

## 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
<div>Includes: (1) Alarm (1) Harness (2) Tek screws</div> <div>Specifications: 97dB alarm 46" harness w/ two permaseal butt-connectors</div>

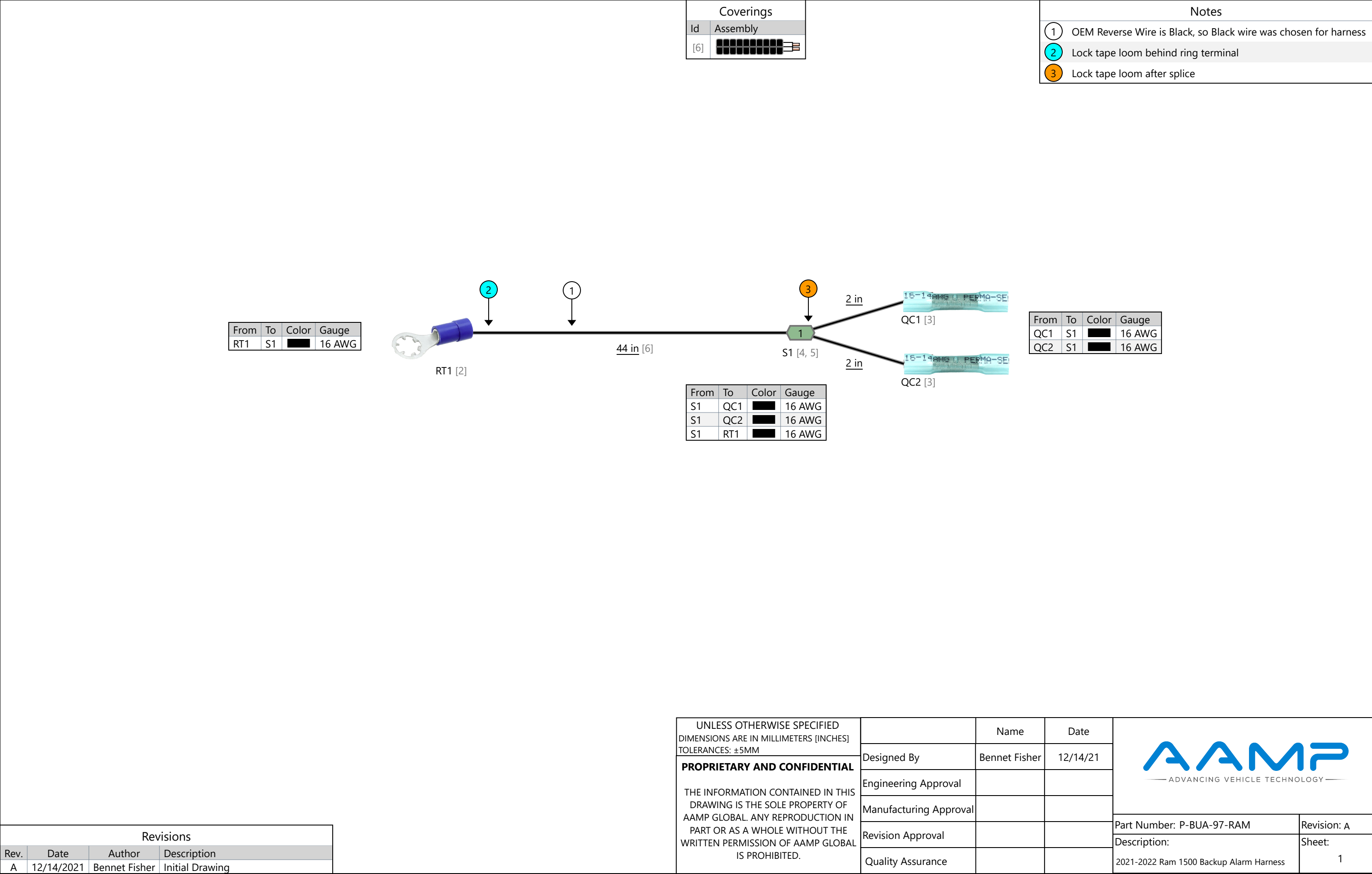


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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION			RELEASE & REVISIONS	
UNLESS OTHERWISE SPECIFIED			INITIAL ECN: 25250	
ALL BEND ANGLES ARE 90 DEGREES			CURRENT ECN: 25250	
ALL DIMENSIONS ARE IN INCHES.			ECN DESCRIPTION:	
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION			Release	
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.			REVISED BY: N/A	
Weld Callouts per AWS				

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			
	<b>ADRIAN STEEL®</b>		ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221
			REVISION LEVEL <b>A</b>
MAT'L USED:		DESIGNED BY: <b>AMB</b>	
DESCRIPTION: <b>BACKUP ALARM - RAM FSPU</b>			
WEIGHT (Lbs.): <b>2.0</b>	SEGMENT CODE: <b>ALA</b>	PART NUMBER: <b>66422</b>	



“Compare Installation Instructions that come with the Product to Installation Instructions in ASCO System for accuracy.”



