

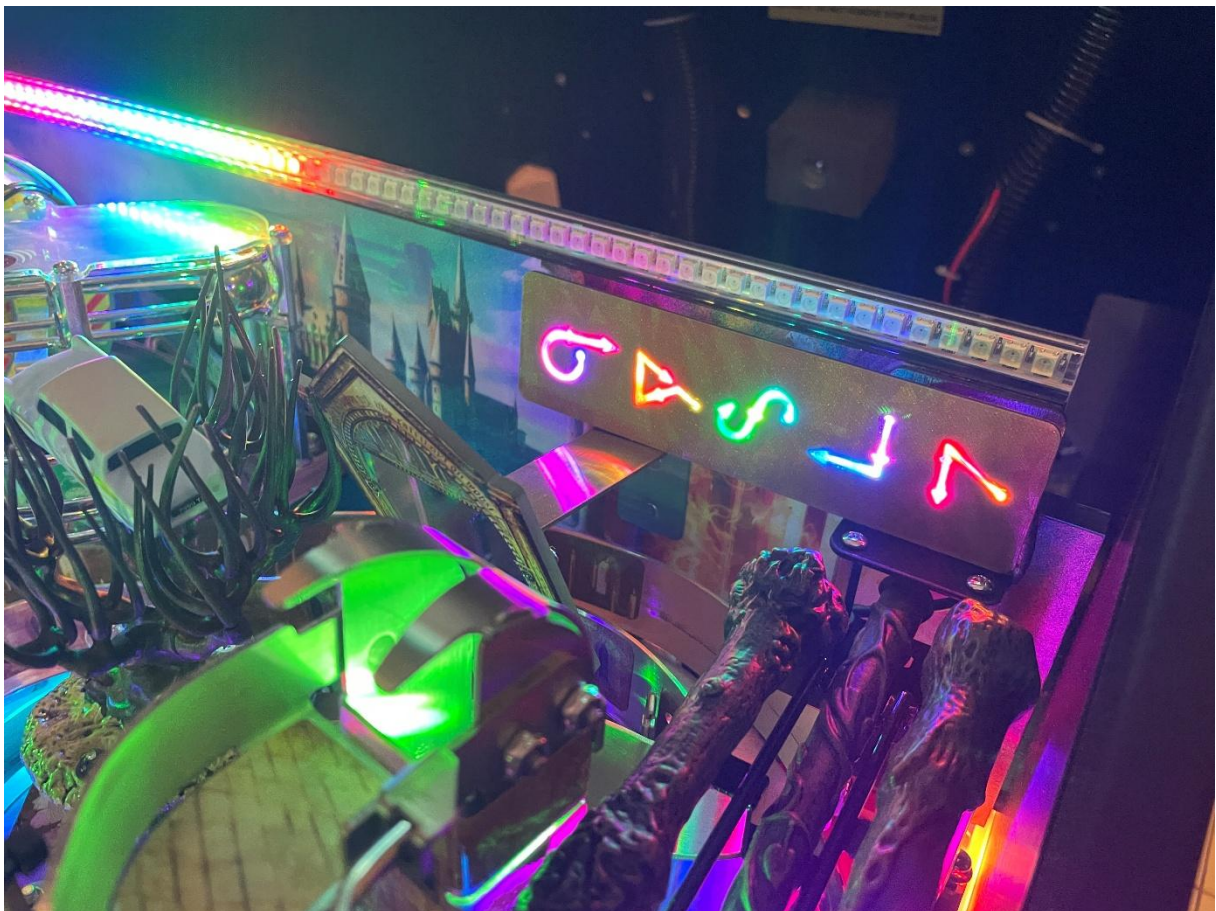


**Installation guide for the "Pino Pinball Mods"
Illuminated Spells Panel.**

**For all Harry Potter Jersey Jack Pinball machines
(Arcade/Wizard/Collector).**

Version 1.0a (February 20, 2026, 09:41).

Mod installed on the back panel:



Mod installed on magic wands:



