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Installation Guide: SA-314 Siren
 1998 - 2000 Dodge Intrepid

DANGER! Sirens produces 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 owners 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

Installation:

1. This bracket will mount beneath your battery tray. First remove the vehicles battery. You will need to remove the front passengers side tire. Refer to your vehicle owners manual for this operation.
2. Now mark off the mounting holes. **IMPORTANT:** The mounting bracket can only be mounted one way. The mounting holes must line up with the raised surfaces of the battery tray. To do this you must be sure the serial number is facing the vehicle and the hole configuration is oriented the same way that is shown in figure 1. With the battery removed, go under the vehicle and using the bracket as a template scribe the 4 mounting holes onto the mounting surface and drill them with an appropriately sized drill.
3. Next secure the siren to the bracket using the supplied mounting hardware. (See figure 2A for order of mounting hardware.) The two front bolts will use a split lockwasher and thread into the pem nuts in the bracket. The rear bolts will use the supplied nuts and washers as shown. All bolts should be tightened with a torque wrench set at 6 lbs.
4. Because of the unusual mounting position of the siren on this particular vehicle, (facing the road) you must drill a drain hole in the front of the siren. (See Fig. 3) Be sure to follow the directions for drilling exactly or you may damage the siren.
5. Now mount the bracket with siren attached and the installation is complete
6. Extend the white (positive) and black (negative) siren wires to your amplifier and connect as shown in the amplifiers manual.

Fig. 1 Mounting Configuration

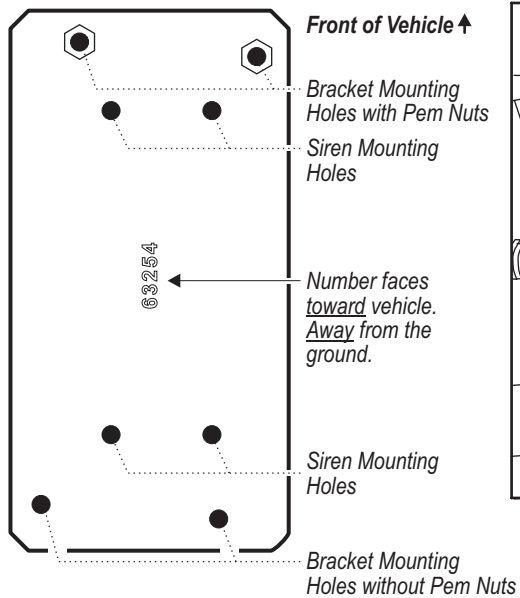


Fig. 2 Underside of battery tray, showing position of bracket.

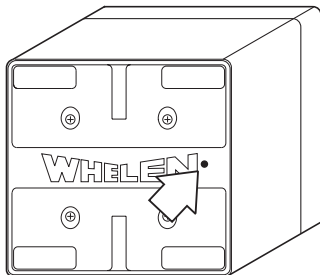
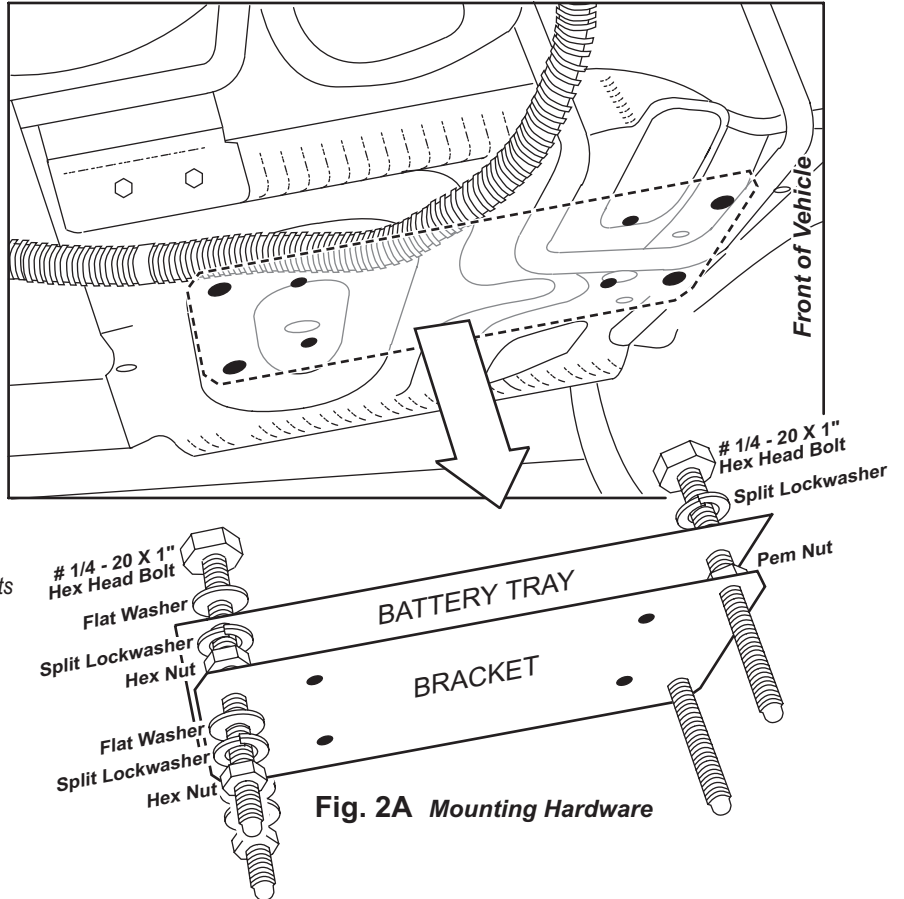


Fig. 3 Drilling the drain hole

Drill a small drainage hole using a 1/8" (.125) drill bit. There is a second wall behind the outer surface that you must not drill through. Use a drill stop set to a 1/4 inch depth. This will insure that you only drill through the outer surface and not ruin any internal parts.