

Rush | “Exit... Stage Left” Loop Light Mod

Installation Guide

First, thank you for buying our mod. It is cool to know that we are able to help people get the maximum enjoyment out of their games!

Information:

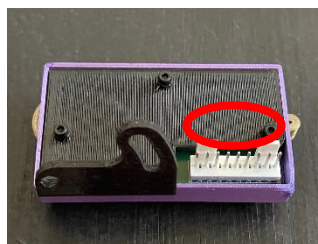
Outpost Kodelia, in partnership with NinjaCamp, has designed this mod to replicate the nearly impossible to see inner loop status lights up to a position where anyone of any height can see them clearly. No more wondering where your missing last shot is for combos or modes! The mod is 3D printed from a variety of materials and colors in order to achieve its theme integrated appearance. The mount is printed from flexible TPU to help the part to absorb impacts from airballs better and can be rotated up to 20 degrees to customize its position to your preference. Inside the mod is a custom-made PCB for the lights and harness connection. Finally, it is rounded out with a custom-made plug-n-play wire harness so you don't have to solder or splice wires yourself.

You may notice bumps and imperfections along the bottom edge of the ESL. This is normal and will not be visible once installed. 3D printing with shiny filaments is notoriously difficult, and this purple filament is particularly so. The part was printed in such a way as to force these unavoidable imperfections to only occur where they will not be visible.

Tools you'll need include: 5/16" nut driver or socket wrench with extension, and a #2 Phillips screwdriver.

!!Important Note!!

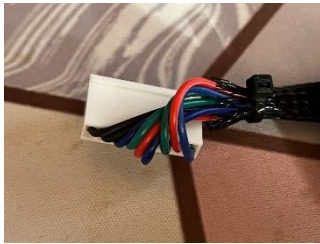
If at any point, you need to remove the wire harness plug from the ESL's header, it is very important that you grip the ESL firmly and apply steady counter pressure with your thumb at the point circled in red as you gently remove the plug. ***Failure to do so could rip the PCB out of the ESL and will void any warranty.***



Installation:

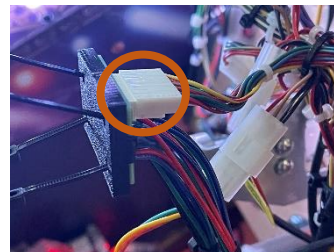
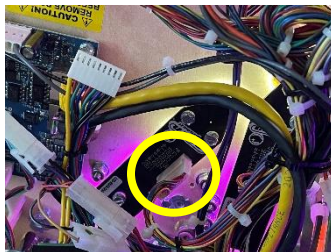
Step 1:

First you need to prepare the wire harness to make it easier to pass it through the playfield and plastic openings. Take the long wire (labeled “Mod Light Board” on the harness PCB) and gently fold it as shown in the first photo, then wrap it in masking or painter’s tape as shown in the second photo, making sure to work and wrap the tape so that the tip comes to a point like a spear.



Step 2:

Eject all six balls, turn off the game’s power, and lift the playfield. Disconnect the plug from the existing loop light board, as shown in yellow. Connect that same plug to the open header on the wire harness PCB (labeled “Cabinet Wire”, shown in orange). Connect the short wire on the harness (labeled “Original Light Board” on the harness PCB) to the light board that you disconnected the wire from at the beginning of this step.



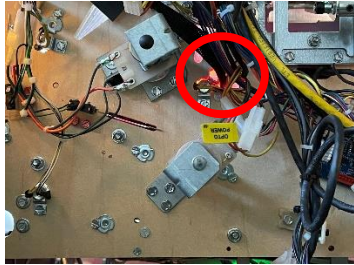
Step 3:

Secure the harness PCB to the nearby wire bundle with the included zip ties, as shown. The plastic backer will prevent the back of the PCB from damaging the wires in the bundle.



Step 4:

Feed the taped “spear” end of the long wire on the harness through the opening in the playfield (circled in red) and through the opening in the plastic beyond that. This may take some patience and a few tries to get it through both, but it is FAR less effort than it would be to disassemble the upper playfield enough to make this unnecessary. Once it is through, it will exit near the left rear of the time machine, as shown in the second pic. Pull several inches through and in the direction of the trough and lower the playfield.



Step 5:

Plug the harness wire into the header on the ESL. Remove the screw and nut circled in yellow in the first pic. Install the ESL mod using the same. First install the screw through the basic hole in the mod's mount, but don't screw it down tightly yet. Next reinstall the nut over the adjustable opening in the mount. Find the angle you like best and secure both the nut and the screw (don't hesitate to give the mount a little bit of flex as needed to secure the screw). It should look something like the second pic. Adjust the wire harness to a position of your liking, pushing any extra length back into the playfield opening. You're done! Enjoy finally seeing those lights!!



Final tip:

Literally EVERYTHING on this playfield is as sharp as a knife! During installation and removal be very careful not to slice yourself. There are also washers involved here, so be careful not to lose these when you remove parts, and to put them back in the right places.

Contact:

If anything goes wrong feel free to reach out to support@ninjacamp.com, @aniraf, or @OutpostKodelia on Pinside. I will respond as quickly as possible.