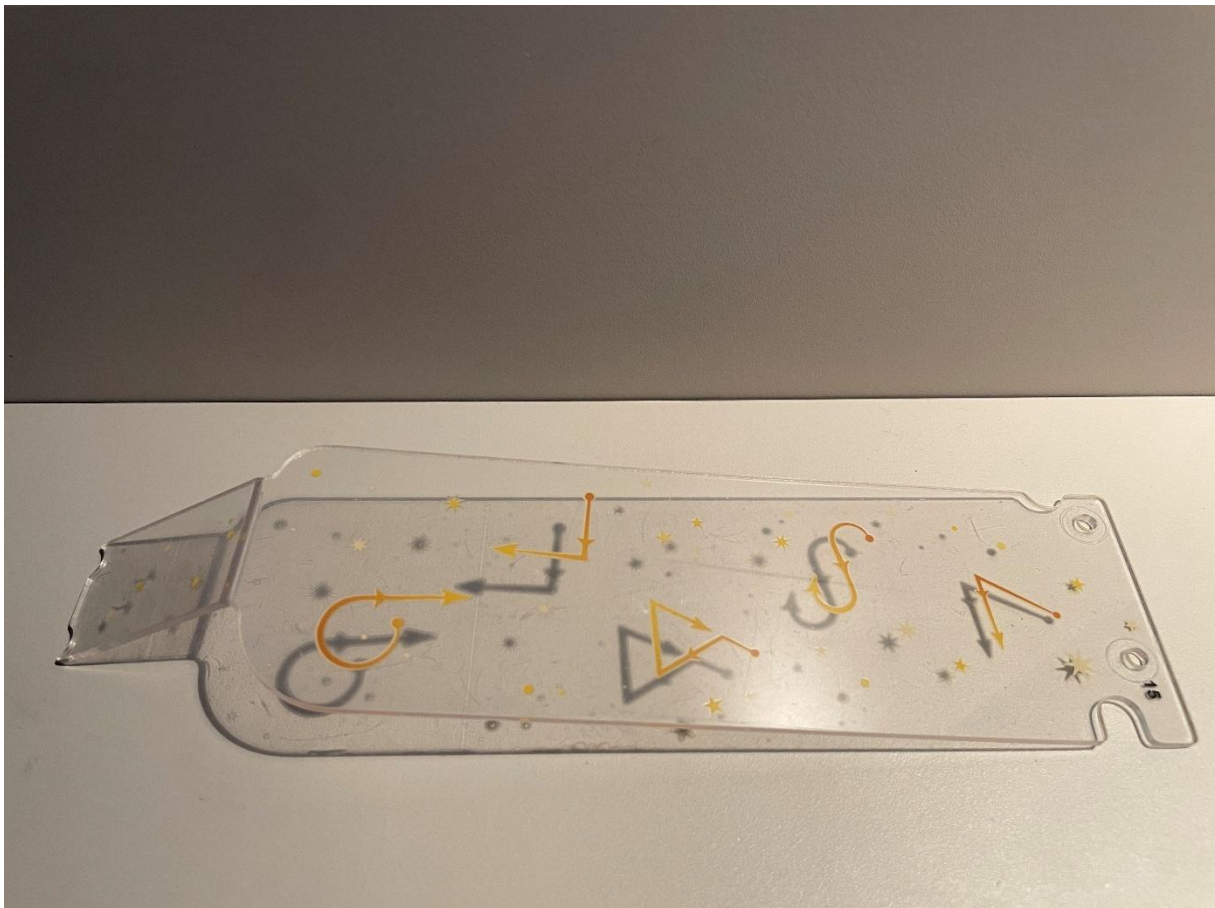
In your bag you received all the pieces shown in this photo.



First, carefully remove the glass from your pinball machine.

Second, choose your desired mounting method. As shown in the first two photos, you must choose one of two mounting options: on the back panel (Option A) or directly onto the wands (Option B).

If you have previously installed the clear plastic part number - 15, you must first remove it, along with the two 1-3/4" hex posts, the four washers, and the two nuts that were included with your JJP purchase.





If you choose option B, go directly to page 14.

Option A: If you have chosen the mounting on the back panel (default mode):

You should start with the following photo where you can see the two black threaded rods on which your mod will be installed.



Install the following components, as shown in the following photo.

The hex posts included with the mod are shorter than those supplied with your pinball machine. They measure exactly $\frac{7}{8}$ of an inch. You should already have the 4 washers and 4 nuts, but we are providing them again in case you have misplaced them.



First, install the two washers provided on each of the two threaded rods.



Next, fix your two hex posts.



Position your mod according to the following image.



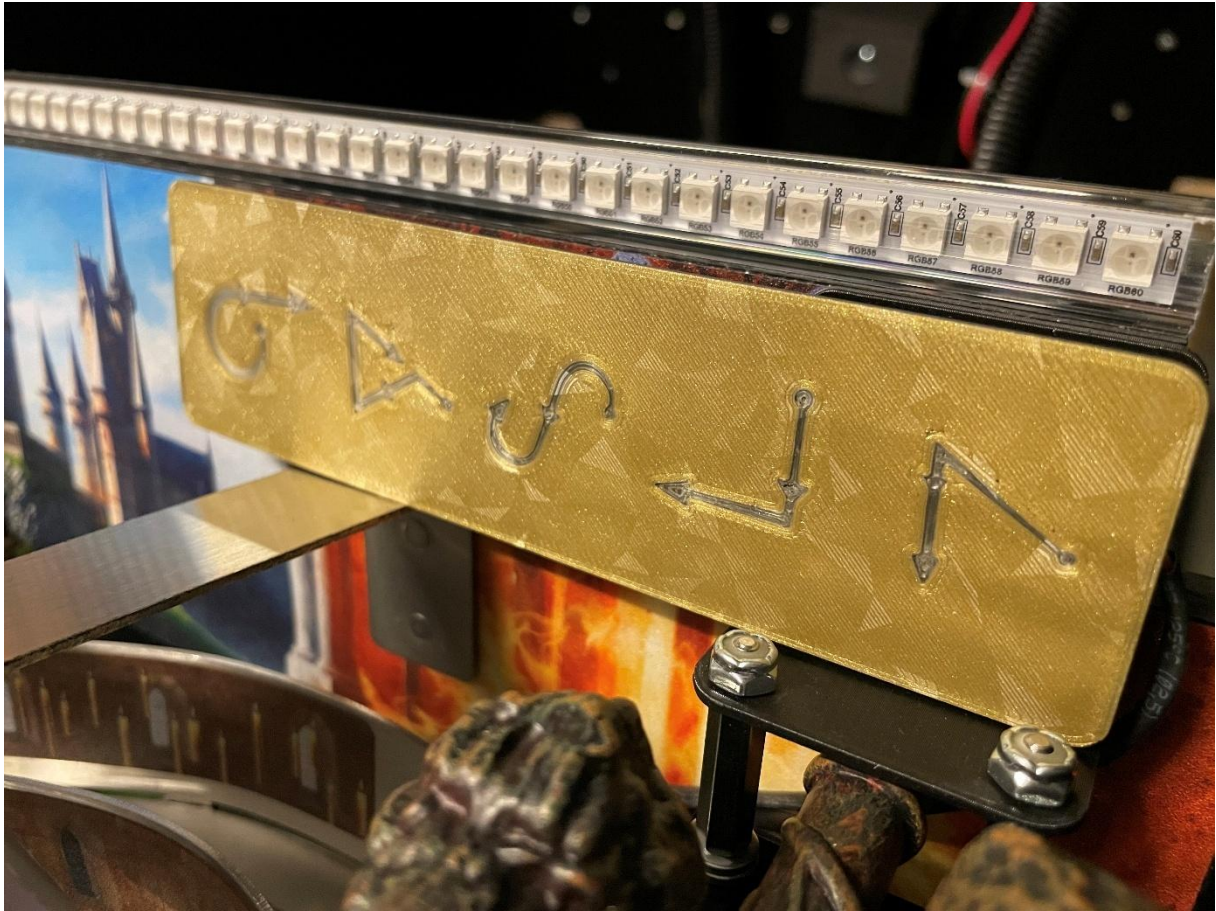
Next, screw in the two #6-32 nuts as shown in the following photo.



