

ADRIAN STEEL OF IDAHO

# EXTEND O BED

## Installation Guide

LOOKS TOUGH  
WORKS TOUGHER

Revision New

Release Date 08/12/2024

Congratulations on the purchase of an Extendobed cargo handling system. Your Extendobed has been designed and built with the highest quality materials and workmanship to provide years of trouble-free operation. Thank you for the confidence you have placed in our company with your choice of product.



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Extendobed

4242 South Eagleson Road

Boise, Idaho 83705

800.752.0706

WebSales@Extendobed.com

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# Terminology

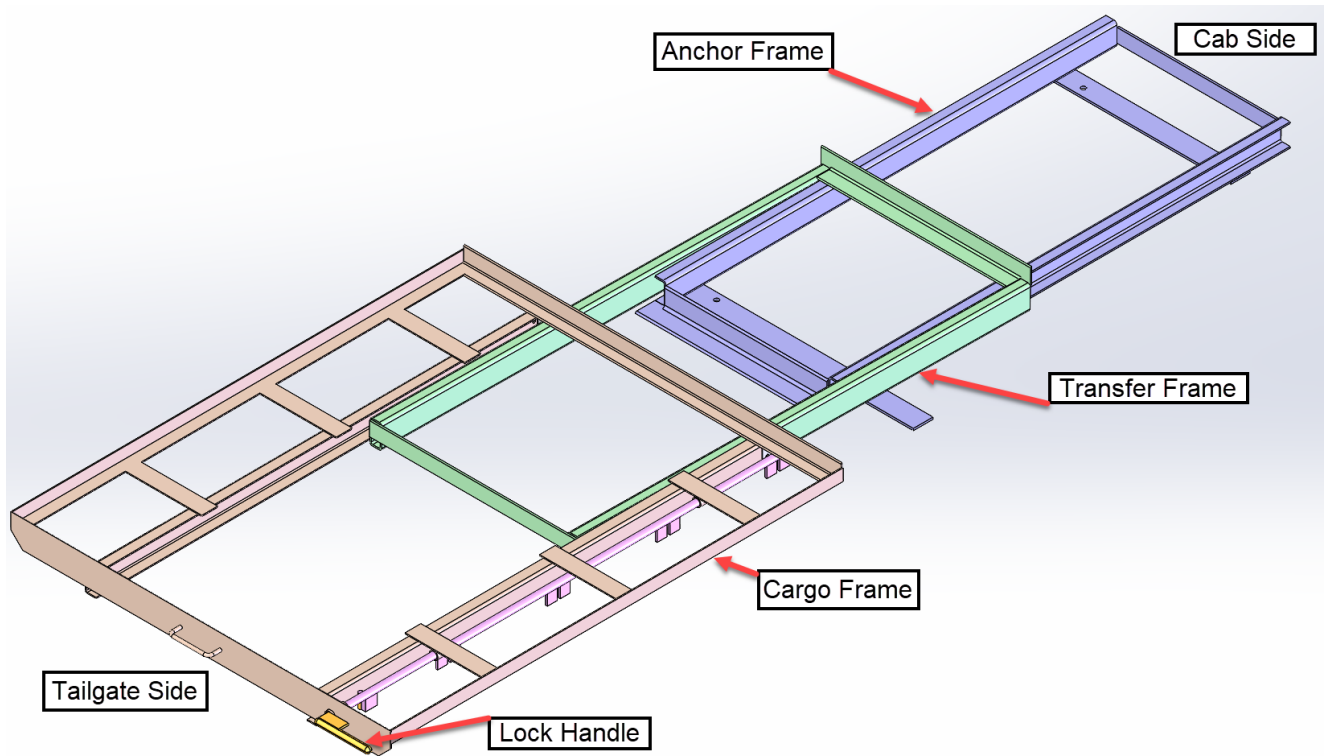


Figure 1-Extendobed Terminology.

- EBL-Extendobed Light (1,000-1,200 lbs. rated unit).
- EB- Extendobed (1,500-3,000 lbs. rated unit).
- Anchor Frame- The bottom frame that mounts to the vehicle.
- Cargo Frame- The frame that contains the actual load carrying surface of the Extendobed system.
- Transfer Frame- The frame that facilitates movement between the cargo and transfer frames.
- Cab Side- Side or face of the unit that sits closest to the front of the vehicle.
- Tailgate Side- Side or face of the unit that sits closest to the rear of the vehicle.

# Upon Delivery

Upon delivery, please check the items for any damage that may have occurred during shipping. If there is any visible damage, or if damage is suspected, you may refuse the shipment and have it sent back to Extendobed for repairs. If you accept the shipment, you must have the driver notate “DAMAGED” on receipt, and make sure to document the damage. Once you accept the shipment, it is now yours, and you will need to use your documentation to file a claim with the shipper.



*Figure 2-Example of Damage, Bent Corner*

When unpacking your Extendobed, closely check that all parts are included. Items such as the energy chain, drawer keys, and mounting hardware should be attached to the deck near the locking handle or in a drawer (if equipped) closest to the locking handle. All mounting hardware will vary based upon the year, make and model of your vehicle, and will be bolted to bottom of the shipping pallet. Refer to your vehicle for any specific mounting brackets and hardware.

## Zinc Rich Primer

It is recommended that a zinc rich primer is used on any sheet metal that has been drilled for bolt holes. The primer should be applied to the exposed sheet metal around the drilled hole.

# EBL Units

## Trucks

### Included Hardware:

- (2) Anchor plates
- (2) Pleat spacers
- (2) ½”-13 x2” Grade 8 bolts
- (4) ½” Split lock washers
- (4) ½” Flat washers
- (4) ½” Nuts
- (1) Tailgate side shim and hardware (see Figure 3 for details)

Vehicle(s)	Number of Shims	Bolts
F-150/250/350 and RAM 1500	(1) Tailgate shim	(2) ½”-13 x2” Grade 8 bolts
GM1500/2500/3500 and RAM 2500/3500	(2) Tailgate shim	(2) ½”-13x 2 ½” Grade 8 bolts

Figure 3- EBL Tailgate Shims.

### Installation Steps

1. Prior to installing the Extendedbed Light (EBL), remove all debris from the bed of the vehicle. Inspect under the vehicle to locate the spare tire, fuel tank, heat shield, fuel lines, and any other items that could be damaged when drilling the mounting holes in the bed.
2. **CONFIRM THE EXTENDEBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CAUSE POTENTIAL INJURY.**
3. Lift the EBL into the vehicle using a properly rated lift and center the unit laterally between the wheel wells. Position the tailgate edge of the anchor frame approximately 1” from the tailgate when it is fully closed. With the tailgate close, check that there is at least a ¼ “gap between the lock handle and the tailgate.



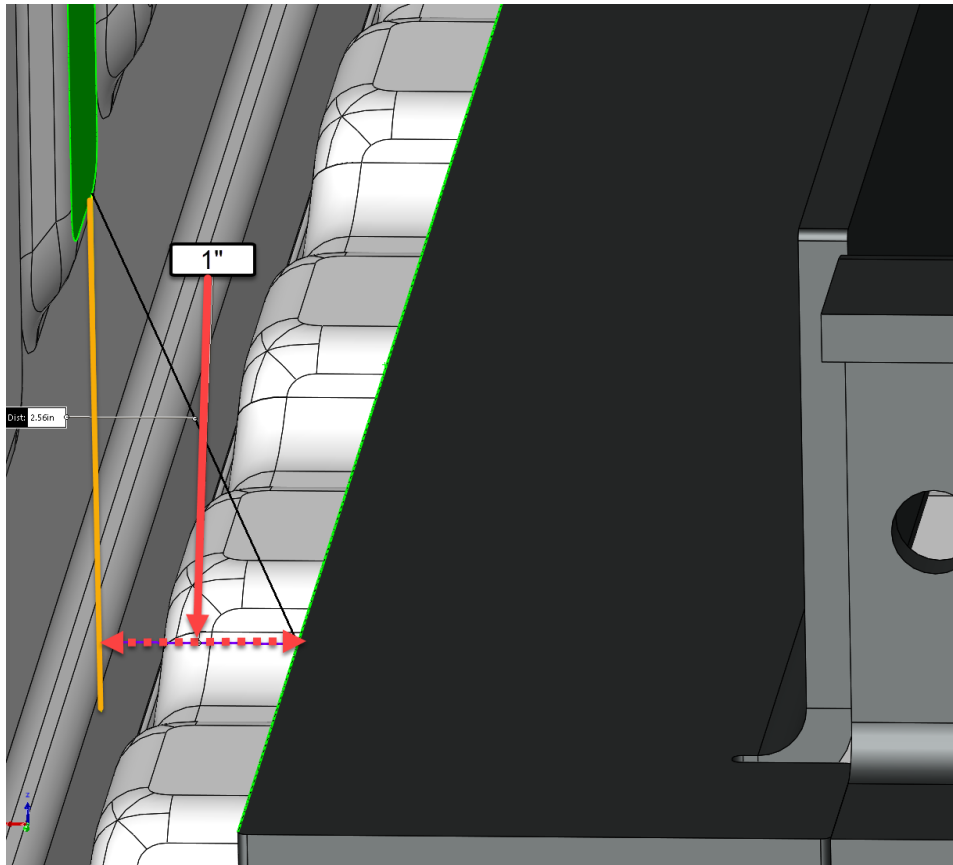


Figure 4-EBL Truck Placement.

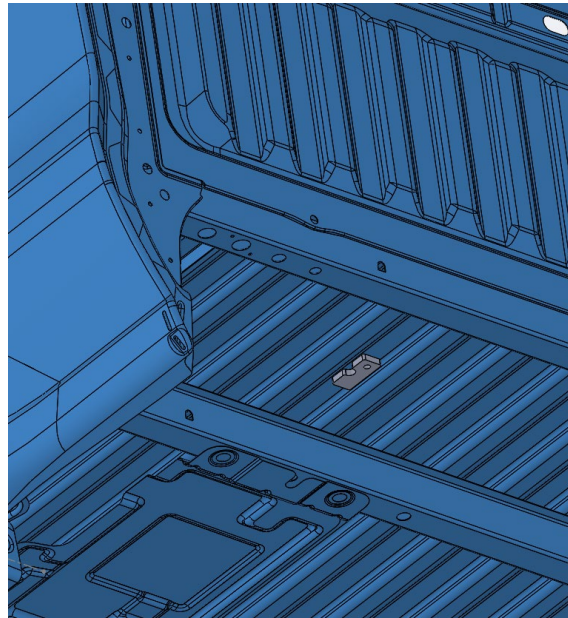


4. Carefully extend the EBL to expose the mounting holes **closest to the cab**, assuring there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½” diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

5. Using:
  - (2) Anchor plates
  - (2) Pleat spacers
  - (2) ½”-13x 2” Grade 8 bolts
  - (2) ½” Split lock washers
  - (2) ½” Flat washers
  - (2) ½” Nuts

Install the mounting bolts, washers, pleat spaces, anchor plates and nuts through the back cab side holes of the anchor frame. The pleat spacers will go above or below the truck box depending on if the holes land on a peak or valley. The HD anchor plates sit on the underside of the truck bed. **Torque the bolts to 75 ft-lbs.**



*Figure 5-Example of Pleat Spacer Install Under the Truck Box*

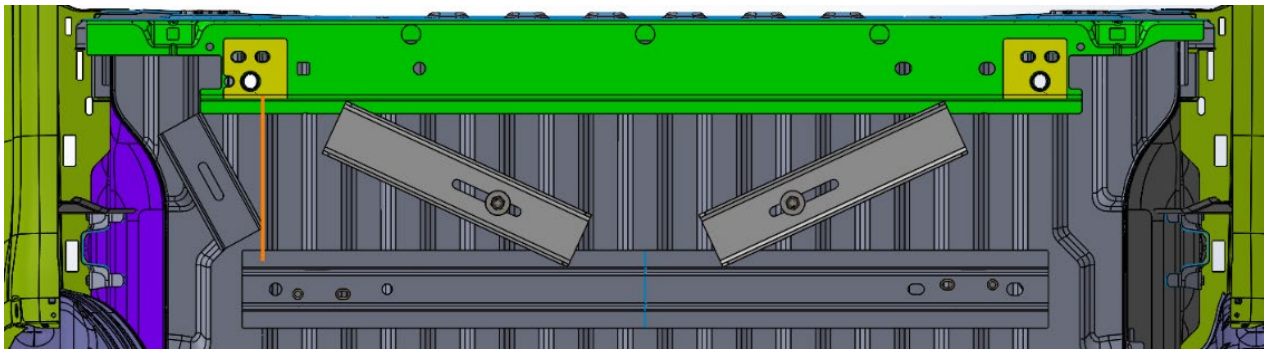
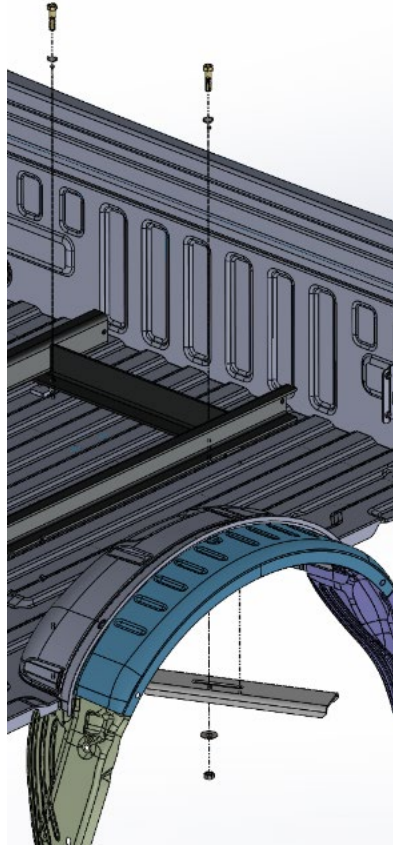


Figure 6- Truck EBL Anchor Plate Mounting.

6. After the Cab-Side bolts have been installed and torqued to spec, carefully extend the unit to expose the mounting holes closest to the tailgate. While extending the unit, ensure there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½" bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

7. Using:  
(1) Tailgate shim

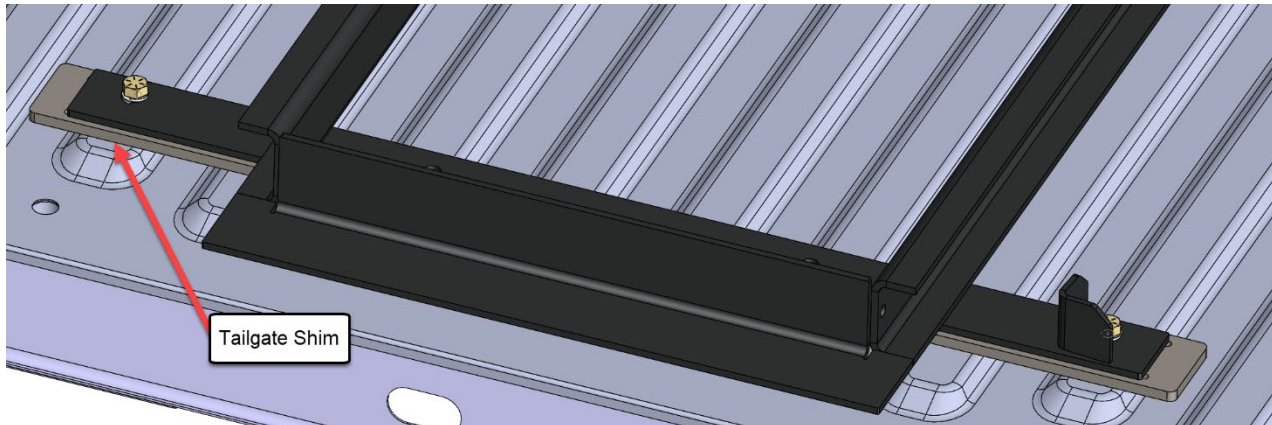
(2) ½”-13x 2” Grade 8 bolts

(2) ½” Split lock washers

(2) ½” Flat washers

(2) ½” Nuts

Place the tailgate shim under the front cross bar of the anchor frame making sure that the mounting holes line up. Install the mounting bolts, washers, and nuts through the tailgate side holes of the anchor frame. **Torque the bolts to 75 ft-lbs.**



*Figure 7-EBL Truck Tailgate Side Mounting.*

# SUV's

## GMC/Chevrolet

### *Yukon/ Tahoe/ Yukon XL/ Suburban- 3<sup>rd</sup> Row Removed*

#### **Included Components:**

- (1) Extendedobed Light (EBL) sliding platform assembly
- (2) Vehicle specific mounting brackets:
  - (1) Cab end mount bracket- This section of the mount bracket utilizes the existing 3<sup>rd</sup> row seat mounting locations and hardware.
  - (1) Tailgate end mount bracket- To install this section of the mount bracket, the installer will need to penetrate the sheet metal.

