



Controller Assembly Replacement

Section 1: SC-325/SC-650 (External Enclosure; Blue Faceplate)

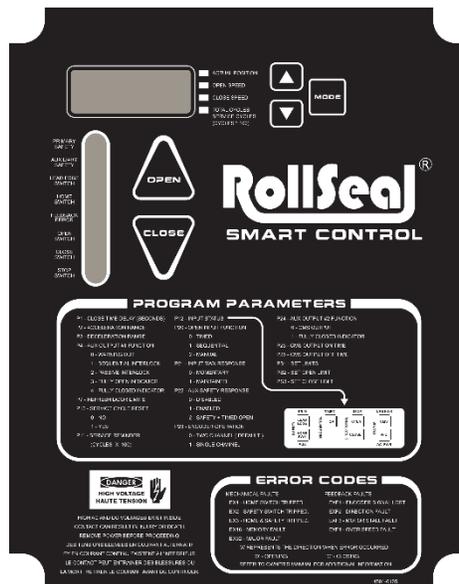


NOTICE: All program parameters on the new controller are set to their default values and must be configured manually. Refer to the SC-325/SC-650 owner’s manual (4801-5156) at rollseal.net/rollseal-technicals/ for information on viewing and modifying the program parameters.

1. Record the values of all program parameters so you can apply them to the new controller:
 - a. Find the white program parameter sticker included in the kit.
 - b. Engage Program Mode.
 - c. Cycle through all program parameters. As you go, write their current values on the sticker.
 - d. Place the sticker on the side of the controller enclosure.
2. Ensure the toggle switch on the side of the controller enclosure is in the OFF position. If applicable, also ensure the disconnect is switched off.
3. Loosen the two captive screws on the side of the controller enclosure, then open the cover.
4. Disconnect the wiring as follows:
 - a. Take photos of the wiring for future reference.
 - b. Remove the black terminals from the control board.
 - c. Unplug the two white connectors from the control board, then unplug the two red connectors.
 - d. Cut the zip tie securing the harnesses to the enclosure cover.
5. Lift the hinge pin, then remove the cover from the rest of the enclosure.
6. Install the new assembly by inserting the hinge pin between the cover and the rest of the enclosure.
7. Replace the harness connecting the control board to the drive board. This harness has two red connectors on the control board side:
 - a. Remove the black, yellow, and red wires from the drive board.
 - b. Unplug the white connector from the top left of the drive board.
 - c. Connect the harness from the new assembly (this harness has a single black connector on the control board side) to the drive, starting with the white connector at the top, then the black wire, the yellow wire, and the red wire at the bottom.
 - d. Install the black terminals and the white terminals on the new assembly.
8. Close the enclosure cover, then tighten the captive screws.
9. Power on the controller.
10. Configure the program parameters using the values you recorded earlier.



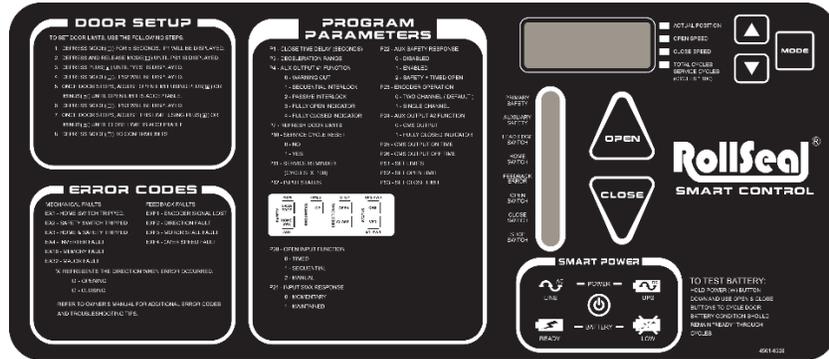
Section 2: SC-325M/SC-650M (External Enclosure; Black Faceplate)



NOTICE: All program parameters on the new controller are set to their default values and must be configured manually. Refer to the RS-500M/RS-600M owner’s manual (4801-5169) at rollseal.net/rollseal-technicals/ for information on viewing and modifying the program parameters.

