

97dB Backup Alarm Kit - Ford SD

CATALOG NUMBER

64045

Wire Harness

Backup Alarm



PRODUCT FEATURES

- This product is compatible with the Ford Super Duty.
- This kit includes a 97dB backup alarm (64019) and a wire harness (64012).
- There are no OEM options required for this product.
- This product is not compatible with BLIS or XLT.
- How this product works: As the vehicle approaches objects the alarm will sound while in reverse.

Model Year Validated:

2022 (Does NOT work for MY '23 & '24)

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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

Plug & play harness, does not include alarm.

2020 MDY
No vehicle options required



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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-Super Duty

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 SD

WEIGHT (Lbs.): 1.0

SEGMENT CODE: ALA

PART NUMBER: 64012

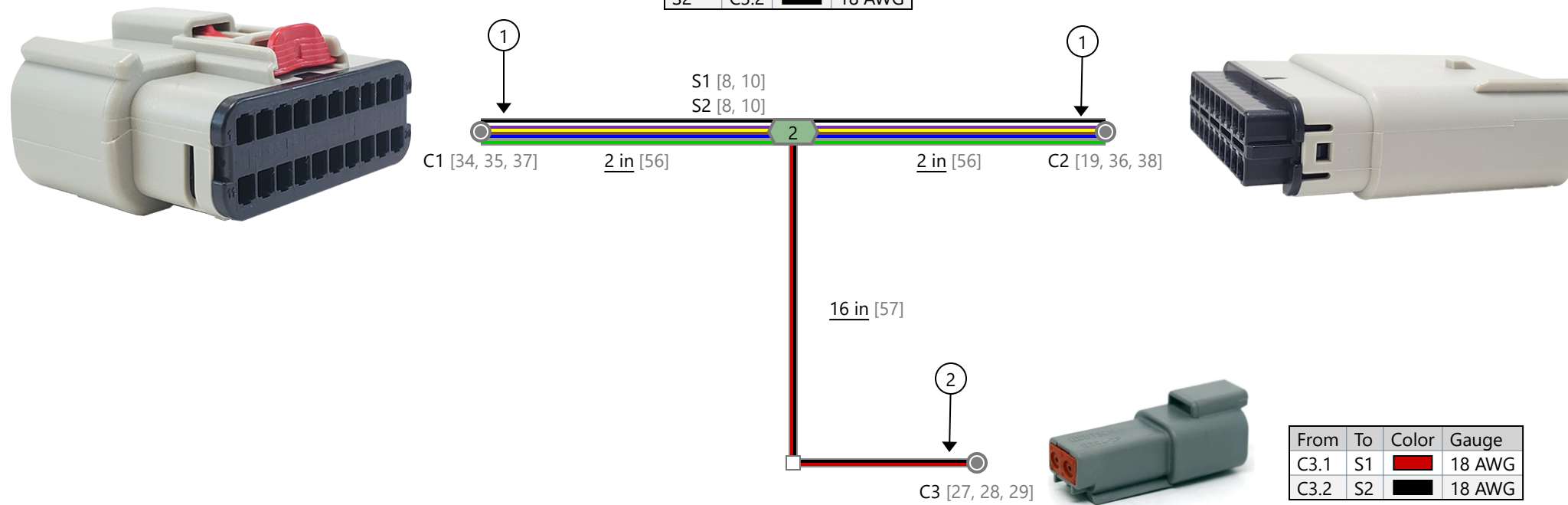
Revisions			
Rev.	Date	Author	Description
1	12/4/2020	Bennet Fisher	Initial Drawing

Coverings	
Id	Assembly
[56]	
[57]	

From	To	Color	Gauge
C1.1	S2	Blue	14 AWG
C1.2	C2.2	White	20 AWG
C1.3	C2.3	Green	18 AWG
C1.4	C2.4	White	20 AWG
C1.5	C2.5	Grey	20 AWG
C1.6	C2.6	Grey	18 AWG
C1.7	S1	Green	14 AWG
C1.8	C2.8	Brown	20 AWG
C1.9	C2.9	Grey	16 AWG
C1.10	C2.10	Yellow	18 AWG
C1.11	C2.11	Blue	14 AWG
C1.12	C2.12	Purple	20 AWG
C1.13	C2.13	White	20 AWG
C1.14	C2.14	Blue	18 AWG
C1.15	C2.15	White	20 AWG
C1.16	C2.16	Green	18 AWG
C1.17	C2.17	White	18 AWG
C1.18	C2.18	Purple	18 AWG
C1.19	C2.19	White	20 AWG
C1.20	C2.20	Black	20 AWG

From	To	Color	Gauge
S1	C1.7	Green	14 AWG
S1	C2.7	Green	14 AWG
S1	C3.1	Red	18 AWG
S2	C1.1	Blue	14 AWG
S2	C2.1	Blue	14 AWG
S2	C3.2	Black	18 AWG

From	To	Color	Gauge
C2.1	S2	Blue	14 AWG
C2.2	C1.2	White	20 AWG
C2.3	C1.3	Green	18 AWG
C2.4	C1.4	White	20 AWG
C2.5	C1.5	Grey	20 AWG
C2.6	C1.6	Grey	18 AWG
C2.7	S1	Green	14 AWG
C2.8	C1.8	Brown	20 AWG
C2.9	C1.9	Grey	16 AWG
C2.10	C1.10	Yellow	18 AWG
C2.11	C1.11	Blue	14 AWG
C2.12	C1.12	Purple	20 AWG
C2.13	C1.13	White	20 AWG
C2.14	C1.14	Blue	18 AWG
C2.15	C1.15	White	20 AWG
C2.16	C1.16	Green	18 AWG
C2.17	C1.17	White	18 AWG
C2.18	C1.18	Purple	18 AWG
C2.19	C1.19	White	20 AWG
C2.20	C1.20	Black	20 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-SUPER DUTY_	
Description	2020 Ford Super Duty 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-SUPER DUTY