To tighten, use a 5/16 inch socket wrench.



The other side of your mod rests on a metal plate, as you can see in this photo.



Now go directly to page 20 to connect your "Spells Panel" electrically.

Option B: If you chose the setup above the magic wands:

Since the mod you receive is pre-installed for mounting on the back panel, you need to change the mounting bracket on your "Spells Panel". To do this, use a Phillips screwdriver to remove the two small screws shown in the following photo.



You then need to install the other bracket as shown in the following photos.



Screw the two small screws back in to secure it.



You now need to take the two large hex posts you received when you purchased your pinball machine. These hex posts are 1-3/4 inches long. First, mount the two washers underneath the hex posts before screwing them in. You can lightly tighten the two hex posts with a 1/4-inch socket wrench.



Next, position your "Spells Panel" plate.

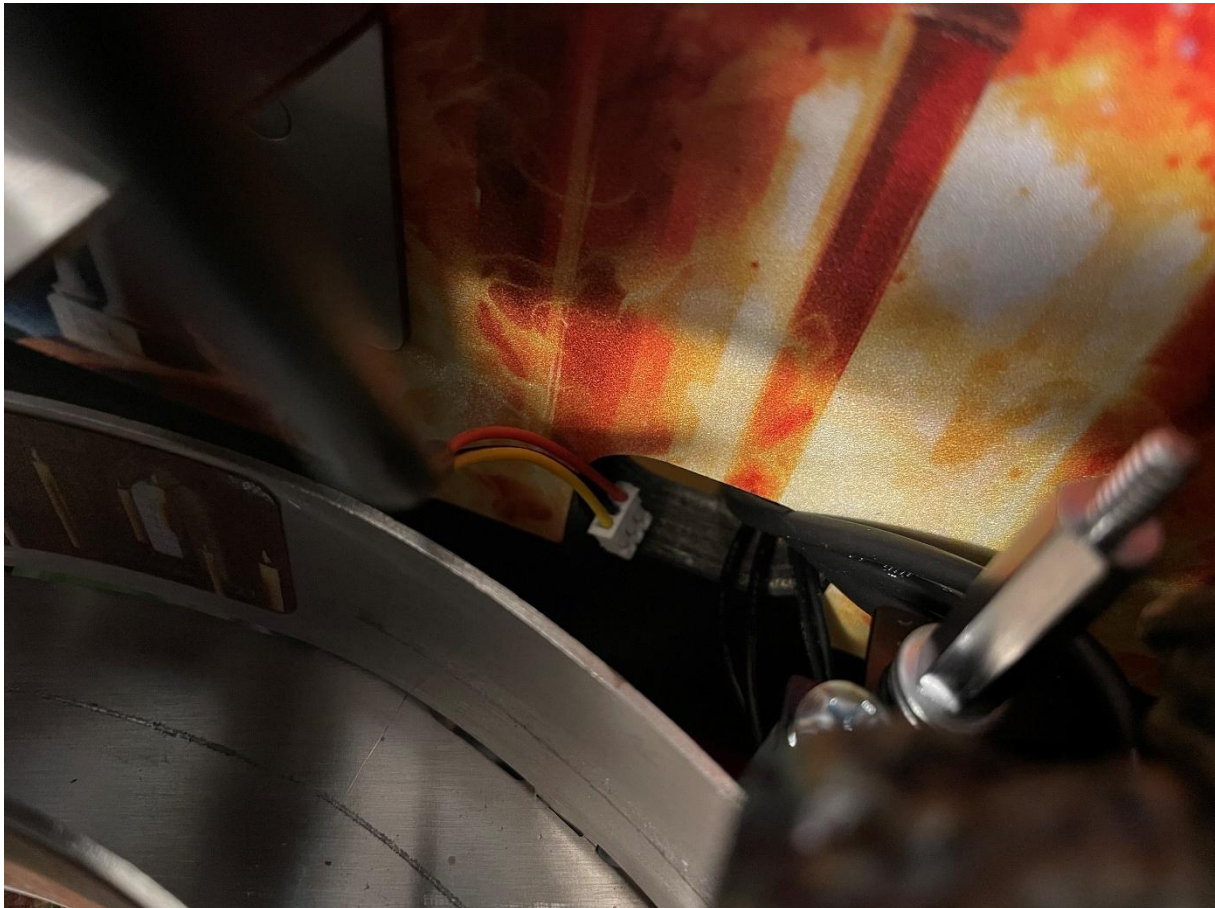


And screw the two small #6-32 size nuts with your 5/16 inch socket wrench.

