

# Home Made Vokes Tubular Air Filter Pad

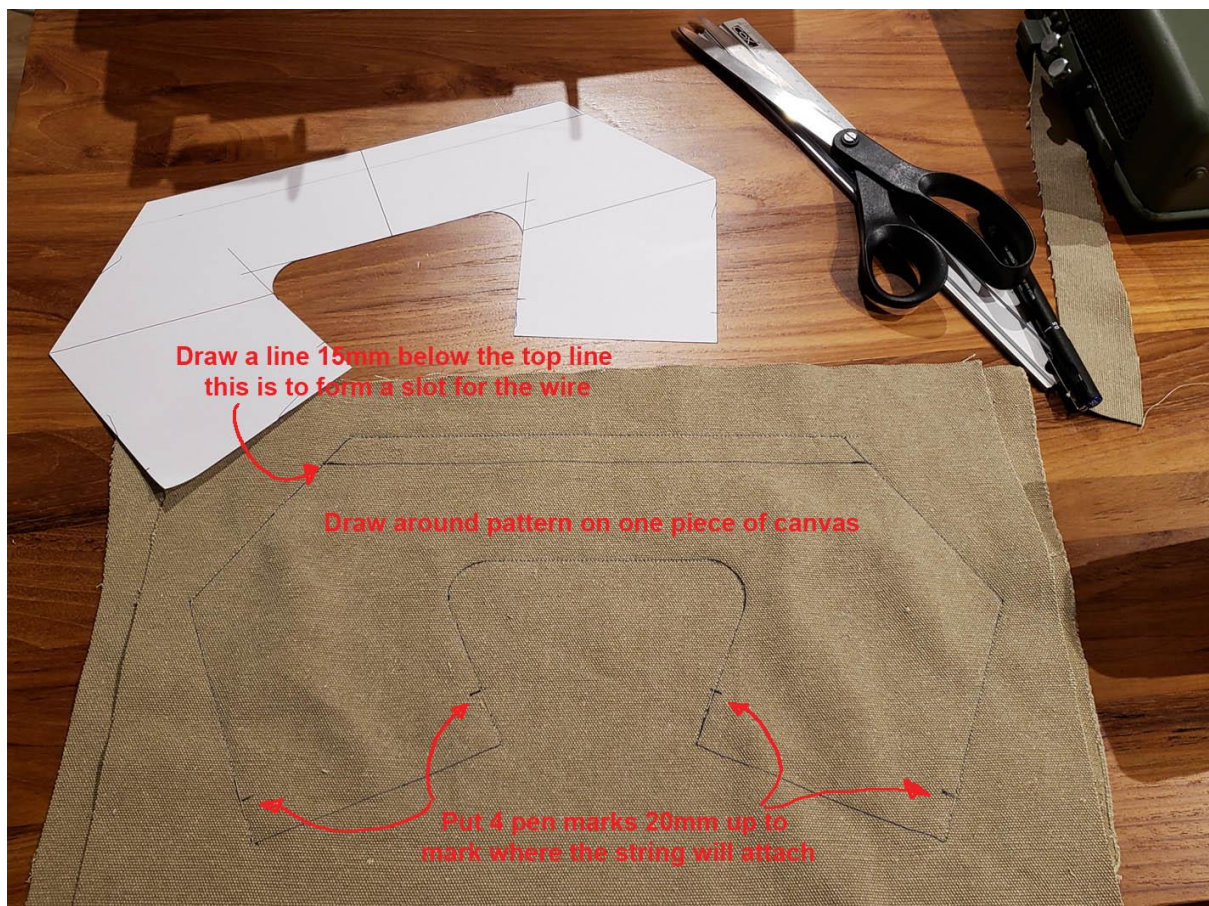
By

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This is the process I have worked out for making your own Vokes tubular air filter pad. This was done with left over materials I had from making my own panniers and tank protector that circles the gas cap. The only items I needed to purchase was sisal string and cotton balls.

