

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.
2023 Ford F-150 w/ BLIS (Co-Pilot) system.



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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:	26225
CURRENT ECN:	26225
ECN DESCRIPTION:	Release.
REVISED BY:	N/A


PURCHASED
COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP Global
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-BUA-F150-BLIS
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 BLIS F1							
WEIGHT (Lbs.): 1.0		SEGMENT CODE: ALA		PART NUMBER: 70041			

Bill of Materials			
Id	Type	Part Number	Quantity
1	Tape	51036	
2	Corrugated Tubing	0.25" Nylon Split Wall	24 in

Coverings	
Id	Assembly
[1]	
[2]	

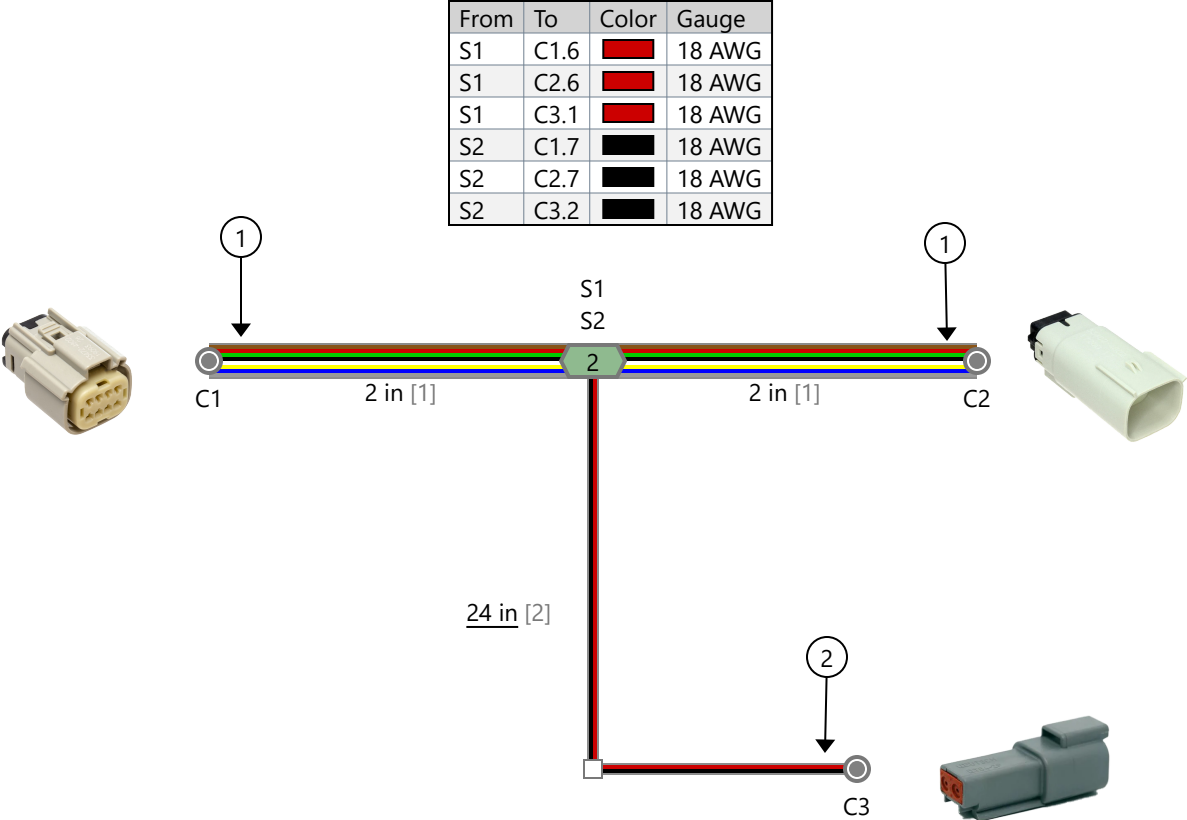
Notes	
①	Cover wiring with cloth tape; leave 1/2" of exposed wiring behind connector
②	Lock tape split loom behind C3

From	To	Color	Gauge
C1.1	C2.1	Gray	18 AWG
C1.2	C2.2	Blue	18 AWG
C1.3	C2.3	White	18 AWG
C1.4	C2.4	Green	18 AWG
C1.5	C2.5	Yellow	18 AWG
C1.6	S1	Red	18 AWG
C1.7	S2	Black	18 AWG
C1.8	C2.8	Brown	18 AWG


