

WHELEN[®]

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Installation Guide: Howler™ Siren Speaker Bracket 2011 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.
- Failure to use specified installation parts and/or hardware will void the product warranty!
- 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!	
 Wear Protection!	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.

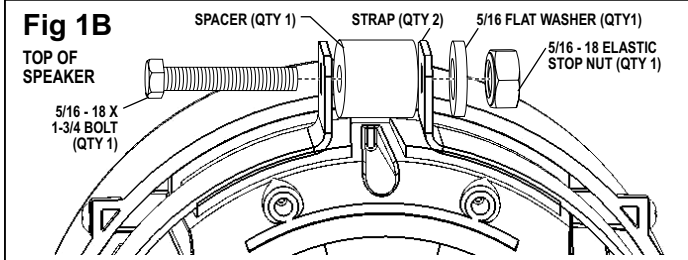
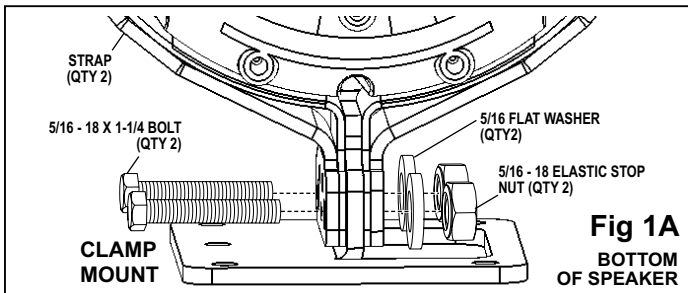
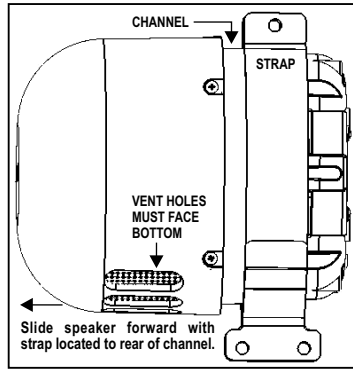
The low-frequency tones of the Howler™ demonstrate significantly different audio characteristics as compared to those of a traditional higher-frequency siren. While the low-frequency tones are better able to penetrate other vehicles, thus alerting drivers to the presence of the responding emergency vehicle, 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!**

Securing the siren speaker to the bracket:

Mounting Straps:

Firmly secure the mounting straps to the Howler by first securing the clamp mount bracket to the bottom of the straps using supplied hardware (Fig. 1A). Secure the top of the straps (with spacer) using supplied hardware (Fig. 1B). **NOTE: When locating the strap in the channel provided in the speaker, slide the speaker all the way forward as shown here or the speaker will not line up with the support bracket when mounted later.**



Main Bracket:

Secure the clamp mount that you secured to the siren speaker in step 1, to the main bracket as shown in figure 2.

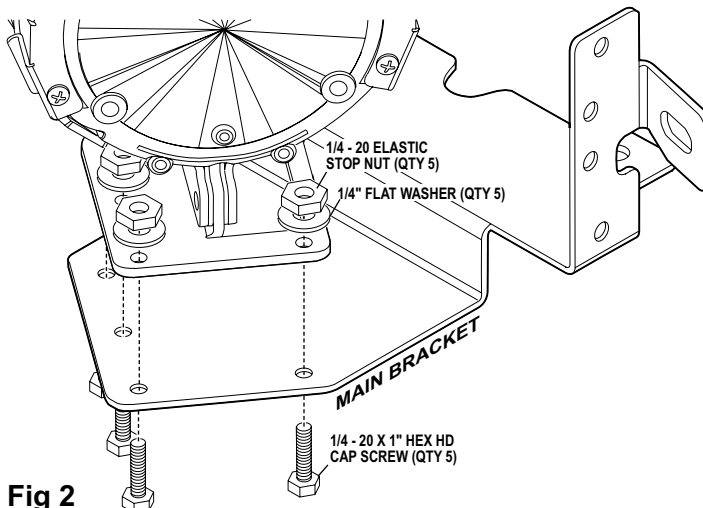


Fig 2

Support Bracket:

Secure the support bracket to the main bracket and siren speaker (Fig. 3).

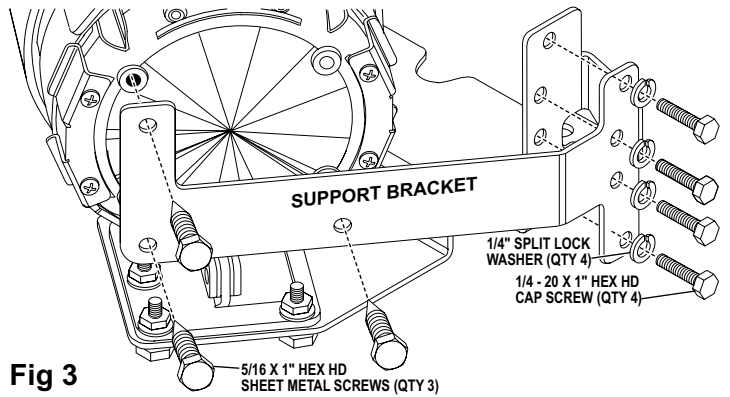


Fig 3

Mounting to the vehicle:

The photo below shows the bracket mounting location. You will use three existing bolts from the vehicle (Fig. 4). First remove the 3 bolts from the vehicle and loosely secure the bracket to stud "C". Swing the other side of the bracket up and line it up to the other two mounting studs (A & B). The bracket mounts to the underside of the lip that bolts A and B go through. Replace bolts A and B and tighten all bolts securing the bracket to the vehicle.

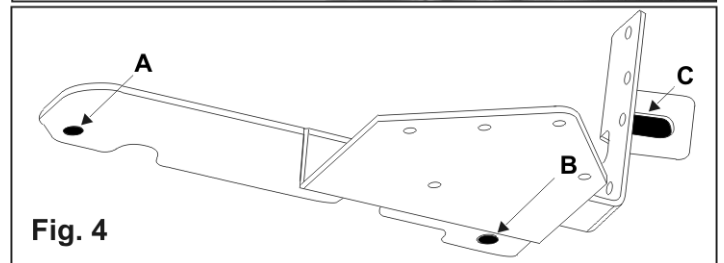
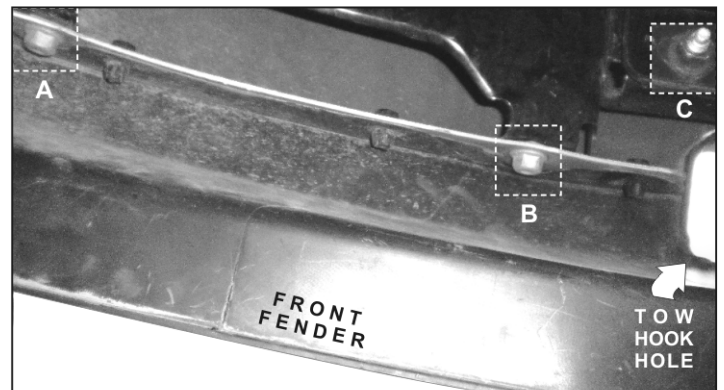


Fig. 4

Extend the WHITE (positive) and BLACK (negative) speaker wires to your siren amplifier and refer to the amplifiers instructions for connections.