



# Installation Instructions

## Forward Horn

Made in USA



### WARNING!

Failure to install or use this product according to manufacturers recommendations could result in property damage, serious injury, and/or death.



Do not install and/or operate this safety product unless you have read and understand the safety information contained on this sheet.

### General Information:

This forward horn is designed to project an audible warning sound in hazardous areas. To realize this product's full value, it must be installed in conformance with the instructions provided in this guide. Peoples lives depend on the proper installation of this product and it is necessary for you to read, understand and follow these instructions.

Forward horns are intended for commercial use. Proper installation of a forward horn requires a good understanding of vehicle electrical systems and procedures, along with proficiency in the installation and use of safety warning equipment.

This horn sound may be used to warn that a vehicle is going to move forward, is coming to a corner, etc. Place the horn so it will operate properly under adverse conditions. The location must provide protection from impact and poor weather conditions while allowing unobstructed sound projection to the target hazard area.

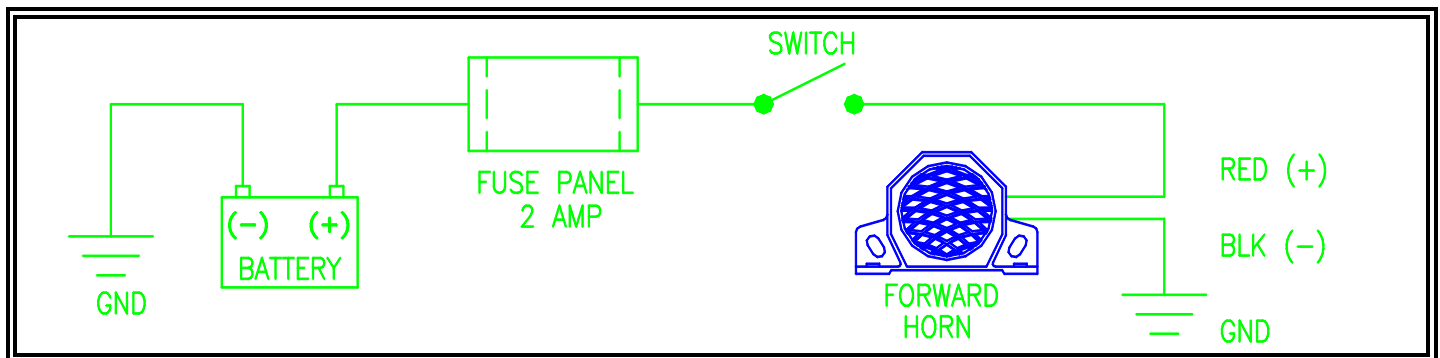
### Mounting:

Mount the horn facing forward, avoiding any obstruction to the sound output face. DO NOT mount the horn with the face oriented directly upward or directly downward. The horn should be mounted approximately four feet above ground level in a protected location to avoid collision damage. When installing the forward horn, be sure to verify that both sides of the mounting surface are clear of anything that could be damaged during installation. Keep the horn clean and check for proper operation daily before use.

### Connections:

Connect the horn to power using fuse and switch as shown in the illustration below. For proper operation please observe correct polarity when hooking up wires. The horn is polarity protected so no damage will occur if wires are accidentally connected backwards. Use 18 gauge wire (minimum). The ground connection on grounded electrical systems MUST be attached to a solid metal body or chassis part that will provide a dependable ground path as long as the device is in use, or directly to the battery negative terminal. Route wire in a protected manner in accordance with vehicle manufacturer recommendations. **DO NOT install the horn or its wiring in proximity to ignition wires. Failure to observe these conditions may have an adverse effect on the horn's performance.** Switches that can be used to activate the horn are available.

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



**NOTE: DO NOT WIRE UP THE HORN FOR BACK-UP WARNING APPLICATIONS.**

## **Vehicle Operations:**

As the operator of a vehicle, you should always know when the horn is sounding and when it is not sounding. Should the horn become inoperative, discontinue vehicle operation and notify your supervisor or team leader. Operating a vehicle with a horn that is not functioning properly could endanger the lives and/or property of those who depend on the horn signal for safety.

## **Maintenance:**

Preventative maintenance procedures must specify a safety system inspection. This check should include a thorough examination of the electrical connections and the sound opening of the horn. The sound opening must be kept clear of dust, mud, or any other foreign material that may prevent the horn from sounding properly. Should this inspection reveal a horn that is not functioning properly, do not operate the vehicle, and immediately notify your supervisor or maintenance personnel.

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