



## Bid Waiver Request

Request # 05844046

# Approved Bid Waiver Summary

### Submission Details:

Request # 05844046

**Purchase Description:** Ambulance boxes

**Vendor Name:** Northwestern Emergency Vehicles

**Vendor Number:** 103889

**Type:** Good

**Total Commitment Cost:** \$2,254,999.60

**Fund, Org, Object Code:** Two Orgs (3203026553 and 3203026554) 55350

**Grant Funded:** No

**One Time or On-Going Expense:** One Time Expense

**Exemption Type:** 3. Group Purchasing Programs

**Exemption Description:** HGAC contract. Cost is for the boxes and 3% over the road tax. 4 of the boxes are under one project and the 4 expansion units are under the other.

**Upload all quotes, proposals, or supporting documents:** NWEV box HGAC.pdf

**Requestor's Full Name:** James Albright

**Requestor's Guilford County Email Address:** jalbrig@guilford-es.com

**Requestor's Department:** Emergency Services

**Signature Date:** 11/08/2025

Signed By: James L. Albright - jalbrig@guilford-es.com  
Date Signed: 11/08/2025 8:01:46 AM -08:00 GMT  
IP Address: 165.166.201.162

**Is this Submission a Contract or Purchase Order?:** Purchase Order

### Review Details:

**Purchasing Approval:** Approve

**Small Business and Entrepreneurship Approval:** Approve

**Small Business and Entrepreneurship Reviewer Full Name:** Maria Miles

**Small Business and Entrepreneurship Reviewer Guilford County Email:** mmiles2@guilfordcountync.gov

**Small Business and Entrepreneurship Signature Date:** 11/14/2025

Signed By: Maria Miles - mmiles2@guilfordcountync.gov  
Date Signed: 11/14/2025 7:13:02 AM -08:00 GMT  
IP Address: 69.132.7.161

**Purchasing Approval:** Approve

**Instructions for Requestor:** Board Action Required – Goods (\$90K+) Contact Fran Cameron for BoCC Agenda Item Assignment

**Purchasing Signer Full Name:** Francesca Cameron

**Purchasing Signer Guilford County Email:** ncameron@guilfordcountync.gov

**Purchasing Signature Date:** 11/14/2025



## Bid Waiver Request

Request # 05844046

Francesca Cameron

Signed By: Francesca Cameron - ncameron@guilfordcountync.gov  
Date Signed: 11/14/2025 7:16:31 AM -08:00 GMT  
IP Address: 97.129.22.177

## Quote



# Northwestern Emergency Vehicles

Guilford County EMS  
1205 M Pepper Stone Drive  
Greensboro, NC 27406

Date	Customer	Sales Rep.	FOB	Ship Via	Terms
9/10/25		David Hudler	Destination	Drive	Net on Acceptance



## Shop Order

NWEV  
David Hudler

Guilford County  
Darren Nunn  
301 West Market Street  
Greensboro, NC 27401

Quote No: 10624-0068  
09/10/2025

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### DESCRIPTION

== \*\*\*\*\*BID STANDARDS\*\*\*\*\* - 20.001 06/28/21 ==

|-- Order Date: Post July 1, 2019

*|-- Ambulance Built to CAAS GVS 4.0 Certification*

CAAS GVS 4.0 Certification issued, Sticker issued for completed Vehicle.

Exception report generated as necessary.

Payload Capacity > minimum per vehicle with optional permanently mounted equipment shall be per the ambulance type.

Weight spreadsheet shall calculate each seating position at 175 lbs.

Weight analysis per CAAS GVS table.

Additional Exceptions to print or report out when chosen.

>>>

>> Backup camera is required on every model, please ensure to add <<

*|-- Upgrade suggestions to sales to meet CAAS GVS 4.0*

The following items shall be reviewed with the customer, and added or take an exception to CAAS GVS 4.0

>> Backup alarm Must NOT have a disable switch. <<

>>Front OEM bumper must remain OEM, all others are an exception

>>

>C.18.7 FSAM (AEV) does not provide a final BOM per vehicle, no option to meet.

> C.9.6 rear bumper must contain open bar grate design. (AEV std flip step meets, provided not modified.

>C.10.2 pass thru cab connection must be latching,

>on-board permanent mount suction system required

>trash enclosure to have a latching lid.

> 2nd Fire Extinguisher to be added to the order, installed.

<b>DESCRIPTION</b>
<i>-- Vehicle Destination any state other than Connecticut</i>
Vehicle Quantity (Vehicles)
<b>Ford QVM, Qualified Vehicle Modifiers Program Member</b>
CHASSIS VIN NUMBER:
<b>ACCOUNT MANAGER: Tammy Miller</b>
<b>REFERENCE UNIT #: 22OF28038-41</b>
RE-WRITE DATE :
SEAT BELT POSITIONS MODS
-- CAB SEAT BELT MOD:
-- Total: 2 Positions
-- REAR SEAT BELT MOD:
-- <b>Total: 2 Seated Positions &amp; One Floor Mount Secured Patient</b>
Revision Level: 0 - Zero - ORIGINAL VERSION
Change Order Level: 0 - Zero - ORIGINAL VERSION
<b>== *****F-Series 84ca CHASSIS***** - 20.001 06/28/21 ==</b>
Type I AEV Traumahawk Modular Ambulance
<b>2025 Ford, F-550 4 x 4 DRW Super cab XSH 193" WB, XLT Gas MY CLOSED</b>
<b>Customer Supplied Chassis</b>
<b>Aluminum Wheels</b>
<b>Running Boards</b>
<i>--&gt;&gt;&gt; Sales Activity required &gt;&gt; Gasoline Type 1 Chassis</i>
options are attached below, that need loaded into the correct location in the order.
At the DEF fill bezel at side of body, choose none required, GASOLINE chassis.
 <i>-- Urea fill DELETED GASOLINE ENGINE CHASSIS NO HOLE CUT</i>
<i>-- Ford Super cab 2nd Row OEM seating, Mounting bolts Seat Belts stay &gt;Talk-thru</i>
Requires Talk Through Cab connection only, Seat backs will interfere with any other type of cab connection. Remember to change chassis cab seating positions to 5
 <i>-- Cab Door Locks: Power XLT- Auto Lock,Auto Unlock Standard</i>
<i>-- Ford F series High center mount brake light ordered with chassis</i>
<i>-- Throttle: Ford High Idle</i>
<i>-- , Backup Camera fixed system 872 Ford OEM install on module Type 1 F series</i>
OEM camera with no weather shield, adjustable position, Displays into OEM Radio
 <i>Liquid Spring Rear Suspension: F-450 84" CA 2022+</i>
*NOTE: If Oxygen Lift is installed, then if the O2 Cmpt Door is open, the kneeling suspension will not dump until door is closed*
 <i>-- ""DETAIL"" Liquid Rear Suspension Decal Install</i>
Prior to delivery, detail department is to install a Black Decal on the dash:

**DESCRIPTION**

*-- Kneeling Feature: Enable Momentary Switch Located in face RR Cabinet ILOS*  
 Switch location shall be within reach of an attendant standing on the ground, outside the module. It shall be recessed from the wall surface.

*-- LOCATION: Sw panel on Face of CS cabinets near RA door*  
*-- Kneeling Feature: Activated by TRAILING rear access door*  
*-- Exhaust system termination point: OEM Location, Rt Rear*  
*-- Liquid spring controller shipped loose with completed unit*

Dealer to install with customer on arrival

*-- Rear Liquid Spring Surcharge Jan 9 2023 Ford & Ram*  
*-- Rear Stabilize (Anti-Sway) Bar: OEM, Ford F-450/550*

***-- 148 x 95 Ford T-1 Module Body, Conversion - 20.001 06/28/21 ==***

**BODY Generation 10**

*-- Body Certification Provided to Specification -Gen 10*

The Body Manufacturing group certifies that this Ambulance Modular body has been constructed of materials and methods that meet or exceed the standards as required by the AEV Generation 10 Body Specification of February 24, 2022 as published. The body shall be built and constructed to the submitted work order and the AEV Generation 10 build standards without exception. Any Deviations to the work order or Generation 10 build standards must have written authorization prior to body delivery to AEV by the AEV Body Engineer on file.

*-- Body Build Information*

Body Number;

Account Manager;

Chassis Type :

Mickey Body Due Date;

***-- ALL DIMENSIONS ON ORDER WILL HAVE A VARIABLE OF + OR - 1/4"***

Unless specified as a minimum dimension.

**F450/550 4x2/4x4 CHASSIS**

*-- Body, Module: Ford, 157" x 96" x 72" Interior HR 6" Body Drop*  
 Must Change Dome Lights to 4 C/S, 4 S/S.

