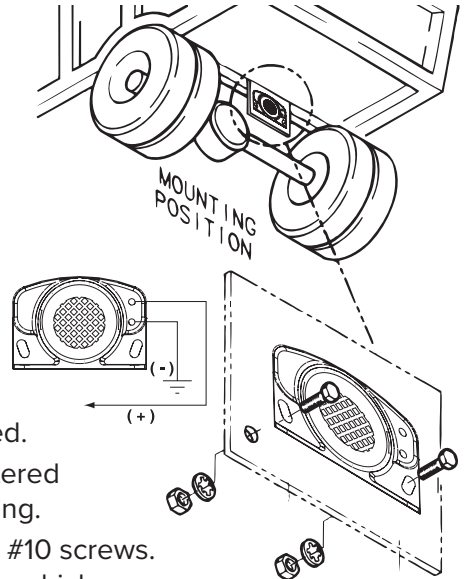


**BACK UP ALARM
BA-151008
Instructions**

CAUTION
Back Up Alarm should be louder than surrounding noise level. Check local codes and regulations to ensure compliance.

General Instructions:

1. Read all instructions before installing.
2. Disconnect battery before installing.
3. Do not mount alarm near exhaust system or other sources of excessive heat.
4. Do not mount alarm where it can be damaged by backing vehicle into an obstacle.
5. Do not mount alarm in enclosed area; sound level will be greatly reduced.
6. Mount alarm in vertical position, as high as possible above ground, centered between rear wheels and facing towards rear of vehicle as shown in drawing.
7. Using alarm as a template, mark, center punch and drill 2 3/16" holes for #10 screws. Use 2 #10 screws, lock washers and nuts (not provided) to secure alarm to vehicle.
9. Consult wiring instructions below when connecting circuitry.
10. Alarm should be tested daily. Results should be recorded in the vehicle's maintenance file.
11. Attach warning sticker (provided) to dashboard in full view of operator.



Wiring Instructions:

A. Negative Ground Vehicles: Connect a ground wire with #8 ring terminal to the (-) ground terminal. Remove #8 nut and star washer, insert wire ring terminal, then insert star washer and secure connection with #8-32 nut. Use socket and tighten nut. Do not over-torque or strip thread.

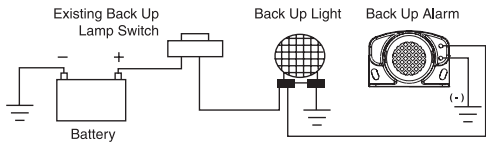
or

Using alarm metal grounding bracket, secure alarm to electrical ground bracketry with #10 mounting hardware. Connect positive reverse wire c/w #8 ring terminal to (+) terminal.

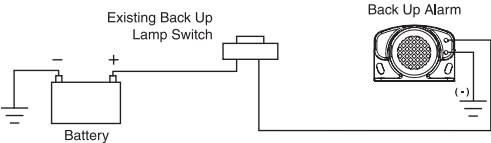
B). Positive Ground Vehicles: Connect (+) ground lead wire c/w #8 ring terminal to (+) terminal of alarm. Remove / do not use alarm grounding bracket. Connect (-) reverse lead wire c/w #8 ring terminal to (-) terminal of alarm.

C. Connect to 12-24 Vdc. source only.

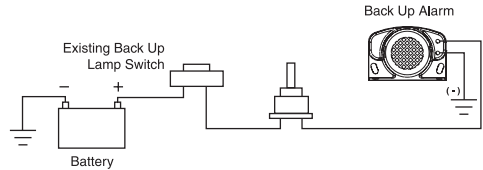
D. Use 16 ga. or larger wire for electrical connections.



Vehicles equipped with back up lights, connect alarm to back up light circuit as shown to left.



