

# Installation Instructions for CHEXX Scoreboard

[www.BostonPinballCompany.com](http://www.BostonPinballCompany.com) (Revision 2)

Original CHEXX Bubble Hockey

Please make sure your game is in proper working order before installing this kit.

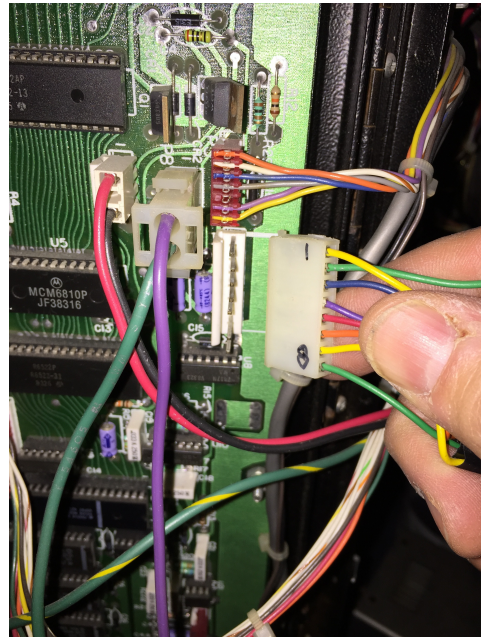
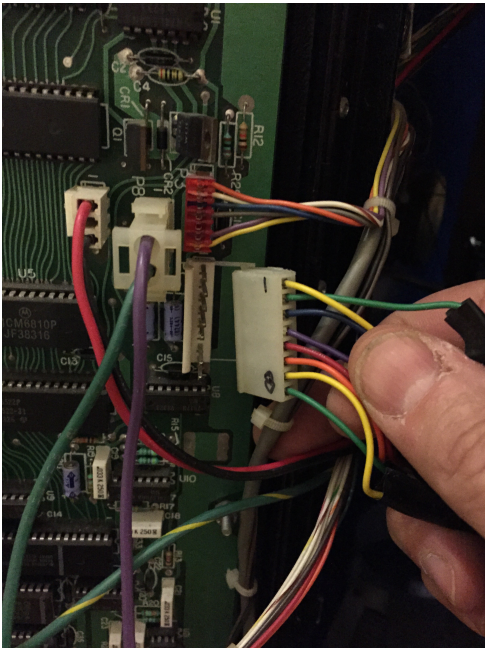
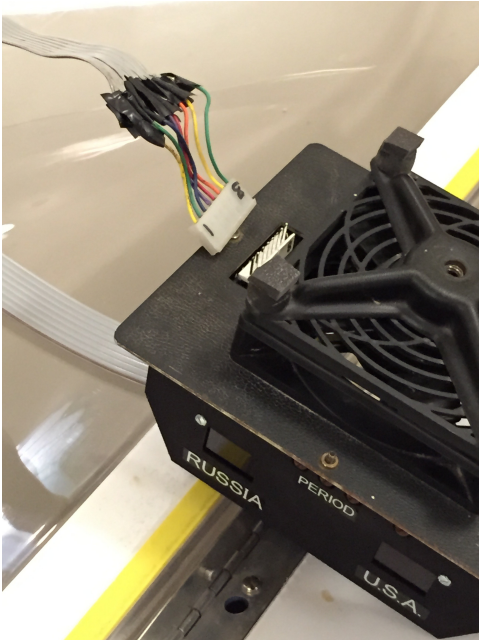
If you have any questions, please contact us before installing the kit. E-mail: [support@bostonpinballcompany.com](mailto:support@bostonpinballcompany.com)

Visit our Support page to download the .pdf @ [www.bostonpinballcompany.com](http://www.bostonpinballcompany.com)

**WARNING: Never unplug any connectors inside your game with the power on. Be sure the power is off.**

## Instructions;

- Please note the orientation of the 8 pin ribbon cable, mark the ends if needed, say #1 & #8



