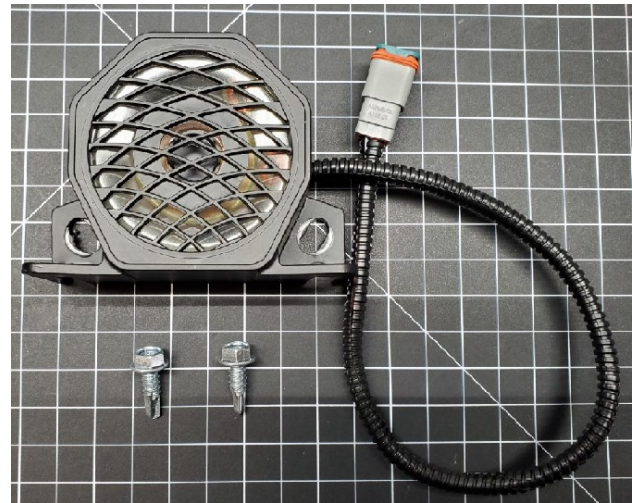


CATALOG NUMBER

66402

Wire Harness

Backup Alarm



PRODUCT FEATURES

- This product is compatible with the Ford Maverick.
- Included in this kit is a white noise backup alarm (61501) and a wire harness (66400).
- There are no OEM options required with this kit.
- This kit is not compatible with the BLISS system.
- What does this kit do: An alarm will sound when approaching objects while 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



TOLERANCES & INSPECTION	RELEASE & REVISIONS
UNLESS OTHERWISE SPECIFIED ALL BEND ANGLES ARE 90 DEGREES ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION	INITIAL ECN: 23456 CURRENT ECN: 25415 ECN DESCRIPTION: Revise MPN on Alarm PPDS
FEATURES 0.0 = ± .125 0.00 = ± .062 0.000 = ± .031 Material Thickness: per ASTM Std. Weld Callouts per AWS	REVISD BY: JLT
HOLES/SLOTS 0.0 = ± .062 0.00 = ± .031 0.000 = ± .015	
ANGLES 0° = ± 2° 0.0° = ± 1°	

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
Plug & Play Harness, does not include alarm.



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: 28195
CURRENT ECN: 28195
ECN DESCRIPTION:
RELEASE TO PRODUCTION
REVISED BY: RLR


PURCHASED
COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
Stinger
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-BUA-MAVERICK-25
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

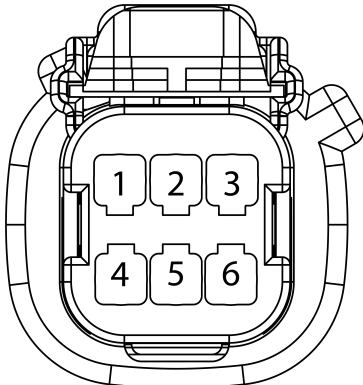
 ADRIAN STEEL®		ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221	REVISION LEVEL A
MAT'L USED: PURCHASED		DESIGNED BY: R. Rambo	
DESCRIPTION: HARN, BUA MA 2025 MY			
WEIGHT (Lbs.): 0.2	SEGMENT CODE: ELE	PART NUMBER: 77232	

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Wire		18 AWG Gray	4 in
2	Wire		18 AWG Blue	4 in
3	Wire		18 AWG Red	30 in
4	Wire		18 AWG White	4 in
5	Wire		18 AWG Yellow	4 in
6	Wire		18 AWG Black	32 in
7	Connector	Molex	33472-0607	1
8	Contact	Molex	33012-3002	6
9	Connector	Molex	33482-3602	1
10	Contact	Molex	33000-1002	6
11	Connector	TE Connectivity - Deutsch	DT04-2P	1
12	Contact	TE Connectivity	1060-16-0122	2
13	Lock	TE Connectivity	W2P	1
14	Splice		Generic Splice	2
15	Heat Shrink		Adhesive-Lined Heat Shrink	2
16	Tape	Tesa	51036	
18	Corrugated Tubing		0.25" Nylon Split Wall	24 in

Coverings	
Id	Assembly
[16]	
[18]	