*-- Headroom: 74/72" Finished Interior - Ducted A/C*  
*-- Compartment and Entry door Full length Stainless Steel Hinges std*  
*-- 6" Body Drop Foward of Curbside Wheels*  
*-- Compt Door Check: Double Action Gas Shock*  
*-- Door Swing Angle: Set to 90-100 degrees*  
*-- Compartment Construction: STANDARD, Unless Specified Otherwise*

Sides and Back: .100 Polished Aluminum Diamond Plate

Compartment Ceiling: .090 Aluminum Sheet

*-- Compt Floors: Sweep-out, even with bottom door jamb*  
 Unless Specified Otherwise.

DESCRIPTION
<ul style="list-style-type: none"> <li> - Compartment floor thickness .125" standard</li> <li> - Compartment Ventilation - Flap style #VT-2495-A01, STD</li> <li> - Curb side Entry Door (CSE): 78.8 High x 31 Wide</li> <li> - C/S Door Check : Double Action Gas Shock</li> <li> - Door Swing Angle: Set to 90-100 degrees</li> <li> - Curbside Entry Door (CSE) Location: Standard, Rearward of M-7 Compt if Optioned</li> <li> - Step Well, CURBSIDE Entry, 2-Step DP, Custom for Portable O2-Grip Strut 2 T1</li> </ul>
MBN: See drawing
<ul style="list-style-type: none"> <li> - Grip Strut Stepping Surface on Stepwell: Installed</li> <li> - ILOS Lts, Step Well: 3" Kin#4302S LED stainless steel surface mount housing</li> </ul>
Light shall come on with CS door or with right flood switch.
<ul style="list-style-type: none"> <li> - M-1 Compt (LF): 72" H x 24" W x 20.5" D</li> </ul>
MBN: Dogleg in top of compartment for interior cabinetry
Compartment to be full height behind shortened doors. Floor to be panned down 3" forward of O2 rack. Reference drawing
<ul style="list-style-type: none"> <li> - Compartment Construction: STANDARD Diamond Plate</li> </ul>
Sides and Back: .100 Polished Aluminum Diamond Plate
Compartment Ceiling: .090 Aluminum Sheet
<ul style="list-style-type: none"> <li> - Compartment Door Panel: Diamond Plate</li> <li> - Compartment Finish: Diamond Plate Standard</li> <li> - Compartment Door Ventilation - small punched half-moon Louvered Door</li> <li> - Compt Floor: Sweep-out, even with bottom door jamb.</li> <li> - Compartment floor thickness .125" standard</li> <li> - Compartment Door: SINGLE DOOR, Forward hinged 2-point Latch</li> <li> - Compt Door Check: Double Action Gas Shock</li> <li> - Door Swing Angle: Set to 90-100 degrees</li> <li> - Storage in Oxygen compartment Requested Exception to KKK-F Specifications</li> <li> - Shelf, Adjustable, Ext: .125 Aluminum, 2" Upward Lips</li> </ul>
Add 10" to uni-strut like last units
<ul style="list-style-type: none"> <li> - Shelf Bracket: CPI 90 Deg with Slotted Holes</li> <li> - Divider, Vertical, Full compartment height, alum, Fixed</li> </ul>
Divider to be rear of panned down floor
<ul style="list-style-type: none"> <li> - Non-Compliant to 3.11.3 KKK-F Storage in Oxygen Compartments Notice</li> <li> - Light, Cmpt: Vista LED Rope Style #FSW1F, White 3-sides ILOS</li> </ul>
MTB Note: No light hole required

DESCRIPTION
-- Prep for O2 Lift: NONE
--
-- <b>M-2 Compt (LMF): 40" H x 24.5" W x 20.5" D</b>
-- <b>Compartment Construction: STANDARD Diamond Plate</b>
Sides and Back: .100 Polished Aluminum Diamond Plate
Compartment Ceiling: .090 Aluminum Sheet
-- <b>Compartment Door Panel: Diamond Plate</b>
-- <b>Compartment Finish: Diamond Plate Standard</b>
-- <b>Compartment Ventilation - Below Floor Style</b>
-- <b>Compt Floor: Pan Down 3"</b>
-- <b>Bio-Waste: Diamond Plate Closeout for Bio in A/A</b>
MBN: Custom dogleg - see drawing
-- <b>Compartment Door: SINGLE DOOR, 1-point Latch</b>
-- <b>Compt Door Check: Double Action Gas Shock</b>
-- <b>Door Swing Angle: Set to 90-100 degrees</b>
-- <b>Divider, Vertical, Full compartment height, smooth aluminum Fixed</b>
-- <b>Light, Cmpt: Vista LED Rope Style #FSW1F, White 3-sides ILOS</b>
MTB Note: No light hole required
-- <b>Condenser, 12V: VALEO #25062, Dual Fan, Front of Module</b>
as part of HWP purchased for the medium duty units.
-- <b>ARCTIC WEDGE Front of Body No Pre-drilled holes</b>
part #WEDGE-HVAC
>>> No Pre-drilled light holes.
Use of the wedge is subject to engineering review and approval for Light duty Type III models. A reduction in light sizing above the wedge may be required.
-- <b>No warning lights installed on Artic Wedge, Brand Sticker Not Required</b>
-- <b>Painted Part- Painted White YZ Std</b>
-- <b>Painted Part- Painted White YZ Std</b>
-- <b>Standard Conduit: 1-1/2", with pull wire</b>
-- <b>CONDUIT ORIGINATION POINT: M-2 compartment</b>
-- <b>CONDUIT TERMINATION POINT: Behind A/A Board (Panel)</b>
-- <b>Conduit #2 1-1/2" diameter, with pull wire, Type 1 units Std</b>
-- <b>CONDUIT ORIGINATION POINT: Electrical Circuit board cabinet</b>
-- <b>CONDUIT TERMINATION POINT: Behind Driver's seat</b>
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-- <b>M-2.5 Compt: 28.25" H x 40.5" W x 6" D</b>
Compartment located above M2 compartment. Partial depth for electrical board. Key different than rest of the doors
-- <b>M-2.5 Compartment Construction: Smooth Aluminum ILOS</b>
Sides and Back: .090 Aluminum Sheet
Compartment Bottom: .125 Aluminum Sheet
Compartment Ceiling: .090 Aluminum Sheet

**DESCRIPTION**

- /-- **Compartment Surface Finish: Painted White YZ M-2.5**
- /-- **Compt Floor: Sweep-out, even with bottom door jamb.**
- /-- **Compartment floor thickness .125" standard**
- /-- **Door, Compt, SINGLE DOOR, 2-pt Latch, Hinge Top**

**Install gas piston door hold opens**

/--

- /-- **M-3 Compt (LR): 24" H x 44" W x 20.5" D**
- /-- **Compartment Construction: STANDARD Diamond Plate**

Sides and Back: .100 Polished Aluminum Diamond Plate

Compartment Ceiling: .090 Aluminum Sheet

- /-- **Compartment Door Panel: Diamond Plate**
- /-- **Compartment Finish: Diamond Plate Standard**
- /-- **Compt Floor: Pan Down 3"**
- /-- **Compartment Doors: DOUBLE DOORS, ILOS single**
- /-- **Compt Door Check: Double Action Gas Shock**
- /-- **Door Swing Angle: Set to 90-100 degrees**
- /-- **Shelf, Adjustable, Ext: .125 smooth Aluminum, 2" Upward Lips**
- /-- **Shelf Bracket: CPI 90 Deg with Slotted Holes**
- /-- **Light, Compt: Vista LED Rope Style #FSW1F, White 3-sides ILOS**

MTB Note: No light hole required

/--

- /-- **M-4 Compt (RS): 40.5" H x 14.6" W x 76/28" D**

**MBN: See drawings**

- /-- **Compartment Construction: STANDARD Diamond Plate**

Sides and Back: .100 Polished Aluminum Diamond Plate

Compartment Ceiling: .090 Aluminum Sheet

- /-- **Compartment Door Panel: Diamond Plate**
- /-- **Compartment Finish: Diamond Plate Standard**
- /-- **Compt Floor: Sweep-out, even with bottom door jamb.**
- /-- **Compartment floor thickness .125" standard**
- /-- **Compartment Door: SINGLE DOOR HINGED LEFT, 1-point Latch**

**Install as stainless plate with 5" lip hanging down below M4 door**

- /-- **Shelf, Fixed, Ext: .125 Smooth Aluminum, 2" Upward Lips**
- /-- **Light, Compt, LED, M-4 (RS): Intertek Model No ZY-156-LEDC, STD**

