

## Required Tools:

Cordless Drill  
3/16" Drill Bit  
9/64" Drill Bit  
Magnetic Apex Driver Bit - 5/16"  
3/8" Open-End Wrench  
5/16" Socket – 1/4" drive

Ratchet - 1/4" drive  
Scratch Awl  
Sharpie Pen  
Rust Preventative Spray Paint (black or primer color)  
Loctite (Optional)  
Acetone (Optional)

## Install Method #1:

1. Record ESN and MSN-D from device label and customer's defined trailer number. (Fig.1)
2. Select a device mounting location on the trailer top rail. (Fig.2)
3. Place the mounting flanges against the trailer's top rail so that round battery access panel is on the left.
4. Using the device mounting flanges as a template, mark the location for each of the mounting screws (4) onto the trailer's top rail.
5. At each marked location, drill a 9/64" hole.
6. Install the four (4) mounting screws through the mounting flanges and into the trailer's top rail.
7. Tighten the screws.
8. Remove activation magnet from front of device enclosure in order to activate device reporting.

## Intstall Method #2:

1. Record ESN and MSN-D from device label and customer's defined trailer number. (Fig.1)
2. Select a cross member located approximately half way between front and rear of trailer. Cross member must be in front of and clear of tandem axle slide rails.
3. At center of selected cross member, choose mounting location for device. (Fig.3)
4. Using the device mounting flanges as a template, mark the location for each of the four (4) mounting screws on the trailer cross member. (Fig.4)

Fig.1

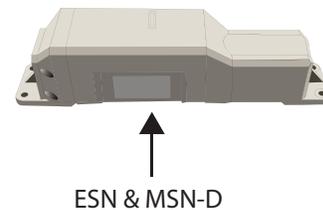


Fig.2

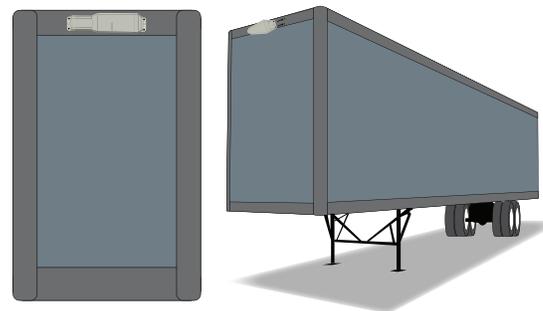


Fig.3

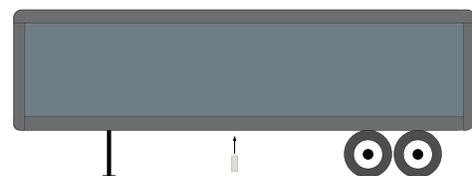
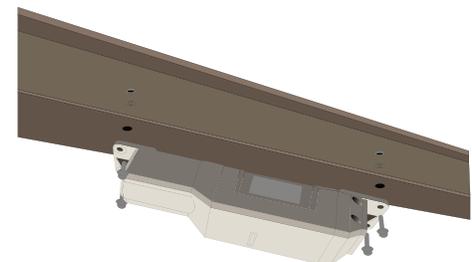


Fig.4



## Install Method #2 Continued:

6. Deburr hole and remove metal shavings from cross member surfaces.
7. Paint all exposed metal surfaces in and around holes with a rust preventative paint. Allow paint to dry 10 minutes.
8. Mount device on cross member using screws (4), flat washers (4) and self-locking nuts (4). Ensure flat washer is between screw head and plastic device housing.
9. Tighten each screw using 5/16" socket, ratchet and 3/8" open-end wrench.
10. Remove magnet from front of device enclosure to activate device reporting.

## Install Method #3:

Optional Installation with Magnet and Lanyard kit:

1. Record ESN and MSN-D from device label and customer's trailer number.(Fig.1)
2. Apply blue Loctite to threaded link threads.
3. Tighten threaded link with two Crescent wrenches.(Fig.5)
4. Identify Mounting Location (Fig.6)
  - a. Facing Up, or
  - b. Facing Down
    - i.Ensure no damage when stacking or operating chassis.

