
Repair Instructions

To replace a NOVA controller in MRC Incubators with an Omron Controller



To suit: MRC Models with LE-509, LE-519

Approvals		
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Safety Reminder

Replacing the controller requires the technician to hold a suitable electrical licence.

These instructions do not purport to address all potential safety issues, if any, associated with the product's use. It is the responsibility of the user of these instructions to establish appropriate safety and health practices and determine the applicability of regulatory limitations before use.

Before attempting any of the following, perform the actions listed below:

- Turn OFF power to the machine.
- Unplug the machine.

Summary

These instructions how to remove a NOVA Controller in MRC Incubator with an Omron controller.

Tools Required	
Screw Driver	Phillips Head

Kit Contents		
Item	Description	Quantity
61612	Omron Controller	1
72 x 72	Faceplates (set of 2)	1

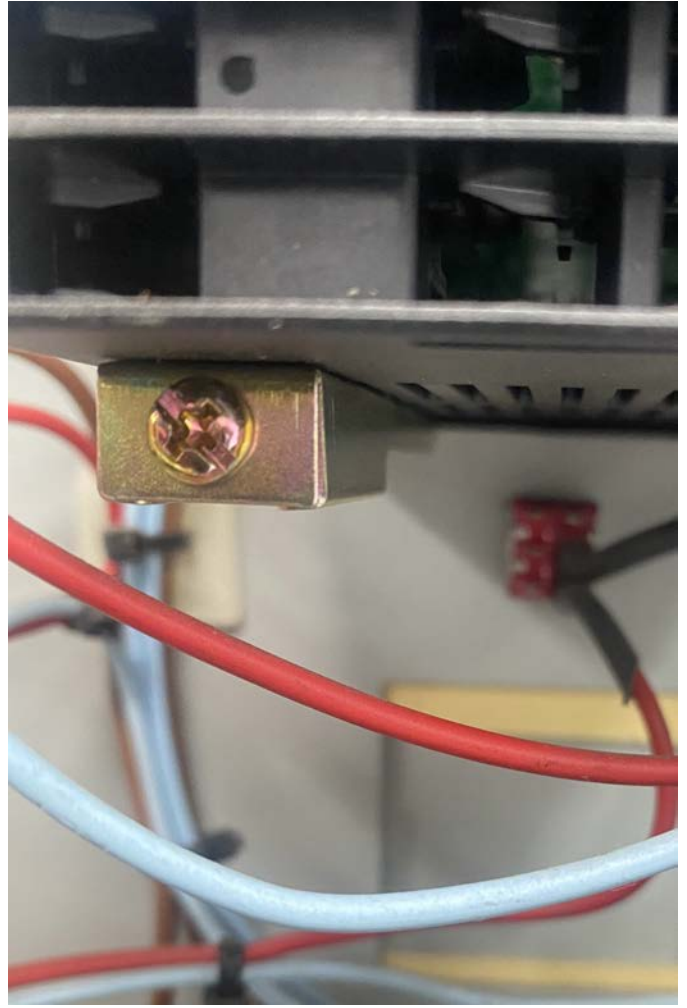
Section 1: Remove the Controller

Turn off the incubator and unplug it from the power point.



Undo the two screws holding the face plate in place (Red Arrows) and then lever the face plate forward from the corner (Green Arrow) to access the controller.



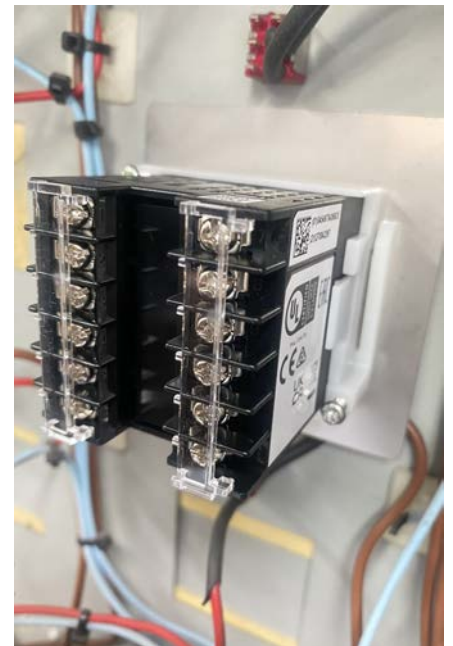


There are two gold fixing clips holding the controller in place. One on the top and one on the bottom of the controller. Undo the clips, disconnect the wiring from the back of the controller and slide the controller through the front of the incubator.

