

**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 quantity  
 21093C = 100 quantity

SPECIAL NOTES: PART NUMBER IS BLACK.

**SUPPLIED BY: THIS ITEM IS ADRIAN AVAILABLE!**

**PURCHASED PRODUCT DATA SHEET (PPDS)**

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**ADRIAN STEEL**  
 VAN AND PICKUP EQUIPMENT

906 JAMES STREET  
 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  
 MDG

DATE DRAWN  
 10/26/2006

ECN NUMBER  
 18021

ECN DATE  
 11/13/2015

PART WEIGHT  
 0.01 LBS.

REV. LEVEL  
 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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LINES, CONTROL LINES AND ELECTRICAL  
WIRING BEFORE DRILLING! ALWAYS USE  
DRILL BITS WITH INTEGRAL STOPS  
WHENEVER POSSIBLE!**

DRAWN BY  
JLC

DATE DRAWN  
7/21/2001

ECN NUMBER  
16551

ECN DATE  
7/22/2014

PART WEIGHT  
0.02 LBS.

REV. LEVEL  
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!**

**PURCHASED PRODUCT DATA SHEET (PPDS)**

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 WHENEVER POSSIBLE!**

DRAWN BY  
 JLC

DATE DRAWN  
 7/21/2001

ECN NUMBER  
 16551

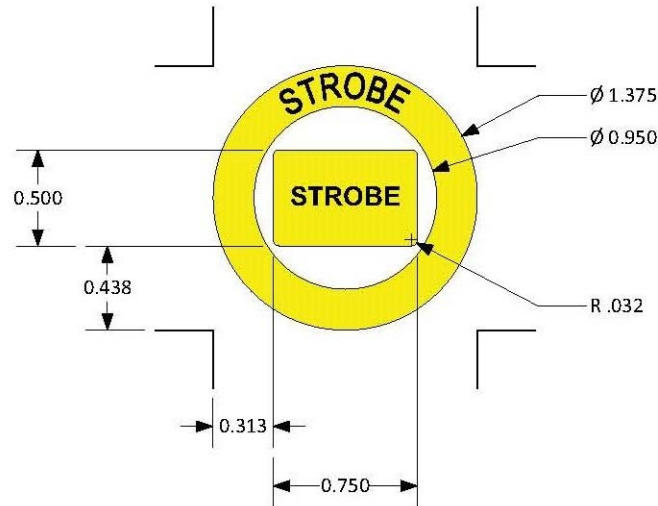
ECN DATE  
 7/22/2014

PART WEIGHT  
 0.02 LBS.

REV. LEVEL  
 C

PART NUMBER  
**26618-0**

## 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)**

Page 1 of 1

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**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  
 RJB

DATE DRAWN  
 11/15/2017

ECN NUMBER  
 XXXX

ECN DATE  
 XXXXXX

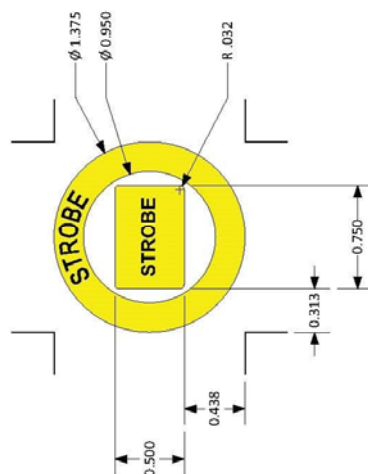
PART WEIGHT  
 0.02 LBS.

REV. LEVEL  
 A

PART NUMBER  
**55073**

| REVISIONS |             |      |        |
|-----------|-------------|------|--------|
| REV       | DESCRIPTION | DATE | RE/ECO |
|           |             |      |        |
|           |             |      |        |

- NOTES:
1. MATERIAL : .002 YELLOW POLYESTER
  2. ARTWORK FROM D91XXXX-A PAGE 1, PMS BLACK
  3. .001 OVERLAMINATE
  4. ADHESIVE BACKED



|                                                     |      |                                                                         |      |                                                                                                                                                                                                                                                                                                     |  |
|-----------------------------------------------------|------|-------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>VANNER</b><br>INCORPORATED<br>HILLIARD, OHIO USA |      | TOL. .x ± .025<br>LABEL/ .xx ± .015<br>METAL .xxx ± .005                |      | TITLE: LABEL, STROBE TXT,<br>.95ID ROUND SWITCH                                                                                                                                                                                                                                                     |  |
|                                                     |      | TOL. CABLES .xxx ± .25<br>DRNDATE MEO 11/14/17<br>CHKDATE XXX<br>XXXXXX |      | DRAWING/ PART NO. D01XXXX<br>SHEET 1 OF 1<br>REV A                                                                                                                                                                                                                                                  |  |
| SCALE:                                              | NONE | REA/ECO NO.:                                                            | XXXX | THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF VANNER INC. AND MAY NOT BE COPIED, REPRODUCED OR DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF VANNER INC. IT IS PROVIDED SOLELY FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST. |  |

Page 2 of 1

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DRAWN BY  
RJB

DATE DRAWN  
11/15/2017

ECN NUMBER  
XXXX

ECN DATE  
XXXXXXX

PART WEIGHT  
0.02 LBS.

