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**INSTALLATION GUIDE**

**Programmable GPS Speedometer Sending Unit**

***With High Speed Memory Recall***

**Part Number: S9020**

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

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

*Note: Pushbutton for high speed memory recall not included*

**WIRING INSTRUCTIONS**

**Note: Automotive circuit connectors are the preferred method of connecting wires. However, you may also solder if you wish.**

**Ground - Black** Connect the ground wire directly to the engine block. Be sure to thoroughly clean the contact areas to ensure a good connection.

**Power - Red** Connect to a switched +12V source (such as the ignition circuit).

**Speedometer - White** Connect to the speedometer gauge. If using an Intellitronix gauge, the wire will be white on the gauge.

**Recall - Grey** (Optional) Connect to a pushbutton switch with the other terminal connected to a ground source.

**CONFIGURATION**

There are two *DIP switches* on the circuit board, which allow you to configure the number of pulses per mile that the sending unit will generate. These settings are:

<b>S1</b>	<b>S2</b>	<b>Ppm</b>
OFF	OFF	16,000
ON	OFF	8,000
OFF	ON	16,000
ON	ON	4,000

**Note:** There are two (2) separate settings for 16,000 pulses. Both work correctly.

**Note:** The first time the GPS receiver is turned on it might take up to 15 minutes to detect its location and start communicating with the circuit. There will not be any delay once the unit is wired. The following LED indicators are designed for easy status detection:

**Red** - Power On; **Yellow** - Data Link with Satellite; **Green** – Unit is Receiving Data.

Made in America

Lifetime Guarantee



Technical Support

Monday – Friday  
9am to 5 pm EST

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**This product carries a limited Lifetime Warranty.**

**This warranty is limited to replacement or repair of the unit at the discretion of Intellitronix.**