Introduction / Comments:

Install Instructions For Exterior Plug & Play Lights For RAM Truck

Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638**) before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.







Installation Instructions For Exterior Plug And Play Lights For RAM Truck

Table of Contents:

Torque requirements……...2

Best Practice for Routing Through the Firewall……..3

Introduction Statement……..……4

Overall Harness Diagram……..4

Tools needed……...4

Harnesses/Components Needed (If Applicable)……5

Component Placements……6

Overall Harness Routing……7

Beginning Install……..8

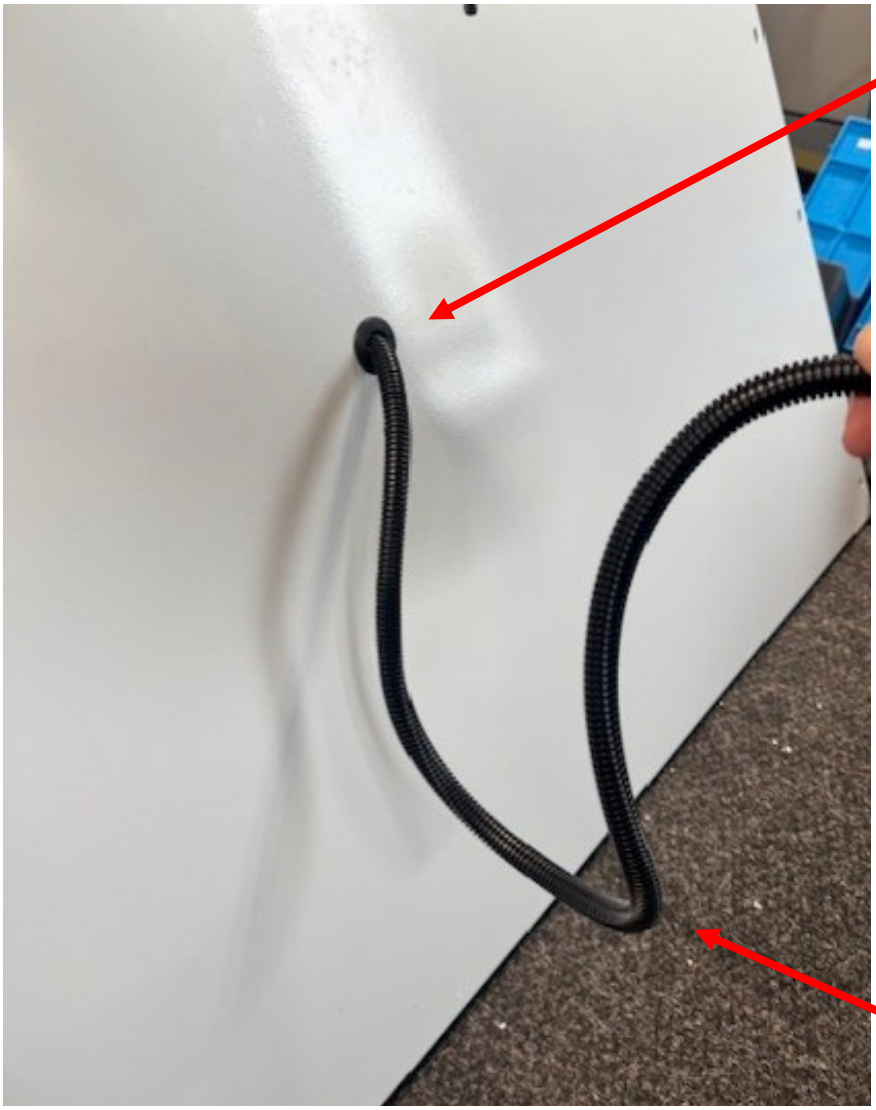
Strobe Installation Instructions……..8

*****TORQUE*****
Torque all strobe fasteners to 10 in-lbs.
DO NOT OVER TIGHTEN

DO NOT MOUNT ON A CURVED SURFACE

Best Practices to Follow when Routing Through Firewall:

- Create a drip loop with the harness being routed through the firewall as shown so that the water does not flow into the grommet.
- Make sure that the proper grommet for the hole being routed through is used so that there are no openings for water to get through.
- Use silicone after routing and apply around the grommet and wire to seal it. Make sure to let the silicone dry for 30 minutes to an hour.



Please read statement below before moving forward

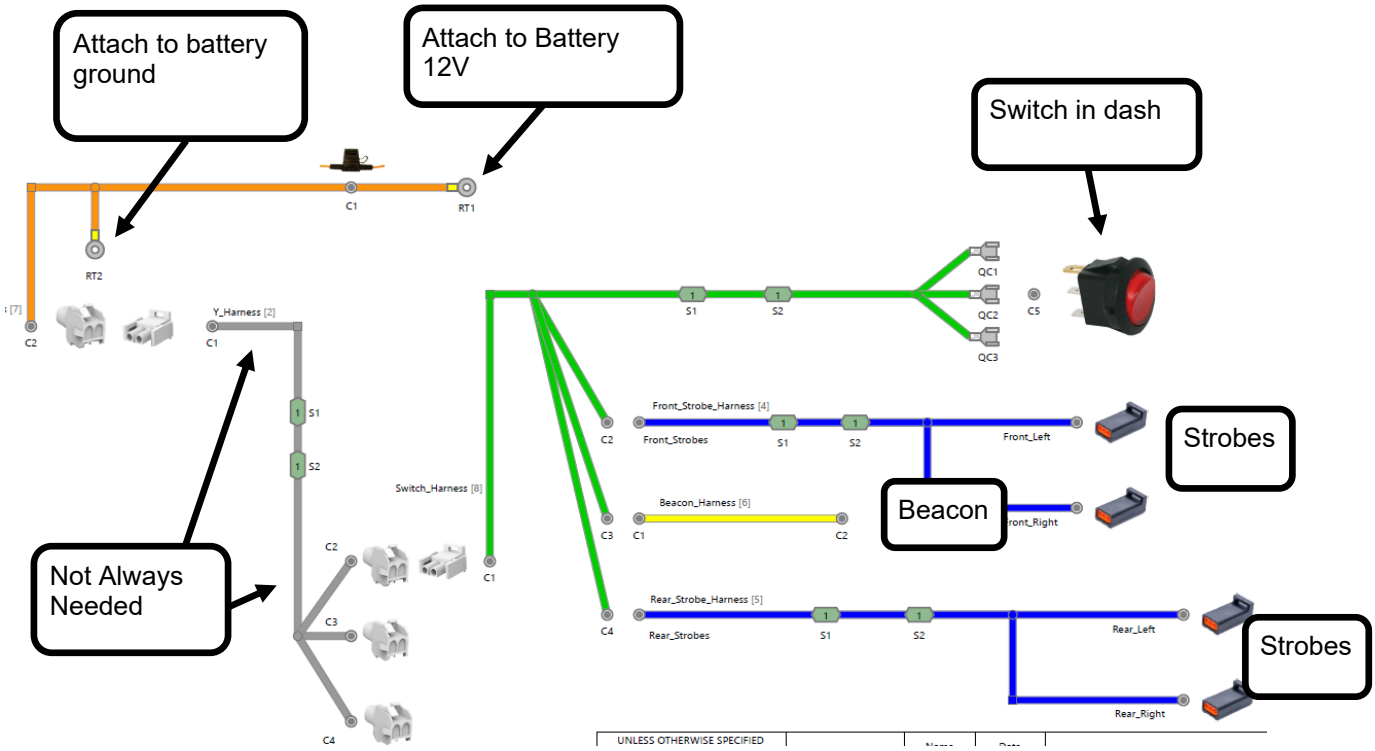
Before installation, disconnect the OEM negative battery cable.

