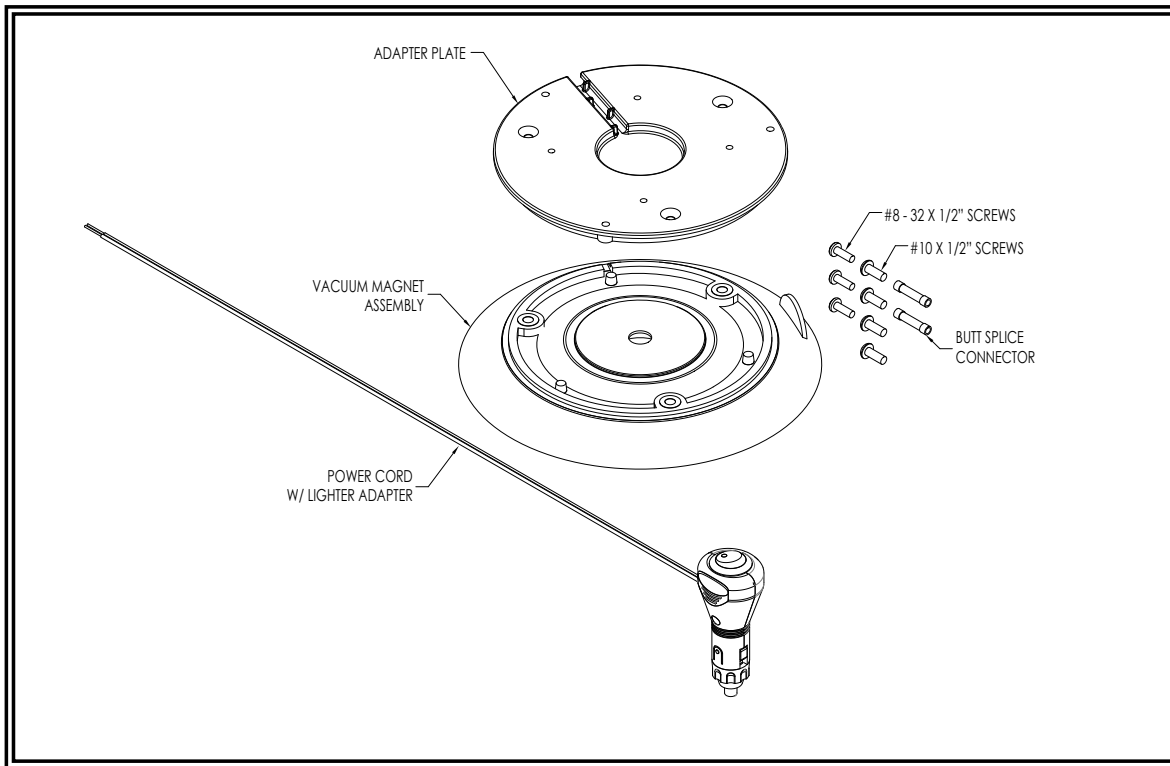




# Installation Instructions

## MKS4000 Vacuum Magnet Mount Kit



**IMPORTANT!** Read all instructions before installing and using. Installer: This manual must be delivered to the end user.

### **WARNING!**

Failure to install or use this product according to manufacturer's recommendations may result in property damage, serious bodily/personal injury, and/or death to you and those you are seeking to protect!




**Do not install and/or operate this safety product unless you have read and understand the safety information contained in this manual.**

1. Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of you and those you are trying to protect.
2. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation are vital to the performance of this warning device. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that s/he can operate the system without losing eye contact with the roadway.
5. It is the responsibility of the vehicle operator to ensure during use that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles, or other obstructions.
6. The use of this or any other warning device does not ensure all drivers can or will observe or react to a warning signal. Never take the right-of-way for granted. It is your responsibility to be sure you can proceed safely before entering an intersection, driving against traffic, responding at a high rate of speed, walking on or around traffic lanes.
7. This equipment is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding warning signal devices. Therefore, the user should check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

