

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

- **MODULE DOME LED HARNESS M&H ROOF TRANSIT**

CL-FT2



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

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: **24359**

CURRENT ECN: **24359**

ECN DESCRIPTION:

QE8539 RELEASE MODULAR DOME LIGHTING

REVISED BY: **MJF**

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER
ECHOMASTER FLEET SOLUTIONS

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

CL-FT2

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: **PURCHASED**

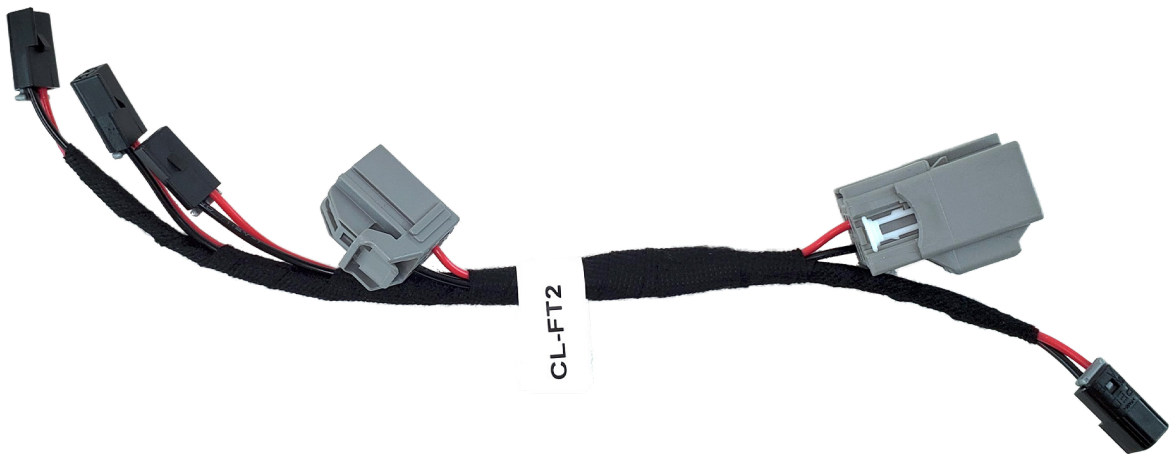
DESIGNED BY: **MJF**

DESCRIPTION: **MODULE LED HARN MR/HR FDT**

WEIGHT (Lbs.): **.50**

SEGMENT CODE: **EAU**

PART NUMBER: **63486**



CL-FT2

Wiring Harness for Cargo Lighting 2020-2021 Ford Transit Van (Medium/High Roof)

INSTALLATION MANUAL



Thank you for purchasing the **CL-FT2**

Table of Contents

- Page 3** - Tools Required For Installing Additional Accessories
Page 8 - Wiring Diagram

WHAT'S INCLUDED:

- Vehicle Specific Wire Harness (CL-FT2)

COMPATIBLE ACCESSORIES:

- LED Dome Lamp (STL40489-2)
- 1100mm Roof Bow Harness (P-HARRB1)
- 1570mm Roof Bow Harness (P-HARRB2)
- 2570mm Roof Bow Harness (P-HARRB3)
- 3470mm Roof Bow Harness (P-HARRB4)



TOOLS REQUIRED:



1. Diagonal Cutters
2. Phillips #2 Drill Bit
3. Drill



STEP 1:

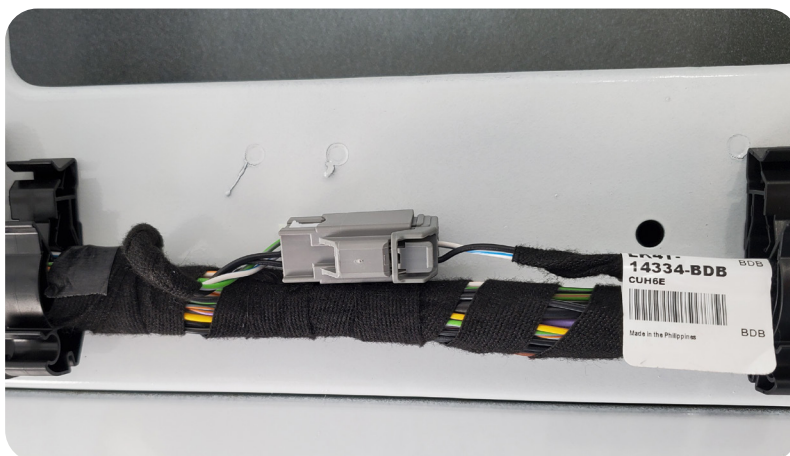
Remove the plastic covers that cover the OEM wire harnesses on the driver's side of the vehicle.