REV. LEVEL  
A

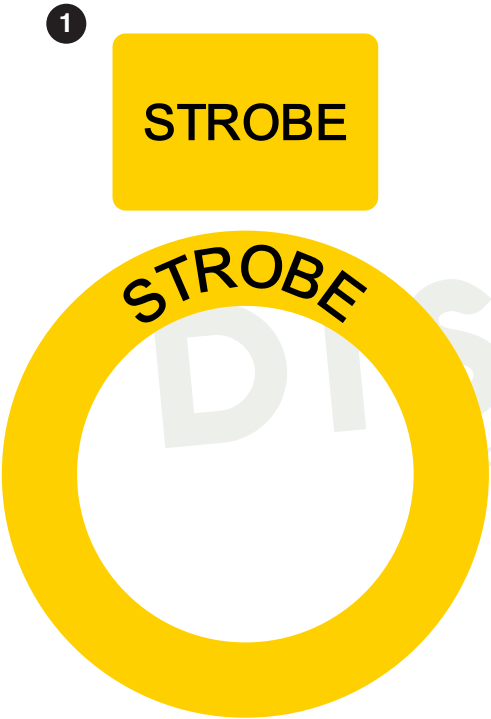
PART NUMBER  
**55073**

PART NUMBER  
**55073**

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

|                                                                                  |              |           |               |  |                |
|----------------------------------------------------------------------------------|--------------|-----------|---------------|--|----------------|
| <div><div>DISTYLL</div><div>GRAPHIC SOLUTIONS</div><div>FINAL DESIGN</div></div> | CLIENT NAME: |           | Switch Decals |  | O-ID: O15319-1 |
|                                                                                  | Adrian Steel |           |               |  | Rev #: XXXX    |
|                                                                                  | DATE:        | DESIGNER: |               |  | Opt #: A       |
|                                                                                  | O5/31/2023   | TRN       |               |  |                |

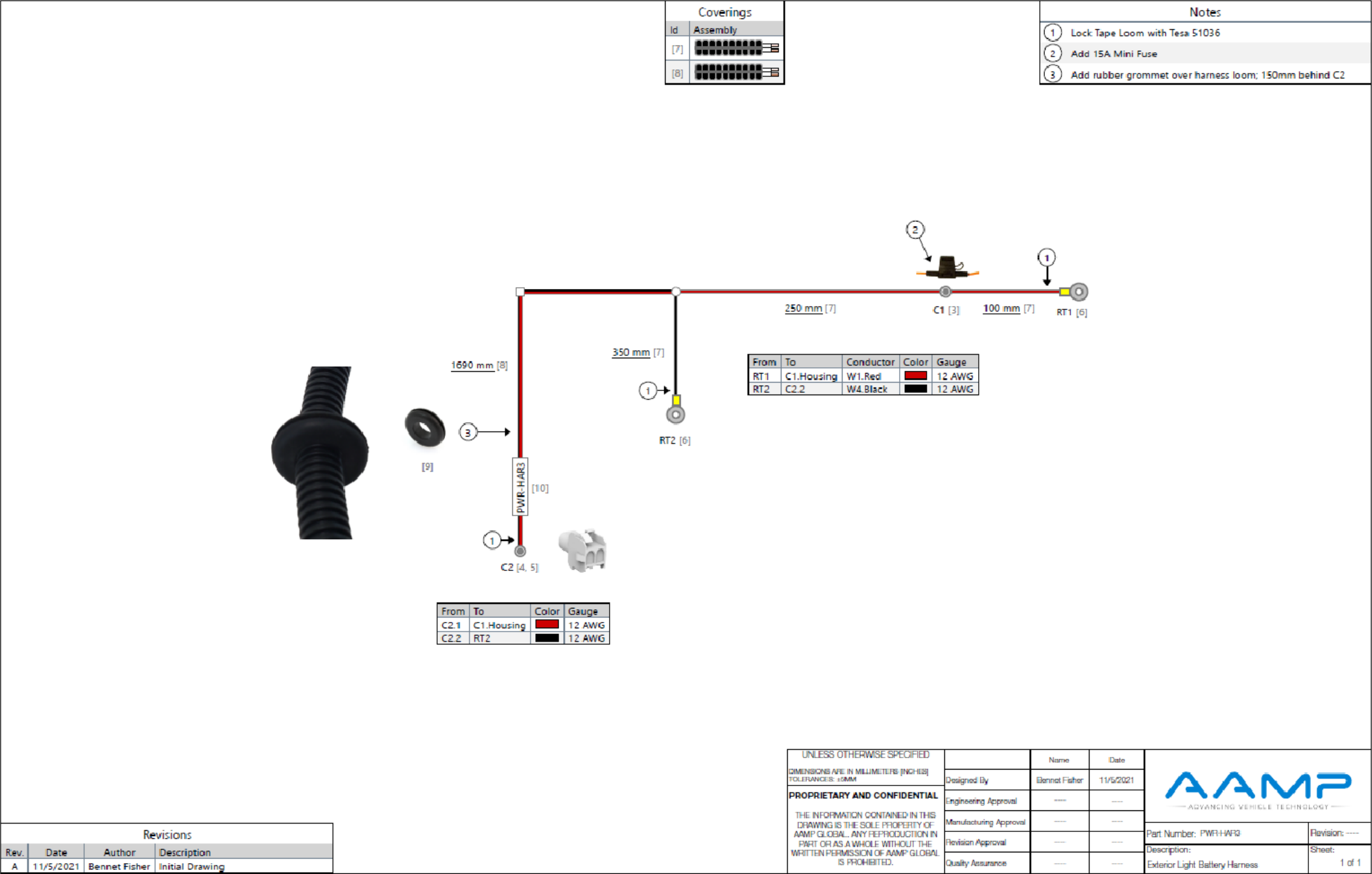
Please check information to confirm accurate vehicle specifications.

