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Tools required to replace a PCRAT-3:
Phillips head screwdriver, 5/16 nut driver and mini flat head screwdriver.



1. Unplug the center module and remove the center module from the Big Dipper tank.



2. There will be (4) bolts on the front and (1) in the rear.



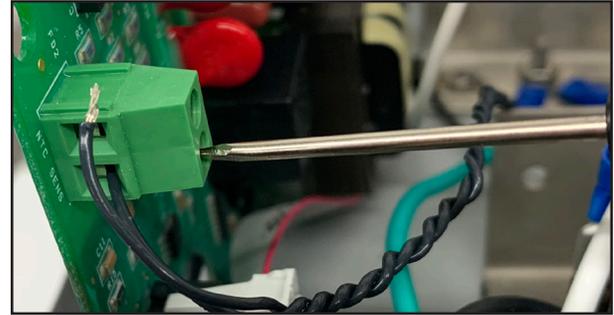
3. Use a Phillips head screwdriver to turn counter-clockwise and remove (5) bolts. Set the bolts aside.



4. Lift the cover over the skimming wheel to pry open the EECA cover. Pull upwards until EECA is completely removed from the center module.



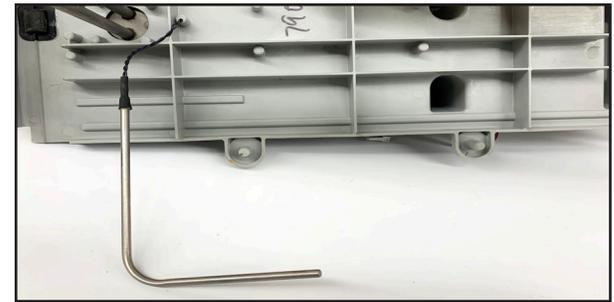
5. Disconnect the push button ribbon from the push button adapter.



6. The thermistor terminals will be on the rear side of the center module. Using a mini flat-head screwdriver, turn counter-clockwise until thermistor wires can be removed.



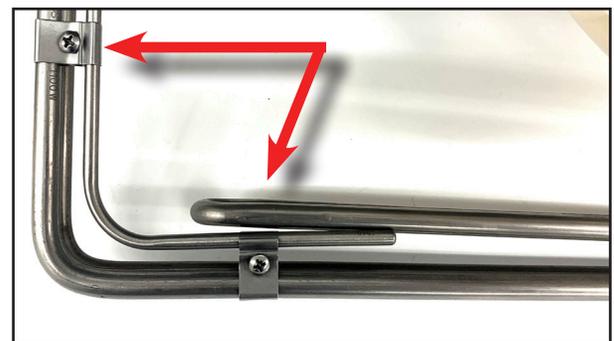
7. Turn the center module upside down. Use a Phillips head screwdriver and a 5/16 nut driver to remove the (2) secured clamps holding the thermistor. Set the clamps aside.



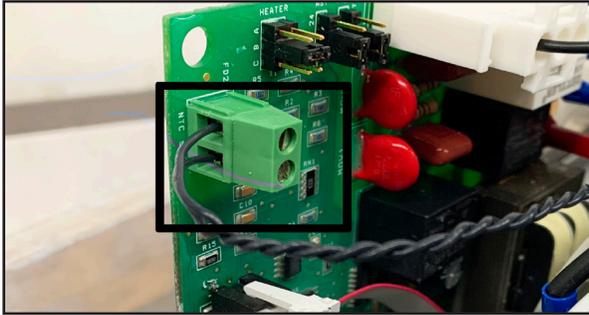
8. Remove the thermistor by pulling out the thermistor thru the bottom side. Set the existing thermistor aside.



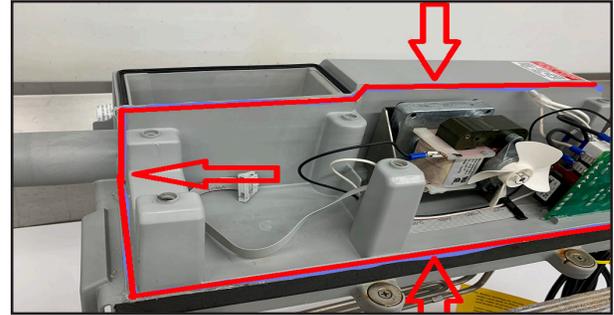
9. Secure the new thermistor with the (2) clamps used to remove the old thermistor.



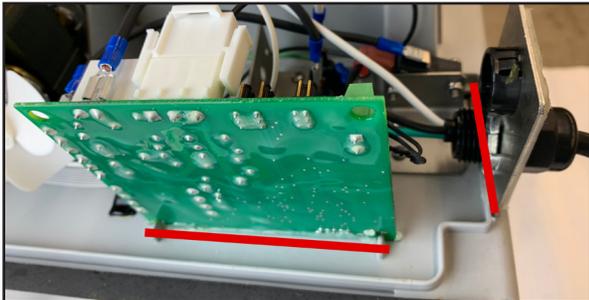
10. Thermistor brackets should be in the position as illustrated above.



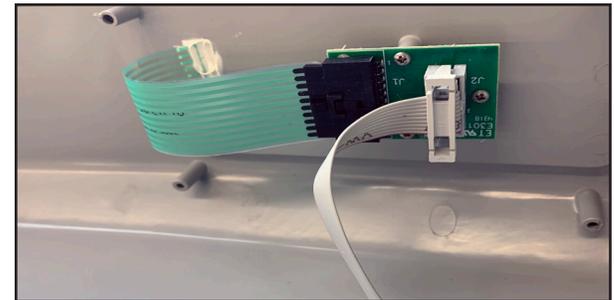
11. Push the Thermistor wires through the center module opening and connect the thermistor wires to the terminals.



12. Apply the provided sealant along the groove of the EECA cover and center module as illustrated above.



13. Before installing the replacement EECA, be sure the main board and electrical plate are aligned to their holding groove.



14. Connect push button ribbon to push button adapter on the EECA cover.



15. With the skimming wheel cover open. Place the replacement EECA on the center module.



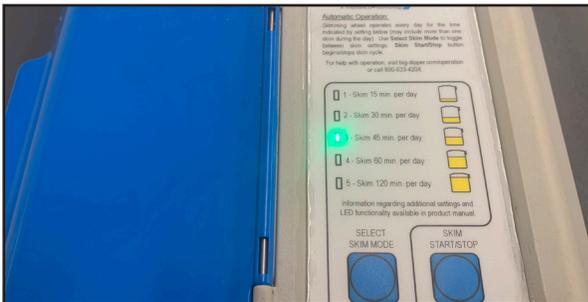
16. EECA cover should be flush with the center module.



17. Flip the center module and secure the EECA cover. There will be (4) bolts in the front and (1) on the rear.



18. Set the center module on the Big Dipper tank and latch the lids on each end. Place the grease collector on the front end.



19. Plug the unit to a power source. Select the appropriate skimming cycle for your business.

If you continue to experience issues please contact the Thermaco Technical Support Team at support@thermaco.com or 800-633-4204.

For additional troubleshooting guides go to www.dipperhelp.com