

Installation Instructions for System 80 Replacement Master Driver Board (Revision 1)

www.BostonPinballCompany.com

Please make sure your machine is in proper working order before installing this kit. If you are having a solenoid or drop target problem, especially if your machine is blowing fuses, please check for bad solenoids before installing the new driver board.

Troubleshooting Existing Boards

Our new driver board can correct problems ranging from dim lamps, not working lamps, not working chimes, or drop targets that won't reset. You can test some of these features with the self test mode. See your manual for instructions on how to test the outputs of the driver board. If you find that some of your lamps still don't work even after you have replaced the lamp, the problem could be in the driver board. If your drop targets don't always reset, the problem could be a transistor on the driver board.

An excellent web site that describes problems in great detail is www.PinWiki.com or www.pinrepair.com (now a paid to access site for System 80 repair info)

If you have any questions, please contact us before installing the driver board.
e-mail; support@bostonpinballcompany.com

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

Instructions;

- Turn your machine off.
- Open the backbox and remove all the connectors on the driver board.
- Now is a good time to check the connectors on the cables for any damage or corrosion, there are a couple pictures on our website under: <http://bostonpinballcompany.com/system1cable.htm> that show the differences.
- Remove the old driver board (be careful not to break the standoffs, use your fingers to squeeze the tabs.)
- On the new driver board, if you have one of the following machines, remove the 3 jumpers at the top left of the board. (JP1, JP2, JP3). For all other machines, the jumper stays installed.
MACHINES: Amazing Spiderman, Black Hole, Circus, Counterforce, Eclipse, Force II, Haunted House, James Bond 007, Mars God of War, Panthera, Pink Panther, Star Race, Time Line, Volcano.
- Install the new driver board, re-attach all the connectors.
- If your machine does not have a ground wire from the driver board to chassis ground, you should add one now to the ground terminal on the driver board.
- Close the backbox, power up your machine and play some pinball!