

97dB Backup Alarm Kit - Ford Ranger

CATALOG NUMBER

Wire Harness

64047

Backup Alarm



PRODUCT FEATURES

- This product is compatible with the Ford Ranger.
- Included in this kit is a 97dB backup alarm kit (64014) and a wire harness (64019).
- There are no OEM options required for this product.
- There are no OEM options that this kit is not compatible with.
- How this kit works: The alarm sounds when the vehicle approaches objects while in reverse.

Model Year Validation:

2023 (Does not work for MY 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.
2020 MDY XL trim level required





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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY






TOLERANCES & INSPECTION	RELEASE & REVISIONS
UNLESS OTHERWISE SPECIFIED	INITIAL ECN: 24579
ALL BEND ANGLES ARE 90 DEGREES	CURRENT ECN: 25280
ALL DIMENSIONS ARE IN INCHES.	ECN DESCRIPTION:
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION	Scan supplier's print
FEATURES 0.0 = ± .125 0.00 = ± .062 0.000 = ± .031	
HOLES/SLOTS 0.0 = ± .062 0.00 = ± .031 0.000 = ± .015	
ANGLES 0° = ± 2° 0.0° = ± 1°	
Material Thickness: per ASTM Std. Weld Callouts per AWS	REVISED BY: AMB

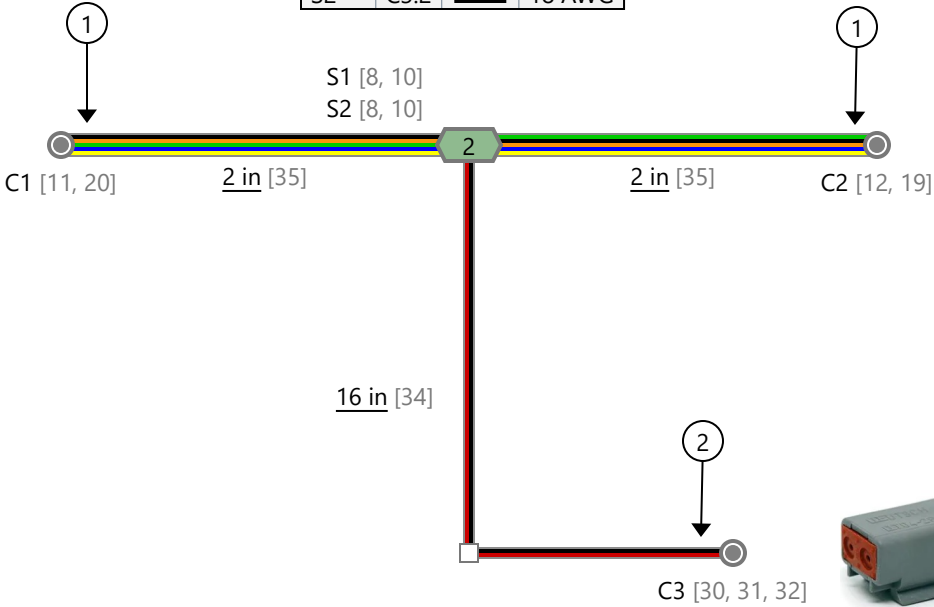
PURCHASED COMPONENT
REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-BUA-RANGER
COLOR (ONLY LIST IF COLOR SPECIFIC)
COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE) (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
YES







PRINTED DOCUMENT IS UNCONTROLLED			Sheet 1 of 1
PART / PRODUCT IDENTIFICATION			
	ADRIAN STEEL®		ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221
	DESIGNED BY: A. BUSSING		REVISION LEVEL A
MAT'L USED:		DESCRIPTION: HARN, BUA RA	
WEIGHT (Lbs.): 1.0	SEGMENT CODE: ALA	PART NUMBER: 64014	






Revisions			
Rev.	Date	Author	Description
1	10/6/2020	Bennet Fisher	Initial Drawing

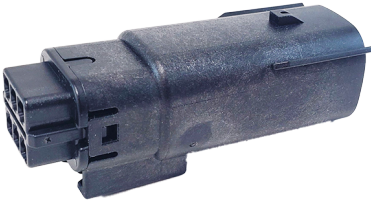
Coverings	
Id	Assembly
[34]	
[35]	



From	To	Color	Gauge
C1.1	S2		16 AWG
C1.2	C2.2		16 AWG
C1.3	C2.3		16 AWG
C1.4	S1		16 AWG
C1.5	C2.5		16 AWG



From	To	Color	Gauge
S1	C1.4		16 AWG
S1	C2.4		16 AWG
S1	C3.1		18 AWG
S2	C1.1		16 AWG
S2	C2.1		16 AWG
S2	C3.2		18 AWG

From	To	Color	Gauge
C2.1	S2		16 AWG
C2.2	C1.2		16 AWG
C2.3	C1.3		16 AWG
C2.4	S1		16 AWG
C2.5	C1.5		16 AWG



From	To	Color	Gauge
C3.1	S1		18 AWG
C3.2	S2		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-RANG
Description	2020 Ford Ranger - No Bliss/with Incandescent Backup Alarm Harness		

	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-RANGER

Wiring Harness for Backup Alarm 2019-2021 Ford Ranger

INSTALLATION MANUAL





Thank you for purchasing the **P-BUA-RANGER**



Table of Contents

Page 3 - Tools Required For Installation

WHAT'S INCLUDED:

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

COMPATIBLE ACCESSORIES:

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



TOOLS REQUIRED:



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

STEP 1:

Locate the OEM tail lamp connector that is on the outside of the driver side frame rail



STEP 2:

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



STEP 3:

Route the harness over the top side of the frame rail, toward the center of the truck



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

STEP 6:

Test the backup alarm



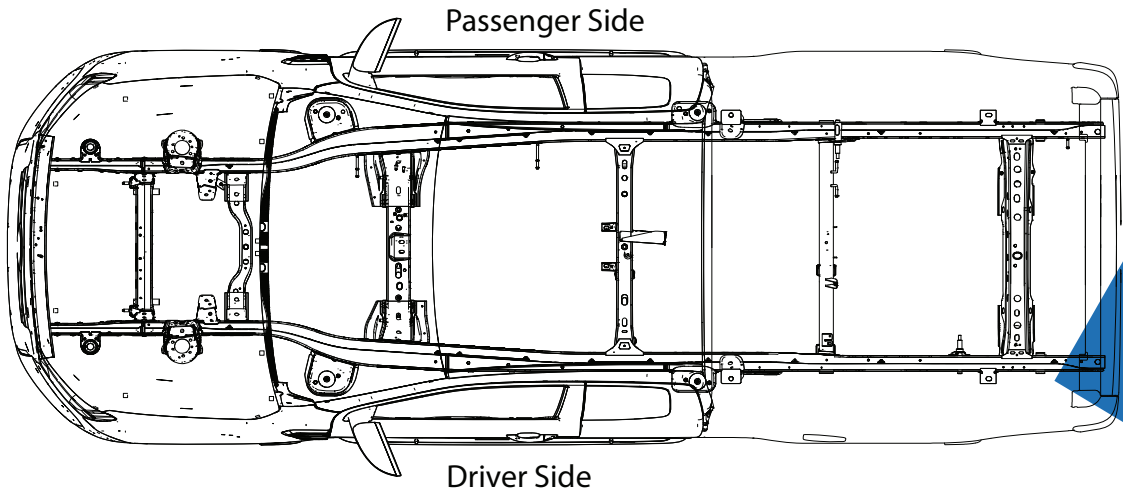
Phone – 866-766-2267

E-Mail – support@aampglobal.com

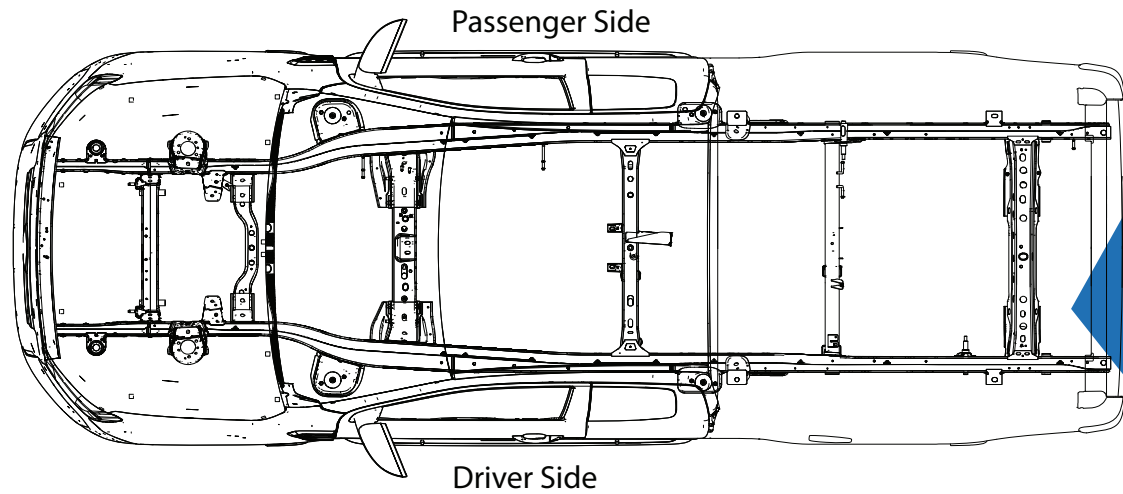


EchoMaster is a Power Brand of AAMP Global

EchoMaster.com



Inline connector
is located on outside
of driver side frame
rail near rear of vehicle



Backup alarm is located
inside of driver side frame rail

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:	
97dB Backup Alarm module	
Alarm only, requires vehicle specific harness	



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TOLERANCES & INSPECTION			PART / PRODUCT IDENTIFICATION						
UNLESS OTHERWISE SPECIFIED			<div><div><div>AS</div></div><div>ADRIAN STEEL®</div></div> <div>ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221</div>				REVISION LEVEL		
ALL BEND ANGLES ARE 90 DEGREES							C		
ALL DIMENSIONS ARE IN INCHES.			MAT'L USED:		DESIGNED BY: A. BUSSING				
REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION			DESCRIPTION: B/U ALM. MODULAR						
FEATURES		HOLES/SLOTS	ANGLES	WEIGHT (Lbs.): 1.0		SEGMENT CODE: ALA		PART NUMBER: 64019	
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			PURCHASED COMPONENT						
INITIAL ECN: 24579			REFERENCED SUPPLIER AND/OR MANUFACTURER AAMP						
CURRENT ECN: 25366			REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER BUA-97C						
ECN DESCRIPTION:			COLOR (ONLY LIST IF COLOR SPECIFIC)						
Update PPDS for B/U Alarm and GPS Reader			COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE) (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) YES						
REVISED BY: JLT									