

Type <b>Coffee Vending Machine</b>	Model <b>9100 - IN</b>	N° T.I. <b>03 - 2018</b>	
Serial Number <b>74813349</b>	Subject <b>Modification of the BOILER THERMAL PROTECTION Wiring</b>	ISSUED FOR (X)	Action Information

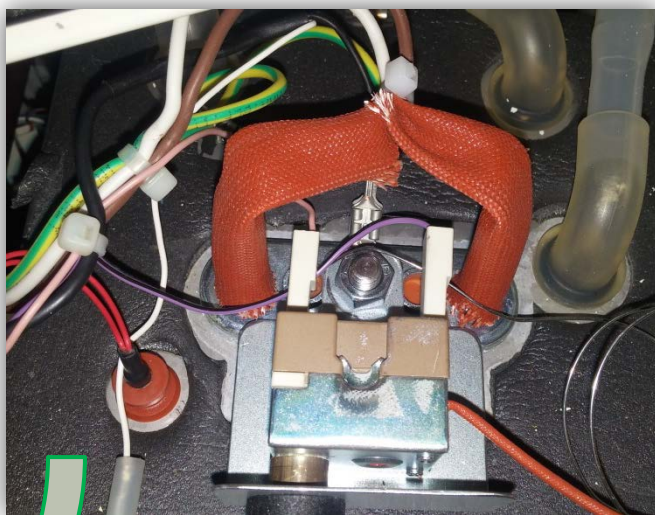
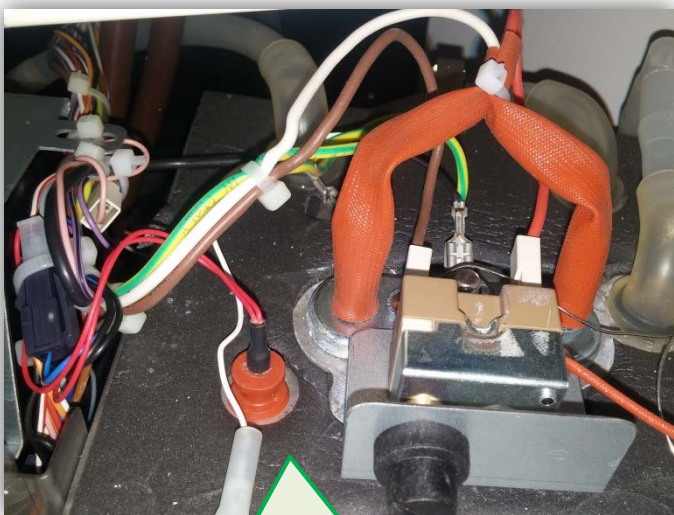
**REASON:**

Be informed that, starting from S/N **74813349**, the *boiler thermal protection wiring* has been modified as shown below.

**MODIFICATIONS:** the modification is **mandatory** also for the machines previous to S/N above.

**New**  
*boiler thermal protection wiring*

**Pre-modification**  
*boiler thermal protection wiring*



It's available a **retrofit KIT** to modify a machine previous to S/N above to the **new solution**.  
The **KIT (1, 2, 3, 4)** spare code is: **F00401** SAP: 55119023 (only 1 batch available)