**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                             |



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| TOLERANCES & INSPECTION                                                                                                                                    | RELEASE & REVISIONS                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL BEND ANGLES ARE 90 DEGREES<br>ALL DIMENSIONS ARE IN INCHES.<br>REFERENCE DIMENSIONS (X.XXX)<br>DO NOT REQUIRE INSPECTION | INITIAL ECN: 25378<br>CURRENT ECN: 25378<br>ECN DESCRIPTION:<br>RELEASE FOR PRODUCTION<br>REVISED BY: |
| FEATURES<br>0.0 = ± .125<br>0.00 = ± .062<br>0.000 = ± .031<br>Material Thickness: per ASTM Std.<br>Weld Callouts per AWS                                  | HOLES/SLOTS<br>0.0 = ± .062<br>0.00 = ± .031<br>0.000 = ± .015                                        |
| ANGLES<br>0° = ± 2°<br>0.0° = ± 1°                                                                                                                         |                                                                                                       |

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER  
AAMP GLOBAL  
REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER  
67094 OR PWR-HAR3  
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.)  
NO

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

| PART / PRODUCT IDENTIFICATION                |                                                                                                |                            |
|----------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------|
|                                              | <b>ADRIAN STEEL</b> <sup>®</sup><br>ADRIAN STEEL COMPANY<br>906 JAMES STREET, ADRIAN, MI 49221 | REVISION LEVEL<br><b>A</b> |
| MAT'L USED: <b>PURCHASED</b>                 | DESIGNED BY: <b>E.BURKE</b>                                                                    |                            |
| DESCRIPTION: <b>POWER HARNESS EXTERIOR 3</b> |                                                                                                |                            |
| WEIGHT (Lbs.): <b>0.2</b>                    | SEGMENT CODE: <b>ELE</b>                                                                       | PART NUMBER: <b>67094</b>  |



| 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                             |  |



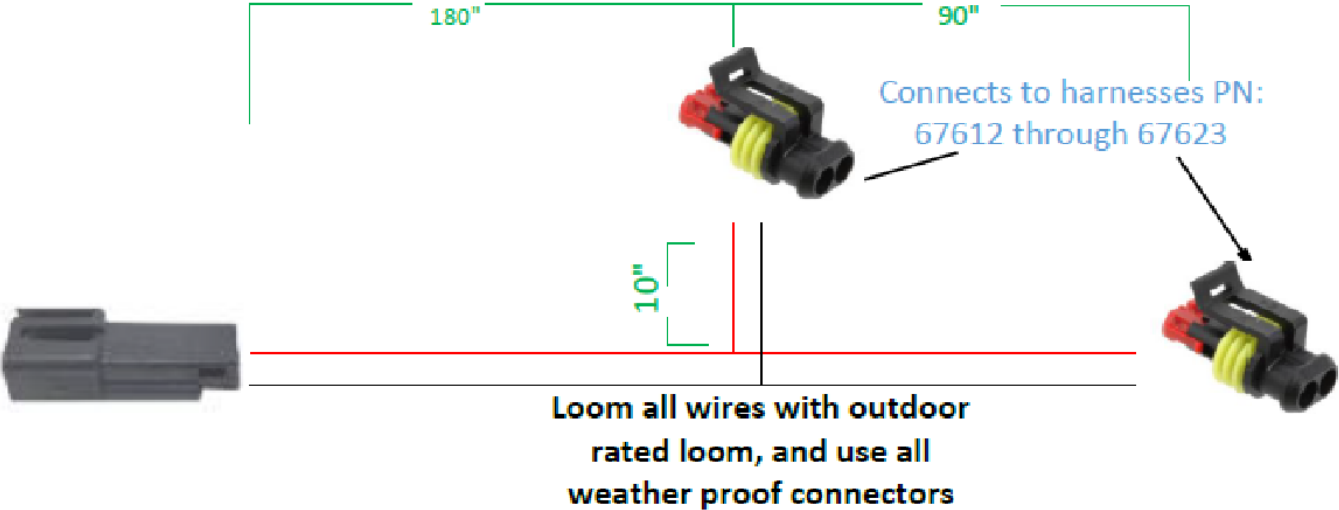
|                                                                                                                                                  |  |  |                                                                                                                                              |  |           |              |                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--------------|----------------------|--|
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| TOLERANCES & INSPECTION                                                                                                                          |  |  | PART / PRODUCT IDENTIFICATION                                                                                                                |  |           |              |                      |  |
| UNLESS OTHERWISE SPECIFIED                                                                                                                       |  |  | <div><div><div><div>AS</div><div>ADRIAN STEEL®</div></div><div>ADRIAN STEEL COMPANY<br/>906 JAMES STREET, ADRIAN, MI 49221</div></div></div> |  |           |              | REVISION LEVEL       |  |
| ALL BEND ANGLES ARE 90 DEGREES                                                                                                                   |  |  |                                                                                                                                              |  |           |              | A                    |  |
| ALL DIMENSIONS ARE IN INCHES.                                                                                                                    |  |  |                                                                                                                                              |  |           |              |                      |  |
| REFERENCE DIMENSIONS (X.XXX)<br>DO NOT REQUIRE INSPECTION                                                                                        |  |  |                                                                                                                                              |  |           |              |                      |  |
| FEATURES                                                                                                                                         |  |  | MAT'L USED:                                                                                                                                  |  | PURCHASED |              | DESIGNED BY: E.BURKE |  |
| HOLES/SLOTS                                                                                                                                      |  |  | DESCRIPTION: SWITCH HARNESS 4 EXTERIOR LIGHTING                                                                                              |  |           |              |                      |  |
| ANGLES                                                                                                                                           |  |  |                                                                                                                                              |  |           |              |                      |  |
| 0.0 = ± .125                                                                                                                                     |  |  | WEIGHT (Lbs.):                                                                                                                               |  | 0.2       |              | SEGMENT CODE: ELE    |  |
| 0.00 = ± .062                                                                                                                                    |  |  | PART NUMBER: 67100                                                                                                                           |  |           |              |                      |  |
| 0.000 = ± .031                                                                                                                                   |  |  |                                                                                                                                              |  |           |              |                      |  |
| 0.000 = ± .015                                                                                                                                   |  |  |                                                                                                                                              |  |           |              |                      |  |
| Material Thickness: per ASTM Std.<br>Weld Callouts per AWS                                                                                       |  |  |                                                                                                                                              |  |           |              |                      |  |
| RELEASE & REVISIONS                                                                                                                              |  |  | PURCHASED COMPONENT                                                                                                                          |  |           |              |                      |  |
| INITIAL ECN: 25378                                                                                                                               |  |  | REFERENCED SUPPLIER AND/OR MANUFACTURER                                                                                                      |  |           |              |                      |  |
| CURRENT ECN: 25378                                                                                                                               |  |  | AAMP GLOBAL                                                                                                                                  |  |           |              |                      |  |
| ECN DESCRIPTION:                                                                                                                                 |  |  | REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER                                                                                          |  |           |              |                      |  |
| RELEASE FOR PRODUCTION                                                                                                                           |  |  | SSW-HAR4 OR 67100                                                                                                                            |  |           |              |                      |  |
|                                                                                                                                                  |  |  | COLOR (ONLY LIST IF COLOR SPECIFIC)                                                                                                          |  |           |              |                      |  |
|                                                                                                                                                  |  |  | COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)<br>(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)          |  |           |              |                      |  |
| REVISED BY:                                                                                                                                      |  |  | NO                                                                                                                                           |  |           |              |                      |  |