#### **Included Hardware:**

##### Tailgate End Mounting to Vehicle Sheet Metal

- (4) ½"-13x 2" Bolts (for tailgate end mounting feet)
- (4) 2" OD Oversized washers (for underneath vehicle)
- (4) ½" Split lock washers
- (4) ½" Nuts

##### Tailgate End Mounting Bracket to EBL

- (2) ½"-13x 1 ¼" Bolts
- (4) ½" Standard washers
- (2) ½" Split lock washers
- (2) ½" Nuts

##### Cab End Mounting Bracket to EBL

- (2) ½"-13x 1 ¼" Bolts
- (4) ½" Standard washers
- (2) ½" Split lock washers

(2) ½” Nuts

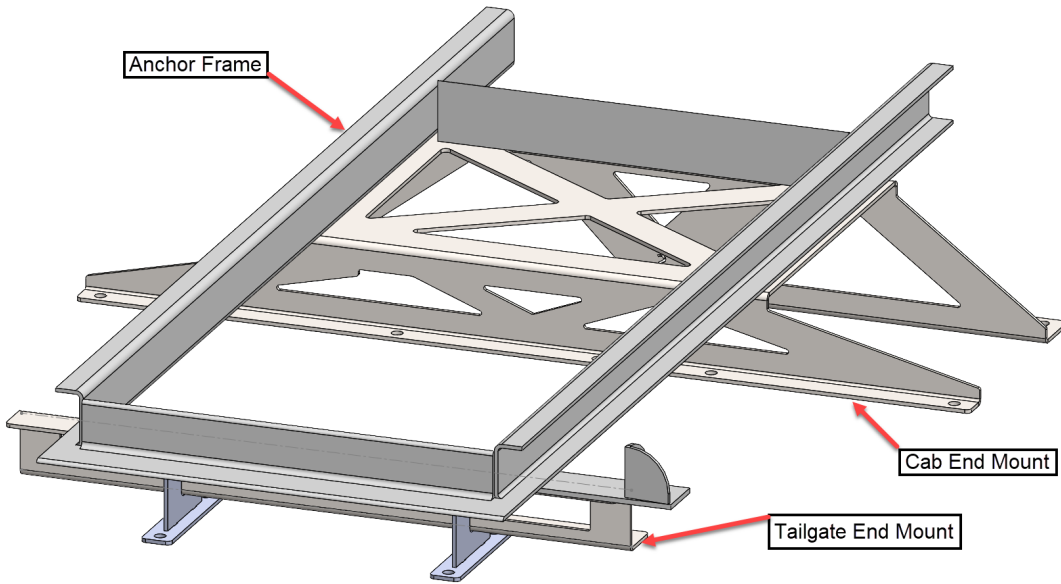


Figure 8-GM EBL Anchor Frame with Mount Brackets.

## INSTALLATION STEPS

1. Strip the rear cargo area down to the sheet metal. The Extendobed is designed to bolt directly to the vehicle's sheet metal. To ensure proper fitment and hole placement, the vehicle sheet-metal **must** be exposed in two places:
  - a. Above the spare tire.
  - b. At the 3<sup>rd</sup> row seat mounting points

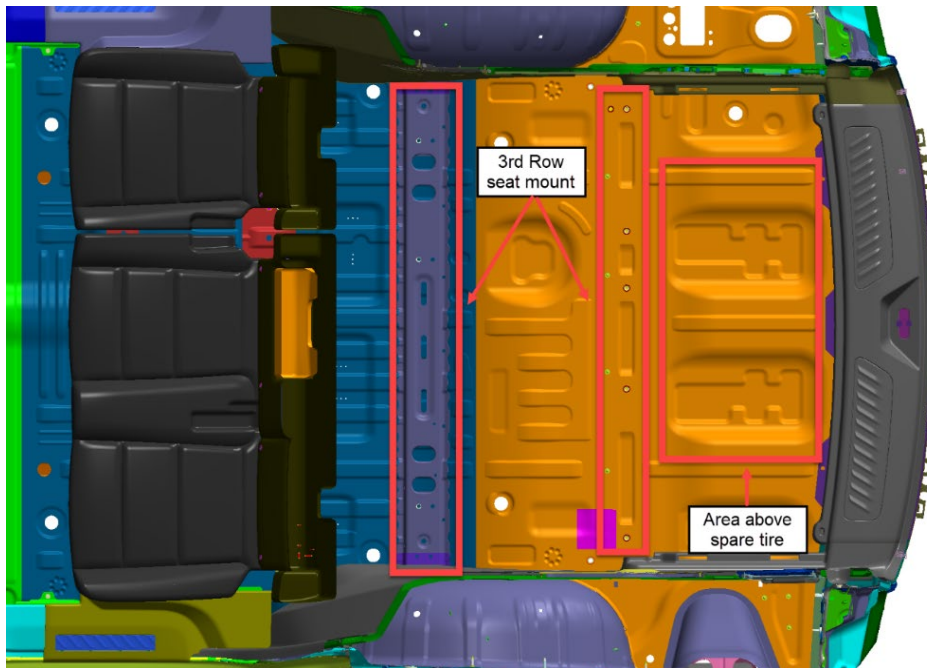
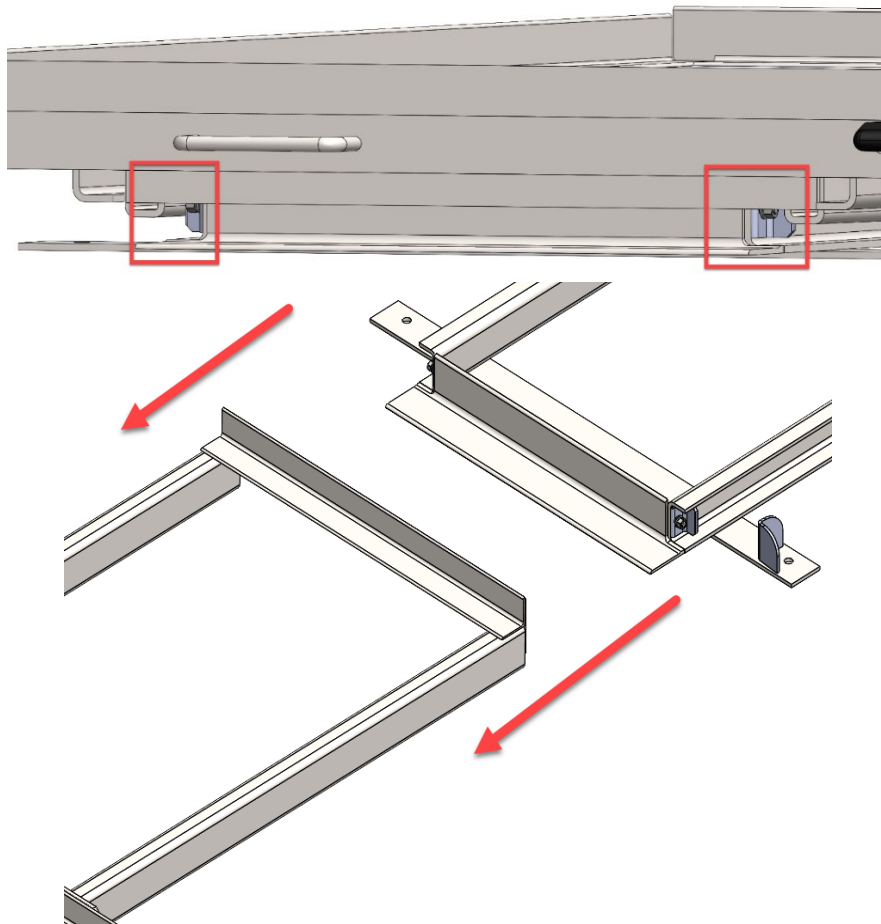


Figure 9- GM EBL Carpet Removal Zones.

**NOTE:** In the area above the spare tire the installer may need to remove gray sound insulation/panel gap finish material (gray cake frosting). The mounting Brackets **must** contact the vehicle's sheet metal.

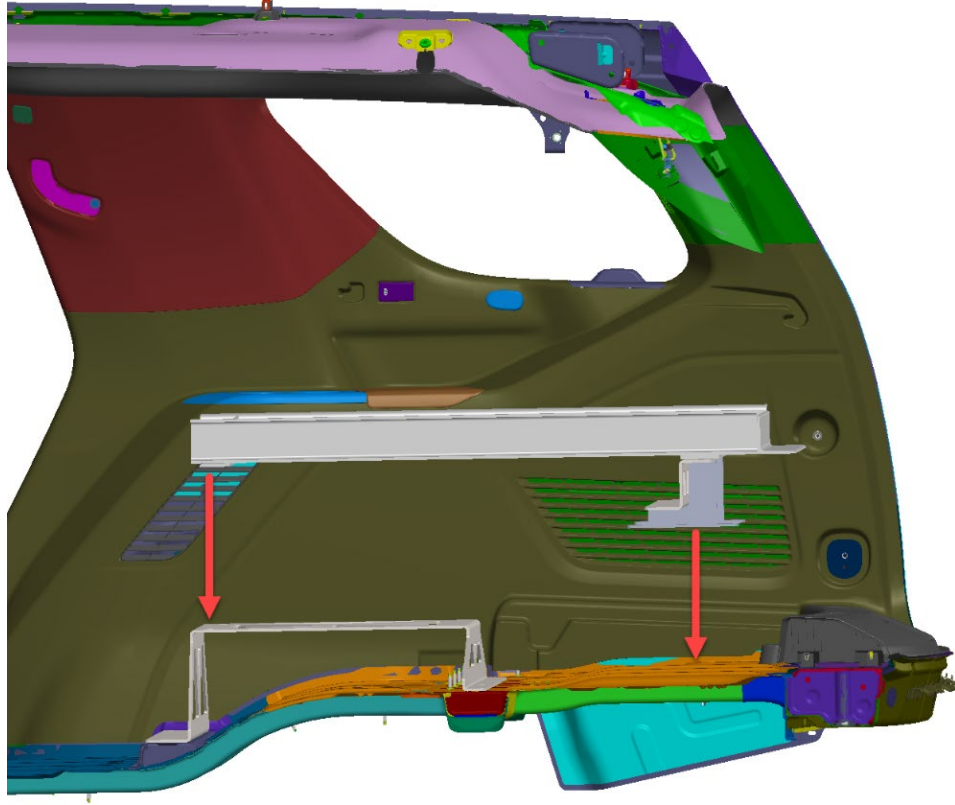
2. Install the cab end mounting bracket aligning it with the existing 3rd row seat mounting points. The slotted holes on the bracket face towards the front of the vehicle. Use the stock third row seat mount bolts to attach the bracket to the vehicle.
3. Remove the bearing stops on the anchor frame and separate the anchor frame from the other two frames on the EBL.



*Figure 10-GM EBL Transfer and Cargo Frame Removal.*

4. Attach the tailgate end bracket to the anchor frame using the **Tailgate End Mounting Bracket to EBL** hardware. **Torque the bolts to 75 ft-lbs.**
5. Bring the tailgate end bracket and anchor frame assembly into the vehicle.
6. Align the anchor frame with the cab end bracket mounting points. Using the **Cab End Mounting Bracket to EBL** hardware, attach the anchor frame to the cab end bracket. **Torque the bolts to 75 ft-lbs.**





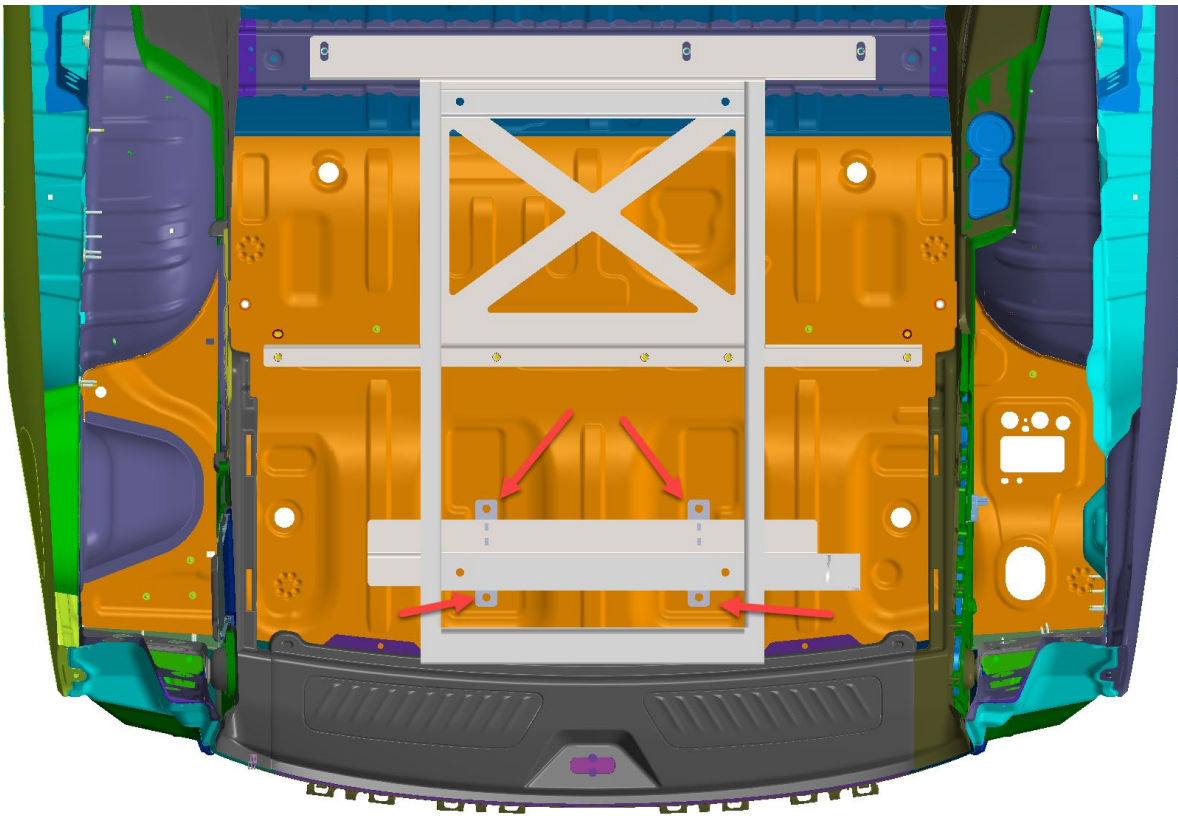
*Figure 11-GM Anchor Frame Alignment.*

7. Once the anchor frame is centered in the vehicle, use the tailgate end bracket as a reference to mark the four vehicle penetration points in the area above the spare tire.
8. Penetrate the vehicle sheet metal drilling holes for ½” diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

9. Attach the tailgate end bracket to the floor of the vehicle using the **Tailgate End Mounting to Vehicle Sheet Metal** hardware. **Torque the bolts to 75 ft-lbs.**





*Figure 12-GM Tailgate Mount Penetration Points.*

10. Reinsert the transfer and cargo frame into the anchor frame. **REATTACH THE BEARING STOPS TO THE ANCHOR FRAME.**

# Ford

## *Expedition MAX (Long Wheelbase) - 3<sup>rd</sup> Row Removed*

### **Included Components:**

- (1) Extendedobed (EBL) sliding platform assembly
- (1) Vehicle specific mounting Bracket