**1**

N. 1 pc



**2**

Female faston cover - N. 2 pcs



**3**

Double male terminal - N. 1 pc

**4**

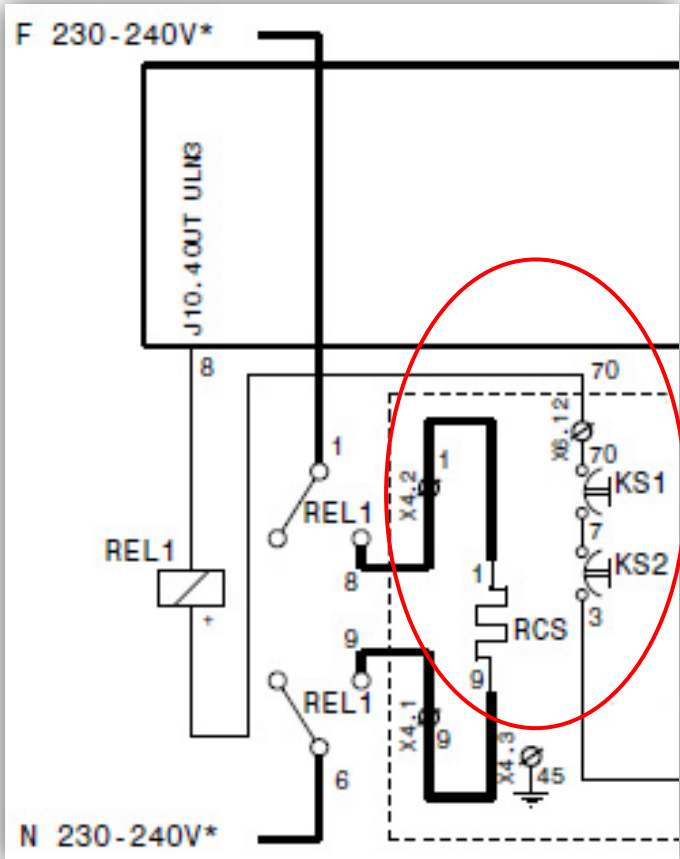
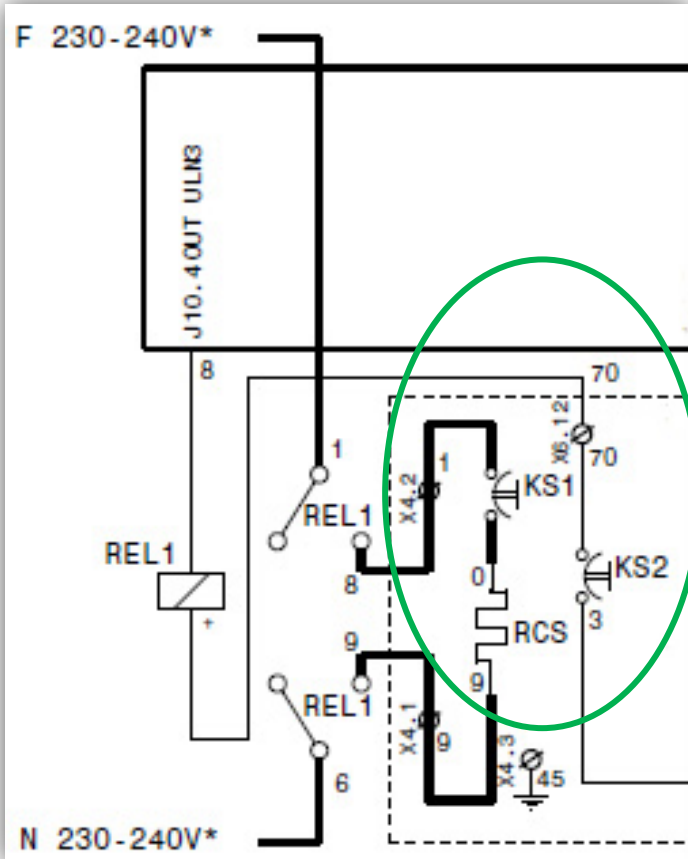
Cable tie - N. 3 pcs



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*Detail of the new wiring diagram*

*Detail of the pre-modification wiring diagram*



**New dry boil thermal cut – out connection**

**Actual dry boil thermal cut – out connection**

**Colour legend of the wiring**

0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	LIGHT BLUE
8	PINK
9	VIOLET
	GREY
	WHITE

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➤ Follow the steps below to **retrofit** the machine to the **new** solution.