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 BODY HARNESS 3<br>FOR LADDER RACK LIGHTING                                                                                                                                                                   |
| INCLUDES:<br>2 CAPS FOR EXTERIOR CONNECTORS<br>20 CABLE TIES<br>5 WIRE TIE WITH CHRISTMAS TREES<br>7 STICKEY BACKED CABLE TIE HOLDERS<br>7 EDGE CLIP ZIP TIES<br>7 NYLON PLASTIC LOOP CLAMPS<br>7 PHILLIPS HEAD TEK SCREWS |

#1



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| TOLERANCES & INSPECTION                                                                                                                                    | RELEASE & REVISIONS                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL BEND ANGLES ARE 90 DEGREES<br>ALL DIMENSIONS ARE IN INCHES.<br>REFERENCE DIMENSIONS (X.XXX)<br>DO NOT REQUIRE INSPECTION | INITIAL ECN: 26041<br>CURRENT ECN: 26041<br>ECN DESCRIPTION:<br>RELEASE TO PRODUCTION<br>REVISED BY: EMB |
| FEATURES<br>0.0 = ± .125<br>0.00 = ± .062<br>0.000 = ± .031<br>Material Thickness: per ASTM Std.<br>Weld Callouts per AWS                                  | HOLES/SLOTS<br>0.0 = ± .062<br>0.00 = ± .031<br>0.000 = ± .015                                           |
| ANGLES<br>0° = ± 2°<br>0.0° = ± 1°                                                                                                                         |                                                                                                          |

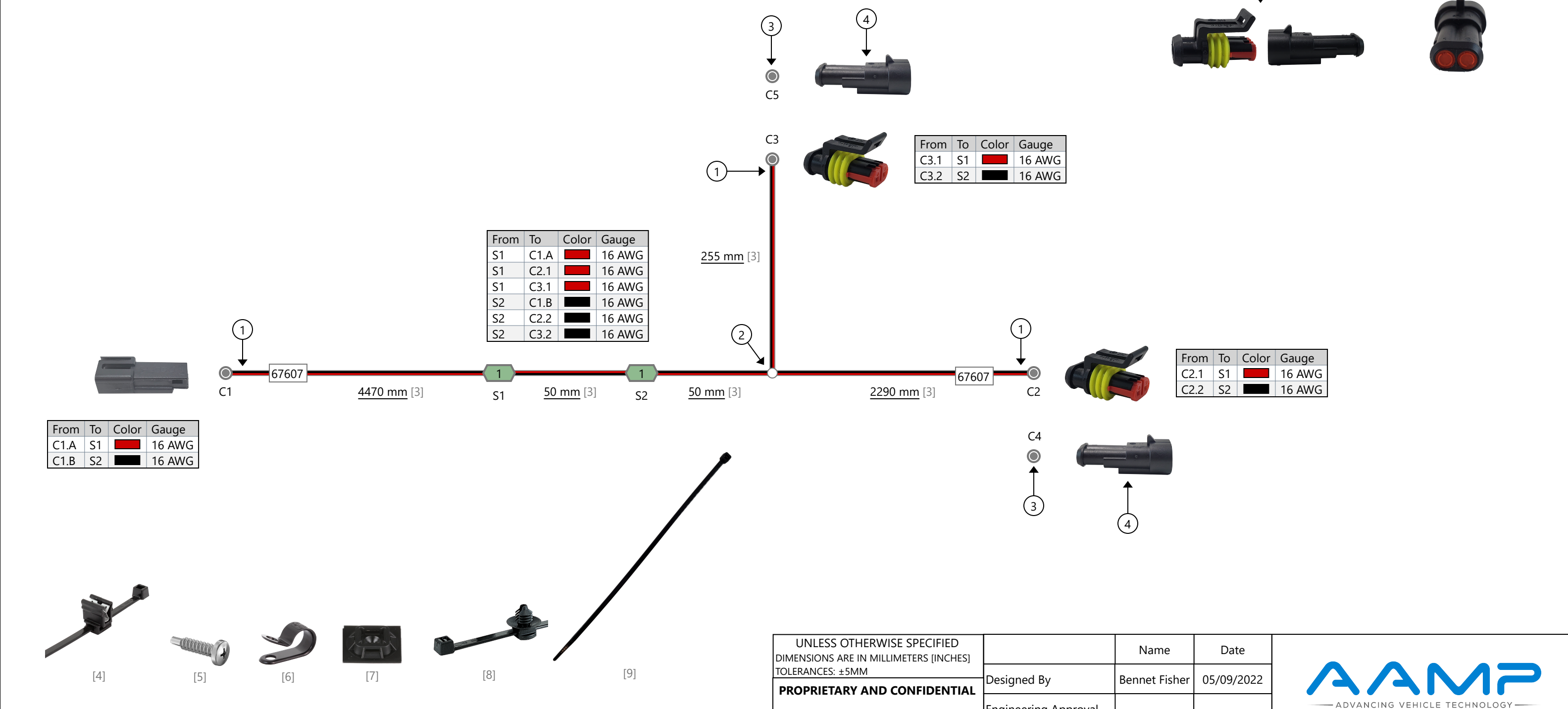
| PURCHASED<br>COMPONENT                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCED SUPPLIER AND/OR MANUFACTURER<br>AAMP                                                                                           |
| REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER<br>67607                                                                              |
| COLOR (ONLY LIST IF COLOR SPECIFIC)<br>NO                                                                                                 |
| COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)<br>(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)<br>NO |

