

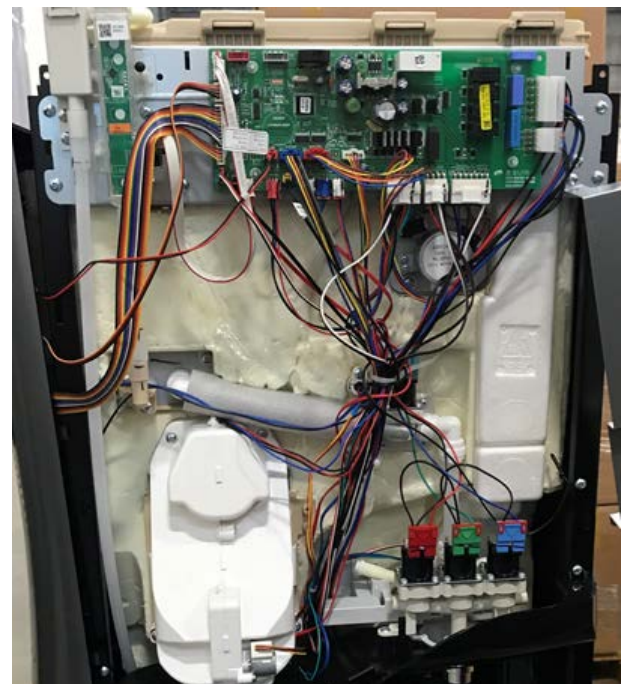
## **ADVANCED OPERATIONS: ICE TRAY COUPLER AND MOTOR SWITCHES**

In the event of an ice operation failure, the Ice Tray Coupler and/or the Ice Tray Motor Switches may need to be accessed for repair or replacement. The steps below outline how to access these components.

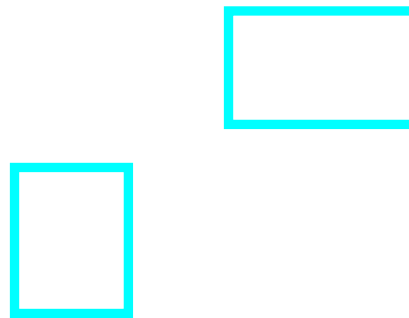
1. First, shut water off to the machine and drain the ambient and cold tank using the Cold Drain in the lower compartment of the machine, which is explained earlier in this manual. No need to drain the Hot Tank. Once water has been drained from the cold and ambient tanks, unplug the machine from its power source. Remove the Ambient Tank Cover and remove the Ambient Tank and the plastic support underneath it to access the Ice Making Bin.
2. Remove the top cover and upper front panel. Remove the two screws at the rear and slide the cover back and off the unit. Then, remove the two screws holding the upper front panel in place, lift and pull away from the unit, and set aside.



3. With the front upper panel removed, locate the PCB shield and remove the two screws holding it in position, lift and pull away, and set aside. The front upper compartment of the machine should now be accessible as shown.

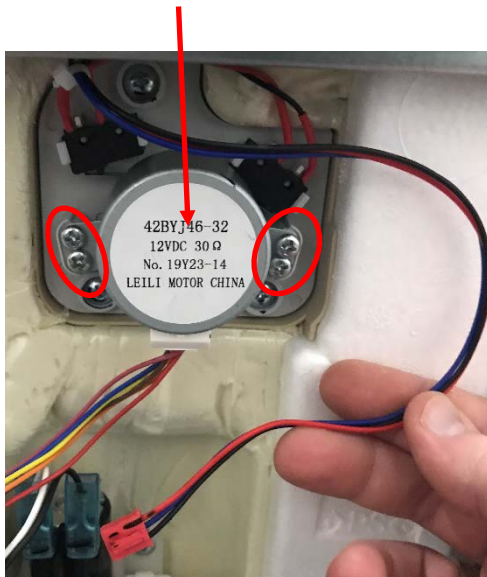


4. On the main PCB, front and center, locate and disconnect (again, the machine should be disconnected from power) the two connections shown below. The larger red connector runs to the Ice Tray Motor and the smaller red connection runs to the two Position Sensors for the Ice Tray Motor. If bundled, untangle these cables from the rest.

