



Asset Guard PW
INSTALLATION GUIDE

Table of Contents

GETTING STARTED	2
HARDWARE MOUNTING	3
DEVICE CONNECTIONS	4

GETTING STARTED

Asset Guard PW Overview

- The Verizon Networkfleet Asset Guard PW provides reliable tracking for fixed and movable fleet assets such as trailers, containers/pods, generators, heavy duty equipment, and more.

Registration & Activation Notes

- Fill out the enclosed registration form for your records **before** starting physical installation. Be sure to record the Asset Guard Unit serial number (MSN) along with the label or serial number used to identify the piece of equipment being managed.

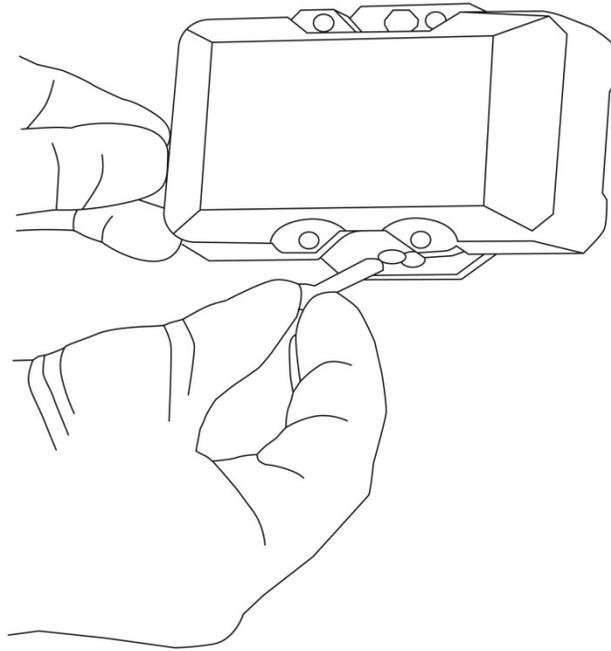
Installation and Verification Notes

- Select an installation location where Asset Guard PW can be mounted securely and will not be damaged during normal use of the equipment.
- Perform installation per the guidelines described in this document.
- Call Networkfleet Customer Care to verify successful installation at 1-877-227-7323 opt. 5 (provided on the device registration card).

HARDWARE MOUNTING

Fill out the enclosed registration form for your records **before** starting physical installation. Be sure to record the Asset Guard Unit serial number (MSN) along with the label or serial number used to identify the piece of equipment being managed.

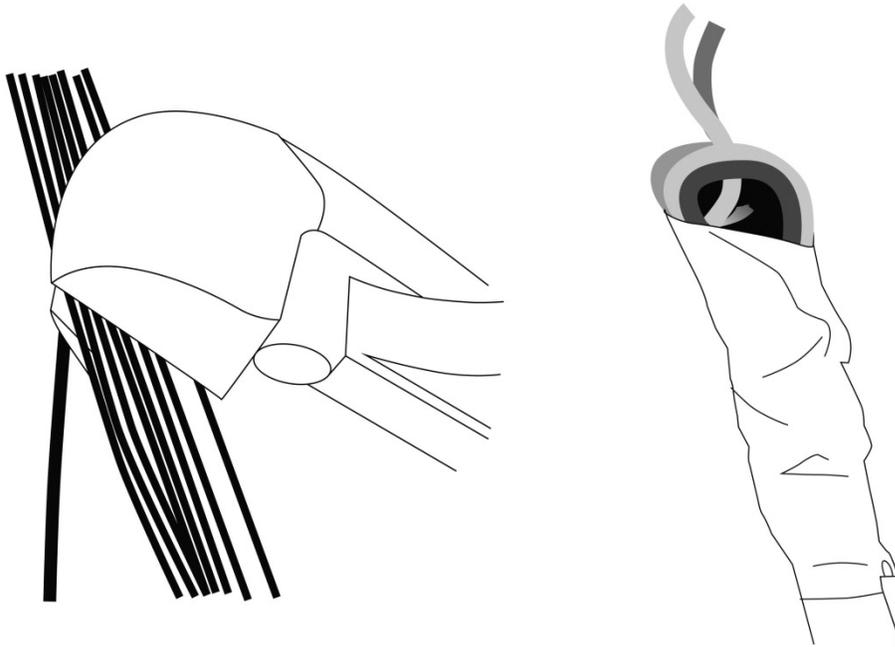
1. Select a mounting location where the Asset Guard PW has a clear view of the horizon and will not be damaged by normal operation of the equipment.
2. Verify there is nothing that will be damaged on the back side of where you intend to place the Asset Guard device by drilling holes.
3. Use the device mounting flanges as a template and mark the location where each bolt will be inserted.
4. At each marked location, pre-drill the mounting holes.
5. Slide a flat washer onto each bolt then insert the bolts through the Asset Guard PW mounting flanges. Make sure the flat washer is between the bolt head and the plastic mounting flange.
6. Screw the self-locking nut onto the threads and tighten the assembly using a 5/16" socket wrench on the bolt head and 3/8" socket wrench on the nut. **NOTE:** If the asset to be managed creates substantial vibrations during operation you should also apply blue thread locker to the neck of the mounting bolts



