

Preventing Hot Glue Gun Drips, Version 1.1

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This is so obvious. Why did it take me so long to see it?



I have used a hot glue gun for decades. I prop it up on its stand and glue drips out while it waits to be used. No surprise there – gravity acts on the molten glue in the nozzle and it drips out.

I don't like those drips. Along with wasting glue, it makes a mess of my workbench top. On the other hand, it is easy to grab and use. Life is full of trade-offs.



For once, I stopped and thought about the problem. I disliked the drips of glue more than I liked having easy access to the gun.

The solution was then so damned obvious!

Yes, it is awkward to grab but no more drips. Notice that the angle of the nozzle with respect to the benchtop is small. I do not want to encourage too much molten glue leaking back into the gun.

This prototype tells me it is worth making something a bit more substantial.

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I bent up some tempered aluminum sheet stock and bolted it to a scrap of hot rolled steel. It was secured at one end with a 6-32 into a tapped hole. The other end has a longer 6-32 with a spacer to provide a slight angle. It too screwed into a tapped hole.



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