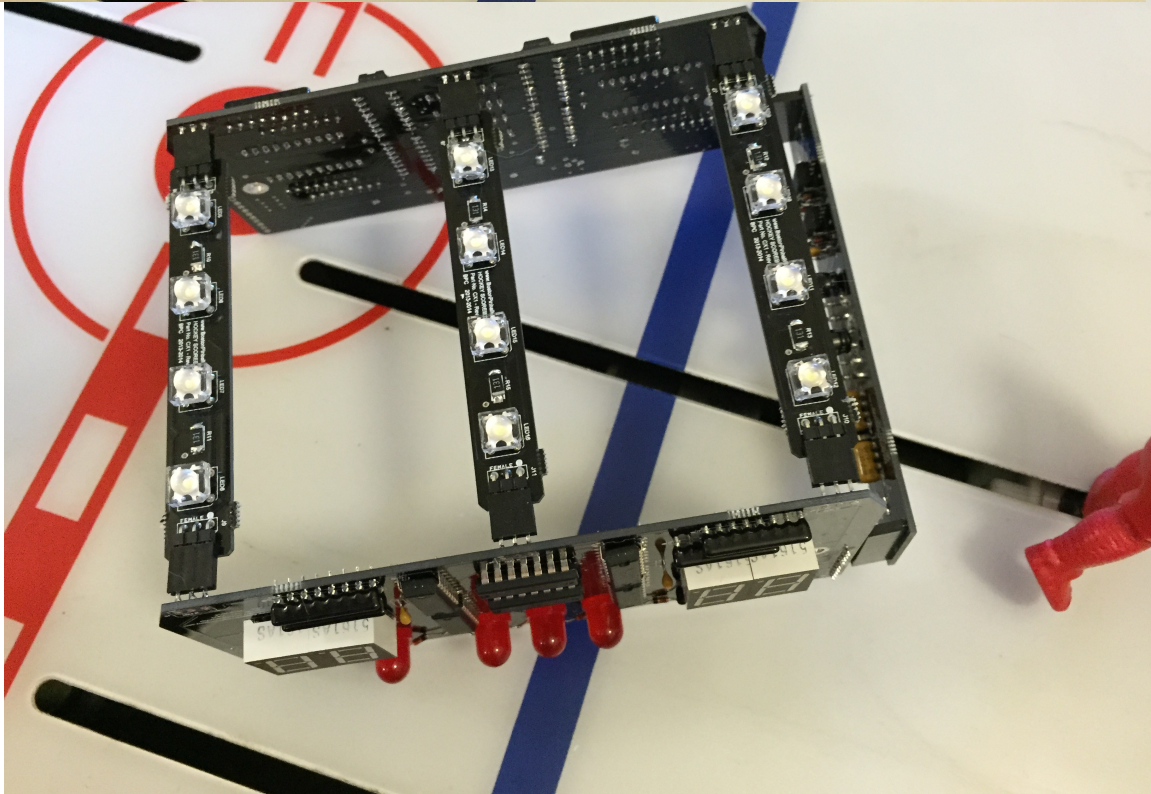
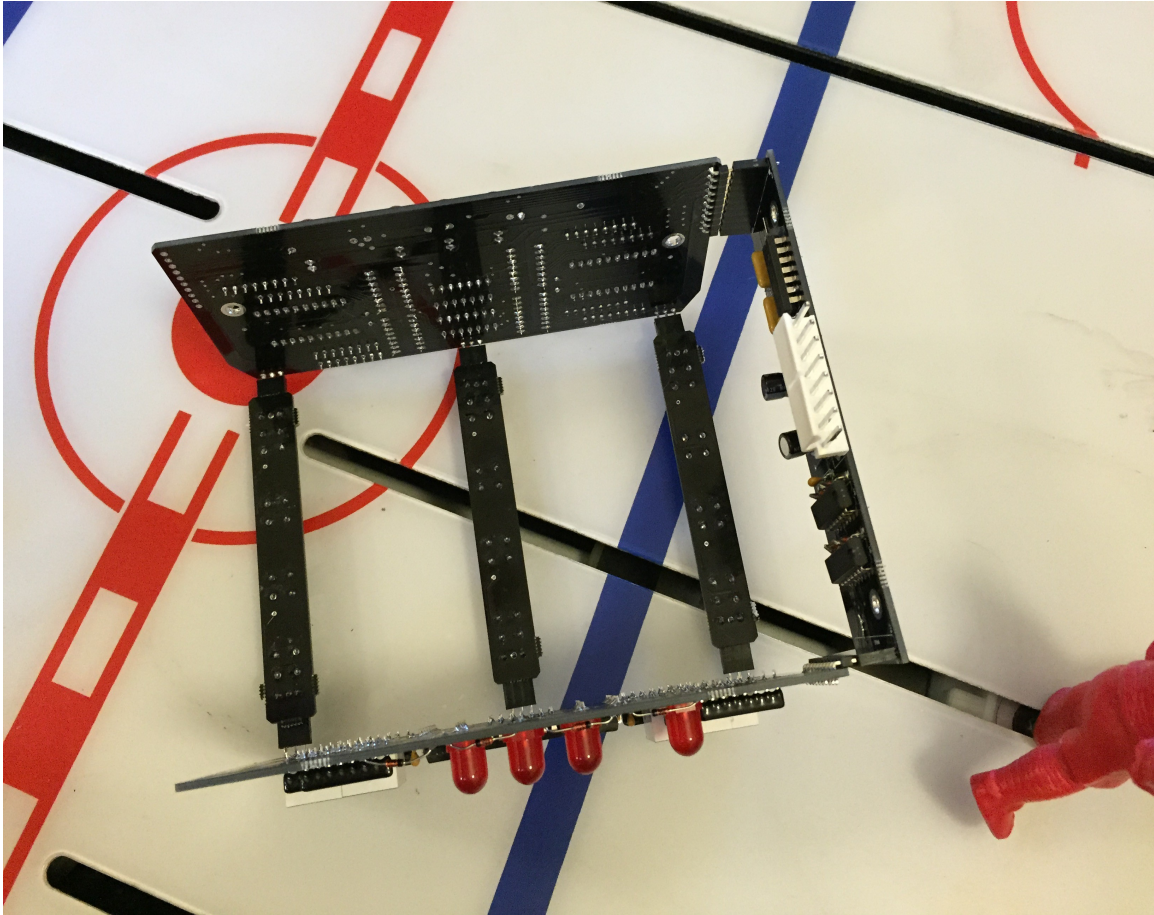
- (if in doubt, check it with an ohm (continuity) meter to ensure pin 1 on the main board goes to pin 1 on the scoreboard)
- (many ribbon cables have been repaired over the years, its a good idea to check continuity on all the pins of the cable to be sure, the IDC type connectors are known for bad connections. Also note some games may have broken tabs on the PCB connectors so it would be possible to plug in the cable wrong. Check our pic's to verify pin 1.)