| PRINTED DOCUMENT IS UNCONTROLLED |                   |                      | Sheet 1 of 1        |
|----------------------------------|-------------------|----------------------|---------------------|
| PART / PRODUCT IDENTIFICATION    |                   |                      |                     |
| MAT'L USED: PURCHASED            |                   | DESIGNED BY: E.BURKE | REVISION LEVEL<br>A |
| DESCRIPTION: BODY HARN 3 EXT P&P |                   |                      |                     |
| WEIGHT (Lbs.): 0.1               | SEGMENT CODE: ELE | PART NUMBER: 67607   |                     |

| Bill of Materials |                      |                        |          |
|-------------------|----------------------|------------------------|----------|
| Id                | Type                 | Part Number            | Quantity |
| 1                 | Wire                 | 16 AWG Red GXL         | 7215 mm  |
| 2                 | Wire                 | 16 AWG Black GXL       | 7165 mm  |
| 3                 | Corrugated Tubing    | 0.25" Nylon Split Wall | 7115 mm  |
| 4                 | Edge Clip Cable Tie  | 156-00539              | 7        |
| 5                 | Fastener             | 90415A330              | 7        |
| 6                 | Cable Clamp          |                        | 7        |
| 7                 | Cable Tie Mount      |                        | 7        |
| 8                 | Cable Tie with Mount | 156-00157              | 5        |
| 9                 | Cable Tie            |                        | 20       |

| Coverings |                                                                                     |
|-----------|-------------------------------------------------------------------------------------|
| Id        | Assembly                                                                            |
| [3]       |  |

| Notes |                                                              |
|-------|--------------------------------------------------------------|
| ①     | Lock Tape Loom with Tesa 51036                               |
| ②     | Lock Tape Loom with Tesa 51036 on both side of wire breakout |
| ③     | Plug C4 into C2; Plug C5 into C3                             |
| ④     | C4 & C5 Cavities are sealed                                  |

