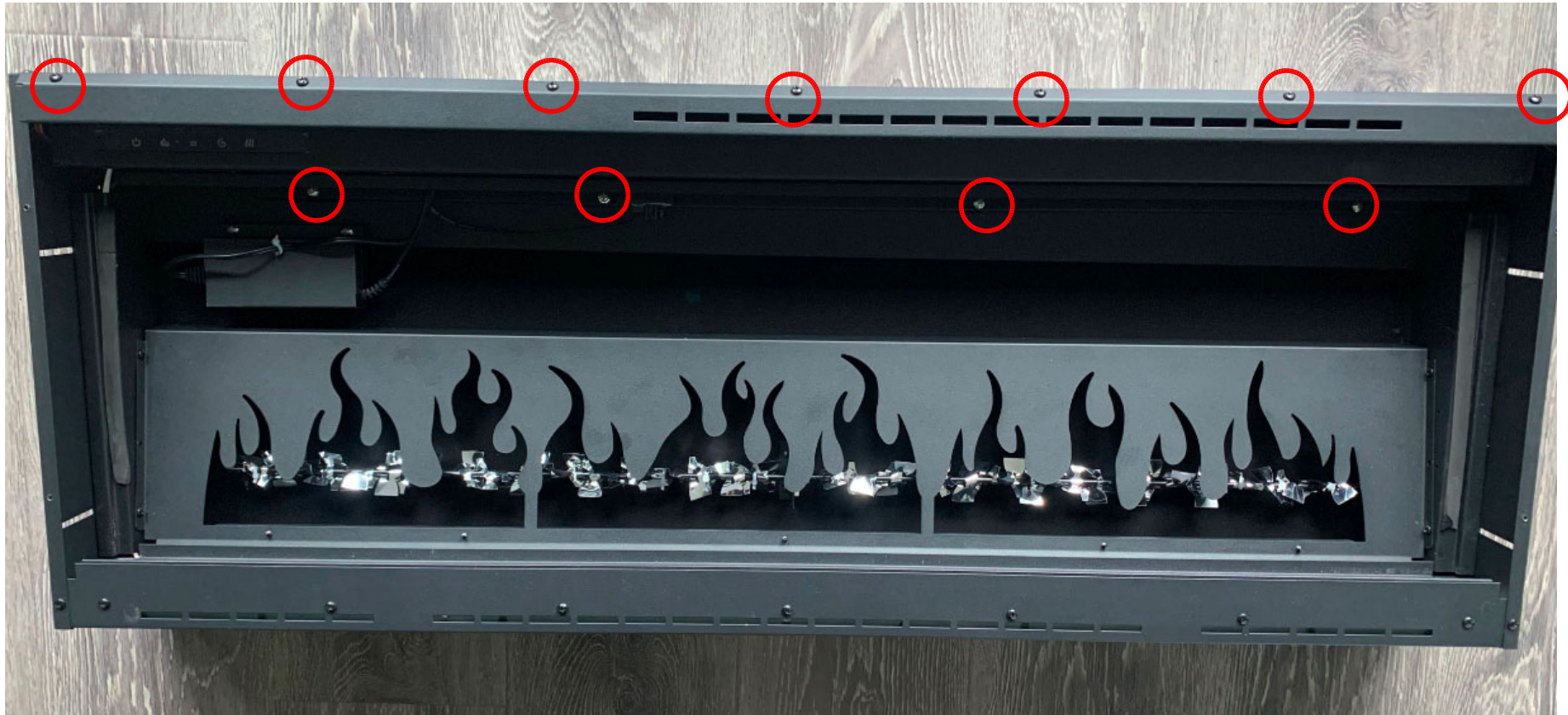
Replace the signal receiver

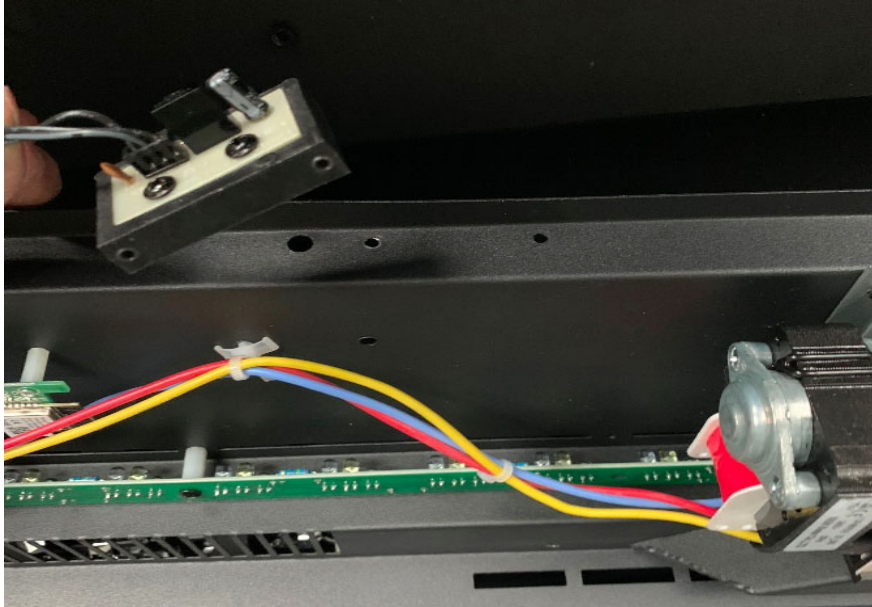
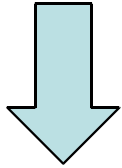
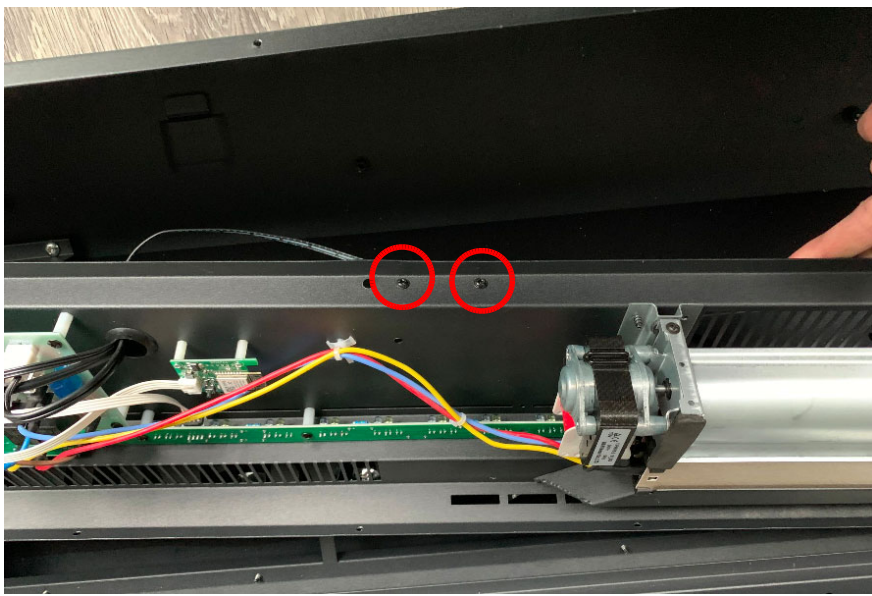
You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights



Step 1 The steel bar fixing the back glass can be removed by unscrewing the screws circled in red and then removing the glass

Step 2 Remove the screws circled in red to take off the inner top panel.





Step 3

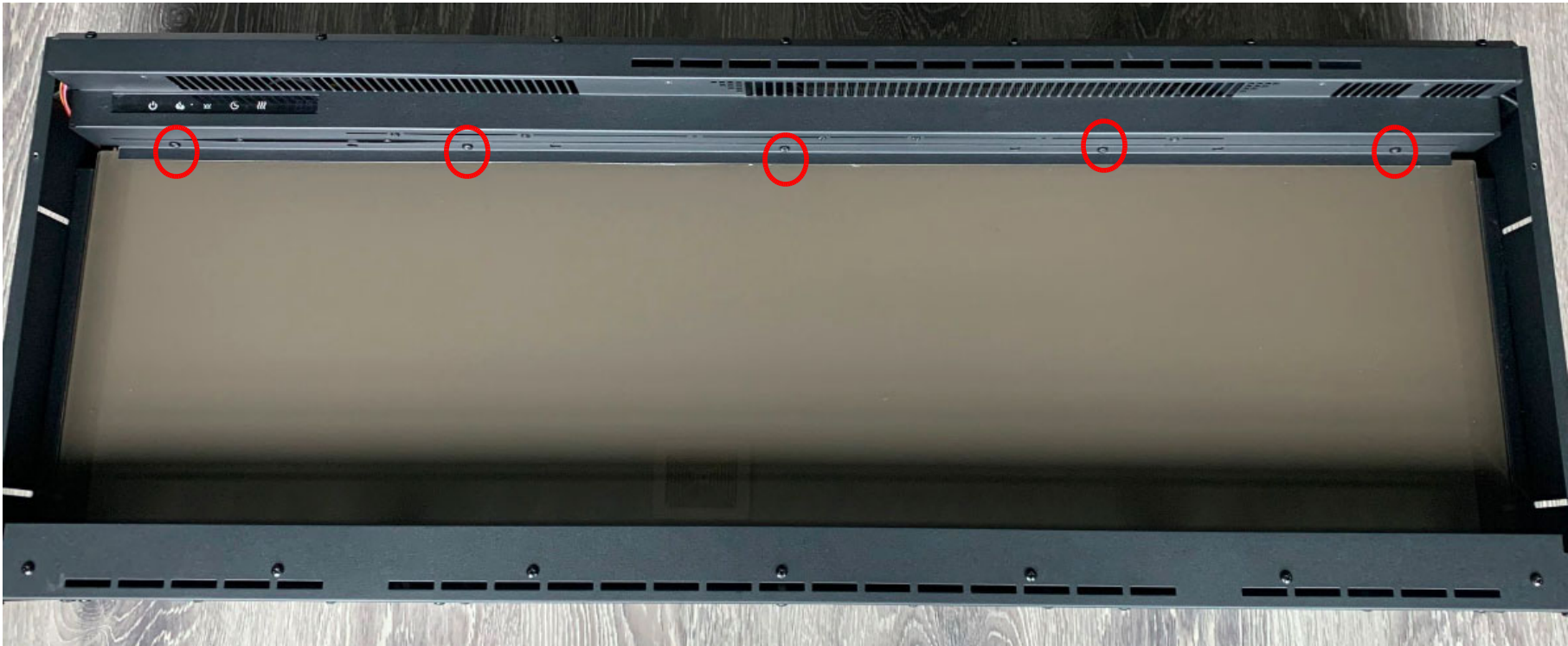
Remove the screws circled in red to disconnect the signal receiver from the inner top panel.

Step 5 Unplug the signal receiver from the circuit board and replace it with a new one.