MTB Note: 1" Hole, Centered in Compartment ceiling

/--

- /-- **M-5 Compt (RR): 12.1" H x 18.3" W x 20.5"**

- /-- **Battery Drawer compartment Construction: STANDARD Diamond Plate**

Sides and Back: .100 Polished Aluminum Diamond Plate

Compartment Bottom: .125 Aluminum Sheet

## DESCRIPTION

Compartment Ceiling: .090 Aluminum Sheet

|- Compartment Door Panel: Smooth Aluminum

|- Compartment Finish: Diamond Plate Standard

|- **Battery Drawer: SINGLE DOOR, 2-point Latch**

|-

|- **Delete M-6 Compartment**

|-

|- **M-7 Compt (RF): 71.5" H x 18.3" (std 148) W x I/O 21" D below floor line**

|- Compartment Door: SINGLE DOOR, Forward hinged 2-point Latch

|- Compt Door Check: Double Action Gas Shock

|- Door Swing Angle: Set to 90-100 degrees

|- Light, Cmpt: Vista LED Rope Style #FSW1F, White IATS

MTB Note: No light hole required

|-

|- **M-8 Drawer (RF): None - Batteries Under Hood**

|- Rear Access Doors: 46 3/4" Wide x 60 5/8" High

MBN: Custom location of rear door handles due to rear lights

|- **Talk through, Cab to Mod (T1)**

|- Body Drop: 6" Curbside, Ahead of Rear Wheels

|-

## WELDING - CELL 1

|- Diamond Plate, Wheel Well Areas

|- Stainless Steel - Sill protection: For the following compartments

|- M-4: Rear Spine Board/Stair chair Compartment - Single Bend

|- M-7: Right Front Compartment - Single Bend

|- M-4: Extension - Stainless Steel Down to Kickplate-Single Bend IATS

Fuel Fill: CPI Housing with Drain 53 FGT0053-1-238

Urea fill **DELETED GASOLINE ENGINE CHASSIS NO HOLE CUT**

|- Wire/Hose Cover : Diamond Plate, Between Cab & Module

|-

|- **Pass-Thru cab mounted wind deflector - Aluminum Diamond Plate**

AEV Weld shop builds and installs, Attaches to Cab side of bellows mount.

Same width as bellows mount with short down turned sides. Secured on sides to bracket. Small up-turned lip at back of wind deflector.

non-Painted

|- **Bumper, Rear:X-Series Type 1/9 96" Wide w/ Embossed D/P Pontoon Covers ILOS**  
X-Series Design. MTB; Delete std bumper.

|- **Step, Center:2" x 9" Bar Grate, flip-up, recessed**

Standard with X series,> AEV builds

MTB delete flip up step.

**DESCRIPTION**

*!-- Dock Bumpers: Rubber U-Shape, 3 3/8" H x 12" W x 2 1/8" Thick*

*!-- Fenders, Rear: Rubber Extruded, Black*

MTB #7215439

*!-- Skirt Rails: Polished D/P, w/ 12-inch Lights, X-series type (non-X ILOS)*  
Delete FROM MTB, AEV to build

*!-- Skirt rail Lights, Front Pair 12" LED*

(1) Each side, forward position, in front skirt rail

*!-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series*

NOTE: Mount Red On TOP and Clear on Bottom

*!-- Skirt rail Lights, Middle Pair 12" LED*

(1) Each side, rear position, in front skirt rail

*!-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series*

NOTE: Mount Red On TOP and Clear on Bottom

*!-- Skirt rail Lights, Rear Pair 12"-LED*

(1) Each side, in rear skirt rail

*!-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series*

NOTE: Mount Red On TOP and Clear on Bottom

*!-- Skirt rail Lights Switched: Primary Only*

*!-- LED Ground Lights: (6) Kinequip White 12" -LED lights, In Skirt rails x*

*!-- LED Ground Lights Switched:*

Separate Switch in the Cab console and with any rear entry or compartment door

*!-- Rear Kick Plate: Aluminum D/P, Recessed, X-Type Type 1 Flat upper edges*

MTB; delete rear kickplate

special order AEVSC.

Custom design, Kickplate diamond plate come to top of corner caps and straight across to rear doors. Custom drawing available "GUILFORD" in PDF of this option.

PLAT-22616

*!-- Rear Recovery Eyes: (2) Cast Iron 1 3/16" center eye Paint Black*  
1-3/16" ID center eye

*!-- Eye Access Holes: (2) 5 inch Dia....., Align w/ eyes*

*!-- Recessed Tag Area: Polished Aluminum Diamond Plate*

*!-- Location: Centered in the kick plate*

DESCRIPTION
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|-- *Tag Light: Kinequip LED #132703C*

|-- *Rear Flip up Step Lights, (2), Kinequip LED Strip light #KFL-SLC8 IATS*

Mounted above rear bumper flip up step, in kick-plate recess

|--

|-- Corner Caps: 24.0" High, Alum Diamond Plate

If there is a body drop, add the appropriate height to Corner Caps.

|-- Front Stone Guards: 24.0" High, Alum Diamond Plate

If there is a body drop, add the appropriate height to Stone Guards.

|-- *Mud Flaps Front: Modular, Rubber with AEV/Rev Logo std*

|-- *Mud Flaps Rear: Modular, Rubber AEV LOGO*

(2) Rear Door Hold Opens: Grabber Style, 1 on each door

**EXTERIOR LIGHTING / HEAT/AC / INSULATION - CELL 2**

**CORNER CAP LED ICC/WARNING LIGHTS**

|-- Front Corner Cap LED ICC/Warning Lights: Warnings RED/WHITE

|-- *Front Center ICC Lts: (3) AMBER Weldon LED No 9186-1500A*

Switch w/ Headlights.

|-- *Front ICC Lts Guards: (3) Across Front Weldon*

|--

|-- Rear Corner Cap LED ICC/Warning Lights: Warnings RED/AMBER

|-- *Rear ICC Lts: (3) RED Weldon LED No 9186-1500R*

Switch w/ Headlights

|-- *Rear ICC Lts Guards: (3) Across Rear*

|--

|-- ICC Warning Lights Switched: Primary Only

|--

**Tail Lights, Whelen LED Combinations , ILOS,**

|-- *Side Marker Lts: (2) Whelen 400 LED with chrome flanges Red Running/Turn, ILOS*

This is a 400 Series Tail/Stop Fully Populated Light Used for Side Marker.

Running to be wired as Tail and Turn to be wired as Stop.

These are to both have Chrome flanges.

Part No: (2) LITE-4LEDBR/404BTT

part (2) LITE-FEFLANG

|-- *Whelen 600 Series, Tail Lights*

|-- *Housings, (2), Whelen CAST3, (3) 600 Series lights, Vertical Mount*

|-- *Stop/Tail, Whelen 600 Series, LED, Pair, Maximum Populated*

|-- *Turn,(2) Federal Signal QL64T 6x4 Amber SOLID LED ILOS*

|-- *Back up, Whelen 600 Series, LED, Pair, Minimum Intensity*

|--

**LED Lights, Door Panel Warning, Interior**

|-- *Lights Switched with Entry Door Switch*

<b>DESCRIPTION</b>
<i> - Entry Door Panel Lights : (3) Whelen Wide Angle ION Red LED Surface Mount Chrome</i> In Chrome Flange, Light to flash when door is open. (3) LITE-WIONSMCR Location; At door center handle panel, just below towards outer edge, Dealer to confirm ?????????????????????????????
<i> - Lights Switched with Entry Door Switch</i> <i> -</i> <b>Lights, Cab Step: 2" White LED, chrome flange mounted in box front, Whelen</b> Activate by Cab Doors. Constant Hot.
<b>Patient Area Turn/Stop Light Indicator: (3) Kinequip KML Lights</b> LOCATION: (2) Amber & (1) Red lights, Inside, Over Rear Doors on Rear Header Pad
<b>Third (3rd) Brake Light: NONE</b> <b>SCENE/FLOOD LIGHTS (Whelen 900 LED-24 Series)</b> <i> - Left Scene Lights: (2) LED-24, Whelen 900</i> <i> - Additional LH Scene Light: (1) LED-24, Whelen 900</i> <i> - Left Flood Activate: Left Flood Switch</i> <i> - Left Flood Activate: Left Flood Switch</i> <i> - Right Scene Lights: (2) LED-24, Whelen 900</i> Chrome flanges for this light included  <i> - Additional RH Scene Light: (1) LED-24, Whelen 900</i> <i> - Right Flood Activate: Right Flood Switch and open CSE Door</i> <i> - Right Flood Activate: Right Flood Switch and open CSE Door</i> <i> - Rear Load Lights: (2) LED-24, Whelen 900</i> <i> - Activate: Rear Flood Switch, Reverse and Lead RA Door</i>
<b>Secondary Heat/AC: Danhard 125VAC System, 50-3000</b> All underbody components must be mounted ahead of rear axle if Possible. With Danhard thermostat 50-2310 mounted in A/A Danhard Located in Squad Bench  <i> - Danhard Digital Thermostat remote mounted included</i> Location:  <i> - Danhard Compressor/ Condensor Mounted Underbody</i> HVAC: VALEO, Ducted in Ceiling - Vert .att Facing Rear T1 F 2023+ Raise cabinet 12" off floor (cabinet above A/C will loose 12" in height due to change)  Install access panel on rearward section of A/C cabinet behind attendant seat  Mounted Behind the Attendant Seat Base to face rear

