

15.19 Averell's Stasis Chamber Mod Kit

- This is a very simple, cheap and easy to build stasis chamber mod kit.
 - The mod is connected with just one cable directly to the 12V supply of the middle PCB under the playfield of the Pinball Machine.
 - There is no need to program or configure anything on the mod, because it works immediately when the 12V voltage is applied.
 - This mod only requires a few mA without unnecessarily overloading the power supply.
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- In addition to the 3D printing files, the following parts are required:
 - 3D Printer or printer service
 - Filament PLA or PET-G (color as desired)
 - 30 cm of 30 mm x 2 mm transparent acryl tube
 - 4 x LED 5 mm RGB, or colored green, blue or as desired
 - 1 x Resistor (value depends by used type of LED)
 - 700 mm cable 0,5 mm² (red and black)
 - JST 2 pin connector
 - Clear coat
 - Clear resin with hardener
 - Various waterslide transfers decal sheet
 - 1 x Metal Post Williams Part No. 02-4425-1
 - 1 x Mini Facehugger
 - 30 cm of 2 mm stainless metal rod (shortened as required)
 - Before the base can be screwed in, the post must be replaced with a post with a longer thread.
 - Route the cable under the plastic past the spinner holder and through the hole under the playfield.



Fig. 70: Mounted stasis chamber mod kit



Fig. 71: 3D printed parts with decals



Fig. 72: Exchanged post



- Lead the cable to the 12V connection as shown, but do not plug in the connector yet.

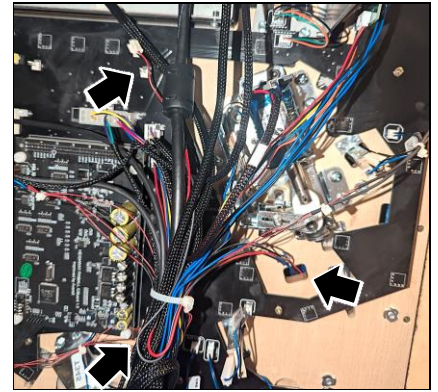


Fig. 73: Cable routing

**Note**

Before soldering, check the value of the required series resistor and check the polarity of the diodes and the connection plug under the playfield.

- Screw the base onto the post.
- Feed the cable through the hole on the side into the base.
- Solder the four LEDs together in series with the resistor and connect the cable to the LEDs.



Fig. 74: Soldered LEDs

- Insert the holder with the soldered LEDs into the socket and pull the cable through.



Fig. 75: Mounted socket

- Connect the plug with the 12V connection under the playfield and switch the Pinball Machine on.
- The LEDs light up immediately.

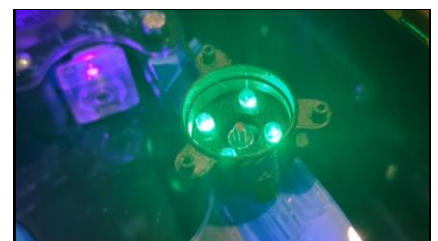


Fig. 76: Working LEDs



- Depending on which Facehugger model you are using, you can now cut the tube and the metal rods to the appropriate length.
- In this case the tube is 75 mm long.
- The rods have a lengths of 71 mm.
- Now place the Facehugger in the tube and pour the resin with the hardener in the appropriate mixing ratio into the tube.
- Ensure that the Facehugger is enclosed without any bubbles.
- Wait until the resin has cured properly.

- Place the upper part of the stasis chamber mod kit onto the tube and insert the tube with the upper part and the metal rods into the lower part.



Fig. 77: Facehugger in resin



Fig. 78: Upper part with tube

Enjoy!



Fig. 79: Complete stasis chamber mod kit