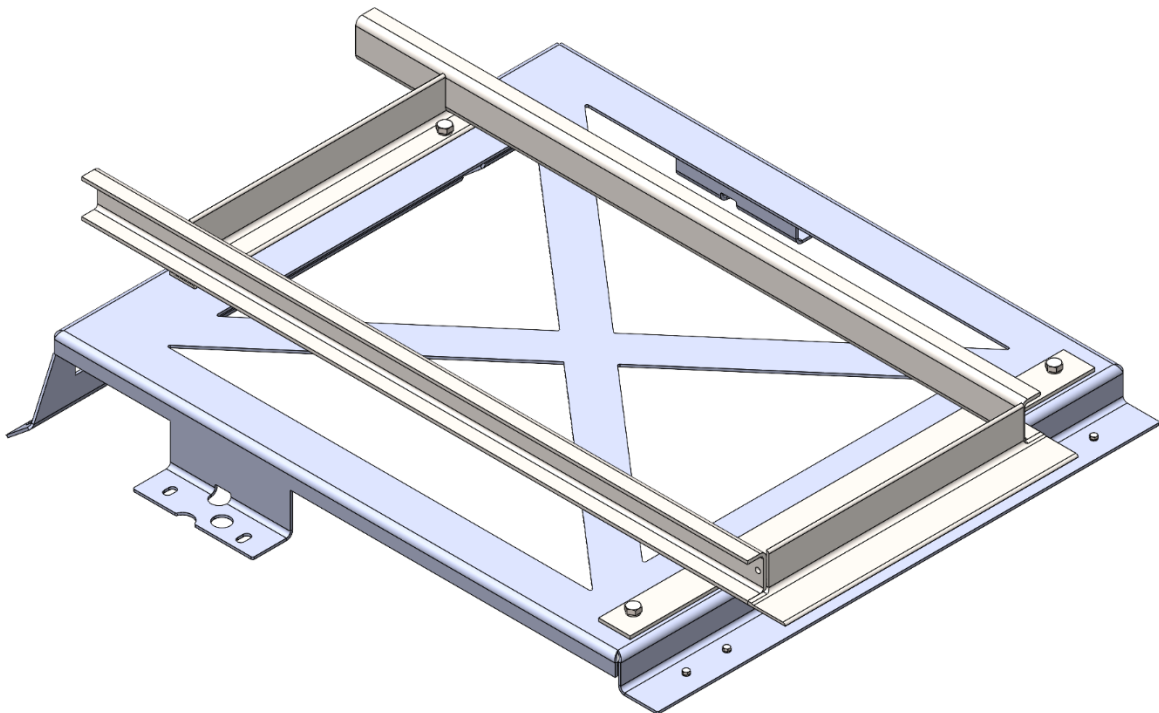
### **Included Hardware:**

#### Mounting Bracket to Vehicle Floor:

- (4) ¼”-20 PlusNut
- (4) ¼”-20x 1” Bolts
- (4) ¼” Split lock washers
- (4) ¼” Flat washers

#### EBL to Mount Bracket

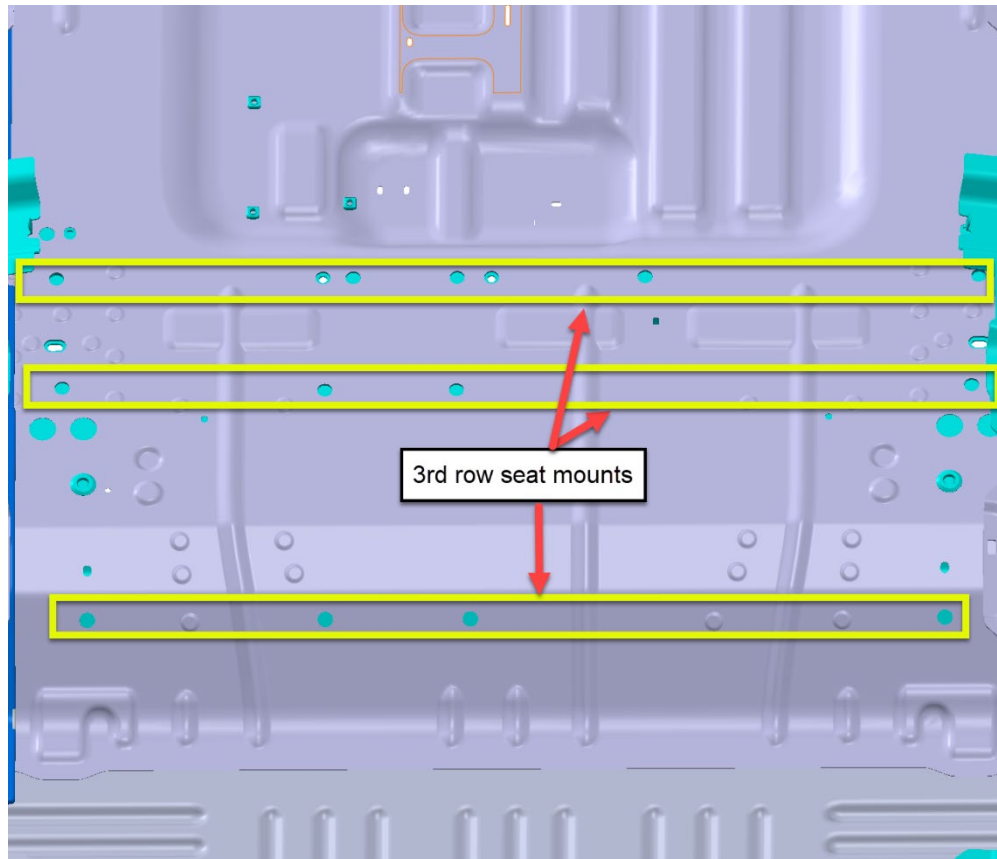
- (4) ½”-13x 1 ½” Bolts
- (4) ½” Standard washers
- (4) ½” Split lock washers
- (4) ½” Nuts



*Figure 13-Expedition MAX Anchor Frame and Mount Bracket.*

## INSTALLATION STEPS

1. Remove the false floor and rear storage compartment in the cargo area.
2. Strip the rear cargo area down to the sheet metal. The Extendobed is designed to bolt directly to the vehicle's sheet metal.
3. Install the mounting bracket, aligning it with the existing 3<sup>rd</sup> row seat mounting points. The slotted holes on the bracket face towards the front of the vehicle.



*Figure 14-Expedition LWB 3rd Row Seat Mounts.*

4. Once the mounting bracket is centered in the vehicle, use the tailgate end of the bracket as a reference for the penetration points on the vehicle floor behind the scuff plate.

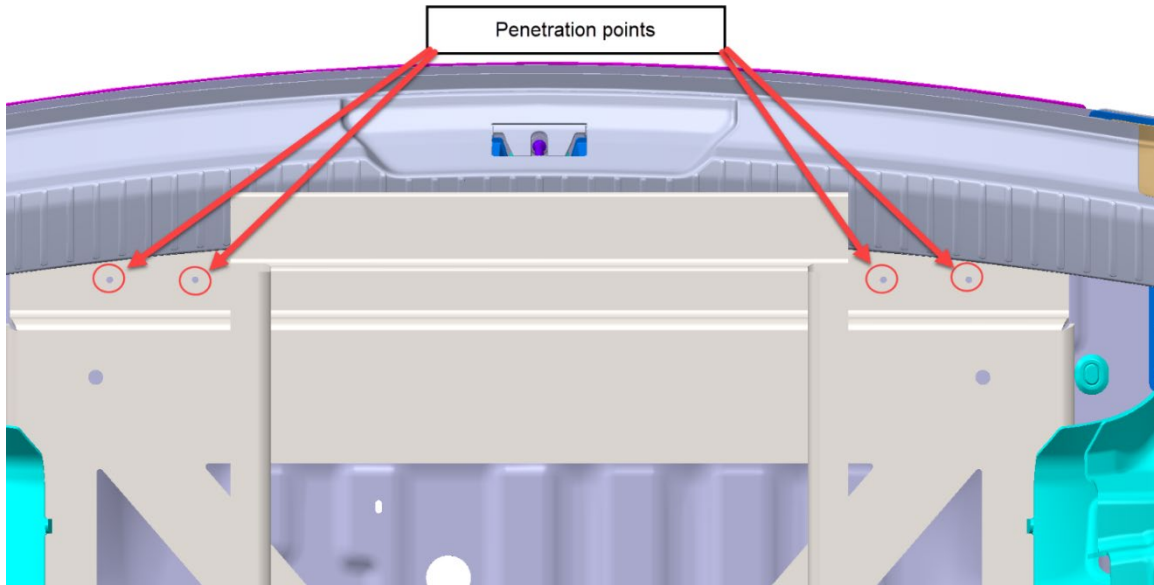


Figure 15-Expedition MAX Penetration Locations.

5. Using a 25/64" drill bit, penetrate the vehicle sheet metal to drill holes for 1/4"-20 PlusNuts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

6. Remove the bracket far enough to install the (4) 1/4"-20 PlusNuts into the sheet metal and install the PlusNuts into the drilled holes.
7. Recenter the mount bracket in the vehicle and use the stock 3<sup>rd</sup> row seat mount hardware to attach the bracket to the 3<sup>rd</sup> row seat mounts.
8. Use the following to attach the tailgate end of the bracket to the vehicle:

- (4) 1/4"-20x 1" Bolts
- (4) 1/4" Split lock washers
- (4) 1/4" Flat washers

**Torque the bolts to 9 ft-lbs.**

9. **CONFIRM THE EXTENDEBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
10. Lift the Extendobed Light into the vehicle using a properly rated lift and align the mount holes on the anchor frame with the holes on the mount bracket.
11. Using the following hardware attach the EBL to the mount bracket:

- (4) 1/2"-13x 1 1/2" Bolts
- (4) 1/2" Standard washers
- (4) 1/2" Split lock washers
- (4) 1/2" Nuts

**Torque the bolts to 75 ft-lbs.**

## *Expedition Short Wheelbase- 3<sup>rd</sup> Row Removed*

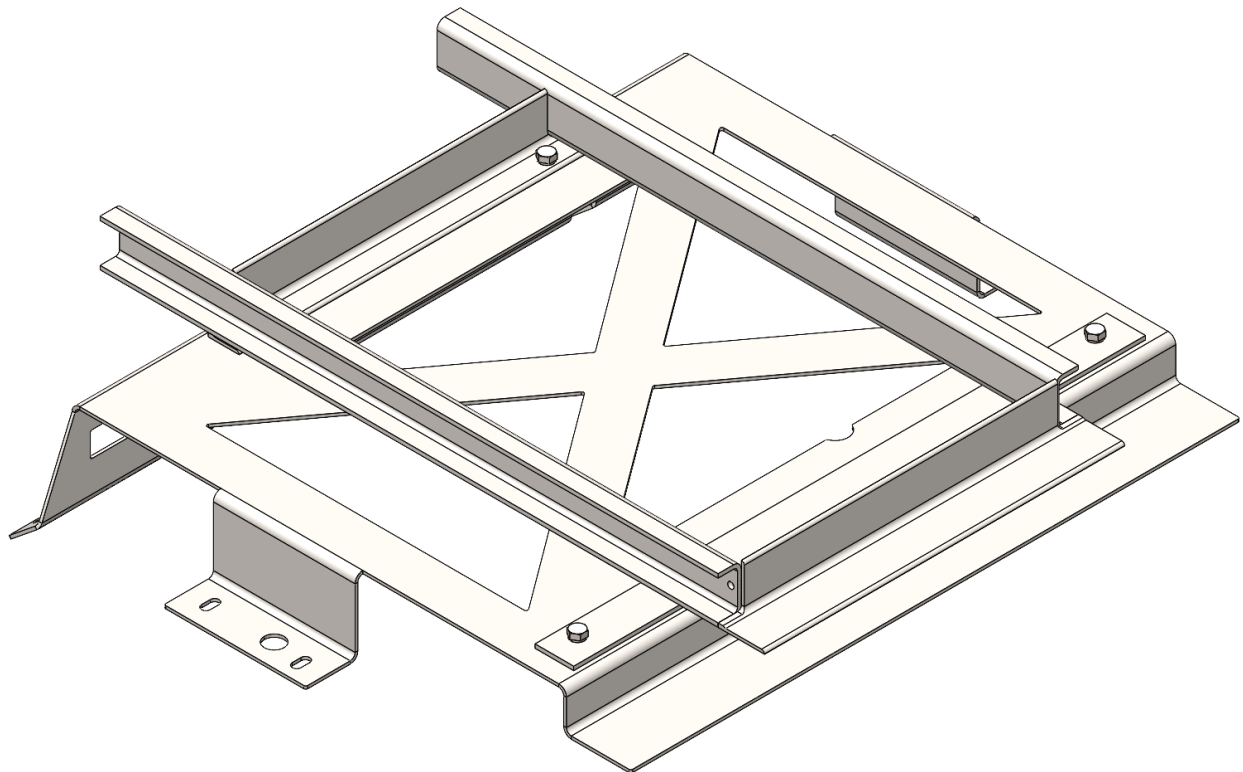
### **Included Components:**

- (1) Extendedobed Light (EBL) sliding platform assembly
- (1) Vehicle specific mounting bracket

### **Included Hardware:**

#### EBL to Mount Bracket

- (4) ½”-13x 1 ½” Bolts
- (4) ½” Standard washers
- (4) ½” Split lock washers
- (4) ½” Nuts



*Figure 16-Expedition SWB Anchor Frame and Mount Bracket.*

### **INSTALLATION STEPS**

1. Remove the false floor and rear storage compartment in the cargo area.
2. Strip the rear cargo area down to the sheet metal. The Extendedobed is designed to bolt directly to the vehicle's sheet metal.

3. Install the cab end mounting bracket aligning it with the existing 3<sup>rd</sup> row seat mounting points. The slotted holes on the bracket face towards the front of the vehicle.

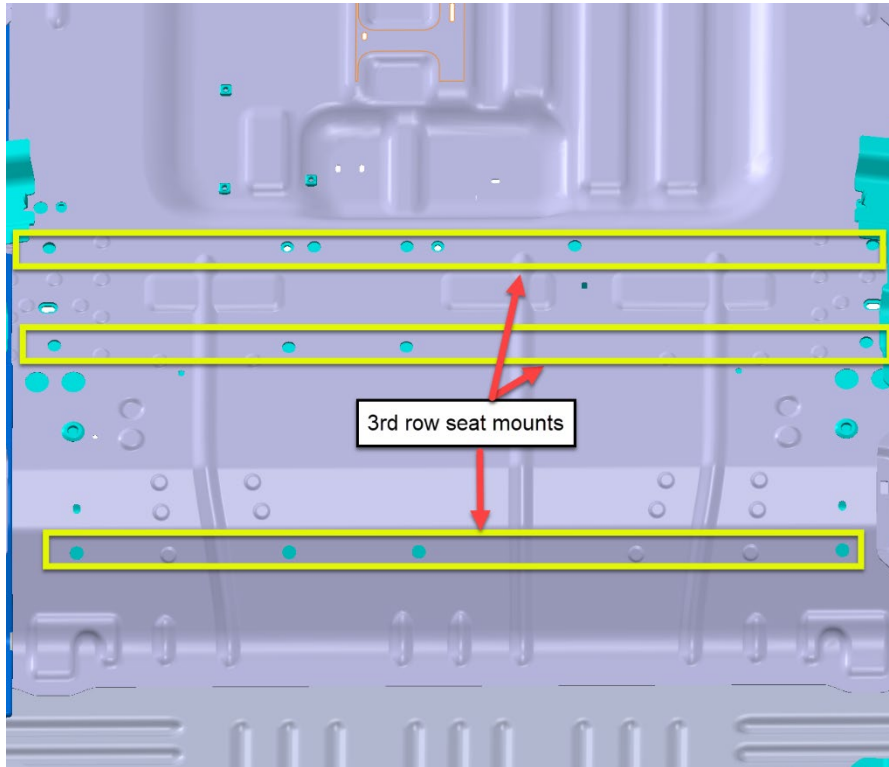


Figure 17-Expedition SWB 3<sup>rd</sup> Row Seat Mounts.

4. Center the mount bracket in the vehicle and use the stock 3<sup>rd</sup> row seat mount hardware to attach the bracket to the 3<sup>rd</sup> row seat mounts.
5. **CONFIRM THE EXTENDED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
6. Lift the Extended Light into the vehicle using a properly rated lift and align the mount holes on the anchor frame with the holes on the mount bracket.
7. Using the following hardware attach the EBL to the mount bracket:
  - (4) ½”-13x 1 ½” Bolts
  - (4) ½” Standard washers
  - (4) ½” Split lock washers
  - (4) ½” Nuts

**Torque the bolts to 75 ft-lbs.**

# *Interceptor*

## **Included Components:**

- (1) Extendedobed Light (EBL) sliding platform assembly
- (2) Vehicle specific mounting brackets:
  - (1) Cab end mount bracket- This section of the mount bracket utilizes the existing x-bar.
  - (1) Tailgate end mount bracket- To install this section of the mount bracket, the installer will need to penetrate the sheet metal.

