Here’s what came in the box.

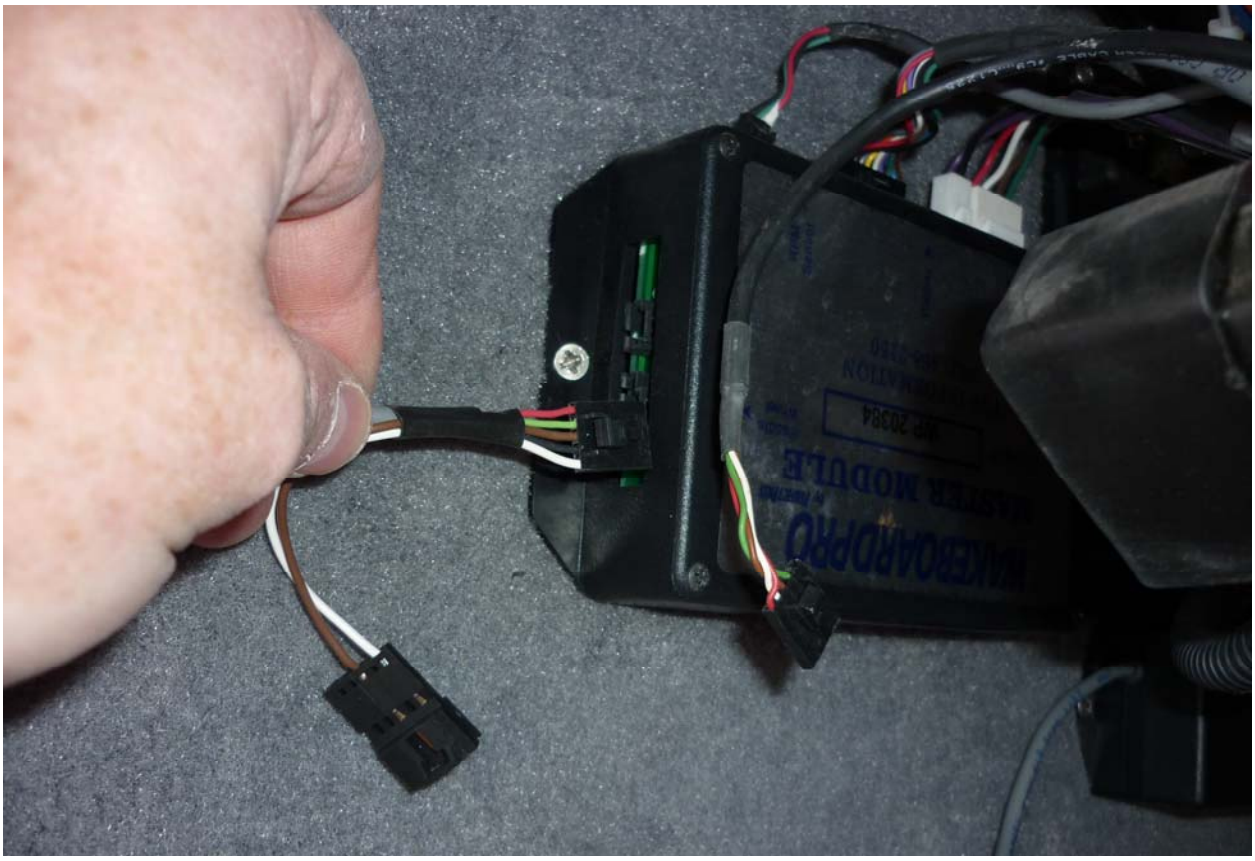
Here are the tools I used for the installation. I unscrewed a screw from the PerfectPass box to see what size to use. I didn’t want to get something to long that would screw through the wall. I got Stainless Steel #8 1” screws.

Here is the PerfectPass module under the dash.

I decided to mount the NL4-PP module here to keep it close to the Perfect-Pass module since the cable from the NL4-PP is not that long.

While I was holding the NL4-PP module I marked where to pre-drill the holes. Make sure not to drill any further than the screws or you might go through the wall.

