HOW THE SPEED WIZARD WAS BORN

I bought my truck, 2003 F250 SD SC 5.4L Gas not long after I graduated college. I loved this truck and knew I would want to modify it down the road.

One of the first items I purchased for the truck was a programmer. I purchased a programmer that plugged into the OBDII port and modified the timing, speed limiter and shift pressure of the truck so that it had a performance gain.

I knew I would want a lift later on and so I made sure the programmer said it would handle larger tire size and make everything on the truck calibrate to the installed tire size. The programmer did state it would handle larger tires, so I was not worried about anything at first.

About 2 years went by and a bunch of modifications later I had a lifted truck 6" super lift all spring, 37x12.5R17 tires on 17x10 polished aluminum wheels.

The truck looked amazing, now to get that speed to read right. I tried many times to get the speed to read correctly using the programmer and it just would not work. After many phone calls and emails to the manufacture of the programmer – they realized they made a mistake on the packaging, and for the super duty trucks they did not want to say they could adjust the speedometer speed because the programmer would not handle the change.

So now I had a programmer that did not do what I wanted.

I was researching different ways I could make my speedometer read correctly. I found a few possible solutions, the more popular ones having DIP switches or turn screws for adjusting. Both of these products are fine, but I wanted to design something for my truck that would be even better.

I didn't want to bother with switches, or turn screws. I asked my boss if it was ok if I used some parts we had at work to make one for my truck, he said yes and so I did.

After I had it tweaked on the bench for my truck (I hard coded the correction factor into the first one I made). We went for a ride with his GPS and it

came out within .2 MPH to the GPS. I thought that was pretty good especially for a first attempt in the truck, and it worked great.

I did this using a breadboard, and in early 06 I went to NC to the outer banks with this breadboard tapped into my truck. I had no issues with the device and I wanted to offer it to the public as a new addition to an industry that needed a change.

The first one I made had no adjustments, my boss and I discussed it and we decided to add the ability to adjust how much higher you want the speed to read by using the speedometer as an interface (This is the only type that does this) and use two buttons to adjust the new value (this is the only type that is as simple as two buttons). There are charts supplied with the others that are difficult to read and do not always come out right. With the speed wizard the calculation can be made and the device can easily be set within 2 minutes.

Since the device is programmed, custom programs to tailor the users needs are available for a small fee. Custom programs can be those to accommodate smaller tires or very large tires > 44", or anything else the user may want to do. The point is however, just about anything can be done when dealing with a custom program.