

CATALOG NUMBER

Wire Harness

74141

Backup Alarm



PRODUCT FEATURES

- This product is compatible with the Chevy Silverado Heavy Duty.
- This kit includes a white noise backup alarm (61501) and a wire harness (74139).
- There are no OEM options required for this product.
- There are no OEM options that this product is not compatible with.
- How this product works: As the vehicle approaches different objects the alarm will sound when in reverse.

Model Year Validated:

2024

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
Note: AAMP Part # BUA-97WNC



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:	23456
CURRENT ECN:	25415
ECN DESCRIPTION:	
Revise MPN on Alarm PPDS	
REVISED BY: JLT	

PURCHASED
COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
BUA-97WNC
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.)
NO

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: PEN	
DESCRIPTION: B/U ALM, WHITE NOISE TR			
WEIGHT (Lbs.): 2	SEGMENT CODE: ELE	PART NUMBER: 61501	

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
N/A



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TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED		
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ALL DIMENSIONS ARE IN INCHES.		
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FEATURES	HOLES/SLOTS	ANGLES
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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: 27412
CURRENT ECN: 27412
ECN DESCRIPTION:
RELEASE FOR PRODUCTION
REVISED BY: LJK

PURCHASED
COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
STINGER
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-BUA-SILVERADO-HD-24
COLOR (ONLY LIST IF COLOR SPECIFIC)
COMMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE) (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PRINTED DOCUMENT IS UNCONTROLLED

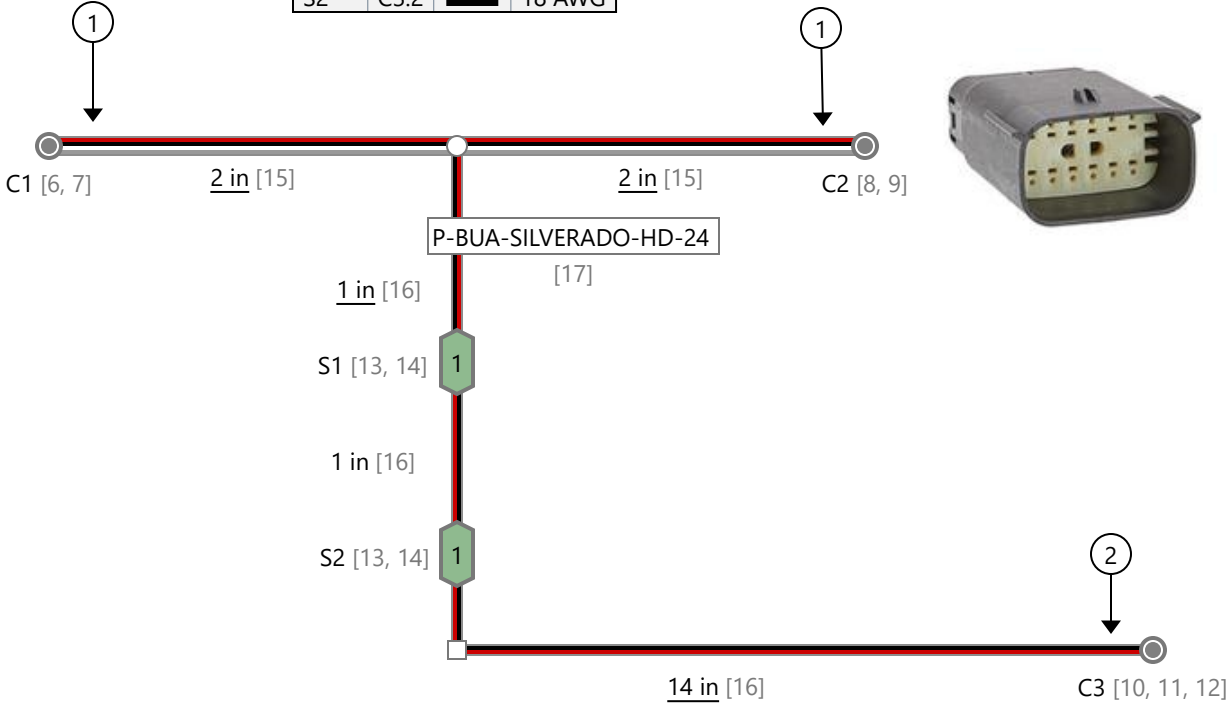
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PART / PRODUCT IDENTIFICATION

		ADRIAN STEEL®		ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221		REVISION LEVEL A	
MAT'L USED:				DESIGNED BY: L. KALENIECKI			
DESCRIPTION: BACKUP ALARM HARNESS SILVERADO HD							
WEIGHT (Lbs.): 0.75		SEGMENT CODE: ALA			PART NUMBER: 74139		

