

Abrams ABR-BA104

Abrams Industrial Heavy Duty Commercial Grade Back-Up Alarm

Model: ABR-BA104

INTRODUCTION

The Abrams Industrial Heavy-duty Grade back-up alarm is designed for robust performance in 12-80 volt vehicle applications. Its electronics are fully sealed in rock-hard epoxy, ensuring durability and protection against various environmental conditions. This alarm produces a powerful 102-decibel beeping sound, effectively warning pedestrians and other vehicles when the equipped vehicle is backing up. Installation is straightforward, compatible with both one-wire and two-wire systems.

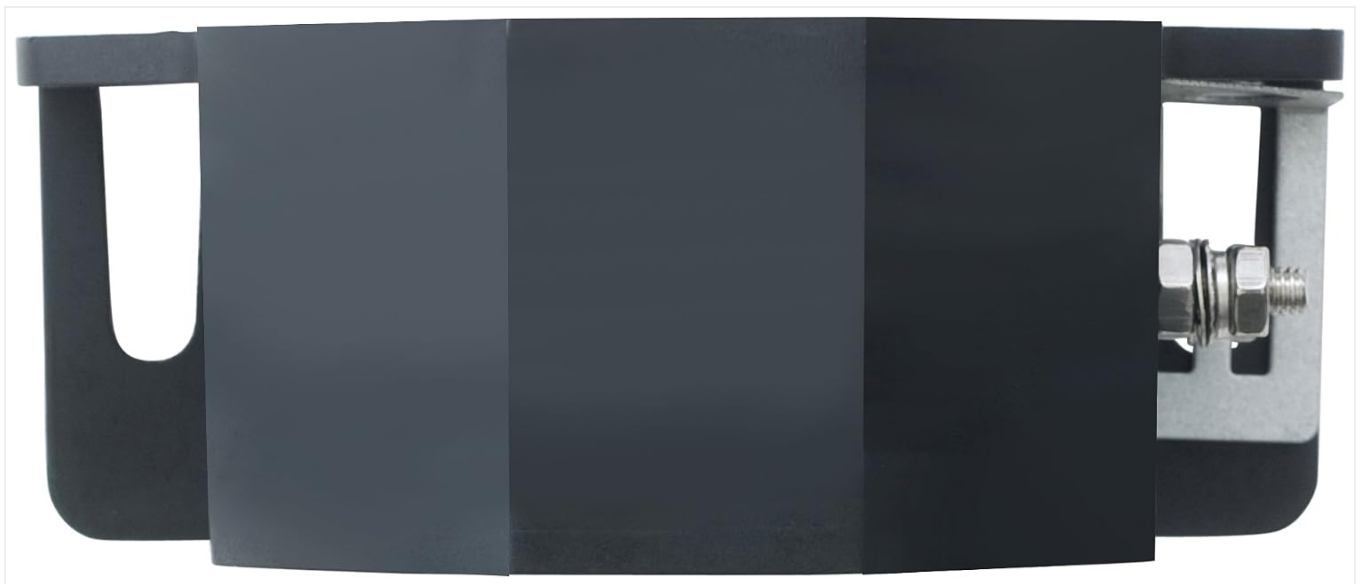
PRODUCT OVERVIEW



Front view of the Abrams Industrial Back-Up Alarm, showing the speaker grille and mounting brackets.



Side view of the Abrams Industrial Back-Up Alarm, highlighting its compact design and durable casing.



Top-down view of the Abrams Industrial Back-Up Alarm, illustrating its robust construction.



