

# Setup & User Manual

## **STX 2-Wire (ST4215)** GPS Tracker for Vehicles **Quick & Easy DIY 2-Wire Installation**



## Welcome to Americoloc

### IMPORTANT:

Your device works in the U.S, Canada, Mexico and in **more than 180 countries**.

If you have any questions or need help, please contact us at [support@americoloc.com](mailto:support@americoloc.com). Our helpful, experienced customer service agents are here to answer your questions, explain our services, and help you get the most of your GPS monitoring service.

Your complete satisfaction is our top priority.

Before using our products or installing a device, carefully read our legal terms which you can find at <https://americoloc.com/legal/termsOfService.html>

## Activate your account and add the STX 2-Wire (ST4215) device

- 1. Sign Up:** Go to [www.americoloc.com](http://www.americoloc.com) and click the **"Sign Up"** button. Fill in the required information. Once completed, your account will be ready to add your device.
- 2. Log In:** Go to [www.americoloc.com](http://www.americoloc.com) and click the **"Log In"** button. Use the username and password you created during the sign-up process.
- 3. Activate your device:** Once logged into your account, enter the IMEI number in the pop-up window to activate your device.  
**Note:** The IMEI number is located below the barcode on the back of your device.
- 4. Activate your tracking service:** Select one of our service plans by clicking the **"Click to Pay Service"** button. A new window will open with payment instructions.

## Appearance:



### PINOUT

-  Red: Positive (8-40 V)
-  Black: Negative (Ground)

## LED behavior:

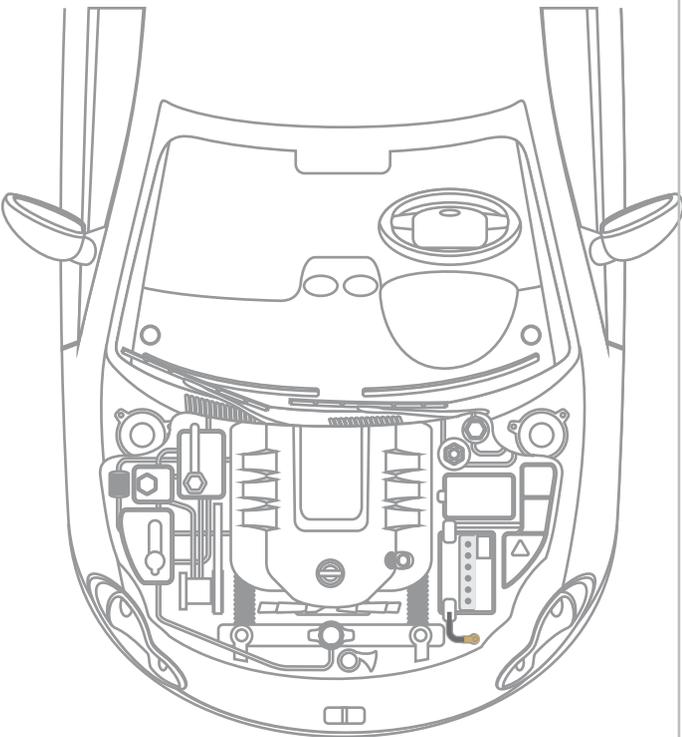
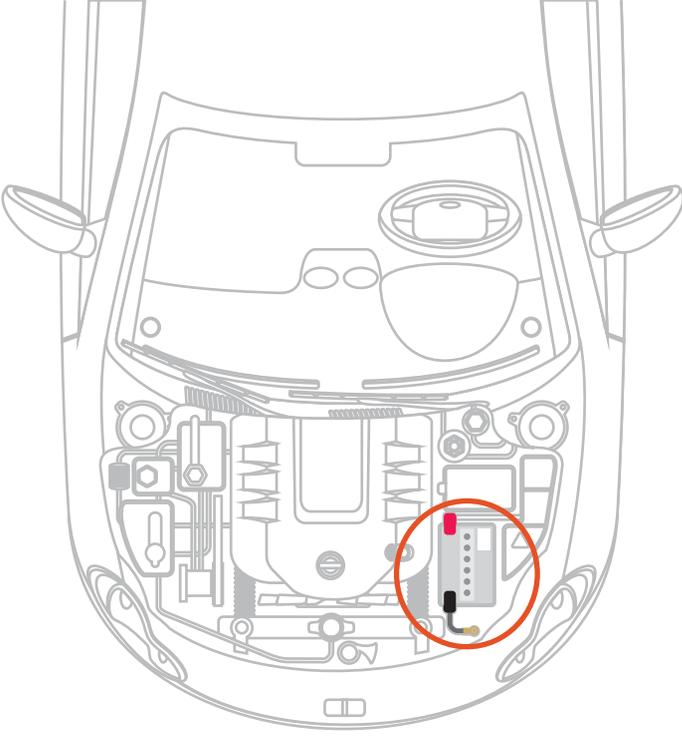
The **red** and **blue** LEDs are located on top of the device case (see the image below). If the LEDs are blinking, the device is powered on. If the LEDs are not blinking, the red cable might be disconnected from the power source, and the Back-Up battery may already be discharged.