## Step 1

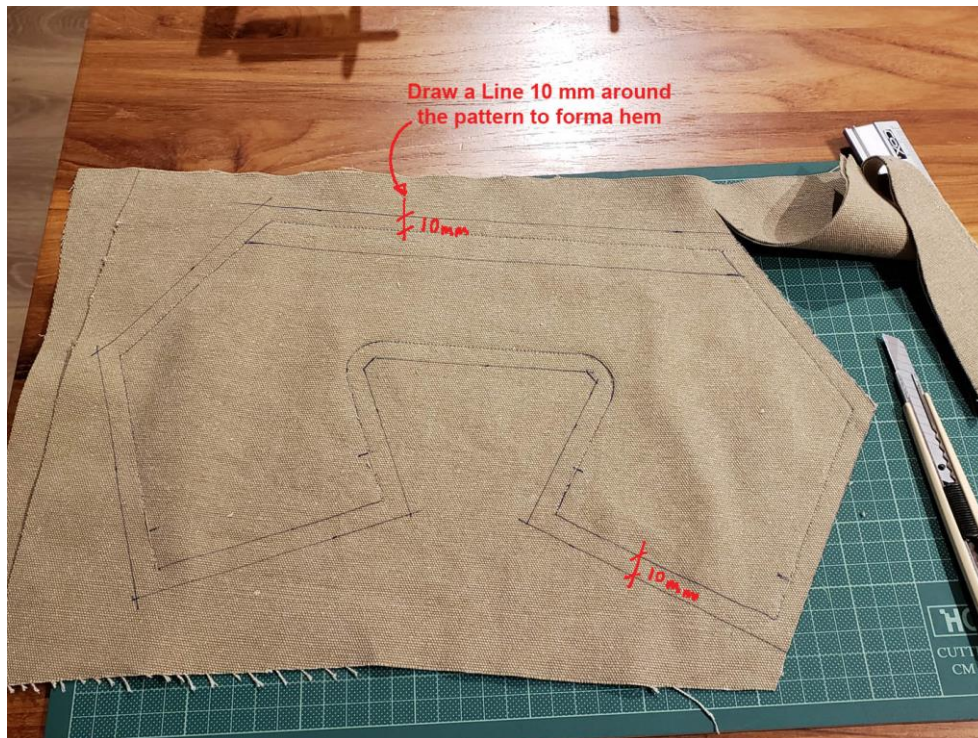
First I drew up a template in Illustrator and made a print out on A3 paper, I will include the template at the end so you can print it out and cut around. Draw around the template on a piece of canvas, then draw a line parallel 10mm down from the top edge, this will later form the tube to slot the wire through to attach to the filter. I then marked out where my string will protrude from either side of the two flaps. I used a thin felt pen for all my marking as this will be turned inside out later so the marks will not show.





## Step 2

Draw a hem line 10mm around your pattern line.



## Step 3

Pin together two pieces of canvas and sew along the template lines indicated in red, you will need to leave 4 small gaps large enough to feed through lengths on sisal string at a later stage. You can then cut around the hem line.





#### Step 4

Your Pad should now look something like this and you can start to turn it inside out.



#### Step 5

After turning the pad inside out you can now Iron it flat.





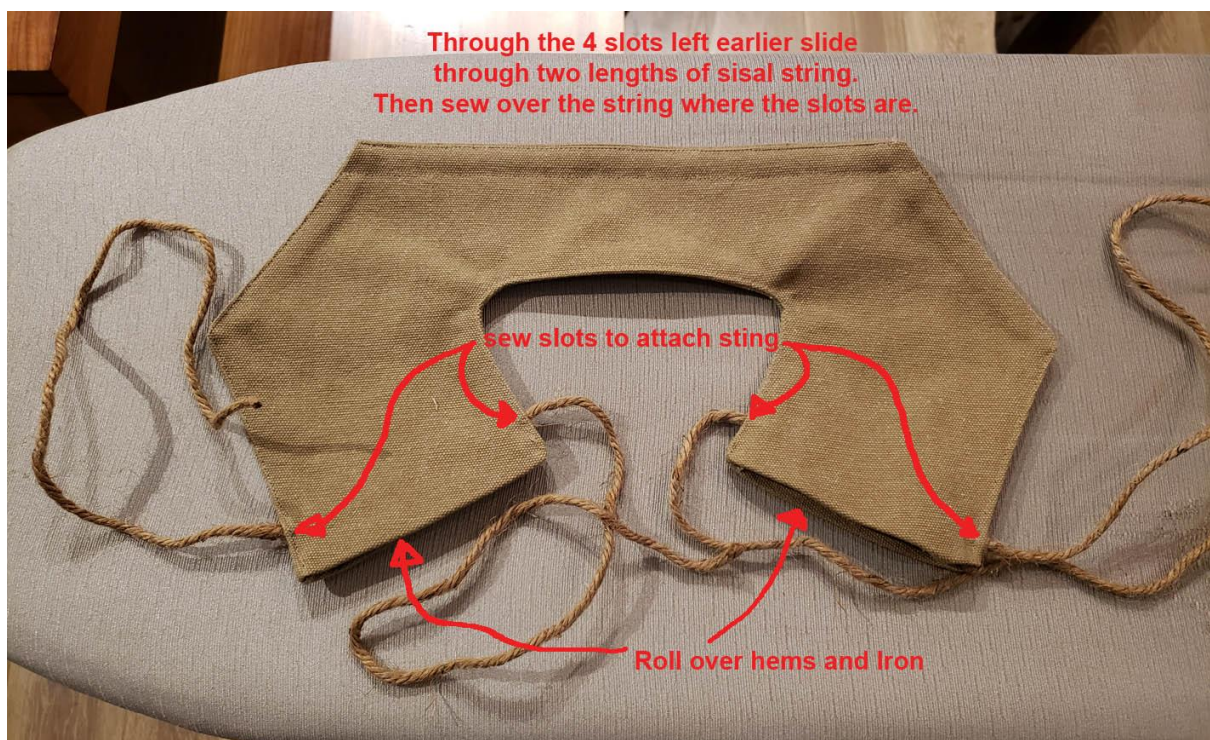
### Step 6

Fold your 10mm top hem inwards and iron the hem flat. Carefully sew as close to the top edge as possible and then a parallel seam 10mm down from the top edge your tube to slide through the wire later is now complete.



### Step 7

You can now thread 2 lengths of sisal string one on each flap through the slots left previously on step 3, after they are inserted and enough length is left for you to fasten around the petrol tank mounting bolts you can sew close to the edge joining the string to the pad. Please make sure you allow more string than needed, you can always cut off the excess later but cannot attach a new piece. Roll in the bottom 10mm hems on the last two openings and iron flat ready for stitching closed.





### Step 8

Now raid your wife's makeup drawer and grab a bag of cotton balls as stuffing for your bag. Stuff the balls in both open ends and use a pencil to push and compact them in and around all the corners



### Step 9

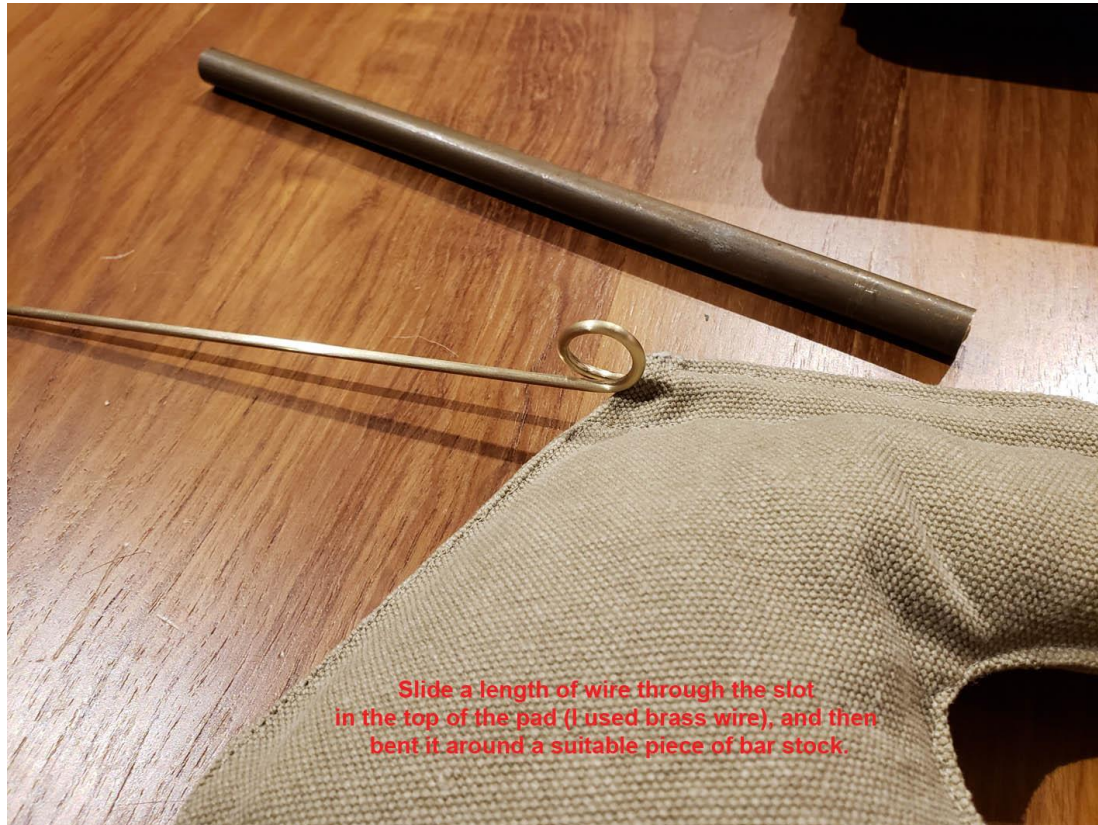
Close to the edge sew across the two last openings sealing in the cotton balls.





