GPS SPEEDOMETER INTERFACE

IMPORTANT

WEAR SAFETY GLASSES
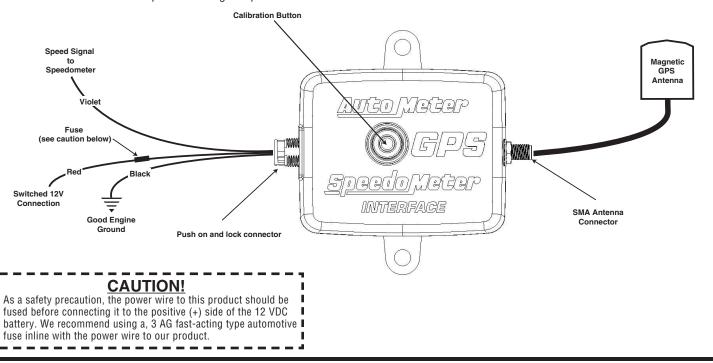
2650-1570-00 Rev.A

Installation

1. The interface module should be mounted away from high heat sources (like under the hood). It is highly water-resistant, though it should not be submerged.
2. Connect the GPS antenna to the interface module by screwing the SMA connector on the antenna cable (see illustration below) to the connector on the side of the module. The GPS antenna can be placed inside or outside of the vehicle as long as it has a clear view of the sky. The antenna is waterproof and can be painted if desired.
3. Connect the black wire to a suitable chassis or engine ground and the red wire to switched +12V.
4. Connect the violet wire to the speedometer signal input.

Calibration Button

Speed Signal to Speedometer

Violet

Fuse (see caution below)

Red

Black

Switched 12V Connection

Good Engine Ground

Push on and lock connector

Magnetic GPS Antenna

SMA Antenna Connector

CAUTION!

As a safety precaution, the power wire to this product should be fused before connecting it to the positive (+) side of the 12 VDC battery. We recommend using a, 3 AG fast-acting type automotive fuse inline with the power wire to our product.

Calibration

* PPM = Pulses Per Mile

The interface module comes from the factory calibrated for a 16,000 PPM* speedometer. Auto Meter electric speedometers also have a 16,000PPM calibration from the factory. If you are using a new Auto Meter electric speedometer, no calibration is necessary.

To calibrate to a different speedometer do the following.

1. With the speedometer connected and powered, press and hold the calibration button on the top of the module. The needle will begin to climb. At first, it will move very slowly but will pick up speed the longer the button is held.
2. Continue to hold the button until the speedometer indicates close to (but not over) 80MPH and release the button.
3. Within 5 seconds tap the button repeatedly to advance the reading until the speedometer indicates exactly 80 MPH. When reached, stop pressing the button and wait for the speedometer to return to 0MPH (this should happen in about 5 seconds). Proper calibration and gauge accuracy are dependent on the needle reaching precisely 80MPH.
4. If you go past 80MPH, stop pressing the button and wait for the speedometer to return to zero, this should happen after about 5 seconds. Steps 1-3 should then be repeated.

The Auto Meter GPS Speedo Interface outputs a 12v square wave that is compatible with every electronic speedometer we tested. While our testing is extensive, there is always a possibility that certain speedometers from other manufacturers may not function properly.

SERVICE

For service send your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

12 MONTH LIMITED WARRANTY

FOR SERVICE SEND TO: **AUTO METER PRODUCTS, INC.** 413 W. Elm St., Sycamore, IL 60178 USA (866) 248-6357

Email us at service@autometer.com