Replace the Canopy light

You arrive here after following Step 1 to 4 in Replacing the LED Tray Lights

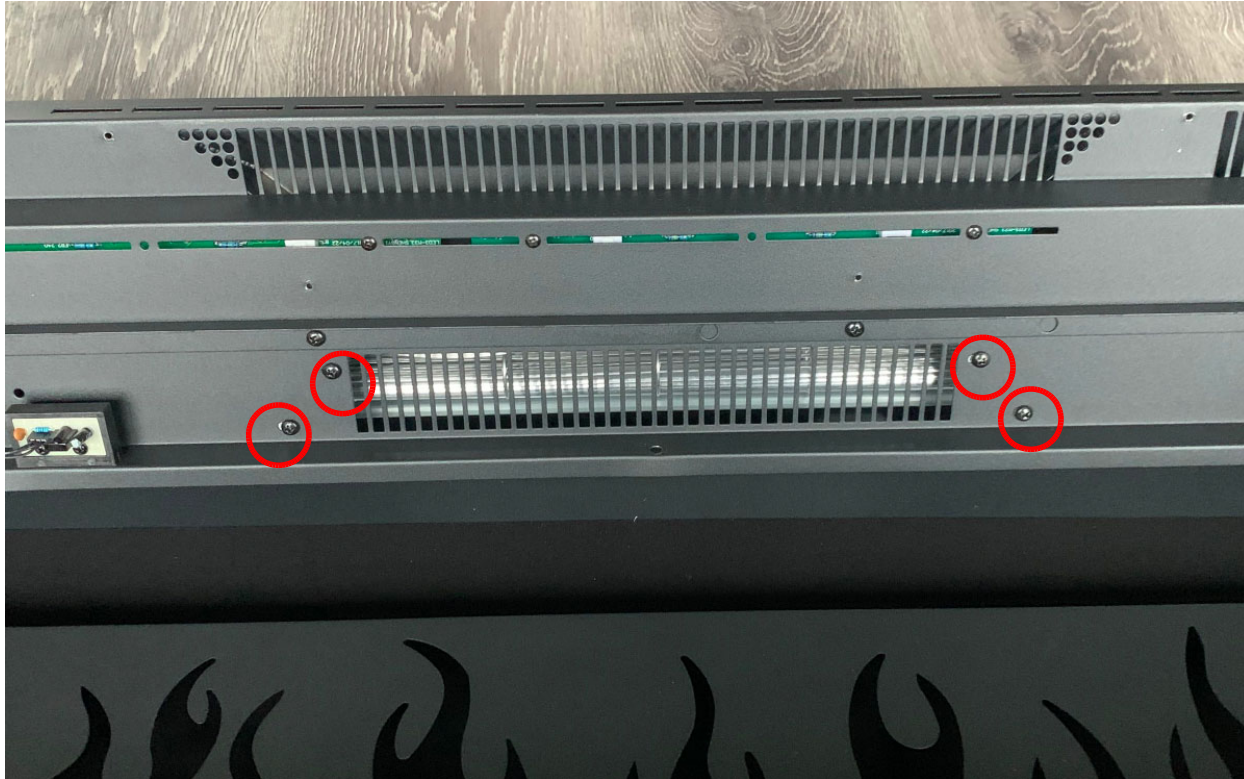


Step 1 The steel bar fixing the back glass can be removed by unscrewing the screws circled in red and then removing the glass

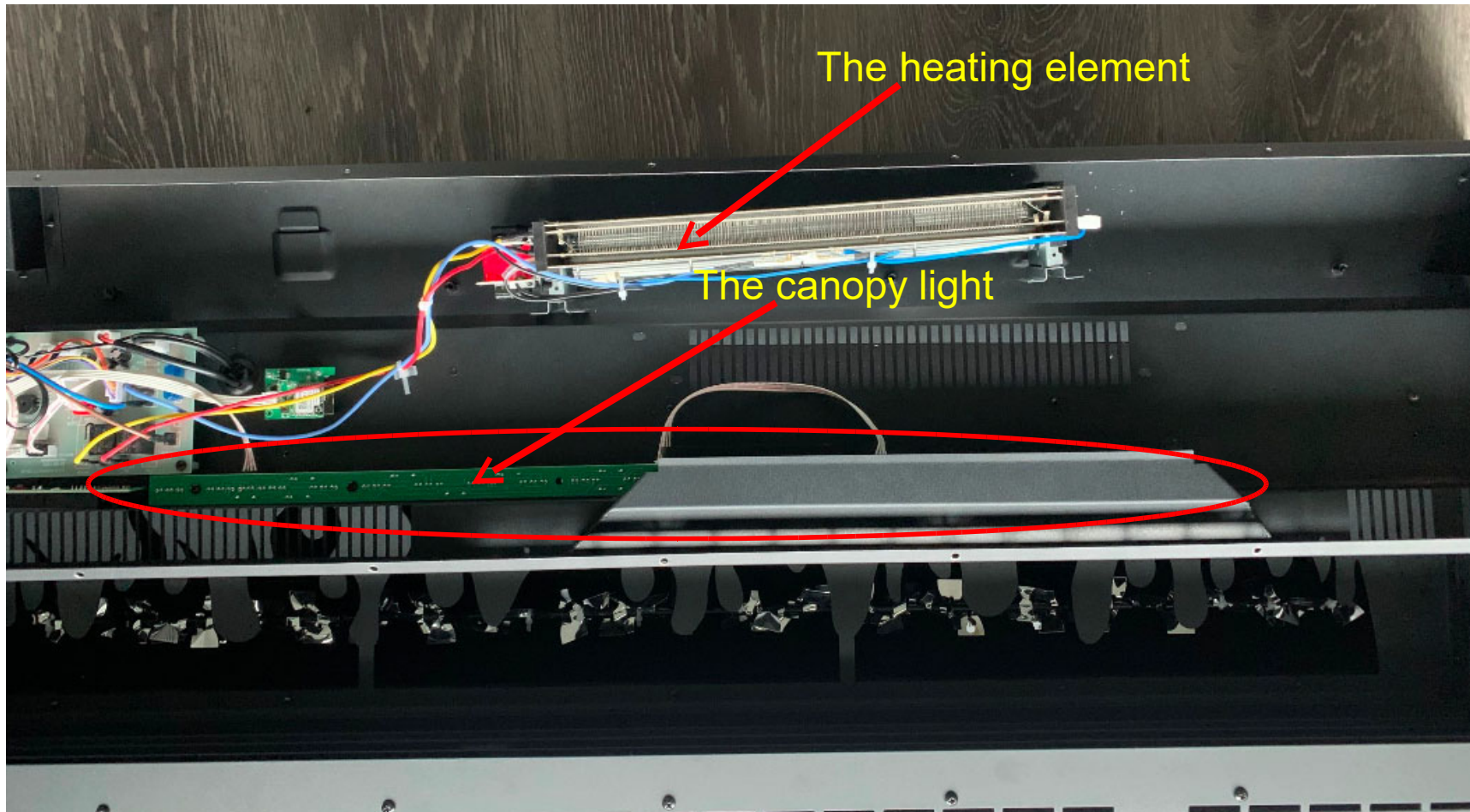
Step 2 Remove the screws circled in red to take off the inner top panel



