

---

gs3

# connected machine

installation guide



la marzocco  
HOME

## GS3 CONNECTED MACHINE RETROFIT KIT

### step one

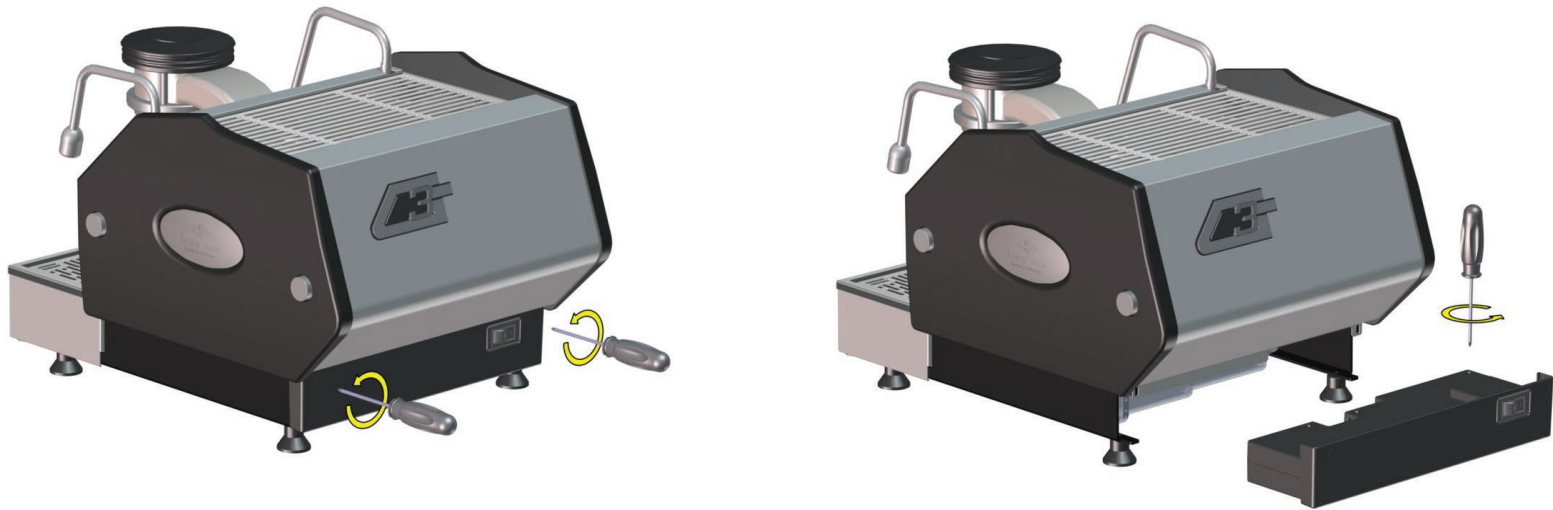


turn machine off and unplug for safety



## GS3 CONNECTED MACHINE RETROFIT KIT

### step two

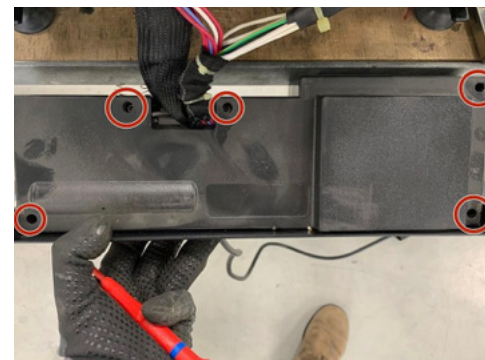
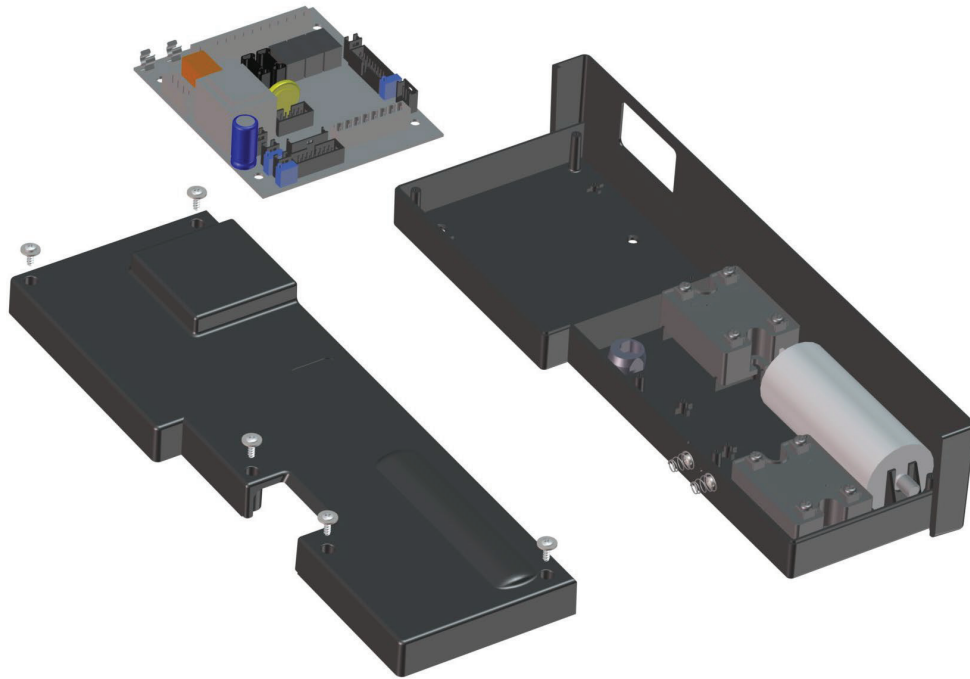


Remove electronic board box. First, remove the screws on the rear of the GS3, then remove the rear panel as well as the left and right panels.

---