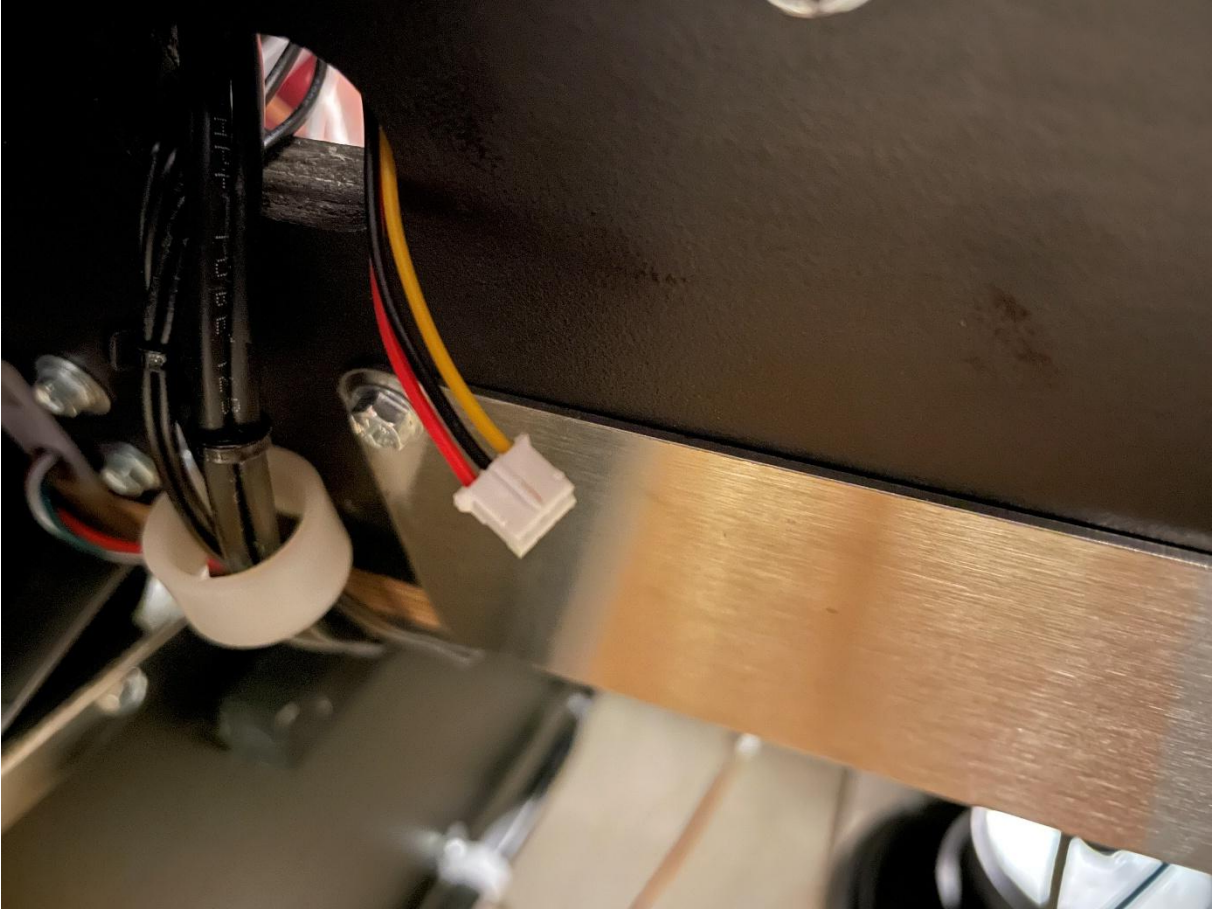


Electrical connection:

Next, pass the small white RGB (black/red/yellow) connector from your "Spells panel" through the hole located on the back panel.



On the other side of the back panel you should see your small connector appear.

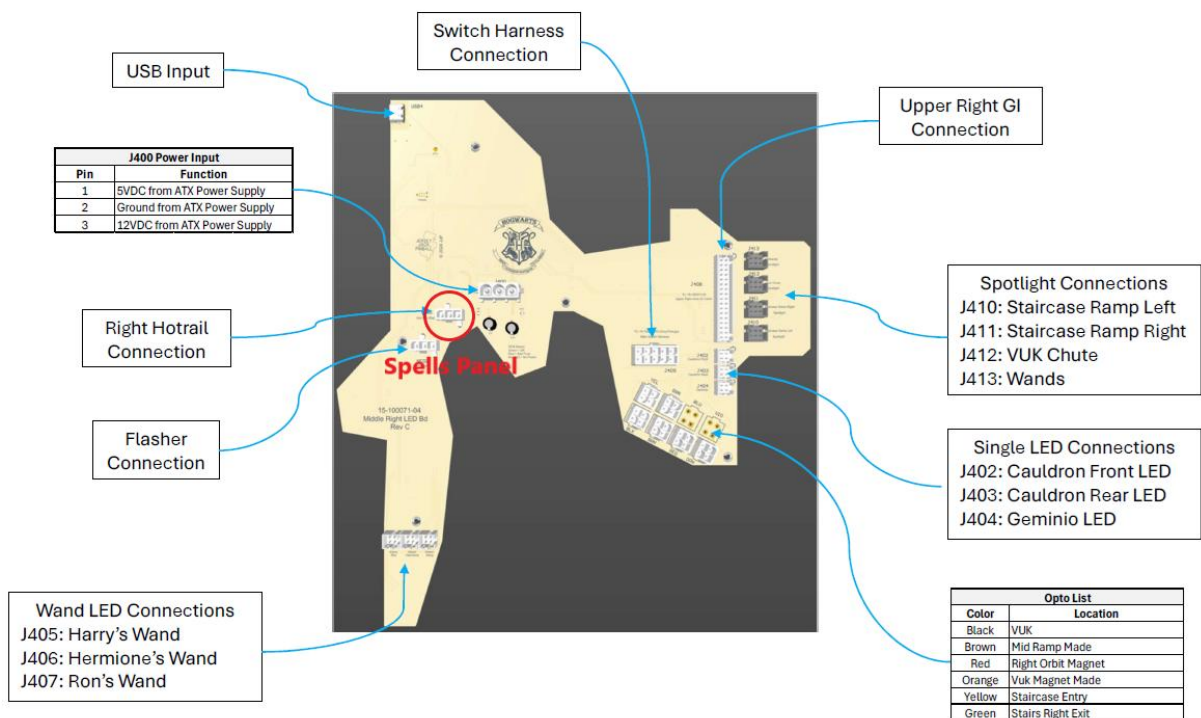


You will then need to connect your Spells Panel electrically.