Note: The recommended method for removing the covers is to slide them off



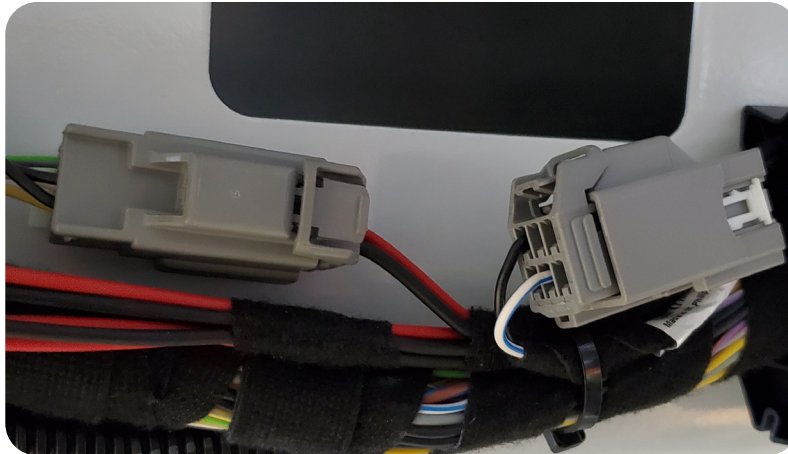
STEP 2:

Locate the OEM Cargo Lamp connection that is behind the vehicle's first roof bow on the driver's side of the vehicle.



STEP 3:

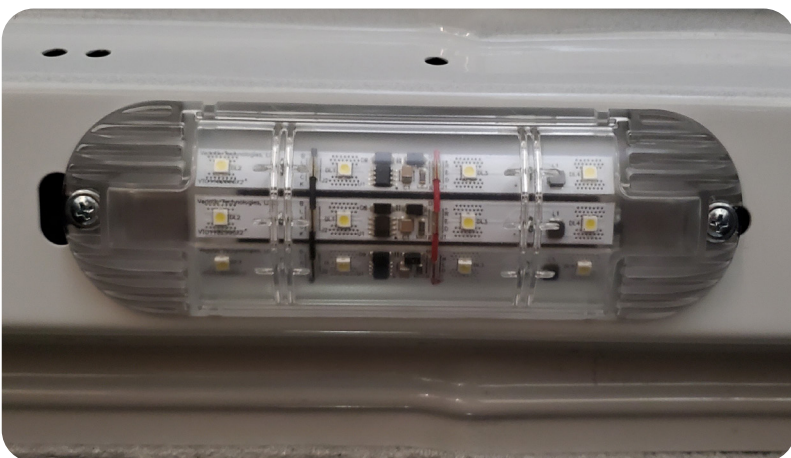
Unplug the OEM Cargo Lamp connectors and install the CL-FT2 harness between the two connectors.



STEP 4:

Install the STL40489 (or alternate CL-xxBLED) lights onto the center of each roof bow; **leave the light connector exposed**

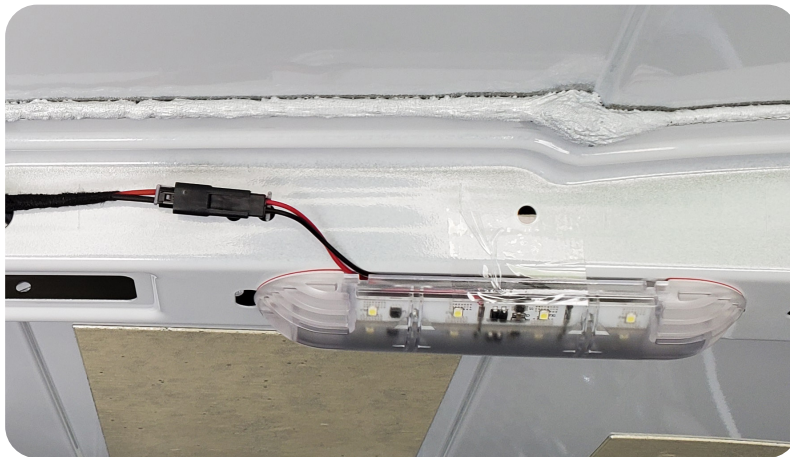
- Peel the red adhesive liners off and stick the light in place
- Use the provided 3/4" screws to secure the STL40489 light to the roof rib



STEP 5:

Connect the appropriate P-HARRBx roof bow harness to each installed light.