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Wire		16 AWG Black GXL	≥ 6 in
2	Wire		18 AWG Black GXL	14 in
3	Wire		18 AWG Red GXL	21 in
4	Wire		18 AWG Gray GXL	20 in
5	Wire		18 AWG White GXL	20 in
6	Connector	Molex	33472-1206	1
7	Contact	Molex	33012-3002	12
8	Connector	Molex	33482-6201	1
9	Contact	Molex	33000-1002	12
10	Connector	TE Connectivity - Deutsch	DT04-2P	1
11	Contact	TE Connectivity	1060-16-0122	2
12	Lock	TE Connectivity	W2P	1
13	Splice	TE	Generic Splice	2
14	Heat Shrink	CYG	CB-DWT-3/16	2
15	Tape	Tesa	51036	
16	Corrugated Tubing		0.25" Nylon Split Wall	16 in
17	Label			1

From	To	Color	Gauge
C1.1	S2		16 AWG
C1.2	C2.2		18 AWG
C1.3	C2.3		18 AWG
C1.4	C2.4		18 AWG
C1.5	C2.5		18 AWG
C1.6	C2.6		18 AWG
C1.7	S1		18 AWG
C1.8	C2.8		18 AWG
C1.9	C2.9		18 AWG
C1.10	C2.10		18 AWG
C1.11	C2.11		18 AWG
C1.12	C2.12		18 AWG



From	To	Color	Gauge
C2.1	S2		16 AWG
C2.2	C1.2		18 AWG
C2.3	C1.3		18 AWG
C2.4	C1.4		18 AWG
C2.5	C1.5		18 AWG
C2.6	C1.6		18 AWG
C2.7	S1		18 AWG
C2.8	C1.8		18 AWG
C2.9	C1.9		18 AWG
C2.10	C1.10		18 AWG
C2.11	C1.11		18 AWG
C2.12	C1.12		18 AWG

From	To	Color	Gauge
C3.1	S1		18 AWG
C3.2	S2		18 AWG



Coverings	
Id	Assembly
[15]	
[16]	

From	To	Color	Gauge
S1	C1.7		18 AWG
S1	C2.7		18 AWG
S1	C3.1		18 AWG
S2	C1.1		16 AWG
S2	C2.1		16 AWG
S2	C3.2		18 AWG

Notes	
①	Cover wiring with cloth tape; leave 1/2" of exposed wiring behind connector
②	Lock tape split loom behind C3

Revisions			
Rev.	Date	Author	Description
A	03/26/2024	Bennet Fisher	Initial Drawing

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES] TOLERANCES: ±5MM PROPRIETARY AND CONFIDENTIAL 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.		Name	Date		
	Designed By	Bennet Fisher	03/26/2024		
	Engineering Approval				
	Manufacturing Approval				
	Revision Approval			Part Number:	Revision: A
	Quality Assurance			Description:	Sheet:
				2024 Silverado HD Backup Alarm T-Harness	----



P-BUA-SILVERADO-HD-24

Wiring Harness for Backup Alarm 2024 Chevrolet Silverado HD

INSTALLATION MANUAL

Stinger[®]

Thank you for purchasing the
P-BUA-SILVERADO-HD-24

Table of Contents

Page 3 - Tools Required For Installation

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (P-BUA-SILVERADO-HD-24)

COMPATIBLE ACCESSORIES:

- 97dB Backup Alarm (BUA-97C)
- 97dB White Noise Backup Alarm (BUA-97WNC)



TOOLS REQUIRED:



- 1. 10mm Nut-setter
- 2. Impact Drill



STEP 1:

Locate the inline OEM tail lamp connector that is located inside the driver side frame rail near the spare tire.

- The connector is accessible from the underside of the truck



STEP 2:

Unplug the OEM connector



STEP 3:

Install the P-BUA-SILVERADO-HD-24 harness between the two OEM connectors



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STEP 4:

Use an impact drill and 10mm nut-setter to install a compatible backup alarm on the metal surface just outside the driver side frame rail (street side), and closest to the backside of the truck.

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



STEP 5:

Plug the backup alarm connector into the mating connector on the P-BUA-SILVERADO-HD-24 harness

STEP 6:

Enter the Vehicle Settings menu through the infotainment home screen
Settings > Vehicle > Lighting

- Change the Vehicle Locator Lights to "off"
- Change Exit Lighting to "off"

These changes will prevent the backup alarm from sounding when the vehicle is unlocked with the OEM keyless entry transmitter, or the vehicle is exited at night.

STEP 7:

Test the backup alarm





Stinger[®]

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