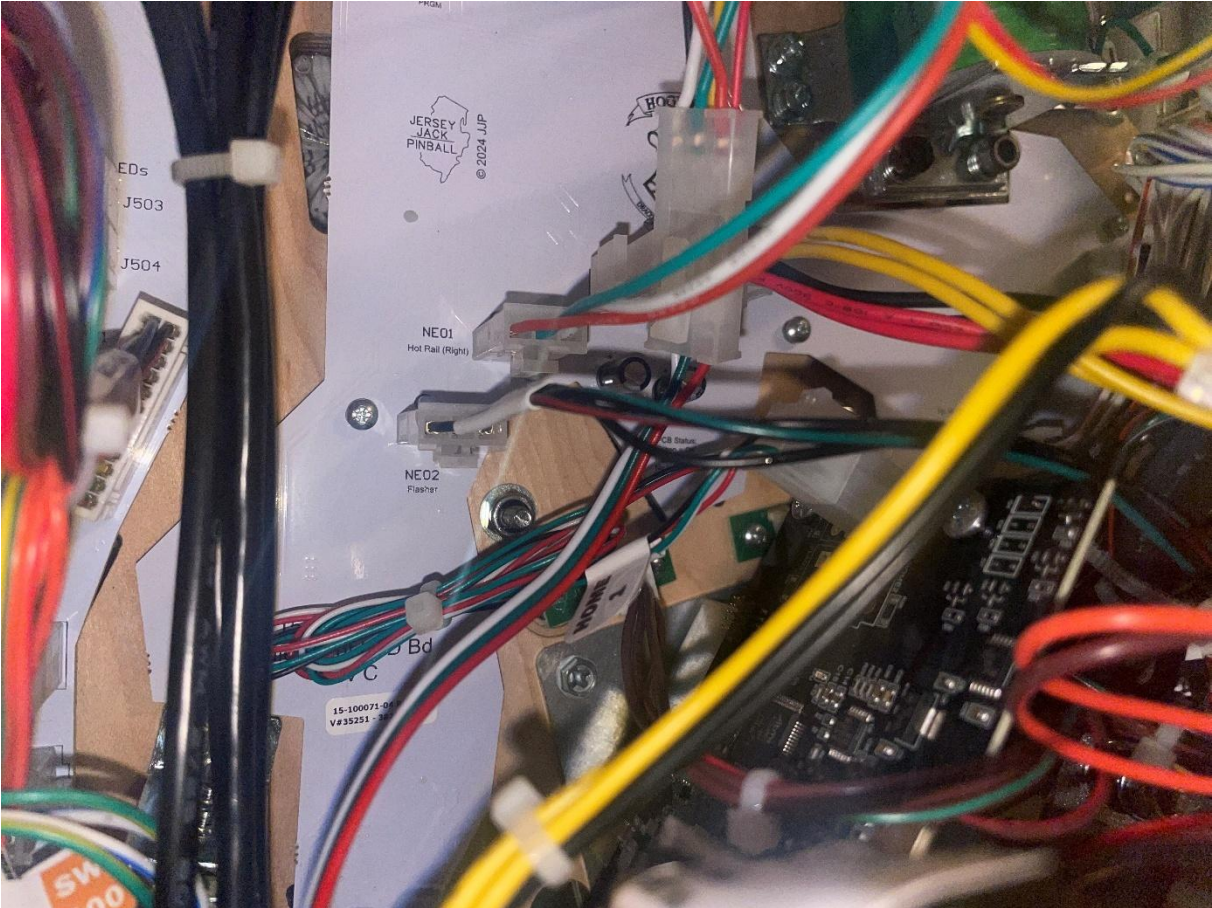
To do this, lift your playfield.

The Spells Panel connects to a specific location on a male "Right Hotrail" connector designed for this purpose.

