

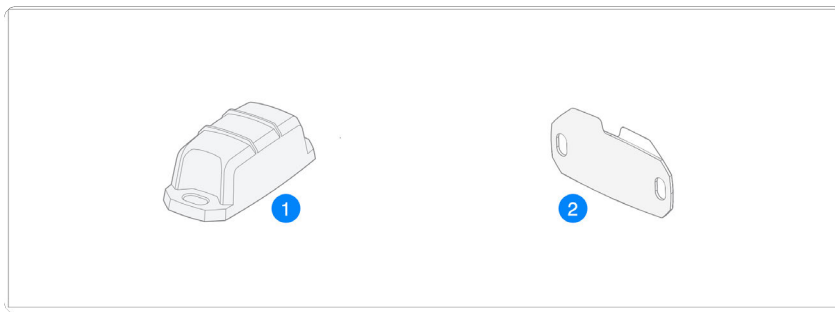


AT11 Asset Tag Installation Guide

Updated May 1, 2025 at 1:03 PM

Use this guide to install the Samsara AT11 Asset Tag.

What's Included



1

(1) Asset Tag

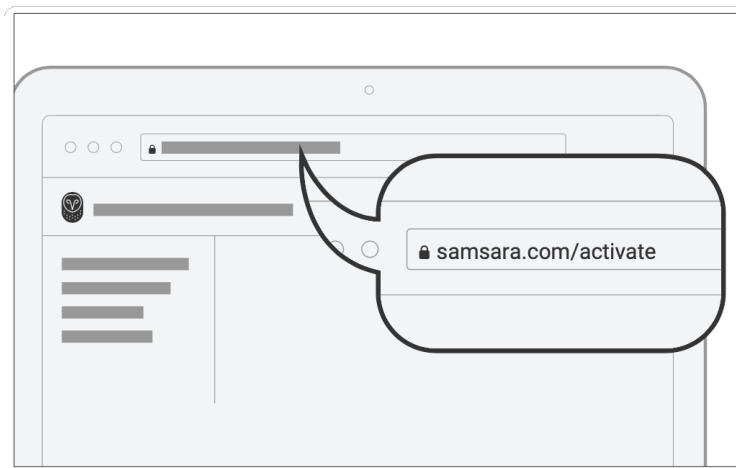
2

(1) VHB Adhesive

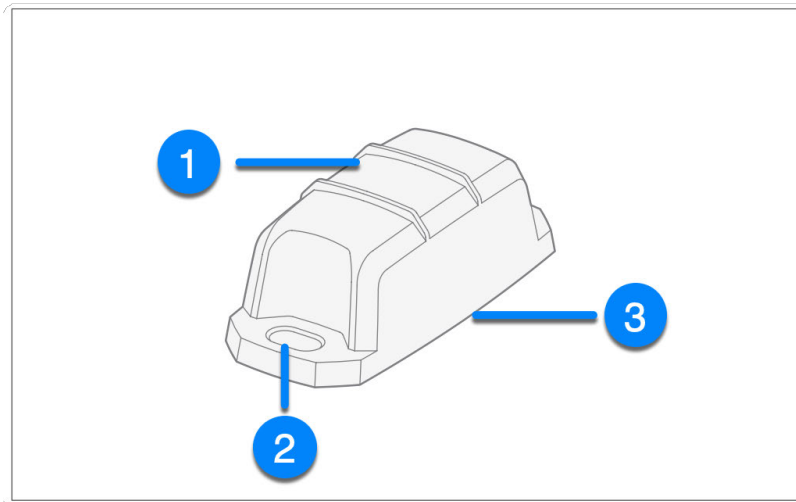
Install the AT11

1. If you have not already done so, activate the device in the Samsara dashboard using one of the following methods:

- Go to <https://cloud.samsara.com/activate> or click the link in your **Order Shipped** email.



- Activate your AT11 with the Samsara Fleet App (see Streamline Hardware Installation with the Samsara Fleet App).
2. Mount your device.
Refer to the AT11 Asset Tag Placement Best Practices and choose your desired installation method:



1

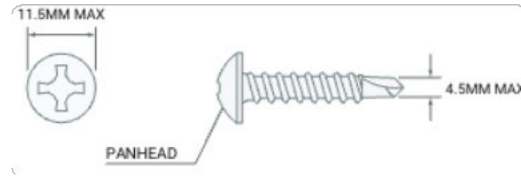
Zip-tie or hose clamp: Use the slot across the top of the device for a zip tie, lock wire, band, or hose clamp to secure the device to any small or round surfaces.