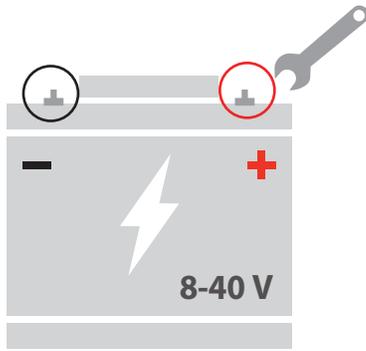
	Device Status	Blink Count (Fast continuous flashing)
CEL (blue)	Connected	1
	No network	4
	Weak mobile network signal	6
	No SIM card	7
GPS (red)	GPS signal OK	1
	No GPS signal	2

## Installation Options for your STX 2-Wire (ST4215) GPS Tracker:

**-Option 1. Under the Hood:** For easy installation, you can place the tracker under the hood of your vehicle.

<p>1.</p> 	<p>2.</p> 
<p><b>Access the Engine Compartment:</b></p> <ul style="list-style-type: none"><li>- Make sure the vehicle is turned off before starting the installation.</li><li>- Open the hood of your vehicle to access the engine compartment.</li></ul>	<p><b>Identify the Battery:</b> Locate the vehicle's battery inside the engine compartment.</p>

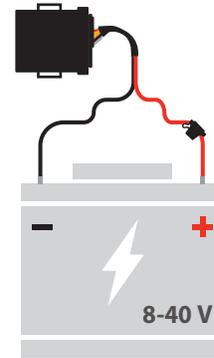
3.



**Prepare Battery Connections:** Loosen the bolts on both the negative (black) and positive (red) terminals of your vehicle's battery.

\*Important: Connect the GPS tracker directly to the battery terminals without using any additional cables.

4.

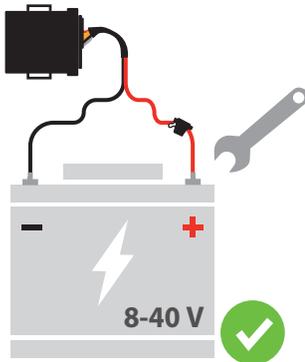


**Connect the GPS Tracker Wires:**

-Attach the black wire terminal of the GPS tracker to the negative (-) terminal of the battery.

-Connect the red wire terminal of the GPS tracker to the positive (+) terminal of the battery.

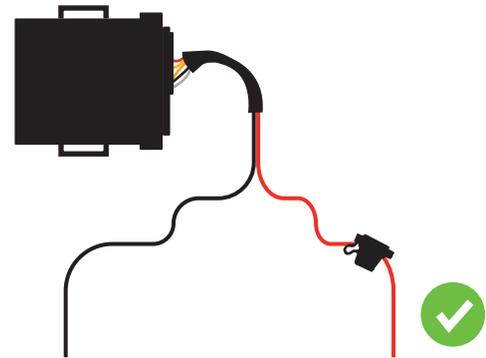
5.