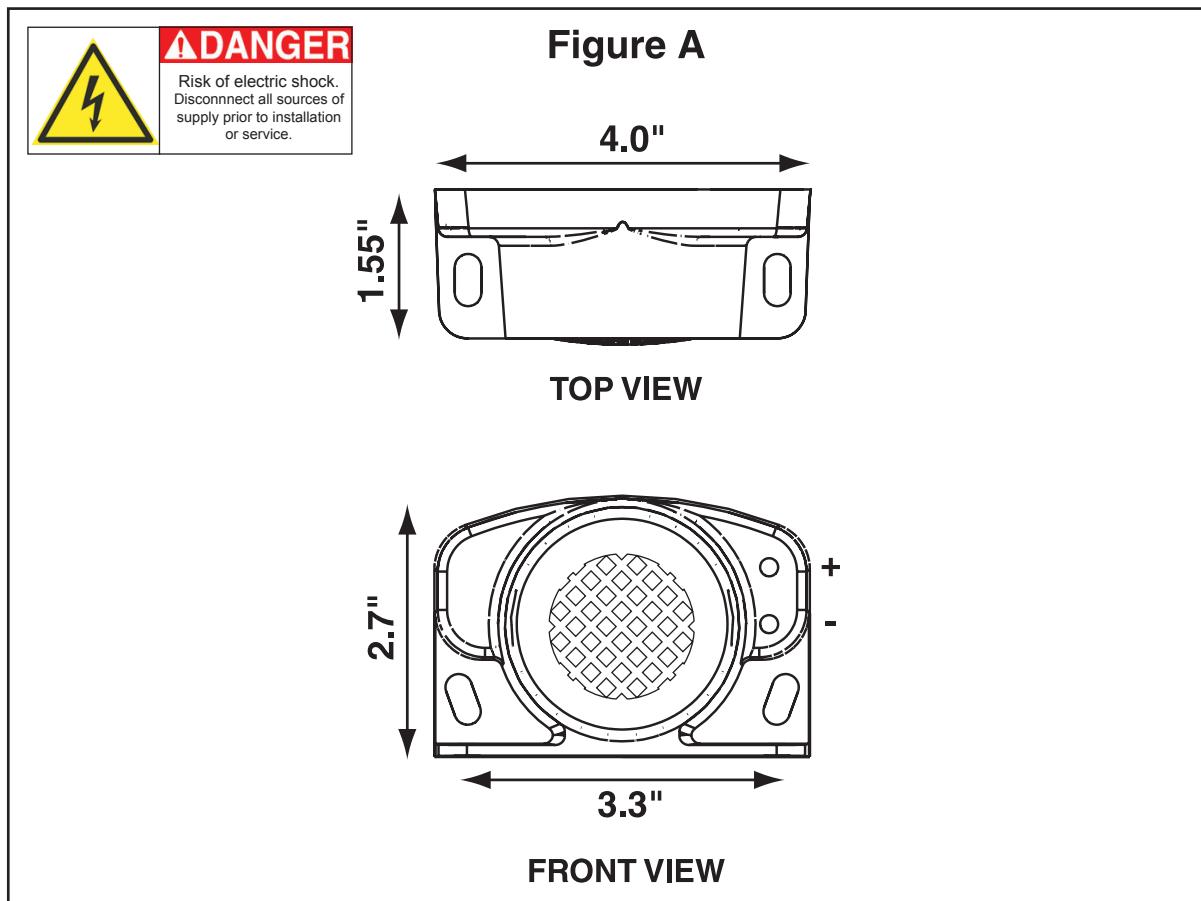
Vehicles equipped with back up switch only, connect the alarm directly to back up switch as shown to left.



Vehicles without facilities for back up light circuit, use external switch. Switch should be activated when the transmission is placed in reverse.

Typical Applications & Specifications

Part Number	Typical Use	Specifications	Fig. #
51008	Utility Trailers Pick Ups Highway Trailers School Buses Wreckers	Operating Voltage Operating Current dB Rating Operational Temperature Weight	12-24 Vdc. 350 mA max. 97 +/- 4db -40 to 85 C 8 oz.



Warranty

Jameson back-up alarms carry a warranty against any defect in material and workmanship for a period of one (1) year from date of shipment unless failure is due to misuse or improper application. Jameson shall in no event be responsible or liable for modifications, alterations, misapplications or repairs made to its products by purchaser or others. This warranty is limited to repair or replacement of the product and does not include reimbursement for shipping or other expenses incurred. Jameson disclaims any other express or implied warranty.