

Thank you for purchasing this instrument from Intellitronix. We value our customers!

INSTALLATION GUIDE
GPS Speedometer Sending Unit
Part Number: S9020



After completing all wiring reconnect battery and power up the unit. Test all gauges before reinstalling dash, bezels, and hardware to prevent having to remove it all for any future troubleshooting.



Always disconnect the battery before attempting any electrical work on your vehicle.

This Unit MUST have a clear view of the sky to function properly!

Note: If your speedometer is set in kilometers, it is mandatory that you calibrate the speedometer to a measured kilometer to display an accurate speed. Follow calibration instructions in the speedometer manual.

If you have previously calibrated an INTELLITRONIX speedometer, you must first do a factory reset by holding in the speedometer program button and turning on power. Hold button in until the 30 second count down expires and gauge displays “fac”.

WIRING INSTRUCTIONS

- **Black**, Wire to the vehicle engine block ground. The engine block should have heavy ground cables connected to the battery, frame, and firewall.
- **Red**, Wire to switched +12V power from the fuse panel or vehicle wiring harness. (Recommended to use at minimum a 3-amp inline fuse). This wire should have power when key-on and starting ignition.

OPERATION

- There are three different Pulses-Per-Mile (PPM) options on the sender specified by specific-colored wires. Choose one of the colored wires below needed for your specific setup and wire to the input signal wire on your speedometer.
- If you have an INTELLITRONIX speedometer, the **White** wire on the GPS unit will connect to the **White** wire on the INTELLITRONIX gauge/dash.

Color	PPM
BLUE	16,000
WHITE	8,000
ORANGE	4,000

- The GPS receiver may take up to two minutes to connect with satellites and display a speed.
- The unit transmits a 12VDC pulse to the speedometer in accordance with the designated PPMs listed above.
 - Green Flashing – Unit is connecting to satellites.
 - Green Steady - Unit is receiving data from satellite and transmitting speed signal.
- Pressing the attached button will display your highest speed for that trip, it will reset after power is off.