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## Intro: Wire Torch Holder

The problem was to hold a light-weight propane torch for hands-free use. The solution was just to bend up some heavy gauge galvanized wire to hold the torch, and to hold the wire in a vise.

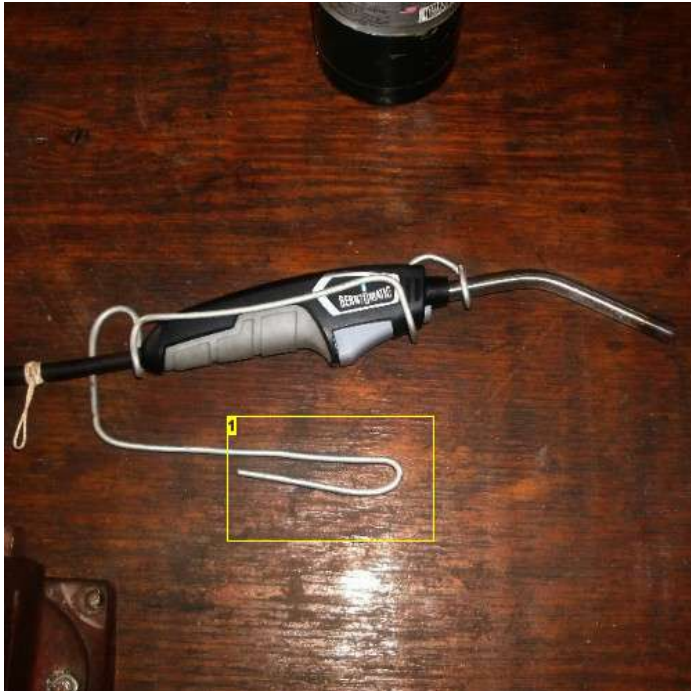




### step 1: Analyze the Torch's Shape

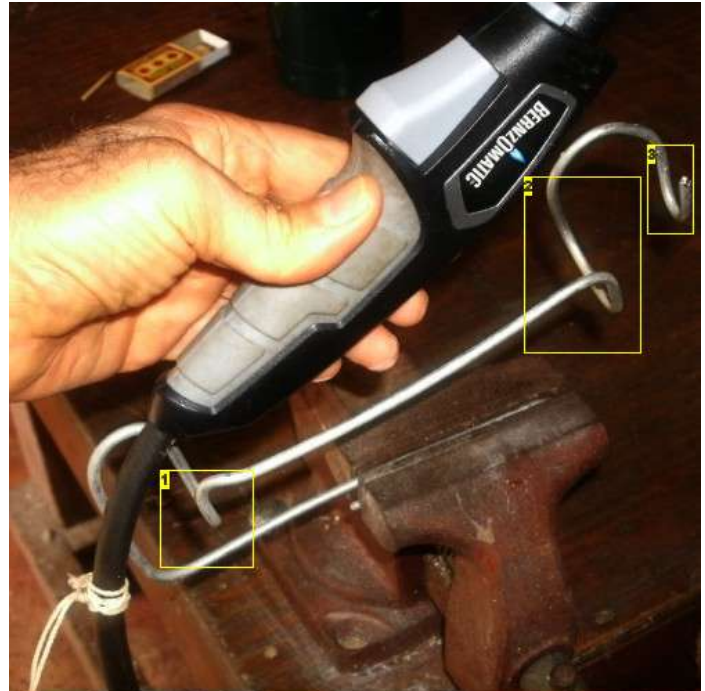
Torches from different manufacturers will undoubtedly have different shapes. You want to keep the torch from sliding up or down in the cradle, and to keep it from twisting. I wanted my torch aiming up, but you may want it in another position.

Look for parallel flat sides on the torch that can be used to prevent twisting, or other irregularities the torch may have to lock onto.



#### Image Notes

1. This part of the wire is held in the vise.



#### Image Notes

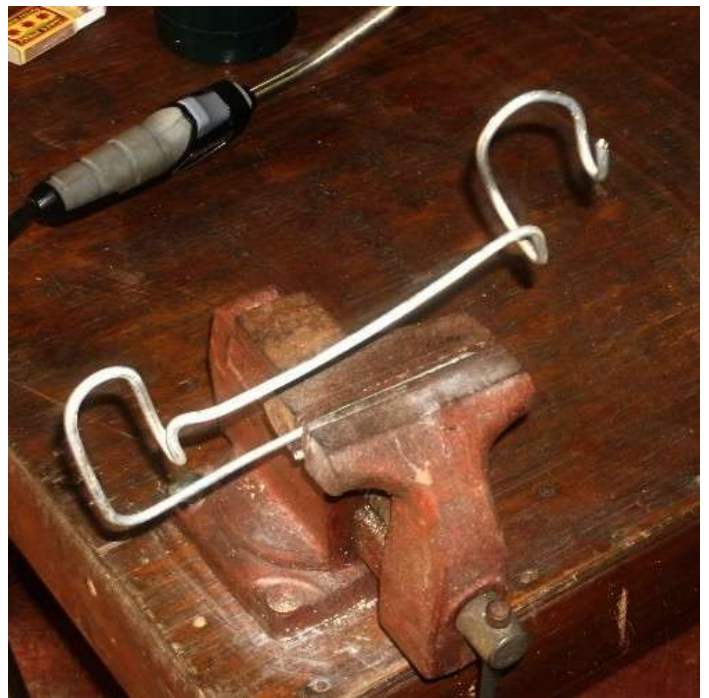
1. The electrical cord falls here. The torch body butts up against the wire. The body can't slide down. Then, the rest of the torch body drops down into the cradle.
2. The wire here grabs the flat sides of the torch, keeping it from twisting.
3. The torch nozzle rests here. The body can't slide up.

### step 2: The Bare Wire

Here are some pictures of the bare wire, without the torch, and the pliers I used for bending the wire.







## Related Instructables



**Make a carbon arc torch for your 220 volt stick welder** by Phil B



**MonoCarbon arc torch** by rimar2000



**How to make a DIY Glue Gun LED Torch** by ATG



**Eclipse Torch 1W.** by dimmeys\_jeff



**Make a Solar Powered Torch out of old Garden Lights** by adrunkguy



**Multi-function Walking Stick III - Torch Bearer** by hpstoutharrow

