

# Making a Greddy E-Manage Support Tool Cable V1.1

By Sideout909 2/9/06

Updated 3/17/06

First I'd like to say that I will not make these cables for anyone. I made this write up so people don't have to spend an arm and a leg on a cable plus they can have a USB cable without an adapter. I personally wanted to find out what everyone was trying to keep secret so I set out to find out how the Greddy cable works. After thinking that Greddy just made a simple TTL to RS232 converter I used an extra cable I had lying around to see if my theory was correct. Turns out it was as simple as I thought. Just for everyone's info I'm a 17 year old kid that's been hacking Honda's since I was 14. Now to the write up!

Items needed:

Nokia-DKU 5 USB cable ([driver](#))

Generic USB Cable

Wire strippers

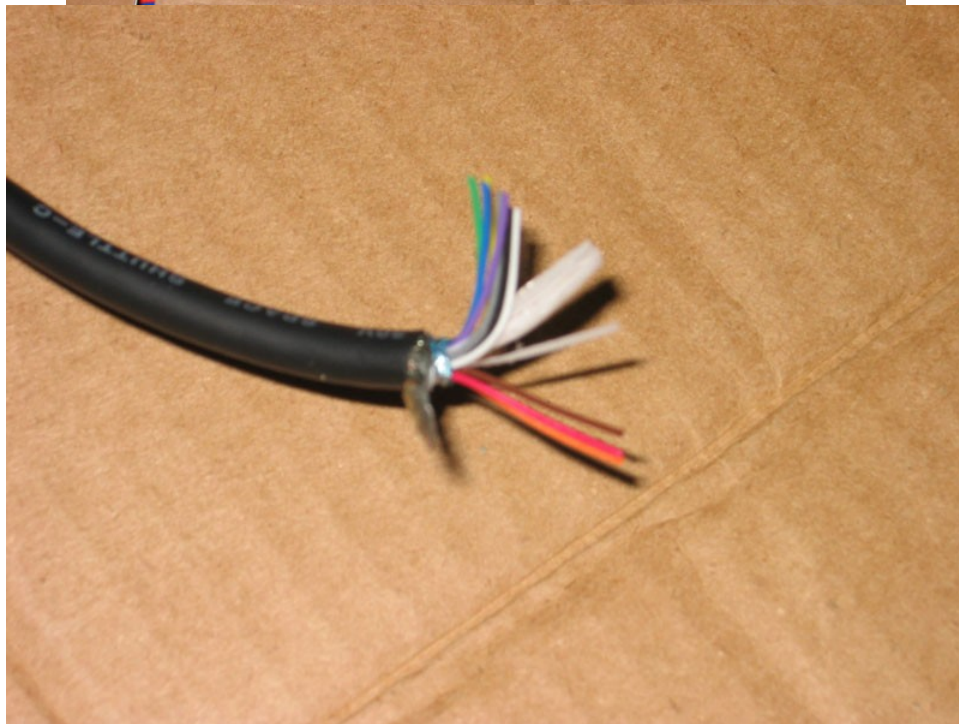
Soldering iron and solder

Heat Shrink

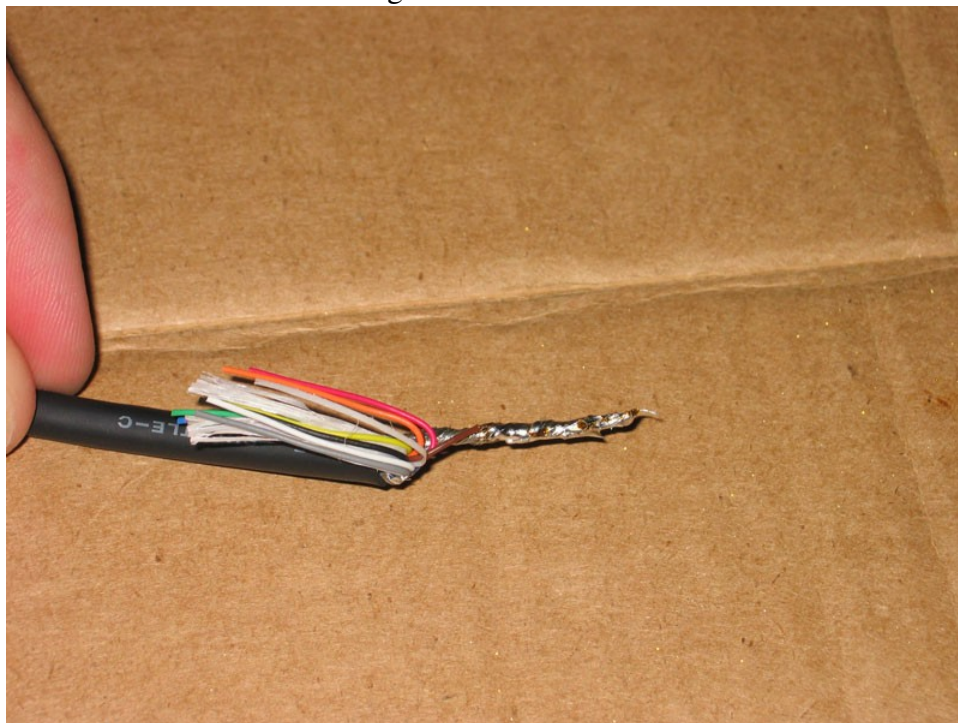
First thing you need to do is get down to all of the wires inside the cables  
(some copied from [www.ecucontrol.com](http://www.ecucontrol.com))