DESCRIPTION
<ul style="list-style-type: none"> <li>-- Water Pump: Installed required</li> <li>-- A/C Condenser: See M2 Cmpt for Condenser Information</li> <li>-- Intermotive Module H-CVC-501-A-G Diesel Installed 2023+ F super Duty</li> <li>-- AC COMPRESSOR: Tee into OEM</li> <li>-- AC Evaporator: VALEO/ACC (AC/Heat unit) w/ dual fans - STD           <ul style="list-style-type: none"> <li>-- Heater Hoses: EPDM - Nomex Rubber (per Ford QVM)</li> <li>-- Side Plenum Grille, Return Air: Stamped Powder Coated Steel</li> <li>-- Filter, Washable Carbon Pre-Filter</li> <li>-- Ducted AC Delivery: insulated &amp; foil wrapped, 10 registers</li> </ul> </li> <li>-- Thermostat, Rear A/C, Digital, ACC System</li> </ul>
Located in A/A. See Drawing.
CEILING PANELS: ACM Gloss White - Short Modules
<ul style="list-style-type: none"> <li>-- Dome Lts, K-Edge LED W/ R (4) S/S, (4) C/S ILOS</li> <li>-- Trauma LT (4) K- Edge White in center pad           <ul style="list-style-type: none"> <li>-- LOCATION: 100% In Center Ceiling Pad</li> <li>--</li> </ul> </li> <li>-- Timer: Electronic, 15 Min with momentary switch</li> </ul>
Located on curbside wall at head of squad bench.
<ul style="list-style-type: none"> <li>-- Timer to Power: All Center pad Lights           <ul style="list-style-type: none"> <li>--</li> </ul> </li> <li>-- IV Hook No 1: CPI Rubber IV 2008-1(Recessed Mount), ILOS           <ul style="list-style-type: none"> <li>-- LOCATION: Over head/chest area, primary patient on COT</li> </ul> </li> <li>-- IV Hook No 2: CPI Rubber IV 2008-1(Recessed Mount), ILOS           <ul style="list-style-type: none"> <li>-- LOCATION: Over head/chest area, secondary patient on S/B</li> <li>--</li> </ul> </li> <li>-- Recessed C/S Grab Rail, ceiling: 1.25 Dia..... 3 pt, 72in, Gray Anti microbial            Grab Rail will be recessed in a ABS pan.</li> </ul>
-- Streetside Grab Rail: None
Insulation PKG: Body Std.
<ul style="list-style-type: none"> <li>-- Insulation: Circumferential PKG, Single Layer Reflective w/ Air cell core</li> <li>-- 2" White Styrofoam Insulation in all Compartment and Entry Doors-Base Std</li> <li>-- Insulation: Entry Door, Reflective w/ Air cell core</li> <li>-- Insulation Sound Deadening: Generation 10 Floor</li> <li>-- Light Bar Alternative, (4) Across Front, 92" or wider</li> </ul>
In Addition to Standard Front Three (3) Body Warning Lights. Seven (7) Total Lights Across Front of Body.
<ul style="list-style-type: none"> <li>-- Front of Module SLED System - 92" and wider (4)           <ul style="list-style-type: none"> <li>-- Whelen, 900 Super LED, (4), (2) Red &amp; (2) White               <ul style="list-style-type: none"> <li>-- Flasher for LED front of module: None</li> <li>-- Flanges: (4) 900-Chrome Flanges for lights above</li> <li>-- Light: Whelen 900, Super WHITE LED/CLEAR LENS, Programmable IATS</li> </ul> </li> </ul> </li> </ul>

**DESCRIPTION**

|- Light: Whelen 900, Super RED LED/CLEAR LENS, Programmable IATS

|-

|- Alternative Lightbar Switching, Prim/Sec

|- Rear Light Bar: NONE

**WHELEN LED WARNING LIGHT SYSTEM - F-series LTD**

|- Flasher: None, All Super LED's Are Programmable-

900's Top Half #3 Bottom Half #4

700's/600's #3

|- Flash Pattern: None, Internal Light Head Flasher

|- Warning Light SWITCH: center console, Primary / Secondary

All front 900 warning lights on in primary - only red to be on in secondary

|- Opticom: 792H 3M Black/Gray Opticom Unit installed

Strobe Infra-red Opticom, Stand Alone unit.

EMIT-792H

|- Opticom Location: Built into 900 Series Center Strobe -discontinued no inventor

LITE-9CS 900 Clear Strobe > part no longer available

LITE-9OFLANGEC

LENS-9LEDCLR clear non optical lens

|-

|- (4) Grille Lights: Whelen Wide Angle ION series, LED, Chrome Flange

Top - Red Clr

Bottom - Clr Red

Flash in X pattern

Signal Alert #1

1 - 2

2 - 1

|- (2) RED ION Series, Wide Angle LED, Surface Mount, ILOS

|- Lens color for Above LED Light to be: Clear

|- LED Color for Above ION Series LED : RED

|- (2) WHITE ION Series, Wide Angle LED, Surface Mount, Additional

|- Lens color for Above LED Light to be: Clear

|- LED Color for Above ION Series LED : WHITE

|- (2) Front Intersection, Whelen 500, RED/WHITE LED Clear Lens with flange ILOS

|- Intersection Housings: (2) Cast, TIR6 Lights, 15', F-Series 2017-2022 IATS

|- Add 'l Side Warning Lights, : NONE

|-

|- DELETE (1) Center Front Warning Light

|-

|- (2) Front Warning Lts: Whelen 900, (Super LED)

|- Flanges: (2) 900-Chrome Flanges for lights above

|- Light: Whelen 900, Super RED LED/CLEAR LENS, Programmable ILOS

DESCRIPTION
/-
/- (4) <b>Side Warning Lts: Whelen 900, (Super LED)</b>
-- <b>Flanges: (4) 900-Chrome Flanges for lights above</b>
-- <b>Light: Whelen 900, Super RED LED/CLEAR LENS, Programmable ILOS</b>
--
/- (2) <b>Rear Intersection Lts : Whelen 700, (Super LED) IATS</b>
-- <b>Flanges: (2) 700-Chrome Flanges for lights above</b>
-- <b>Locations: (1) over each rear wheel well opening.</b>
-- <b>Light: Whelen 700, Super RED LED/CLEAR LENS, Programmable ILOS</b>
-- <b>Rear Intersection Lights Sw: PRIMARY ONLY</b>
--
/- (2) <b>Rear Warning Lts: Whelen 900, (Super LED) ilos</b>
-- <b>Flanges: (2) 900-Chrome Flanges for lights above</b>
-- <b>Location: REAR, (1) in EACH Upper outer corner.</b>
-- <b>Light: Whelen 900, Super RED/AMBER LED/CLEAR LENS, Programmable ILOS</b>
--
/- (2) <b>Rear Warning Lts: Whelen 900, (Super LED), IATS</b>
-- <b>Flanges: (2) 900-Chrome Flanges for lights above</b>
-- <b>Location: REAR, (1) aligned w/ EACH upper window in RA doors.</b>
-- <b>Light: Whelen 900, Super RED/AMBER LED/CLEAR LENS, Programmable IATS</b>
--
/- (1) <b>Rear Center AMBER Warning Lt: Whelen 900, (Super LED)</b>
-- <b>Flange: (1) 900-Chrome Flanges for light above</b>
-- <b>Light: Whelen 900, Super AMBER LED/CLEAR LENS, Programmable ILOS</b>
/- <b>Additional Warning Lts : (2) Whelen 600 Super LED</b>
-- <b>Flanges: (2) 600-Chrome Flanges for lights above</b>
-- <b>Light: Whelen 600, Super RED LED/CLEAR LENS, Program ILOS</b>
-- <b>Location: On Rear doors (1) on each side</b>
/-
/-
<b>ELECTRICAL - CELL 3</b>
<b>ELECTRICAL NOTE:</b>
Move standard breakers and relays from console to circuit board
Lower breaker boxes in M2 compartment
Install expanded metal cover over electrical components in M2
NOTE: Leave OEM sync usable in console
-- <b>Light, Single, Aircraft swivel: w/ switch -Limited Inventory</b>
Limited inventory at AEV , 30 pcs 11/15/22.
Vendor has discontinued the product

**DESCRIPTION*****!-- Customer Supplied Part(s) : NONE***

ITEMS MUST BE NEW, No USED items accepted. Required under GSA-K-1822 and CAAS GVS.

!--

***!-- Break out Data Box- Module for Customer Data port Ford F2020+***

The customer shall take responsibility to make final connections to the ODBM port for this connection. This port allows for interface to the chassis as specified in the ordering of the break out box. The customer assumes liability for interference with the chassis reporting and performance structures should any occur.

Additional connection harness provided, per AEV engineering drawing.

***AutoGARD Transmission Shifter Lock Ford F Super Duty***

Kit installed by AEV with push button installed on Dash with labels in chassis cab. Automatically engages when vehicle placed in park, key in the ignition.

Hand Held Spot Light: None

!-- Cab Spot Light: None

Not Require by KKK-F

!-- ***AEV Traumahawk Telematics Declined, Not required***

!-- ***Geo Tab Pre-wire***

Geotab Pre-wire consists of the following wires.