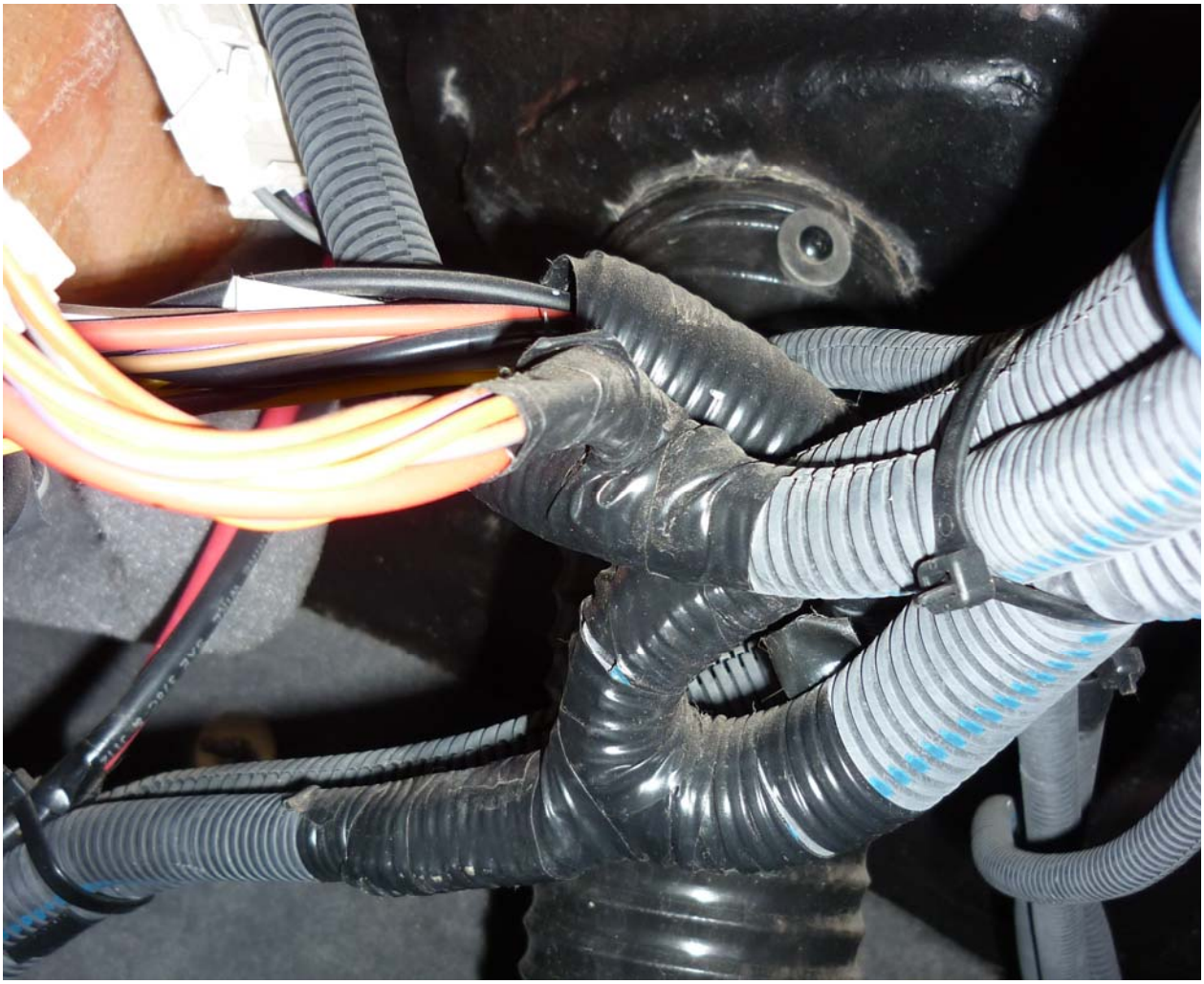
I then screwed it in place.



Then unplug the paddle wheel cable and plug in the NL4-PP module.

If your PerfectPass and paddle wheel support water temperature plug the paddle wheel cable into the NL4-PP plug. I plugged it in just to keep it out of the way.

Then for those neat freaks we zip tie the cables out of the way.



Now for running the GPS cable. I chose to use the intake tube that’s just to the right of where I mounted the NL4-PP module.

After unscrewing the intake tube I then ran the GPS cable from the outside in.