These plug and play kits are completely modular and can be configured in many different ways. Placement of lights will be determined by sales order drawings/customer ask. Therefore, these instructions are for the most standard configurations, and for reference only.

Please reference the order drawing and spec sheet to see what components are going to be installed on this particular upfit.

These installation instructions are for most cases and for reference. Not all installs will have strobes, beacons, and lightbars. Reference the instructions for only what you are installing.

Overall Harness Diagram



Tools required:



10mm socket



Phillips bit and 5/16” step drill bit



Power drill and impact

Torque wrench

Components



	Part Number	Description
1	67095	Power Harness #4
2	67097	Switch Harness #1
3	67102	Front Strobe Harness #2 (If Applicable)
4	67107	Rear Strobe Harness #2 (If Applicable)
5	67113	Beacon/Lightbar Harness #3 (If Applicable)
6	67686 or 67687	Strobes (If Applicable)
7	67689 or 67690	Beacons (If Applicable
8	52769 or 56075	Beacon/Lightbar Mount (If Applicable)
9	67691 or 67692 or 96118 or 67693	Lightbars (If Applicable)

The purpose of plug and play lighting is to be completely modular. Due to this feature, refer to the order drawing for all exact lighting placements. These installation instructions are for most cases and for reference. Not all installs will have strobes, beacons, and lightbars. Reference the instructions for only what you are installing.

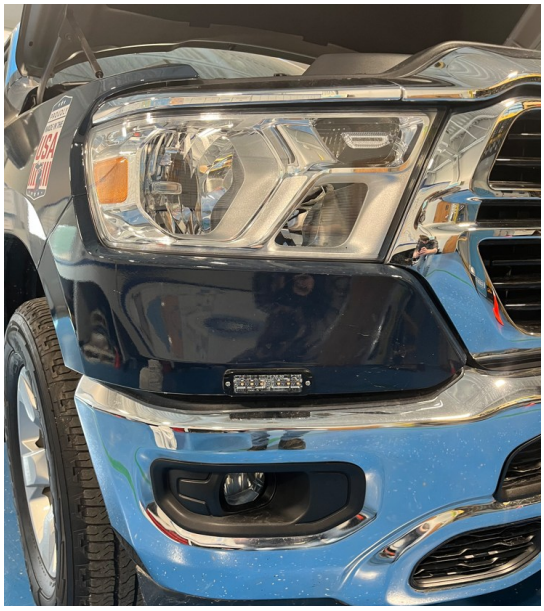
Harness pictures are for reference only.

Placements

Switch placement: Dash panel right of park brake.



Front Strobes: Grill

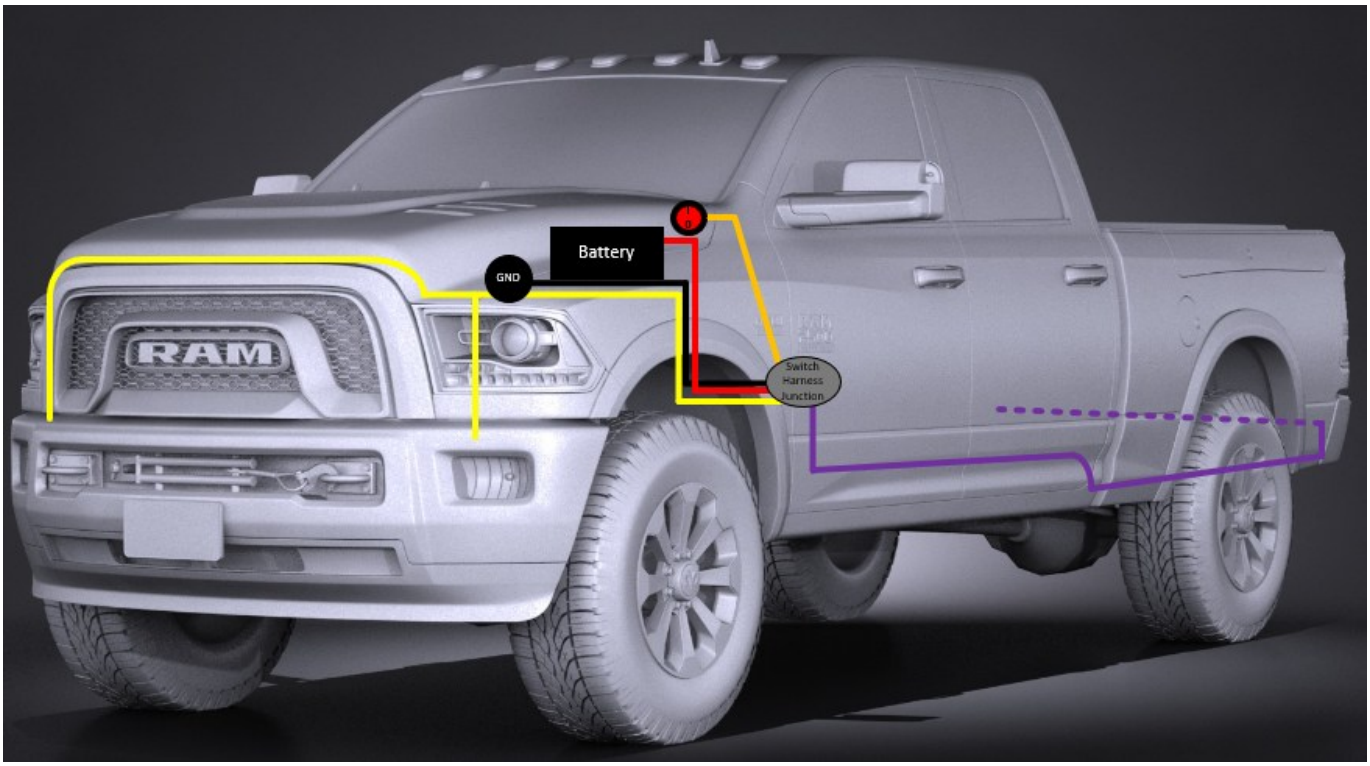


*****TORQUE STROBES TO 10-IN-LB'S MAXIMUM*****

Rear Strobes: Rear Bumper



Routing Overview



Color	Key - Items
Yellow	Strobes - Front strobe harness #2
Red/Black	Power harness: Battery to kick panel
Orange	Switch harness: Switch in dash
Blue	Beacon harness: Switch to beacon
Purple	Strobes - Rear strobe harness #2



Figure 8.1

Step 1: Locate the power harness #67095.

