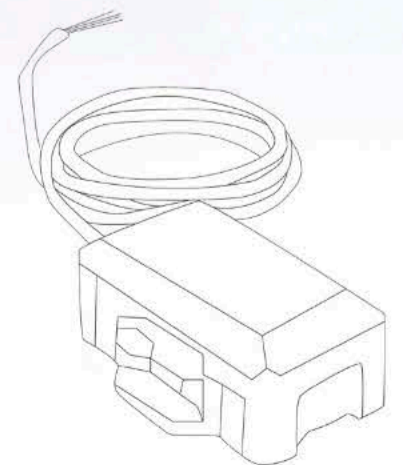




FLEET HOSTER



FLEET HOSTER INSTALLATION GUIDE SERIES THIS IS THE SENSOR LOAD KIT.

Learn how to install your device with this installation guide



Prior to the installation process, thoroughly review and adhere to the following items:

- This Installation Guide
- Use only a Digital or Analog Volt Meter - DO NOT USE TEST LIGHT!
- Check for possible installation locations for the GPS unit prior to permanent installation.
- ALWAYS LOOK BEFORE DRILLING. Make sure that the installation process does not cause damage to any vehicle hose, electrical loom, or to any part of the vehicle.
- Make note of the unit serial number prior to installation.
- Prior to working on any part of the dashboard (instrument cluster, center console, glove box, etc.), remove the negative and positive terminal from the battery to deactivate the sensors for the airbags.
- DO NOT place objects, including communication equipment, in the area over the airbag or near the airbag deployment area.
- Refer to the Owner's Manual and to a Shop Manual of the vehicle for specific information related to the electrical wiring, interior disassembly, and any other mechanical aspects of the vehicle.
- Removal of any fuses voids product warranty and may result in damage to product.

Profession Installation Recommended

INSTALLING AND MOUNTING THE KIT

The GPS unit will work best if it has a clear view of the sky and as much of the horizon as possible with no metal between it and the sky. Any metallic objects between the GPS unit and the satellites will degrade the signal and reduce the overall performance. For best signal acquisition, the roof of the trailer is the recommended mounting position. (This will require extending the wires on the unit to reach your trailer wiring socket or refer unit battery harness). For refrigerated trailers the device can be mounted inside the refer shroud and you can use the refer units battery for the external power source.

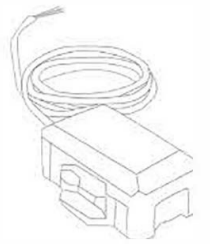
WARNING Any metal structure can affect the accuracy of the GPS signals and prevent normal operation. Location of the GPS unit is critical to the operation.

The GPS unit can be installed on any type of vehicle. The unit should be mounted so it will not be exposed to damage from people or objects. The GPS unit has tabs for mounting screws or you can use epoxy or double sided tape to attach the unit to your trailer.



INCLUDED WITH EACH KIT

1. Asset Tracker
2. Mounting Screws
3. Laser Sensor and Mount

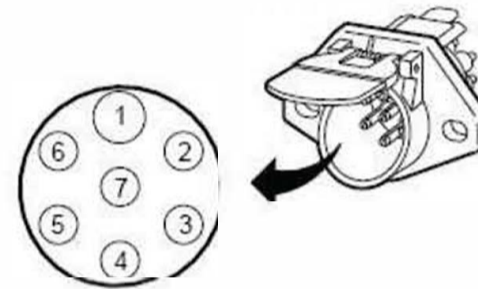


Sae J560 and J1067 Wiring Circuits

Note: Trailer trackers are shipped with NO charge on the internal battery. The trailer must be attached to a truck for it to be powered; it takes 24-48 hours to completely charge the internal battery.

Note: It is imperative that the unit's wiring is connected to pins that will be powered by ALL trucks in your fleet. Use a multimeter to check the connection coming from your trucks to verify how your trucks are wired. If a large percentage of your trucks do not provide power to the auxiliary power pin (7) you may consider wiring the units to the marker lights. (Under this scenario the device will ONLY receive external power when the lights are on. If you use this method, we strongly recommend you have your drivers always drive with their lights on.)

| Terminal | Color | Lamp and Signal Circuits |
|----------|--------|-----------------------------------|
| 1 | White | Ground return to towing vehicle |
| 2 | Black | Clearance, side marker, |
| 3 | Yellow | Left turn signal and hazard lamps |
| 4 | Red | Stop lamps and antilock devices |
| 5 | Green | Right turn signal |
| 6 | Brown | Tail and license plate lamps |
| 7 | Blue | Auxiliary |



WARNING: IT IS IMPORTANT THAT ALL WIRING CONNECTIONS ARE SECURE AND WATERTIGHT FOR RELIABLE OPERATION OF THE UNIT.

Prior to the initial powering of the unit, move the vehicle outside, so that the GPS receiver can receive signals from the GPS satellites.

Upon initial power-up of the Asset Tracker the LEDs start flashing on the side of the unit to determine if the unit is powered on. If the LED is not flashing after 60seconds, check the power connections.