From	To	Color	Gauge
S1	C1.6	Red	18 AWG
S1	C2.6	Red	18 AWG
S1	C3.1	Red	18 AWG
S2	C1.7	Black	18 AWG
S2	C2.7	Black	18 AWG
S2	C3.2	Black	18 AWG

From	To	Color	Gauge
C2.1	C1.1	Gray	18 AWG
C2.2	C1.2	Blue	18 AWG
C2.3	C1.3	White	18 AWG
C2.4	C1.4	Green	18 AWG
C2.5	C1.5	Yellow	18 AWG
C2.6	S1	Red	18 AWG
C2.7	S2	Black	18 AWG
C2.8	C1.8	Brown	18 AWG

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



Revisions			
Rev.	Date	Author	Description
1	2/27/2022	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	 — ADVANCING VEHICLE TECHNOLOGY —	
	Designed By	Bennet Fisher	2/27/2022		
	Engineering Approval				
	Manufacturing Approval			Part Number: P-BUA-F150-BLIS_	
	Revision Approval			Description: 2022-2023 Ford F-150 with BLIS without Smart Hitch	
	Quality Assurance			Revision: 1 Sheet: 1	

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



P-BUA-F150-BLIS

Wiring Harness for Backup Alarm 2022-2023 Ford F-150 with Incandescent Lights and BLIS

INSTALLATION MANUAL



C O M M E R C I A L

Thank you for purchasing the
P-BUA-F150-BLIS

Table of Contents

Page 3 - Tools Required For Installation

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (P-BUA-F150-BLIS)

COMPATIBLE ACCESSORIES:

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

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TOOLS REQUIRED:

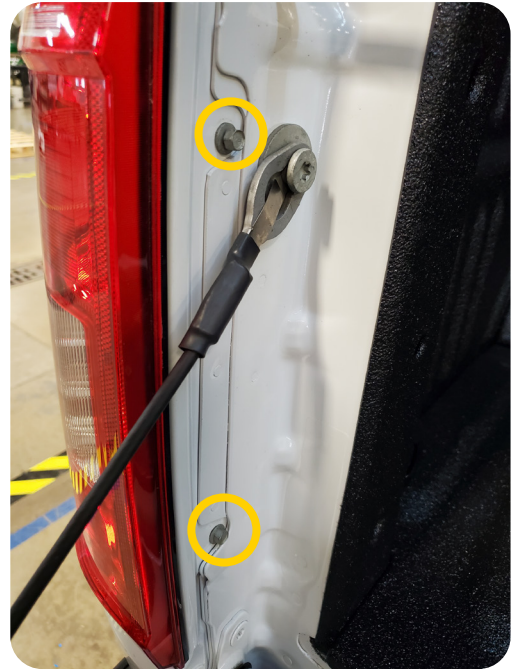


1. 10mm Nut-setter
2. 8mm Nut-setter
3. Impact Drill
4. Diagonal Cutters

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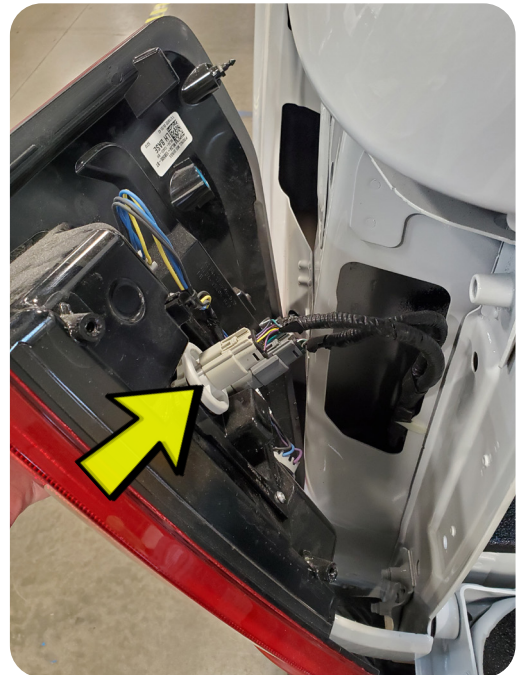
STEP 1:

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



STEP 2:

Unplug the OEM connector (8 Pin Connector on backside of lamp housing) and install the P-BUA-F150-BLIS harness between the OEM connector and the tail lamp housing.



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STEP 3:

Route the harness down the tail lamp cavity and re-install the driver side tail lamp. Then 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-BLIS harness. Secure any excess wiring with cable ties. Use diagonal cutters to remove excess cable tie material.

STEP 6:

Test the backup alarm

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Phone – 866-931-8021 (option 3)

E-Mail – support@aampglobal.com

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