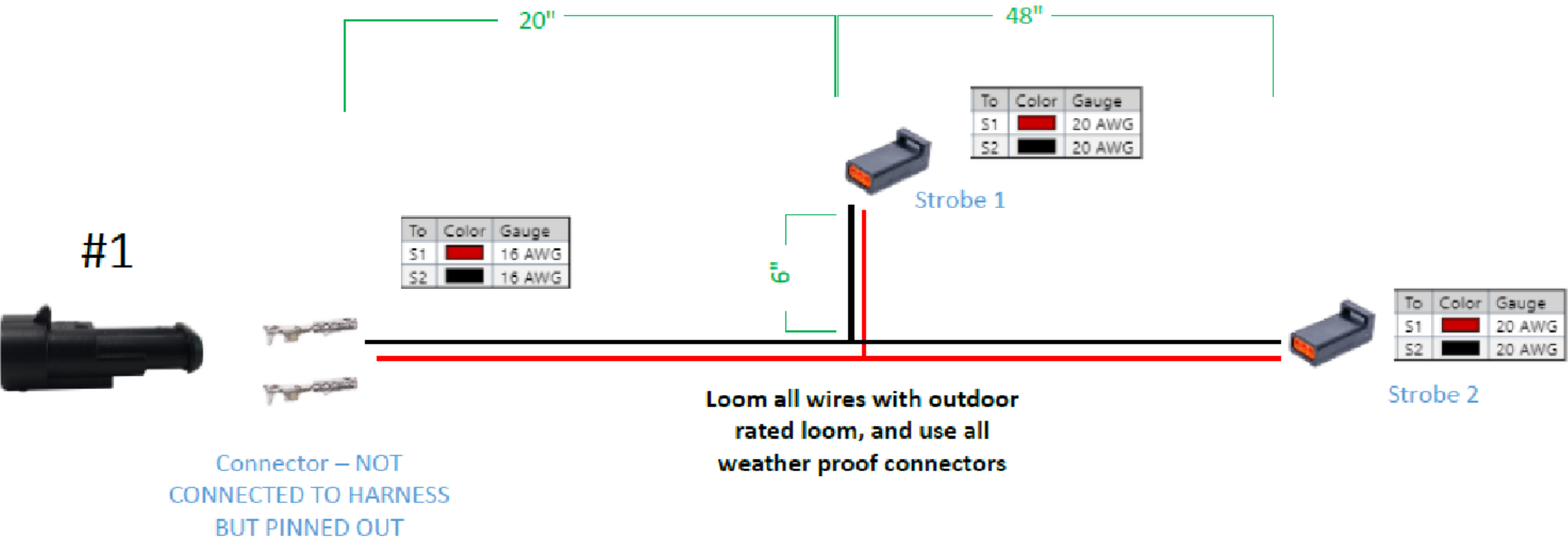


| Revisions |            |               |                                                                                                                               |
|-----------|------------|---------------|-------------------------------------------------------------------------------------------------------------------------------|
| Rev.      | Date       | Author        | Description                                                                                                                   |
|           | 5/9/2022   | Bennet Fisher | Initial Drawing                                                                                                               |
|           | 7/14/2022  | Bennet Fisher | Updated Wire Lengths to Connector C2 and C3                                                                                   |
| A         | 12/15/2022 | Bennet Fisher | Updated Wire Lengths to Connector C2 and C3; Added loom for C2; Added Connector "Caps" with Seals; Added Second Harness Label |

|                                                                                                                                                                                                                                                                                                                                              |                        |               |            |                                                                                                                           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------|------------|---------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS [INCHES]<br>TOLERANCES: ±5MM<br><br><b>PROPRIETARY AND CONFIDENTIAL</b><br><br>THE INFORMATION CONTAINED IN THIS<br>DRAWING IS THE SOLE PROPERTY OF<br>AAMP GLOBAL. ANY REPRODUCTION IN<br>PART OR AS A WHOLE WITHOUT THE<br>WRITTEN PERMISSION OF AAMP GLOBAL<br>IS PROHIBITED. |                        | Name          | Date       | <br>— ADVANCING VEHICLE TECHNOLOGY — |  |
|                                                                                                                                                                                                                                                                                                                                              | Designed By            | Bennet Fisher | 05/09/2022 |                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                              | Engineering Approval   |               |            |                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                              | Manufacturing Approval |               |            |                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                                                              | Revision Approval      |               |            | Part Number: 67607_                                                                                                       |  |
| Quality Assurance                                                                                                                                                                                                                                                                                                                            |                        |               |            | Description:<br>Strobe Extension Harness                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                              |                        |               |            | Revision: A<br>Sheet:<br>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                                                              |
| PLUG AND PLAY HARNESS FOR LADDER RACKS<br>2 STROBES, 1 ON EACH END OF 58" RACK  |
| INCLUDES:<br>10 CABLE TIES<br>1 CABLE GLAND<br>1 UN-CONNECTED TE282080-1 IN BAG |



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TOLERANCES & INSPECTION

|                                                            |                |             |
|------------------------------------------------------------|----------------|-------------|
| UNLESS OTHERWISE SPECIFIED                                 |                |             |
| ALL BEND ANGLES ARE 90 DEGREES                             |                |             |
| ALL DIMENSIONS ARE IN INCHES.                              |                |             |
| REFERENCE DIMENSIONS (X.XXX)<br>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.<br>Weld Callouts per AWS |                |             |

RELEASE & REVISIONS

|                       |
|-----------------------|
| INITIAL ECN: 26041    |
| CURRENT ECN: 26041    |
| ECN DESCRIPTION:      |
| RELEASE TO PRODUCTION |
| REVISED BY: EMB       |

PURCHASED  
COMPONENT

|                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCED SUPPLIER AND/OR MANUFACTURER                                                                                             |
| AAMP                                                                                                                                |
| REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER                                                                                 |
| 67614                                                                                                                               |
| COLOR (ONLY LIST IF COLOR SPECIFIC)                                                                                                 |
| NO                                                                                                                                  |
| COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)<br>(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) |
| NO                                                                                                                                  |

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

PART / PRODUCT IDENTIFICATION

|                                                                                                            |                          |                                                            |                           |                                |
|------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------|---------------------------|--------------------------------|
|  <b>ADRIAN STEEL®</b> |                          | ADRIAN STEEL COMPANY<br>906 JAMES STREET, ADRIAN, MI 49221 |                           | REVISION LEVEL<br><br><b>A</b> |
| MAT'L USED: <b>PURCHASED</b>                                                                               |                          | DESIGNED BY: <b>E.BURKE</b>                                |                           |                                |
| DESCRIPTION: <b>STROBE HARN FOR 58" RACK</b>                                                               |                          |                                                            |                           |                                |
| WEIGHT (Lbs.): <b>0.1</b>                                                                                  | SEGMENT CODE: <b>ELE</b> |                                                            | PART NUMBER: <b>67614</b> |                                |

PURCHASED  
COMPONENT  
KEY FEATURES

| DESCRIPTION OF REQUIREMENTS                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)<br><br>N/A                                                                                                                                                                                              |
| LOAD/RATING REQUIREMENT<br><br>N/A                                                                                                                                                                                                                     |
| MATERIAL REQUIREMENT<br><br>N/A                                                                                                                                                                                                                        |
| PACKAGING REQUIREMENT<br><br>N/A                                                                                                                                                                                                                       |
| OTHER REQUIREMENTS<br><br>PLUG AND PLAY HARNESS FOR LADDER RACKS<br>2 STROBES ON THE END AND 1 BEACON IN THE MIDDLE OF 58" RACK<br><br>INCLUDES:<br>10 CABLE TIES<br>1 CABLE GLAND<br>1 UN-CONNECTED TE282080-1 IN BAG<br>1 CAP FOR EXTERIOR CONNECTOR |