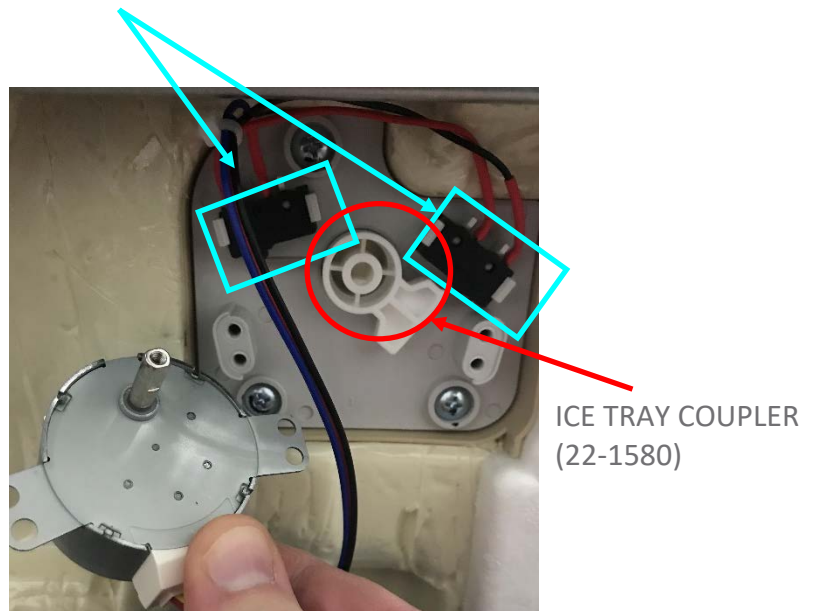


5. With the wires disconnected, locate the Ice Tray Motor (22-1560), just below the PCB and towards the right side. Ice Tray Motor and Position Switches (22-1570) shown. Locate and remove the 4 screws holding the motor in place, remove, and set aside. Once removed, the Ice Tray Coupler (22-1580) will be visible.

ICE TRAY MOTOR (22-1560)



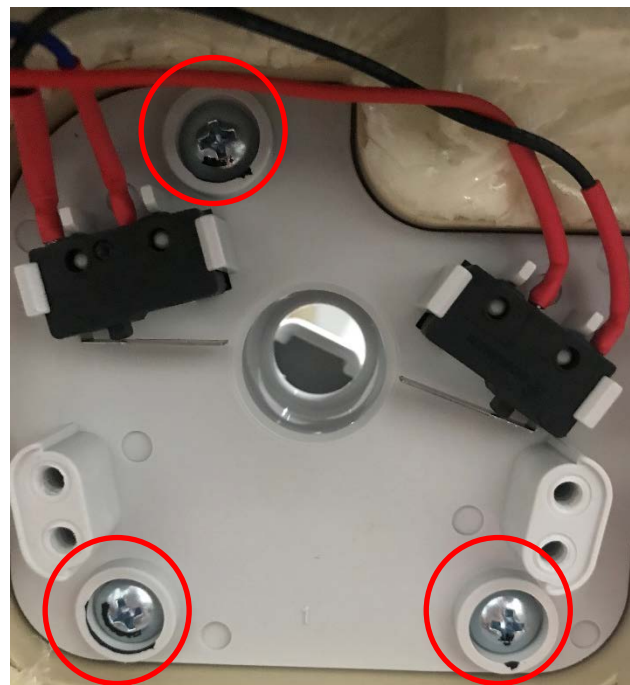
POSITION SWITCHES (22-1570)



6. Before the next step, know that the ice tray inside the machine is suspended between a fixed cuff (1) at the rear of the Ice Bin and the Ice Motor Coupler. Once the Ice Motor Coupler is removed, the Ice Tray will slump down (2) and will have to be realigned upon returning the coupler into position, ensuring the two make a solid, interlocking connection (3,4).

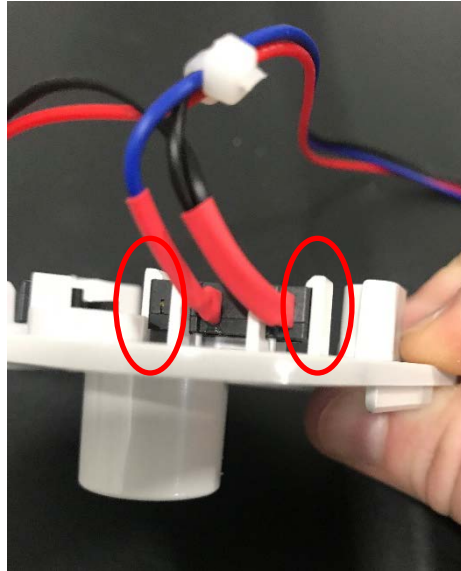
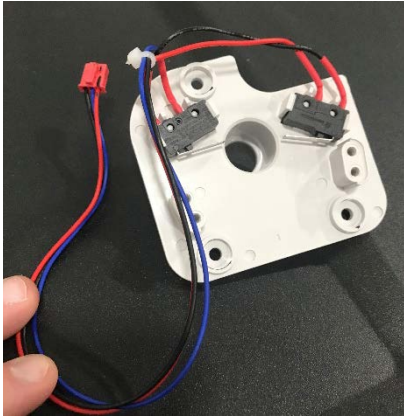


7. Remove the Ice Tray Motor Coupler by pulling it straight out. At this point (if damaged), the coupler can be replaced, by aligning the Ice Tray from inside the Ice Bin and inserting the new coupler. Continue for replacement of Coupler position switches. Locate the 3 screws on the Coupler panel and remove.





8. With the screws removed, pull the Coupler panel away from its mounting position. Each position sensor is held in place by two clips, one on either side. To remove, pull those clips back to release the switch from the housing. Do this for both clips to fully remove.



9. If replacing, place new sensors into place and press in until they “clip” into place. Make sure that the thin metal paddles are in the orientation shown. Put back together in reverse order.

