

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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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION			RELEASE & REVISIONS	
UNLESS OTHERWISE SPECIFIED ALL BEND ANGLES ARE 90 DEGREES ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION			INITIAL ECN:	24579
			CURRENT ECN:	25366
			ECN DESCRIPTION:	
			Update PPDS for B/U Alarm and GPS Reader	
Material Thickness: per ASTM Std. Weld Callouts per AWS			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) (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	
MAT'L USED:		DESIGNED BY: A. BUSSING	
DESCRIPTION: B/U ALM. MODULAR			
WEIGHT (Lbs.): 1.0	SEGMENT CODE: ALA	PART NUMBER: 64019	

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 AND PLAY BACK UP ALARM HARNESS

COMPATABLE WITH MY26 FORD TRANSIT
AND E-TRANSIT WITH BLIS OR COPILOT

Bill of Materials				
ID	Description	Manufacturer	Part #	QTY
1	Copper Stranded Wire		18 AWG Red GXL	36 in
2	Copper Stranded Wire		18 AWG Black GXL	36 in
3	Copper Stranded Wire		18 AWG Grey GXL	20 in
4	Copper Stranded Wire		18 AWG White GXL	20 in
5	CONN RCPT HSG 12POS 3.50MM	Molex	334721206	1
6	CONN SOCKET 18-20AWG CRIMP	Molex	880122002	12
7	CONN PLUG HSG 12POS 3.50MM	Molex	334826201	1
8	CONN PIN 16-20AWG CRIMP TIN	Molex	330000002	12
9	CONN RCPT HSG 2POS	TE Connectivity	D164-2P	1
10	CONN PIN 16-20AWG NICKEL	TE Connectivity	1050-16-0622	2
11	DT WEDGELOCK	TE Connectivity	W2P	1
12	Tape	Tesa	51036	
13	Corrugated Tubing		0.25" Nylon Split Wall	32 in

From	To	Color	Gauge
C1.1	S2	Black	18 AWG
C1.2	C2.2	Grey	18 AWG
C1.3	C2.3	White	18 AWG
C1.4	C2.4	Grey	18 AWG
C1.5	S1	Red	18 AWG
C1.6	C2.6	White	18 AWG
C1.7	C2.7	Grey	18 AWG
C1.8	C2.8	White	18 AWG
C1.9	C2.9	Grey	18 AWG
C1.10	C2.10	White	18 AWG
C1.11	C2.11	Grey	18 AWG
C1.12	C2.12	White	18 AWG



C1 [5,6]

From	To	Color	Gauge
S1	C1.1	Red	18 AWG
S1	C1.2	Red	18 AWG
S1	C1.3	Red	18 AWG
S2	C1.5	Black	18 AWG
S2	C1.6	Black	18 AWG
S2	C1.7	Black	18 AWG

①

2 in [12]

①

2 in [12]

32 in [13]

②



C3 [9,10,11]

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

From	To	Color	Gauge
C1.1	S2	Black	18 AWG
C1.2	C2.2	Grey	18 AWG
C1.3	C2.3	White	18 AWG
C1.4	C2.4	Grey	18 AWG
C1.5	S1	Red	18 AWG
C1.6	C2.6	White	18 AWG
C1.7	C2.7	Grey	18 AWG
C1.8	C2.8	White	18 AWG
C1.9	C2.9	Grey	18 AWG
C1.10	C2.10	White	18 AWG
C1.11	C2.11	Grey	18 AWG
C1.12	C2.12	White	18 AWG

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

Revisions				
REV	Date	Author	Description	
A-1	10/17/15	APD	INITIAL DRAWING FOR QUOTE	

TOLERANCES & INSPECTION UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES REFERENCE DIMENSIONS SHOWN 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		

ADRIAN STEEL	
DATE	None

Adrian Steel Company 8000 LINDEN DRIVE, GLENDALE, MI 48033-1085			
DIRECTOR			
REV	Issued To	Part Number	79399
DATE	None	None	1 OF 1

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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: 28876

CURRENT ECN: 28876

ECN DESCRIPTION:

RELEASE FOR ORDERS

REVISED BY: APO

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
STINGER

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
P-BUA-TRANSIT-BLIS

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMMODITY ITEM.)

NO

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Sheet 1 of 1

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

MAT'L USED: PURCHASED PRODUCT

DESIGNED BY: APO

DESCRIPTION: HARN, BUA TR & E-TR BLIS

WEIGHT (Lbs.): 1.0

SEGMENT CODE: ALA

PART NUMBER: 79399

REVISION LEVEL

A



P-BUA-TRANSIT-BLIS

**Wiring Harness for Backup Alarm
2026+ Ford Transit with Single Rear Wheels & BLIS**

INSTALLATION MANUAL





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

TABLE OF CONTENTS:

Page 3 - Tools Required

WHAT'S INCLUDED:

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

COMPATIBLE ACCESSORIES:

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





TOOLS REQUIRED:



1. 10mm Nut-setter
2. T-25 Torx Bit
3. Diagonal Cutters
4. Impact Drill



STEP 1:

Remove the (2) T-25 torque fasteners that are holding the tail lamp in place



STEP 2:

- Unplug the OEM tail lamp connection
- Install the P-BUA-TRANSIT-BLIS harness inline between the two OEM tail lamp connectors



STEP 3:

Route the harness down through the bottom of the tail lamp opening, behind the bumper skin, and below the vehicle





STEP 4:

Use an impact drill and 10mm nut-setter to install a compatible backup alarm beneath the driver side rear corner of the vehicle.

Note: (2) 10mm TEK screws are provided with the compatible backup alarm



STEP 5:

Use the provided p-clamps and self tapping screws to secure the harness to the underside of the vehicle



STEP 6:

Plug the backup alarm connector into the mating connector on the P-BUA-TRANSIT-BLIS harness



STEP 7:

Re-install the tail lamp assembly and test the backup alarm



Stinger[®]

Phone – 866-931-8021 (option 3)

E-Mail – techsupport@stingerdrive.com

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