Remove the fuse from the inline fuse holder until he end of the install

Locate the OEM battery under the hood.

Step 2:
Attach the red wire with the ring terminal to the battery positive post.

Attach the black wire with the ring terminal to the OEM ground stud just forward of the battery.
Figure 8.1.

Step3:
Locate the firewall grommet from underneath the kick panel inside the cab on the driver's side.
Figure 8.2.



Figure 8.2

Drill a hole (to fit the grommet on the power harness) to the bottom-right of the OEM grommet, like shown.

BE SURE TO CHECK THAT THE OPPOSING SIDE OF THE FIREWALL IS CLEAR BEFORE DRILLING.

Route the white connector end through the firewall and insert the grommet on the sheet metal. Make sure to leave a drip loop with the harness.

Reference Pg. 3 for routing through the firewall.

Power harness

Switch Harness



Step 4:
Locate the switch harness #67097

Connect the switch harness connector to the power harness in the kick panel area.

Remove the knee bolster trim.

Route the switch end of the switch harness up the dash and through the opening.

Secure to the OEM harnesses behind the IP.



Front

Figure 9.1

Step 5:
Drill a hole for the switch, in the trim panel like shown below.

The hole will be 2” inches up from the bottom of the trim panel and 1.5” from the right edge.

Route the harnesses through the hole.

Step 6:
Connect the ground spade to the gold pin on the rocker switch

Connect the white battery power spade to the opposite terminal on the switch.

Connect the red spade to the middle pin

Insert the switch into the hole and place the strobe/beacon decal (if supplied) around the switch.

Reassemble all trim and secure wiring.

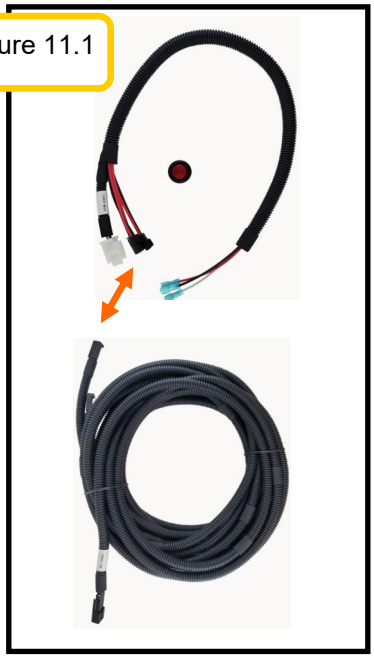




Strobe Install—If Applicable

Strobe pictures are for reference only. Please refer to product structure/spec sheets for the actual strobes for the install.

Figure 11.1



Step 1:
Locate the rear strobe harness #67107.

Connect the rear strobe harness to the switch harness (one of the remaining unused connectors) in the driver's foot well.

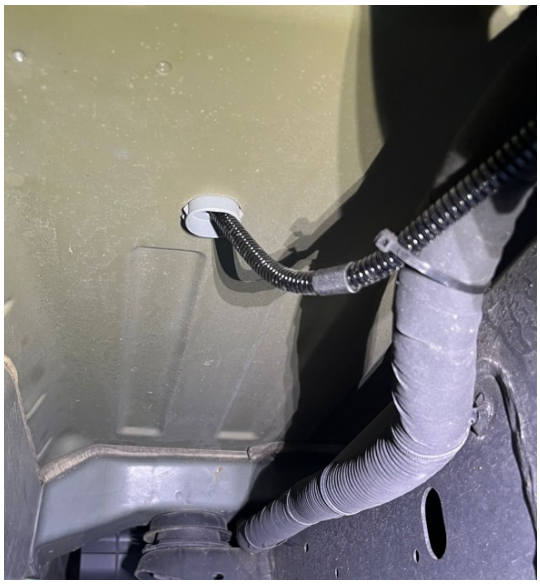
Step 2:
Locate the driver's side door sill area.

Use a trim tool to remove the trim panels in the driver's step well and dash/kick panel.

Continue routing to the rear door sill trim.







Step 3: Routing (Refer to routing diagrams at the beginning of the instructions)

Lift the rear carpet and locate the OEM grommet.

From below the vehicle, use a knife to cut an ‘X’ into the grommet.

Route the harness under the carpet and through the grommet.

Follow the frame to the rear of the vehicle.