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- Remove the old score board, take out all the parts, save the hardware, as some you will need to re-use. The fan and bracket it mounts to will still be needed.
- Now assemble the new PCB's as shown in the picture. Install the 3 white LED boards first to the side PCB's, then install the control PCB to the ends of that.



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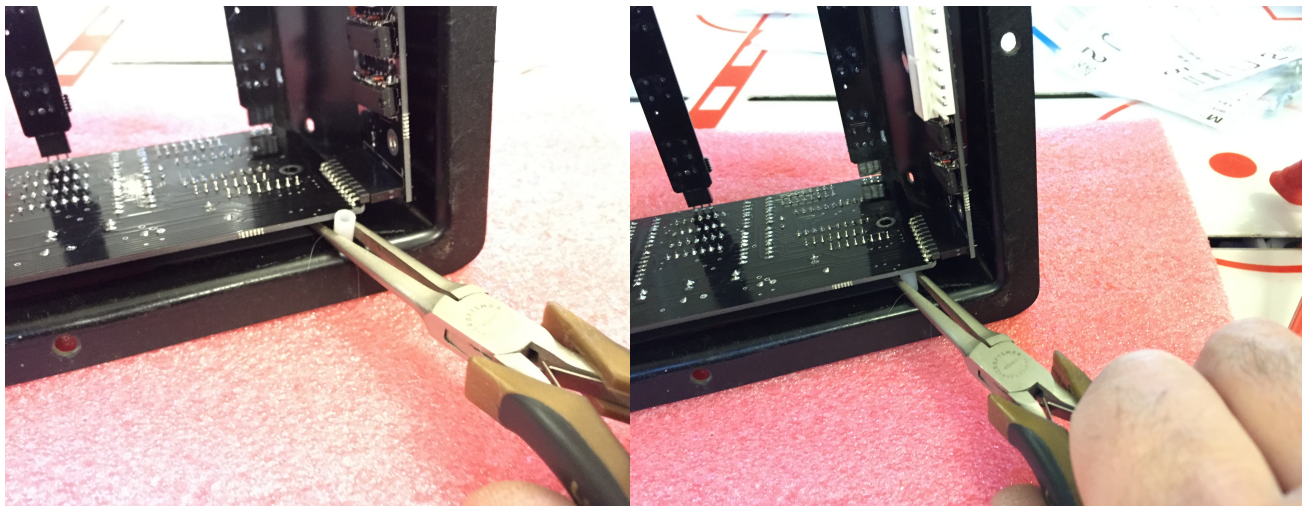
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- Now install the "PERIOD" label above the center cutout as shown in the pic. Trim the top and bottom of the label close to the letters, then install the label aligned with the top edge of the scoreboard.