## **Included Hardware:**

### Tailgate End Mounting to Vehicle Sheet Metal

- (4)  $\frac{3}{8}$ "-16x 1  $\frac{1}{2}$ " Bolts (for tailgate end mounting feet)
- (4) 1  $\frac{1}{4}$ " OD Oversized washers (for underneath vehicle)
- (4)  $\frac{3}{8}$ " Split lock washers
- (4)  $\frac{3}{8}$ " Nuts

### Tailgate End Mounting Bracket to EBL

- 4)  $\frac{1}{2}$ "-13x 1  $\frac{1}{2}$ " Bolts
- (4)  $\frac{1}{2}$ " Standard washers
- (4)  $\frac{1}{2}$ " Split lock washers
- (4)  $\frac{1}{2}$ " Nuts

### Cab End Mounting Bracket to EBL

- (2)  $\frac{1}{2}$ "-13x 1  $\frac{1}{2}$ " Bolts
- (2)  $\frac{1}{2}$ " Standard washers
- (2)  $\frac{1}{2}$ " Split lock washers
- (2)  $\frac{1}{2}$ " Nuts

### Cab-End Mounting Bracket to X-Bar

- (2)  $\frac{3}{8}$ " -16 U-Bolt,  $\frac{11}{16}$  ID
- (4)  $\frac{3}{8}$ " Nuts



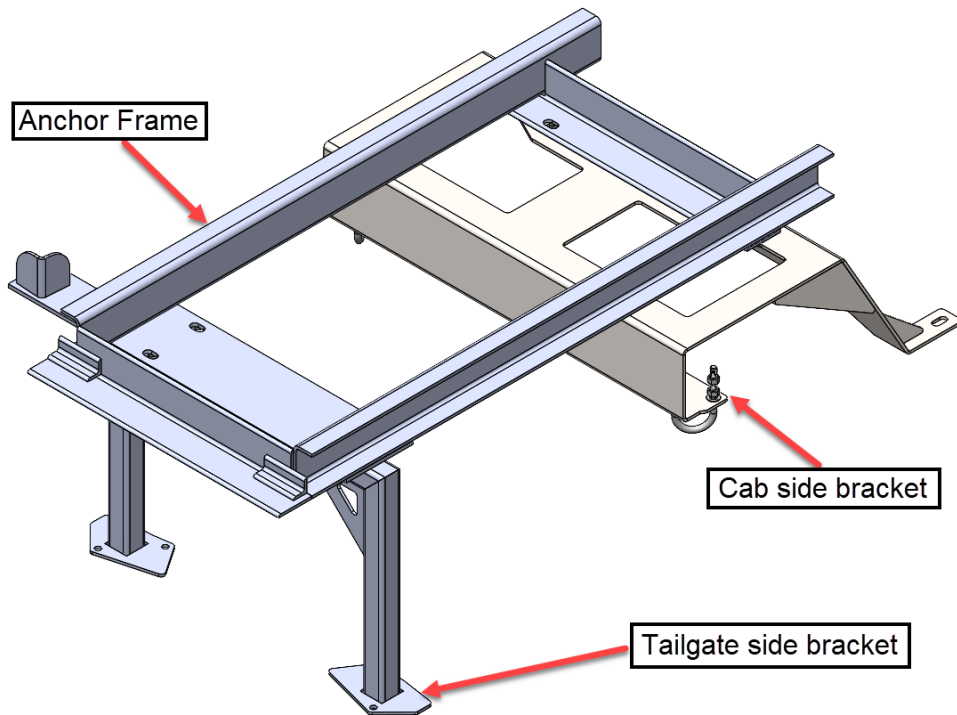
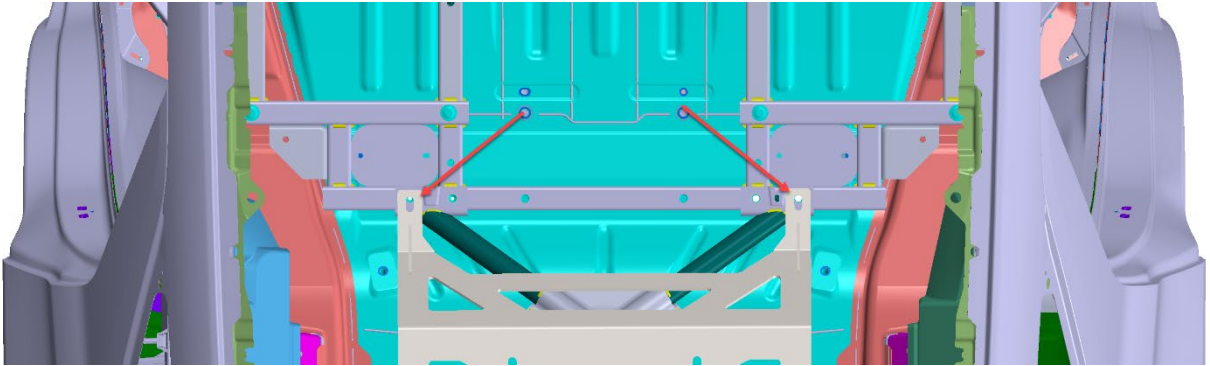
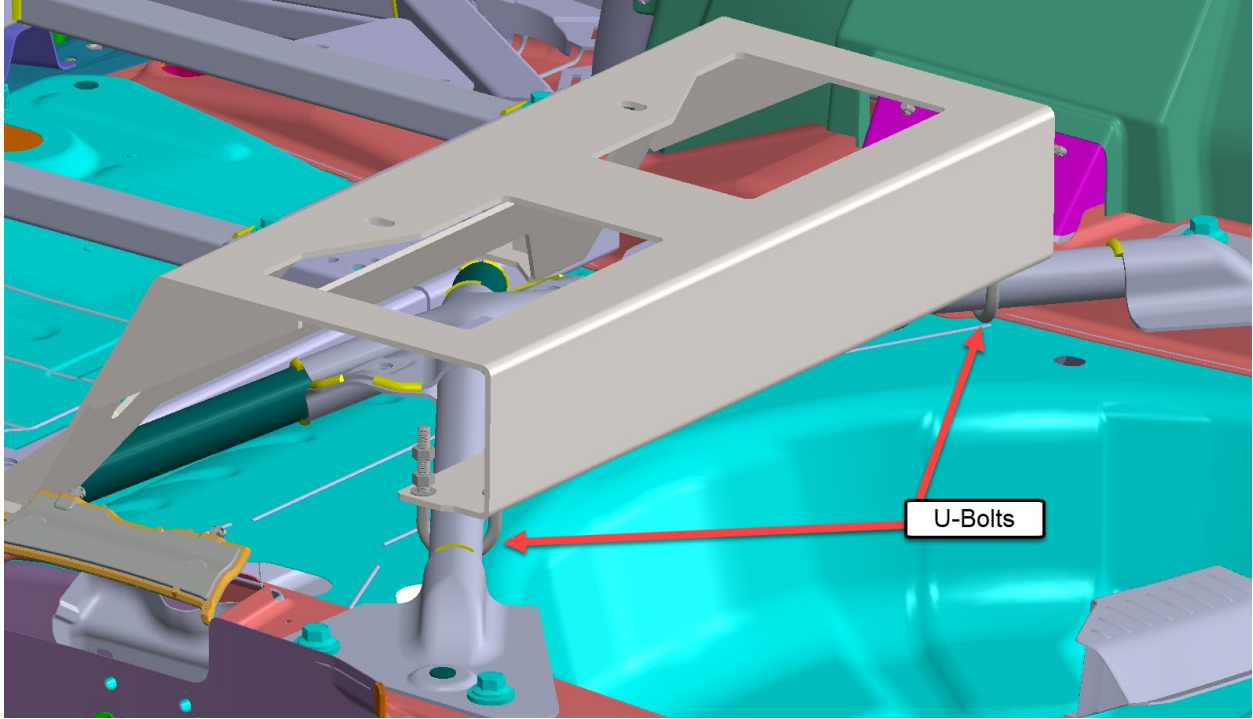


Figure 18-Interceptor Anchor Frame and Mount Brackets.

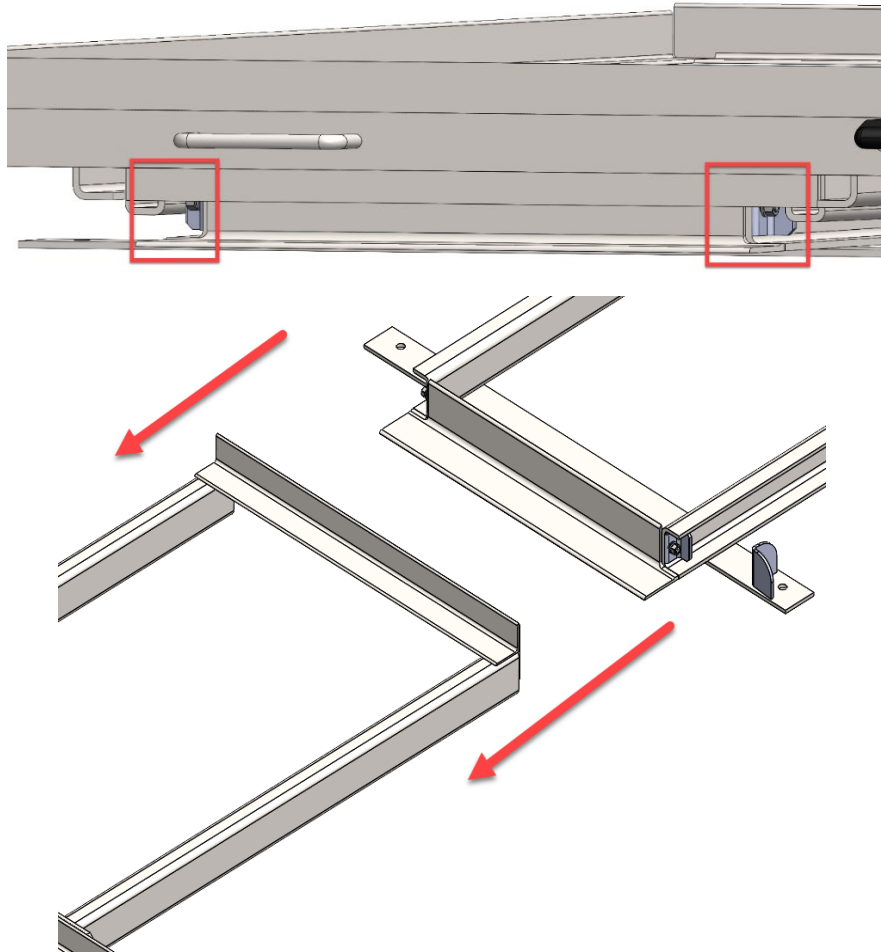
### INSTALLATION STEPS

1. Remove the false floor and rear storage compartment in the cargo area.
2. Install the Cab-End mounting bracket aligning it with the existing x-bar mounting points. The slotted holes on the bracket face towards the front of the vehicle. Use x-bar mount bolts to attach the bracket.
3. Attach U-bolts to X-bar and **torque to 33 ft-lbs.**



*Figure 19-Interceptor Cab Side Bracket Mounting.*

4. Remove the bearing stops on the anchor frame and separate the anchor frame from the other two frames.



*Figure 20-Ford EBL Transfer and Cargo Frame Removal.*

5. Assemble the Tailgate-End bracket to the Anchor Frame using the **Tailgate End Mounting Bracket to EBL hardware. Torque the bolts to 75 ft-lbs.**
6. Bring the tailgate end bracket and anchor frame assembly into the vehicle.
7. Align the anchor frame with the cab end bracket mounting points. Using **the Cab End Mounting Bracket to EBL hardware** attach the anchor frame to the cab end bracket. **Torque the bolts to 75 ft-lbs.**

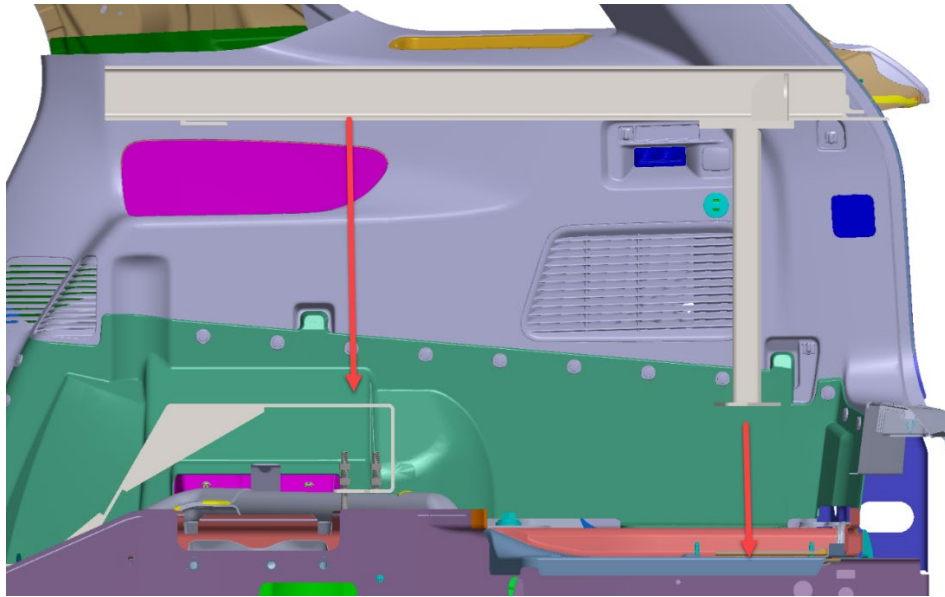


Figure 21-Interceptor Anchor Frame Alignment.

8. Once the anchor frame is centered in the vehicle, use the tailgate end bracket as a reference to mark the four vehicle penetration points around the spare tire. Make sure the tailgate end bracket is centered in the depression.

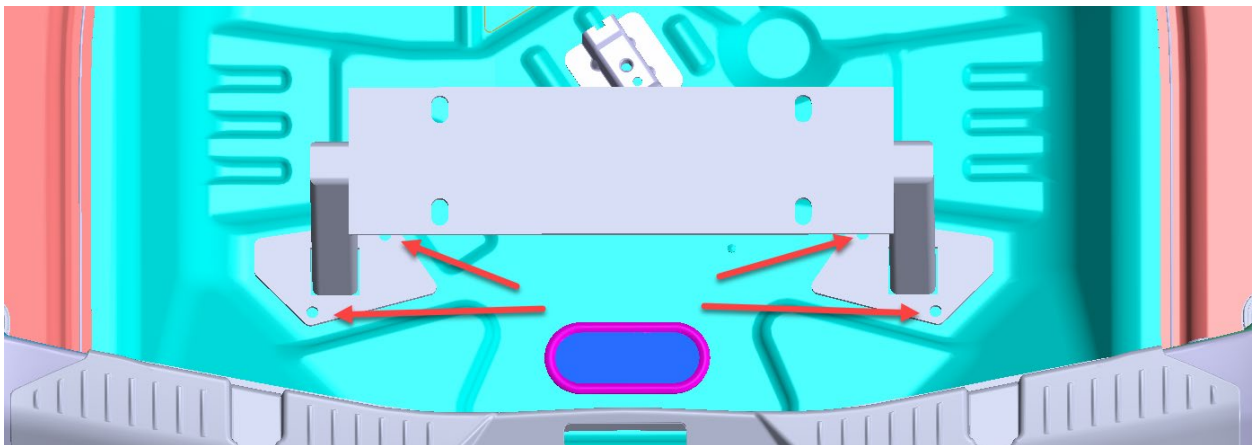


Figure 22-Interceptor Penetration Points.