**CAUTION: Device must be mounted facing up or down for optimum GPS reception and accuracy.**

5. Clean mounting surface where magnets will contact frame member.
  - a. For dirt and grease use acetone.
  - b. For rust or loose paint use a wire brush and acetone.
6. Mount device and ensure all four (4) magnets are engaged.

## Install Method #3 Continued:

- 7.If required, drill 1/4" hole in frame member and pass lanyard through; otherwise, loop lanyard around the frame member.
8. If required, deburr hole and remove metal shavings from cross member surfaces.
9. Paint all exposed metal surfaces in and around holes with a rust preventative paint. Allow paint to dry 10 minutes.
10. Feed threaded link through lanyard loops and lanyard clip.

Fig.5

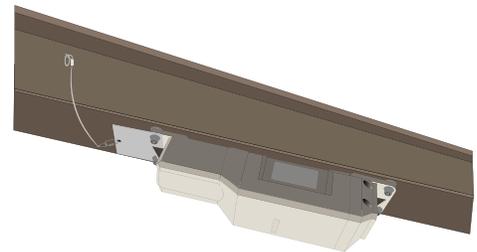
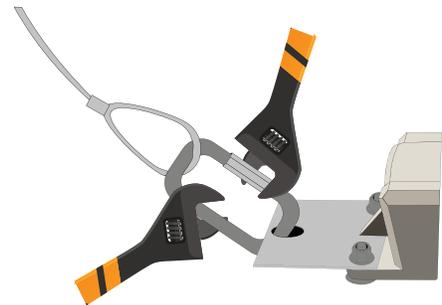
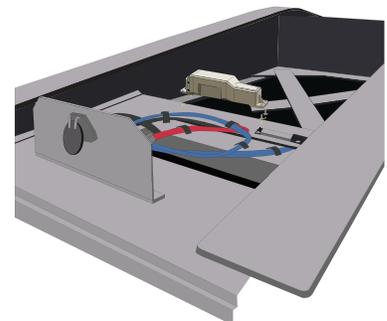


Fig.6



## IMPORTANT

Retain the activation magnet - in order to disable reporting upon de-installation of device.

## IMPORTANT

Before leaving or allowing the installer to leave, all vehicles should validate the First Time Power Up Report Notification functionality on the MiFleet platform.

If the Platform does not report/show the Power Up Notification please have the installer verify the removal of the Magnet and/or proceed to call MiFleet support for questions and troubleshoot.

### **Safety**

The Safety chapter contains safety information related to the MiFleet Dots on map system.

#### Personal Protective Equipment

Federal regulations require wearing appropriate Personal Protective Equipment (PPE). Adherence to this requirement is monitored and mandated by 's Environmental Health and Safety (EHS) personnel and regulated and mandated by the U.S. Department of Labor Occupational Safety and Health Administration (OSHA). PPE at a minimum, consists of:

- Safety glasses with side shield, meeting the ANSI Z87.1 standards
- Safety shoes, meeting ASTM F2413-05 and ANSI Z41/C75 standards
- Mechanics type work gloves (that is, gloves that are appropriate for the task to be completed)
- Hard hat, meeting ANSI Z89.1 - Class A, B, and C standards
- High visibility vest, meeting ANSI 107 standards
- Work uniform

Refer to specific instructions within procedures and all applicable MSDS for additional safety precautions. Check with customers or third-parties to verify whether they have additional PPE requirements such as fall protection (full-body harnesses, anchorage point and lanyard), hearing protection, escape oxygen masks, respiratory protection, flame resistant coveralls, etc.

### **Secure/ Stabilize Equipment**

Installers and contractors must follow OSHA regulatory requirements for working on equipment, or parts thereof, which are suspended or held aloft by use of slings, hoists, or jacks.

Whenever the equipment is parked, the parking brake shall be set. Equipment parked on inclines shall have the wheels chocked and the parking brake set.

Equipment, or parts thereof, which are suspended or held aloft by use of slings, hoists, or jacks shall be substantially blocked or cribbed to prevent falling or shifting before employees are permitted to work under or between them.

### **Working on Elevated Surfaces**

Installers and contractors must follow OSHA regulatory requirements for working on elevated surfaces. When installers are on the tops or roofs of equipment, they must employ a fall protection system consistent with OSHA regulations.

Installers must also check with the customer or third-party persons, who are in charge of safety at the installation site, for any further requirements.