

The installation kit contains a registration card, the ST-1100, three 5/16" (8mm) self-tapping screws, one abrasive pad, two alcohol wipes, one 3M Primer stick, one plastic nut wrench, and two mounting plates. Additional tools and supplies that you may need include a cordless drill, 1/8" (3mm) drill bit, 5/16" (8mm) nut driver drill attachment, silicone, clean rag, and an extension ladder.

**Note.** Devices that are not installed within 30 days of purchase should be recharged prior to installation. If your device has light indicators, assess prior to installation.

Every 60 Seconds			Action	Status
G	Y	R		
Green	Yellow	Red	Solid	Magnet Applied / OFF
Green			Solid -> 3 Flashes	Startup
Green			<b>1 Flash</b>	<b>Normal</b>
	Yellow		3 Flashes	Sensor Error
		Red	3 Flashes	Cellular / Satellite Error
		Red	1 Flash	Low Battery / Charging
			0 Flashes	Dead Battery / Not Charging

## Installation Overview

The following steps provide an overview of the installation process:

1. Install preparation.
2. Determine mounting location.
3. Device installation.
4. Verify the installation.

## Installation Steps

### 1. Install preparation.

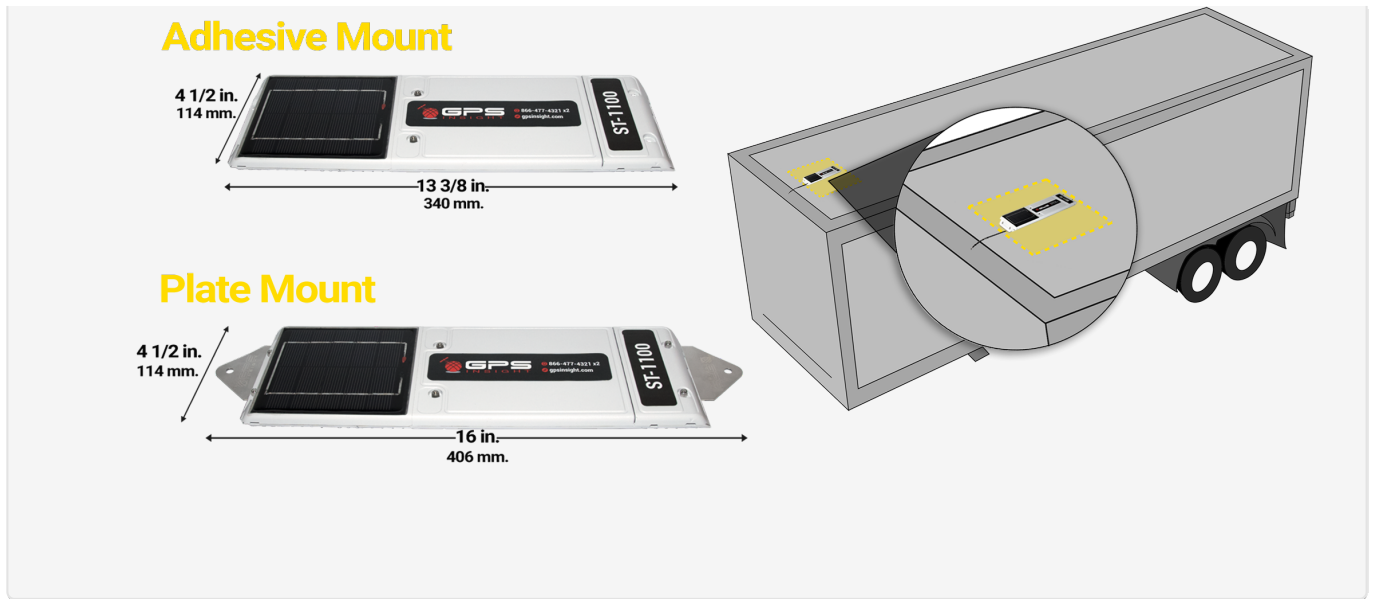
Complete the registration card by locating the thirteen-digit serial number on the bottom of the device and copying the nine numerical digits onto the card.

**Note.** Be sure you write down the correct serial number (**GT-1100 S/N**), as there are two serial numbers listed on the back of the device.



## 2. Determine mounting location.

1. Identify a suitable mounting location which provides the ST-1100 with the best view to the sky for both GPS reception and solar charging. The device should remain clear of any moving parts, not mounted to any removable panels or positioned where damage to the device could be caused by normal operation, cargo, or terrain.



### 3. Device installation.

The ST-1100 can be mounted using one of the two methods.

#### Adhesive Mount

For the best results, the mounting surface temperature should be between 50 and 100°F (10-37°C).

