



## Installation & Mounting:

**Important! This unit is a safety device, and it must be connected to it's own separate, fused power point to assure it's continued operation should any other electrical accessory fail.**

Carefully remove the beacon and place it on a flat surface. Examine the unit for transit damage, and locate all parts. If damage is found, or parts are missing, contact the Distributor. Do not use damaged or broken parts.



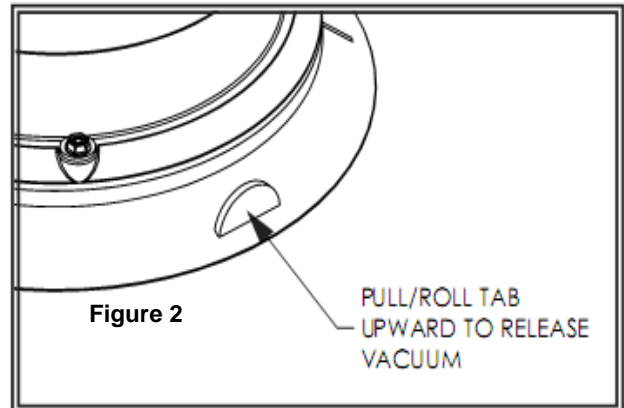
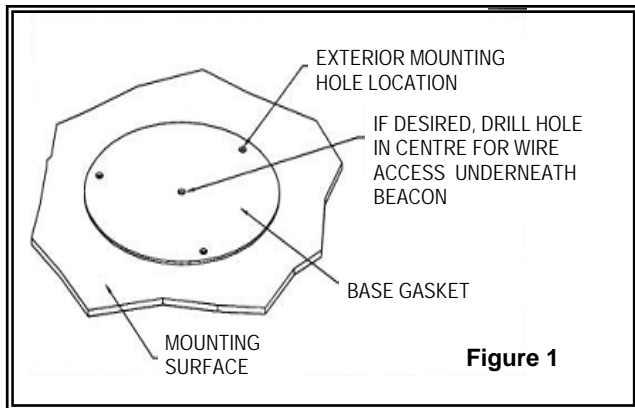
**Caution! When drilling into any vehicle surface, make sure that the area is free from any electrical wires, fuel lines, vehicle upholstery, etc. that could be damaged.**

### Permanent Mounting:

1. Select the desired location on a flat surface for the beacon to be mounted. The visibility of the flash and ease of wiring access should be taken into consideration in the selection of the mounting location.
2. Using the base gasket as a template, mark the three mounting hole locations (see Figure 1).
3. Drill the holes using a 7/32" drill size.
4. A fourth hole may be drilled for wire access as shown in Figure 1, or the wires may be routed through the slot in the base for external access.
5. Connect the power wires as shown in the wiring section (see Figure 3).
6. Mount the beacon with #8 hardware.

### Pipe Mounting:

The base features female 1" NPT threads for pipe mounting the beacon.



### Temporary Mounting, Vacuum-Magnet Mount:

The Vacuum-Magnet Mount feature includes a suction cup on the bottom of the beacon, with a magnet inside of the suction cup, for a secure, temporary mount. The beacon should be placed in the centre of the roof where the least amount of curvature occurs. Before installing, make sure the mounting surface is clean and there is no debris on the bottom of the beacon or on the roof of the vehicle, which could reduce the holding power of the suction cup and magnet. Place and remove the beacon without sliding to avoid scratching the paint on the vehicle. After placement, the beacon should adhere firmly to the surface. If the unit slides or moves easily, a proper installation has not been obtained. To release the vacuum, lift the tab to release the airlock (see Figure 2). To protect the Vacuum-Magnet mount assembly, return beacon to the box when not in use. **Do not attempt to attach the beacon to an ice covered surface.**

**The magnet mount is not recommended for use on a moving vehicle, nor is it intended as a permanent mount for the beacon. Long duration usage of the magnet in the presence of moisture will cause the steel to rust.**

### Temporary Mounting, Magnet Mount:

The Magnet Mount feature includes a magnet on the bottom of the beacon for a secure, temporary mount. The beacon should be placed in the centre of the roof where the least amount of curvature occurs. Before installing, make sure that there is no debris on the bottom of the beacon or on the roof of the vehicle, which could reduce the holding power of the magnet. Place and remove the beacon without sliding to avoid scratching the paint on the vehicle. After placement, the beacon should adhere firmly to the surface. If the unit slides or moves easily, a proper installation has not been obtained. To protect the beacon and magnet mount assembly, return beacon to the box when not in use. **Do not attempt to attach the beacon to an ice covered surface.**



#### **WARNING!**

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