Step 3 Unscrew the screws circled in red to disconnect the heating element from the inner top panel.



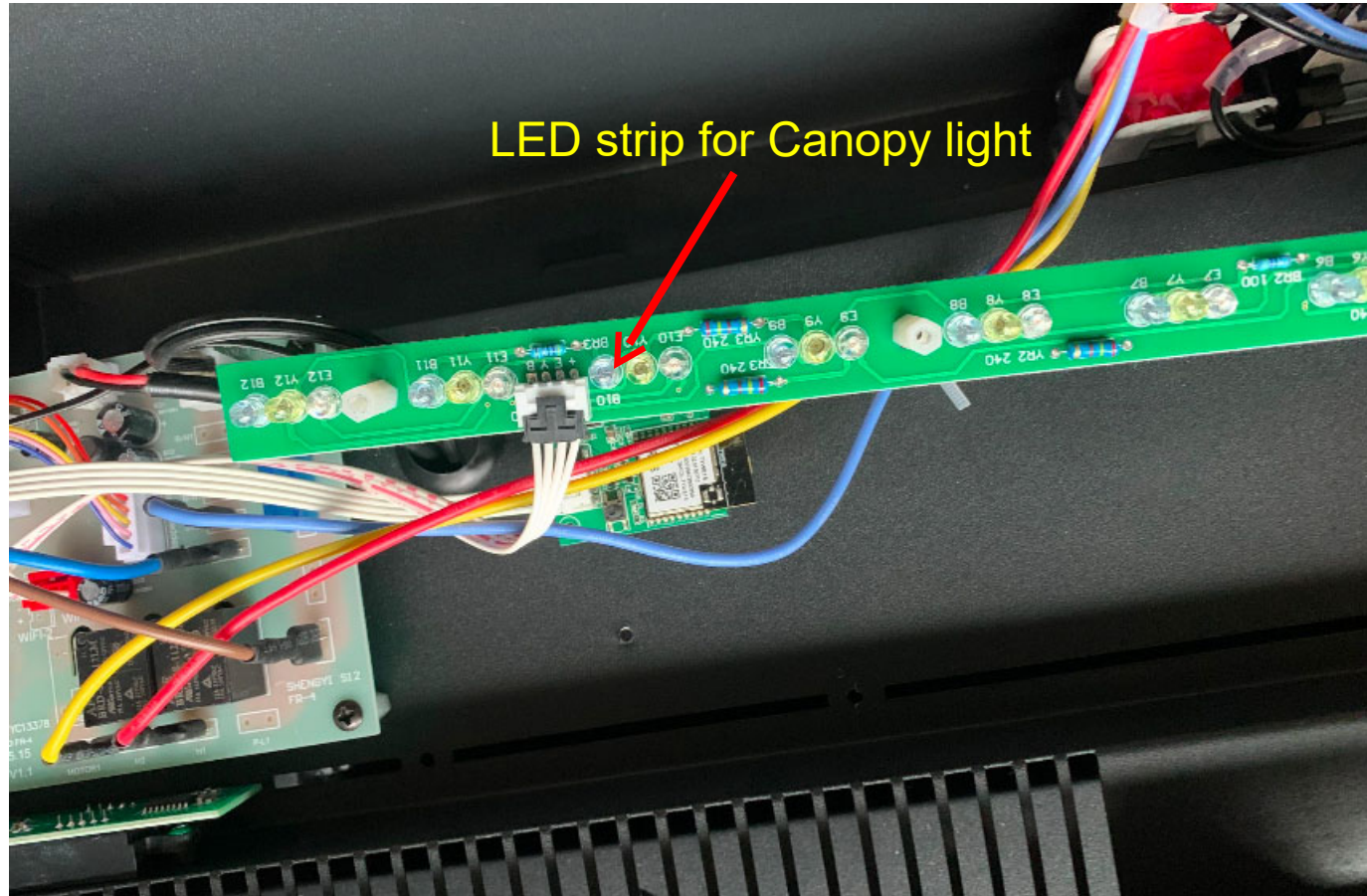
The heating element, PCB board, Canopy light ,Signal receiver and Wi-Fi card are all fixed on inner top panel



Step 4 Unscrew the screws circled in red to disconnect the Canopy light from the inner top panel.

