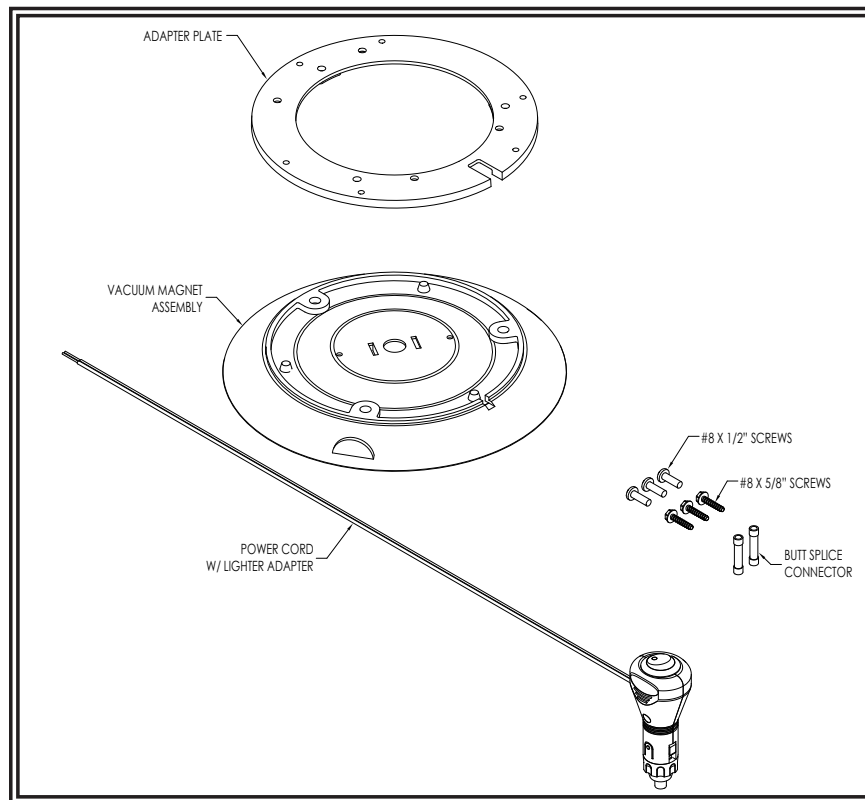




Installation Instructions

A7660VMK 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), on a well maintained road, when fitted to the center of a vehicle roof of steel construction. Higher speeds could cause the mount to fail, resulting in the beacon 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 beacon. The vacuum-magnet mount unit must be mounted on a magnetic surface (i.e. no fiberglass, etc.). Insure that the magnet is kept clean.

Flange Mount:

1. Align and place black plastic adapter plate upon top of vacuum magnet assembly. Ensure three (3) holes in black plastic adapter plate align with three (3) holes in vacuum magnet assembly. Attach and tighten black plastic adapter plate to vacuum magnet assembly with three (3) metal thread cutting screws.
2. Prepare cigarette 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 (black) cigarette adapter wire to positive safety light product wire. Connect negative (black with white lettering) cigarette adapter wire to negative safety light product wire. Check safety light product for proper voltage.
3. Stuff butt splice connections into bottom center area of flange-mount light base. Route cigarette adapter cord through strain relief notch on black plastic adapter plate.
4. 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 cigarette adapter cord is routed through strain relief notch in plate. Attach and tighten flange-mount light base to plate with three (3) plastic thread cutting screws.
5. 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.
6. Plug cigarette adapter cord into vehicle's cigarette outlet. Check beacon for proper operation before using vehicle.

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