- Refer to the diagram on page 8 to confirm proper P-HARRBx for each roof bow



STEP 6:

Use the fir tree cable ties that are packaged with each P-HARRBx to secure the harness to the vehicle's roof bow. Trim off excess cable tie material after harness is secure.



STEP 7:

Route all P-HARRBx roof bow harnesses alongside the OEM wire harnesses.

- Tuck the harnesses into place; behind the black plastic clips



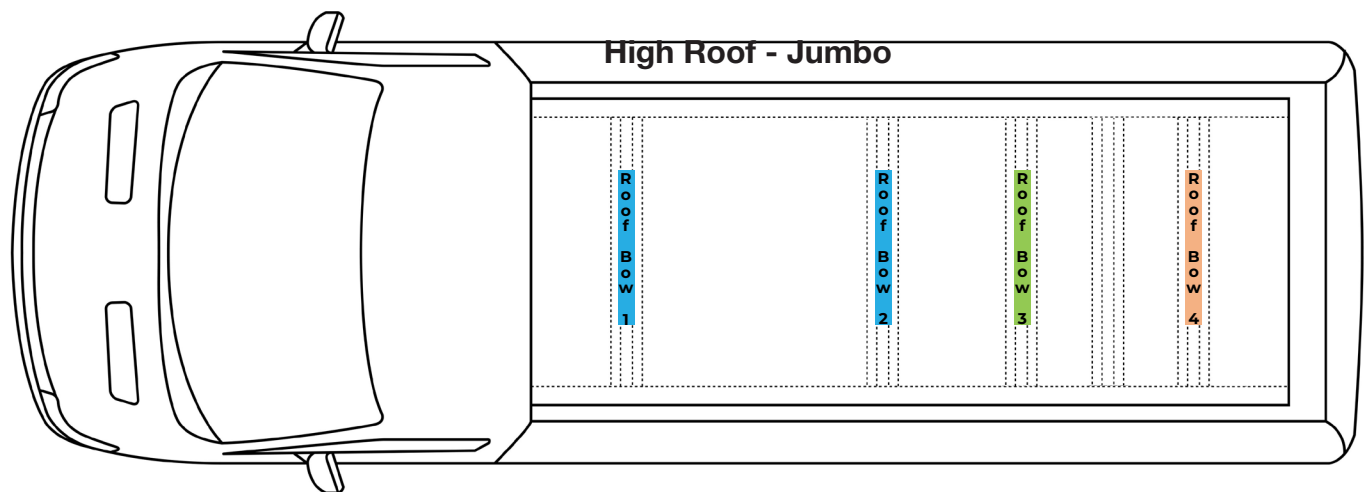
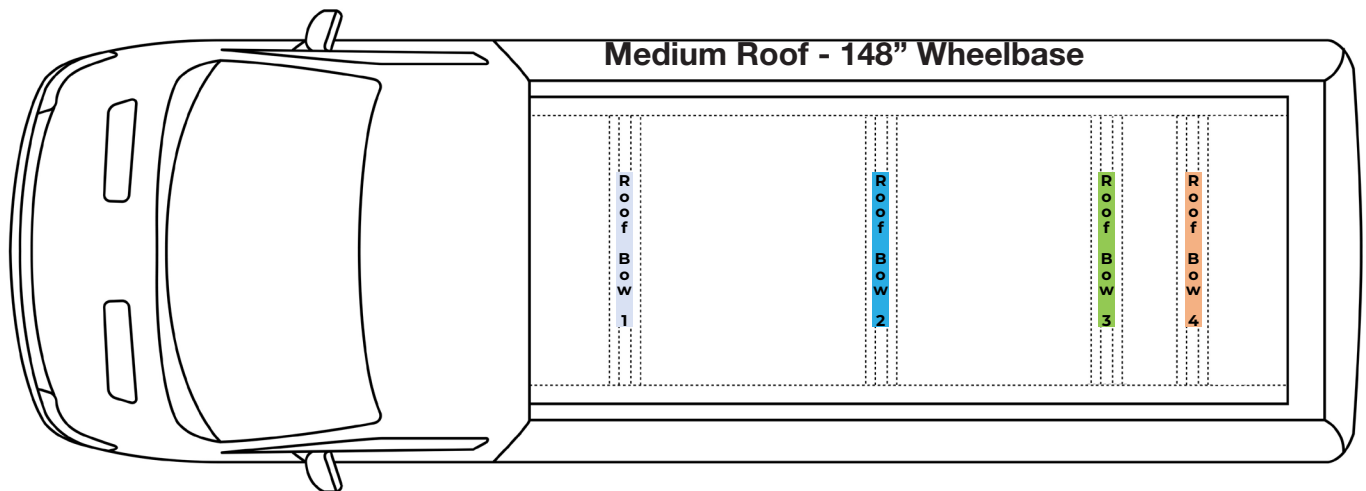
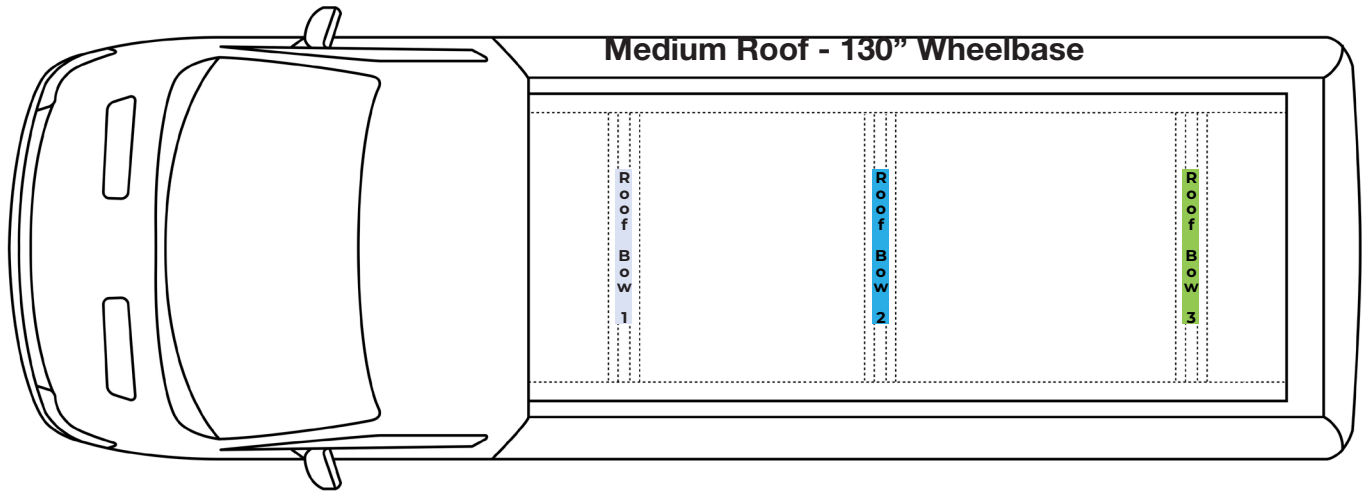
STEP 8:

Plug all installed P-HARRBx harnesses into the mating connectors on the CL-FT2 harness.

- Confirm all installed lights are operational
- Re-install the plastic covers that go over the OEM wire harnesses



| Vehicle | Roof Bow 1 | Roof Bow 2 | Roof Bow 3 | Roof Bow 4 |
|-----------------------------|------------|------------|------------|------------|
| Transit - Med Roof 130" WB | P-HARRB1 | P-HARRB2 | P-HARRB3 | N/A |
| Transit - Med Roof 148" WB | P-HARRB1 | P-HARRB2 | P-HARRB3 | P-HARRB4 |
| Transit - High Roof (Jumbo) | P-HARRB2 | P-HARRB2 | P-HARRB3 | P-HARRB4 |





Phone – 866-931-8021 (option 3)

E-Mail – support@echomasterfleetsolutions.com



EchoMaster Fleet Solutions is a Power Brand of AAMP Global

EchoMaster.com