2

Screws or bolts: To avoid damaging the device mounting tabs, tighten the screws with a maximum torque of no more than 1.4 Nm (12.4 lbf-in) and no larger than indicated below:

Maximum screw size:

- Shank diameter: 4.5 mm
- Head diameter: 11.5 mm



3

Adhesive: Use the provided VHB adhesive or epoxy for permanent attachment of the device (bottom face). For simplified installation, the adhesive can be used to position the device, complementing other mounting techniques.

3. Track your AT11 in the Samsara dashboard.

AT11 Asset Tag Placement Best Practices

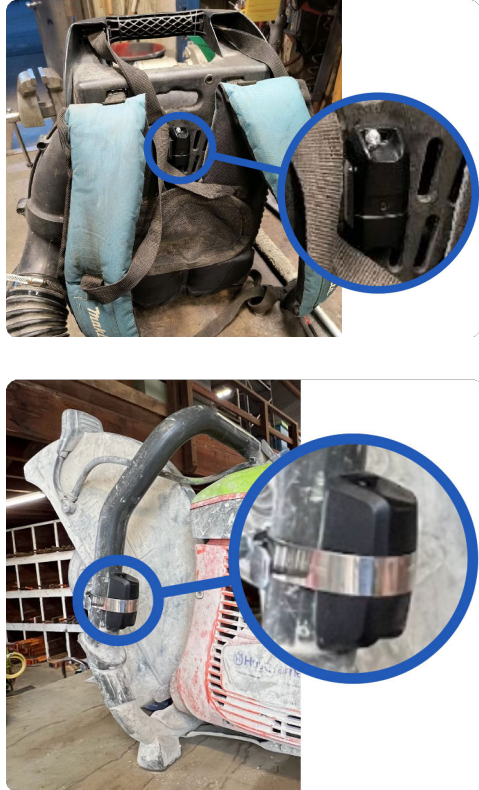
For best results when tracking your devices with the AT11, observe the following topics and best practices for device placement:

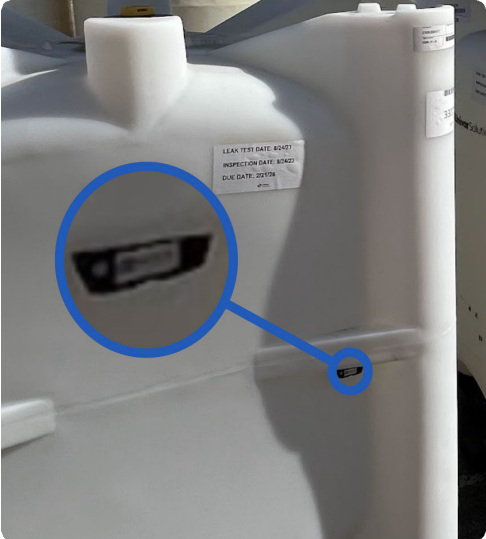
- **Samsara network:** The detection rate and location accuracy are affected by the Samsara network density in the AT11 usage area. If possible, test the device for suitability in the desired location prior to purchase.
- **Gateway and AT11 proximity:** Ensure that both the AT11 and the associated gateways are positioned for maximum coverage and detection. For the best location accuracy and geofence alert responsiveness, ensure the AT11 is positioned within 100 yards (91 meters) of a VG or AG. To determine the optimal configuration for your placement scenario, use the following table:

Gateway and AT11 Placement	Estimated Range	Recommended Gateway
Clear line of sight	1000 ft (305 m)	AG or VG
Within an enclosure, such as within a metal van, trailer, container, or cabinet	300 ft (91 m)	VG

- Best placement by asset type:** To minimize the risk of theft while ensuring sufficient range, follow these best practices for placement based on your asset type:

Asset Type	Install Tip	Example Photo
Equipment Panels	Mount to an access panel or removable section of an enclosure	

Asset Type	Install Tip	Example Photo
Construction Equipment	- Mount to handles, bars, or round surfaces using a band or hose clamp through the 1/2-inch slot on the top of the AT. - Drill holes in the metal plate to mount the AT to the equipment using bolts. - If the equipment has a plastic housing or panel and it is not feasible to hide the AT11 inside the equipment, you may be able to use screws to fasten the device to the outside of the equipment.	
Trailers	- For trailers that already have a compatible AG or VG installed, attach the AT as a supplementary tracker. - To enable the relevant workflows, assign the Trailer asset type using the Fleet App during installation or the Samsara dashboard after installation. - Conceal the AT11 by placing it inside compartments or panels, or mount it to the trailer body in a discreet location.	
Tool Cases	- Install the AT under a foam insert or another part of the case to prevent theft. - Installing the AT11 inside metal containers will reduce its observable range. However, typically the device can still be detected by a VG installed in the vehicle carrying the case.	

