

97dB Backup Alarm Kit - Ram Truck

CATALOG NUMBER

66422

Backup Alarm & Wire Harness



PRODUCT FEATURES

- This product is compatible with the RAM Truck.
- Included in this kit is a 97dB backup alarm with a wire harness attached.
- There are no OEM options required for this product.
- This product has no OEM options that it is not compatible with.
- How this product works: The alarm will sound as the vehicle approaches different objects while in reverse.

Model Year Validated:

2022

PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

Includes:
(1) Alarm
(1) Harness
(2) Tek screws

Specifications:
97dB alarm
46" harness w/ two permaseal butt-connectors



THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED

ALL BEND ANGLES ARE 90 DEGREES

ALL DIMENSIONS ARE IN INCHES.

REFERENCE DIMENSIONS (X.XXX)
DO NOT REQUIRE INSPECTION

FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .125	0.0 = ± .062	0° = ± 2°
0.00 = ± .062	0.00 = ± .031	0.0° = ± 1°
0.000 = ± .031	0.000 = ± .015	

Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: **25250**

CURRENT ECN: **25250**

ECN DESCRIPTION:

Release

REVISED BY: **N/A**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

AAMP

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

BUA-97-RAM

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)

YES

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED:

DESIGNED BY: **AMB**


DESCRIPTION:

BACKUP ALARM - RAM FSPU

WEIGHT (Lbs.): **2.0**

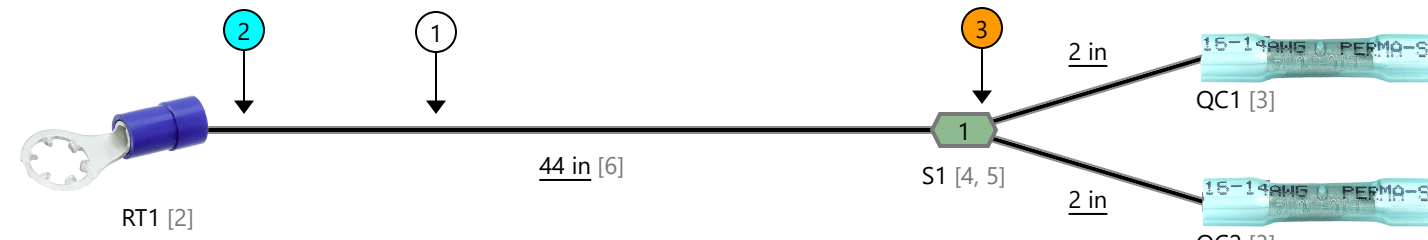
SEGMENT CODE: **ALA**

PART NUMBER: **66422**

Coverings	
Id	Assembly
[6]	


Notes	
①	OEM Reverse Wire is Black, so Black wire was chosen for harness
②	Lock tape loom behind ring terminal
③	Lock tape loom after splice

From	To	Color	Gauge
RT1	S1	Black	16 AWG



From	To	Color	Gauge
QC1	S1	Black	16 AWG
QC2	S1	Black	16 AWG

From	To	Color	Gauge
S1	QC1	Black	16 AWG
S1	QC2	Black	16 AWG
S1	RT1	Black	16 AWG

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES] TOLERANCES: ±5MM</p> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AAMP GLOBAL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AAMP GLOBAL IS PROHIBITED.</p>		Name	Date	 <p>— ADVANCING VEHICLE TECHNOLOGY —</p>
	Designed By	Bennet Fisher	12/14/21	
	Engineering Approval			
	Manufacturing Approval			
	Revision Approval			
Quality Assurance				
	Part Number: P-BUA-97-RAM		Revision: A	
	Description: 2021-2022 Ram 1500 Backup Alarm Harness		Sheet: 1	

Revisions

Rev.	Date	Author	Description
A	12/14/2021	Bennet Fisher	Initial Drawing

Introduction / Comments:

Alternate Backup Alarm Installation Instructions for 2026 RAM Truck

Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638)** before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.



Alternate Instructions for a Backup Alarm
2026 RAM Truck

Tools Required



1. 10mm Nut Setter
2. Impact Driver
3. Wire Cutters
4. Wire Strippers
5. Crimpers
6. Electrical Tape
7. Heat Gun

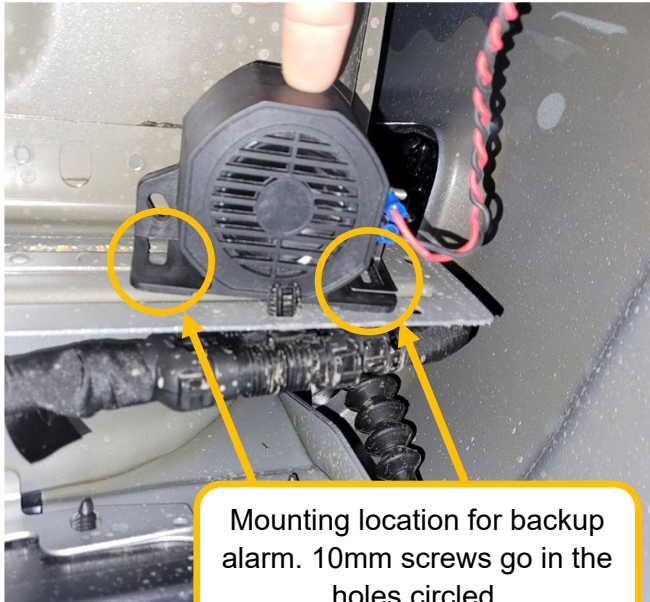
Install Location



Taillight harness
being tapped into

Backup alarm
location

Installation



Step 1:

Locate the backup alarm and the two 10mm self tapping screws. Using the 10mm nut setter and the impact driver secure the backup alarm to a flat sheet metal area on the driver side below the tail-light.

NOTE: Make sure not to screw into anything that could be damaged.

Step 2:

Locate the tail light harness and cut through the tape so that the wires are shown. Make sure not to cut any of the wires.

Step 3:

Locate the white/beige wire and use wire cutters to cut the wire.

Step 4:

Use the wire strippers to strip each end of the white beige wire and then use crimpers to crimp each butt connector from the backup alarm to each side of the cut wire.

Step 5:

Use a heat gun to seal the butt connectors and then once cooled wrap electrical tape around the butt connectors and the OEM harness that was cut open so no wires are being shown. Use zip ties to secure any wire harnesses that may hang from the vehicle.

Step 6:

Test the backup alarm by putting the vehicle in reverse and alarm should sound.