>

>

Reverse input (+)

Siren Speaker (+)

Warning Light (+)

Spotter Switches (1) Curbside Switch Panel Console

(1) Over Driver's side tail light

Battery Hot (+)

Located on driver's side dash

***Batteries: 4 - Battery System - Type I Gasoline***

!-- ***Batteries: (4) Batteries, ILOS Type I***

!-- ***(2) Under hood, (2) in M5 Cmpt***

***Batteries must match***

!-- ***Battery Make: (2) OEM, (2) Random Make 750 CCA Each***

2 Aftermarket Battery Brand must match.

!-- ***Battery Switch: Cole Hersee 2484-16 Paddle, T1 center console***

SWITCH LOCATION: Drivers' side of center cab console.

!-- ***Batteries Wired: Parallel for higher amperage***

!-- ***Computer Battery Isolator***

This will isolate the computer battery from the OEM batteries. This battery will be

DESCRIPTION
connected together only when the OEM ignition is ON or the shoreline is plugged in for charging the computer battery
<p><i>-- Batteries Wired: Parallel for higher amperage</i>  <b>Remote Jump Start: Anderson Style Connector with Cable set</b></p> <p><i>-- Remote Jump Start Point: Front Grille Area</i>  <i>--</i></p>
<p><b>PWR Door Locks: Module Doors - Full Mod T1 Ford</b></p> <p><i>-- Door Locks, Tied into OEM System Type 1 Ford</i>  <i>-- OEM Key Fob: Included w/Chassis Unlock Mod Doors</i></p> <p>Must also operate the Module Power Door Locks Optioned.</p>
<p><i>-- Door Lock Switches : Integrated in Interior Entry door Handles</i>  <i>-- ONLY the following doors shall have power door locks:</i></p> <p><i>-- Electric Door Lock: (M-1) Left Front Compartment</i>  <i>-- Electric Door Lock: (M-2) Left Middle Compartment</i>  <i>-- Electric Door Lock: (M-3) Left Rear Compartment</i>  <i>-- Electric Door Lock: Rear Access Doors</i>  <i>-- Electric Door Lock: (M-5) Right Rear Compartment</i>  <i>-- Electric Door Lock: Curbside Access Door</i>  <i>-- Electric Door Lock: (M-7) Right Front Compt</i>  <i>-- Door Unlock Switch, Momentary, Exterior, hidden</i></p>
<p>NOTE: Installation of Remote Door Lock Switch feature may increase likelihood of unauthorized entry into vehicle. By checking this option, purchaser further agrees to hold REV or chassis manufacturer harmless for any loss of vehicle or contents caused by unlawful access.</p>
<p><i>-- Location: Front Grille/Bumper Area</i>  <i>--</i></p> <p><i>-- Remote Keypad #1: Installed Horizontal</i>  MTB to cut mounting holes per provided drawing.</p>
<p><i>-- Location: By Curbside Door</i>  <i>-- Remote Keypad #2: Horizontal Installed</i>  MTB to cut mounting holes per provided drawing.</p>
<p><i>-- Location: By Rear Doors</i>  <b>Ford OEM backup Camera installed, Cable, Displays into OEM Radio</b>  Ordered with Chassis. This product has no BRAKE light capability.</p>
<p><i>-- Camera Color: as received May be black or gray color</i>  <b>Circuit Board: RMR Rail System, W/ LED Diagram - Type I</b>  One master switch in console</p>
<p><i>-- Circuit Protection, 12V: Blade Breaker - Manual-reset</i>  <i>-- Sequencer, Kussmaul, with load manager, Model 091-32</i>  Bypass switch located &amp; labeled on circuit board.</p>

<b>DESCRIPTION</b>
<ul style="list-style-type: none"> <li> -- Ind Light Flasher: Thru 14S Flasher Unit</li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Type I - CAB Wood Console:</b></i></li> </ul>
<p><b>Flat area at top of console for computer mount. Angled switch panel, flat radio storage area behind siren</b></p>
<p><b>NOTE: Leave OEM sync usable in console</b></p>
<ul style="list-style-type: none"> <li><i> -- <b>Engine Hour meter: OEM, Gauge Cluster</b></i></li> </ul>
<ul style="list-style-type: none"> <li> -- Type 1 LED Rocker Switches Front and Rear Switch Panels Standard</li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Light, Door Ajar, IATS, 2" RED LED, Whelen #TOROOMRR, In Cab Ceiling</b></i></li> </ul>
<p>Steady Burn, to activate when module entry/compartment doors are open.</p>
<ul style="list-style-type: none"> <li> -- Master Switch: Front Only</li> <li> -- Smart Volt Meter: (1) Kinequip 8.0 thru 16.0 Volts, Digital w Low voltage buzz</li> <li> -- Engraved LOGO: AEV TraumaHawk</li> <li> -- Indicator Light: Halogen AMBER "Compt Open" light <ul style="list-style-type: none"> <li> -- Flashing light: Activate w/ ANY compartment door switch.</li> </ul> </li> <li> -- Indicator Light: halogen GREEN "AMB PWR" light <ul style="list-style-type: none"> <li> -- Steady burn light: Activate with Conversion power switch</li> </ul> </li> <li> -- Indicator Light: Halogen RED "Door Ajar" light <ul style="list-style-type: none"> <li> -- Flashing light: Activate w/ ANY Mod entry door switch.</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Door/Comp Ajar Buzzer: Activate with Entry &amp; Compt Door</b></i></li> </ul>
<p>This is in addition to Indicator Lights.</p>
<ul style="list-style-type: none"> <li> -- Illumination strip LED for Front and rear switch panels 12v</li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>2ND PATIENT AREA SWITCH PANEL RMR SYSTEM INSTALLED &gt; IATS &lt;</b></i></li> </ul>
<p>A Second Switch panel is installed in the patient area</p>
<ul style="list-style-type: none"> <li><i> -- <b>2nd Switch panel RMR system mounted Curbside in padded angled box</b></i></li> </ul>
<p>An angled box of minimal size of matching Formica shall be installed on the curbside wall to mount the 2nd switch panel bezel. See Drawing for Location</p>
<p>Padding of matching vinyl shall be installed.</p>
<ul style="list-style-type: none"> <li> -- Console Finish: Black, Textured "Easy Grip"</li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Add-on Console: Type 1</b></i></li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Drink Holder: (2) In Add-on Console, Big Gulp Size</b></i></li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Drink Holder Location: Rear</b></i></li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Note Book Slot: Single - Full width by 4" wide</b></i></li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Divider(s): NONE</b></i></li> </ul>
<ul style="list-style-type: none"> <li><i> -- <b>Console Finish: Black, Textured "Easy Grip"</b></i></li> </ul>
<ul style="list-style-type: none"> <li> --</li> </ul>
<ul style="list-style-type: none"> <li> --</li> </ul>
<p>Back-up Alarm: Standard 102DB</p>
<ul style="list-style-type: none"> <li> -- Cut Off Switch: NONE</li> </ul>
<p>Ground Straps, Module to Frame: (Qty 4) Braided</p>

**DESCRIPTION****Converter : 15A IOTA 125 VAC to 15A @ 12 VDC**|-- **Location: M-2 Compartment**|-- **Converter to power: Dome Lights off of Shoreline****To power center dome lights off shoreline on high****Inverter : Vanner LIFESINE 1100 Pure Sine Wave, w 55 amp 3 stage charger**|-- **Portable Equip Charging Circuits: Included in Inverter**|-- **PREWIRE LOCATION: (1) Cab Console, (1) Behind A/A**|-- **Portable Equip Pwr Source: Ignition and/or Shoreline**|-- **Battery Charger/Conditioner: 55A - Built into Inverter**|-- **Built-in Battery Charger: Enable - Wire to Batteries**|-- **Inverter Location: M-2 (LFM) Compartment**|-- **On Ceiling near wall #1**|-- **Expanded Aluminum Cover: Over Inverter****COMMUNICATION RADIO(S) RELATED  
RADIO POWER**

|-- Radio Power No 1: 30A, Pos and Neg, 10 awg Wires

|-- Radio Power Source: Battery Switch Hot

|-- **LOCATION: Inside Cab Center Console**

|-- Radio Power No 2: 30A, Pos and Neg, 10 awg Wires

|-- Radio Power Source: Battery Switch Hot

|-- LOCATION: Behind Action Area Board

|-- **Radio Power No 3: 30 A with Buss bar**|-- **Radio Power Source: Battery Switch Hot**|-- **LOCATION: Radio Cabinet****ANTENNA LEADS**|-- **Coaxial Cables: NONE**|-- **Conduit No 1: 1 1/2", with pull wire**|-- **CONDUIT ORIGINATION POINT: Behind Driver's seat**|-- **CONDUIT TERMINATION POINT: Radio Cabinet Behind Att. Seat**|-- **Conduit No 2: 1 1/2", with pull wire**|-- **CONDUIT ORIGINATION POINT: M2.5 Compartment**|-- **CONDUIT TERMINATION POINT: M2 Compartment**

|-- Patient Area Radio : None

|-- **12V Pre-wire Installed in Cabinet A4****125V SHORE LINE AND OUTLETS**|-- **Shore Line Inlet: 20 A Super Auto Eject, ILOS**

