


Instructions

Controller Replacement

This controller will replace any Prodigy cuber controller, including those with or without the lower light and switch panel. The existing light and switch panel (for units so equipped) will be reused and a new one is not included.

1. Remove front panel. On CU models remove bin to access control box.
2. Disconnect electrical power.

	<p>⚠ WARNING</p> <p>Electrical shock hazard. Disconnect electrical power to the ice machine before beginning.</p>
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3. Open control box door or cover.
4. Unplug all electrical connections.
- 4a. If unit has a KVS board in the corner, remove it now. Tip: Pull the knob off first.
5. Remove any screws or fasteners securing controller to control box door or cover.
6. Push controller down and tilt out at the top. Remove it from the machine.
7. Remove new controller from its protective bag

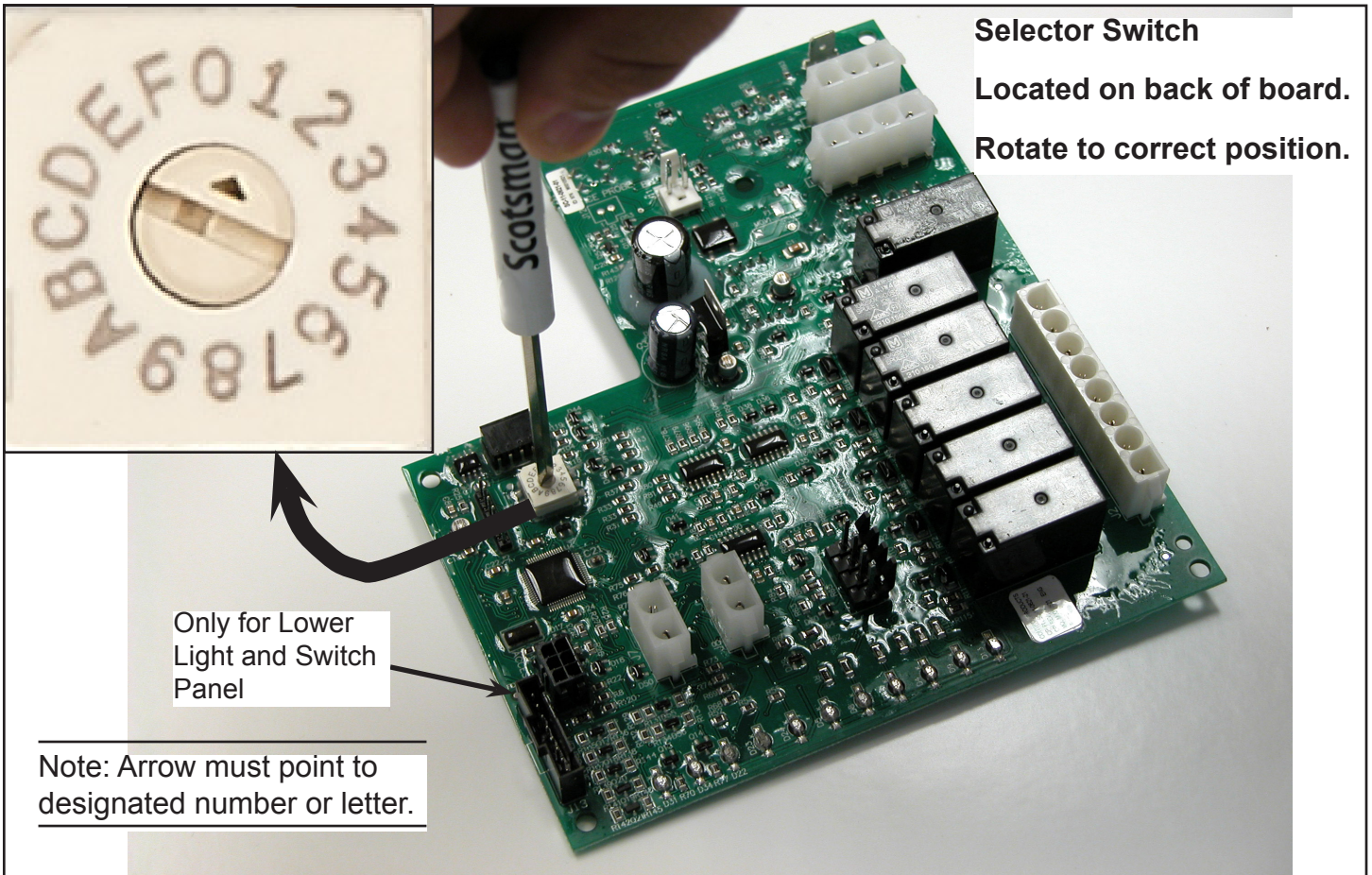
Note: Be sure to touch the metal chassis of the machine to discharge static electricity before removing controller from its protective bag.

8. Select the model the controller is being installed on from the table below, note switch number:

Model	C0322, C0330	C0522, C0530 A or B, C0630, C0722, C0830, C1030	C1448, C1848, C2148	EH222	EH430	CU1526, CU2026, CU3030	EH130	EH330	C2648	C0530C C0530D
Selector Switch Number	0	1	2	3	4	5	6	7	8	9

9. Locate model selector switch. Rotate switch until indicator arrow points at correct number for the model the controller is being installed on.

	<p>Selector Switch Shown at number 1</p>
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10. Place controller onto the control box door or cover. Secure with the original screws.

11. Connect wires:

- J1 - Ground and Power Supply
- J2 – High voltage power harness to loads
- J3 – Factory use
- J4 – KVS board connector - may have a bin level board connected
- J5- Communications port - may have an accessory board connected
- J6 – Thermistor connection
- J7 – Curtain switch - if only one curtain, use either J7 or J8
- J8 – Curtain switch
- J9 – Water level sensor
- J10 – Ice thickness sensor
- J11 – Bin thermostat. Use with NC thermostat & specified harness or Curtain Switch on C2648.
- J13 - Lower switch panel, D series and higher only. If no switch panel, do not connect anything

11a. When used, reinstall KVS board removed in step 4a.

Note: If the optional SmartLock or remote monitor device is used, it requires that the ice machine serial number be logged into the new controller. See the optional device operation guide.

12. Close control box door. Secure with the original screw.

13. Reconnect electrical power.

If the controller is mounted on a machine with a lower light and switch panel (D series and up), **it is critical to use the lower light and switch panel On button to initially start the machine.**

Note: If controller code display shows E and the Power light is blinking, double check the switch setting. The controller is supplied set to a non working setting to force a selection.

14. Push and release On to start machine.

15. Return front panel to its original position and secure it to the ice machine with its screws. CU models return the bin to the unit.