**Secure the Connections:**

- Double-check that each wire terminal is connected to the correct battery terminal to prevent short circuits.
- Tighten the bolts on both battery terminals to ensure the connections are secure.

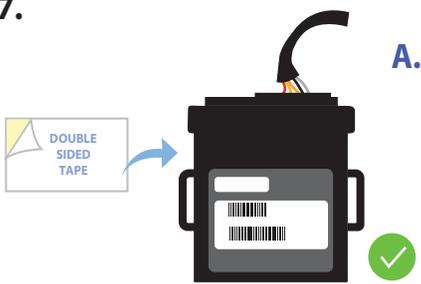
6.



**GPS Tracker ON:**

- Check the device's LED indicators (blue and red).
- The LEDs should light up and begin blinking, confirming that the tracker is powered on.
- Refer to the "LED Behavior" table earlier in this manual to verify the status of your unit, as it depends on both the GPS and cellular signals.

7.

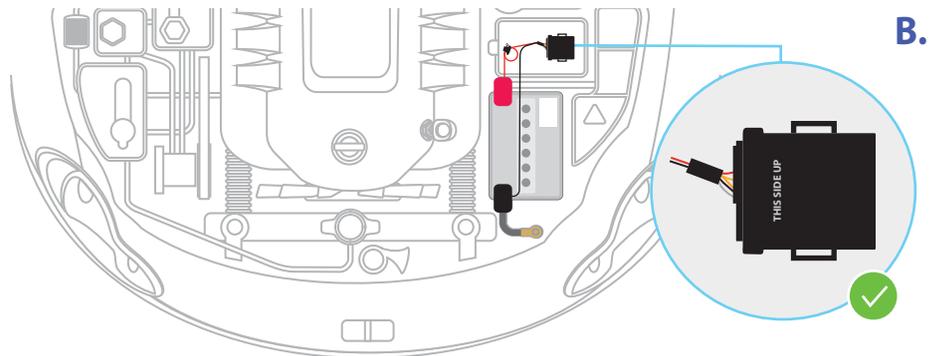


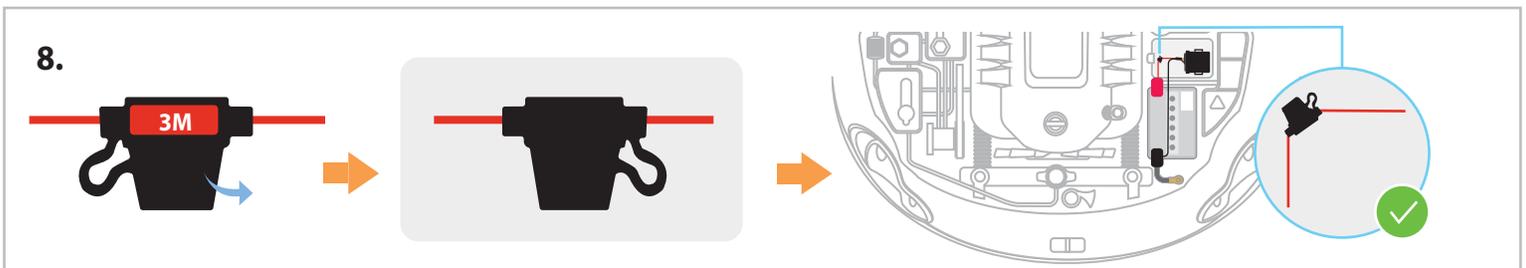
**A. Attach the Tape**

- Use the double-sided tape provided.
- Remove one side of the protective film and stick it firmly to the back of the tracker (the side with the IMEI label).

**B. Mount the tracker:**

- Choose a flat plastic surface inside the engine compartment (for example, over the battery).
- Clean the surface, ensuring it is dry and free of dust or debris.
- Remove the remaining protective film from the tape and press the tracker firmly onto the prepared surface.
- Ensure the front side of the device (with the label "This Side Up") is facing upward/outward for optimal performance.



