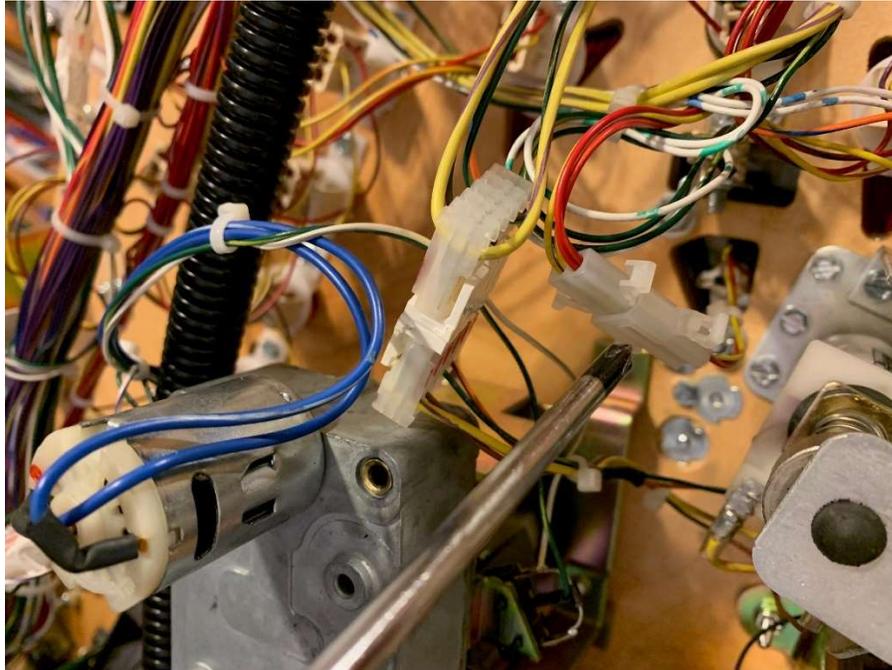


## **Stern Lord of the Rings Palantir Mod Installation Instructions**

**Disclaimer: Pinball machines are complicated devices. Installation of this mod should only be done by qualified technicians or hobbyists who fully understand how to work on a pinball machine. While this mod was thoroughly tested before shipping, any issues, problems, and/or injuries that occur during the installation of this mod are solely the responsibility of the buyer. Pictures and descriptions shown are specific to the machine shown and may vary from your machine due to manufacturing differences and/or changes made by previously to the pin.**

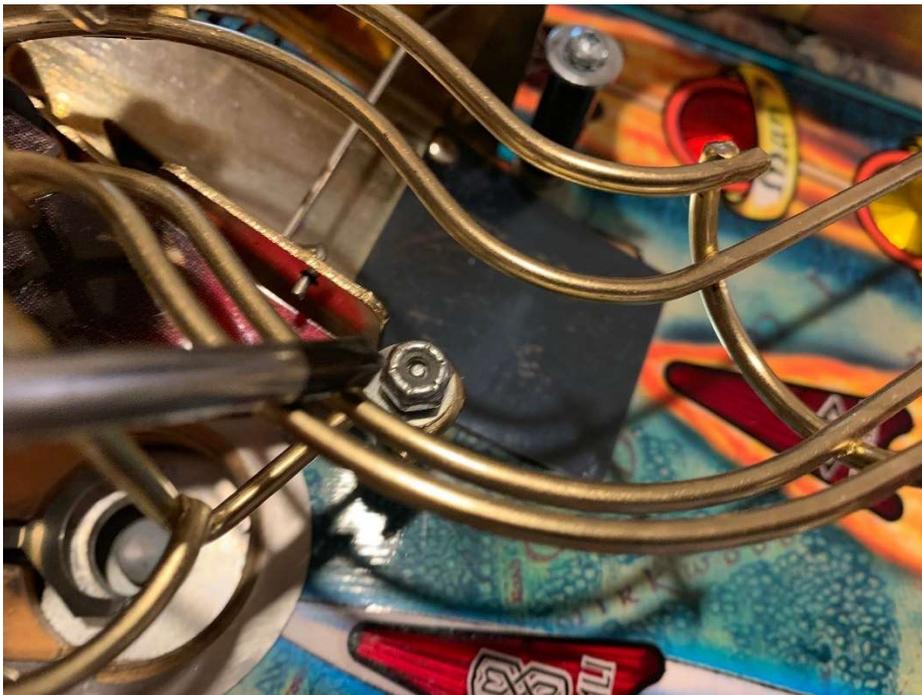
- 1) Turn off the pin and unplug it. Remove the lockbar and playfield glass. Remove the balls from the playfield and raise the playfield to the full open position, resting against the backbox.
- 2) Under the playfield locate the 2 pin molex power plug for the existing Palantir light. It is located near the motor/gearbox for the Balrog in the middle of the playfield, shown in the picture near the screwdriver tip. Disconnect the Palantir plug from the wiring harness.



- 3) Lower the playfield. Locate the post at the back of the existing Palantir bracket, indicated by the screwdriver tip, that secures the wireform and the rear of the Palantir bracket. Remove this post and washers, set aside for later. Note that due to slight variations of your pin the exact post/washers/nuts may differ.



- 4) On the opposite side of the Gimli hole remove the locknut & washer holding down the other side of the metal wireform, setting them aside for reassembly later.



- 5) Once the hardware from steps 3 & 4 is removed gently lift the wireform up about 3/4 of an inch, just enough to expose the Palantir mounting bracket. The Palantir bracket and rubber post ring should come off at this point by lifting it up.



- 6) With the original Palantir bracket set aside, the original light socket is visible (circled in red). Gently remove it, pulling the wire disconnected in step 2 thru the hole. Set the light socket aside, it will not be used for the new Palantir assembly.



7) At this point, take the new Palantir assembly and feed the wire & plug thru the hole.



8) Carefully place the new Palantir assembly onto the existing mounting posts, making sure the wire feeds all the way thru the playfield hole.



- 9) Replace the post rubber ring and the washer/post from step 3 back onto the new assembly. Don't forget to put the wireform mount in place as well!



- 10) Replace the washer and nut from step 4 to fully tighten down the wireform.



11) With the new Palantir assembly secured in steps 9 & 10, carefully raise the playfield and rest it against the backbox. Plug in the new Palantir assembly wire into the existing wiring harness from step 2.



12) Lower the playfield, put the balls back into the pin, reinstall the glass and lockbar. Plug in and turn on your LOTR. DONE!!! Now enjoy the new Palantir Sphere taunting you to hit its target!!!!