### Step 10

Slide a length of wire the correct diameter to fit into the perforated sides of the airfilter through the slot that you have created on the pad. I used brass wire as it matched the brass levers and petrol cap wing nut. Using a round piece of brass stock I bent the rod around forming a loop.



### Step 11

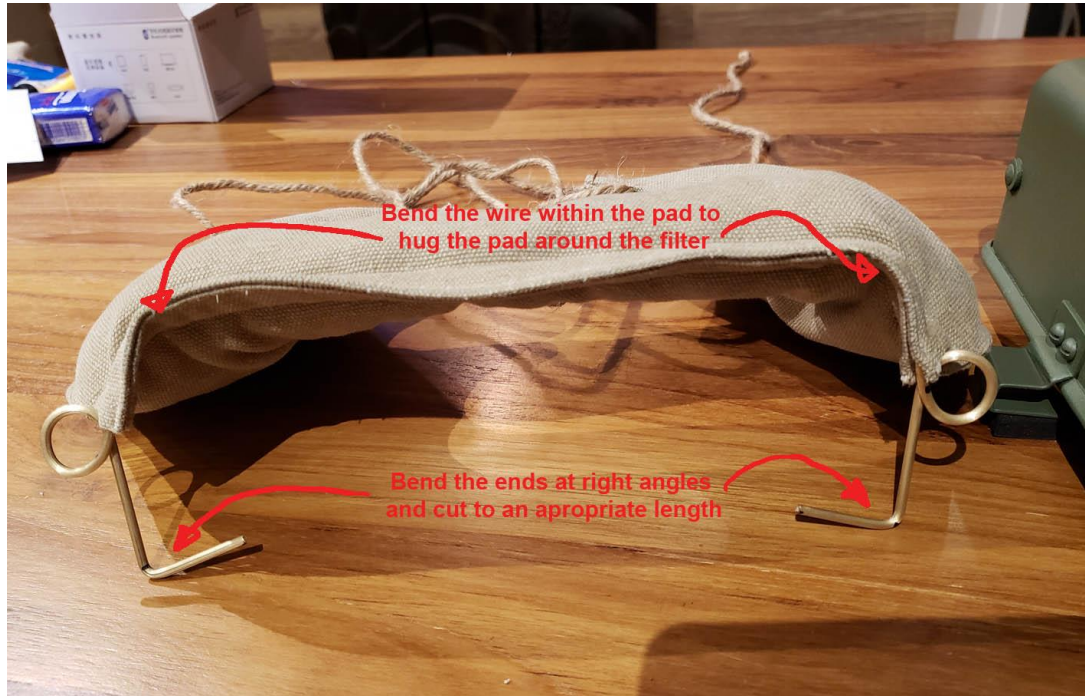
This was done on both ends.





## Step 12

Marrying up the pad to the air filter I then bent the wire around the filter on either side making a snug fit. Then the ends of wire were bent at right angles and cut to length so they would slot into holes on the perforated sides of the filter.



## Step 13



#### Step 14

That's it your testicles are now protected from any hard braking ensuring that your bike can be left in your will to any future offspring.

