

### CATALOG NUMBER

64049

### WIRE HARNESS



### BACKUP ALARM



### PRODUCT FEATURES

- This product is compatible with the Mercedes Promaster.
- Provided in this kit is a wire harness (64016) and 97dB backup alarm (64019).
- There are no OEM options required for this product.
- There are no OEM options that this product is not compatible with.
- How this product works: The alarm will sound when the vehicle approaches objects while in reverse.

### Model Year Validated:

2025

# 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-PROMASTER**

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 PM**

WEIGHT (Lbs.): **1.0**

SEGMENT CODE: **ALA**

PART NUMBER: **64016**

Revisions

Rev.	Date	Author	Description
1	10/6/20	Bennet Fisher	Initial Drawing
2	11/2/2020	Bennet Fisher	Modified Print to fit Driver Side
3	1/8/2021	Bennet Fisher	Added 1" to harness length

Coverings

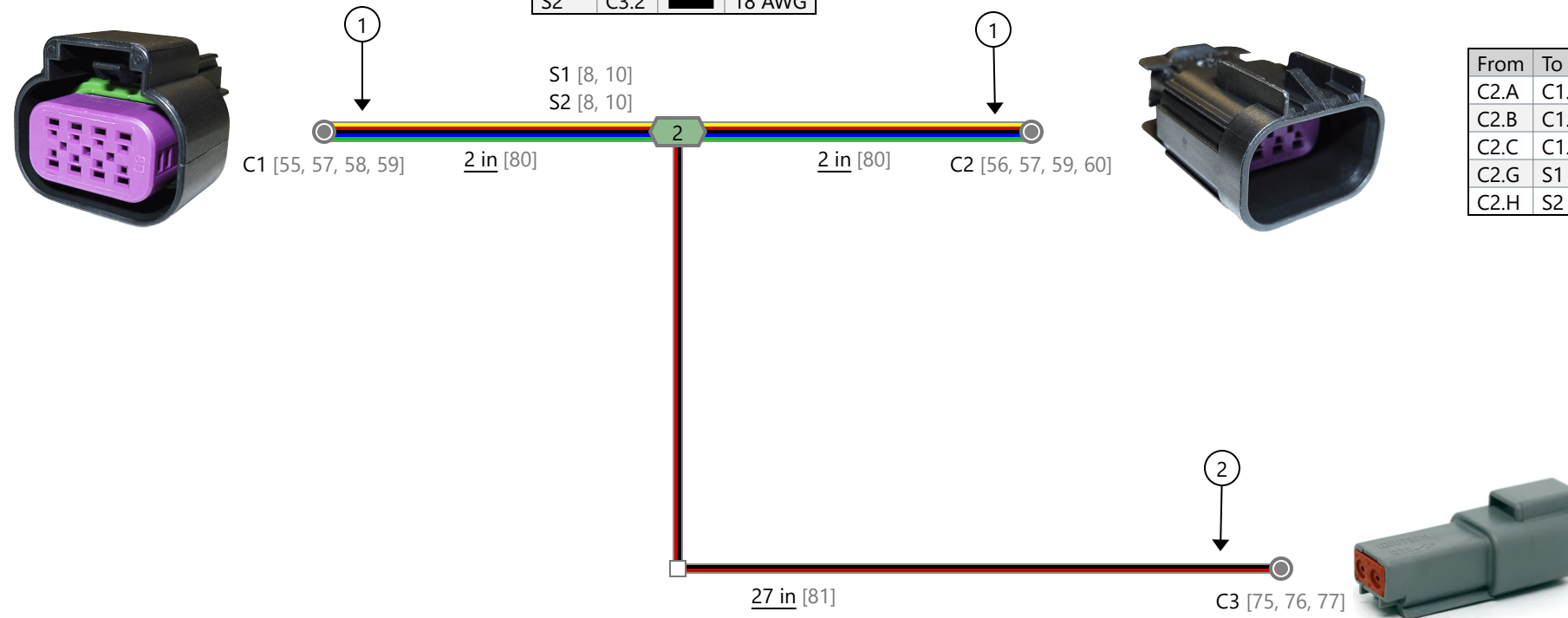
Id	Assembly
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[81]	

From	To	Color	Gauge
C1.A	C2.A	Yellow	16 AWG
C1.B	C2.B	Green	16 AWG
C1.C	C2.C	Blue	16 AWG
C1.G	S1	Red	16 AWG
C1.H	S2	Black	16 AWG

From	To	Color	Gauge
S1	C1.G	Red	16 AWG
S1	C2.G	Red	16 AWG
S1	C3.1	Red	18 AWG
S2	C1.H	Black	16 AWG
S2	C2.H	Black	16 AWG
S2	C3.2	Black	18 AWG

From	To	Color	Gauge
C2.A	C1.A	Yellow	16 AWG
C2.B	C1.B	Green	16 AWG
C2.C	C1.C	Blue	16 AWG
C2.G	S1	Red	16 AWG
C2.H	S2	Black	16 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-PROMASTER_	
Description	2020 Ram Promaster Backup Alarm T-Harness (Driver Side)		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-PROMASTER

## Wiring Harness for Backup Alarm 2018-2021 Ram Promaster

**INSTALLATION MANUAL**





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



**Table of Contents**

**Page 3 - Tools Required For Installation**

**WHAT'S INCLUDED:**

- **Vehicle Specific Wire Harness (P-BUA-PROMASTER)**

**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. #2 Phillips Bit
3. Impact Adapter
4. 17mm Socket
5. Impact Drill



## STEP 1:

Remove the (7) #2 Phillips screws from the black plastic trim panel that covers the C-pillar cavity and tail lamp connector



## STEP 2:

- Unplug the OEM tail lamp connector
- Remove the (2) 17mm fasteners that hold the tail lamp assembly in place



## STEP 3:

Plug the OEM tail lamp connector into the male end of the P-BUA-PROMASTER harness



## STEP 4:

Use an impact drill and 10mm nut-setter to install a compatible backup alarm behind the tail lamp assembly. The backup alarm should be mounted high, so that it clears the tail lamp assembly when it is re-installed.

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-PROMASTER harness



## STEP 6:

- Place any excess harness into the C-pillar cavity
- Re-install the tail lamp assembly
- Re-install the black plastic trim panel

## STEP 7:

Test the backup alarm





Phone – 866-766-2267

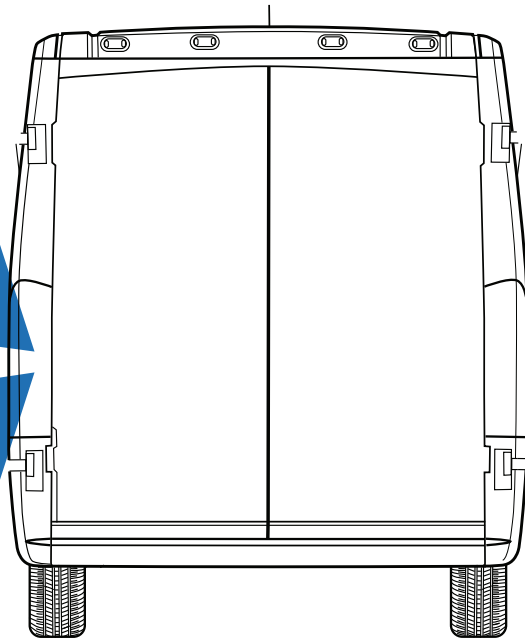
E-Mail – [support@aampglobal.com](mailto:support@aampglobal.com)



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

OEM tail lamp connector and backup alarm are located behind the driver side tail lamp



# PURCHASED COMPONENT KEY FEATURES

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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)

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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**