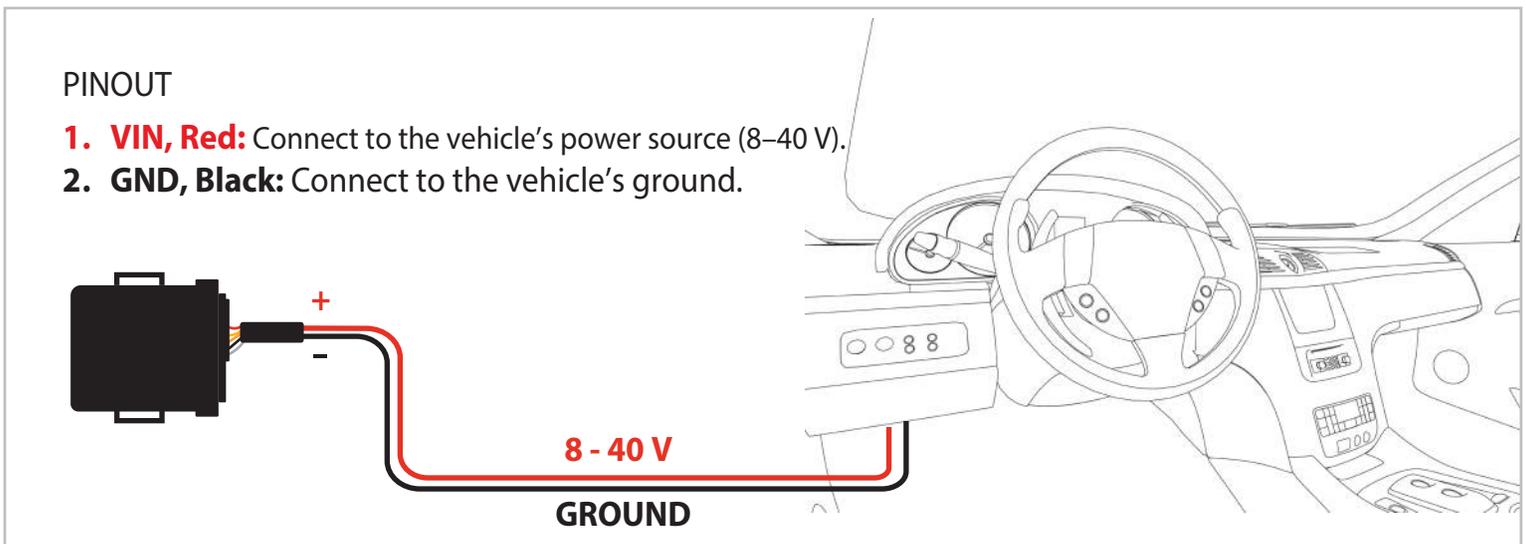


**Mount the Fuse Holder:**

- Remove the protective film from the fuse holder.
- Place it on a clean, dry, debris-free plastic surface inside the engine compartment.
- Apply firm pressure to ensure it adheres securely.

**Your GPS tracker is now installed and ready to use. Enjoy reliable tracking performance.**

**-Option 2: Under the Dashboard:** For a more discreet installation, the tracker can be mounted under the dashboard. In this case, **professional installation** is recommended. Ensure that the front side of the device (labeled **"This Side Up"**) is facing the interior of the vehicle for optimal performance.



**Frequently Asked Questions:**

**Dear customer, This section contains very important information. Please do not skip it.**

**1. How does the GPS tracker work?**

Your device uses satellite data to calculate its location and relies on mobile networks to transmit its location data to our servers. For optimal performance, it requires both reliable mobile network coverage and strong GPS signal reception.

**2. Do I need to purchase or provide a SIM card?**

No. We ship the device with the SIM card it needs to transmit data. That SIM card only works with this device. Removing the SIM will prevent the tracker from operating properly, and may void the warranty. **Please do not remove it.**

**3. My device reports a location that is slightly off from the actual location.**

Accuracy primarily depends on the unit's placement. It is recommended to install the unit under the dashboard, as close to the windshield as possible. Avoid installing it in areas surrounded by metal. Additionally, external factors such as weather conditions, cloud cover, tall buildings, trees, and bodies of water can also affect accuracy.

