

## 97dB Backup Alarm Kit - F150

**CATALOG NUMBER**

**64044**

**Wire Harness**



**Backup Alarm**



### PRODUCT FEATURES

- This product is compatible with the Ford F150.
- Included in this kit is the 97dB backup alarm (64019) and a wire harness (64011).
- There are no OEM options required for this product.
- This product is not compatible with BLIS or 43A/43C or 17T options. (XLT has standard Copilot 360 assist 2.0 which has BLIS).
- How this product works: As the vehicle approaches different objects the alarm will sound 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

Plug & play harness, does not include alarm.

2021 MDY  
XL trim level ONLY.



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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: **24579**

CURRENT ECN: **25280**

ECN DESCRIPTION:

Scan supplier's print

REVISED BY: **AMB**

# PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

**AAMP**

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

**P-BUA-F150-21**

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: **A. BUSSING**

DESCRIPTION:

**HARN, BUA F1**

WEIGHT (Lbs.): **1.0**

SEGMENT CODE: **ALA**

PART NUMBER: **64011**

Revisions			
Rev.	Date	Author	Description
1	1/20/21	Bennet Fisher	Initial Drawing

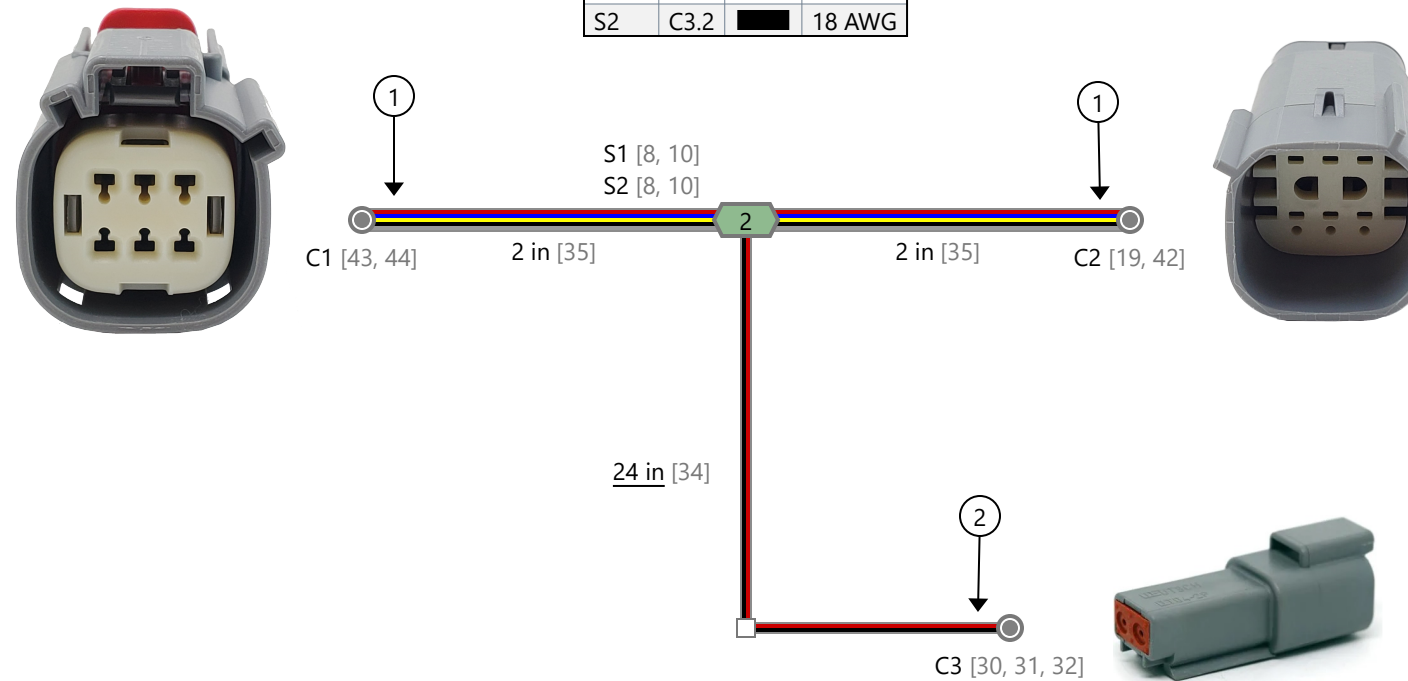
Coverings	
Id	Assembly
[34]	
[35]	

From	To	Color	Gauge
C1.1	C2.1	Grey	18 AWG
C1.2	C2.2	Blue	18 AWG
C1.3	C2.3	Yellow	18 AWG
C1.4	S1	Red	18 AWG
C1.6	S2	Black	18 AWG

From	To	Color	Gauge
S1	C1.4	Red	18 AWG
S1	C2.4	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	C1.3	Yellow	18 AWG
C2.4	S1	Red	18 AWG
C2.6	S2	Black	18 AWG

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



Notes

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

Title	----	Part Number	P-BUA-F150-21_	
Description	2021 Ford F-150 No Bliss/Incandescent Lamp Backup Alarm Harness		Revision	----

	Name	Date
Drawn By	----	----
Eng Approved	----	----
Mfg Approved	----	----
QA	----	----