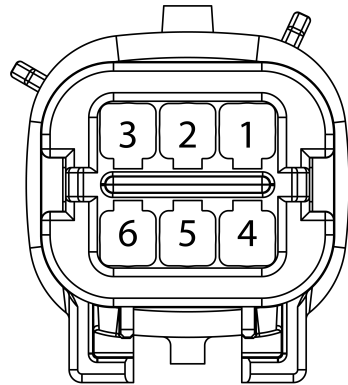
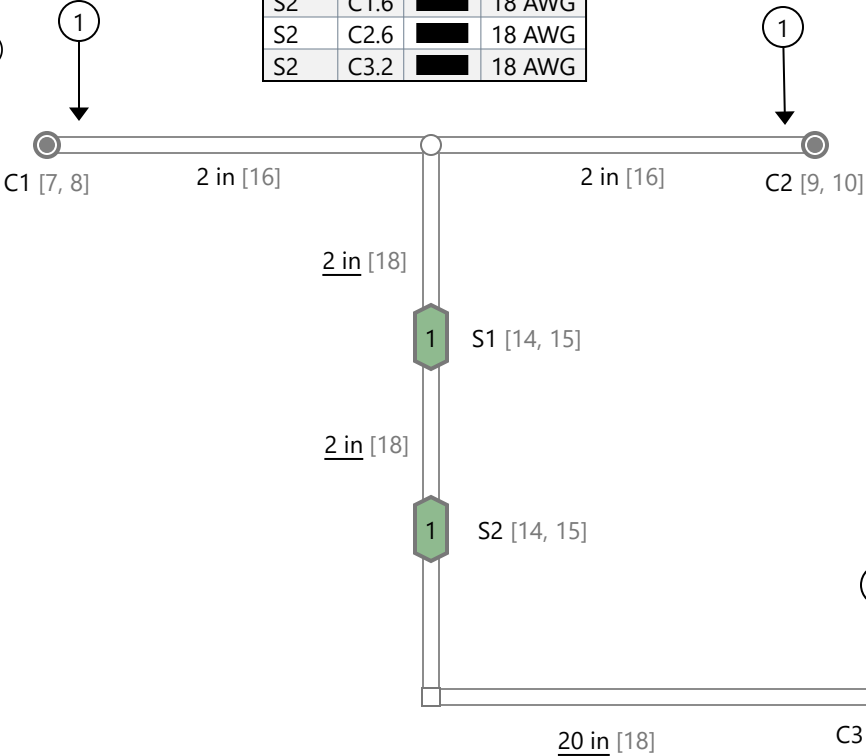
Notes	
①	Cover wiring with cloth tape; leave 1/2" of exposed wiring behind connector
②	Lock tape split loom behind C3

From	To	Color	Size
C1.1	C2.1	Gray	18 AWG
C1.2	C2.2	Blue	18 AWG
C1.3	S1	Red	18 AWG
C1.4	C2.4	White	18 AWG
C1.5	C2.5	Yellow	18 AWG
C1.6	S2	Black	18 AWG



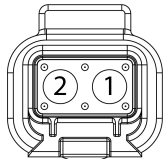
Wire Side

From	To	Color	Size
S1	C1.3	Red	18 AWG
S1	C2.3	Red	18 AWG
S1	C3.1	Red	18 AWG
S2	C1.6	Black	18 AWG
S2	C2.6	Black	18 AWG
S2	C3.2	Black	18 AWG



Wire Side

From	To	Color	Size
C2.1	C1.1	Gray	18 AWG
C2.2	C1.2	Blue	18 AWG
C2.3	S1	Red	18 AWG
C2.4	C1.4	White	18 AWG
C2.5	C1.5	Yellow	18 AWG
C2.6	S2	Black	18 AWG




Wire Side



From	To	Color	Size
C3.1	S1	Red	18 AWG
C3.2	S2	Black	18 AWG

Revisions			
Rev.	Date	Author	Description
A	03/27/2025	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	03/27/2025		
	Engineering Approval				
	Manufacturing Approval				
	Revision Approval			Part Number: P-BUA-MAVERICK-25_	
	Quality Assurance			Description: 2025 Ford Maverick Backup Alarm Harness	
				Revision: A Sheet: 1	

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



69433



69434



Single Use Clips - replace these after removing the taillight



P-BUA-MAVERICK

Wiring Harness for Backup Alarm 2022 Ford Maverick

INSTALLATION MANUAL





Thank you for purchasing the
P-BUA-MAVERICK

Table of Contents

Page 3 - Tools Required For Installation
Page 4 - Components and Wire Locations

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (P-BUA-MAVERICK)

COMPATIBLE ACCESSORIES:

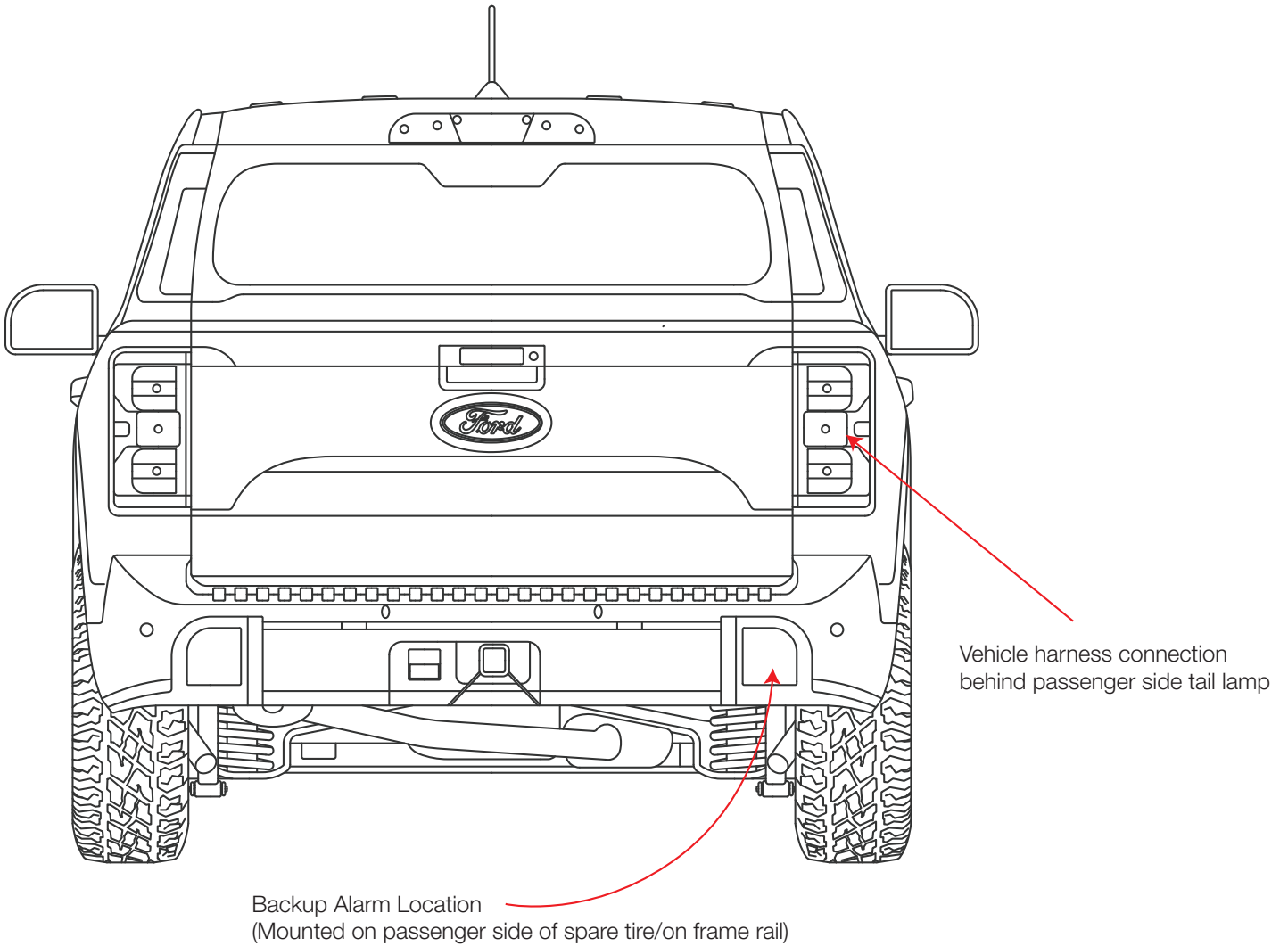
- 97dB Backup Alarm (BUA-97C)
- 97dB White Noise Backup Alarm (BUA-97WNC)



TOOLS REQUIRED:



1. 10mm Nut-setter
2. 8mm Nut-setter
3. Impact Drill
4. Diagonal Cutters



STEP 1:

Use an impact drill and 8mm nut-setter to remove the passenger side tail lamp.



STEP 2:

Unplug the OEM connector and install the P-BUA-MAVERICK harness between the OEM connectors.



STEP 3:

Route the harness down the tail lamp cavity and re-install the passenger side tail lamp. The mating connector for the backup alarm will come through the underside of the cavity just behind the spare tire.



STEP 4:

Use an impact drill and 10mm nut-setter to install a compatible backup alarm on the underside of the vehicle

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-MAVERICK harness. Secure any excess wiring with cable ties. Use diagonal cutters to remove excess cable tie material.

STEP 6:

Test the backup alarm



Phone – 866-931-8021 (option 3)

E-Mail – support@echomasterfleetsolutions.com



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