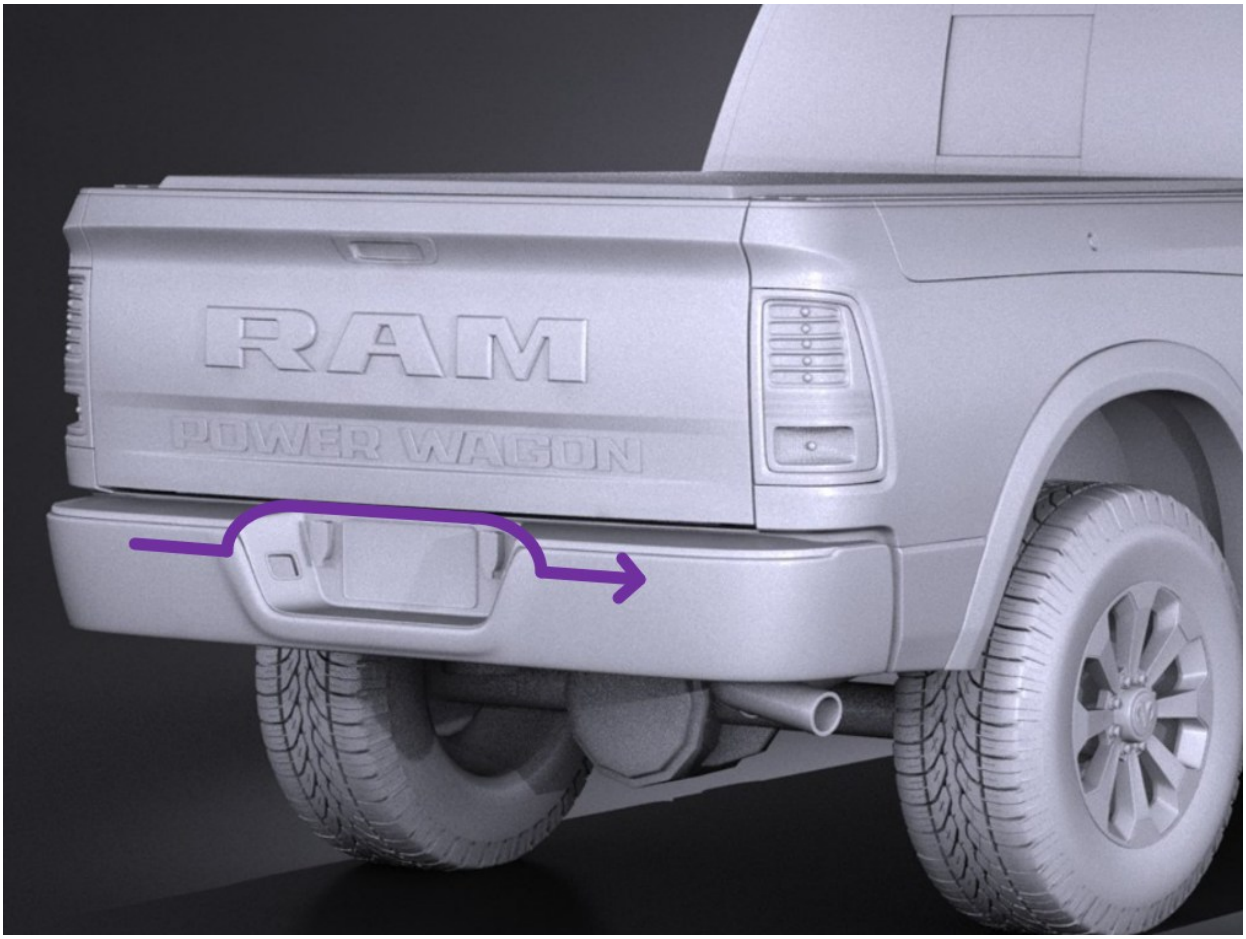




Step 4: Mounting Rear Strobes

From the trim split, measure 1.5” inward and 2” down. Mark and drill the hole for the cable passthrough.

Repeat for the passenger side.



Step 5: Routing (Refer to routing diagrams at the beginning of the instructions)

Using the front strobe harness, connect to the switch harness and pass through the firewall.

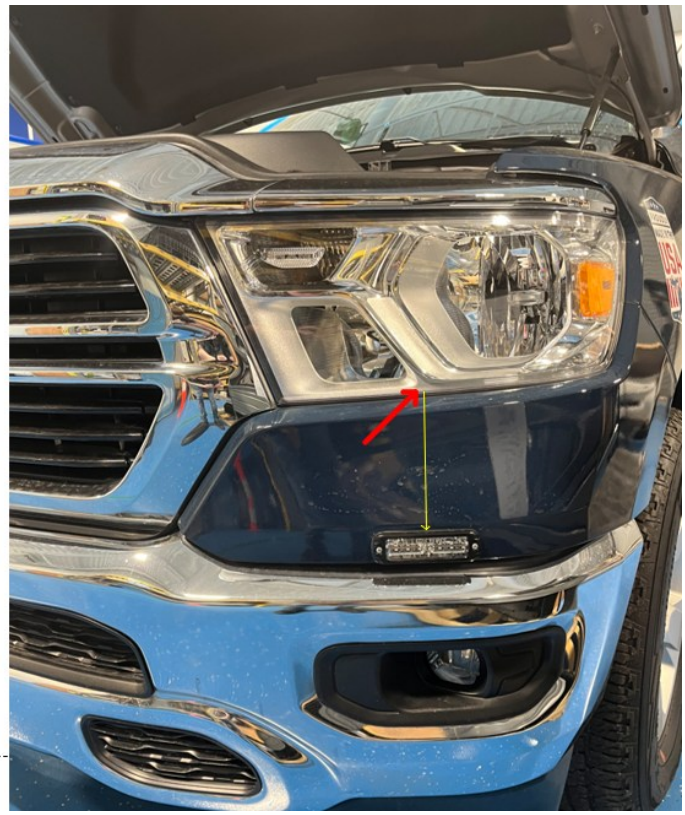
Remove the plastic cover from the front. Route the harness along the outside edge towards the front of the vehicle. Drop the shorter leg down and continue to the passenger side. Route the harness below the cover.



Step 6: Mounting Front Strobes

Locate the split in the headlight, this will be the horizontal indicator of where to place the strobes.
The bottom edge of the strobe will be flush with the bottom of the plastic panel.









Insert the fuse into the inline-fuse holder on the power harness. The install is now complete. Secure all wiring with zip ties. Re-attach all trim. Re-assure all pass through holes have been silicone. Double check the functionality of the lights and switches.

PART NUMBER
13905-0

ITEM DESCRIPTION: WIRE TIE, NYLON 40Lb, 8.5” BLACK



MANUFACTURER: WAYTEK, INC. or equivalent
MANUFACTURERS PART NUMBER: 21093M or 21093C

SPECIFICATIONS: STANDARD CABLE TIE
BLACK, NYLON
8-1/2” LONG
TENSILE STRENGTH: 40.0 LBS
21093M = 1,000 quanity
21093C = 100 quanity

SPECIAL NOTES: PART NUMBER IS BLACK.

SUPPLIED BY: THIS ITEM IS ADRIAN AVAILABLE!

PURCHASED PRODUCT DATA SHEET (PPDS)

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ADRIAN, MI 49221
517-265-6194
WWW.ADRIANSTEEL.COM

⚠ CAUTION ⚠

WHEN INSTALLING EQUIPMENT IN OR ON VEHICLES CHECK FOR FUEL TANKS, FUEL LINES, CONTROL LINES AND ELECTRICAL WIRING BEFORE DRILLING! ALWAYS USE DRILL BITS WITH INTEGRAL STOPS WHENEVER POSSIBLE!

DRAWN BY	DATE DRAWN
MDG	10/26/2006
ECN NUMBER	ECN DATE
18021	11/13/2015
PART WEIGHT	REV. LEVEL
0.01 LBS.	D

PART NUMBER
13905-0

PART NUMBER
26618-0

ITEM DESCRIPTION: SILICONE, 1oz. TUBE



SPECIFICATIONS:
SU5005 RTV SILICONE
1oz. TUBE
CLEAR OR EQUIVILENT
SELF PIERCING CAP

SPECIAL NOTES:

SUPPLIED BY: THIS ITEM IS ADRIAN AVAILABLE!