&gt;&gt; Access plate either interior or exterior mounting plate required &lt;&lt;

|-- **Inlet location: Front of Body on Driver's Side****Attention: Mount lower this outlet down over top of the 20 amp next to the paint belt**|-- **Indicator Light, Shore line: Weather proof, power by SL, Green**  
Indicator light located above shore line inlet.|-- **Cover, Yellow, Shore Line Inlet : 20A Super Auto Eject, STD**

DESCRIPTION
--
-- <b>Inpower Timer: VCM-05-01SF, Installed</b>
NOTE: This allows the auto eject to be wired to the ignition switch In lieu of splicing into the OEM starter circuit and is required any this vehicle
-- <b>Shore Line Inlet No 2: 30 A, Twistloc, IATS</b>
-- <b>Inlet location (IATS): Front of Body on Driver's Side</b>
<b>Attention: Mount lower this outlet down next to yellow belt</b>
-- <b>Additional Ind Light, Shore line: Weather proof, power by SL, Green</b>
State Location
-- <b>**125 Volt OUTLETS**</b>
-- 125 VAC Outlet, No 1: 15A, Hospital Grade, IVORY
All 125 VAC outlets shall be back lighted when power is applied to the outlet.
-- <b>LOCATION: Action Area, standard location</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
--
-- 125 VAC Outlet, No 2: 15A, Hospital Grade, IVORY
-- <b>LOCATION: Curbside, see Drawing</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
--
-- <b>125 VAC Outlet, No 3: 15A, Hospital Grade, IVORY</b>
-- <b>LOCATION: Curbside, see Drawing</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
--
-- <b>125 VAC Outlet, No 4: 15A, Hospital Grade, IVORY</b>
-- <b>LOCATION: RF ALS, (See Drawing)</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
--
-- <b>125 VAC Outlet, No 5: 15A, Hospital Grade, IVORY</b>
-- <b>LOCATION: Passenger Side of Cab Console</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
--
-- <b>**INTERIOR 12 Volt OUTLETS**</b>
-- 12V Outlet, No 1: Power Point Double Outlet- Wire thru Med Isolator
-- <b>LOCATION: Action Area, standard location</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
-- <b>Power Source: Medical Isolator , Batt Sw Hot</b>
--
-- <b>12 V Outlet, No 3: Power Point - Single -Wire thru Med Isolator</b>
-- <b>LOCATION: On Top of Console on Passenger Side</b>
-- <b>Outlet mounting ORIENTATION: Vertical</b>
-- <b>Power Source: The SAME as outlet No 1</b>

DESCRIPTION
--
-- 12 V Outlets, Double Receptacle (SOCK-04C), IATS
-- Power Source: Medical Isolator , Batt Sw Hot
-- LOCATION: RF ALS, (See Drawing)
--
<b>Siren: Star Warning Systems (SVP), SS-741-MG, Mag, ILOS F</b>
SIRE-12
-- <b>Siren Speakers:CPI: SA4327 with Chrome AEV laser cut cover, flush F series</b>
-- <b>Siren / OEM Horn Switch: In Cab Console</b>
-- <b>microphone clip not installed Tie to Siren Microphone cord.</b>
<b>Air Horn System: BUELL - F1</b>
-- <b>Air Horns ACTIVATION: Single Foot Switch / Solenoid Valve N</b>
Foot switch located on drivers side.
-- <b>Air Horns ACTIVATION: Switch in Console</b>
White switch located on the right side of cab console for passenger
-- <b>Air Tank Mounted to Frame Rail</b>
-- <b>Ignition Hot - Only work in gear</b>
-- <b>Compressor: Buell #6540, 20% Oil less Intermittent Duty</b>
-- <b>Compressor Location: M2 Compartment</b>
-- <b>Air Horn Location: Under Cab by Frame passenger side 2017+ Ford F series</b>
-- <b>Left Air Horn: 10" Buel Strombos Horn, Chrome, No 1061 (493 Hz)</b>
-- <b>Right Air Horn: 12" Strombos Horn, Chrome, No 1062 (396 Hz)</b>
-- <b>Air horn mounted system Standard chrome finish</b>
<b>Siren, Whelen Howler, IATS, w/Bracket - F4/550 2017+ -pair</b>
> Not available for F-350 4x2 due to ground clearance issues
Must mount off center, not in the center air flow area.
Two siren under chassis speakers installed with brackets.
-- <b>Howler, Mounting Bracket: F3/4/550 - HWLRB22 - 2017</b>
CABINET SHOP - Modular
--
ALL DIMENSIONS ON ORDER WILL HAVE A VARIABLE OF + OR - 1/4"
Unless specified as a minimum dimension.
--
<b>Cabinet Configuration</b>
<b>Mica Colors: Gloss Gray D355-01 over Stainless Steel</b>
Parting Line: C/S: Top of squad bench including rear filler.
S/S: To CPR side seat.
Stainless Steel on above areas only. No other cabinet gets stainless, unless specified otherwise below.
<b> -- Stainless Steel - FACE of Squad Bench</b>
<b>End of squad bench shall be MICA.</b>

<b>DESCRIPTION</b>
-- <b>Stainless Steel - Lower Face of Wall Cabinet - Included</b>
--
<b>Polycarbonate Type/Color: Lexan - Gray Secure Latch</b>
-- <b>Window Handles: Full Length Extruded</b>
-- <b>Att. Seat EVSComfort 1880P4B 10 deg Child Safety Seat ,Blue Ridge Per4max Yellow</b>
Seamless, Blue Ridge
Comfort series foam,
Per4max Yellow 4-pt Belt
-- <b>BASE: Swivel base for EVS Child Seat Option Handle on RIGHT std</b>
(2) Position Swivel, Forward or Rearward, Only
-- <b>Attendant Seat, Armrest: None</b>
<b>AC CABINET: Evaporator, Std Location Behind Att Seat</b>
--
<b>LF Cabinet, Behind Att Seat: Cabinet "H"/(Elec Cab)</b>
-- <b>Plastic Vent: (2) Total, 1 column x 8 row, Vent 01</b>
-- <b>Door, Single Solid Flush Fitted Electrical Area</b>
-- <b>TRIM: U-shaped Door, J-trim opening</b>
-- <b>Hinge Orientation: RIGHT</b>
-- <b>Hinge: 1 1/2" Stainless Steel Piano Hinge</b>
-- <b>Lever Latch: Non-locking - Black Finish Non Storage areas, no rating applied</b>
--
--
<b>CURBSIDE UPPER: NONE</b>
--
<b>CURBSIDE REAR STORAGE CABINET: NONE</b>
--
<b>RF ALS Cabinet: Std T-1</b>
-- <b>Check the specified Walk through Door type (Station 5)</b>
-- <b>Cabinet I-1: Danhard</b>
--
-- <b>Cabinet I-2 and I-3 Combined</b>
-- <b>Plastic Vent No 1: 8 louvers, 1 column x 8 row, Vent-01</b>
<b>Install on side of ALS to help with closing M7 compartment door</b>
-- <b>Door, Roll up, ROM, Full Height ALS Compliant ILOS -80 lbs</b>
Satin aluminum finish
Lower Key lock
Lower bar latch installed
>> Cabinet design engineering to complete measurement sheet and submit to BOM team for ordering <<
-- <b>Stowage rating label - Robinson ROM Roll up Door 80 pounds entire area</b>

**DESCRIPTION**

/-- *Outside Access: Thru M-7 (RF) Compartment door.*

/-- *Interior MICA Color: White cabinet liner*

/-- *Shelf Track: Small alum Unistrut type*

/-- *(2) Shelves: Adjustable mica over substrate with Alum Trim*

Install a lip on the side of the shelf that faces the patient compartment.

/--

/-- **Cabinet I-3: DELETE, Combine with I2 Cabinet**

/--

/--

Right Rear Cabinet: Cover over M-5compartment

/--

**SQUAD BENCH: Custom**

/-- See Upholstery Section for Post and Wheel Cup info

/-- **Custom Cabinet/Cabinets: At Head of Squad Bench Area**

/-- *Drawer: Mica-wood body, Mica inside and out*

/-- *Drawer Front: Flush Fitted*

/-- *TRIM: U-shaped Door, J-trim opening*

/-- *Lever Latch: Locking - Black Finish*

/-- *Stowage rating label - Black Lever latch 8 pounds applied each*

/-- *Drawer Slides: Full Extension, Detachable 130 LB capacity STD 18" long*

Slides installed Vertical at Sides ONLY. 18" Long

/-- **Bio-waste/Sharps No 1: (1) Tilt-out Door (Squad Bench)**

/-- *Lever Latch: Non-locking - Black Finish -8 lb rated*

/-- *Stowage rating label - Black Lever latch 8 pounds applied each*

/-- **LOCATION: Bottom section of Cabinet**

/-- **SHARPS/Bio Waste CONT. 5-Quart Kendall # 85131 RED(CONT-03)**

/-- Storage Under Lid - Configure to M-6 Compartment Size

/-- **Curbside seating options**

/-- *Side Seating: EVS 48" Side Slide System*

REV parts;

BASE-188TRS

TRAC-EVS48

There must be a minimum of 48" of available width in the location this is being installed so there will be sufficient clearance.