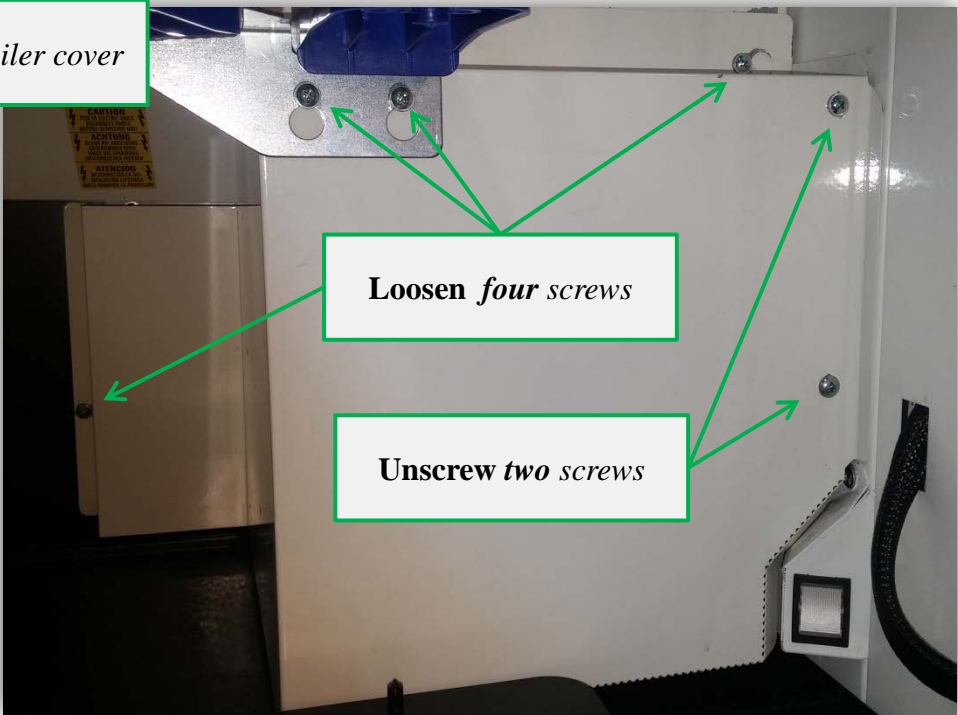
**1. Open the door**

**2. Switch – off the machine**

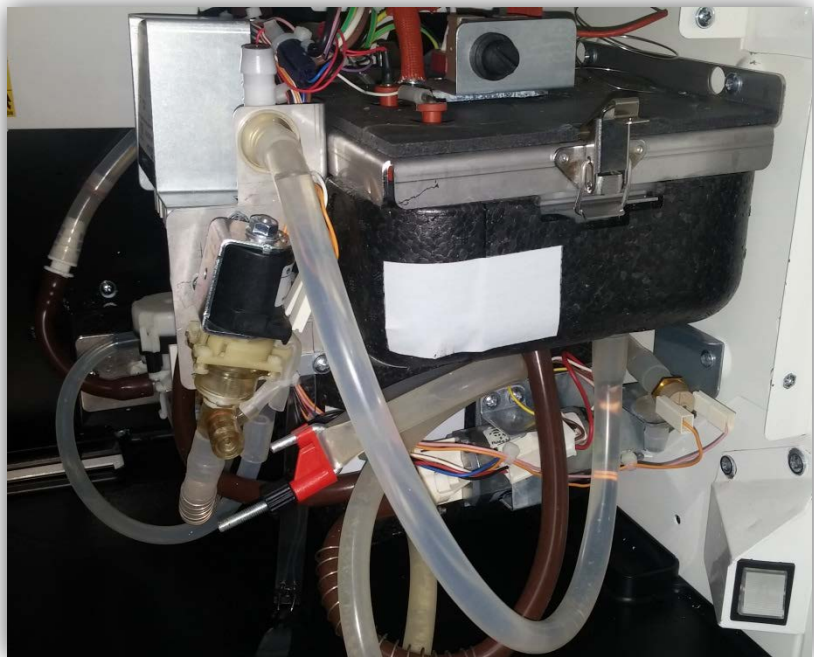
**3. Unplug the machine** from the mains



**4. Remove the boiler cover**



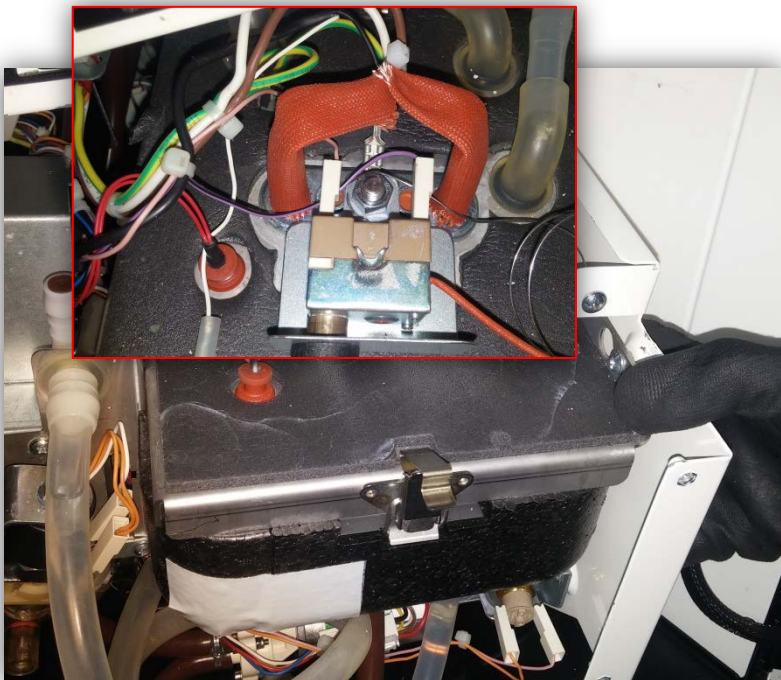
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**Boiler** *without cover*

