

XT4769 Installation Guidelines

IMPORTANT: ALL DEVICES ARE SENT IN "SHIP MODE," DURING INSTALLATION YOU MUST PRESS AND HOLD THE BLACK BUTTON NEXT TO THE WIRING HARNESS PORT FOR 10 SECONDS TO WAKE THE DEVICE, LIGHTS WILL FLASH ON THE UNIT

Tracker Location

- The tracker uses only internal antennas for GPS and Cellular Data
- Install the tracker as high as possible, ideally with a clear view of the sky
 - The tracker has an internal Lithium Ion battery, do not install the tracker in a location which will exceed 165F (e.g. NOT directly under a windshield).
- The tracker is weatherproof (IP66 Rated), but:
 - Do not install the tracker where it will be subject to direct spray (e.g. in a wheel well)
 - Do not open the tracker. Opening the tracker will damage the weatherproof seal, and VOID the warranty.

Physical Attachment

- Locate a position where the tracker can be wired to the vehicle/trailer's electrical system
- The tracker must be attached to the vehicle in a manner that precludes all movement
- Zip-ties can be used to attach the tracker to wiring bundles, chassis components etc.
- Ideal mounting is with the cable pointing down.

The recommended wire spreading tool is available from [amazon.com](https://www.amazon.com):



Neiko 01924A Ultimate Self-Adjusting Wire and Cable Stripper

by Neiko

★★★★☆ 660 customer reviews | 35 answered questions

Price: \$13.99 ✓prime

FREE Shipping on orders over \$25—or get FREE Two-Day Shipping with Amazon Prime

Color: Original Version

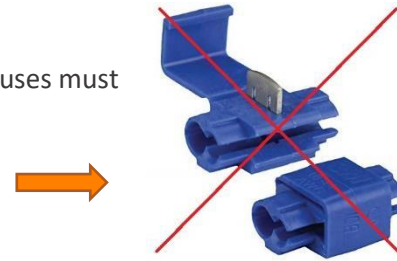
- Innovative wire stripper with self-adjusting mechanism is ideal for copper and aluminum cables from 10-24 AWG
 - Specially designed and precisely machined teeth grabs, holds, pulls and removes outer jacket in a simple one-handed motion.
 - Thumb wheel micro-adjusts jaw tension and clearance for perfect stripping on smaller gauge wires beyond 20 AWG
 - Adjustable gauge/stopper controls the length of core wire from 1/4 to 3/4"
 - High-frequency heat treated blades makes clean cuts on wires from 10-24 AWG
 - Built-in crimper crimps 10-22 AWG insulated, 4-22 AWG non-insulated and 7-8 mm auto ignited terminals
 - 8 Inch spring-loaded, flat-sided handle provides maximum comfort and leverage
- [See more product details](#)

[Compare with similar items](#)

Used & new (12) from \$12.87 & FREE shipping on orders over \$25.00. [Details](#)

Wiring Guidelines

- Wiring should be completed in as “Factory Installed” a manner as possible
- No wiring to be visible
- The wiring harness includes fuses for constant and ignition power. Fuses must be installed and not bypassed or omitted.
- Tape off unused wires with electrical tape
- Excess wiring to be coiled and zip-tied
 - **No** Scotchlok or similar wiring splice devices to be used



Wiring Setup

The ClearPathGPS tracker uses up to three wires:

1. **RED:** Power - Constant 12 volts*
2. **BLACK:** Ground
3. **WHITE:** Ignition Sense (Optional)
 - **The remaining wires should be taped off securely, they are not used**

RED WIRE: Power - Constant 12 volt (or higher depending on your system*)

- Use a Voltmeter to locate a wire which has 12-volt power*
- Circuit must be able to continuously source 1 Amp at 1 Volts.
- Test the 12-volt* power wire using a multimeter – and verify that the voltage does not fluctuate while the engine is being started (cranked). If it fluctuates, choose another wire!
[WARNING: The tracker is sensitive to voltage fluctuations – and choosing the wrong wire can cause irreparable damage!]

BLACK WIRE: Ground

- Connect to the vehicle’s chassis (See page 3), or to a ground wire

WHITE WIRE: Ignition Sense: (Optional connection)

- Connect the white wire to a circuit that is powered when engine is running
- When the Ignition is ON : Has between 8 to 30 volts. The voltage should be stable once the engine is running. If the voltage fluctuates – you need to find another wire
- When the Ignition is OFF : Has 0 volts









Note: Ignition sense enables the tracker to report when equipment is running, and provides 30-second tracking when moving above 5 miles per hour. Without ignition sense (without the white wire connected), the unit will provide 10-minute tracking updates while moving, but cannot track engine hours. If ignition detection is not required, the white wire will not be used and should be taped up.

*These units are compatible with 24 volts systems. The device is rated up to 30 volts, tolerant up to 40 volts.