Asset Type	Install Tip	Example Photo
Supplementary Tracker	- For vehicles that already have a compatible AG or VG installed, attach the AT as a supplementary tracker. - Mount the AT directly to the frame in a discreet location.	
Containers	- Apply to any flat surface using VHB, epoxy, or screws to track containers, such as totes, carts, or bins. - Choose a location that will not be affected by impact or interfere with operations.	

Important Safety and Use Information

This installation guide contains typical information specific to products manufactured at the time of its publication. The contents of this guide do not constitute a warranty and are for reference only. Consult applicable local laws and ordinances to determine any installation restrictions. It is the installer's responsibility to comply with all applicable laws and ordinances when installing this hardware.

Do not attempt to repair this product, use any third party replacement parts with this product, or otherwise modify this product except in accordance with product manuals or as otherwise instructed by Samsara. Failure to do so may cause property damage, lead to physical injury, or void your product warranty.

Any installation not in accordance with the instructions in the installation guide or otherwise in the Documentation or use of this product other than as described by the relevant IP rating or recommended operating conditions may result in unexpected downtime, system failure, physical injury or property damage, including water damage. Failure to follow these directions could result in serious injury or death.

This hardware and any associated software may not be compatible with third party products and/or services and may interfere with the operations of or void warranties for such third party products and/or services.

Installation shall be limited to locations where the device does not come into contact with the human body. A minimum separation distance of 10 mm from the body must be maintained during normal operation.

Do not install or adjust hardware while driving or operating the vehicle. Do not install this hardware in a location that could interfere with the driver's visibility or operation of vehicle controls. Do not install this hardware on or near airbag panels or within the working range of an airbag.

Do not install this hardware on or near flammable or otherwise hazardous materials. Batteries in the hardware may present a potential fire, explosion, or burn hazard or have a shorter life span if not used in accordance with instructions. Do not recharge, short circuit, crush, disassemble, heat above 60°C (140°F), incinerate, or expose the battery or its contents to water. Check with your local solid waste management authority for proper disposal and recycling options.

This product includes capacitors, which may present a potential fire, explosion, electric shock, or burn hazard. Do not touch or come into close proximity to any capacitors within this hardware. Do not use if seal appears damaged. Hardware may sustain water damage if the seal is damaged.

Keep this hardware between -40°C and 60°C (-40°F and 140°F). Failure to keep this hardware in the specified temperature range may result in safety risks.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement:

- To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
- To comply with RSS 102 RF exposure compliance requirements, this equipment should be installed and operated, keeping the radiator at least 20cm or more away from the person's body.



This symbol on the product(s) and / or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery, and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial.
2. Este equipo o dispositivo debe aceptar cualquier interferencia. Incluyendo la que pueda causar su operación no deseada

IFT: SASAAT24-21623

AT11X Hazardous Location Certification

Class I, Division 1, Groups A-D, T4

Class I, Zone 0 AEx ia IIC T4 Ga

Ex ia IIC T4 Ga

-40°C ≤ Tamb ≤ +60°C



II 3 G Ex ic IIC T4 Gc

Warning! Only use Panasonic-CR-2/3AZ

Warning: Potential electrostatic charging hazard, refer instruction manual for more information.

Warning: Equipment batteries are not intended to be changed.

Avertissement: Utilisez uniquement Panasonic-CR-2/3AZ

Avertissement: Risque de décharge électrostatique, voir les instructions pour plus d'informations

Avertissement: Les piles de l'équipement ne sont pas destinées à être remplacées

Warning: An appropriate mounting screw's material required: The material shall be less than 10% in total of aluminum, magnesium, titanium and zirconium, with no more than 7.5% in total of magnesium, titanium and zirconium.



Intertek
5033265

Conforms To UL STD 60079-0, 60079-11, 913 & 62368-1

Certified To CSA STD C22.2#60079-0, 60079-11 & 62368-1

Explosive atmospheres - Part 0: Equipment - General requirements [EN IEC 60079-0:2018]

Explosive Atmospheres - Part 11: Equipment Protection By Intrinsic Safety "i" [EN 60079-11:2012]

Rev A | 2025-04-10