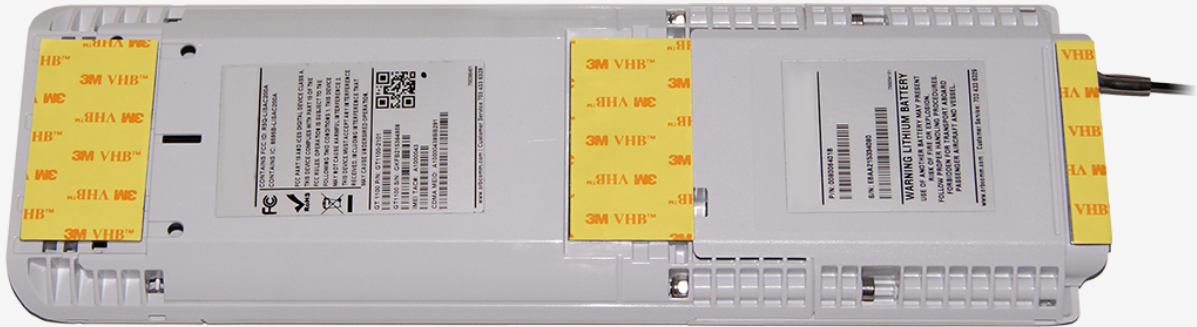
1. Using the supplied self-tapping screw, secure the eyelet of the tether using a 5/16" (8mm) nut driver and straighten tether (as shown below).



**Note.** Apply a small amount of silicon around the head of the self-tapping screw to prevent water damage.

2. Move the device to the side then using the supplied abrasive pad, lightly scratch the area identified in the previous step.

3. Clean the area with the supplied alcohol pads, and wipe with a clean rag.
4. Apply 3M Primer to the surface and allow to dry.
5. Remove the backing tape from the bottom of the studded brackets and lightly press the device in the desired location.



6. Using the supplied plastic nut wrench, remove the six nuts and remove the device from the studded brackets, and then apply firm pressure to each of the studded brackets for at least 60 seconds.



7. Place the device back on the studded brackets, and secure all six nuts.

## Plate Mount

This mounting method does not require the use of the device tether. The tether should be removed and stored for future use.

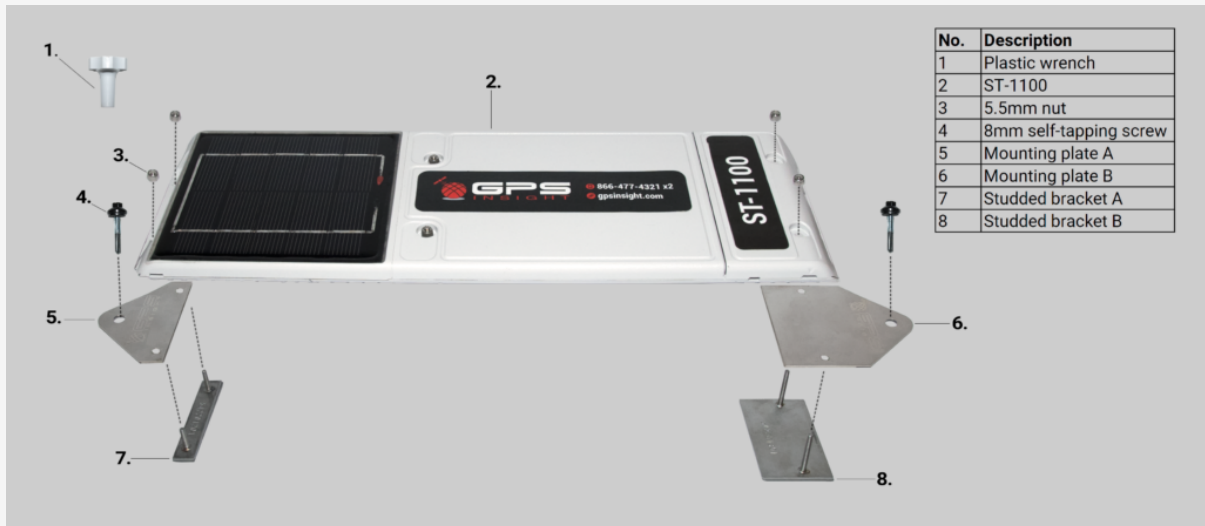
1. Using the supplied plastic nut wrench, remove the two nuts at each end of the device and separate the brackets from the device.



2. Match the smaller mounting plate (mounting plate A) with the smaller studded bracket (studded bracket A), and the larger mounting plate (mounting plate B) with the larger studded bracket

(studded bracket B).

3. With the mounting plates sitting on top of the studded brackets, reattach the brackets to the device.



4. Position the device on the mounting surface.
5. Inspect the area directly underneath each eyelet to prevent damage from the self-tapping screws.
6. Use the mounting plate eyelets as guides, drill two pilot holes.
7. Secure the device to the mounting surface using the two 5/16" (8mm) self-tapping screws.



## 4. Verify the installation.

To activate your device, with your registration card in hand, use the GPS Insight [Verification App](#) via smart phone ([iOS](#)/[Android](#)). If you have any verification questions, please call 480-508-7478.

*Be sure to use the same logic in step 1 removing the serial number prefix when entering the serial number into the App.*