G4 Echo Installation Guide

STEP 1: Mount the Antenna

WARNING The GPS antenna cord is a small coaxial cable that should never be pinched or kinked. A bad kink or pinch in the cable can cause the vehicle unit to not find satellite signal.

ROOF MOUNTING
1. Place the antenna on the roof of the vehicle for best satellite reception.
2. Route the cord underneath the passenger side door seal and down the door jamb.
3. Route the cord under the dash to the future mounting position for the G4Echo.

HOOD MOUNTING
1. Place the antenna on the hood or the metal filler panel between the windshield and hood.
2. Route the cord into the engine compartment and through an existing cable hole in the firewall.
3. Route the cord under the dash to the future mounting position for the G4Echo.

TRUNK MOUNTING
1. Place the antenna on the trunk.
2. Route the cord into the trunk compartment and in behind the back seat.
3. Route the cord under the lower door trim all the way up to the drivers lower left dash panel.
4. Route the cord under the dash to the future mounting position for the GPS vehicle unit.

STEP 2: Mount the Vehicle Unit

1. Mount the vehicle unit in a suitable place using two 1/4 inch self-tapping screws provided
2. Screw the antenna lead to the back of the G4Echo.

SUITABLE MOUNTING PLACES
- Dash panel to the right of the steering column.
- Side or front of a center-console.
- Top of transmission hump.
- Rear cab wall. (if no other space is available)
- Side of Drivers Seat.
- Passenger Dash Panel

BAD MOUNTING PLACES
- Drivers lower left kick panel
- Below or around cup holders
- The entry side of the steering column.

STEP 3: Wire the Vehicle

WARNING Do not knick the interior wires while stripping the exterior casing.

PREPARE THE HARNESS
1. Score the end of the wiring harness about 1 inch length wise and peel the rubber exterior back until enough wire is exposed for your particular installation.
2. Connect one Fuse holder to the RED wire with a splice connector.
3. Connect one Fuse holder to the GREEN wire with a splice connector.
4. Connect the Ground Ring to the BLACK Wire.

ACCESS THE VEHICLE IGNITION HARNESS
Use a 12 Volt test light to find a constant power source and an ignition source.

VEHICLES WITH LARGE WIRES

1. For 10 Gauge or larger wires, connect a Scotch Lock to the Ignition Source and Power Source wires that you find 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 with the self tapping screw provided or connect it to an existing ground wire.

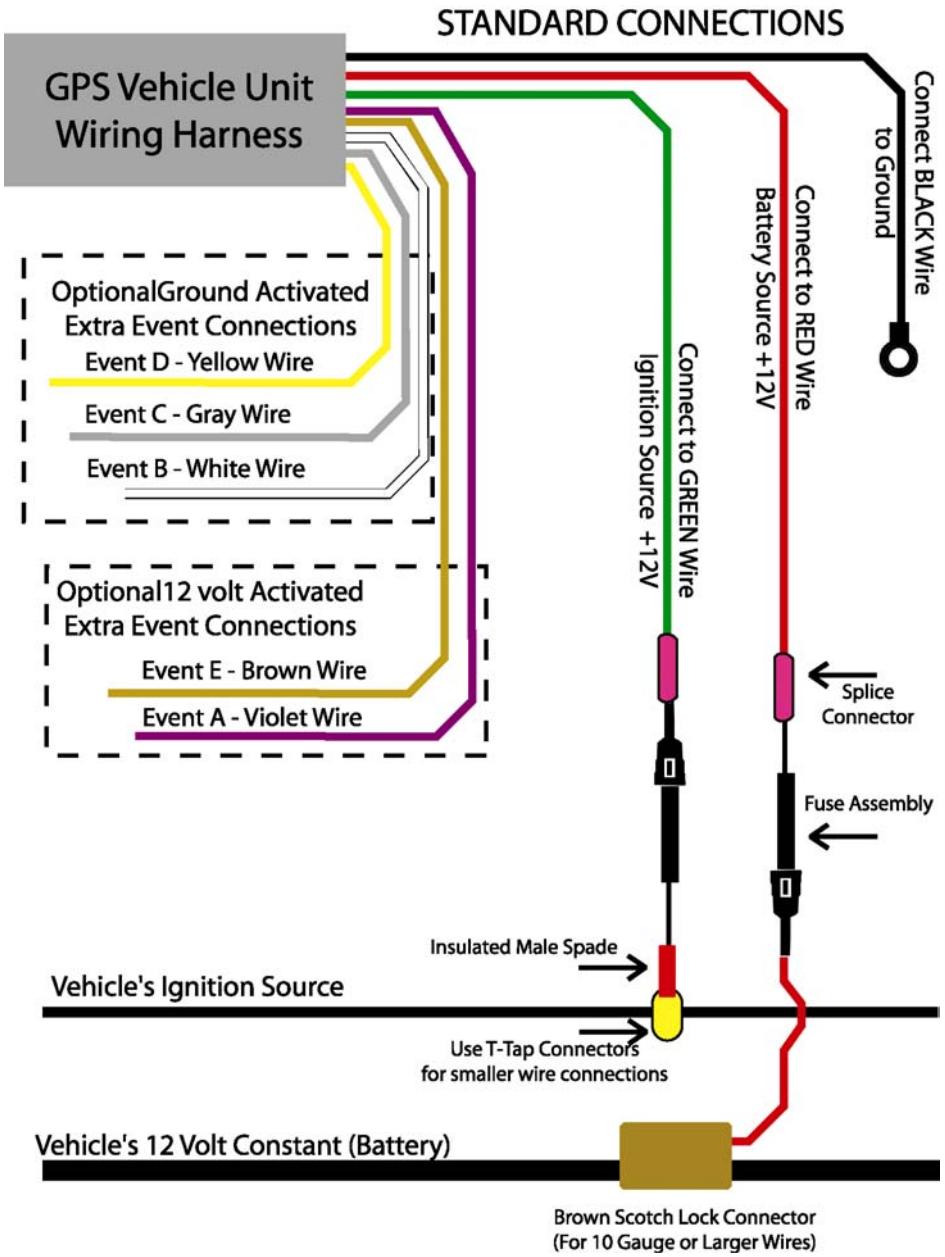
VEHICLES WITH SMALL WIRES

1. Connect a T-Tap to the Ignition Source and Power Source wires that you find in the vehicle's harness.
   - For 12-14 gauge wires, use the Yellow T-Tap.
   - For 14-16 gauge wires, use the Blue T-Tap
2. Attach a Male Spade Connector (provided) to the fuses of the GREEN and RED wires.
3. Connect the GREEN wire to the ignition source wire.
4. Connect the RED wire to the constant battery source.
5. Connect the BLACK wire to the firewall with the self tapping screw provided or connect it to an existing ground wire.

System LED Light Functions

PWR LED: Should stay on GREEN continuously. It indicates continuous 12 volt power.
GPS LED: Should stay on GREEN continuously. It indicates good GPS signal. A RED flashing indicates no GPS signal or GPS signal search.
LNK LED: Flashes yellow during data transmission process.
EXP LED: Reserved for future use.
ACT LED: Comes on for the following reasons:

- RED: The truck is exceeding 70 mph or other preset speed warning level.
- RED: The vehicle has been idling for more than 5 consecutive minutes.
- GREEN: The vehicle is in motion or a record is in progress.



Time Management, Inc.
Phone: 407-888-9663
Fax: 407-855-4344