**NOTE:** The spare tire **must** be removed before EBL installation.

9. Penetrate the vehicle sheet metal and attach the tailgate-end bracket to the floor of the vehicle using the **Tailgate End Mounting to Vehicle Sheet Metal Penetration** hardware. Torque the bolts to **35 ft-lbs**.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

10. Reinsert the transfer and cargo frame into the anchor frame. **REATTACH THE BEARING STOPS TO THE ANCHOR FRAME.**

# Dodge

## *Durango*

### **Included Components:**

(1) Extended Bed Light (EBL) sliding platform assembly

(2) Vehicle specific mounting brackets:

(1) Cab end mounting bracket

(1) Tailgate end mounting bracket

### **Included Hardware:**

Tailgate End Mounting to Vehicle Sheet Metal

(2) ½"-13x 2" Bolts (for tailgate end mounting feet)

(2) 2" OD Oversized washers (for underneath vehicle)

(2) ½" Split lock washers

(2) ½" Nuts

(2) Anchor plate

Cab End Mounting to Vehicle Sheet Metal

(2) ½"-13x 2" Bolts (for tailgate end mounting feet)

(2) 2" OD Oversized washers (for underneath vehicle)

(2) ½" Split lock washers

(2) ½" Nuts

Cab End Mounting Bracket to EBL

(4) ½"-13x 1 ¼" Bolts

(4) ½" Split lock washers

(4) ½" Nuts

Tailgate End Mounting Bracket to EBL

(2) ½"-13x 1 ¼" Bolts

(2) ½" Split lock washers

(2) ½" Nuts

(2) ⅜"-16x1 ¼" Bolts

(2)  $\frac{3}{8}$ " Split lock washers

(2)  $\frac{3}{8}$ " Nuts

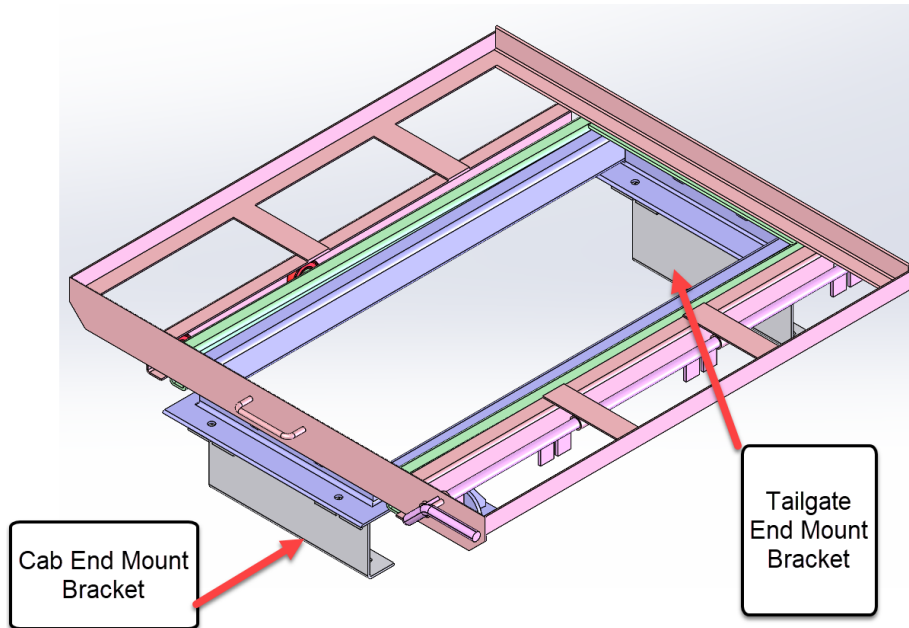


Figure 23- Durango EBL View 1

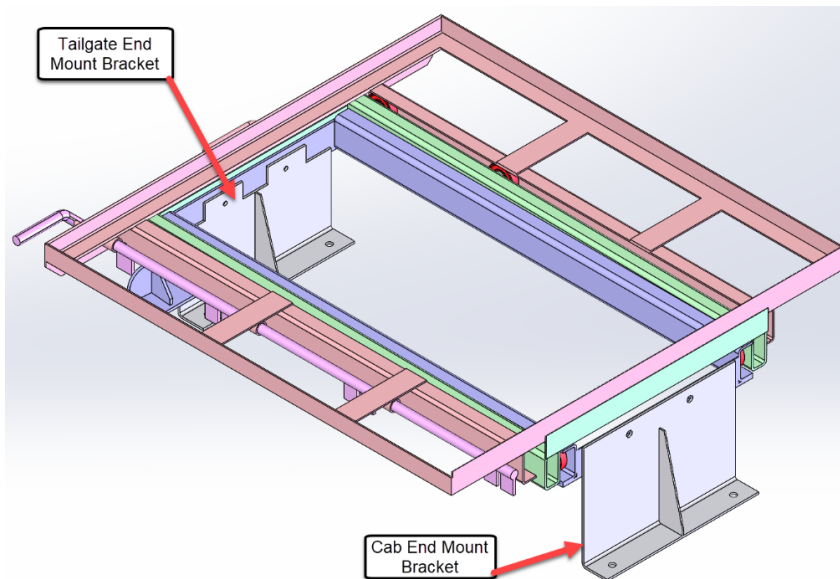


Figure 24- Durango EBL View 2

**Note:** Tailgate end bracket is shorter than the cab end bracket.

## INSTALLATION STEPS

1. Remove the false floor and rear storage compartment in the cargo area.
2. Strip the rear cargo area down to the sheet metal. The Extendobed is designed to bolt directly to the vehicle's sheet metal. To ensure proper fitment and hole placement, the vehicle sheet-metal **must** be exposed in two places:
  - a. Above the spare tire.
  - b. Just behind the 2<sup>nd</sup> row seat mounting points.
3. Using the following hardware:
  - a. **Tailgate End Mounting Bracket to EBL**
  - b. **Cab End Mounting Bracket to EBL**

Attach both Mount brackets to the EBL. **Torque  $\frac{3}{8}$ " bolts to 33 ft-lbs. and  $\frac{1}{2}$ " bolts to 75 ft-lbs.**

4. Lift the EBL into the vehicle using a properly rated lift and center the unit laterally between the wheel wells.
5. Place the cab end mount bracket approximately 6" behind the second-row seats. The bolt holes should be centered on the floor pleat behind the seats (highlighted in Fig. 25).



Figure 25- Durango Tailgate Mount Bracket Location

6. Carefully close the liftgate to confirm there is enough clearance between the lock handle and the liftgate.
7. Using the cab end mount bracket as a guide, penetrate the vehicle sheet metal drilling holes for  $\frac{1}{2}$ " diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

8. Attach the cab end bracket to the floor of the vehicle using the **Cab End Mounting to Vehicle Sheet Metal** hardware. **Torque the bolts to 75 ft-lbs.**
9. Carefully extend the EBL so that the bolt holes for the tailgate end mount bracket are exposed. Using the tailgate end mount bracket as a guide, penetrate the vehicle sheet metal drilling holes for  $\frac{1}{2}$ " diameter bolts.



**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

10. Attach the tailgate end bracket to the floor of the vehicle using the **Tailgate End Mounting to Vehicle Sheet Metal** hardware. **Torque the bolts to 75 ft-lbs.**

## Jeep

### *Jeep Wagoneer- 3<sup>rd</sup> Row Removed*

#### **Included Components:**

- (1) Extendedobed Light (EBL) sliding platform assembly
- (2) Vehicle specific mounting brackets:

(1) Cab end mount bracket- This section of the mount bracket utilizes the existing 3<sup>rd</sup> row seat mounting locations and hardware.

(1) Tailgate end mount bracket- This bracket will attach to the black mounts next to the interior trim and across from the OEM storage location of the jack.

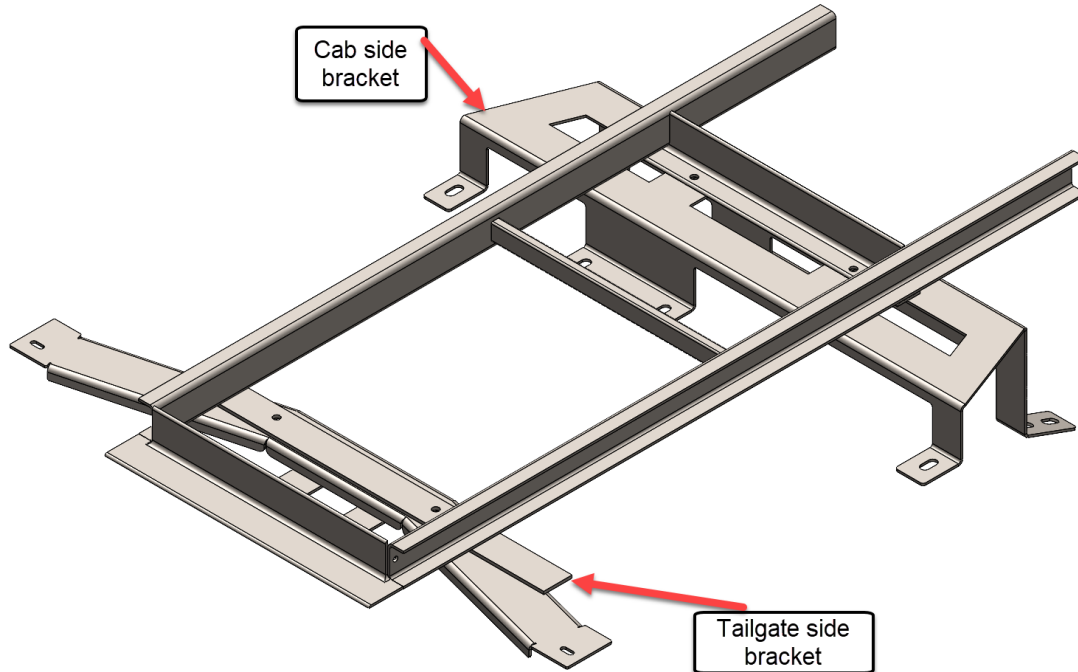


Figure 26-Jeep Wagoneer Mount Brackets

#### Included Hardware:

Tailgate Mounting Bracket to Vehicle Floor:

(2) M8x1.25x 25

EBL to Mount Bracket

(4) ½"-13x 1 ½" Bolts

(4) ½" Standard washers

(4) ½" Split lock washers

(4) ½" Nuts

#### INSTALLATION STEPS

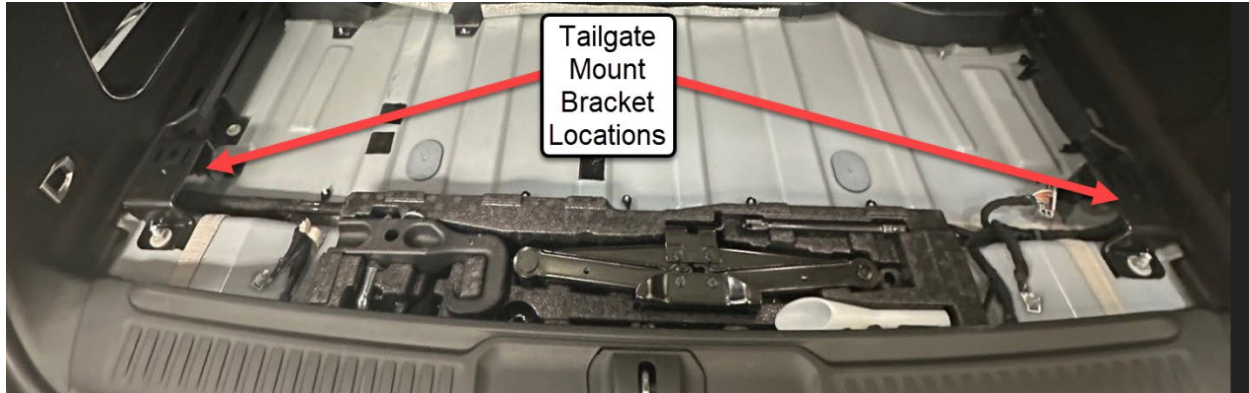
1. Remove the false floor and rear storage compartment in the cargo area.
2. Strip the rear cargo area down to the sheet metal. The Extendedobed is designed to bolt directly to the vehicle's sheet metal.
3. Install the cab end mounting bracket, aligning it with the existing 3<sup>rd</sup> row seat mounting points. It will be installed using the factory 3d row seat mounting hardware.

4. Install the tailgate side bracket. The holes will align with the holes on the black mounting bracket next to the trim and across from the OEM jack location. The “feet” on the bracket will rest just behind the spare tire lowering mechanism and between the sheet metal pleats.
5. Using:

**Tailgate Mounting Bracket to Vehicle Floor:**

(2) M8x1.25x 25

Fasten the tailgate side bracket to the existing black mounts. **Torque to 35 Nm (26 ft-lbs.).**



*Figure 27-Jeep Wagoneer Tailgate Bracket Location.*

**NOTE:** The jack and accessories will need to be relocated. The spare tire will still be accessible

6. **CONFIRM THE EXTENDEBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
7. Lift the Extendobed Light into the vehicle using a properly rated lift and align the mount holes on the anchor frame with the holes on the mount bracket.
8. Using the following hardware attach the EBL to the mount bracket:
  - (4) ½”-13x 1 ½” Bolts
  - (4) ½” Standard washers
  - (4) ½” Split lock washers
  - (4) ½” Nuts

**Torque the bolts to 75 ft-lbs.**

# EB Units

## Trucks

### Included Hardware:

- (2) Anchor plates
- (2) ½"-13x 2" Grade 8 bolts
- (2) ½"-13x 1 ½" Grade 8 bolts
- (4) ½" Split lock washers
- (4) ½" Flat washers
- (4) ½" Nuts
- (6) Self tapping screws (3 on each side)
- (2) Aluminum guard angles

### Installation Steps

1. Prior to installing the Extendobed (EB), remove all debris from the bed of the vehicle. Inspect under the vehicle to locate the spare tire, fuel tank, heat shield, fuel lines, and any other items that could be damaged when drilling the mounting holes in the bed.
2. **CONFIRM THE EXTENDOBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
3. Lift the EB into the vehicle using a properly rated lift and center the unit laterally between wheel wells. Position the tailgate edge of the anchor frame 1" from the tailgate when it is fully closed.