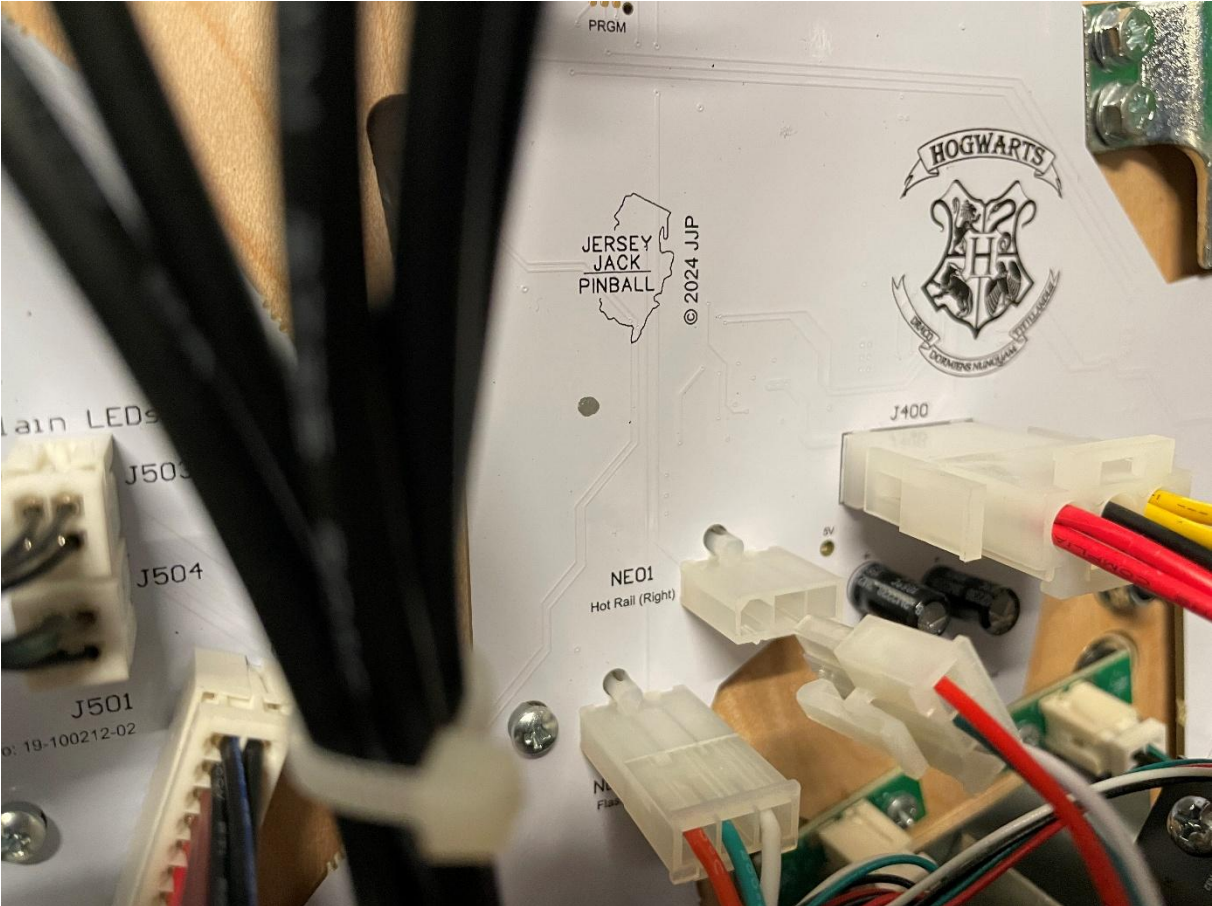
Here is a diagram of the large white circuit board where the Spells Panel connector is located.



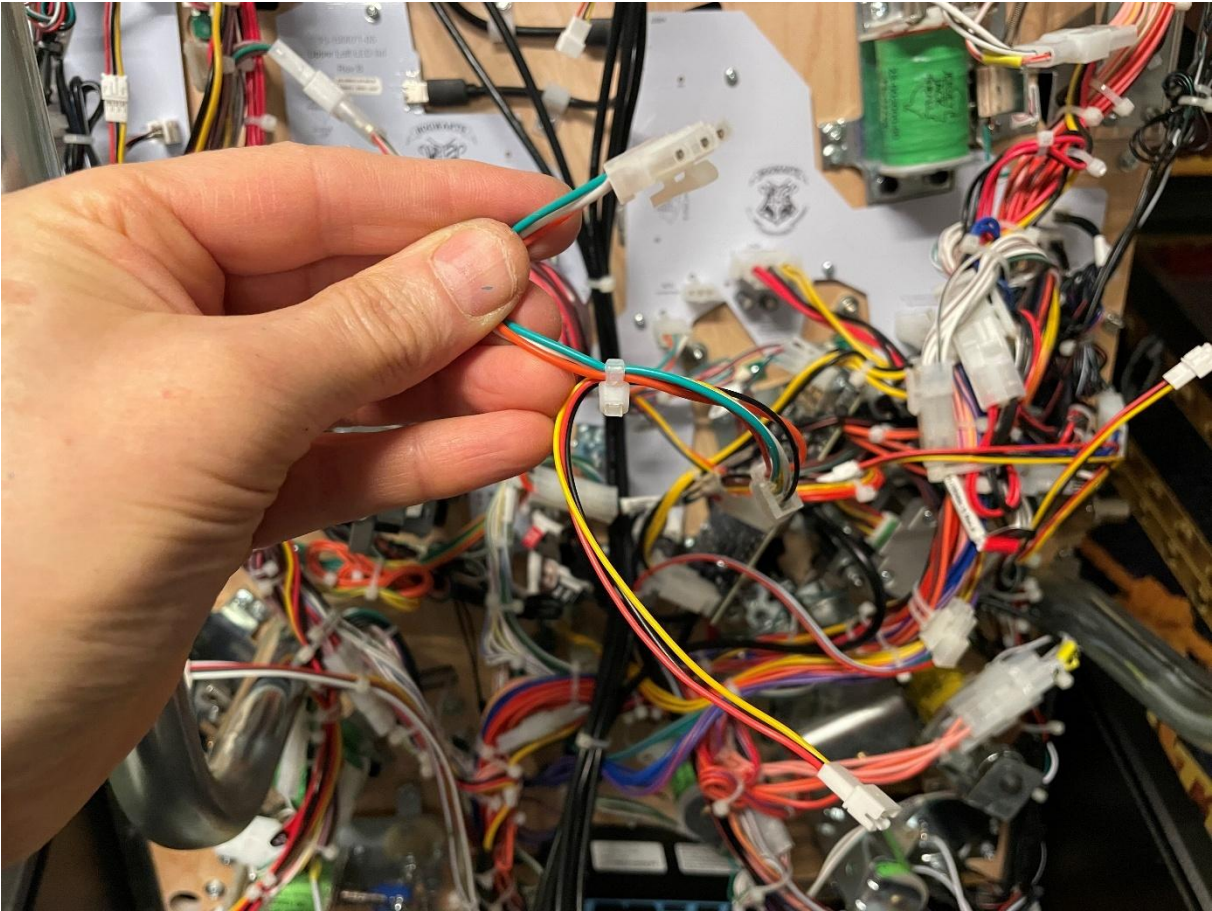
The "Spell Panel" connects in parallel with the RGB LED light strip called "NE01 Hotrail Right".



