



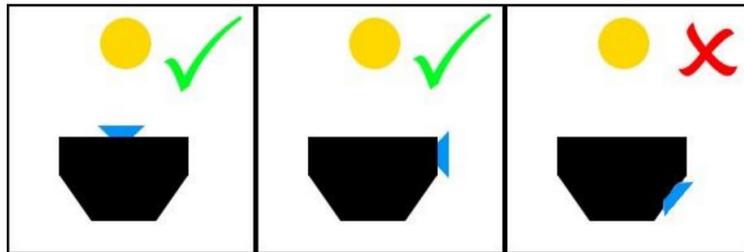
# One Step GPS

## Installing your Solar Tracker

Here is how to install your solar Tracker on a trailer or any connected piece of equipment. If you need any additional assistance, please visit [OneStepGPS.com](http://OneStepGPS.com) and chat with a representative or call (888) 813-7521.

### 1. Screw the mounting cradle on the outside of the trailer or vehicle so it has clear access to the sky:

- If possible, have the solar panel facing directly towards the noon sun. At least have the solar panel no greater than 90° away from the noon sun:



- Avoid mounting the solar tracker where shadows may cast upon the solar panel.
- Avoid placing the solar tracker inside a container made from any conductive materials or partially mounted into a bracket made from any conductive materials. Doing so may potentially degrade GPS and cellular reception.
- Avoid mounting the solar tracker in low locations where dirt, grease, or any other staining particles can be introduced by rotating wheels. Excess dirt, grease, or staining materials on the solar panel will reduce the amount of charge the device can receive.



- Avoid mounting the solar tracker to locations that are high risk to predictable physical harm. (I.e. the top of an asset if snow scrapers are utilized in periodic maintenance of the asset without some sort of protective bracket)
- A small black button (Wake-up button) is located on top of one of the mounting holes. When screw-mounting the device it is important to be aware and stay clear of this button as it can be damaged during the installation when not minded. Damaging this button or permanently engaging the button will affect the device functionality.

**2. Optional: You can wire the tracker by connecting all 3 wires in the following manner:**

Check each source with a multi-meter (power, ground) to ensure that the proper signaling exists.

- Blue = Main power = 12V DC constant 12v power source (usually the ABS circuit).
- Brown = Ground = 0V DC

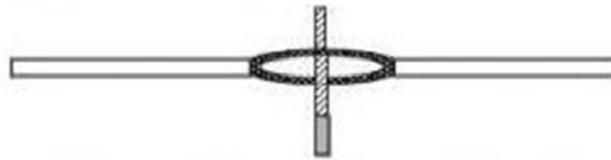
▲ If there is not a 12v switched power source available coming from the truck or tractor, then the White wire may be tied together with the Red constant 12v wire, and connected to the 12v constant power source found at the connection point of the truck and trailer.

We recommend - Poke & Wrap or soldering your connection:

- A) Strip back insulation on the wire to be connected to and poke a hole through the wire.



- B) Insert the wire to be connected through the hole.



- C) Wrap the connected wire on both sides of the connection to form a knot and pull connection tight.



- D) Wrap the connection with 3M Super 33+ tape. You can also zip tie to prevent unraveling. Use additional zip ties to further secure wiring, fuses, and device.

**3. The device comes powered off. To wake up the device from ship mode, you have to perform one of the following actions:**

- a) Press the button by the connector for a few seconds until you see the LEDs flash briefly.
- b) Let the solar tracker charge for at least 15 minutes in direct outside sunlight.
- c) Apply external power (12V, for example) for a few seconds until you see the LEDs flash briefly.

**4. Start tracking. Once you have installed your tracker please visit [OneStepGPS.com/Track](http://OneStepGPS.com/Track) or click sign in at the top of our website. (For mobile, download “One Step GPS” in Google Play/App store.)**

You should have already received your username and temporary password via email.

## **Additional notes**

**Please read to ensure best possible device performance.**

- When installing the device for the first time it is recommended to be in an uncovered area where the device has unobstructed access to GPS Satellites.
- Do not place the device in a warm location, such as directly near heater vents or hot engine components.
- If wires are exposed, wrap them with plastic protective cable wrap common to automotive applications. All wiring must be secured and tied down to complete the installation.
- Apply dielectric grease to any connections made that will be subjected to moisture or water.