BUA-97-RAM

## Backup Alarm and Wire Harness 2015-2022 Ram 1500

**INSTALLATION MANUAL**





Thank you for purchasing the  
**BUA-97-RAM**

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## Table of Contents

**Page 3** - Tools Required For Installation

**Page 4** - Component and Wire Locations

## WHAT'S INCLUDED:

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- BUA-97 backup alarm with prepped harness

## COMPATIBLE ACCESSORIES:

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## TOOLS REQUIRED:

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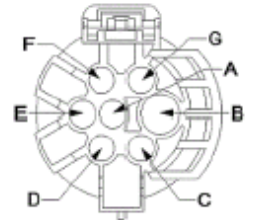
1. 10mm Nut-setter
2. Wire Strippers
3. Diagonal Cutters
4. Crimpers
5. Electrical Tape (Tesa 51036 is preferred)
6. Heat Gun/Butane Heat Source
7. Impact Drill

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Backup Alarm Location  
(Mounted below tail lamp cavity)

7 Way Trailer Connector



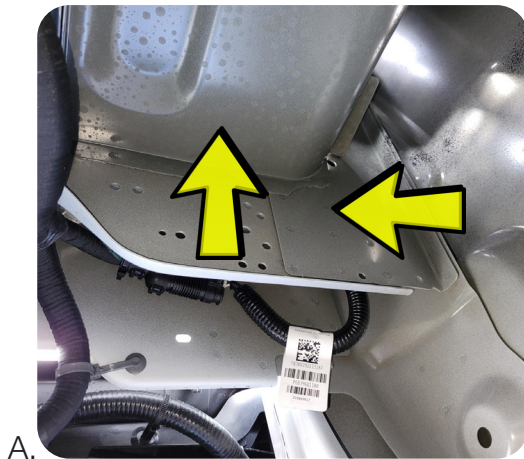


## STEP 1:

Use an impact drill and 10mm nut-setter to install the BUA-97 backup alarm on the metal surface below the truck bed and tail lamp cavity. The backup alarm housing should be flush against both surfaces (A.) Slide the backup alarm into position (B.) and place screws in the backup alarm's side mounting holes (circled).

**Take caution when mounting; avoid running screws through OEM harnessing**

Note: (2) 10mm TEK screws are provided with the backup alarm



## STEP 2:

Use cable ties to secure the backup alarm harness to OEM wiring below the truck and route the harness towards the trucks 7 Way Trailer Connector. Remove excess cable tie material with diagonal cutters.

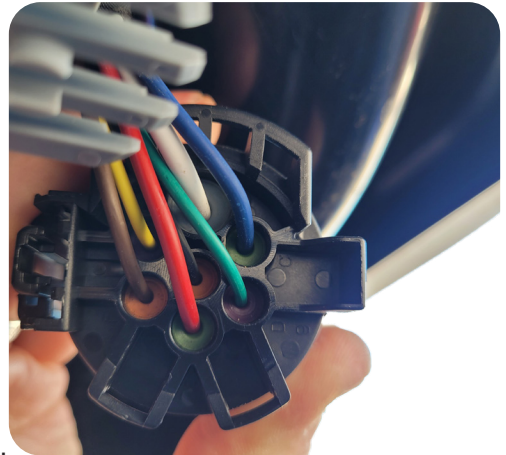


## STEP 3:

Disconnect the 7 Way Trailer Connector harness from it's housing and remove the back shroud to expose the wires going into the connector.



A.



B.

## STEP 4:

- Remove 3" of tape from the OEM trailer connector harness.
- Locate the Black (reverse) wire in the center (position A) of the connector and cut the wire apporoximately 3-4" behind the connector.
- Strip a 1/2" of wire jacket off of each end of the black wires
- Crimp one blue perma-seal connector to each black wire lead
- Use a heat source to shrink each end of the perma-seal connectors
  - Take care and avoid burning the connectors or any other wires around them
- Re-insert the connector shroud and tape the OEM harness once the connectors have cooled
- Plug the trailer connector back into its housing

## STEP 5:

Test the backup alarm



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