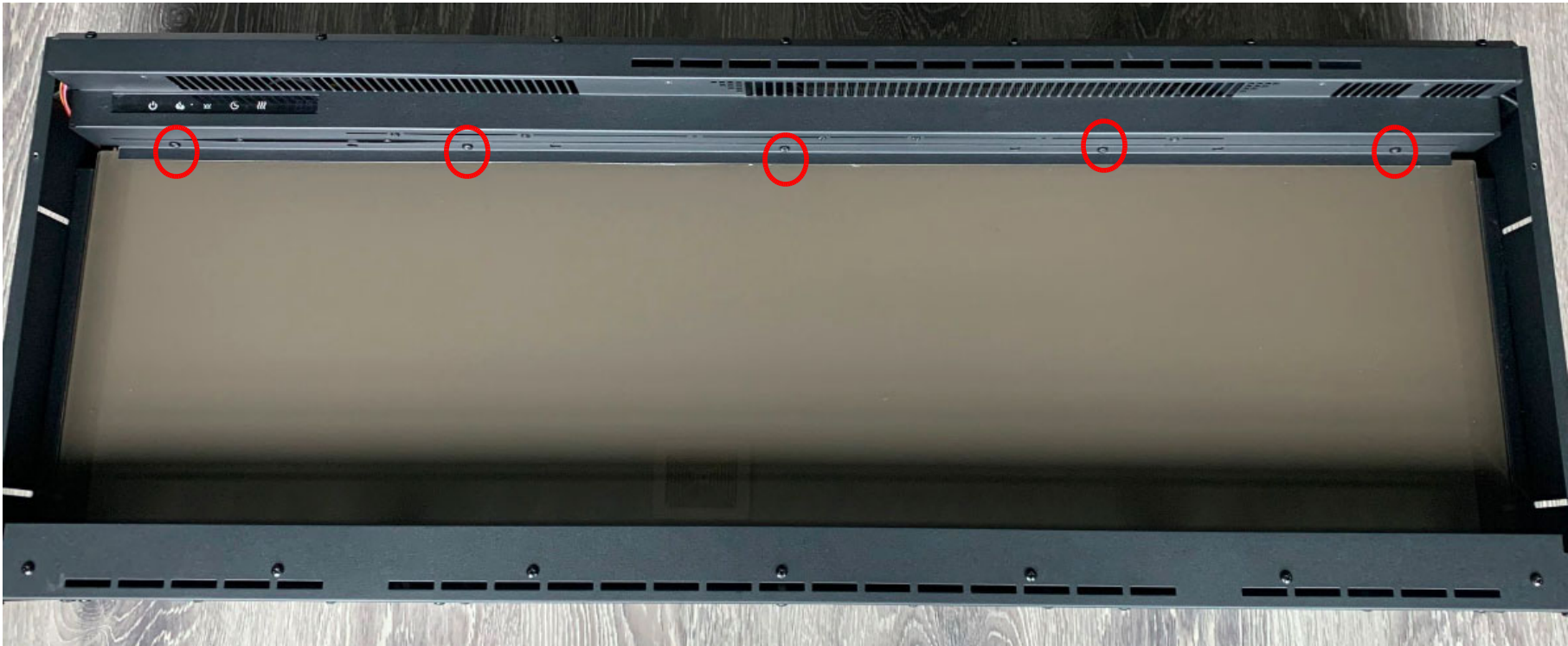


Step 5 Unplug to change a new LED strip for Canopy light.



Replace the Touch panel

Follow STEP 1 to 4 in Replace tray LED light, you arrive at here.