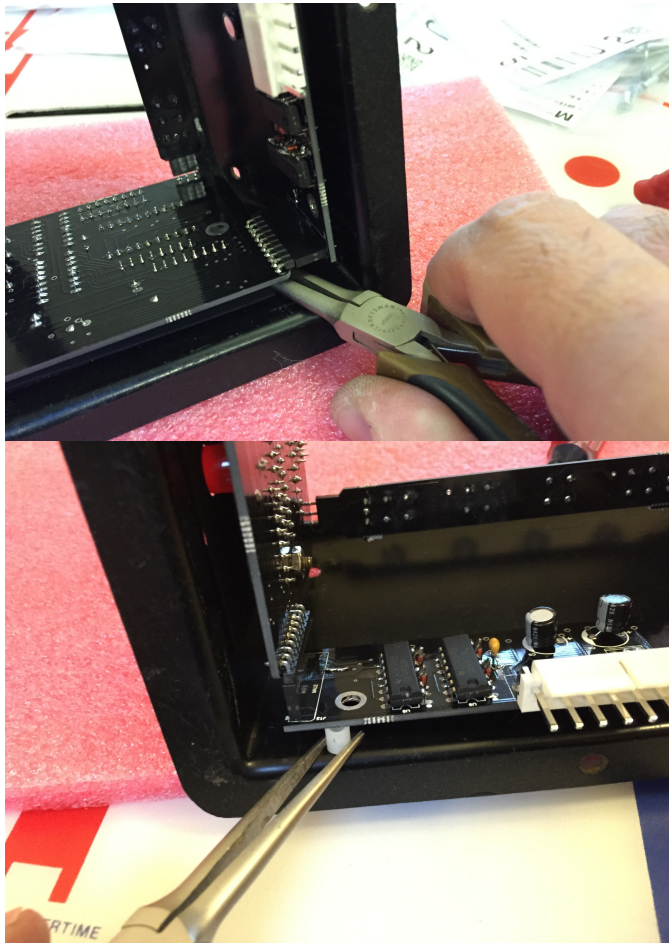
- 
- The period spacer plate can be attached either from the inside or the outside of the scoreboard. (We've tried it on both, it looks smoother on the outside, but there could be a possibility of it falling off from rough game play or the puck bouncing up high, not likely, but you never know!) So select where you want to put it, if on the inside, you need to install it now, if on the outside, you can do it later. Gently snap it into place keeping an eye on the small tabs. (both sides)
- Install the PCB assy, into the scoreboard.
- Now the tricky part, using either long needle nose pliers or a small screwdriver, position the long standoffs (new ones supplies) so that you can install one of the screws in place, position the standoff, then hold the PCB against the scoreboard then install the screw, lock washer and nut to hold it together. Don't tighten the screws until all standoffs are in place.



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- Install the short standoffs for the control board last. Then tighten all the screws and nuts down.
- There is a 3 pin connector for the fan. You can decide to use it or not, the fan is not required as there is very little heat generated with our new PCB's.
- Now install the scoreboard back onto the fan assembly.



- Hook the 8 pin ribbon cable up, verify position of pin 1.
- Install the scoreboard on the dome.
- Play a game of hockey!!