The statuses of the LED's are below

- WHITE = DATA
- BLACK= GROUND
- BLUE = ENABLE
- RED = OUT

STATUS LED DEFINITIONS

| Orange LED Status Cellular Communications | Green LED Status GPS Communications |
|--|--|
| Blinking - Tracker on, searching for wireless signal | Blinking - GPS on, searching for satellite signal |
| Patterned Blinking - Signal acquired, unit trying to establish connection to the communication server | |
| Solid - 2-way communication link with the communication server established | Solid - GPS lock established |
| | |



| Symptom | Cause |
|-------------------------------------|--|
| Unit Does Not Power-up | <p>Power is not connected to the unit. With a Digital Volt Meter, measure the voltage at the input to the unit. A positive voltage should be measured on the + terminal of the unit when measuring between the + terminal and the - terminal or chassis ground. This voltage should also measure 12 VDC. Correct the wiring to assure the correct polarity and the correct voltage level. Check fuse.</p> <p>Bad Ground connection. Make sure the ground is connected directly to metal with no paint or residue. Use a Digital Multimeter to test continuity to ground to ensure good connection.</p> |
| Unit Does Not Find Cellular Service | <p>The unit is not receiving the local cellular system. The main cause of this is poor signal strength due to shielding or coverage. Make sure the GSM (Orange) light is solid, move the unit outside the building and or outside of vehicle if necessary and re-apply power to the unit. Move vehicle to acquire better signal if necessary. Contact tech support if problem persists.</p> |
| Unit Does Not Receive a GPS Signal | <p>The GPS receiver is unable to lock into the satellites or receive signal. Make sure GPS (Green) light is solid if not, make sure that the unit's label is facing skyward and that there is no metal between it and the sky including but not limited to the roof of the vehicle and any dash bracing. If it is, the move the vehicle outside of or away from any building/garage to allow the internal GPS antenna in the unit to have a clear view of the sky. You may need to power the unit outside of the vehicle as some vehicles may have metallic or leaded windshields. Contact tech support if problem persists.</p> |



Overview

Introducing the newest innovation in container transport, the Smart Load Sensing Kit! This allows you to see if, when, and where a container is loaded onto or unloaded from a chassis. The sensor kit utilizes a powered laser and infrared technology to pick up any sized container loaded onto the chassis.

The Asset Tracker is attached to the chassis and wired into the taillight harness so that the battery is automatically recharged when a truck connects to the chassis. Simply mount sensor along rear half of the chassis at a 45-de-gree angle and connect it to the asset tracker.

Mounting Guide

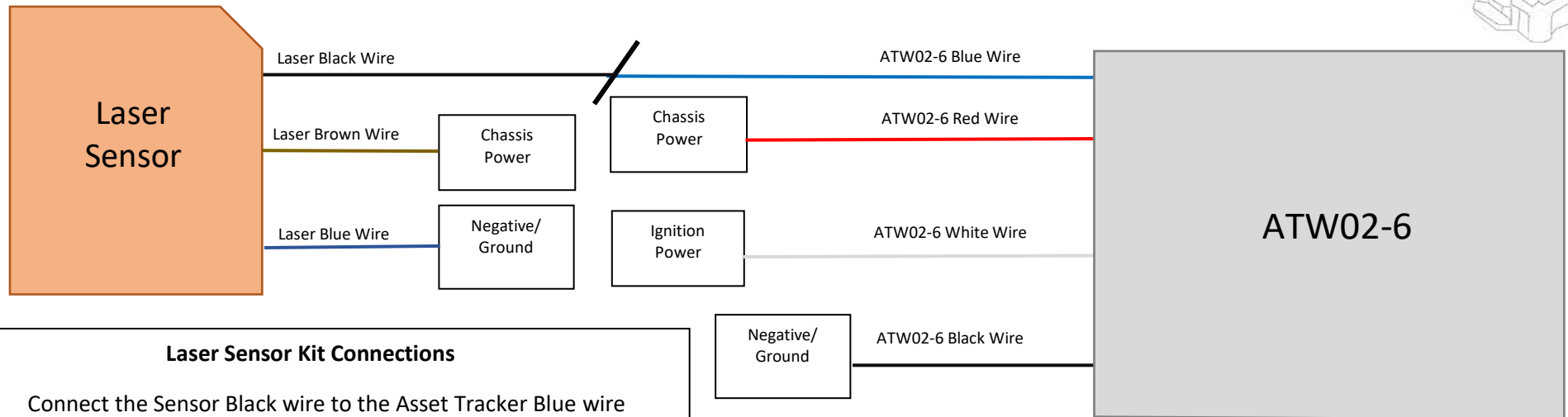
The sensor must be installed around a 45-degree angle to shield itself from weather and debris. Be sure to keep sensor clear and clean of any potential debris or objects that would cause the sensor to not effectively sense the container.

The sensor is weatherproof and meant to withstand pressure washdowns up to 1200psi. Mounting the sensor at a 45-degree angle is necessary for correct operation of the device.

The sensor can detect an object from approximately one foot away from the lens. Mount the sensor near the top of the chassis where it will not be damaged, but effectively read the chamber. If mounted midway, the sensor will be able to work on a 10' container or 16' container.

Sensor Wiring and Specs

Connect the Sensor Black wire to the Asset Tracker Blue wire
Connect the Sensor Brown wire to the chassis Power wire
Connect the Sensor Blue wire to the negative/ground



- Laser Sensor Kit Connections**
- Connect the Sensor Black wire to the Asset Tracker Blue wire
 - Connect the Sensor Brown wire to the Chassis Power wire
 - Connect the Sensor Blue wire to the negative/ground
 - Connect the Asset Tracker Black wire to negative/ground
 - Connect the Asset Tracker White wire to Ignition Power
 - Connect the Asset Tracker Red wire to the Chassis Power wire

Examples of Previous Installs:

