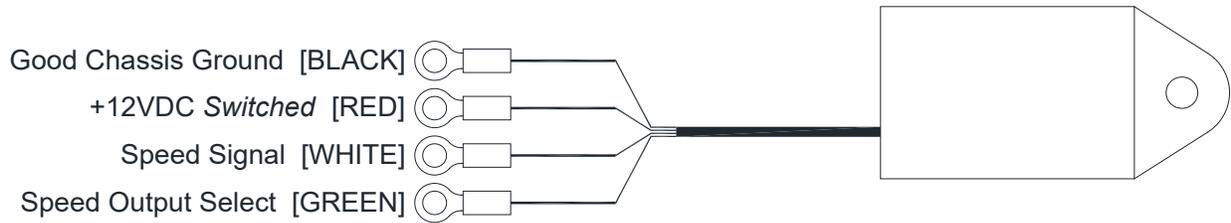


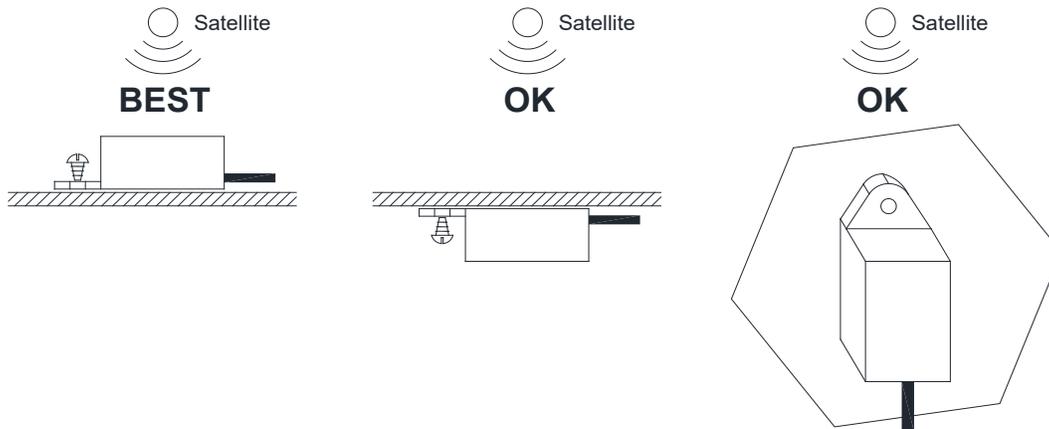
SN81V GPS SPEED SENDER



GPS Speed Sensor Mounting

- The optimum mounting location for the GPS sender is any location inside the car where it will have a clear view of the sky. This will guarantee a good satellite signal and trouble-free speedometer operation.
- In some cases, the GPS sender will still get adequate satellite reception even without a clear view of the Sky. If you are planning on “hiding” the sender somewhere where it doesn’t have a clear view of the sky, we recommend that you thoroughly test it in that location before permanently fixing it in place. Leave the wiring harness long to allow for repositioning in case the GPS sender does not perform well enough and needs to be moved. Once a good location is established, you can then permanently mount the sender.
- The best way to determine if a mounting location is adequate for the GPS sender is to test it for a day. Make sure the speedometer operation is smooth, accurate and uninterrupted.
- Once a suitable mounting location is determined, securely mount the GPS sender using Velcro, double-sided tape or a screw utilizing the mounting tab of the sender. This will help prevent damage to the sender caused by excessive jarring or vibration.

Mounting Examples



GPS Speed Sensor Wiring

- Connect +12VDC *switched* power to the **RED** wire of the harness. The GPS sender requires between 1 and 4 minutes to acquire a good satellite signal upon power-up.
- Connect a good chassis ground to the **BLACK** wire of the harness.
- Connect the signal wire of your speedometer to the **WHITE** wire of the harness.
- The **GREEN** wire of the harness determines the speed signal output on the WHITE wire:
 - For an 8000ppm signal, connect the GREEN wire to the harness BLACK wire (ground).
 - For a 16000ppm signal, connect the GREEN wire to the harness RED wire (+12VDC).

□ *A 16000ppm signal is recommend for most Classic Instruments speedometers.*