12V ONLY!

For live Tech Support:
Call Certified Tracking Solutions
1.780.391.3800
Toll Free **1.855.287.4477**
8AM to 5PM
Monday to Friday MST

STEP 1 — Determine Installation Type and Options

Depending upon the requirements, the AC100GPS3G module can be installed in two ways.

Type1 – **AC100GPS3G** GPS Tracking ONLY!
Type2 – **AC100GPS3G** GPS Tracking with starter kill and/or input

STEP 2 — Complete the wire connections according to the selected installation type

Please see the install diagrams for detailed instructions and wiring.

Red: 12 Volts (+) Constant
White: Ignition (+) (MUST be a true ignition source)
Black: Ground
Green: Starter Disable Output (-)

Yellow: Input 1(-) Optional

GROUND MUST BE CONNECTED DIRECTLY TO CHASSIS WITH PAINT REMOVED

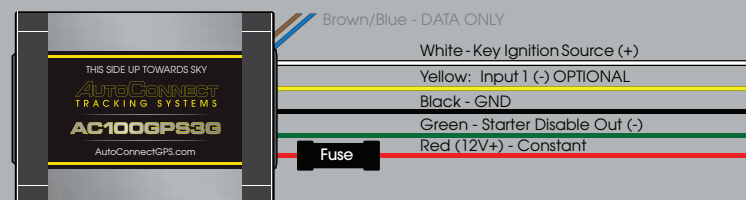## STEP 3 — Position the AC100GPS3G Module in an Optimal Location

Failure to adhere to these suggestions will result in a weak cellular and/or GPS signal and will affect the performance of the device.
• Secure in upper portion of dash in a hidden location with correct side pointing skyward (label will indicate proper orientation). Example: Above instrument cluster.
• Do not cover with metal or position near any source of interference (Vehicle Radio, BCM). Keep a safe distance of at least 24".

STEP 4 — Confirm LED Status

Blue: Flashing — Connected / Online ✓
Green: 1 Flash / Second — Valid GPS ✓

Type 1 — AC100GPS3G only

Brown/Blue - DATA ONLY
White - Key Ignition Source (+)
Yellow: Input 1 (-) OPTIONAL
Black - GND
Green - Starter Disable Out (-)
Red (12V+) - Constant
Fuse
THIS SIDE UP TOWARDS SKY

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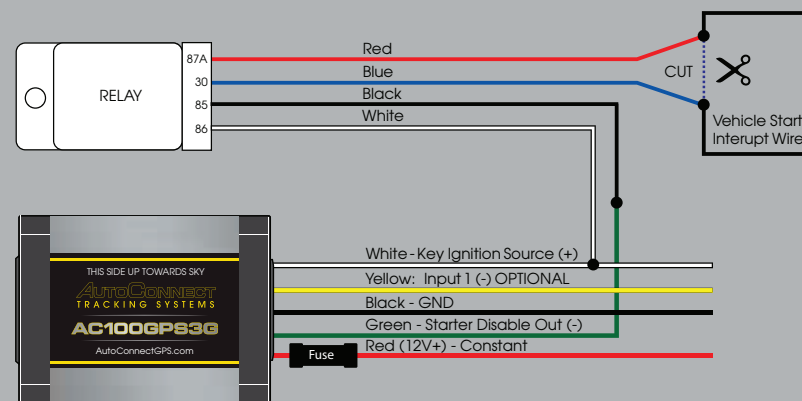8AM - 5PM Monday to Friday MST

1-2-3!
1. Connect Red wire to Constant +12V and fuse.
2. Connect Black wire to Ground.
3. Connect White wire to True Ignition (+).

⚠️ **ATTENTION:**
Connecting the device to 24V *or* 12V to the **Brown** or **Blue** wire **WILL VOID THE WARRANTY!**

Numerous installation options exist to interrupt a vehicle's start sequence.
Please see one possible option below.

Type 2 — AC100GPS3G with Starter Kill and/or input (optional)

RELAY
87A Red
30 Blue
85 Black
86 White
CUT
Vehicle Start Interrupt Wire*

White - Key Ignition Source (+)
Yellow: Input 1 (-) OPTIONAL
Black - GND
Green - Starter Disable Out (-)
Red (12V+) - Constant
Fuse
THIS SIDE UP TOWARDS SKY

*Vehicle Start Interrupt Wire
This is a wire that when cut the vehicle is not able to be started by a key. Due to data bus systems on newer vehicles this wire may not be at the ignition switch. When cutting a wire be sure to test that the vehicle cannot be started by key and when reconnected the vehicle starts without fault codes being displayed by the vehicle. **DO NOT CUT THE WIRE THAT WILL SHUT DOWN THE VEHICLE WHEN RUNNING BY THE KEY.**

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STEP 5	Testing

It is **HIGHLY** recommended that you follow one of the test procedures below to ensure proper functionality.

Test Procedures

Call CTS to Test	**a)** Have the ESN# ready and call CTS to test the ignition, GPS and starter kill (if applicable)	*or*	**For Live Tech Support:** Call Certified Tracking Solutions at **1.780.391.3800** **Toll-Free 1.855.287.4477** 8AM - 5PM Monday to Friday MST
Self Test	**b)** Login to view and test the device		

1 | Confirm Vehicle Connectivity and GPS Location

a) Go to www.AutoconnectGPS.com and click on "Customer Login"

b) Enter the User Name and password for your account
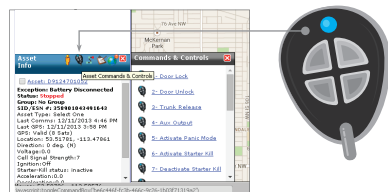
c) Click "Login".

The successful completion of this section will enable you to see the current location of the device on the website.

d) Click on device serial # on the left side of the screen. The asset info box will open on the bottom left corner of the screen.

e) Click on the "Asset Commands & Controls" icon located at the top of the Asset Info box

f) Click on command labeled "A – Bulls Eye Position Request". A successful completion of this command will result in a checkmark being displayed and the current time will update in the "Last Comms" section of the asset info box.
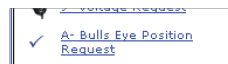
g) The vehicle icon on the map should now have a red "dot" below it. If it has an exclamation mark ("!"), it means that the device has "invalid" GPS. In this case you will need to move the vehicle outside and issue the Bulls Eye request again.

 Invalid GPS   Valid GPS

If you are still unable to see an updated location you can force a GPS position through by disconnecting the modem from the power harness for 3 minutes and then reconnecting again.

2 | Test Starter Kill Output (if applicable)

Once logged into the AutoConnect dashboard, click on the "Activate Starter Kill" command. This will generate a latching ground output from the green wire. Please see the Starter Kill wiring diagram for recommended wiring. If successful you will not be able to start the vehicle. Click on the "Deactivate Starter Kill" to allow the vehicle to start again.

IMPORTANT: If starter kill is activated while vehicle is running, vehicle should NOT shut off.

3 | Verify ignition status

Ensure the vehicle is no longer running.
Once logged into the AutoConnect dashboard, click on the device serial # on the left side of the screen. The asset info box will open on the bottom left corner of the screen. Verify that the status of the ignition says "**off**".

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