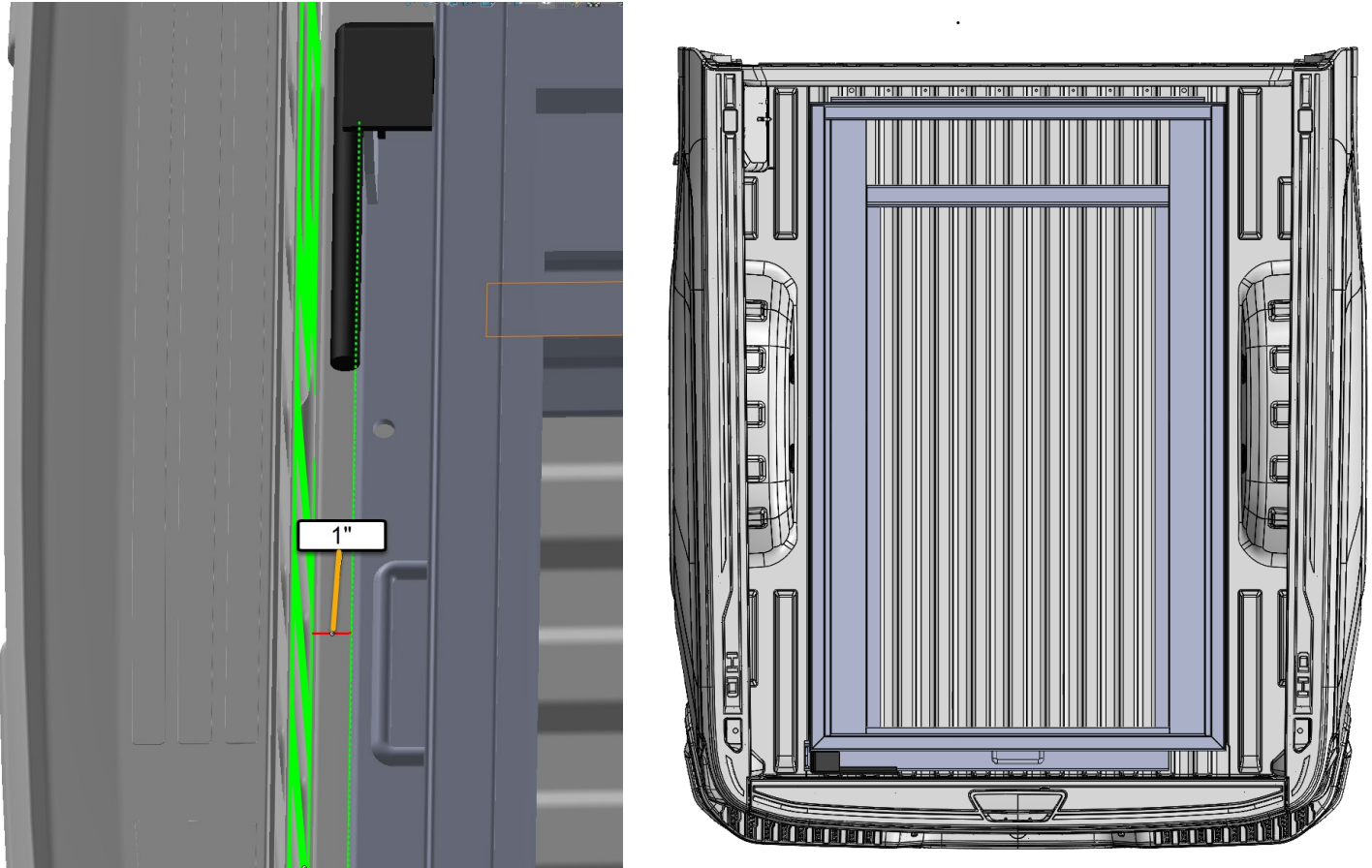


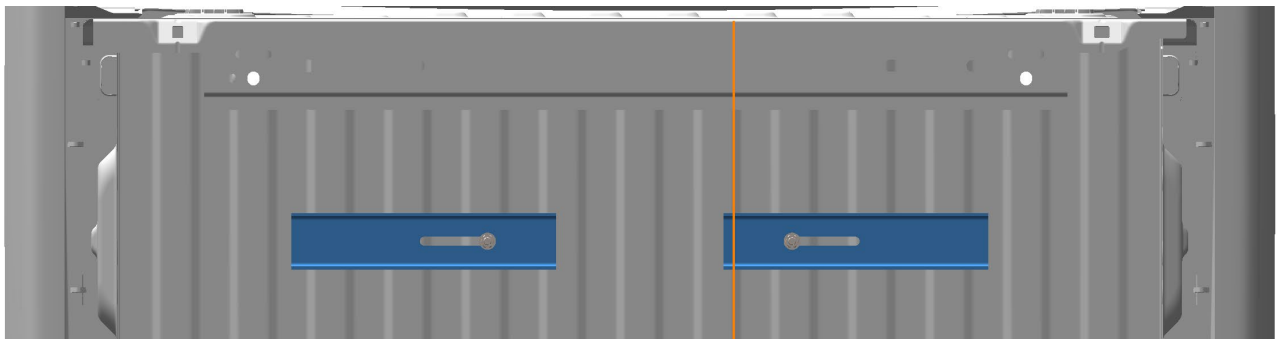
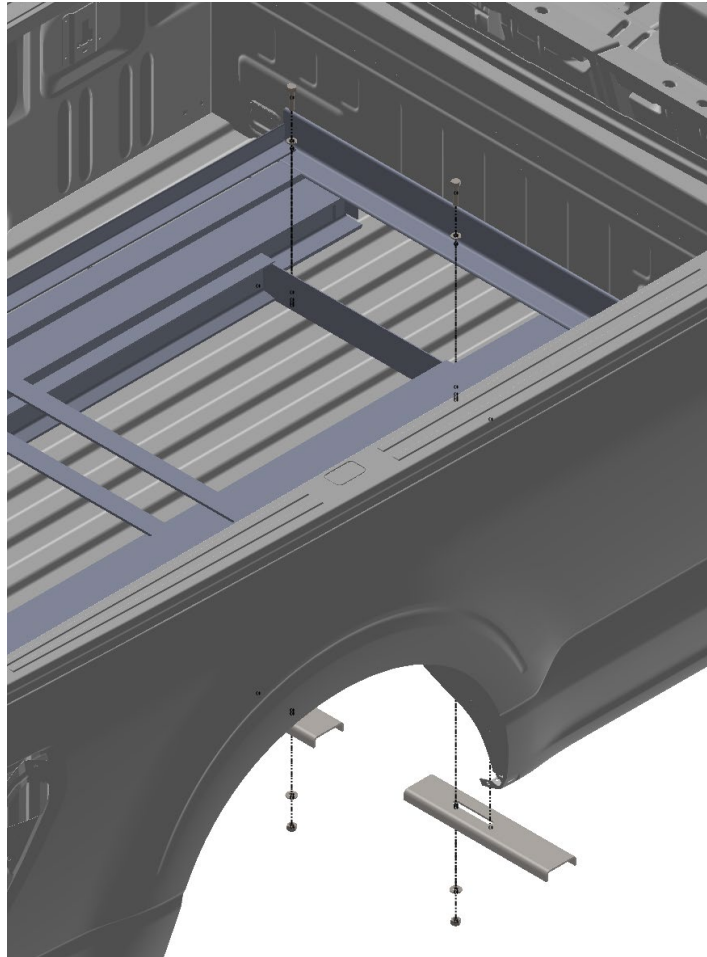
Figure 28-Truck EB Placement

- Carefully extend the EB to expose the mounting holes **closest to the cab**, assuring there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for  $\frac{1}{2}$ " diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

- Using:
  - (2) Anchor plates
  - (2)  $\frac{1}{2}$ "-13x 2" Grade 8 bolts
  - (2)  $\frac{1}{2}$ " Split lock washers
  - (2)  $\frac{1}{2}$ " Flat washers
  - (2)  $\frac{1}{2}$ " Nuts

Install the mounting bolts, washers, anchor plates and nuts through the back cab side holes of the anchor frame. The HD anchor plates sit on the underside of the truck bed. **Torque the bolts to 75 ft-lbs.**



*Figure 29- Truck EB Anchor Plate Mounting*

6. After the Cab-Side bolts have been installed and torqued to spec, carefully extend the unit to expose the mounting holes closest to the tailgate. While extending the unit, ensure there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½” bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

7. Using:

(2) ½"-13x 2" Grade 8 bolts

(2) ½" Split lock washers

(2) ½" Flat washers

(2) ½" Nuts

Install the mounting bolts, washers, and nuts through the tailgate side holes of the anchor frame. **Torque the bolts to 75 ft-lbs.**

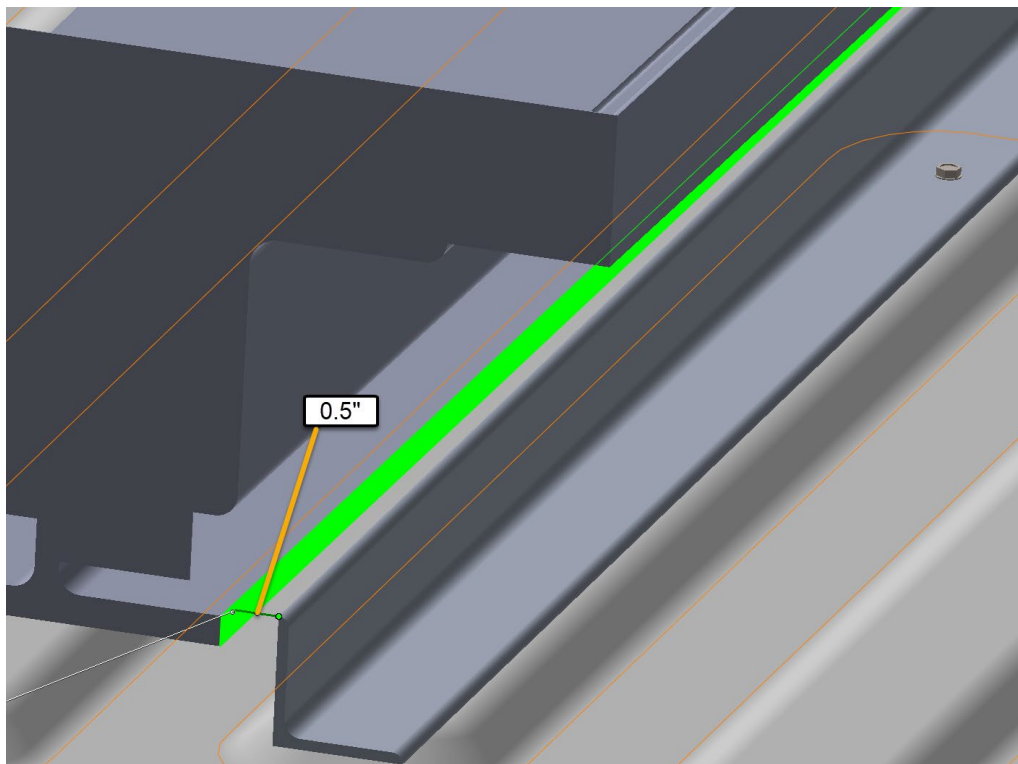
8. Using:

(6) Self tapping screws (3 on each side)

(2) Aluminum guard angles

Place each aluminum guard rail approximately ½" from the I-beam on the transfer frame. It may need to be moved slightly left or right so that it lands on the high point on the bed pleat. Using the self-tapping screws (3 on each side) attach the aluminum guard rails to the truck bed. Make sure the self-tapping screw does not go into the edge of the pleat. The aluminum guard rail will help protect the bearings and tracks from debris.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**



*Figure 30-Aluminum Guard Rail Install in a Truck.*



# GM Savannah/Express

## 135" and 155" Wheelbase

### Included Hardware:

- (2) Anchor plates
- (2) ½"-13x 2" Grade 8 bolts
- (2) ½"-13x 1 ½" Grade 8 bolts
- (4) ½" Split lock washers
- (4) ½" Flat washers
- (4) ½" Nuts

### Installation Steps

1. Prior to installing the Extendedbed (EB), remove all debris from the cargo area of the vehicle. Inspect under the vehicle to locate the spare tire, fuel tank, heat shield, fuel lines, and any other items that could be damaged when drilling the mounting holes in the bed.
2. **CONFIRM THE EXTENDEBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
3. Lift the EB into the vehicle using a properly rated lift and center the unit laterally between wheel wells. Position the tailgate edge of the anchor frame 0.68" from the edge of the floor.

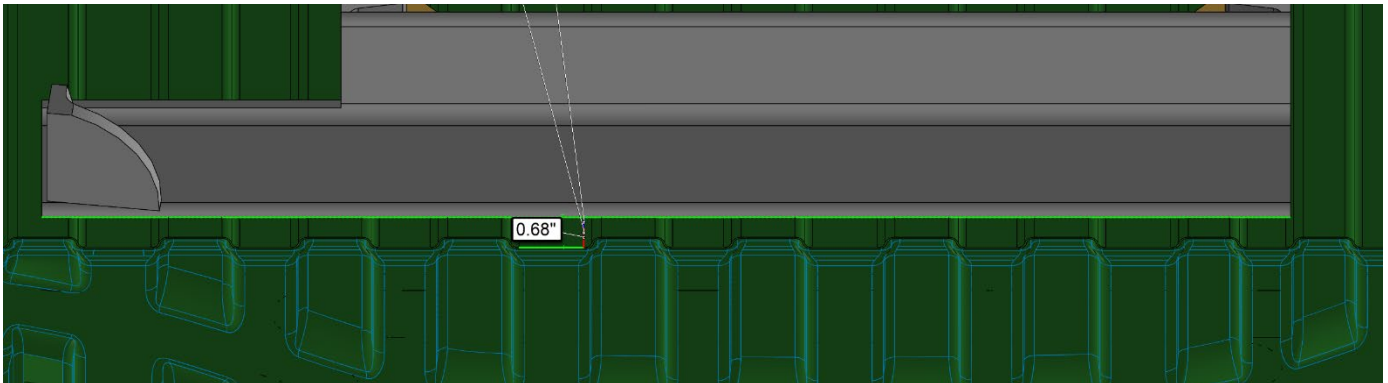


Figure 31-Savana/Express Placement.

4. Carefully extend the EBL to expose the mounting holes **closest to the cab**, assuring there is no movement of the anchor frame that is in direct contact with the floor of the vehicle. Using the anchor frame as a guide, drill holes for ½" diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

5. Using:
  - (2) Anchor plates
  - (2) Pleat spacers

- (2) ½”-13x 2” Grade 8 bolts
- (2) ½” Split lock washers
- (2) ½” Flat washers
- (2) ½” Nuts

Install the mounting bolts, washers, anchor plates and nuts through the back cab side holes of the anchor frame. The HD anchor plates sit on the underside of the vehicle. **Torque the bolts to 75 ft-lbs.**

NOTE: The heat shield on the passenger side may need to be removed for anchor plate installation.

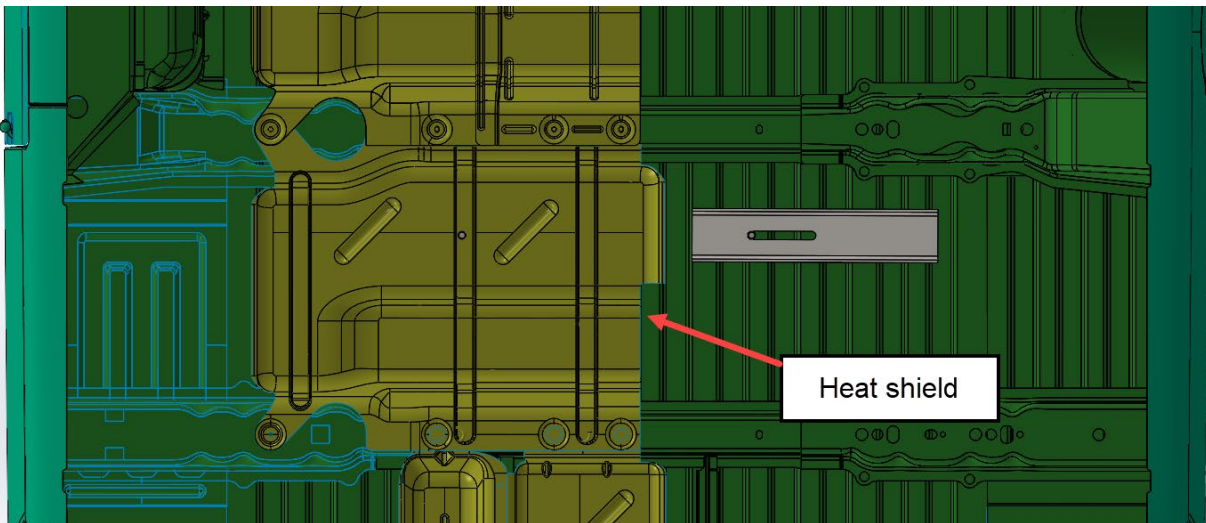


Figure 32-Savana/Express Anchor Plate Install

6. After the Cab-Side bolts have been installed and torqued to spec, carefully extend the unit to expose the mounting holes closest to the tailgate. While extending the unit, ensure there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½” bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

7. Using:

- (2) ½”-13x 2” Grade 8 bolts
- (2) ½” Split lock washers
- (2) ½” Flat washers
- (2) ½” Nuts

Install the mounting bolts, washers, and nuts through the tailgate side holes of the anchor frame. **Torque the bolts to 75 ft-lbs.**

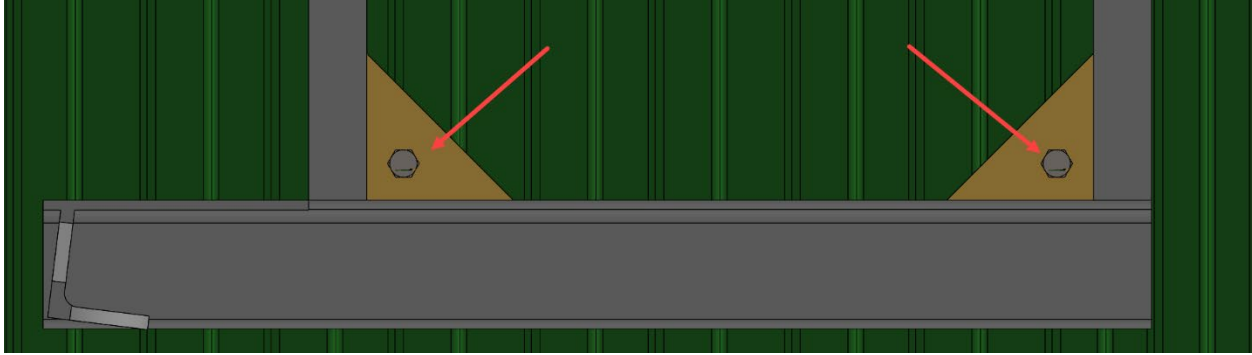


Figure 33-Savana/Express Tailgate Side Install.

