

See the original post at:

http://barefoot-forum.com/barefootforum/forum_posts.asp?TID=1042&PID=12023#12023

Topic title: NL2 GPS speedometer conversion system by Nautic Laugic

Recently, I learned about the Nautic Laugic GPS speedometer conversion systems. For those who haven't heard, it's a device that converts your analog pick-up (pitot) or paddlewheel based speedometer into a GPS based system. It is a small device that inserts between the speedometer computer and the speedometer gage. To it, attaches a GPS receiver (I chose the Garmin 5 Hz). The NL systems use the computer's power to operate it's circuitry and supply power to the gages (ex. Navigation lights) but uses the speed data from the GPS receiver instead of the data from the speedometer computer module (sent by the pick-ups(pitots) or paddlewheel).

Since the manufacturer, offers a 30-day money back guarantee for whatever your reason, I thought I would order an NL2 system (pick-up(pitot) replacement model) and give it a try. I received the system within a week (I live in Canada).

The installation was very easy; it took me under 30 minutes. In my case, the only tools and materials I needed were some cable ties, double sided tape and a pair of cutters. Once installed, the NL2 then needs to be calibrated to your speedometer gage's scale (10-60 MPH in my case). The calibration is simple and takes under 5 minutes. You simply turn the ignition to "ON" position, then the gage will slowly increase its speed. You then short the 2 temporary wires, that are already installed when you receive the system, when the reading on the gage reaches 11, 15, 20, 25, 30, 35, 40, 45, 50, 55MPH (in my case since I have a 10-60MPH gage). Once the calibration is done, you remove the temporary calibration wires and plug-in your GPS receiver. And that's it!

When you power-up your engine, you can see when the GPS has synced by turning on your navigation lights. Your gage will flash until it is synced. In my case, it takes under 15 seconds to sync up, which is less time than to tighten the rope for the next pull anyways.

When comparing with my hand held GPS, the speed readings are dead-on at all speeds. My speedometer actually reacts quicker than my hand held GPS since it refreshes 5 times per second vs only once for my hand held GPS. I also connected my rear speedometer and it is dead on as well.

Before I installed the NL2 system, I would never use my analog gage as I could never calibrate it to perfection at all speeds. For me, it was as though it didn't exist. I only referred to my digital Perfect Pass (paddlewheel) reading which wasn't perfect but better. Now, I rely on my analog gage. It is so precise, that I was able to tell my buddy the speed on the hand held GPS by looking at my analog speedometer gage with a +/- 0.2MPH precision.

I am very impressed by the system. This is probably the best upgrade I have done to my boat.

For all those 2006 and up Malibu owners who have the Malibu cruise, that works great but is impossible to calibrate at all ranges of speed, this product is definitely for you (NL4-paddlewheel

version). When I had my 2006 Response, just the gas I spent trying to calibrate the Malibu cruise to be accurate at all speeds would have probably paid for an NL system...

If you want more information on the Nautic Laugic products, you can visit their site at <http://www.nauticlaugic.com> . If you want more information on my personal installation (2008 Sanger DXII with rear facing speedometer) or on the NL2 calibration process, do not hesitate to PM me and I will gladly send your more info (pictures, connection details, video, etc...).