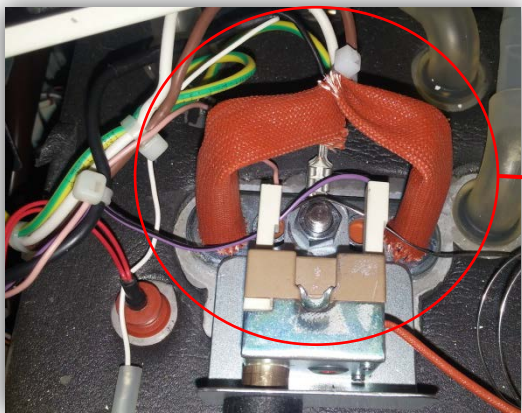
**5. Loosen** *two screws* of the boiler support

**6. Pull** *the boiler out* just enough to operate on the boiler top

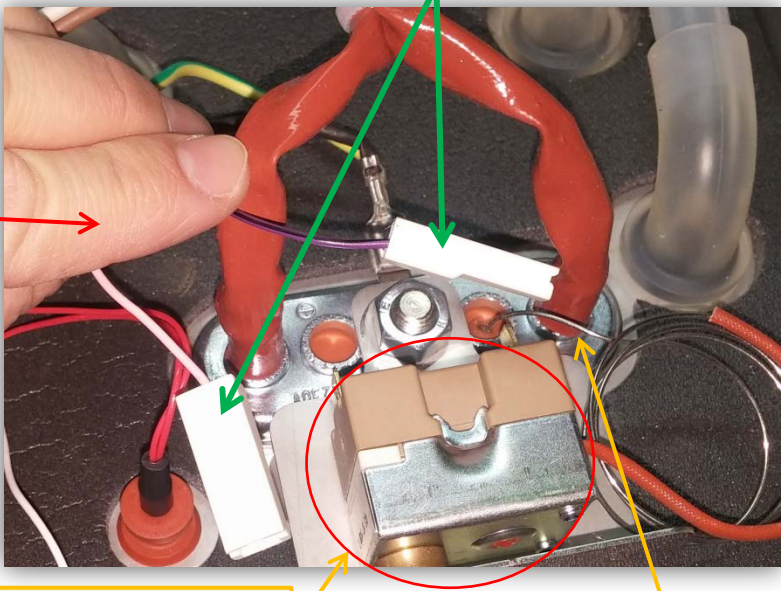


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**Pre-modification**  
Top View of the boiler



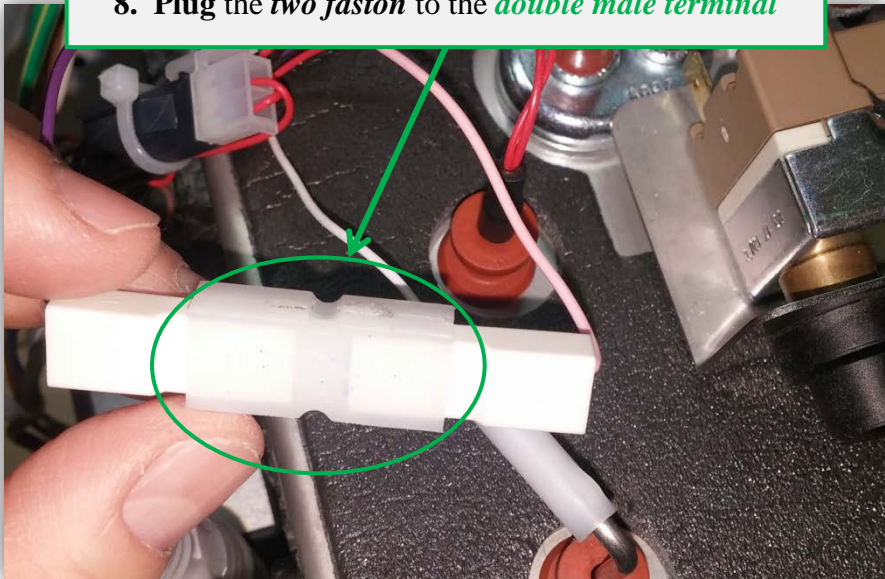
**7. Unplug the two faston of the thermal cut - out**



