

GPS Speedometer Adapter

If this GPS Speedometer Adapter is being used with a GlowShift Speedometer, be sure that the adjustment on the back of the Speedometer is set to #3 as the Speedometer will need to be set here to accept the appropriate signal from the GPS Speedometer Adapter.

1. Disconnect the negative battery cable from the vehicle's battery.
2. Locate an unobstructed area to mount the antenna. This can be either on the inside or outside of the vehicle as long as it has a clear line of sight to the sky. Clean and prep the area using alcohol prep pads and adhere the antenna to the mounting location.
3. Route the antenna wire carefully and secure to the controller.
 - **Important:** Do not bend or pinch the antenna wire. If you have excess, loop with soft bends and secure with zip ties.
4. Mount the controller in a safe and dry location.
5. To make the wiring of your gauges easier, you can purchase an expandable circuit. This component easily fits into the fuse panel and provides an additional fused power wire for accessories. The expandable circuit is available for purchase at www.GlowShift.com.
6. Using automotive grade wiring (18 gauge); connect the **black wire** to any good (unpainted) ground connection. You may also route the wire directly to the negative side of the vehicle's battery.
7. Using automotive grade wiring (18 gauge); connect the **red wire** to a positive 12 volt **ignition (switched)** source. It may be connected to the fuse panel, an accessory wire, or any positive 12 volt source that turns on and off with the ignition.
 - **Optional Installation:** Connect the **red wire** to a positive 12 volt **constant (un-switched)** source either on the vehicle or in the fuse box. This allows the controller to keep a signal and it will not have to acquire a signal at startup. There is a much higher power draw and the battery may become weak if the vehicle sits for an extended period of time.
8. Connect the **green wire** to the green signal wire of the speedometer gauge.
9. Reconnect the battery and test the operation.
10. When power is first connected to the controller, the LED light on the controller will flash red until a signal is acquired. It can take up to 5 minutes to acquire a signal. Once a signal is acquired, the LED will turn green and the speedometer will be able to read.
11. Once you power the vehicle down and turn it back on, it will take about 30 seconds to require the signal. (**Note:** If connected to constant (un-switched) power source, the signal will not be lost when you turn the vehicle off.)
12. If you find that you lose the signal and have a good power connection, make sure that there are no pinches in the antenna wire and you are free from obstructions. (**Note:** Enclosed areas such as garages and tunnels will obstruct the signal and you may not be able to acquire a signal.)