Once you have that cable you will need to cut off the cell adapter part on the end. Then you will strip the cable to expose the wires. Strip off about 1 inch.

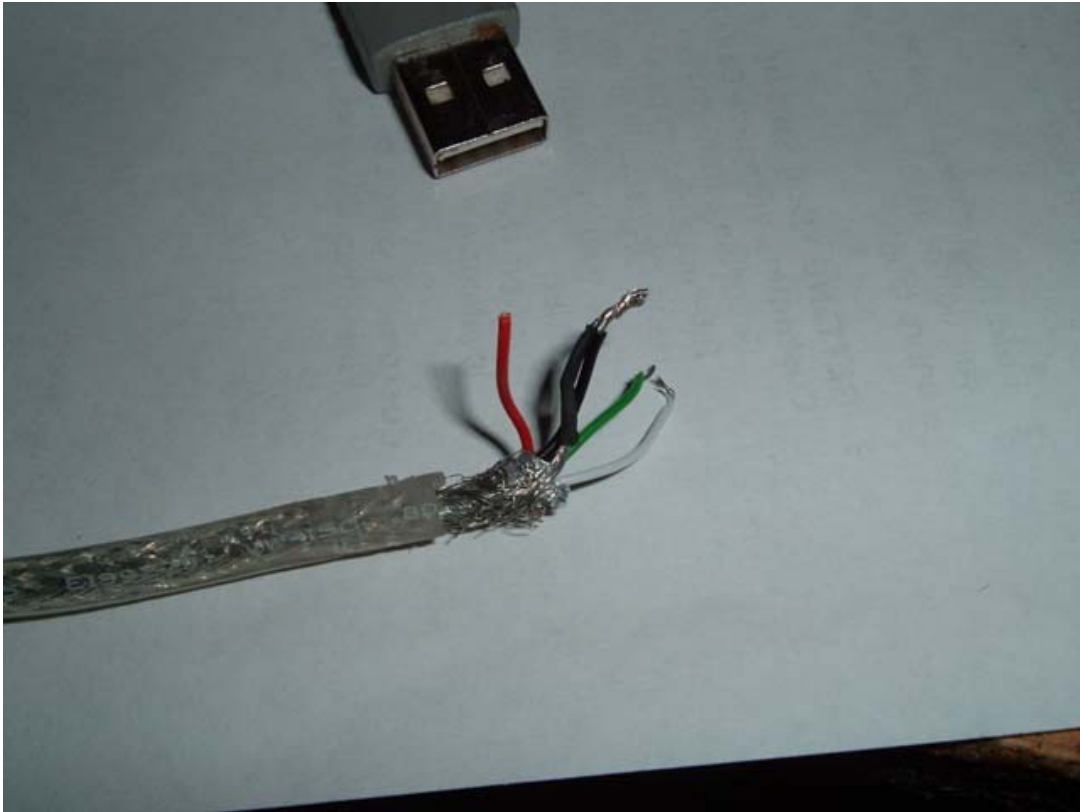
Once you stripped the shielding you will see the shield conductor (silver wires in a woven pattern shielding the other wires). Twist this shielding to make it into a single wire. There will be some type of aluminum foil surround all the wires now, remove this foil.



Next you will strip the brown wire and solder it to the shielding conductor that you twisted into a single wire. It should look like this.



Next do the same to USB cable by twisting and soldering the Black wire and the shielding together



The next step is to connect the wires together. The wire colors may be different depending what cables you use. For me I needed to do the following:

Orange from Nokia cable to White on USB cable  
Red from Nokia cable to Green on USB cable  
Shield/Brown on Nokia cable to Shield/Black on USB cable

Make sure you solder and heat shrink ALL of your connections.

When you finished test the cable by connecting it from your E-Manage to your laptop and verify it is working properly. You will probably have to change the software's com port to COM3.

Your finished cable should look like this:



**HAPPY TUNING!!!**