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DRAWN BY	DATE DRAWN
JLC	7/21/2001
ECN NUMBER	ECN DATE
16551	7/22/2014
PART WEIGHT	REV. LEVEL
0.02 LBS.	C

PART NUMBER
26618-0

PART NUMBER
26618-0

ITEM DESCRIPTION: SILICONE, 1oz. TUBE



SPECIFICATIONS:
SU5005 RTV SILICONE
1oz. TUBE
CLEAR OR EQUIVILENT
SELF PIERCING CAP

SPECIAL NOTES:

SUPPLIED BY: THIS ITEM IS ADRIAN AVAILABLE!

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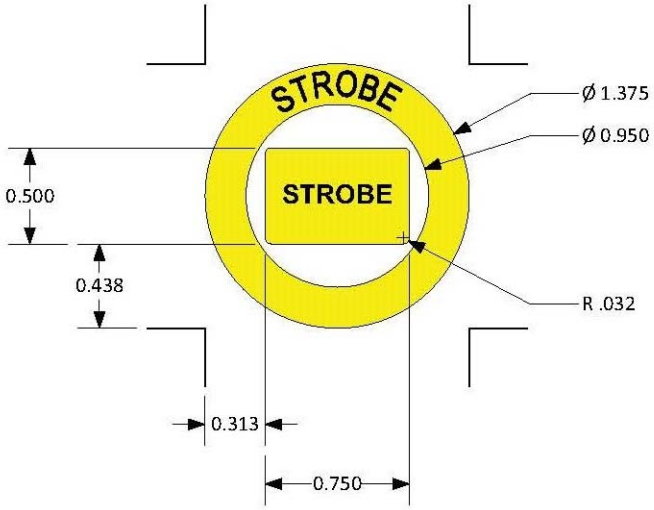
DRAWN BY	DATE DRAWN
JLC	7/21/2001
ECN NUMBER	ECN DATE
16551	7/22/2014
PART WEIGHT	REV. LEVEL
0.02 LBS.	C

PART NUMBER
26618-0

PART NUMBER **55073**

ITEM DESCRIPTION: STROBE SWITCH DECAL SET



MANUFACTURER: VANNER
MANUFACTURERS PART NUMBER: TBD

SPECIFICATIONS: (1) Circular Yellow Decal (ID=0.950", OD=1.375") with "STROBE" in black letters
(1) Rectangular Yellow Decal (H=0.500", L=0.750") with "STROBE" in black letters

SPECIAL NOTES: For round rocker switch (OD=0.780") and Ford Transit Upfitter Switches.

SUPPLIED BY: THIS ITEM IS ADRIAN AVAILABLE!

PURCHASED PRODUCT DATA SHEET (PPDS)

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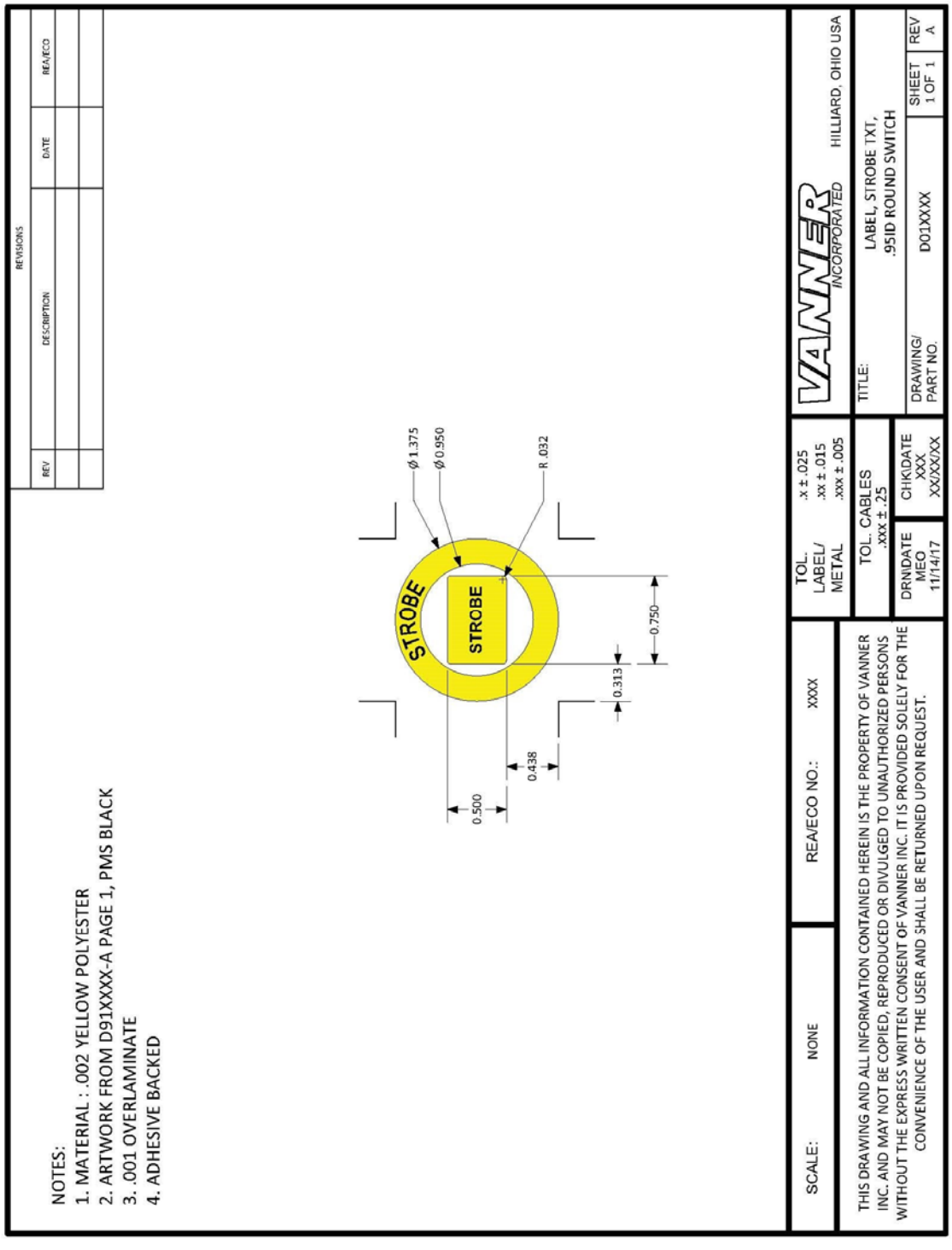
DRAWN BY	DATE DRAWN
RJB	**11/15/2017**
ECN NUMBER	**ECN DATE**
XXXX	**XXXXXX**
PART WEIGHT	**REV. LEVEL**
0.02 LBS.	**A**
PART NUMBER	
55073	

