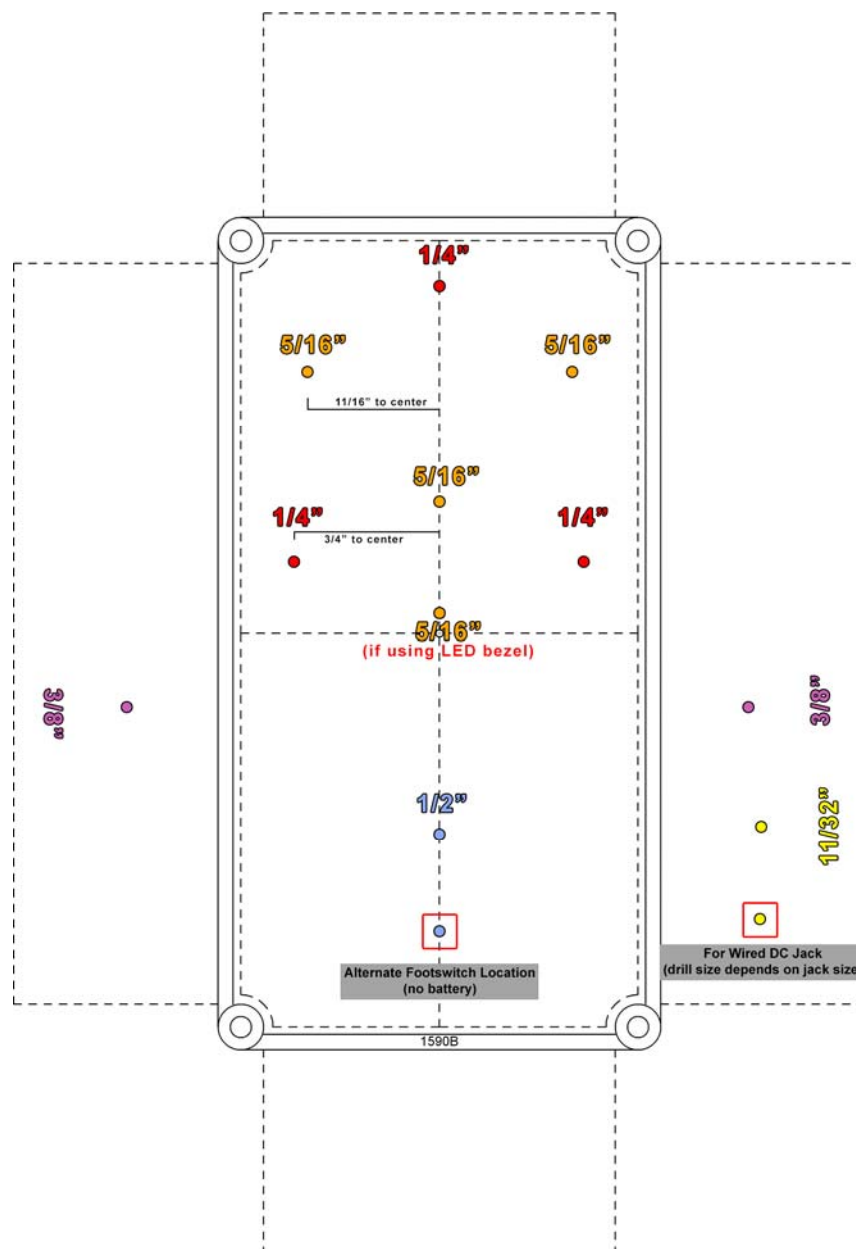


# VFE DRILL TEMPLATE

v.1 © madbeanpedals

*It is recommended that you use an actual Hammond 1590B due to tighter manufacturing tolerances but this is not critical.*



## Notes for Success

- If you are like me (not a precision driller) I suggest over-drilling the  $1/4"$  spots where the plastic shaft pots go. Going one size up (either in fixed bit size or Unibit) will ensure you get proper clearance with the enclosure so that the plastic shafts do not snag.
- Some projects may use switches in place of the plastic shaft pots which will require larger holes. That will be noted in their individual project documents.
- If not using a battery (and you shouldn't be anyway 'cause they are wasteful) I suggest the alternate foot-switch location. It gives more clearance.
- I prefer using a wired DC Jack instead of a PCB mounted one. It's not much more work and that way you do not have to worry about centering your drill hole perfectly around a PCB mounted part. So, if you want to use a wired jack use the alternate spot indicated. The drill size will depend on what style DC Jack you use (I recommend the Lumberg style).
- For the LED, you only need to go up to  $5/16"$  if you are using a bezel. If you are not using a bezel, simply drill to the appropriate size for your LED (3mm, 5mm, etc).