For simple installation mount the GPS right here. Later I'll show you a little more difficult install that I did to protect the GPS and make it less obtrusive.

I only removed one screw from the intake tube, just enough to get the GPS cable through.

I already had a hole in my tube to run the GPS cable through. Otherwise cut a small slit in the tube. Then wrap some duct tape around the tube to cover and keep the slit from ripping.

Plug the GPS cable into the NL4-PP module. The flat part of the PS2 plug should be facing you.

Zip tie the excess GPS cable out of the way and your done. To see the more complicated GPS install read on.

I know the GPS is weather proof but I wanted to protect it a little more and keep it from getting bumped. I removed the windshield and the intake cover so I could place the GPS on the inside and underneath the windshield.

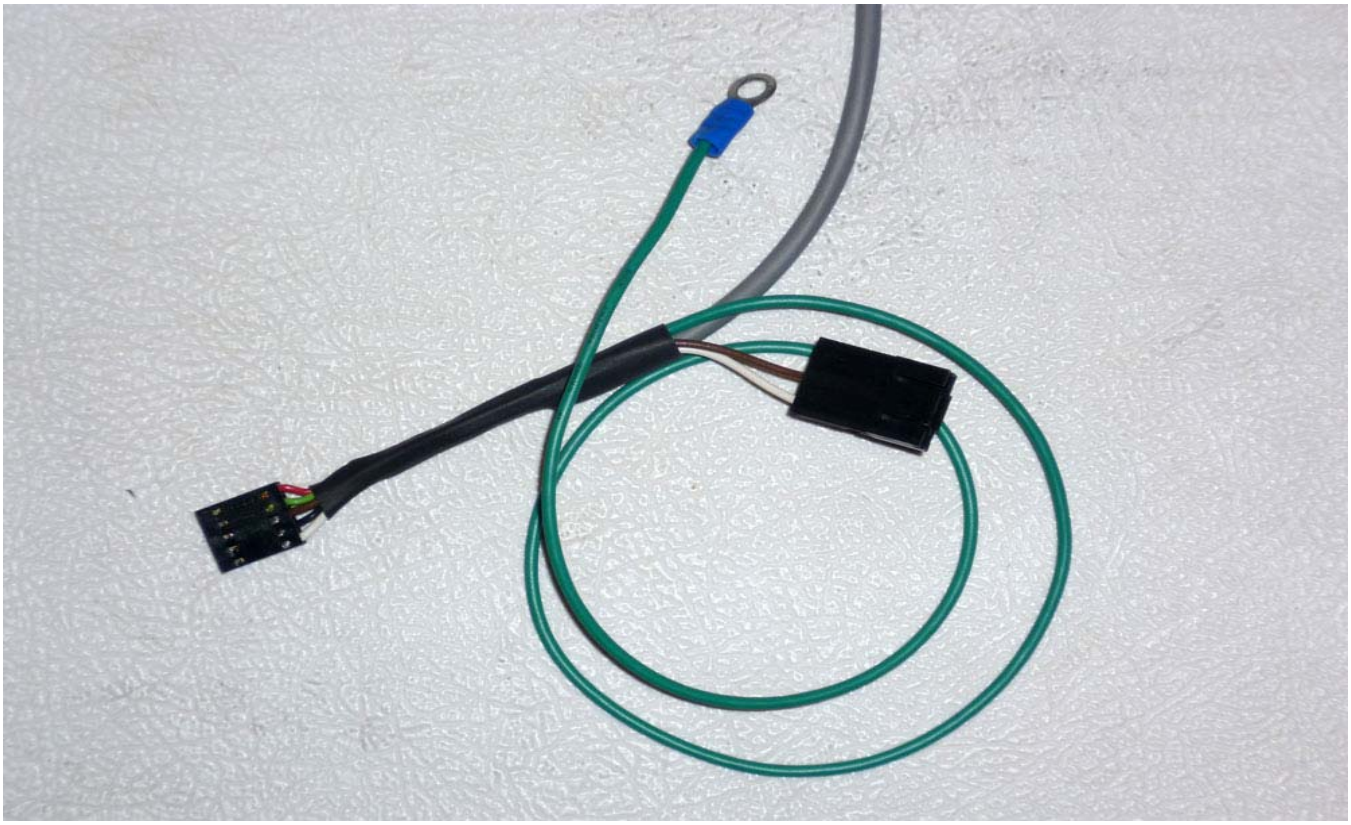
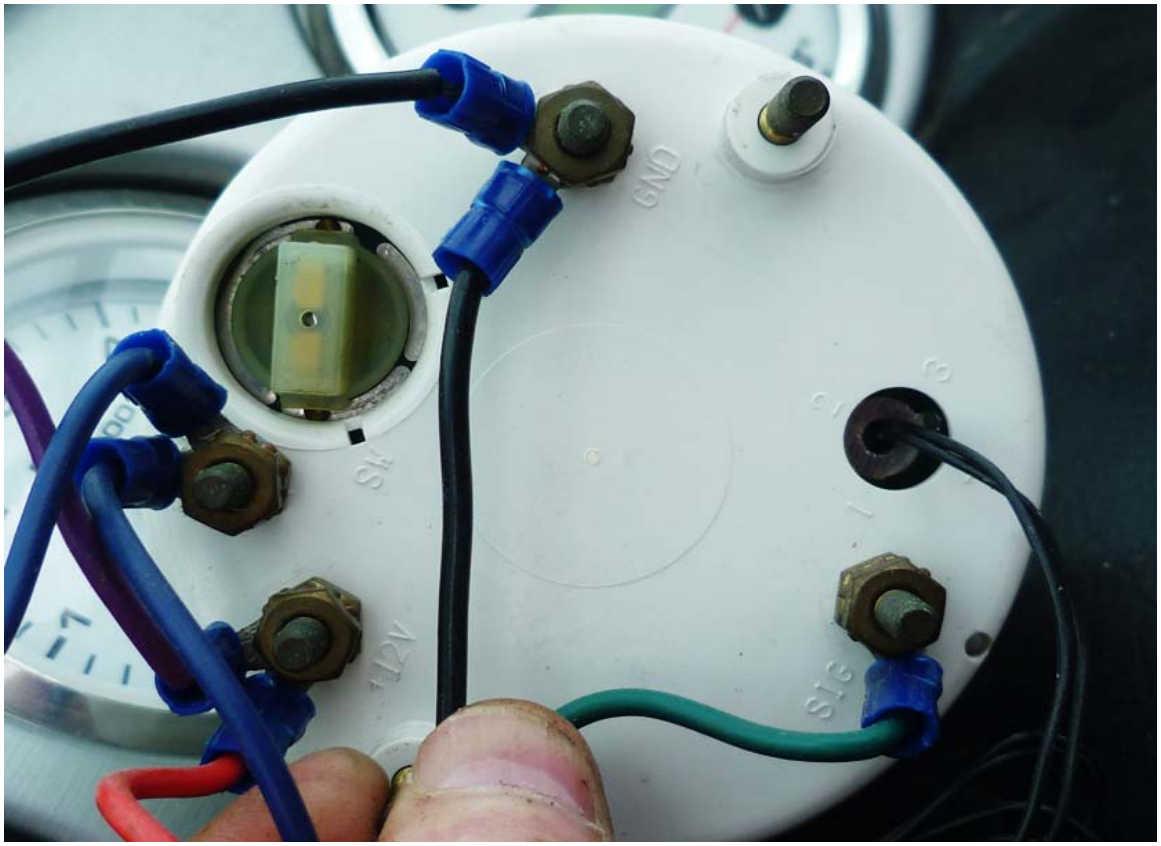
I then used a dremel and ground about a 1.5” grove for the GPS cable. Just grind deep enough for the cable to fit into, be careful not to grind through to the other side.

Make a little nick for the cable to wrap around to go on top.

Mount the GPS on the top with the included Velcro patches. Tape the GPS cable in place on the underside with some duct tape, keeping the cable snuggly wrapped around the nick you made in the cover.

Here is the underside view after reinstalling the cover plate.

Here it is all done. I just powered it on and you can see the red light is on, indicating that it’s tracking the satellites. Shortly after that it started blinking showing that it had a lock. Having it in this position compared to on the other side of the windshield, I can clearly see the LED.



For those interested I also spliced in a wire to connect it to my speedometer. So now I have an accurate GPS speedometer. I just disconnected the green signal wire that was on the speedometer and connected the new run from the NL4.