/-- **S/B Chair EVS 1790 FOLD Down Seat**

Declare color;

Declare belting system

/-- *Captain Seating EVS 1790 With Per4Max seat belts*

/-- *Squad Bench Seating: EVS 1790 Convertible Blue Ridge VAC with YLW*

**Per4max**

Mickey Body Note : Wheel housings cannot exceed 6" in height, from top of floor structure to the top of the housing

DESCRIPTION
<i>/-- Restraint Net, at head of S/B, NONE</i>
<i>/--</i>
<i>/-- Cabinet A1-A2-A3 Evenly Spaced</i>
<i>/-- Shelf Track: Small alum Unistrut type</i>
<i>/-- (6) Shelves: Adjustable with Alum Trim</i>
<b>One in each cabinet on each side of divider</b>
<i>/-- Doors; Cabinet Secure Latch Restocking Sliding Window Top hinged-30 pound</i>
<i>/-- Stowage rating label Secure Latch Restocking Sliding Window 30 pounds applied</i>
<i>/--</i>
<i>/-- Cabinet A -4</i>
<b>Fixed divider</b>
<i>/-- Lock, Compx-E, Model 300 &gt; Guilford Co, Custom</i>
<b>Model 300 COMPX-</b>
Specific for Guilford county for programming of custom features.
Keypad, with HID proximity sensor, Ethernet,. 1 class erader keyed specific for Guilford.
Uses AA size batteries, has a 9v battery jump point for low battery opening.
software sold seperately, Please check if Agency/ customer needs software.
<i>/-- COMPX software not required.</i>
<i>/--</i>
<b>WALL CABINET: 148 NO CPR seat</b>
<i>/-- Action Area: Standard</i>
<i>/-- A/A Tray: Stainless Steel, with 3" Back splash</i>
<b>LIPS:</b>
On all three sides and have a rear back splash.
<i>/-- A/A Backwall, Forward, Counter, Stainless Steel Finish all.</i>
From front edge and side toward CPR side seat of tray with "J" trim no screws. Install other edges without black edge trim, attach directly to wall. Caulk as needed. Not to be removable. Use 3/4 radius front and 1" lip all four sides.
<i>/-- Bio-waste/Sharps; face of wall cabinet push In door, self-closing ILOS</i>
This Option is located as part of the action area tray upgrade option.
The area will be boxed off with aluminum in the exterior compartment, requires choice of 02-B1-BIOD Bio waste close-off with door.
<i>/-- WASTE CONTAINER: Rubbermaid, Model No 2952, 8 quart, CANO-03</i>
<i>/-- Action Area Board:</i>
<b>Leave room in action area panel for customer installed radio head</b>
<i>/--</i>
<i>/-- Cabinet C1-C2-C3</i>

**DESCRIPTION**

!-- **Doors; Cabinet Secure Latch Restocking Sliding Window Top hinged**  
 |-- **Stowage rating label Secure Latch Restocking Sliding Window 30 pounds applied**

!-- **No Inside Access to Exterior Compartment**  
 |-- **Shelf Track: Small alum Unistrut type**  
-- (3) **Shelves: Adjustable, Mica over substrate (IATS)**

**!-- Cabinet D1-D2-D3**

**With Fixed divider**

!-- **Doors; Cabinet D Secure Latch Restocking Sliding Window Top hinged**  
 |-- **Stowage rating label Secure Latch Restocking Sliding Window 30 pounds applied**

!-- **Shelf Track: Small alum Unistrut type**  
-- (3) **Shelves: Adjustable, Mica over substrate (IATS)**

**!-- Cabinet E: DELETE**

!--

!-- **P4 - 4-Point PER4MAX Restraint System - with replacement indicator WO/CPR**  
 |-- (0) **above on Squad Bench, (0) above on CPR Side Seat 6pt systems (credit for sp**

No P-6 Restraints Optioned on this unit.

requires signed waiver from customer, or special seating options to be in use and selected.

!-- **S/B: (3) Sec patient restraints - 9" Sleeves Face of Bench**

**Mount low on wall not up high**

!-- **S/B: (3) Sec patient restraints - Retractors By Hinge**

!-- **Per4Max Four-Point Seatbelts: Accept and Install Full Feature**

!--

!--

**CABINET SET - CELL 4 - MOD**

Sub Floor, 3/4" Plywood, Standard

**Flooring: Lonplate II - #421 Mica (Light Gray)**

!-- **Flooring Main Edge: 3" Recessed (1/2" deep) roll-up**

!-- **Rear Threshold, Stainless, 6" Wide x Full Width at rear doors**

Install safety yellow with diagonal stripes nonskid tape over threshold.

!-- **C/S Stepwell Threshold, Polished Diamond Plate**

!--

!--

**COT MOUNT HARDWARE: (Short Size Mod)**

!-- **Cot Mount: Performance Load with 12v power Prep ONLY >>NON COMPLIANT <<**

This will have everything need for Customer/Dealer to install the Stryker Performance load Option 6392-000-004 or 6392-000-003 at a later date.

Constant hot and ground service power provided.

Prep will include, installation of Floor Plate Kit

DESCRIPTION
THIS DOES NOT INCLUDE ANY COT MOUNT
>>>> EXCEPTION TO 3.11.6 >> THIS is an incomplete installation, an exception is required, NON COMPLIANT installation.
<ul style="list-style-type: none"> <li>!-- Non-Compliant to SAE J3027, J3102 3.11.6 Patient Cot Mount Notice</li> <li>!-- Non-Compliant to SAE J3027, AMD 004 CAAS GV 1.0 C.11.6</li> <li>!-- Add' Mass Casualty Cot Mount: Stryker, Floor Mount Position for Performance load</li> </ul>
Provides for Antler attachment to center rail in manual function Locking rail and floor plates.
<ul style="list-style-type: none"> <li>!-- Stryker Antler 6370-230-038</li> </ul>
Stryker antlers to complete the Mass Casualty kit and Stryker Floor prep kit.
<ul style="list-style-type: none"> <li>!-- Stryker - in rail mounting cam MOUN-CLEAT</li> <li>!--</li> <li>!-- Power connection left coiled under module for Power load</li> <li>!-- 12v power feed location CENTER for Stryker performance load w inductive charging</li> </ul>
12volt power for power load to be brought through floor at center of the template for a Stryker Performance load with inductive charging. with Heat shrink connectors installed
<ul style="list-style-type: none"> <li>!-- Cot Position No 1: PRIMARY SIDE POSITION ONLY</li> </ul>
Maintain 12" between Cot and S/B.
<ul style="list-style-type: none"> <li>!-- Primary Cot position under floor reinforcement</li> </ul>
Install 8 inch wide by 5 long 1/2" aluminum reinforcement at primary cot position. (Primary cot position only - REV Std)
**If custom location is desired, must be specified below.
<ul style="list-style-type: none"> <li>!-- Cot mount set up for: Stryker Power-Pro 6506</li> <li>!-- Cot mount set up for: Stryker Power-Pro 6506</li> <li>!--</li> <li>!-- Q Strain System: NONE</li> </ul>
OXYGEN / AIR / VACUUM System:
<ul style="list-style-type: none"> <li>!-- Oxygen Outlet No 1: Amico Console - Ohmeda/Ohio Diamond Style</li> <li>!-- LOCATION: Action Area</li> <li>!-- Oxygen Outlet No 2: Amico Console - Ohmeda/Ohio Diamond Style</li> <li>!-- LOCATION: Action Area</li> <li>!-- O2 Outlet No 3 Amico Ohmeda Diamond</li> <li>!-- LOCATION: Curbside Wall, over the head of the S/B</li> <li>!-- Port Cyl Rack No 1: Zico QR-D-2 - D or Jumbo D - No Strap Req</li> </ul>
Through bolt the rack to metal.
<ul style="list-style-type: none"> <li>!-- Location: Elongated Stepwell</li> <li>!--</li> <li>!-- Port Cyl Rack No 2: Zico QR-D-2 - D or Jumbo D - No Strap Req</li> </ul>
Through bolt the rack to metal.

**DESCRIPTION*****!-- Location: M1 Compartment on wall #1*****!--*****!-- Rack No 1: Adjustable AEV O2 Rack Green with 4 Ratchet Straps M/H***  
Fits cylinders 7" diameter or more.***!-- Cylinder Type: OXYGEN - Green Colored Hose***

Regulator connection Nut: 9/16" RH thread.

**!-- Rack Location: Left Front, wall #2 near wall #3****!-- Set up For M cylinder****!-- Regulator, Oxygen, Fixed output @ 50 psi +/-5 , CGA 540, Installed STD**  
Installed on O2 line for pressure test, Tagged with Inspector signature/Date**!-- Regulator Wrench: Cast aluminum, OXYGEN w/ cable lanyard****!--*****!-- Vacuum (Suction) System, Rico RS-4X, ILOS (Includes Outlet)Non-Compliant J3043******!-- Vacuum (Suction) Outlet, Amico Ohio Style, Included w/Rico******!-- Adapter, Vacuum Outlet : w/ Suction system***

SHIP LOOSE ADAP-03 suction plug adapter with barbed fitting

&gt;&gt; requires an updated note in the SHIP LOOSE SECTION &lt;&lt;

***!-- Vacuum Pump: 49 State******!-- Location: M-2 Compartment*****TRIM / DOOR ASSEMBLY - CELL 5****!-- Interior window and aluminum trim with standard satin finish- std*****!-- Fire Extinguisher, 5 pound, Kidde ABC Installed, ILOS***

Part No: EXTI-01

Must be mounted Vertical to meet SAE Safety testing.

Can not lay down in the vehicle.

***!-- Fire Extinguisher installed in chassis cab at delivery******!-- Fire Extinguisher mounting bracket - Use std fork with band included Installed***

Compliant mount when mounted vertically ONLY. do not lay down this bracket.

***!-- Fire Extinguisher, 5 pound, Installed, IATS******!-- Fire Extinguisher installed in patient area, at delivery******!-- Fire Extinguisher mounting bracket - Use std fork with band included Installed***

Compliant mount when mounted vertically ONLY. do not lay down this bracket.

\*\*\*\*\*DOOR DEPARTMENT - Full Mod\*\*\*\*\*

***!-- Handles, Ext: Tri-mark 030-1875, Free Float, Polished CNNC finish***  
M2.5 compartment (TUMB-850) keyed different

**DESCRIPTION**

*|-- Tri-mark 850-FFH Handle Keyed Different: TUMB-850 ILOS  
M2.5 compartment (TUMB-850) keyed different*

*|-- Interior Release: All Entry Doors, with bezel Emergency Access  
|-- Rear Entry Assist Handle not required*

*|--*

**Entry Door Panels, Windows and Hardware**

*|-- Interior Grab Handle Color: Gray Antimicrobial*

*|-- Grab Handle, CS Entry: 1 1/4" Dia..... S/S, 2-pt 18"L, Gray Antimicrobial*

*|-- Grab Handles, Rear Access: (2) 12"L X 1 1/4" Dia..... S/S, 2-pt, Gray Antimicrob*

*|-- Grab Rail, (1), 18" IATS, Gray Antimicrobial*

**Located :**

*|-- Grab Rail, C/S wall, curve out over C/S Entry, Gray Antimicrobial*

*|-- Door Panels: Mica Upper / Upholstery / Stainless Steel Lower*

The mica and stainless are laminated to smooth aluminum.

*|-- Curbside Lower Door Panel: Stainless*

*|-- UPPER Windows: RA Doors, Fixed Tinted Glass 17.3"W x 19.3"H*

**WIND-H0161**

*|-- UPPER Window: CS Access, Fixed Glass, std tint*

**Talk Through Window: Open No Window**

*|-- Dri-Dek Compt Floors and shelves, Black*

*|-- Defib Bracket System Intraxx Surface mount Swivel / Lifepack 15 short rail*

Aluminum plate installed under countertop, Intraxx rail installed on top of countertop and secured through by drilling and tapping with special countersunk machine bolts. Install Black end caps that come with this system. Ferno Surface mount Intraxx defib bracket slides into Intraxx and secures into the Intraxx rail. Swivels in position. This bracket and system are tested and comply to J3043 SAE Testing standards by Ferno.

*|-- Monitor Mounting: Bolted in place*

**Location: Cabinet at Head of Bench**

*|--*

*|--*

**ELECTRICAL Point to Point - CELL 6**

*|-- Carbon monoxide (CO) Monitor, Installed, CMD5-DM, 12 VDC*

This detector contains (EOL) end of life timer, which will activate 4 years 11 months from date of manufacture, unit will signal to be replaced at final customer cost. See instructions.

*|-- Location: Curbside Wall Near CSE Door*

**Action Area Light: 12V, LED, Surface Mount**

*|-- Light Location: Action Area*

**UPHOLSTERY - CELL 7**

DESCRIPTION
<b>Upholstery Color: Blue (Blue Ridge)</b>
-- <b>Center Trough Upholstery Color: White</b>
--
Uph Joint Type: Vacuum Formed - Seamless
Squad Bench seat cushion cut-outs: None
-- Post And Wheel Cups: NONE
Head Protection: Pad over CS Entry Door
Head Protection: 2" Pad over Rear Access Doors, Full Width
-- <b>Clock: Intellitec Digital / Sweep Emergency Time Manager</b>
-- <b>Location: Over Rear Doors</b>
--
<b>PAINT - STRIPES - DECALS</b>
-- Undercoating : Per QVM Guidelines, STD
Reflective Tape: White Reflective On Painted edges of Exterior Door Frame
Primary (Over All) Color: White (YZ)
-- Flip Step Reflective/Prismatic Tape: Red/White/R/W/R/W/R
-- Tape Stripe: NONE (KKK-F Deviation)
-- Non-Compliant to KKK-F 3.16.2 ;Exterior Safety stripe to be Orange
-- <b>Paint BELT CUSTOM: From Cab Windows Down</b>
Yellow 429A44
<b>Entire hood painted yellow - Paint on rear cab must be same height as the front of body where they meet. Blue to go across edge of compartment and entry doors to the gaskets.</b>
<b>Buff top of unit</b>
-- <b>Belt **NOT** Across Hood</b>
--
<b> -- Paint Belt at Corner Posts - No Break</b>
This paint process will not be warranted against paint cracking at the seam between the corner post and body skin. To get the paint warranty, you must choose option 12-PT-6000 instead of this option.
-- Pin Stripe: NONE
<b> -- Paint Inside of M2.5 White</b>
-- Roof Paint: Color and finish quality to be GLOSSY
--
Special Striping: Chevron Items: NONE
Lettering: NONE
--
Drip Rails: Bright Aluminum, De-burred and rounded corners
Include a drip rail over the C/S Entry Door.
<b>DETAIL - SHIP LOOSE ITEMS</b>
-- Drip Rails: Detail-Refer to Paint Section for Drip Rail Information
Include a drip rail over the C/S Entry Door.

DESCRIPTION
-- *Check front of W/O under chassis section for Add' items*
--
-- Owner's Manual USB Flash Drive ship loose
-- Printed Owner's Manual Not Required
-- <b><i>IATS Regulator, Oxygen, Fixed output @ 50 psi,CGA 540 Ship Loose</i></b>
-- <b><i>Safety Triangle Warning Kit: Shipped Loose</i></b>
-- <b><i>Flow Meter, Oxygen, Chemtron, Thorpe Tube 0-15 LPM style hip loose ILOS</i></b>
Swivel style, Thorpe Tube reading with Chemtron adapter base.
 Glove Holder, Ship Loose: NONE
--
Decals: KKK / DOT Pkg, Blue/White reflective - Ship Loose
-- Decals: 32" Star of Life - Ship Loose
--
Decals: NO SMOKING & SEATBELT, installed, cab & pt. area.
--
AEV Logos: Installed on unit per AEV standard locations
<b><i>Fire Extinguisher : Ship Loose : NONE</i></b>
Reflector Pkg: Body - 2ea, Side Fr Amber, Side Rear Red, Rear Red
--
Post And Wheel Cups: NONE
Spare Tire: Refer To Chassis Section to See if it gets one.
Primary Cot: NONE included
--
Secondary Stretcher: NONE included
--
Indemnification Statement
The purchaser agrees to defend, indemnify and hold REV harmless from any claims, costs (including actual attorneys' fees), damages and liabilities caused in whole or in part by any alteration or modification of, or changes or additions to the Purchased Products OR use of product for purposes it was not designed or intended for.
 == 148 x 95 T-1 Ford Base Price - 20.001 06/28/21 ==
GENERAL CONVERSION
**148*** F-450 4 x 4 Supercab Gasoline Conv PKG - 24-1 08/10/23
WORK ORDER STATUS:
-- <b><i>For Confirmation</i></b>
-- CHANGE ORDER POLICY
-- <b><i>After Confirmation, Prior to Engineering</i></b>
Change Fee is \$50 Per Item, Plus Option Cost
-- After Confirmation, After Engineering Start
Change Fee is \$100 Per Item, Plus 150% Option Cost
>
Special order or non-stocking parts that are purchased for any ordered option that is subsequently deleted will be charged for and shipped loose.

**DESCRIPTION*****-- After Confirmation, After Production Start***

Change Fee is \$100 Per Item, Plus 200% Option Cost

Additional labor charges above option costs may apply depending upon level of installation of affected part.

Special order or non-stocking parts that are purchased for any ordered option that is subsequently deleted will be charged for and shipped loose.

>>

Changes after production starts are the most disruptive.

--

-- \*\*\*END OF ORDER\*\*\*