Wiring Harness for Backup Alarm 2017-2021 Ford Super Duty Pickup

INSTALLATION MANUAL





Thank you for purchasing the
P-BUA-SUPER DUTY



Table of Contents

Page 3 - Tools Required For Installation

WHAT'S INCLUDED:

- **Vehicle Specific Wire Harness (P-BUA-SUPER DUTY)**

COMPATIBLE ACCESSORIES:

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



TOOLS REQUIRED:



1.

2.

3.

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



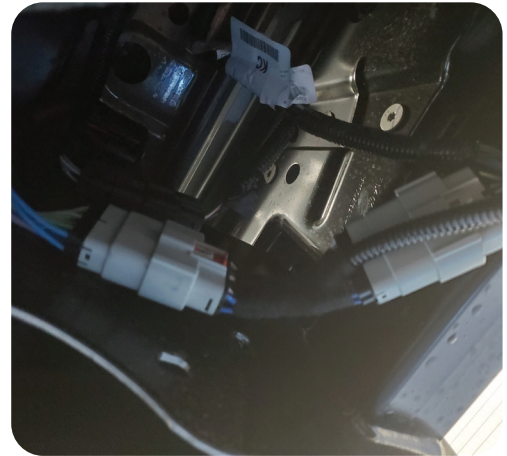
STEP 1:

Locate the OEM inline connector that is on the inside of the passenger side frame rail



STEP 2:

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



STEP 3:

Route the harness over the top side of the frame rail, toward the curb side 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

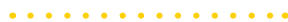


STEP 5:

Plug the backup alarm connector into the mating connector on the P-BUA-SUPER DUTY 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

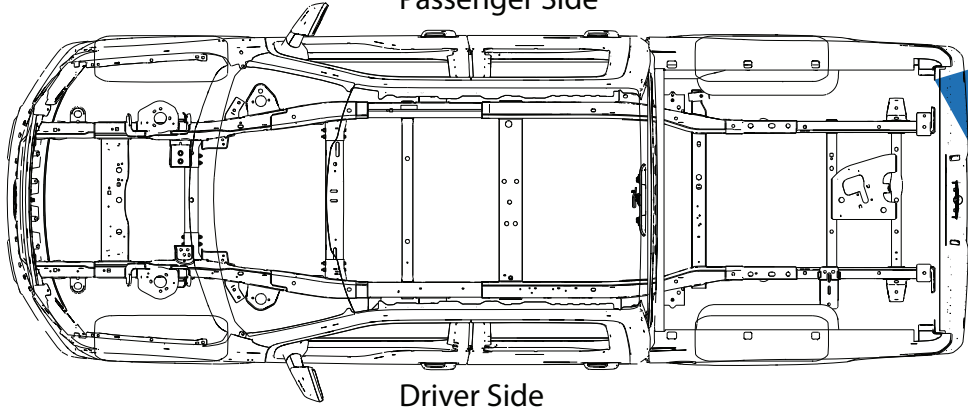
E-Mail – support@aampglobal.com



EchoMaster is a Power Brand of AAMP Global

EchoMaster.com

Passenger Side



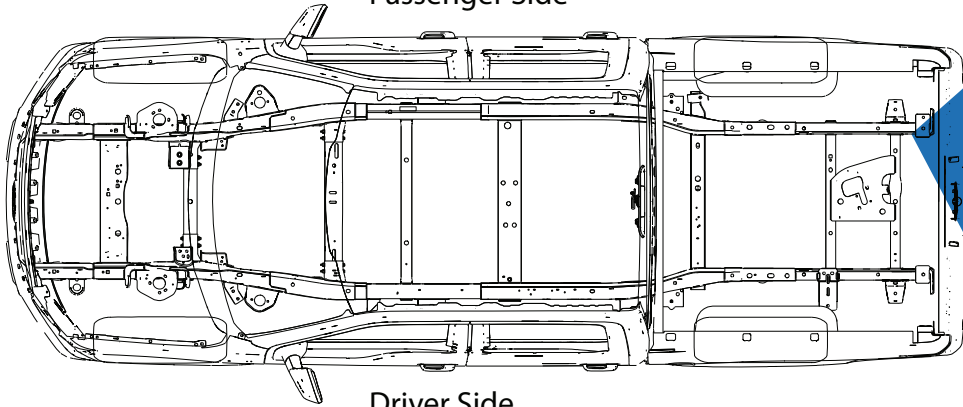
Driver Side

Rear of vehicle



Backup alarm is located below the passenger side tail lamp cavity on the curb side of the passenger side frame rail

Passenger Side



Driver Side



Inline connector is located on inside of passenger side frame rail. To the right of the spare tire.

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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Material Thickness: per ASTM Std.
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

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

C

MAT'L USED:

DESIGNED BY: **A. BUSSING**

DESCRIPTION:

B/U ALM. MODULAR

WEIGHT (Lbs.): **1.0**

SEGMENT CODE: **ALA**

PART NUMBER: **64019**