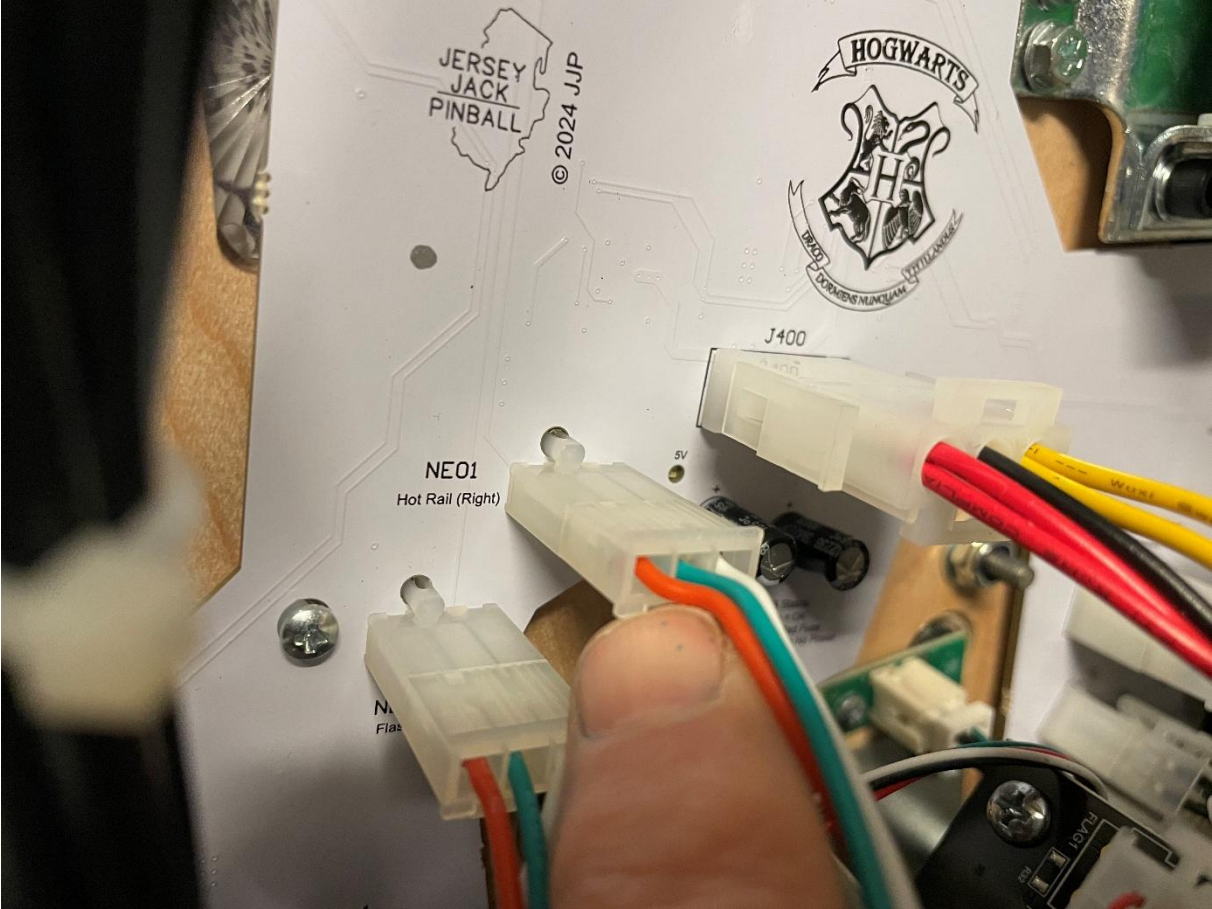
To do this, disconnect the existing female connector located on the male connector "NE01 Hot Rail Right".



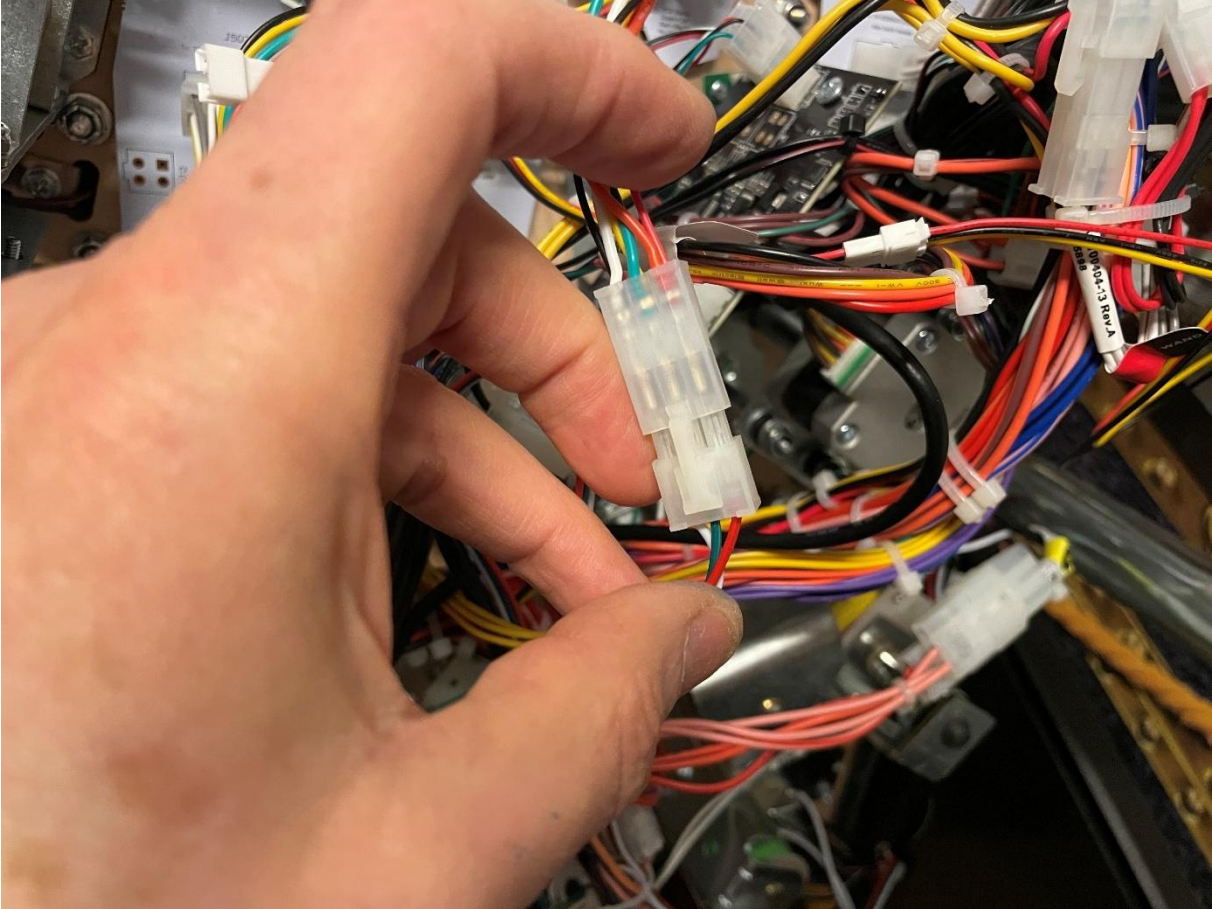
Take the cable assembly provided with the mod.