Thermal cut - out

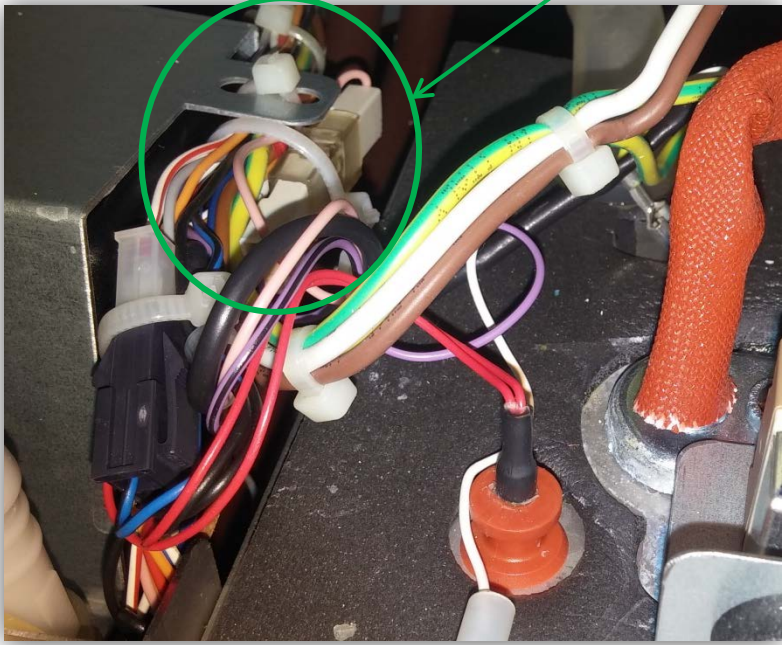
Heating element

**8. Plug the two faston to the double male terminal**

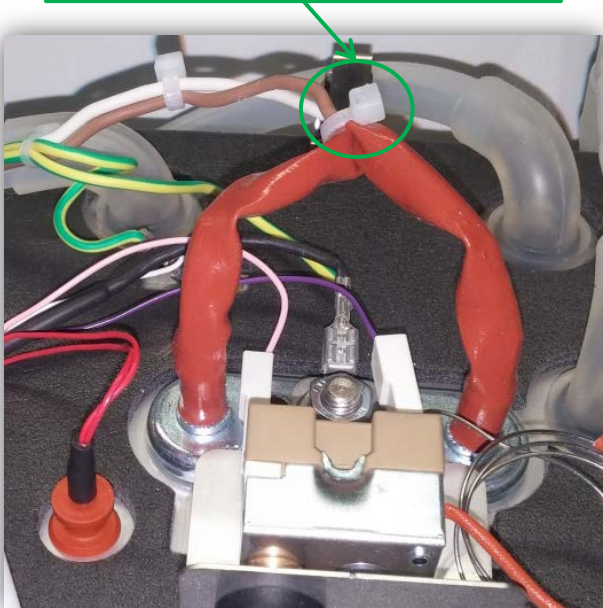


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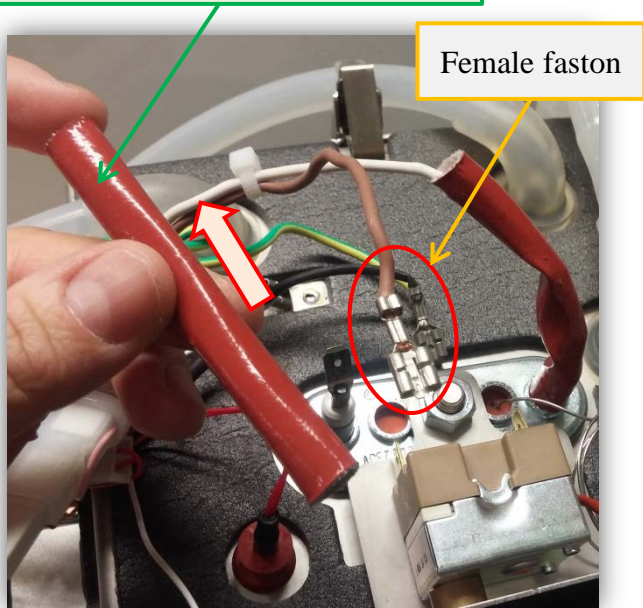
**9. Fix the assembly *fastons* + *double male terminal* to the wiring by means of a *cable - tie***



