

# VentureGPS™ INSTALLATION GUIDE



## STEP 1: Mount the Antenna

The antenna is a dual GPS/GSM unit. The GPS antenna is in the black plastic case, which must point directly upward with an unobstructed view of the sky for best results. The GSM antenna is in the black sleeve near the GPS antenna; do not run the wire in a way which will leave this area completely enclosed by metal. (i.e. under the hood or inside a fenderwell).

**WARNING:** The two small antenna cables should never be pinched or kinked. A bad kink or pinch in these cables can prevent the vehicle unit from finding the GPS signal or reporting its position.

### ROOF MOUNTING

1. Place the antenna on the roof of the vehicle for best satellite reception.
2. Route the cords underneath the passenger side door seal and down the door jamb.
3. Route the cords under the dash to the future mounting position for the VEHICLE UNIT.

### HOOD MOUNTING

1. Place the antenna on the hood or the metal filler panel between the windshield and hood.
2. Route the cords into the engine compartment and through an existing cable hole in the firewall.
3. Route the cords under the dash to the future mounting position for the VEHICLE UNIT.

## STEP 2: Mount the Vehicle Unit

1. Mount the vehicle unit in a suitable place under the dash using the provided fasteners or zip ties.
2. Screw the antenna leads to the Unit.

## STEP 3: Wire the Vehicle

### ACCESS YOUR VEHICLE'S IGNITION HARNESS

Use a 12 volt test light or volt meter to find 12 volt CONSTANT power source.

### PREPARE THE HARNESS

1. Connect one fuse holder to the RED wire with a splice connector.
2. Connect the ground ring to the BLACK wire.

## VEHICLES WITH LARGE WIRES

1. For 10 gauge or larger wires, connect a scotch lock to the power source wire that you found in the vehicle's harness.
2. Slide the unstripped fuse end into the open hole in the scotch lock and crimp the metal down with a large pair of pliers.
3. Fold over the plastic cover on the scotch lock and the connection is completed.
4. Ground the GPS wiring harness to the firewall or suitable metal grounding source with the self tapping screw and ring connector provided.

## VEHICLES WITH SMALL WIRES

1. Connect a T-Tap to the power source wire that you found in the vehicle's harness.
2. Attach a male spade connector to the fuse of the RED wire.
3. Connect the RED wire to the constant battery source.
4. Connect the BLACK wire to the firewall with the self tapping screw or connect it to an existing ground wire.

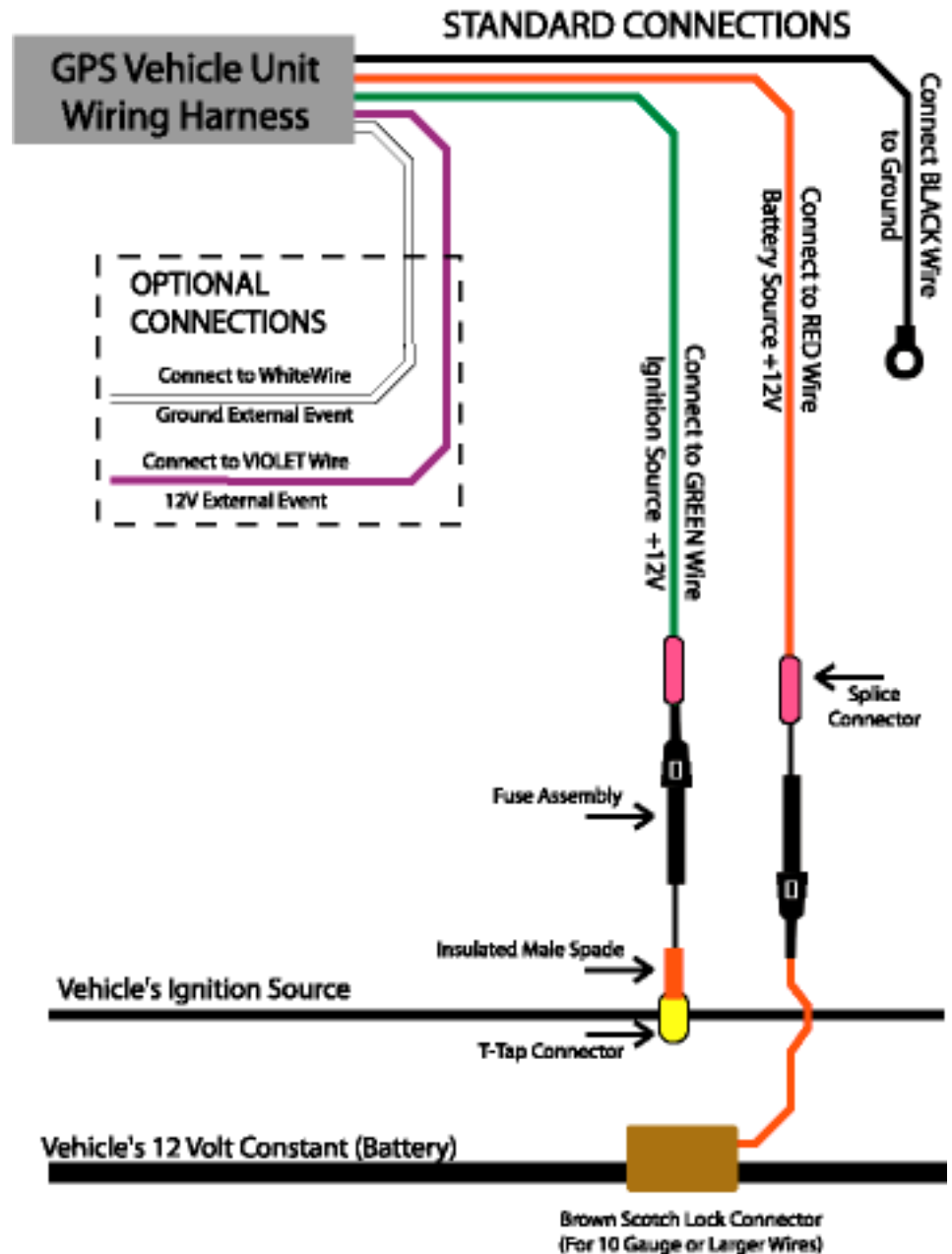
### LED Indicators

Radio: Off - Not Connected  
 GRN – Connected  
 RED – Connected but not communicating

Ign: ON when 12v is applied to Green wire.

Pwr: On when 12v is applied to Red wire.

GPS: GRN – Valid GPS fix  
 RED – Searching for GPS Satellite fix



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