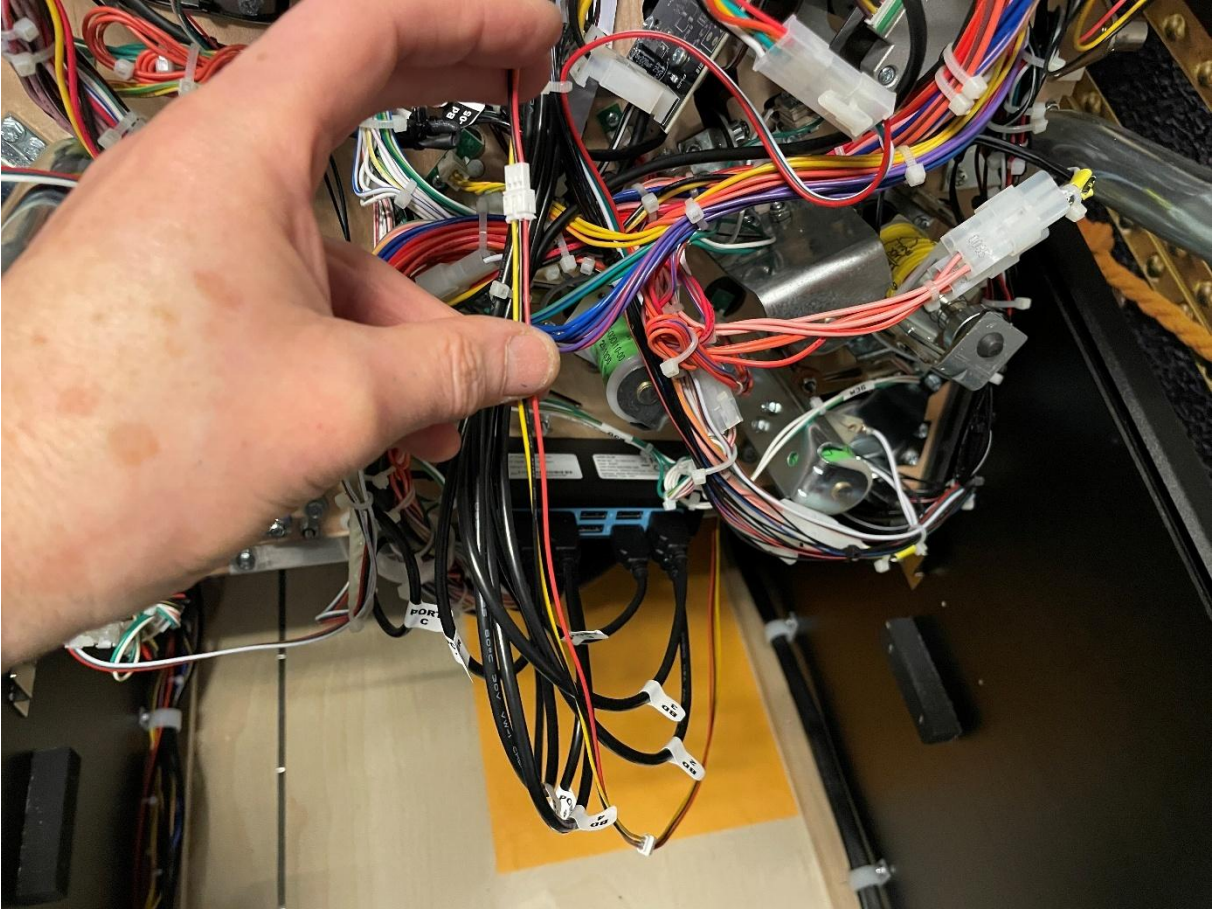
And connect the female connector of the cable assembly to the male connector "NE01 Hot Rail Right".



Reconnect the disconnected female cable to the remaining male connector of the cable assembly.



Finally, connect your "Spells panel" to the small RGB (red black yellow) connector remaining on your cable bundle.



There you go, your mod is installed! 😊 Have fun!

