

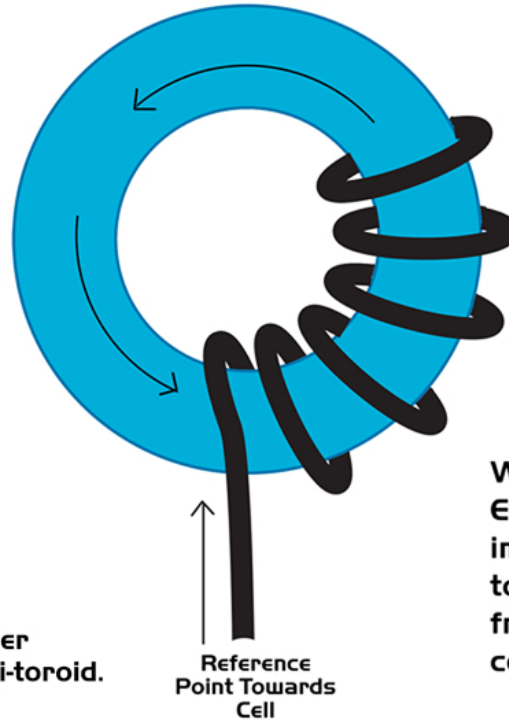
# How to Wire the Toroid Chokes

(For northern hemisphere people, southern hemi reverse the direction.  
Down under people, plum out of luck. The poles may shift  
in Dec. 2012 , , so check back for updates. lol

## 52 metal mix for - ( negative) blue/aqua green toroids

MicroMetals  
T-157-52

Lead in wire has to be centered into the choke center and out the same wrap as even as possible. Straight in and straight out. Wrap as many wires wraps as will allow in the center. The more wraps the better Also only use silver coated copper teflon coated mil spec. wire. Stranded copper wire #10 or #12 for the anti-toroid. below.



Counter  
Clockwise  
Wind Up

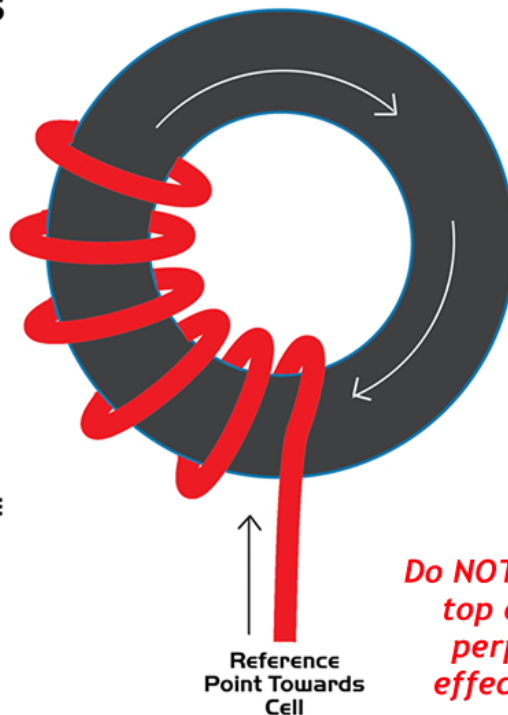
Wrap evenly and no over lapping. Even spacing of each wrap is very important. Do not stack wire on top of each other. The shorter from thr PWM to the HHO cell the better. they work.

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## 45 metal mix for + ( positive) black toroids

MicroMetals  
T-157-45

Stranded copper wire #10 or #12 for the anti-toroid. Positive RF choke. Wire size must match and the same amount of wraps.



Clockwise  
Wind  
Up

Increases gas output from 10% to 25%+ with a HG PWM Also called RF Chokes, for they also stop the pulsing from entering the car's electric system. Can add one more positive choke on the battery + wire, if a problem of pulsing occurs on the car's stereo.

Clockwise  
Wind  
Up

*Do NOT stack the center of the toroids on top of each other, move them apart or perpendicular to each other. As it can effect the outer invisible toroidal field.*