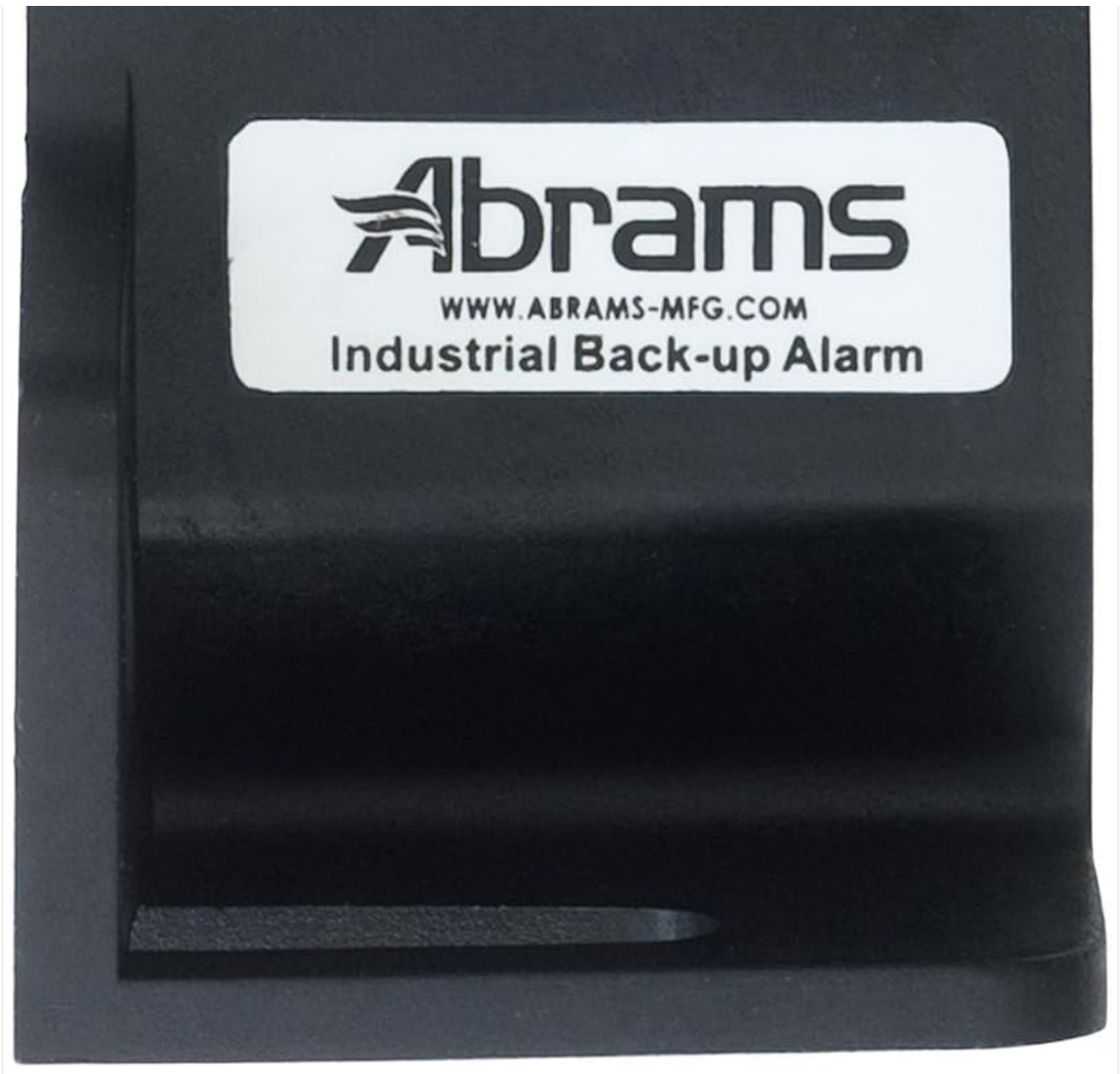
Rear view of the Abrams Industrial Back-Up Alarm, showing the electrical terminals for connection.





Bottom view of the Abrams Industrial Back-Up Alarm, displaying the mounting base.





Close-up view of the product label on the Abrams Industrial Back-Up Alarm, indicating the brand and model.

KEY FEATURES

- Ideal for heavy-duty & commercial use.
- Self-grounding: no grounding wire needed for installation.
- Voltage spike and surge protected.
- Reverse mounted speaker enhances sound and protects speaker for longer life.
- Universal mounting bracket with slotted holes.
- Electronics are sealed in rock hard epoxy for protection against dust, vibration, moisture & for all weather usage.
- Produces a powerful beeping sound that is 102 decibel.
- Helps warn pedestrians that the vehicle is backing-up.