DEVICE CONNECTIONS

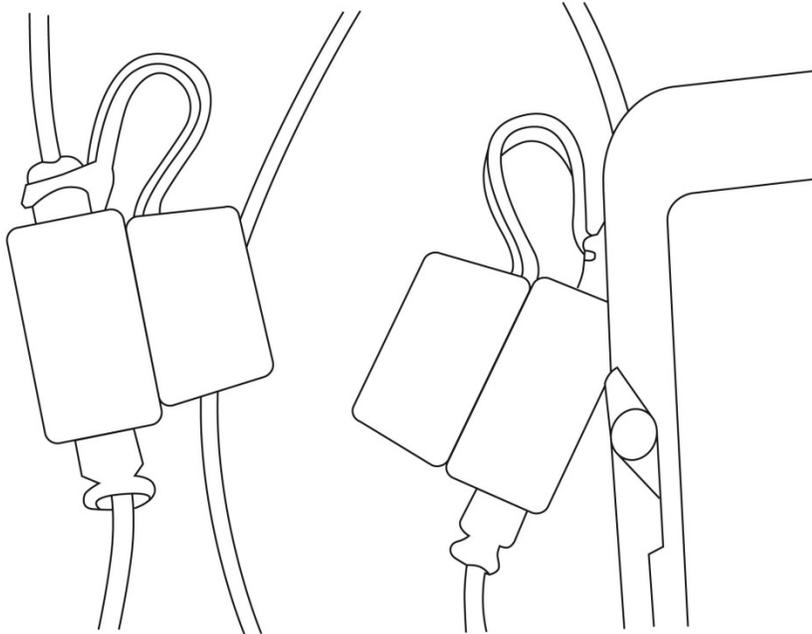
Route the power cable using an existing pass through whenever possible. If there is no existing pass-through and you must drill one, then you must also use a grommet.

1. Route the power cable.
2. Separate the red, white and black cables from the rest of the wiring pack.
3. Stagger cut the remaining wires at a 45 degree angle and use electrical tape to secure them to the cable sleeve. Be certain not to leave any exposed or touching wires.



4. The device is shipped in Hibernation mode and the internal rechargeable battery is not fully charged prior to shipment. To get the unit out of Hibernation mode, connect the red and black wires to an external power source. At this point, it is also recommended to charge the battery to its full capacity, which takes approximately 4 hours.
5. Install the **red wire** using a heat shrink ring terminal or butt connector, and connect it to a **constant power +12/24** volt battery source.

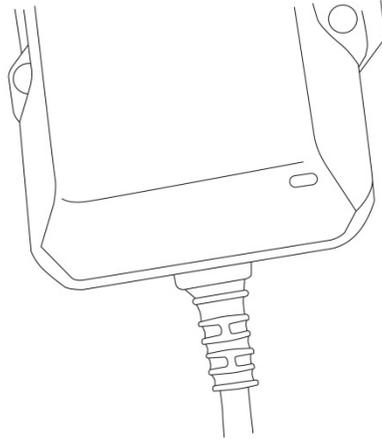
6. Install the **white wire** (ignition line) using a heat shrink ring terminal or butt connector and connect it to a **switched power** source of at least 13.1 volts.
 - a. The voltage threshold for ignition detection is 2 Volts. If the ignition line is installed, please call Customer Care to verify it is properly installed. Functionality using the ignition line will be released in the future, but the installation can be verified at this time.
7. Install the **black wire** using a heat shrink ring terminal to directly connect it to the negative battery post or by using a self-tapping screw to **create an isolated chassis ground**.
8. Verify 5amp fuses are in the red and white wire fuse holders.



9. Verify the cellular connection and GPS fix using the following light descriptions:

Orange LED status	Condition
Off	Modem is Off
Blinking	Searching for Connection
Solid	Connected

Green LED status	Condition
Off	GPS is Off
Blinking	Searching for GPS fix
Solid	GPS fix



10. Call Networkfleet Customer Care at (866) 227-7323 to verify successful installation.