8. Using:

(6) Self tapping screws (3 on each side)

(2) Aluminum guard angles

Place each aluminum guard rail approximately ½” from the I-beam on the transfer frame. It may need to be moved slightly left or right so that it lands on the high point on the floor pleat. Using the self-tapping screws (3 on each side) attach the aluminum guard rails to the vehicle floor. Make sure the self-tapping screw does not go into the edge of the pleat. The aluminum guard rail will help protect the bearings and tracks from debris.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

# Ford Transit Vans

## 130" and 148" Wheelbase

### Included Hardware:

- (2) Anchor plates
- (2) ½"-13x 2" Grade 8 bolts
- (2) ½"-13x 1 ½" Grade 8 bolts
- (4) ½" Split lock washers
- (4) ½" Flat washers
- (4) ½" Nuts

### Installation Steps

1. Prior to installing the Extendobed (EB), remove all debris from the bed of the vehicle. Inspect under the vehicle to locate the spare tire, fuel tank, heat shield, fuel lines, and any other items that could be damaged when drilling the mounting holes in the bed.
2. **CONFIRM THE EXTENDOBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
3. Lift the EB into the vehicle using a properly rated lift and center the unit laterally between wheel wells. Position the tailgate edge of the anchor frame from the edge of the floor:
  - a. 130" Wheelbase-2.46"
  - b. 148" Wheelbase-1.62"

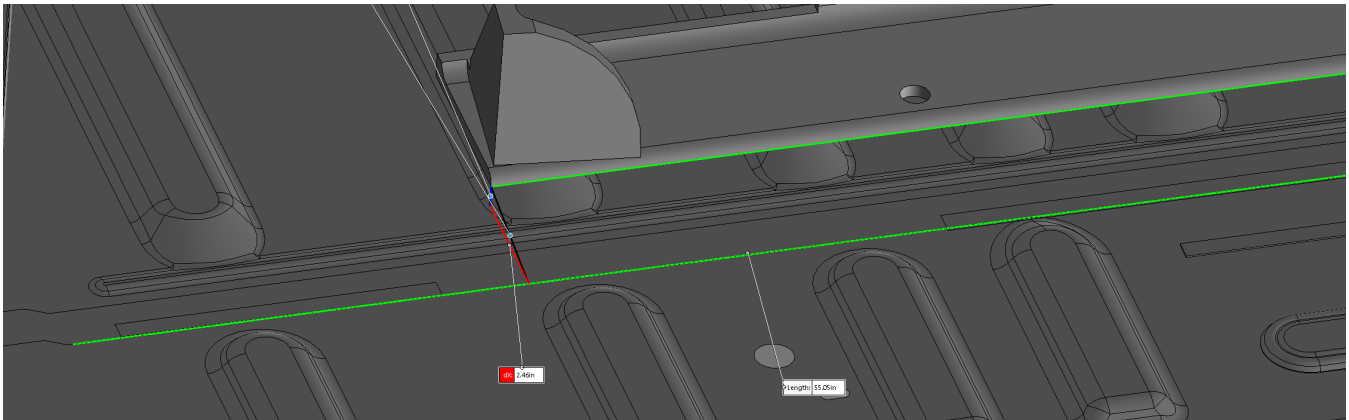


Figure 34-Transit Anchor Frame Placement.

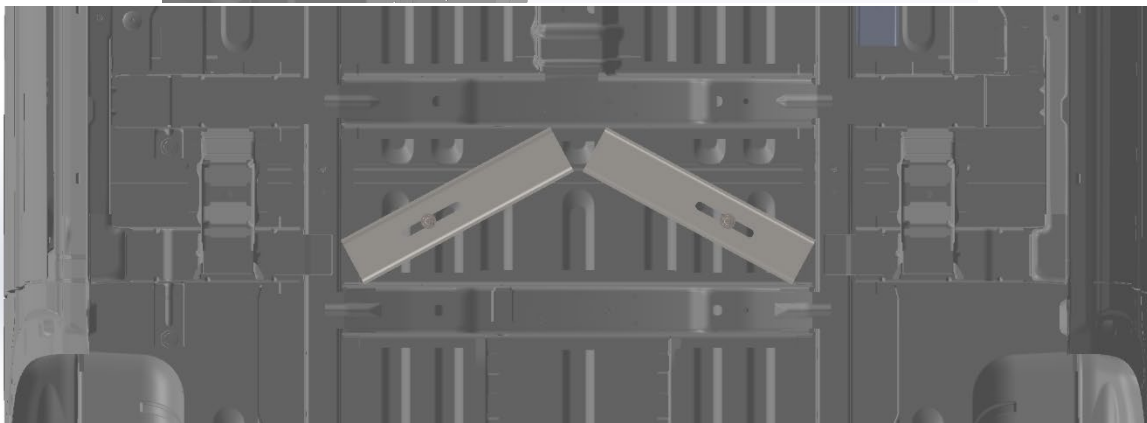
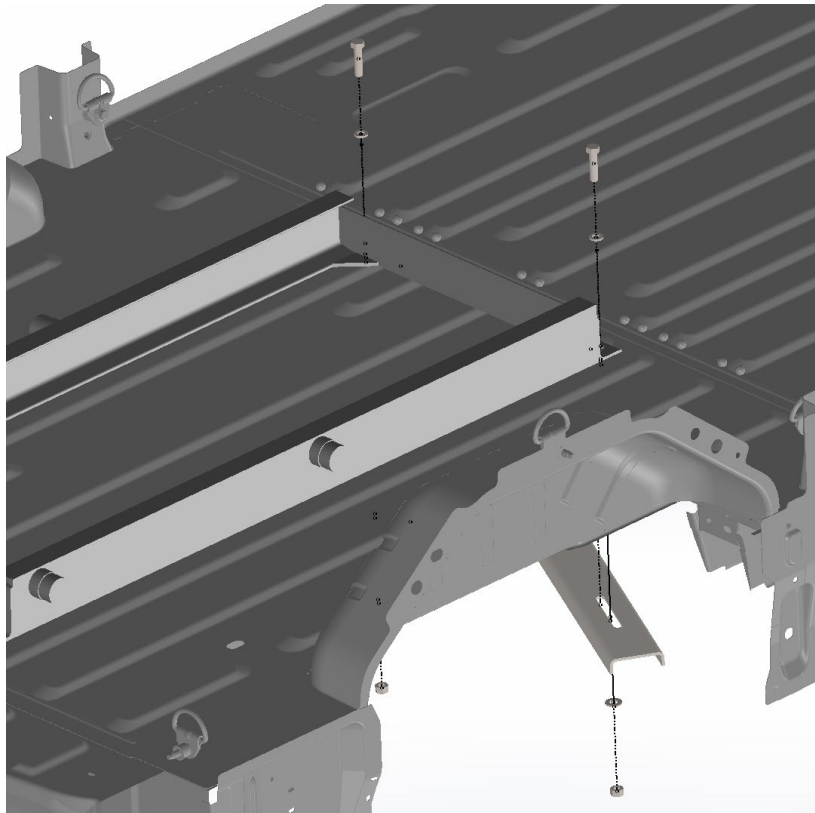
4. Carefully extend the EB to expose the mounting holes **closest to the cab**, assuring there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½" diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

5. Using:

- (2) Anchor plates
- (2) ½"-13x 2" Grade 8 bolts
- (2) ½" Split lock washers
- (2) ½" Flat washers
- (2) ½" Nuts

Install the mounting bolts, washers, anchor plates and nuts through the back cab side holes of the anchor frame. The HD anchor plates sit on the underside of the vehicle. **Torque the bolts to 75 ft-lbs.**



*Figure 35-Transit Anchor Plate Install (148" WB Shown)*

6. After the Cab-Side bolts have been installed and torqued to spec, carefully extend the unit to expose the mounting holes closest to the tailgate. While extending the unit, ensure there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½” bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

7. Using:
  - (2) ½”-13x 2” Grade 8 bolts
  - (2) ½” Split lock washers
  - (2) ½” Flat washers
  - (2) ½” Nuts

Install the mounting bolts, washers, and nuts through the tailgate side holes on the inside of the anchor frame. **Torque the bolts to 75 ft-lbs.**

8. Using:
  - (6) Self tapping screws (3 on each side)
  - (2) Aluminum guard angles

Place each aluminum guard rail approximately ½” from the I-beam on the transfer frame. It may need to be moved slightly left or right so that it lands on the high point on the floor pleat. Using the self-tapping screws (3 on each side) attach the aluminum guard rails to the vehicle floor. Make sure the self-tapping screw does not go into the edge of the pleat. The aluminum guard rail will help protect the bearings and tracks from debris.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

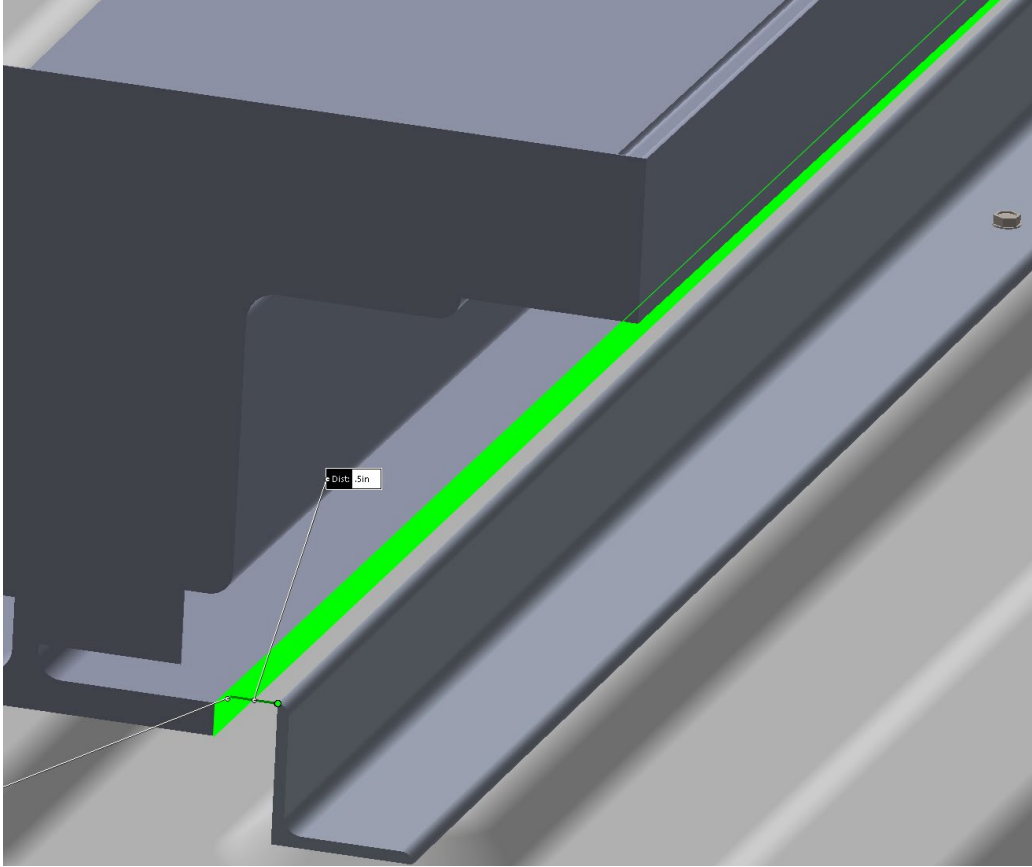


Figure 36-Aluminum Guard Rail Install (Transit)



## Ford Transit Side Door

### Included Hardware:

- (2) Anchor plates
- (2) ½”-13x 2” Grade 8 bolts
- (2) ½”-13x 1 ½” Grade 8 bolts
- (4) ½” Split lock washers
- (4) ½” Flat washers
- (4) ½” Nuts

### Installation Steps

1. Prior to installing the Extendobed (EB), remove all debris from the vehicle. Inspect under the vehicle to locate the spare tire, fuel tank, heat shield, fuel lines, and any other items that could be damaged when drilling the mounting holes in the bed.
2. **CONFIRM THE EXTENDOBED IS IN THE FULLY CLOSED AND LOCKED POSITION PRIOR TO LIFTING TO AVOID MOVEMENT THAT COULD CASUE POTENTIAL INJURY.**
3. Lift the EB into the vehicle using a properly rated lift. Place the EB 17.38” to the left of the cab side of the side door opening. Position the tailgate edge of the anchor frame 4.44” back from the cab side of the side door opening. The side door scuff plate may need to be removed.

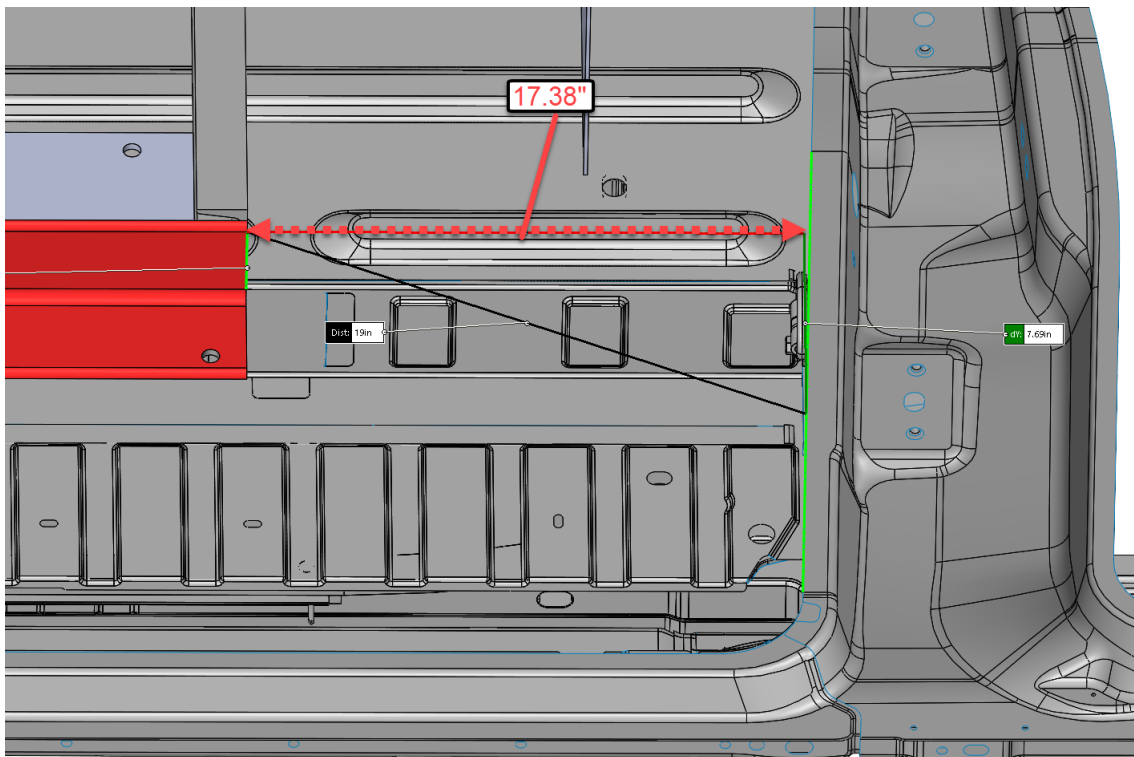


Figure 37-Transit Side Door Placement 1.