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



P-BUA-F150-21

## Wiring Harness for Backup Alarm 2021 Ford F-150

**INSTALLATION MANUAL**





Thank you for purchasing the  
**P-BUA-F150-21**



**Table of Contents**

**Page 3 - Tools Required For Installation**

**WHAT'S INCLUDED:**

- **Vehicle Specific Wire Harness (P-BUA-F150-21)**

**COMPATIBLE ACCESSORIES:**

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



## TOOLS REQUIRED:

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



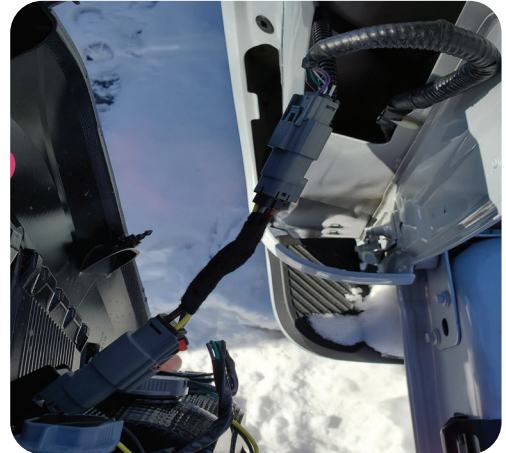
## STEP 1:

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



## STEP 2:

Unplug the OEM connector and install the P-BUA-F150-21 harness between the OEM connectors



## STEP 3:

Route the harness down the tail lamp cavity and re-install the driver side tail lamp



## 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-F150-21 harness. Secure any excess wiring with cable ties. Use diagonal cutters to remove excess cable tie material.

## STEP 6:

Test the backup alarm





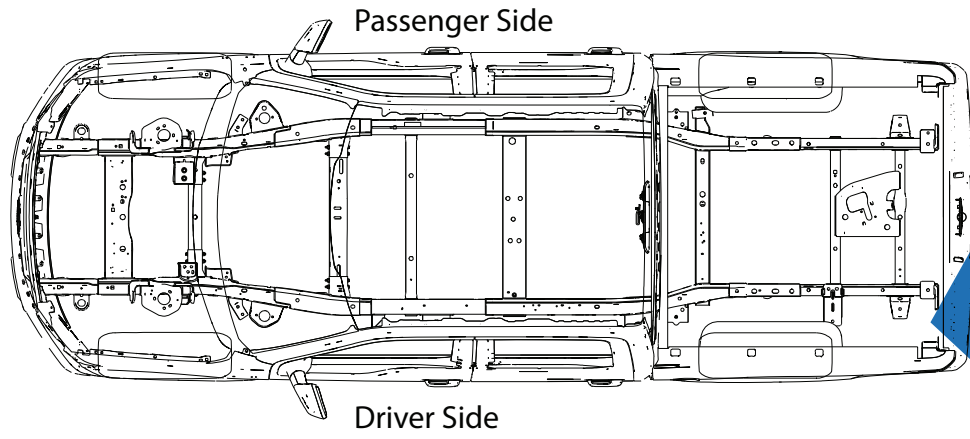
Phone – 866-766-2267

E-Mail – [support@aampglobal.com](mailto:support@aampglobal.com)

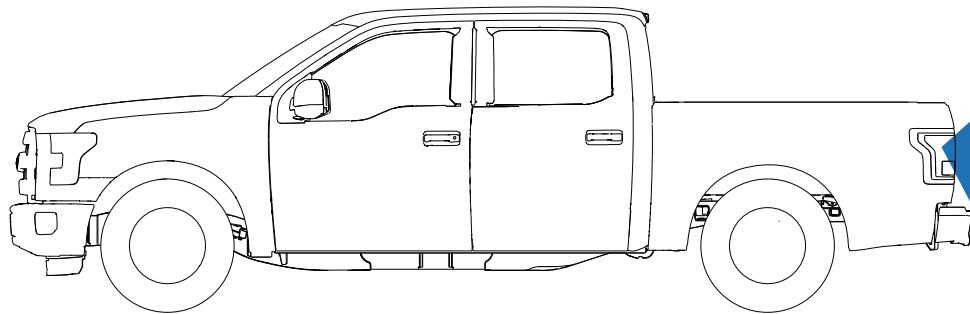


**EchoMaster is a Power Brand of AAMP Global**

[EchoMaster.com](http://EchoMaster.com)



Backup alarm is located below the driver side tail lamp cavity on the street side of the driver side frame rail



OEM tail lamp connector is located on back side of driver side tail lamp

# PURCHASED COMPONENT KEY FEATURES

## DESCRIPTION OF REQUIREMENTS

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N/A

LOAD/RATING REQUIREMENT

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MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

**Note:**

97dB Backup Alarm module

Alarm only, requires vehicle specific harness



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Weld Callouts per AWS

### RELEASE & REVISIONS

INITIAL ECN: **24579**

CURRENT ECN: **25366**

ECN DESCRIPTION:

**Update PPDS for B/U Alarm and GPS Reader**

REVISED BY: **JLT**

## PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

**AAMP**

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

**BUA-97C**

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REVISION LEVEL

**C**

MAT'L USED:

DESIGNED BY: **A. BUSSING**

DESCRIPTION:

**B/U ALM. MODULAR**

WEIGHT (Lbs.): **1.0**

SEGMENT CODE: **ALA**

PART NUMBER: **64019**