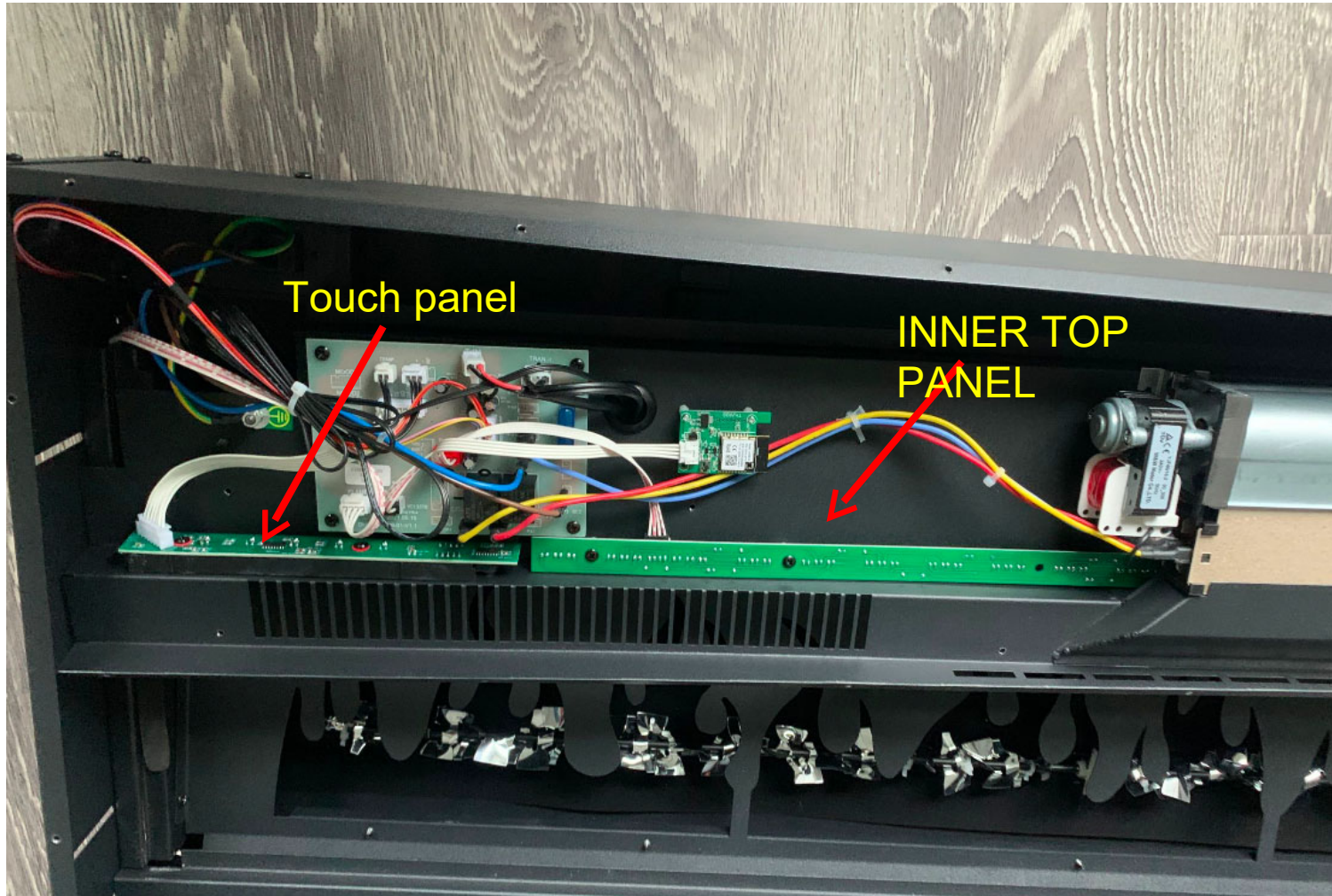


Step 1 The steel bar fixing the back glass can be removed by unscrewing the screws circled in red and then removing the glass

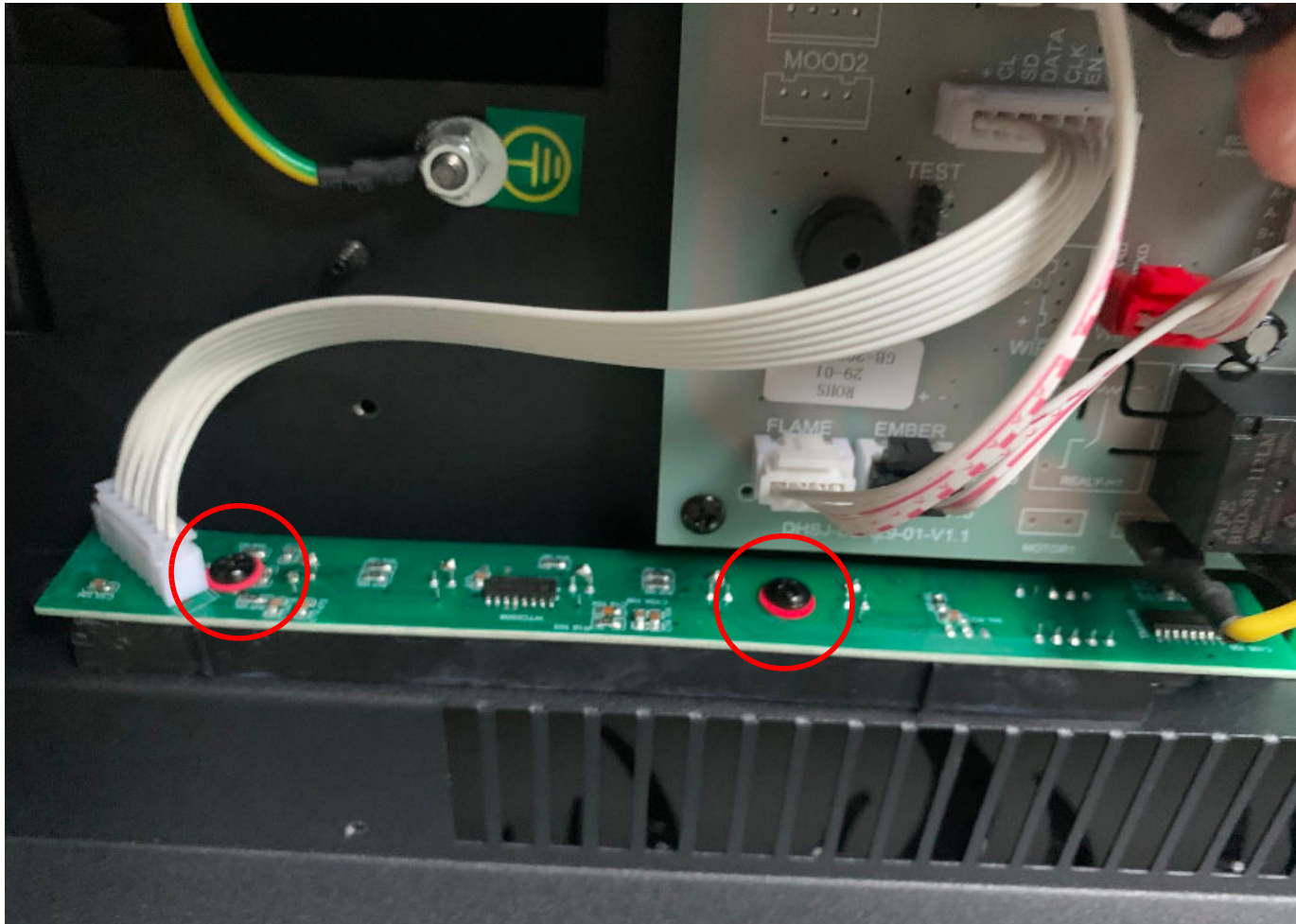
Step 2 Remove the screws circled in red to take off the inner top panel



The inner top panel holds the heating element, circuit board, signal receiver, and WiFi card.