**4. I can't see my device's location on the platform.**

If your device is correctly installed —and therefore powered on— there are two possible reasons for this issue:



**Poor Mobile Network Signal:** Your device may be in an area with poor mobile data coverage. It will resume transmitting once it moves into a better coverage zone. The device stores location data in its internal memory, which will be sent as soon as the device reconnects to the network and can then be viewed on the platform.



**Poor GPS signal:** Your device may have lost GPS signal. This can happen if the tracker is covered by a thick surface, metal, inside a building, underground, or near tall buildings, among other factors.

## 5. What cellular technology does the STX 2-Wire version (ST4215) use?

The device uses CAT M1 cellular technology.

## 6. Does weather affect my device?

Yes, atmospheric conditions such as rain or snow can weaken signals. Extreme temperatures can also affect these devices, causing signal degradation which may result in lower accuracy or communication failures. Please do not place the device in a very hot or humid location and avoid exposure to direct sunlight. Excessive heat will damage the device or could potentially trigger a fire. Your device is designed to operate within a temperature range of -22°F to 176°F (-30°C ~ 80°C) and has an IP67 rating.

## 7. How do I know when my service expires?

- Click "Account options"
- Click "Get info" next to "My services and renewals".

## 8. How do I process the payment of my tracking service?

Ten days before your service expires, an "Expires soon. Click to renew" button will pop up. Please click it, select the tracking plan you wish to purchase, and enter your card information.

## Basic Location Instructions:

### A. HOW TO LOCATE YOUR DEVICE

On the desktop version, click the  **Devices** tab. On the mobile app, tap the . Your list of devices will be displayed, along with the following buttons next to each device:



**Last known position:** Click this button to display the last recorded position of the unit on the map. The device updates its location at predetermined intervals. By default, it updates every 30 seconds while moving and every 30 minutes when stationary. Additionally, during movement, the device updates its location at every corner turn or every quarter of a mile, whichever occurs first. If needed, its configuration can be adjusted to update more frequently.



**Device Settings:** Click this button to check the device status, change the device's settings, configure event and zone notifications, and generate reports.

**B. VIEW HISTORY:** This interface may vary depending on whether you are using a desktop or mobile web browser.

1. On the desktop version, go to the "**History**" tab. On the mobile App, tap this icon: 
2. Select from the list of predetermined date and time ranges or click "Advanced search" for a customized search.

3. Click "Search" to view the results on the map for the selected device. Then, click "View" to center the search on the map and display a table of all events sent by the unit during the specified date range.
4. Click any icon, map or table, to view more detailed information.

## Non-Liability Clause:

The customer acknowledges and agrees that it is solely responsible for the use of vehicle GPS trackers supplied by ORBIFLEX INC / Americaloc, or any of its affiliates ("Supplier"). The customer agrees that the Supplier shall not be liable for any damages, losses, or harm arising either directly or indirectly from the use of these devices.

## Other tracker you might like:

### STX-OBDD

- Plug and play
- Easily transfer between vehicles



Get information about this model

<https://us.americaloc.com/product/st4500/>

## Mobile App:

After activation, you can track your units from any browser or using our mobile app: "Americaloc Viewer"



## Help:

For additional information about our devices and services, visit the "Help" section in your account. You can also explore our YouTube channel, Americaloc, for video tutorials. Please note that functions may vary by model.



