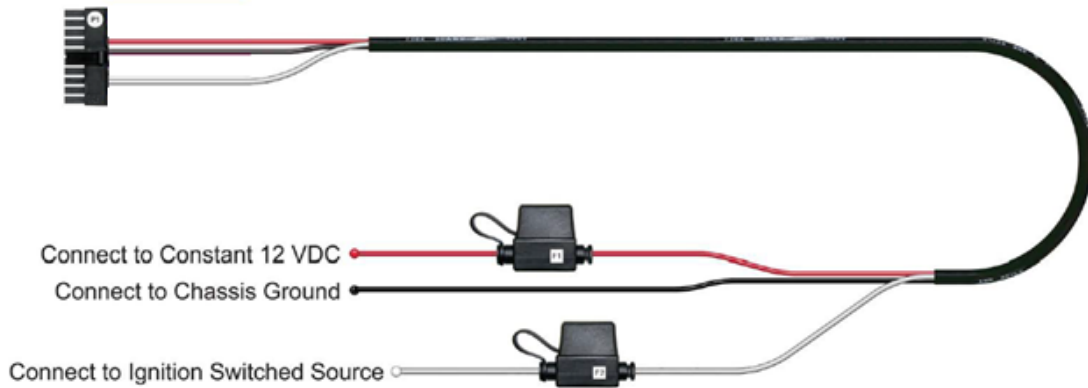


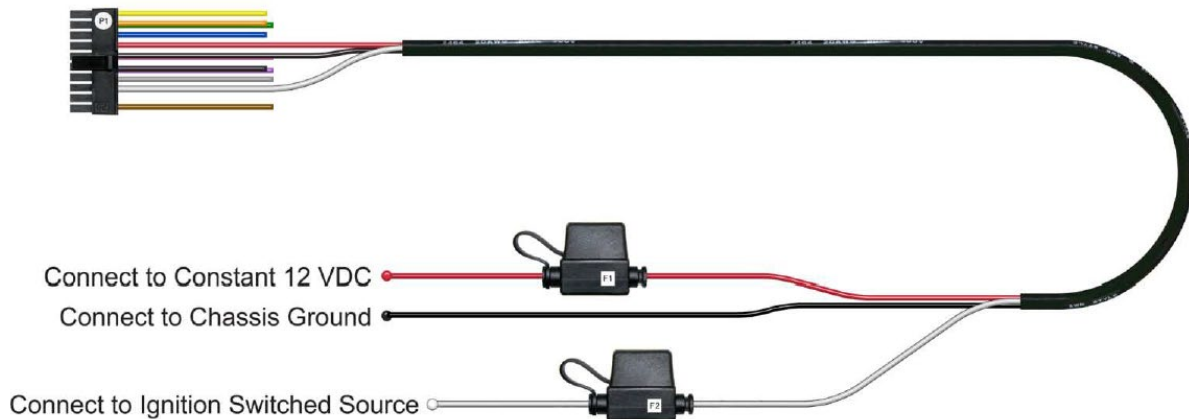
To begin installation, place the vehicle tracking device under the dashboard. To prevent the unit from moving or falling it is recommended to use a zip-tie to secure the CalAmp. Be sure to leave room install the provided antenna, if it was included with your device.

When wiring your CalAmp Harness there are a few things you will need to know. The three wires to make the harness work are the Red (Constant Power Source), White (Ignition Source), Black (Ground).

5C848-8 Harness



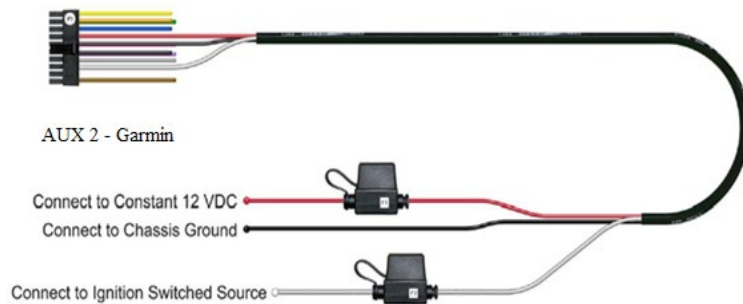
5C867 Harness



5C908 Harness



Power harness w/ (2) 5 Pin Serial ports
Part #5C908



Securely attach the wiring harness to the CalAmp and find a constant 12 VDC power source. Connect the constant 12 VDC power source to the red wire on the tracking device. Next find the ignition wire on the vehicle and connect it to the ignition input in the fuse box. Finally, connect the ground wire on the harness to the vehicle ground (chassis).

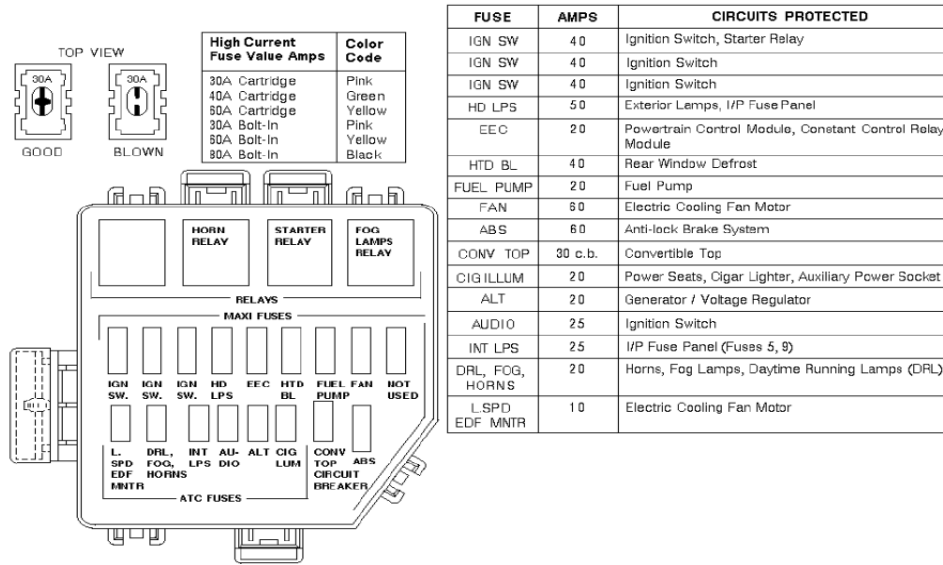
Power (Red Wire)

The red wire must be connected to a constant power source. Proper wiring will ensure you receive accurate reporting's within the Comet Tracker application. Incorrect wiring of the red wire can cause the unit to show incorrect power up events. Good sources are (Battery, Alarm System, and Clock).



Ignition (White Wire)

A switched power source is only on when the ignition is keyed — connect your white harness cable to a switched power source, so that the CalAmp performs the Ignition Off when you turn off the car, and Ignition On when the vehicle is powered on. Good sources are (Ignition Switch in fuse box, fuel pump)



An additional option would be to purchase a specific fuse which is available at most auto stores and allow you to connect the ignition wire directly to the fuse box.

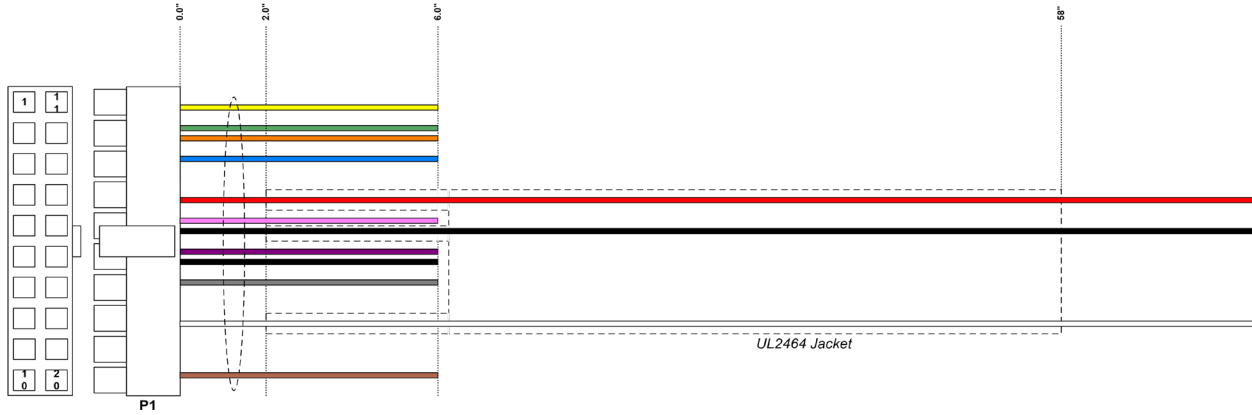


Ground (Black Wire)

A good ground connection is vital for proper CalAmp performance. When wiring the black (Ground) wire from the harness, look for a bolt, screw, or wire that contacts the bare metal of your vehicle's chassis. Loosen the bolt, slip the ground wire underneath, and then tighten the bolt. If your ground wire doesn't contact bare metal, your CalAmp won't operate. A loose or weak ground connection can result in inconsistent readings from your CalAmp.



Additional connections for the 5C867 and 5C908



Wire Table

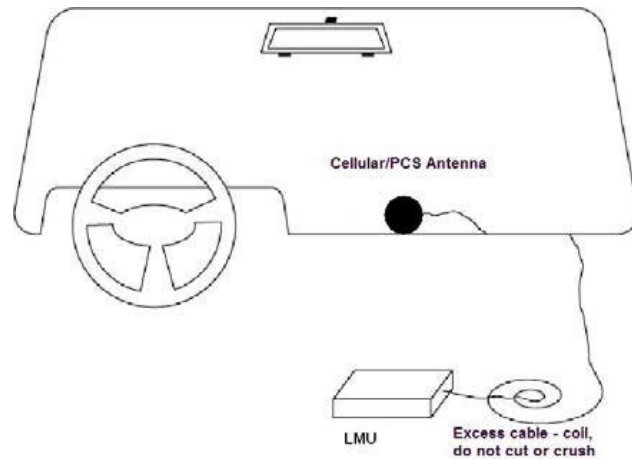
Pin	Color	Description	Pin	Color	Description
1	nc	--	11	Yellow	Output 2
2	Green	Output 0	12	Orange	Input 2
3	Blue	Input 1	13	nc	--
4	nc	--	14	Red	Primary Power
5	Pink	ADC 1	15	Black	Ground
6	Violet	Input 3	16	Black	1-Bit Bus Ground
7	Gray	Input 4	17	nc	--
8	White	Ignition	18	nc	--
9	nc	--	19	nc	--
10	Brown	Output 1	20	nc	--

Installing the GPS/Cell Antenna [External Devices Only]

LMU devices with an external antenna will have the required antenna included along with the power harness.



As shown above, the antenna has two cables which must be screwed into the corresponding pegs on the LMU 2600 device. Both pegs are sized differently to prevent mix ups between the two.



The antenna must have a clear view of the sky. You will want to mount the GPS antenna on the vehicle's highest point possible (ideally, high up on the windshield and towards the middle, like a highway transponder). Make sure that there are no obstructions close to the antenna that might block the view to the horizon. Air horns lights, vents, etc... Should not block the antenna beyond 5° above the horizon. Kinks or knots in the antenna cable can prevent the GPS receiver from operating properly. When laying out the antenna cable, take care that the cable is not subjected to crushing or strain.