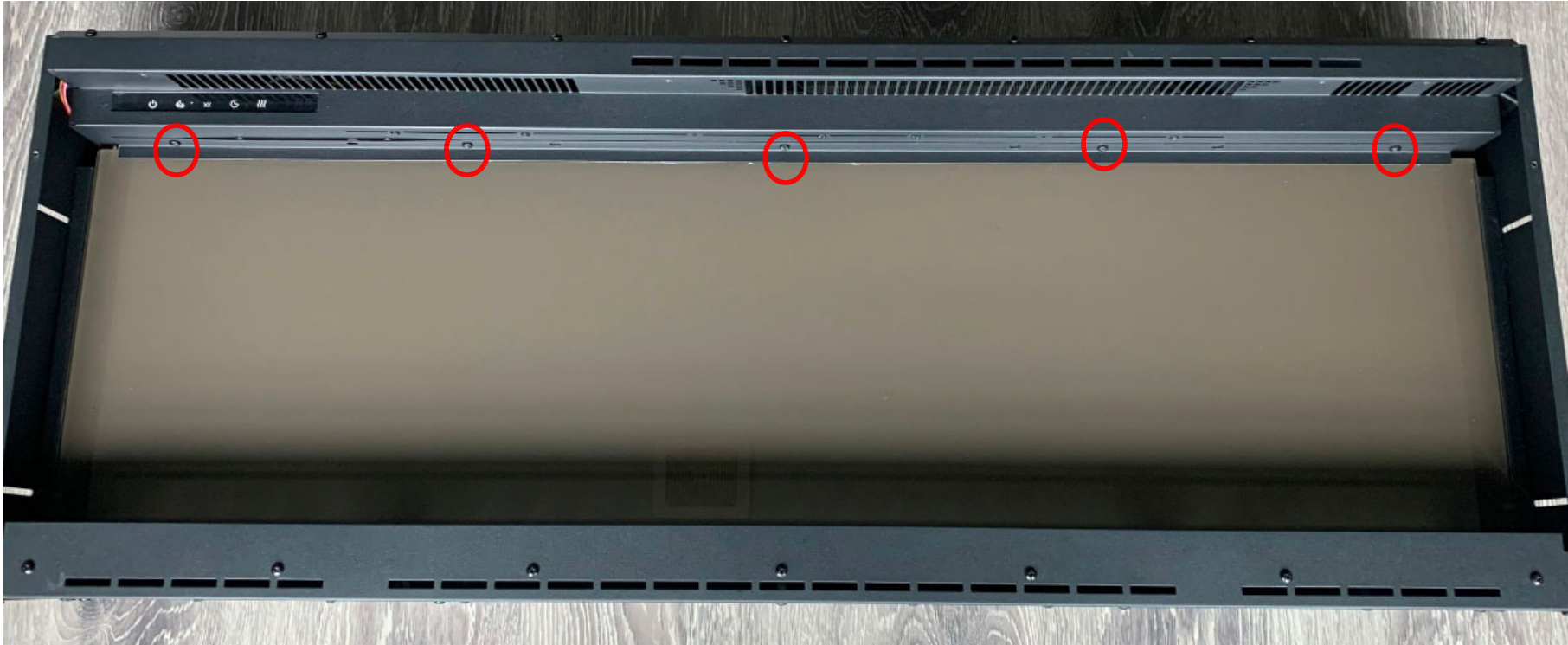


Step 3 Unscrew the screws circled in red to take off the touch panel.