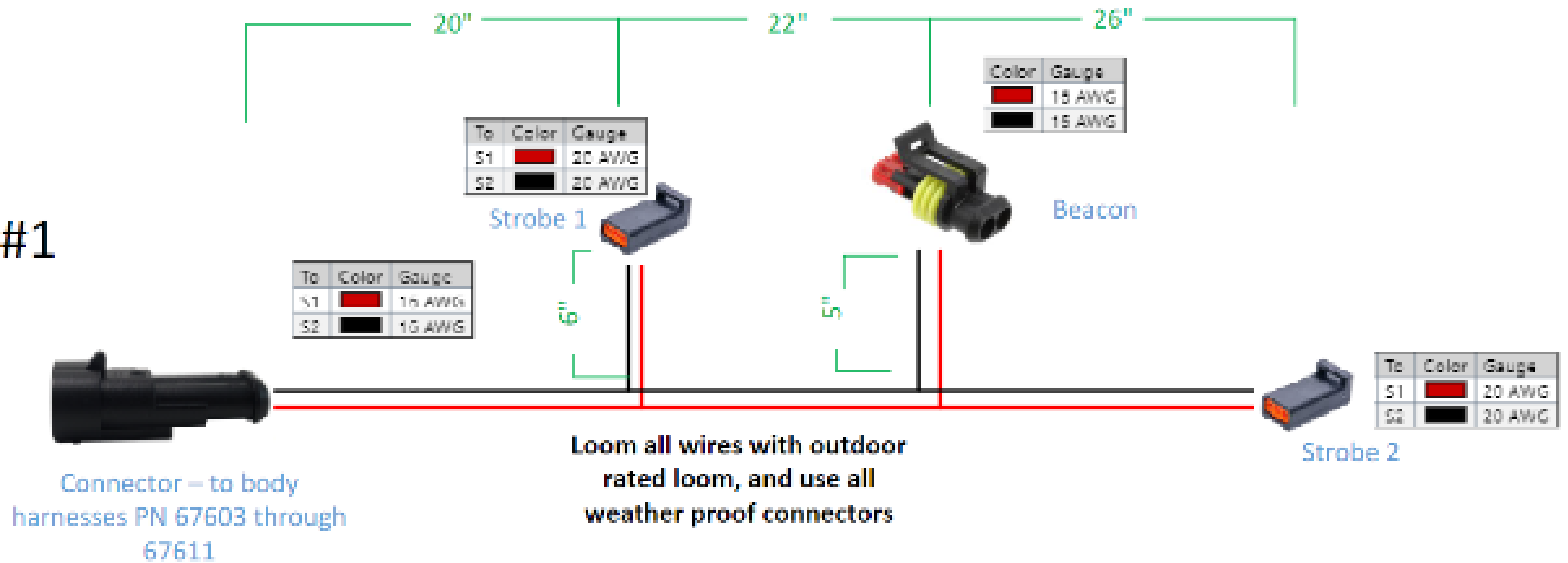
THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER  
DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

| TOLERANCES & INSPECTION                                                                                                                                    | RELEASE & REVISIONS   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| UNLESS OTHERWISE SPECIFIED<br>ALL BEND ANGLES ARE 90 DEGREES<br>ALL DIMENSIONS ARE IN INCHES.<br>REFERENCE DIMENSIONS (X.XXX)<br>DO NOT REQUIRE INSPECTION | INITIAL ECN: 26041    |
| FEATURES<br>0.0 = ± .125<br>0.00 = ± .062<br>0.000 = ± .031                                                                                                | CURRENT ECN: 26041    |
| HOLES/SLOTS<br>0.0 = ± .062<br>0.00 = ± .031<br>0.000 = ± .015                                                                                             | ECN DESCRIPTION:      |
| ANGLES<br>0° = ± 2°<br>0.0° = ± 1°                                                                                                                         | RELEASE TO PRODUCTION |
| Material Thickness: per ASTM Std.<br>Weld Callouts per AWS                                                                                                 | REVISED BY: EMB       |

| PURCHASED<br>COMPONENT                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------|
| REFERENCED SUPPLIER AND/OR MANUFACTURER<br>AAMP                                                                                     |
| REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER<br>67618                                                                        |
| COLOR (ONLY LIST IF COLOR SPECIFIC)<br>NO                                                                                           |
| COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)<br>(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) |

| PRINTED DOCUMENT IS UNCONTROLLED                                                                                       |                          |                                                            | Sheet 1 of 1                   |
|------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------|--------------------------------|
| PART / PRODUCT IDENTIFICATION                                                                                          |                          |                                                            |                                |
|  <b>ADRIAN STEEL</b> <sup>®</sup> |                          | ADRIAN STEEL COMPANY<br>906 JAMES STREET, ADRIAN, MI 49221 |                                |
| MAT'L USED: <b>PURCHASED</b>                                                                                           |                          | DESIGNED BY: <b>E.BURKE</b>                                | REVISION LEVEL<br><br><b>A</b> |
| DESCRIPTION: <b>STROBE/BCN HARN 58" RACK</b>                                                                           |                          |                                                            |                                |
| WEIGHT (Lbs.): <b>0.1</b>                                                                                              | SEGMENT CODE: <b>ELE</b> | PART NUMBER: <b>67618</b>                                  |                                |

#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<br>WITH EXTERIOR PLUG AND PLAY CONNECTOR |