## Specifications:

Mount Material: Rubber suction cup and polycarbonate adapter plate  
Color: Black  
Dimension: 8.0" diameter; 1.0" height  
Magnets: 1 - ceramic "ring" magnet  
Strength: 100 lb; min. vertical tensile pull strength  
Mount Weight: 1.3 lb  
Mounting: Flange-mount / 3 – #10X1/2" plastic thread cutting screws; J-bolt / 4 – #10X1/2" plastic thread cutting screws.  
Cord: Black; 15 ft. min.; straight  
Wires: Black (Positive) and Black with White Lettering (Negative or Ground)  
Fuse: 15A in-line glass

## MOUNTING:



**WARNING!**  
**Maximum recommended vehicle speed for safe operation using the Vacuum Mount model is 65 mph (104 km/h), when fitted to the center of a vehicle roof of steel construction. Higher speeds could cause the mount to fail, resulting in the minibar flying off of the vehicle, which could cause damage to other vehicles, and injury or death to the passengers.**

The vacuum-magnet mount is not intended as a permanent mounting for the minibar. The vacuum-magnet mount unit must be mounted on a flat smooth magnetic surface (i.e. no fiberglass, ribbed style roofs, etc.). Insure that the magnet is kept clean.

## Flange Mount:

1. Prepare lighter adapter cord for safety light product wires with wire stripper. Disconnect beacon power and wait five (5) minutes. Join safety light product wires to cord with butt splices and crimping pliers. Connect positive (red) lighter adapter wire to positive safety light product wire. Connect negative (black) lighter adapter wire to negative safety light product wire. Check safety light product for proper voltage.
2. Stuff butt splice connections into center hole of flange-mount light base. Route lighter adapter cord through strain relief on black plastic adapter plate.
3. Align and place flange-mount light base upon black plastic adapter plate. Ensure three (3) holes in flange-mount light base align with three (3) holes in plate. Ensure lighter adapter cord is routed through strain relief in plate. Attach and tighten flange-mount light base to plate with three (3) plastic thread cutting screws.
4. Place safety light product at appropriate location to provide maximum signal effectiveness. Mounting surface must be a ferrous metal. Mounting surface must be clean and free of debris.
5. Plug lighter adapter cord into vehicle's lighter outlet. Check beacon for proper operation before using vehicle.

## J-Bolt Mount:

1. Prepare lighter adapter cord for safety light product wires with wire stripper. Route cord through center hole in flush/pipe mount adapter. Disconnect beacon power and wait five (5) minutes. Join beacon wires to cord with butt splices and crimping pliers. Connect positive (red) lighter adapter wire to positive safety light product wire. Connect negative (black) lighter adapter wire to negative safety light product wire. Check safety light product for proper voltage.
2. Align and place flush/pipe mount adapter upon black plastic adapter plate. Ensure four (4) holes in adapter align with four (4) holes in plate. Ensure lighter adapter cord is routed through strain relief in plate. Attach and tighten adapter to adapter plate with four (4) plastic thread cutting screws (included).
3. Align and place J-bolt beacon upon flush/pipe mount adapter. Position and align four (4) J-bolt mounting holes in side of safety light product base with four (4) 5/32" adapter mounting holes in adapter. Secure safety light product to adapter and tighten four (4) adapter mount screws (not included; see adapter hardware kit).
4. Place safety light product at appropriate location to provide maximum signal effectiveness. Mounting surface must be a ferrous metal. Mounting surface must be clean and free of debris.
5. Plug lighter adapter cord into vehicle's lighter outlet. Check beacon for proper operation before using vehicle.

## **Manufacturer Limited Warranty and Limitation of Liability:**

Manufacturer warrants that on the date of purchase this product will conform to Manufacturer's specifications for this product (which are available from the Manufacturer upon request), and Manufacturer further warrants that this product is free from defects in materials and workmanship. This Limited Warranty extends for twelve (12) months from the date of purchase. Other warranties may apply, call Manufacturer for details. Manufacturer will, at its discretion, repair or replace any product found by the Manufacturer to be defective and subject to this Limited Warranty.

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