PART NUMBER
55073



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DRAWN BY	DATE DRAWN
RJB	11/15/2017
ECN NUMBER	**ECN DATE**
XXXX	XXXXXXX
PART WEIGHT	**REV. LEVEL**
0.02 LBS.	A
PART NUMBER	
55073	

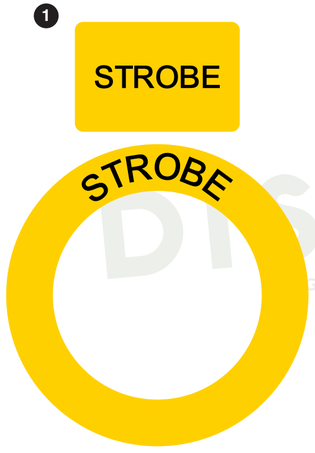
FINAL APPLICATION LAYOUT

IMPORTANT NOTE TO INSTALL CREWS:

LOC | QTY | Part # | Description | Size

Material: IJ39 | Lamination: 8518

1 | 1: 6039597.Strobe Switch-1.52" x 2.07"



Note: Part will not be weeded, just cut.

Kit# 8001872 | Adrian Steel Part # 55073

06/01/2023 • JY

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ASCO REV.1 6/14/2023

DISTYLL GRAPHIC SOLUTIONS FINAL DESIGN	CLIENT NAME: Adrian Steel		Switch Decals		O-ID: O15319-1
	DATE: 05/31/2023	DESIGNER: TRN			Rev #: XXXX
					Opt #: A

Please check information to confirm accurate vehicle specifications.

CLEANING INSTRUCTIONS All surfaces must be considered contaminated. Clean the vehicle surface immediately before applying the film. Dust and other contaminates can collect quickly on the surface and prevent the film from adhering properly. Even a freshly painted surface can collect dust before graphics can be applied.

For the best success with the films recommended for vehicle graphics, always apply the graphics when the air and vehicle surface are both above 60°F (16°C) and below 90°F (32°C) before beginning the installation.

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:** **This is also from HellermannTyton:** **Their Part Number is 156-00592**



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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: 22671

CURRENT ECN: 22671

ECN DESCRIPTION:

RELEASE TO PRODUCTION

REVISED BY: **EMS**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
Fastenal

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
0787863

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL
A

MAT'L USED:

DESIGNED BY: **EMS**

DESCRIPTION:
Clip, Black UV Tie, HellermannTyton

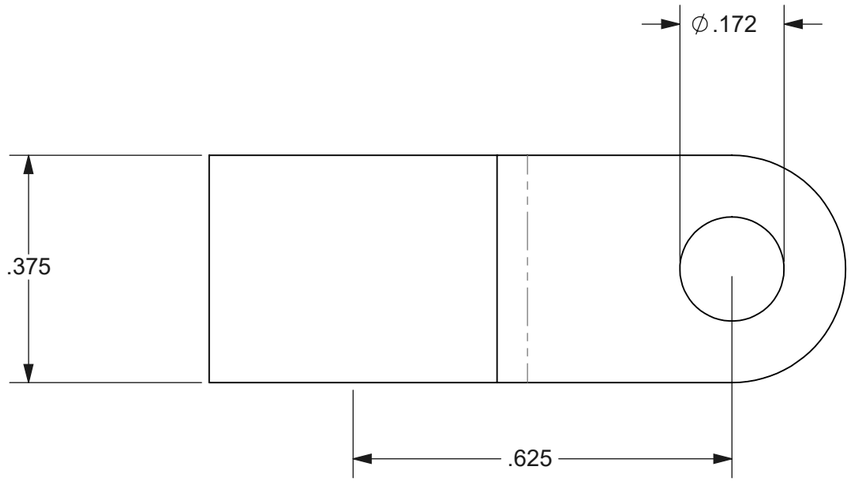
WEIGHT (Lbs.): **0.5**

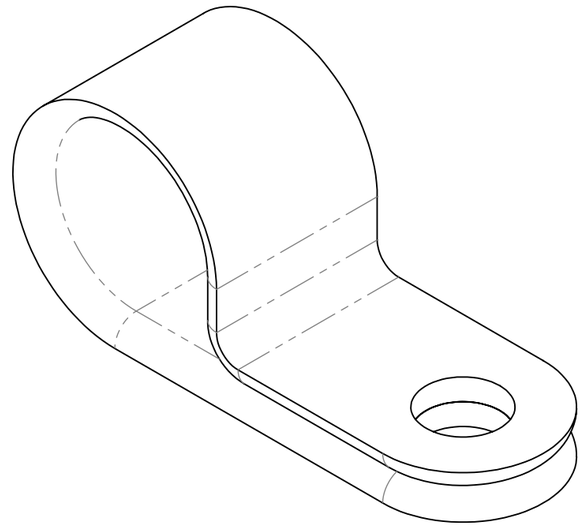
SEGMENT CODE: **ELE**

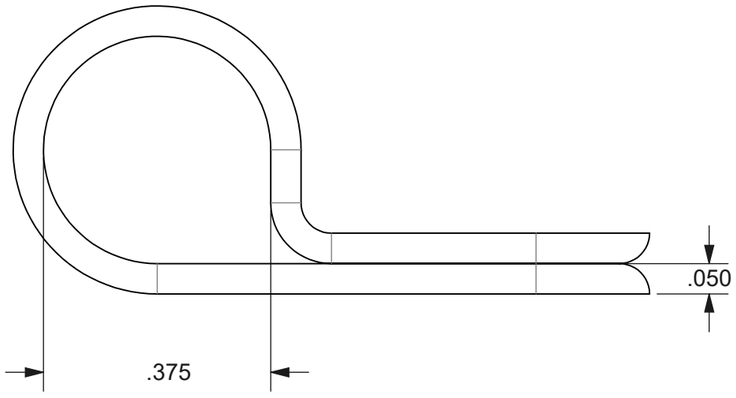
PART NUMBER: **59713**

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 **N/A**







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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: **25297**

CURRENT ECN: **25334**

ECN DESCRIPTION:

UPDATE SUPPLIER TO SAY EQUIVALENT

REVISED BY:

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
MCMASTER-CARR OR EQUIVALENT

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
8876T38 OR EQUIVALENT

COLOR (ONLY LIST IF COLOR SPECIFIC)
BLACK

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL **B**

MAT'L USED:

DESIGNED BY: **E.BURKE**

DESCRIPTION: **Nylon Plastic Loop Clamp**

WEIGHT (Lbs.): **0.001**

SEGMENT CODE: **HDW**

PART NUMBER: **66843**

Bill of Materials

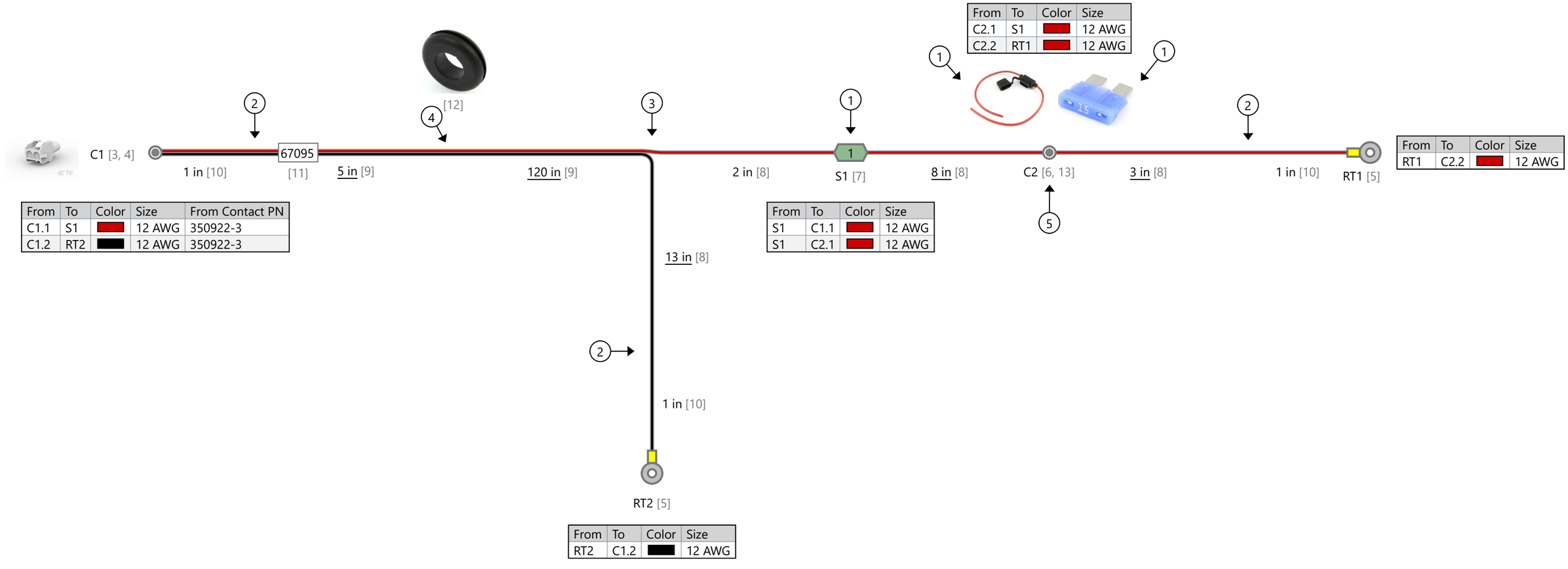
Id	Description	Manufacturer	Part Number	Quantity
1	Red, 12 AWG, TXL, 19/25 Stranding	Prysmian	140682-91W	128 in
2	Black, 12 AWG, TXL, 19/25 Stranding	Prysmian	145823-91W	140 in
3	MATE-N-LOK Connector, 2pos, Receptacle	TE Connectivity	1-480699-0	1
4	MATE-N-LOK Contact, 10-12 AWG, Pin	TE Connectivity	350922-3	2
5	Heat Shrink Ring Terminal, 12-10 AWG, 3/8" Stud	Molex	19164-0068	2
6	ATO/ATC In-Line Fuse Holder, 12 AWG, 30A	Egis	901028	1
7	Splice, Undetermined Length		Generic Splice	1
8	Corrugated Loom, Split Nylon, .250" ID, Black w/ Gray Stripe	Drossbach	014NPBSG BLACK/GRAY	26 in
9	Corrugated Loom, Split Nylon, .350" ID, Black w/ Gray Stripe	Drossbach	038NPBSG0000XZS	125 in
10	Anti-Abrasion Wire Harness Tape, Black	Tesa	TS51036 1.	
11	Generic Heat Shrink Label		Label	1
12	Rubber Grommet, 1/2" ID, 13/16" Panel Hole	Waytek	24514	1
13	ATOF Blade Fuse, 15A, 32VDC, Blue	Littelfuse	0287015.PXCN	1

Coverings

Id	Assembly
[8]	
[9]	
[10]	

Notes

1. Engineering Equivalence Allowed
2. Lock tape loom to wires with Tesa 51036
3. Tape joint with Tesa 51036
4. Install grommet over loom 6" from C1
5. Install 15A ATO fuse in fuse holder



Revisions

Rev.	Date	Author	Description
A	10/28/2026	Andrew Oswalt	Initial Drawing

Initial ECN	25378	Drawn By	APO	Part Number 67095 Or PWR-HAR4	Segment ELE
Current ECN	25378	Weight (lb)	0.2	Description POWER HARNESS EXTERIOR 4	
ECN Description RELEASE FOR PRODUCTION		Sheet	1 of 1	All dimensions in inches unless otherwise specified. Harness length tolerance = +/- 5%, max ≤ 5 in. Loom/tape to connector gap = 1 in. +/- 10% Wires in bundle length tolerance = +/- 5%, max ≤ 1 in. Terminal/contact wire strip length tolerances controlled by MFR.	
		Size	11" x 17"		

ADRIAN

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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



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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: 25378

CURRENT ECN: 25378

ECN DESCRIPTION:

RELEASE FOR PRODUCTION

REVISED BY:

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP GLOBAL

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
SSW-HAR1 OR 67097

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL **A**

MAT'L USED: **PURCHASED**

DESIGNED BY: **E.BURKE**

DESCRIPTION: **SWITCH HARNESS 1 EXTERIOR LIGHTING**

WEIGHT (Lbs.): **0.2**

SEGMENT CODE: **ELE**

PART NUMBER: **67097**

Coverings	
Id	Assembly
[12]	

Notes	
1	Lock Tape Loom with Tesa 51608
2	75mm between end of loom and Quick Connects



1

C1 [7, 8]

SSW-HAR1

[14]

75 mm [12]

From	To	Color	Gauge
C1.1	QC3		16 AWG
C1.2	S1		16 AWG

From	To	Color	Gauge
S1	C1.2		16 AWG
S1	C2.B		16 AWG
S1	C3.B		16 AWG
S1	C4.B		16 AWG
S1	QC1		16 AWG