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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

|                                                            |                |             |
|------------------------------------------------------------|----------------|-------------|
| UNLESS OTHERWISE SPECIFIED                                 |                |             |
| ALL BEND ANGLES ARE 90 DEGREES                             |                |             |
| ALL DIMENSIONS ARE IN INCHES.                              |                |             |
| REFERENCE DIMENSIONS (X.XXX)<br>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.<br>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 REFERENCE)<br>(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) |
| NO                                                                                                                                  |

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

PART / PRODUCT IDENTIFICATION

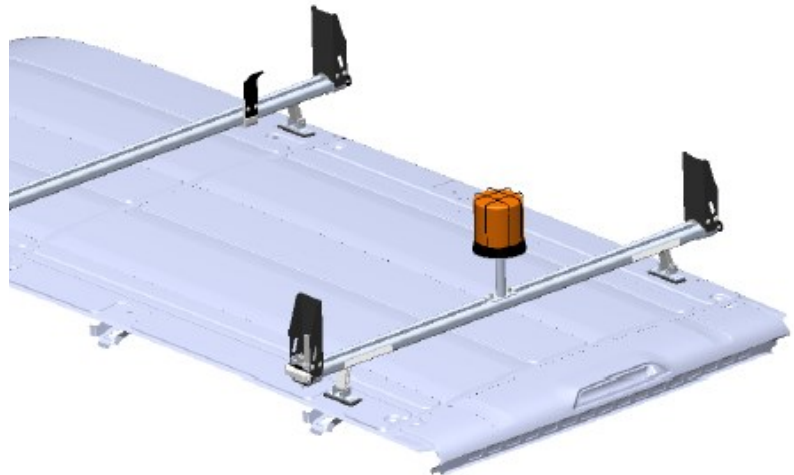
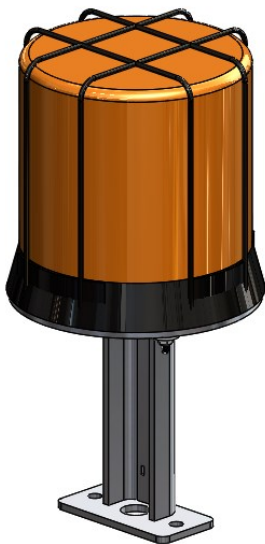
|                                                                                       |  |                          |  |                                                            |                           |                            |  |
|---------------------------------------------------------------------------------------|--|--------------------------|--|------------------------------------------------------------|---------------------------|----------------------------|--|
|  |  | <b>ADRIAN STEEL®</b>     |  | ADRIAN STEEL COMPANY<br>906 JAMES STREET, ADRIAN, MI 49221 |                           | REVISION LEVEL<br><b>A</b> |  |
| MAT'L USED: <b>PURCHASED</b>                                                          |  |                          |  | DESIGNED BY: <b>EMB</b>                                    |                           |                            |  |
| DESCRIPTION: <b>ECCO STROBE ED3801A W/CON</b>                                         |  |                          |  |                                                            |                           |                            |  |
| WEIGHT (Lbs.): <b>0.5</b>                                                             |  | SEGMENT CODE: <b>EST</b> |  |                                                            | PART NUMBER: <b>67686</b> |                            |  |

## Introduction / Comments:

Dealer Instructions for 70970

### **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.



Dealer Instructions For 70970

Figure 15.1

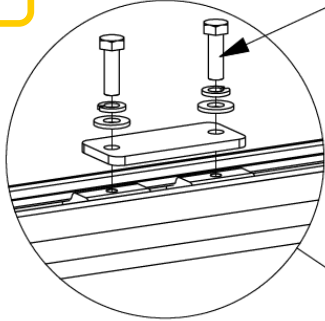
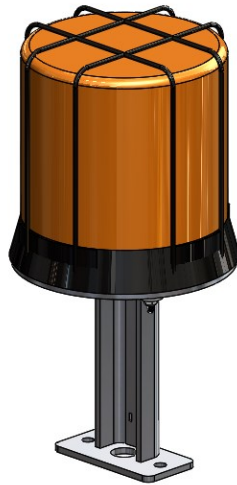


Figure 15.2



**Step 1:**

Locate the ladder rack rear cross bow center. There will be a metal plate fastened down with bolts, onto 2 spacers. Remove the top metal plate by removing the two bolts. Be careful not to lose the bolts or the slides in the rail, under the ware strip. Figure 15.1.

Now grab the beacon/mount assembly. Figure 15.2.

Assemble the beacon mount feet by inserting the bolt (FAS0799) through the lock washer (FAS0588) then flat washer (FAS0552) then through the foot into the slide. Do not tighten down at this point. Figure 15.3.

**Step 2:** Connect the beacon harness connector to the beacon. You will need to remove the cap on the beacon harness.

Tighten the bolts once you have positioned the beacon (as centered on the rail as possible). Figure 15.4.

Figure 15.3

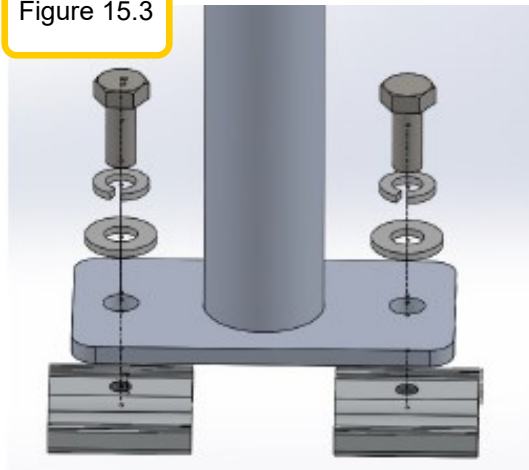


Figure 15.4



**Double check the functionality of the lights and switches.**