For further assistance, please contact us at [support@americaloc.com](mailto:support@americaloc.com) or call 855-830-2290

Thank you for choosing  


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-  White: Ignition Detection (Optional)

## LED behavior:

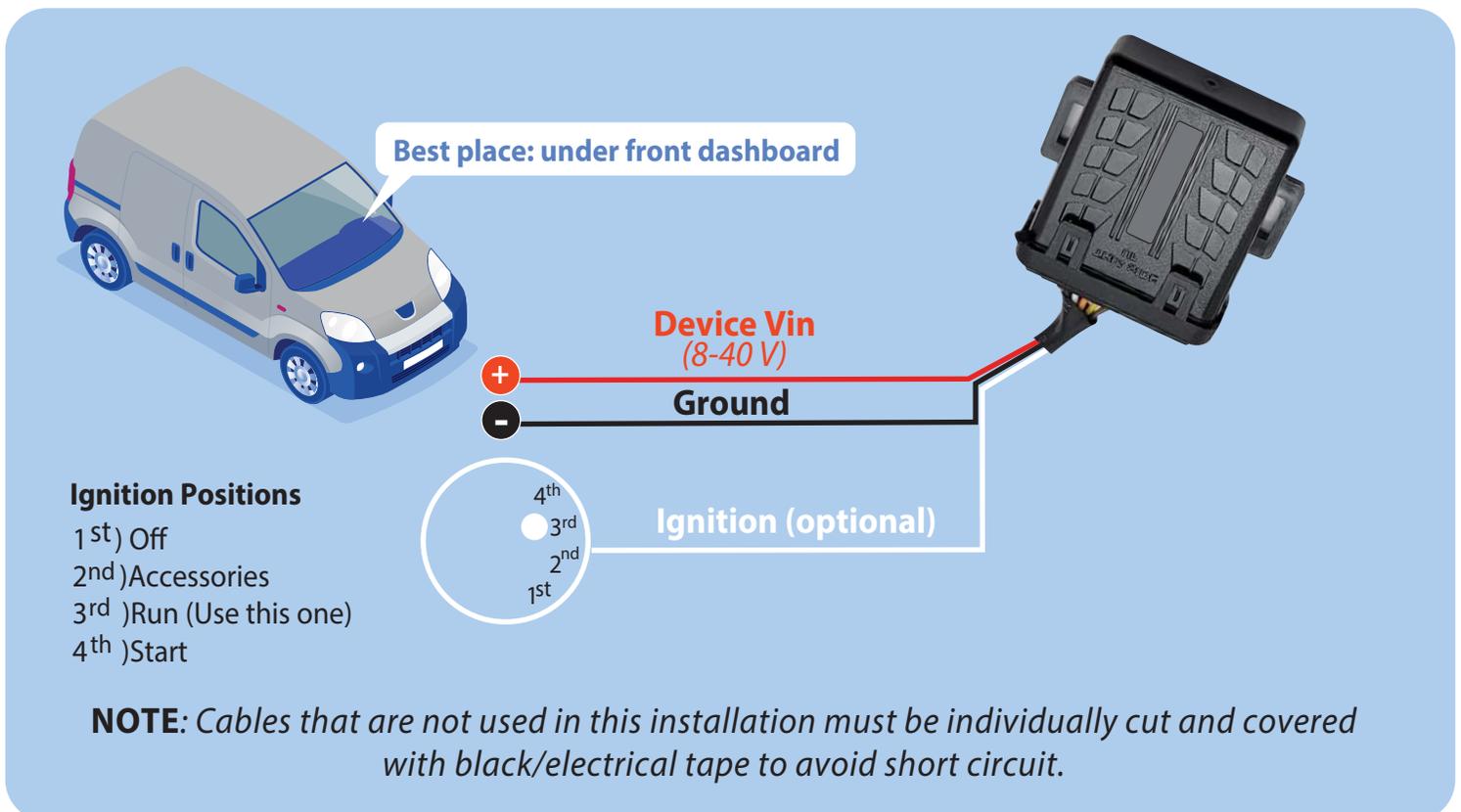
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## STX Wired (ST4215): Installation Diagram

**Recommendation:** for the best results we recommend that the installation is done by an auto electrician.



The **white wire** is used for ignition detection and is **optional**. If you choose to use this wire in the installation, please connect it to the ignition module at the "RUN" position, as shown in the image. Additionally, **email support so we can configure your unit to detect ignition by wire, as it is currently set to detect ignition by motion.**

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Thank you for choosing  
((( Americoloc )))