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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:

S1	S2	Ppm
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.

Learn more about custom gauges on our website.