**10. Cut and remove the *cable - tie***



**11. Remove the *cable covering* and unplug the *female faston***



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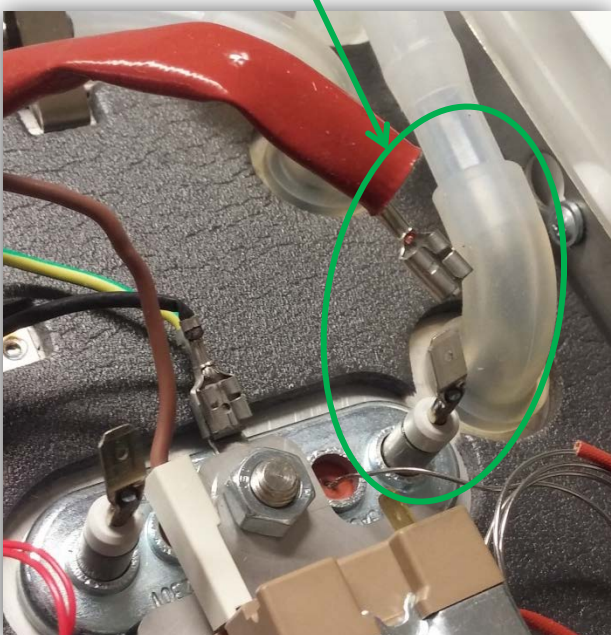
**12. Put the cover on the female faston**



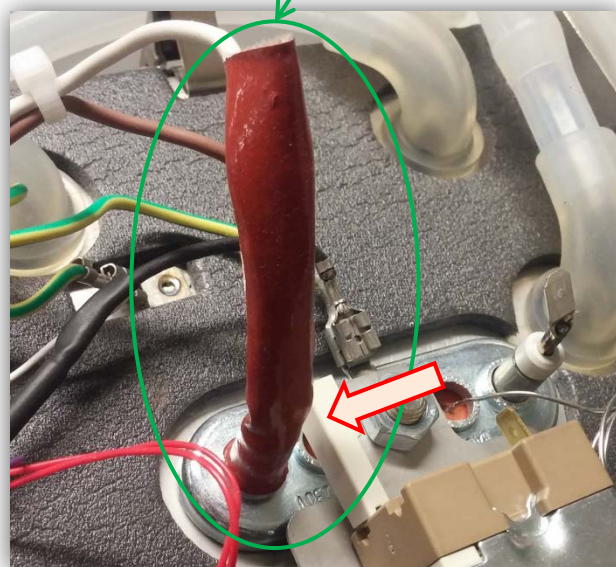
**13. Plug - in the female faston**



**14. Unplug the second female faston**



**15. Plug - in the female faston to the heating element and put the cable covering back**



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**16. Take the *wiring* of the retrofit **KIT****



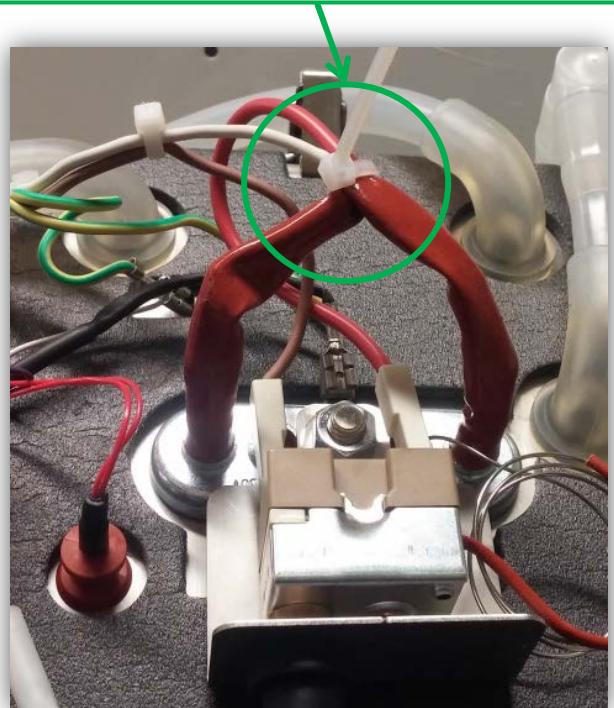
**17. Take the *cable covering* (removed at step 11) and put it on the wiring**



**18. Plug - in the *wiring* as shown below: from the *thermal cut - out* to the *heating element***



**19. Fix the *two wiring* by means of a *cable - tie***



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**20. Move backward** the steps **6, 5, 4, 3, 2, 1**

**21. Finally** in order to complete the modification, dispense some drinks to verify that anything has been done properly.