

CATALOG NUMBER

Wire Harness

73428

Backup Alarm



PRODUCT FEATURES

- This product is compatible with the Ford Maverick.
- Included in this kit is a white noise backup alarm (61501), a wire harness (66400), and a pin and clip (69433 & 69434).
- This kit is not compatible with BLIS.
- There are no OEM options required for this product.
- 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



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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

Plug & Play harness, does not include alarm.



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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: 25440

CURRENT ECN: 25440

ECN DESCRIPTION:

Release for pre-production

REVISED BY: N/A

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

AAMP

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

P-BUA-MAVERICK

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
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YES

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Sheet 1 of 1

PART / PRODUCT IDENTIFICATION



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ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED:

DESIGNED BY: **AMB**

DESCRIPTION:

HARN, BUA MV

WEIGHT (Lbs.): **0.75**

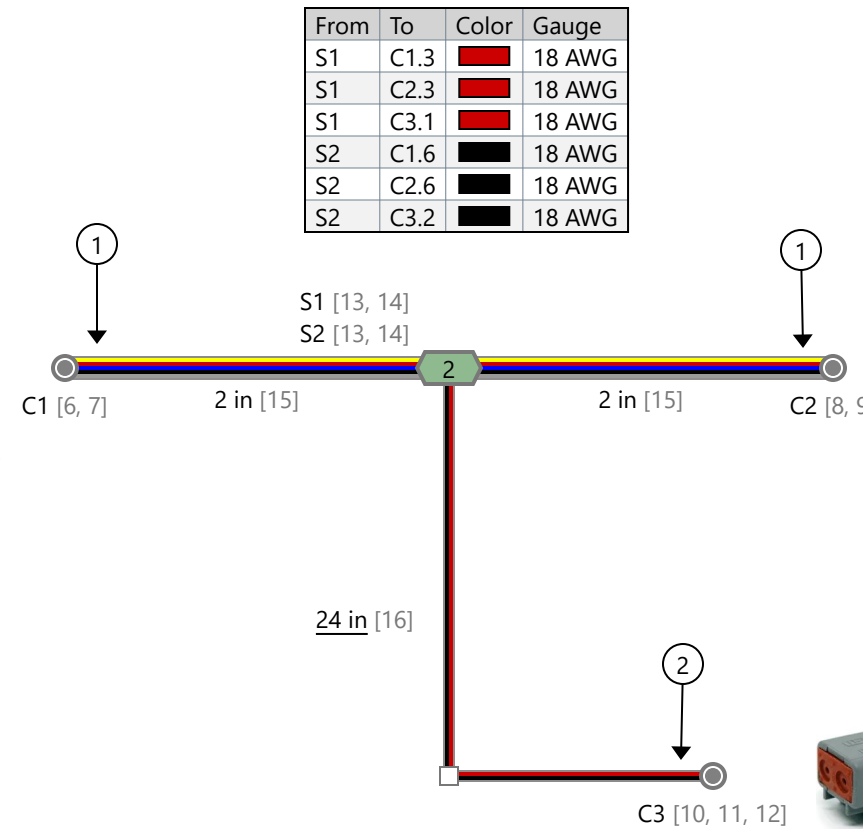
SEGMENT CODE: **ALA**

PART NUMBER: **66400**

Coverings	
Id	Assembly
[15]	
[16]	

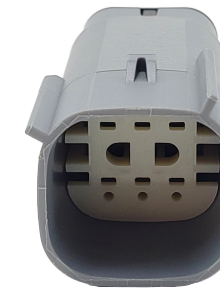
Notes	
①	Cover wiring with cloth tape; leave 1/2" of exposed wiring behind connector
②	Lock tape split loom behind C3

From	To	Color	Gauge
C1.1	C2.1	Grey	18 AWG
C1.2	C2.2	Blue	18 AWG
C1.3	S1	Red	18 AWG
C1.5	C2.5	Yellow	18 AWG
C1.6	S2	Black	18 AWG



From	To	Color	Gauge
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

From	To	Color	Gauge
C2.1	C1.1	Grey	18 AWG
C2.2	C1.2	Blue	18 AWG
C2.3	S1	Red	18 AWG
C2.5	C1.5	Yellow	18 AWG
C2.6	S2	Black	18 AWG



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



Revisions			
Rev.	Date	Author	Description
1	12/8/2021	Bennet Fisher	Initial Drawing

<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		
	Designed By	Bennet Fisher		12/8/21
	Engineering Approval			
	Manufacturing Approval			
	Revision Approval			
Quality Assurance			Part Number: P-BUA-MAVERICK Description: 2022 Ford Maverick Backup Alarm Harness	
			Revision: 1 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

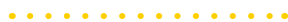
- Page 3** - Tools Required For Installation
- Page 4** - Components and Wire Locations

WHAT'S INCLUDED:

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

COMPATIBLE ACCESSORIES:

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

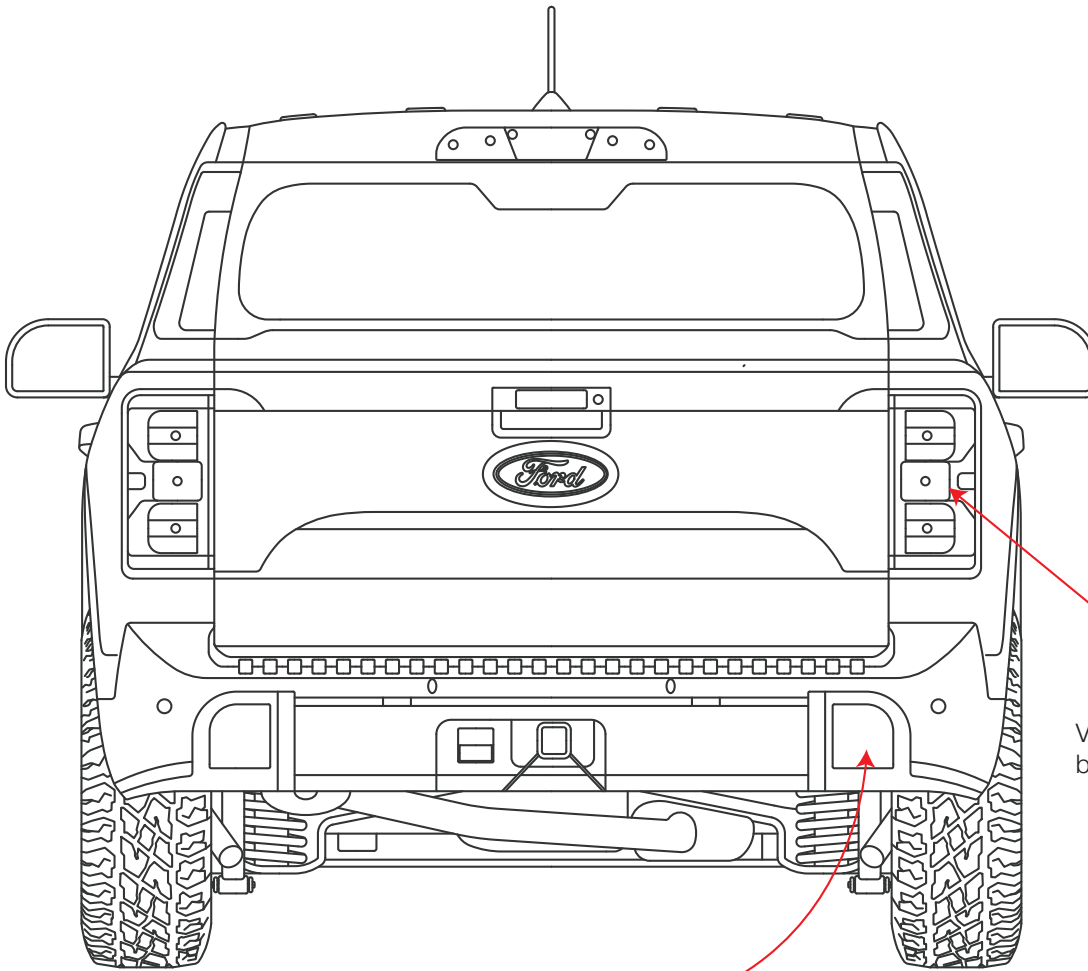


TOOLS REQUIRED:



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





Vehicle harness connection
behind passenger side tail lamp

Backup Alarm Location
(Mounted on passenger side of spare tire/on frame rail)

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



EchoMaster Fleet Solutions is a Power Brand of AAMP Global

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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

OEM tail light pin
Ford Maverick

Requires Adrian PN 69434 for full assembly.



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Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: 25945

CURRENT ECN: 25945

ECN DESCRIPTION:

Release

REVISED BY: N/A

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

Ford

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

W717430-S300

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
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YES

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ADRIAN STEEL

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED:

DESIGNED BY: A. Bussing

DESCRIPTION:

OEM LIGHT PIN, FD MA

WEIGHT (Lbs.): 0.1

SEGMENT CODE: ELE

PART NUMBER: 69433

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

OEM tail light retainer
Ford Maverick

Requires Adrian PN 69433 for full assembly.



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Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: 25945

CURRENT ECN: 25945

ECN DESCRIPTION:

Release

REVISED BY: N/A

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

Ford

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

W718155-S300

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
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ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

A

MAT'L USED:

DESIGNED BY: A. Bussing

DESCRIPTION:

OEM LIGHT CLIP, FD MA

WEIGHT (Lbs.): 0.1

SEGMENT CODE: ELE

PART NUMBER: 69434