

**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), at washers (4) and self-locking nuts (4). Ensure at 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*

**2. Apply** blue Loctite to threaded link threads.

**3. Tighten** threaded link with two Crescent wrenches.

**4. Identify** mounting location

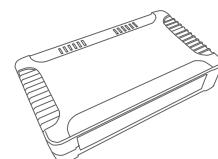
- Facing Up
  - Facing Down
- Ensure no damage when stacking or operating chassis.

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



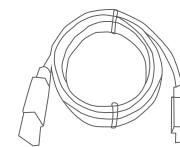
## SM & LG Fleet AK11

### What's Included:



AK11 Device

+



Proper Vehicle Cable

## Device Installation:

### Special Note:

Depending on the type of vehicle you have and cable setup you require will depend on how to install this device.

### Light Duty OBDII Port:

1. Locate the vehicles OBD diagnostic port, this is usually located on the driver's side of the vehicle under the dash, hidden behind a cover plate, or on the side of a center console.

*\*Some foreign/ luxury vehicles such as Toyota, Honda, BMW, etc .. may have a slightly different variation of the standard OBDII plug and/or have the plug hidden in a nonstandard location. If you have a foreign vehicle, and cannot locate your OBD port, please consult your user manual or local dealership to help locate it.*

2. Once the OBDII diagnostic port has been located, plug the MiFleet hardware into the 08011 port.

### Hardwire Installation:

1. **Locate** your vehicle's unswitched 12V/24V power line, ignition sense (greater than 6V) and ground line. Verify that the ignition sense exceeds 6 volts when on.

**\*For best results, it is strongly recommended that the Device connection be on its own circuit. If possible, connect the power input directly to the vehicle battery and protect the circuit with an inline fuse. If you must connect through the fuse box, use standard commercial wiring practices to create a permanent installation rather than using press-in fuse clips or other temporary measures.**

2. **Connect** black wire to vehicle's ground line.

*\*Must be connected to chassis ground.*

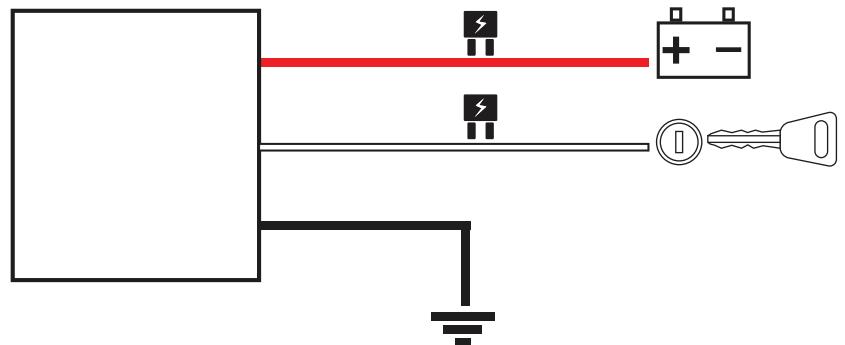
3. **Connect** red wire to vehicle's primary power source.

*\*Must be connected to a constant (unswitched) +12 VDC or +24 VDC supply. The preferred method is to connect directly to the vehicle battery terminal line.*

4. **Connect** yellow wire to vehicle's ignition line.

*\*The ignition line must be connected to the vehicle ignition or another appropriate key operated line, such as ACCESSORY, ensuring that power to the ignition wire is available only when the vehicle ignition is on.*

### Wire Connection Diagram:



*Failure to connect these lines as described may result in discharge of the vehicle battery.*

### Heavy Duty Installation:

#### Install Method #1:

1. **Select** a device mounting location on the trailer top rail. (Fig. 1)



2. At center of selected cross member, **choose** mounting location for device.

3. **Using** the device mounting flanges as a template, **mark** the location for each mounting screw (4) on the trailer cross member.

4. Place **Device** on surface in vehicle ensuring that top of device (MiFleet logo side) faces the sky.

5. Allow vehicle to **run for 15 minutes** to allow for data to **register** on **MiFleet Portal**.

*Continued on back*