## GS3 CONNECTED MACHINE RETROFIT KIT

### step three



#### OPEN THE BOARD BOX

Remove the screws to open the board box. Remove the white/red and white/blue wires from the main power switch.



## GS3 CONNECTED MACHINE RETROFIT KIT

### step four



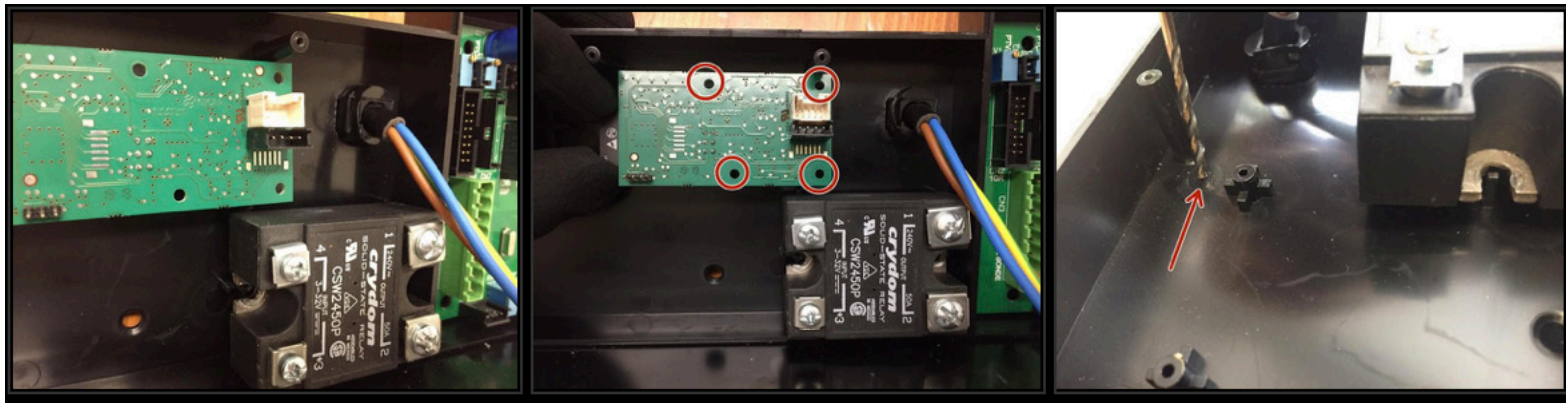
#### REMOVE CONNECTORS AND BOARD FROM THE BOX

Disconnect all the connectors from the board, labelling them prior. Including how the SSR's are wired. Then remove the 4 x screws holding the board in place, then remove the board. Remove all the connections from the SSR's and capacitor in order to free up the board box.

---

## GS3 CONNECTED MACHINE RETROFIT KIT

### step five



#### INSTALLING THE GATEWAY

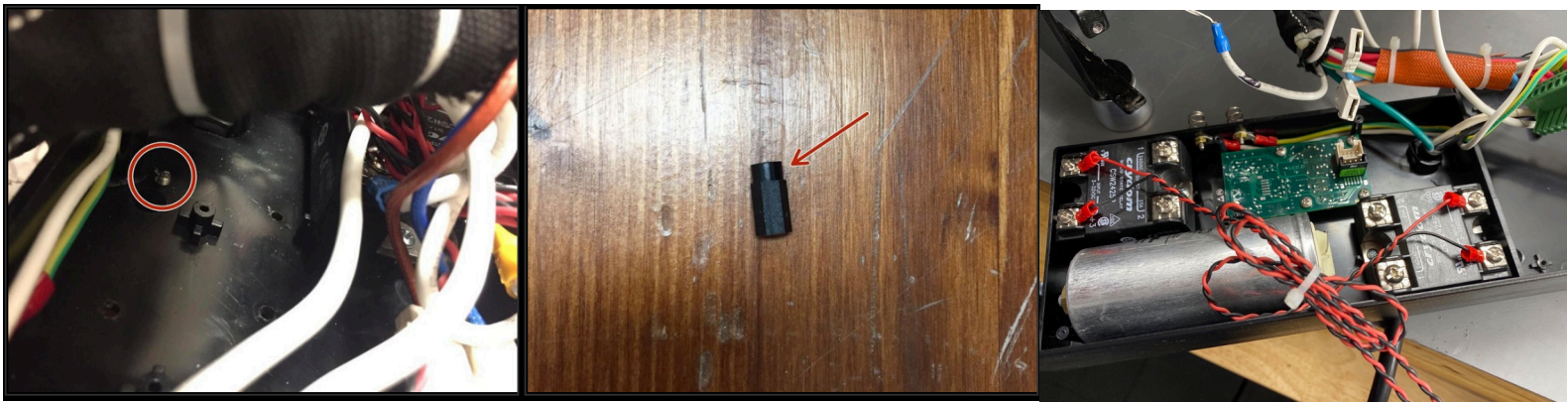
Place the gateway as shown on the picture.  
Use the 4 holes of the gateway in order to mark the position of the holes that we need to drill on the board box. Use a 2,5mm drill to make the holes that will support the gateway.

---



## GS3 CONNECTED MACHINE RETROFIT KIT

### step six



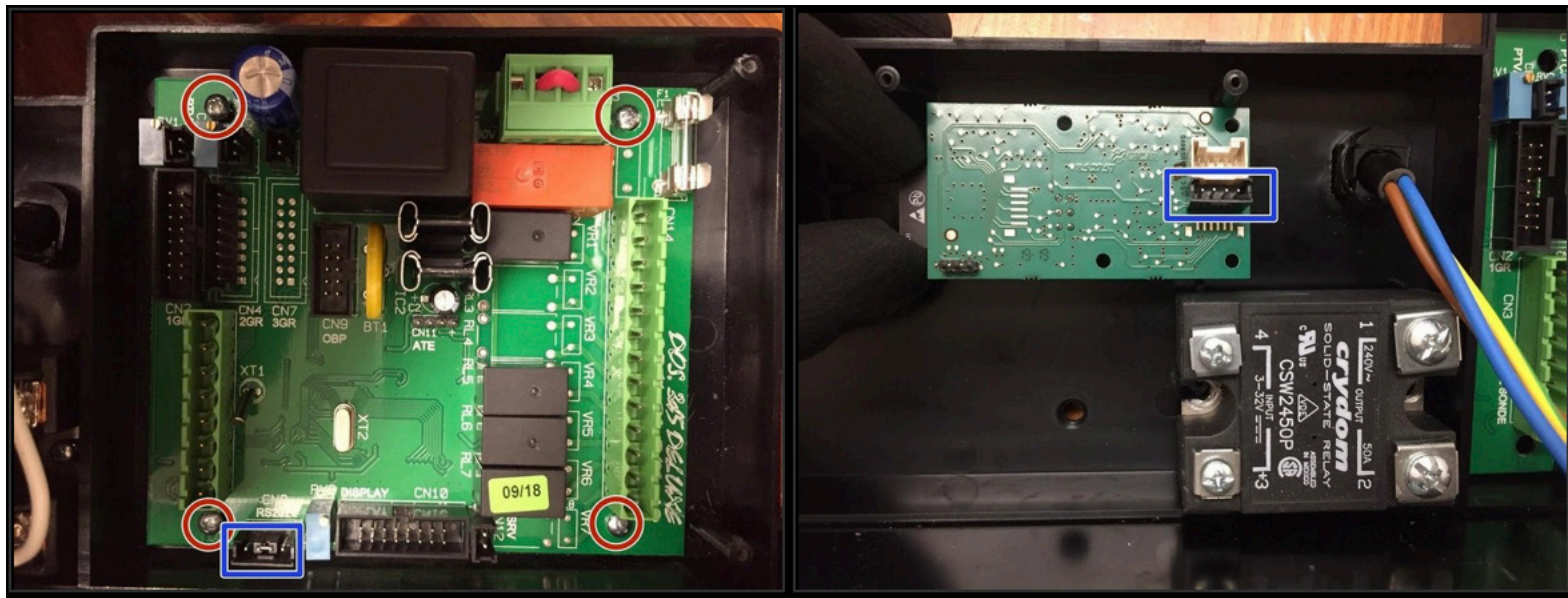
#### INSTALLING THE GATEWAY

Insert the screws through the bottom of the board box and hand tight the 4 supports with the round section at the top. Install the gateway, then install the provided screws (x4) to mount it to the supports.

---

## GS3 CONNECTED MACHINE RETROFIT KIT

### step seven



#### INSTALLING THE NEW BOARD

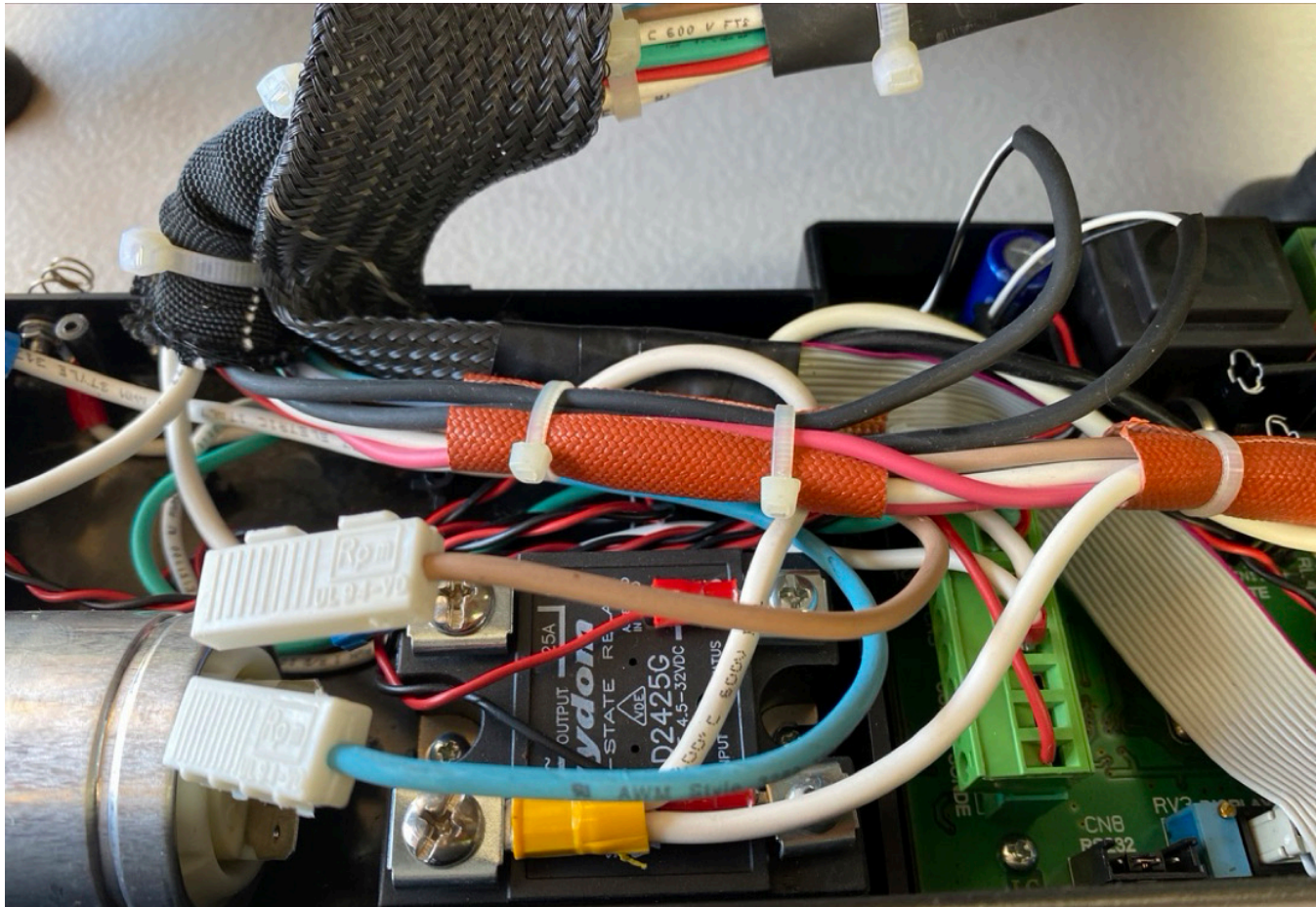
Install the new board using the screws previously removed. Then, reconnect all the connections in the same locations as the old board.