*Interpret ‘12 volts’ in these instructions as to whatever the appropriate voltage is for your vehicle

Making Connections

- Wiring to be spliced, wrapped, taped and zip-tied

<p>Step 1: Identify wire to be spliced into</p> 	<p>Step 5: Make an opening, and insert the wire</p> 
<p>Step 2: Using strippers open the insulation</p> 	<p>Step 6: Wrap the inserted wire tightly around</p> 
<p>Step 3: The conductor is now exposed</p> 	<p>Step 7: Electrical Tape the two wires together</p> 
<p>Step 4: Strip the wire to be inserted</p> 	<p>Step 8: Zip-tie the connection</p> 

For Ground

- Crimp a ring terminal onto the black wire
- Screw this into the vehicle chassis using a self-tapping metal screw



After Installation - Assigning the tracker to a vehicle:

If the white wire was not used:

- Ignition will not be detected. Please login to the ClearPathGPS portal and navigate to Administration->Vehicle Admin to enter in the vehicle’s information. This will complete your installation process.

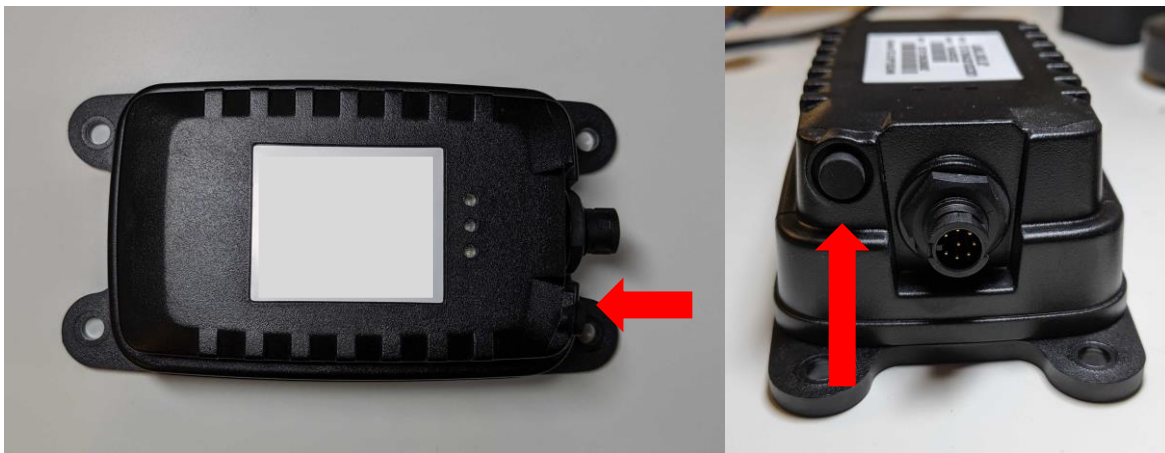
If the white wire was used:

- Proceed with the tracker assignment instructions below:

TTU Tracker Vehicle Association Instructions:

Note: All trackers are shipped from ClearPathGPS already activated, tested, and associated with your account.* The following text-to-activate process will associate your vehicle’s information with the tracker. We recommend doing this process with the vehicle parked outside to ensure good GPS and Cellular connection.

Step 1: Press and hold the black button next to the wiring harness port for 10 seconds to wake the device, lights will flash on the unit.



Step 2: Take note of the device’s Activation Code.

We recommend taking a photo or writing it down: _____

The **Activation Code** is a 15-digit number on the white label. This code is also listed as the “Unique ID” in your ClearPathGPS Vehicle Admin page.



Step 3: Text the Activation Code from Step 1, to ClearPathGPS at telephone number: (805) 695-2388

Step 4: After you text your Activation Code to ClearPathGPS, you will receive a few text messages prompting you to reply with information about the vehicle. Respond according to the prompts with the:

- Vehicle Name: This is the name that you will see on the map
 - VIN: Vehicle Identification Number (Or, 'None' if vehicle does not have a VIN)
 - License Plate (Or, 'None')
 - Current Odometer
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Step 6: After sending the current odometer, turn on the vehicle's engine and wait 30 seconds.

Step 7: Turn off the vehicle's engine and wait 30 seconds.

Step 8: Text 'done'. You should receive a text back saying, 'installation complete.'

Tips:

- Your vehicle information can be reviewed and easily edited in the 'Vehicle Admin' page of your ClearPathGPS account.
- If the installation fails – e.g. IgnOn(Fail), then start the engine, wait 30 seconds, switch off the engine, wait 30 seconds, then text DONE. This will re-test ignition on/off detection.
- If you get stuck – text RESET. This will reset the vehicle you are working on. You can then try the same vehicle again or start a new one. You can only activate one vehicle at a time.
- Feel free to give us a call at ClearPathGPS Support if you have any questions: (805) 979-3442

*This activation does not relate to your billing, subscriptions will activate based on agreed terms.