Section 2: Installation

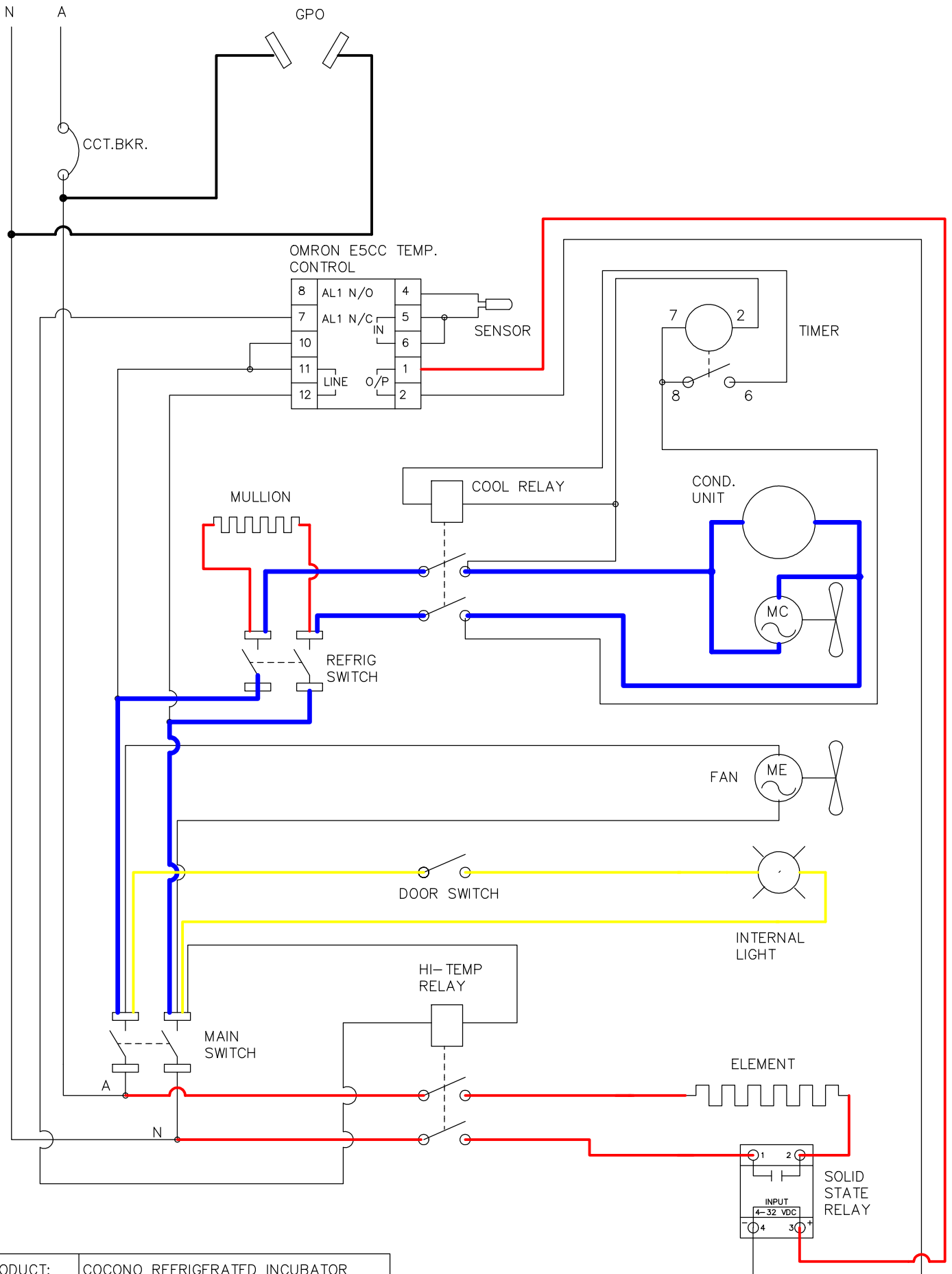


The two supplied metal plates slide over the Omron controller to sandwich the front panel where the previous Nova controller was housed to hold the new controller in place. Before inserting the Omron controller, take one of the metal face plates and slide it onto the back of the controller. With the first plate in place, slide the controller through the front panel.



Slide the other faceplate on the back of the controller, so the wall of the incubator is sandwiched between the two supplied metal face plates. Next slide the white Omron fixing clip over the back of the controller to fix the Omron Controller in place

Connect the Omron controller to the incubator as per the attached wiring diagram. Reinstall the front panel back into the incubator.



PRODUCT:	COCONO REFRIGERATED INCUBATOR
MODEL NO:	LE-509, LE-519
DWG.NO:	
DESCRIPTION:	WIRING DIAGRAM, OMRON E5CC
DATE:	05-07-22

Section 4: Power ON

Plug the incubator back into the mains power and test operation.

Section 5: Support and Contact

Repair and Support is available over the telephone Monday through Thursday from 8:30am to 4pm and Friday 8:30am to 2pm. Please contact service@thermoline.com.au for email technical support.

You can also visit our website at www.thermoline.com.au for access to additional useful troubleshooting guides, operating manuals, and technical information.

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