---



## GS3 CONNECTED MACHINE RETROFIT KIT

### step eight



#### INSTALLING THE NEW BOARD

Connect the flat ribbon cable from the new board to the gateway. Reconnect all the connections to the SSR's and capacitor

---

## GS3 CONNECTED MACHINE RETROFIT KIT

### step nine



#### CONNECT THE NEW CAPACITOR

The capacitor has the terminals labelled on the base of it. Using the included wire tree, connect the corresponding connectors to the relevant terminals. Install the capacitor on the right frame with a cable tie.

---

## GS3 CONNECTED MACHINE RETROFIT KIT

### step ten



#### CONNECT THE NEW CAPACITOR

Connect the black and white cable from the capacitor to the open terminals on the switch. Plug the male connectors from the capacitor into the two connectors that were previously on the switch, as shown.

---



## PLEASE NOTE



GS3AV machines prior to SN5379 and GS3MP machines prior to SN5419 will have button arrangements different than the current button locations, and will need either a new display/button pad assembly or button decals depending upon the state of the current assembly. This can be determined by the technician performing the upgrade. Please be aware that older machines may have other issues that will need to be addressed during the install and that a consultation with a technician is highly recommended before attempting the install. Please contact [christopher@lamarzocco.com](mailto:christopher@lamarzocco.com) for more info and a referral to a competent technician.


### Programming Keypad (from s/n 0001 to 5378)


---





The keypad has two functions. The first is for control of the espresso. The second is for programming individual software parameters.

The button  and the  button are used to change the values of the individual parameters. The label for these buttons are “Espresso” and “2 Espressos” respectively.

The button  is used to access certain parameters and for advancing the cursor within a parameter. The label for this button is “Coffee”.

The button  is currently not used in programming mode. The label for this button is “2 Coffees”.

The button  is used to access the programming mode. This button is also used as a function key and to scroll through parameters. The label for this button is “Continuous”.

The button  is used to turn on and turn off the espresso machine and to activate the dispensing of the Hot Water.

### MP (PADDLE) Programming Keypad (from s/n 0001 to 5418)

---

This keypad has the same functions as the above keys according to the identical symbols in bottom left corner.






### Programming Keypad (only from s/n 5379)


---





The keypad has two functions. The first is for control of the espresso. The second is for programming individual software parameters.

The button  and the button  are used to change the values of the individual parameters. The label for these buttons are “Espresso” and “2 Espressos” respectively.

The button  is used to access certain parameters and for advancing the cursor within a parameter. The label for this button is “Coffee”.

The button  is currently not used in programming mode. The label for this button is “2 Coffees”.

The button  is used to access the programming mode. This button is also used as a function key and to scroll through parameters. The label for this button is “Continuous”.

The button  is used to turn on and turn off the espresso machine and to activate the dispensing of the Hot Water.

### MP (PADDLE) Programming Keypad (only from s/n 5419)

---

This keypad has the same functions as the above keys according to the identical symbols in bottom left corner.







**la marzocco**

HOME