

WHELEN[®] ENGINEERING COMPANY INC.

51 Winthrop Road
 Chester, Connecticut 06412-0684
 Phone: (860) 526-9504
 Fax: (860) 526-4078
 Internet: www.whelen.com
 Sales e-mail: autosale@whelen.com
 Canadian Sales e-mail: autocan@whelen.com
 Customer Service e-mail: custserv@whelen.com

Installation Guide:
Howler™ Siren Speaker Bracket
Model: HWLRB10
2009 Dodge 4500

DANGER! Sirens produce extremely loud emergency warning tones! Exposure to these tones without proper and adequate hearing protection, could cause ear damage and/or hearing loss! The Occupational Safety & Health Administration (www.osha.gov) provides information necessary to determine safe exposure times in Occupational Noise Exposure Section 1910.95. Until you have determined the safe exposure times for your specific application, operators and anyone else in the immediate vicinity should be required to wear an approved hearing protection device. **FAILURE TO FOLLOW THIS RECOMMENDATION COULD CAUSE HEARING LOSS!**

Safety First

This document provides all the necessary information to allow your Whelen product to be properly and safely installed. Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- If mounting this product requires drilling holes, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- If this manual states that this product may be mounted with suction cups, magnets, tape or Velcro®, clean the mounting surface with a 50/50 mix of isopropyl alcohol and water and dry thoroughly.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the **NEGATIVE (-)** battery post.
- If this product uses a remote device to activate or control this product, make sure this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition. **DO NOT ATTEMPT TO ACTIVATE OR CONTROL THIS DEVICE IN A HAZARDOUS DRIVING SITUATION.**
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- **FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

ACTIVATION OF THIS SIREN MAY DAMAGE UNPROTECTED EARS!



CAUTION

Loud siren noise can cause hearing damage and/or loss. Refer to OSHA Section 1910.95 prior to putting ANY siren into service!

For warranty information regarding this product, visit www.whelen.com/warranty

IMPORTANT! READ THESE WARNINGS BEFORE CONTINUING!

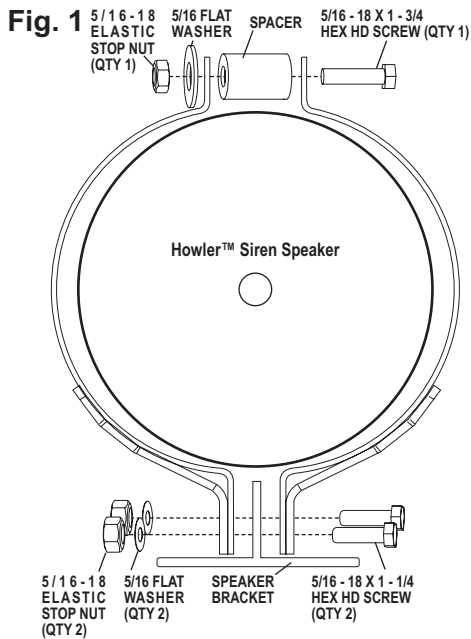
The Howler™ Supplemental Siren was designed for use in high-risk areas such as an intersection. It is not intended to be, nor should be operated as a replacement or alternative to the vehicle's primary siren.

The low-frequency tones of the Howler™ demonstrate significantly different audio characteristics as compared to those of a traditional higher-frequency siren. While the low-frequency tones are better able to penetrate other vehicles, thus alerting drivers to the presence of the responding emergency vehicle, these tones may also penetrate into the responding vehicle itself. This could potentially expose the operator to increased noise levels.

To help eliminate overexposure, the Howler™ siren has been designed with a built-in timing circuit. The Occupational Safety & Health Administration (OSHA) (www.osha.gov) provides information necessary to determine safe exposure times in Noise and Hearing Conservation, Section 1910.95 (Occupational Noise Exposure). Until you have determined the safe exposure times for your specific application, this siren should be configured for the minimum operating time and operators should be required to use an approved hearing protection device. **FAILURE TO FOLLOW THIS RECOMMENDATION COULD CAUSE HEARING LOSS!**

Installation:

The passenger and driver side siren speaker brackets both mount in the same manner. They will mount just behind the front bumper toward the outside of the vehicle.

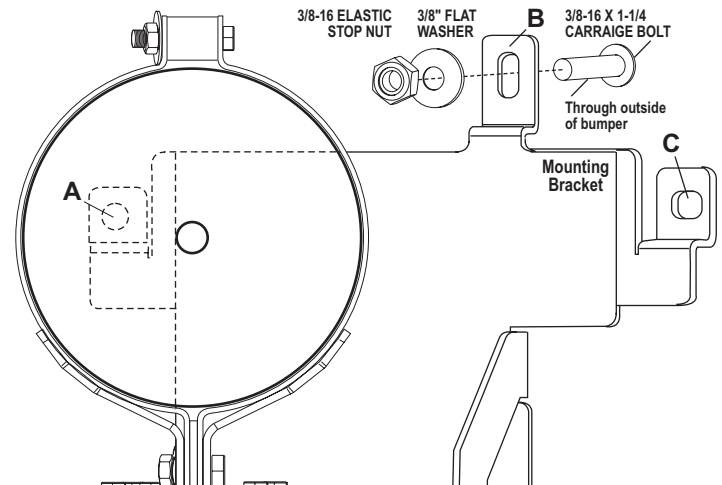


1. Secure the mounting straps, with the spacer on top and speaker bracket on the bottom, to the siren speaker (Fig. 1).

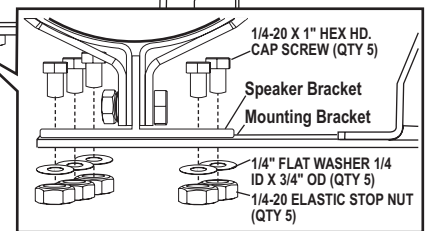
IMPORTANT! The slotted holes in the speaker must face down toward the road after mounting or water will be trapped inside.

2. Secure the mounting bracket to the passenger (or driver) side of the vehicle. The 2 outer tabs on the mounting bracket are mounted to the vehicle using existing hardware. The middle tab on the mounting bracket mounts to the vehicle using the supplied carriage bolt, elastic stop nut and flat washer (Fig. 2). (The carriage bolt goes in through the outside of the bumper).
3. Secure the siren speaker to the mounting bracket you mounted in step 2. Tighten all mounting hardware firmly (Fig. 2).
4. Extend the BLACK (-) negative and WHITE (+) positive wires to your siren amplifier and connect as described in the amplifiers instructions.

Fig. 2



IMPORTANT! It is the responsibility of the installation technician to make sure that the installation and operation of this product will not interfere with or compromise the operation or efficiency of any vehicle equipment!



IMPORTANT! Before returning the vehicle to active service, confirm the proper operation of this product, as well as all vehicle components/equipment