SETUP AND INSTALLATION

The Abrams Back-Up Alarm is designed for easy installation. It can be connected to any one-wire or two-wire system, simplifying the wiring process. Due to its self-grounding feature, no separate grounding wire is required, which further streamlines installation.

The unit comes with a universal mounting bracket featuring slotted holes, allowing for flexible placement on your vehicle. Ensure the alarm is mounted securely in a location where its sound will be clearly audible to those behind the vehicle, and where it is protected from direct physical impact. The completely waterproof casing (IP67) allows for mounting anywhere outside the vehicle without concern for weather damage.

For optimal performance and longevity, ensure all electrical connections are secure and free from corrosion. Refer to your vehicle's wiring diagram to identify the reverse light circuit for proper connection.

OPERATING INSTRUCTIONS

The Abrams Back-Up Alarm operates automatically. Once properly installed and connected to your vehicle's reverse light circuit, it will activate and produce a loud 102-decibel beeping sound whenever the vehicle is shifted into reverse. This audible warning serves to alert pedestrians, cyclists, and other drivers to the vehicle's rearward movement, significantly enhancing safety during backing maneuvers.

No manual operation is required for the alarm itself. Its robust design ensures consistent performance in various conditions.

MAINTENANCE

The Abrams Back-Up Alarm is built for heavy-duty use and requires minimal maintenance. The epoxy-sealed electronics provide excellent protection against dust, vibration, and moisture, ensuring long-term reliability.

- **Regular Inspection:** Periodically check the alarm for any visible damage, especially to the casing and mounting bracket.
- **Connection Check:** Ensure all electrical connections remain secure and free from corrosion. Loose connections can lead to intermittent operation.
- **Cleaning:** If the alarm becomes dirty, wipe it clean with a damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these may damage the casing.
- **Speaker Area:** Ensure the speaker area is free from debris or obstructions that could muffle the sound.

Following these simple maintenance steps will help ensure the continued optimal performance and longevity of your back-up alarm.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not sound when in reverse.	No power to the alarm; faulty wiring; blown fuse in vehicle's reverse circuit; alarm malfunction.	Check electrical connections for tightness and corrosion. Verify power supply to the alarm using a multimeter. Inspect vehicle's fuse box for a blown fuse related to reverse lights. If all checks fail, the alarm unit may be faulty and require replacement.
Alarm sounds intermittently.	Loose or corroded electrical connections; intermittent power supply.	Inspect all wiring and connections for looseness or signs of corrosion. Ensure the mounting is secure to prevent vibration-induced disconnections.
Sound is muffled or too quiet.	Obstruction in front of the speaker; improper mounting location.	Clear any debris from the speaker grille. Ensure the alarm is mounted in an open area, not obstructed by vehicle components or cargo, to allow sound to propagate effectively.

If you continue to experience issues after attempting these troubleshooting steps, please contact Abrams customer support for further assistance.

PRODUCT SPECIFICATIONS

Attribute	Value
Brand	Abrams
Model Number	ABR-BA104
Item Weight	7 ounces
Product Dimensions	4.2 x 3.3 x 1.8 inches
Noise Level	102 dB
Voltage Compatibility	12-80 Volt
Waterproof Rating	IP67 (implied from "completely waterproof encasing")
Self-Grounding	Yes
UPC	768265419707

OFFICIAL PRODUCT VIDEOS

Your browser does not support the video tag.

This video demonstrates the Abrams Industrial Heavy Duty Commercial Grade Back-Up Alarm in operation, showcasing its sound output and features.

WARRANTY AND SUPPORT

The Abrams Industrial Heavy Duty Commercial Grade Back-Up Alarm comes with a **5 Year Hassle-Free Warranty**, ensuring peace of mind regarding your purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Abrams customer service. Keep your purchase receipt or proof of purchase handy when contacting support.

For the most up-to-date contact information, please refer to the official Abrams website or your product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question