From	To	Color	Gauge
S2	C2.A		16 AWG
S2	C3.A		16 AWG
S2	C4.A		16 AWG
S2	QC2		16 AWG

1

50 mm [12]

S1 [10, 11]

1

50 mm [12]

S2 [10, 11]

1

360 mm [12]

2

1

75 mm

QC1 [9]

QC2 [9]

QC3 [9]

From	To	Color	Gauge
QC1	S1		16 AWG
QC2	S2		16 AWG
QC3	C1.1		16 AWG

75 mm



C2 [4, 5, 6]

From	To	Color	Gauge
C2.A	S2		16 AWG
C2.B	S1		16 AWG

75 mm



C3 [4, 5, 6]

From	To	Color	Gauge
C3.A	S2		16 AWG
C3.B	S1		16 AWG

75 mm



C4 [4, 5, 6]

From	To	Color	Gauge
C4.A	S2		16 AWG
C4.B	S1		16 AWG



Loose Switch to be included with Harness

Revisions			
Rev.	Date	Author	Description
A	11/5/2021	Bennet Fisher	Initial Drawing

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS [INCHES]
TOLERANCES: ±5MM

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	Name	Date
Designed By	Bennet Fisher	11/5/2021
Engineering Approval	----	----
Manufacturing Approval	----	----
Revision Approval	----	----
Quality Assurance	----	----

AAMP
ADVANCING VEHICLE TECHNOLOGY

Part Number: SSW-HAR1

Revision: ----

Description:
Strobe Switch Harness - 3 Outputs

Sheet:
1 of 1

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



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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: **25378**

CURRENT ECN: **25378**

ECN DESCRIPTION:

RELEASE FOR PRODUCTION

REVISED BY:

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP GLOBAL

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
FS-HAR2 OR 67102

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL **A**

MAT'L USED: **PURCHASED**

DESIGNED BY: **E.BURKE**

DESCRIPTION: **FRONT STROBE HARNESS 2**

WEIGHT (Lbs.): **0.2**

SEGMENT CODE: **ELE**

PART NUMBER: **67102**

Coverings	
Id	Assembly
[12]	

Notes	
1	Lock Tape Loom with Tesa 51036



Front_Strobes [1, 2, 3]

From	To	Color	Gauge
Front_Strobes.A	S1		16 AWG
Front_Strobes.B	S2		16 AWG

1

FS-HAR2 [13]

1575 mm [12]

1

S1 [6, 7]

50 mm [12]

1

S2 [6, 7]

50 mm [12]

From	To	Color	Gauge
S1	Front_Left.1		20 AWG
S1	Front_Right.1		20 AWG
S1	Front_Strobes.A		16 AWG
S2	Front_Left.2		20 AWG
S2	Front_Right.2		20 AWG
S2	Front_Strobes.B		16 AWG

660 mm [12]

1

Front_Left [4, 5]



From	To	Color	Gauge
Front_Left.1	S1		20 AWG
Front_Left.2	S2		20 AWG

1

1750 mm [12]

Front_Right [4, 5]



From	To	Color	Gauge
Front_Right.1	S1		20 AWG
Front_Right.2	S2		20 AWG

Revisions			
Rev.	Date	Author	Description
A	11/5/2021	Bennet Fisher	Initial Drawing

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS [INCHES]
TOLERANCES: ±5MM

PROPRIETARY AND CONFIDENTIAL

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	Name	Date
Designed By	Bennet Fisher	11/5/2021
Engineering Approval	----	----
Manufacturing Approval	----	----
Revision Approval	----	----
Quality Assurance	----	----

AAMP
ADVANCING VEHICLE TECHNOLOGY

Part Number: FS-HAR2

Revision: ----

Description:
Front Strobe Harness

Sheet:
1 of 1

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



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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: 25378

CURRENT ECN: 25378

ECN DESCRIPTION:

RELEASE FOR PRODUCTION

REVISED BY:

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
AAMP GLOBAL

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
RS-HAR2 OR 67107

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL
A

MAT'L USED: PURCHASED

DESIGNED BY: E.BURKE

DESCRIPTION: REAR STROBE HARNESS 2

WEIGHT (Lbs.): 0.2

SEGMENT CODE: ELE

PART NUMBER: 67107

Coverings	
Id	Assembly
[12]	

Notes

1. Lock Tape Loom with Tesa 51036



Rear_Strobes [1, 2, 3]

From	To	Color	Gauge
Rear_Strobes.A	S1		16 AWG
Rear_Strobes.B	S2		16 AWG

RS-HAR2 [13]

6100 mm [12]

1

S1 [6, 7]

50 mm [12]

1

S2 [6, 7]

50 mm [12]

From	To	Color	Gauge
S1	Rear_Left.1		20 AWG
S1	Rear_Right.1		20 AWG
S1	Rear_Strobes.A		16 AWG
S2	Rear_Left.2		20 AWG
S2	Rear_Right.2		20 AWG
S2	Rear_Strobes.B		16 AWG

360 mm [12]



Rear_Left [4, 5]

From	To	Color	Gauge
Rear_Left.1	S1		20 AWG
Rear_Left.2	S2		20 AWG

2040 mm [12]



Rear_Right [4, 5]

From	To	Color	Gauge
Rear_Right.1	S1		20 AWG
Rear_Right.2	S2		20 AWG

Revisions

Rev.	Date	Author	Description
A	11/5/2021	Bennet Fisher	Initial Drawing

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS [INCHES]
TOLERANCES: ±5MM

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	Name	Date
Designed By	Bennet Fisher	11/5/2021
Engineering Approval	----	----
Manufacturing Approval	----	----
Revision Approval	----	----
Quality Assurance	----	----

AAMP
ADVANCING VEHICLE TECHNOLOGY

Part Number: RS-HAR2 | Revision: ----

Description: Rear Strobe Harness | Sheet: 1 of 1

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 **ECCO STROBE LIGHT: ED3801** **WITH EXTERIOR PLUG AND PLAY CONNECTOR**





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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: **25921**

CURRENT ECN: **25921**

ECN DESCRIPTION:

RELEASE TO PRODUCTION

REVISED BY: **N/A**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
ECCO

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER
ED3801A-ADR

COLOR (ONLY LIST IF COLOR SPECIFIC)
AMBER LED/CLEAR LENS

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERANCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)
NO

PART / PRODUCT IDENTIFICATION

ADRIAN STEEL®

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL **A**

MAT'L USED: **PURCHASED**

DESIGNED BY: **EMB**

DESCRIPTION: **ECCO STROBE ED3801A W/CON**

WEIGHT (Lbs.): **0.5**

SEGMENT CODE: **EST**

PART NUMBER: **67686**