1. Record the values of all program parameters so you can apply them to the new controller:
 - a. Find the white program parameter sticker included in the kit.
 - b. Engage Program Mode.
 - c. Cycle through all program parameters. As you go, write their current values on the sticker.
 - d. Place the sticker on the side of the controller enclosure.
2. Ensure the rocker switch on the bottom of the controller enclosure is in the OFF position. If applicable, also ensure the disconnect is switched off.
3. Loosen the two captive screws on the side of the controller enclosure, then open the cover.
4. Disconnect the wiring as follows:
 - a. Take photos of the wiring for future reference.
 - b. If applicable, remove the black terminals from the control board.
 - c. Unplug the white connectors from the control board, then unplug the black connectors.
 - d. Cut the zip tie securing the harnesses to the enclosure cover.
5. Lift the hinge pin, then remove the cover from the rest of the enclosure.
6. Install the new assembly by inserting the hinge pin between the cover and the rest of the enclosure.
7. Install the black terminals on the new control board.
8. Plug the black connectors into the control board, then plug in the white connectors.
9. Close the enclosure cover, then tighten the captive screws.
10. Power on the controller.
11. Configure the program parameters using the values you recorded earlier.

Section 3: Walk-In Cooler/Freezer Door (Inside Head Unit; Black Faceplate)



NOTICE: All program parameters on the new controller are set to their default values and must be configured manually. Refer to the owner’s manual (4801-5164 for WIC doors; 4801-5165 for WIF doors) at rollseal.net/rollseal-technical/ for information on viewing and modifying the program parameters.

1. Record the values of all program parameters so you can apply them to the new controller(s):
 - a. Find the white program parameter sticker included in the kit.
 - b. Engage Program Mode.
 - c. Cycle through all program parameters. As you go, write their current values on the sticker.
 - d. Place the sticker on the side of the controller enclosure.
2. Ensure the rocker switch at the front of the controller enclosure is in the OFF position. If applicable, also ensure the disconnect is switched off.
3. Loosen the two thumbscrews on the controller enclosure, then open the door.
4. Take photos of the wiring for future reference.
5. PCB 201 (Ignore this step if you are not replacing the PCB 201.)
 - a. Disconnect the wiring as follows:
 - i. If applicable, remove the black terminals from the PCB 201.
 - ii. Unplug the white connectors from the board, then unplug the black connectors.
 - iii. On a Walk-In Freezer door, disconnect the harness between the PCB 201 and the PCB 204.
 - b. Replace the PCB 201 as follows:
 - i. Remove the white nylon nuts that hold the PCB 201 to the enclosure cover.
 - ii. Lift the PCB 201 off the bolts, being careful not to remove the spacers. Ensure none of the spacers are stuck to the back of the board.
 - iii. Install the new PCB 201 using the old bolts and spacers.
 - iv. Tighten the nuts until they are fully seated, ensuring the buttons on the back of the board are not held down. If they are, loosen the nuts until the buttons are free but the board remains secure. The door will malfunction if the buttons are held down.
 - c. Install the black terminals on the new PCB 201.
 - d. Plug in the black connectors, then the white connectors, and then (if applicable) the harness connector from the PCB 204.
6. PCB 204 (Walk-In Freezer doors only: Ignore this step if you are not replacing the PCB 204.)
 - a. Unplug all connectors from the PCB 204, including the one from the harness between the PCB 201 and the PCB 204.
 - b. Remove the three white nylon nuts and the one metal grounding nut from the PCB 204.
 - c. Install the new PCB 204 using the old nuts. Ensure the metal grounding nut is on the top-right stud.
 - d. Tighten the nuts until they are fully seated.
 - e. Plug all connectors back in, including the one from the harness between the PCB 201 and PCB 204.
7. Close the enclosure cover, then tighten the thumbscrews.
8. Power on the controller.
9. Configure the program parameters using the values you recorded earlier.