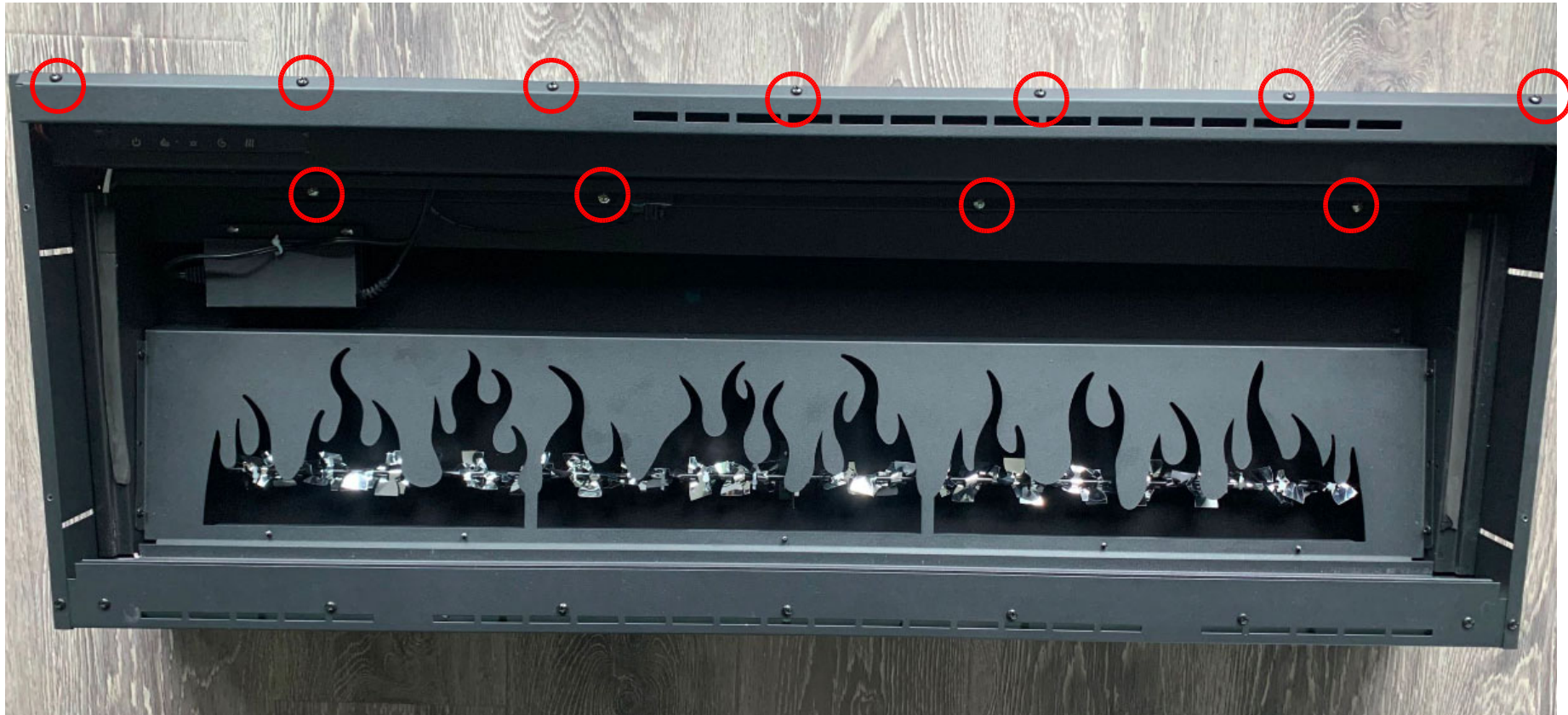
Replace the Wi-Fi card

Follow STEP 1 to 4 in Replace tray LED light, you come to here.

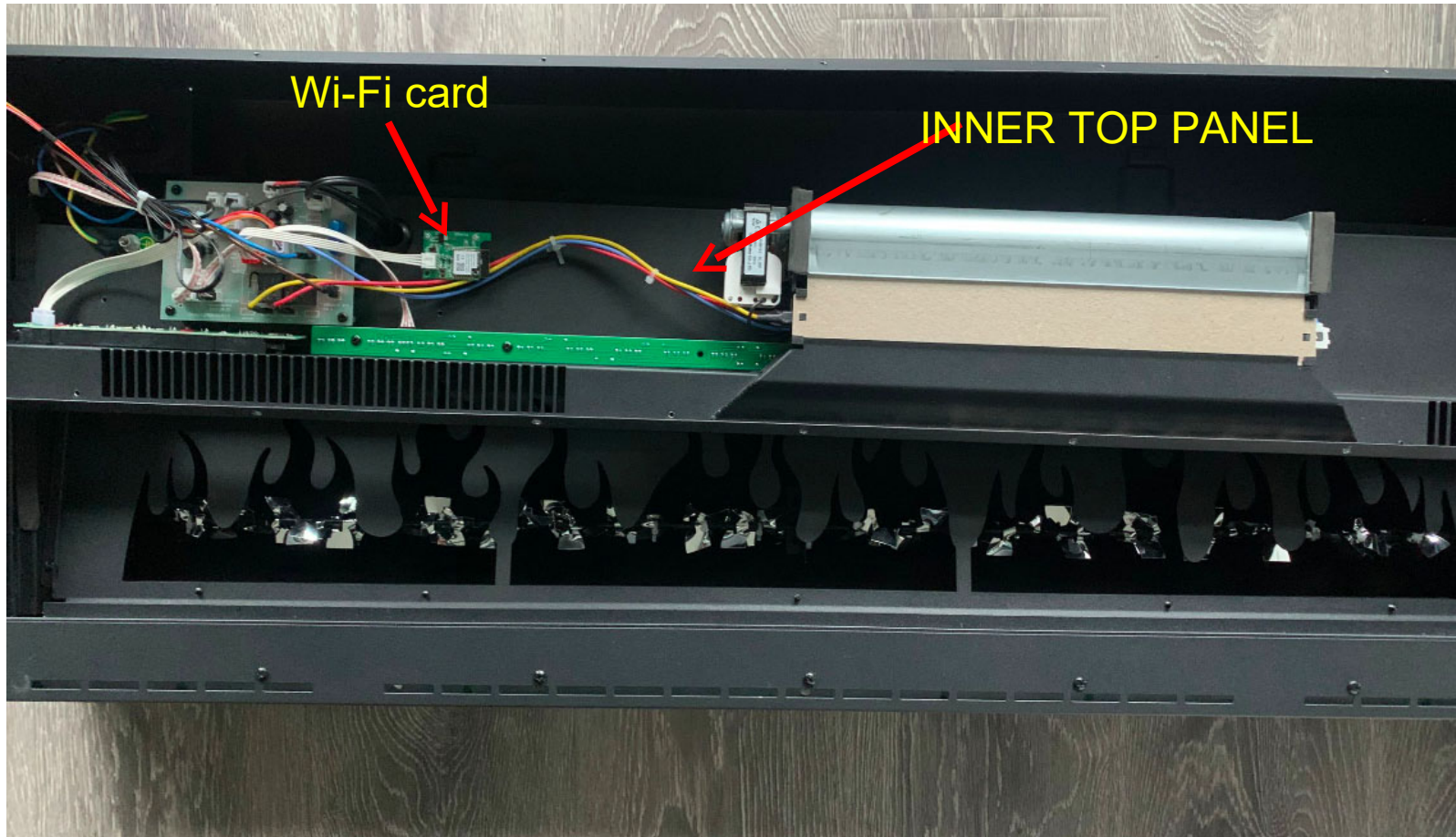


Step 1 Unscrew the screws circled in red to remove the steel bar fixing the back glass and then take off the back glass.

Step 2 Unscrew the screws circled in red to take off the inner top panel.



The heating element, PCB board, Canopy light ,Signal receiver and Wi-Fi card are all fixed on inner top panel



Step 3 To replace a new WiFi card, remove the screw circled in red and unplug the old one.

