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### INSTALLATION GUIDE

GM/Universal Speedometer Sending Unit

Part Number: S9013



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.



### WIRING INSTRUCTIONS

**BLACK** – Wire to the engine block ground.

**RED** – Wire to a switched +12V source, such as the ignition circuit.

**WHITE** – Wire to the input signal of the speedometer.

### RECOMMENDATIONS

- Isolate the signal wire from any electrical noise interference by using shielded cable or ferrite tape.
- Run the cable as far away as possible from the ignition system, alternator, spark plugs, wires, and any other power wires for pumps, motors, and blowers.
- We do not recommend solid core spark plug wires as these are known to cause significant electromagnetic interference (EMI).
- Twist the signal and ground wires together to help prevent erratic signals.