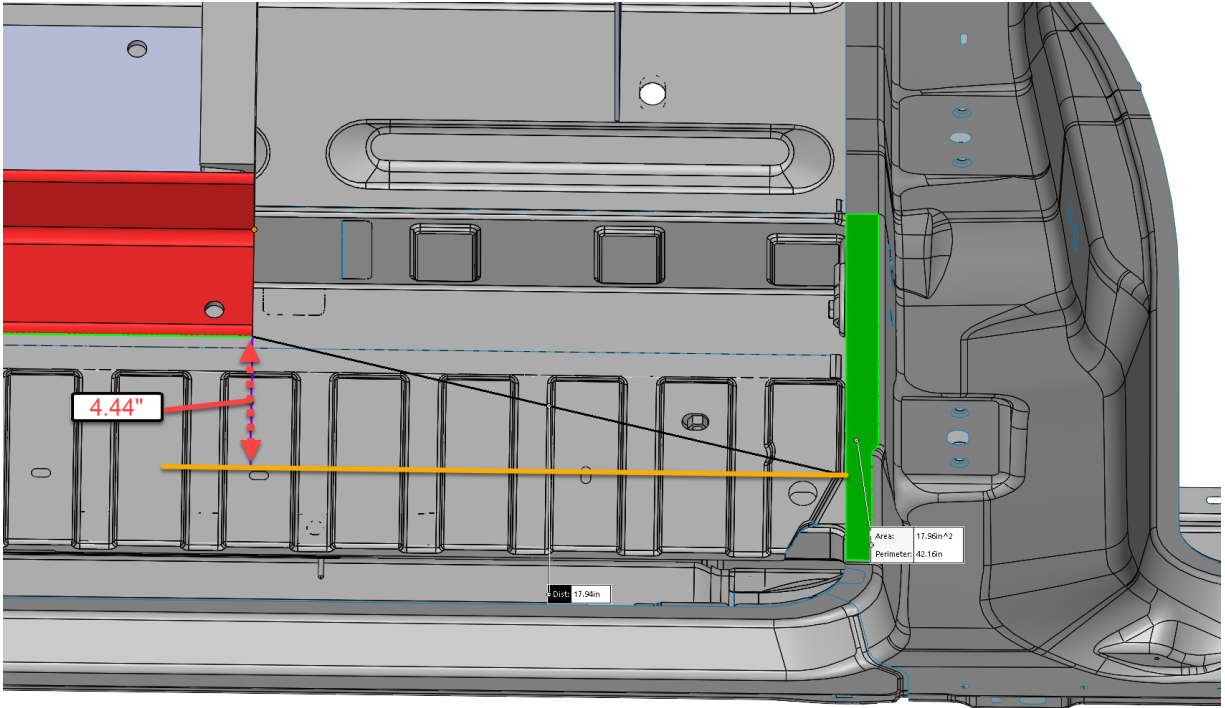


Figure 38-Transit Side Door Placement 2.

4. Carefully extend the EBL to expose the mounting holes **closest to the wall**, assuring there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for ½” diameter bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

5. Using:
  - (2) Anchor plates
  - (2) ½”-13x 2” Grade 8 bolts
  - (2) ½” Split lock washers
  - (2) ½” Flat washers
  - (2) ½” Nuts

Install the mounting bolts, washers, anchor plates and nuts through the back cab side holes of the anchor frame. The HD anchor plates sit on the underside of the vehicle. **Torque the bolts to 75 ft-lbs.**

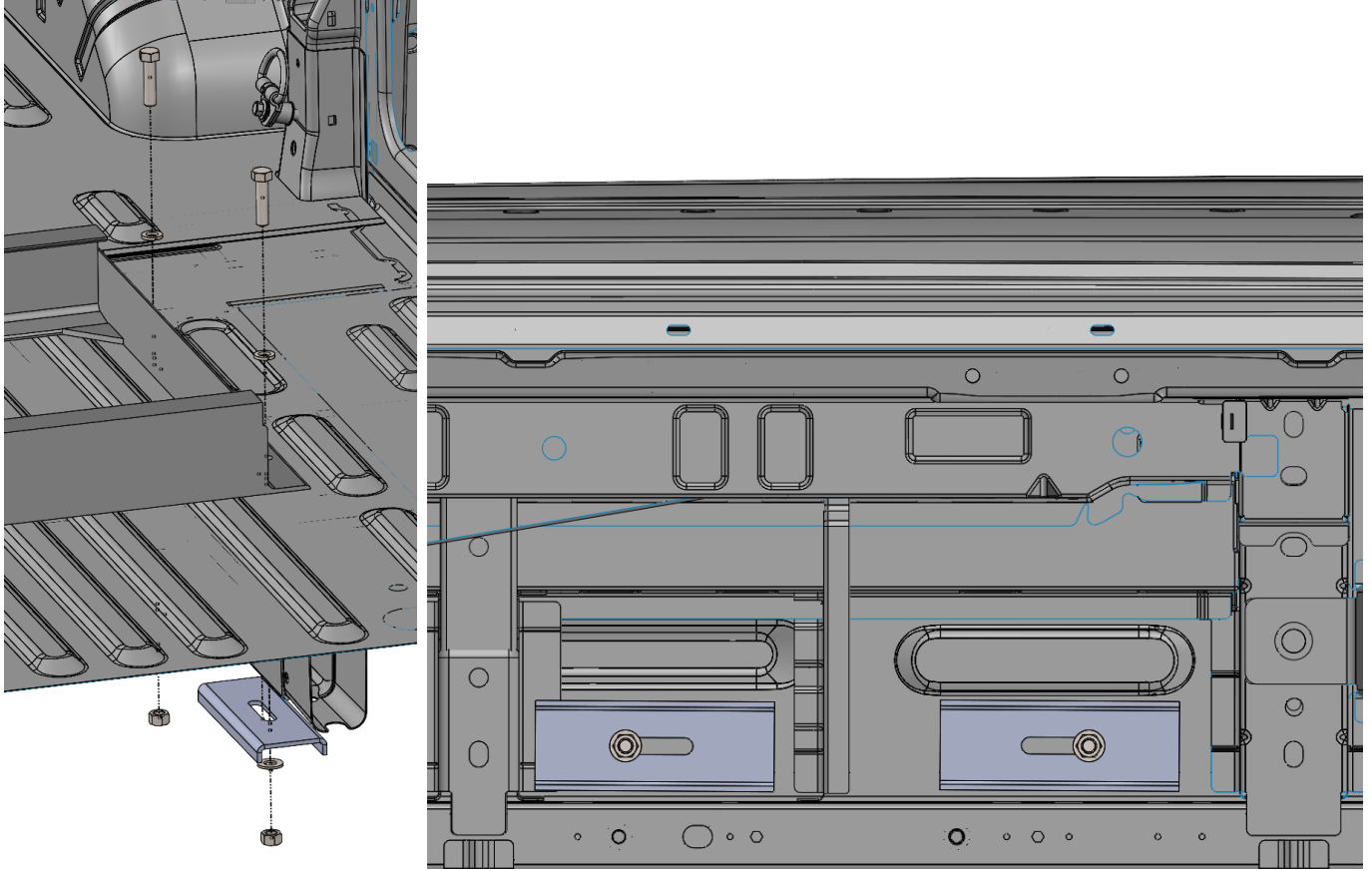


Figure 39-Transit Side Door Anchor Plate Install

6. After the Cab-Side bolts have been installed and torqued to spec, carefully extend the unit to expose the mounting holes closest to the tailgate. While extending the unit, ensure there is no movement of the anchor frame that is in direct contact with the bed of the vehicle. Using the anchor frame as a guide, drill holes for  $\frac{1}{2}$ " bolts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

7. Using:
  - (2)  $\frac{1}{2}$ "-13x 2" Grade 8 bolts
  - (2)  $\frac{1}{2}$ " Split lock washers
  - (2)  $\frac{1}{2}$ " Flat washers
  - (2)  $\frac{1}{2}$ " Nuts

Install the mounting bolts, washers, and nuts through the “tailgate” (front) side holes of the anchor frame on the plate. **Torque the bolts to 75 ft-lbs.**

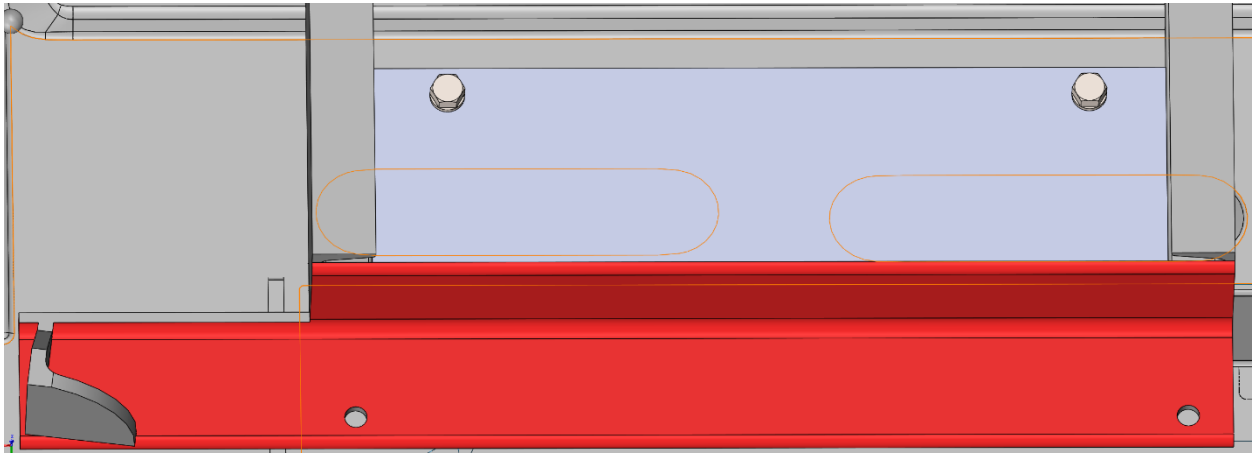


Figure 40-Transit Side Door "Tailgate" Side Install.

8. Using:
- (6) Self tapping screws (3 on each side)
  - (2) Aluminum guard angles

Place each aluminum guard rail approximately  $\frac{1}{2}$ " from the I-beam on the transfer frame. It may need to be moved slightly left or right so that it lands on the high point on the floor pleat. Using the self-tapping screws (3 on each side) attach the aluminum guard rails to the vehicle floor. Make sure the self-tapping screw does not go into the edge of the pleat. The aluminum guard rail will help protect the bearings and tracks from debris.

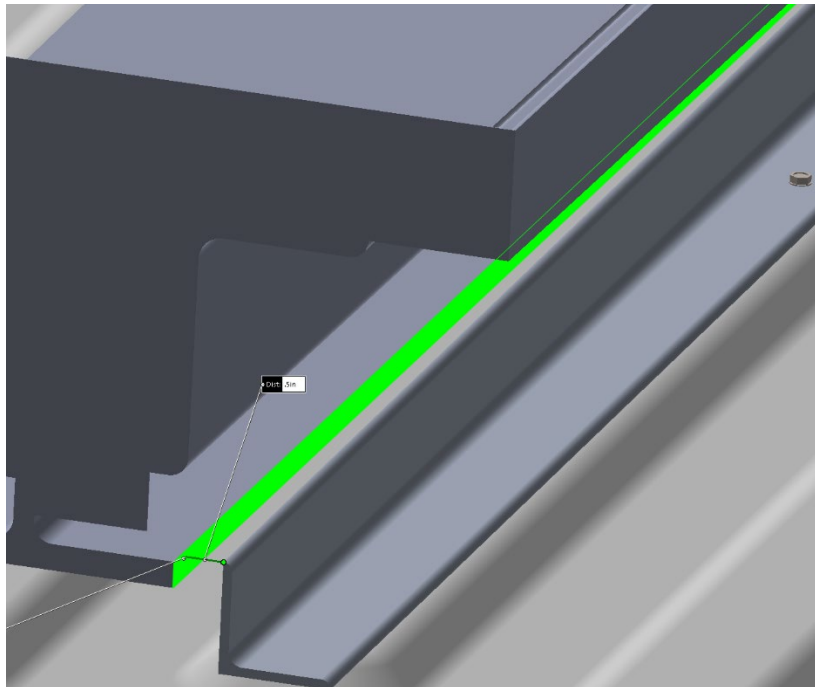


Figure 41-Aluminum Guard Rail Install (Transit Side Door)

# Aluminum Slide Out and Stationary Units

Aluminum slide units are stationary units that may or may not have drawers on drawer slides. Aluminum units do not have the EBL/EB architecture with the three telescoping slides.



*Figure 42-Example of Aluminum Slide Out.*

Mounting hardware will vary based upon the year, make and model of your vehicle as well as the type of unit ordered. The mounting hardware will be bolted to the bottom of the shipping pallet.

Before drilling, make sure to align your unit in the vehicle so that:

- The mounting points on the unit sit on a flat level surface.
- There are no obstructions such as fuel tanks, fuel lines, wiring, etc. under the vehicle where the holes will be drilled.
- There is enough space under the vehicle for any provided anchor plates.
- There is enough space to tighten the mounting bolts and nuts.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

# If Your Vehicle Is Not Listed in the Instructions

If your specific vehicle was not included in our instructions, refer to the EBL/EB truck installation instructions as a generic reference for installation. Before drilling, make sure to align your unit in the vehicle so that:

- There are no obstructions such as fuel tanks, fuel lines, wiring, etc. under the vehicle where the holes will be drilled.
- There is enough space for the anchor plates,
- There is tool access to all mount hardware above and below the vehicle.

**USE GREAT CARE WHEN DRILLING TO AVOID DAMAGE TO FUEL TANK, FUEL LINES, HEAT SHIELD, AND ALL OTHER COMPONENTS.**

# Trouble Shooting

## The Unit is Not Fully Extending

1. Check the bearing tracks for any fallen-on debris and clean as needed.
2. Check to see if any items bolted to the deck of the Extendedbed are impeding one of the frames from being extended.
3. Check to see if the lock rod is being turned enough so that the lock teeth are clearing the lock stop.

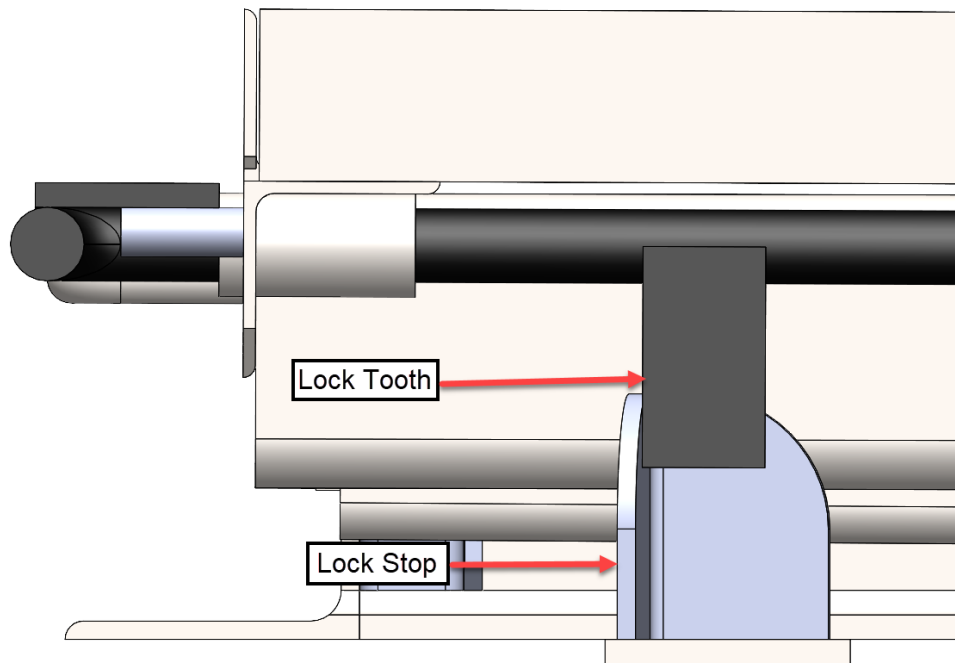


Figure 43-Lock Stop Diagram

4. Unlock the unit and slightly extend it to approximately  $\frac{1}{4}$  distance of its full extension. Using the handle, shake the Transfer and Cargo frame back and forth. This will help realign the frames if they have become skewed.

## It Takes a Lot of Effort to Extend the Unit (Stiction during travel)

1. Check the bearing tracks for any fallen-on debris and clean as needed.
2. Check to see if any items bolted to the deck of the Extendedbed are dragging on one of the frames causing substantial friction.
3. Unlock the unit and slightly extend it. Using the handle, shake the Transfer and Cargo frame back and forth. This will help realign the frames if they have become skewed.
4. Check the UHMW strips on the sides of the frames. If there are deep scratches the UHMW strips may need to be switched for thinner ones.
5. Un-nest the unit and inspect the bearings.



# Appendix A- Complete Hardware List

## EBL Units

### Trucks

#### **Included Hardware:**

- (2) Anchor plates
- (2) Pleat spacers
- (2) ½”-13x 2” Grade 8 bolts
- (4) ½” Split lock washers
- (4) ½” Flat washers
- (4) ½” Nuts
- (1) Tailgate shim and hardware (See Figure 3 for quantities)

### SUV's

#### *GMC/Chevrolet*

#### Yukon/ Tahoe/ Yukon XL/ Suburban- 3<sup>rd</sup> Row Removed

#### **Included Components:**

- (1) Extendedobed Light (EBL) sliding platform assembly
- (2) Vehicle specific mounting brackets:
  - (1) Cab end mounting foot- This section of the mount bracket utilizes the existing 3<sup>rd</sup> row seat mounting locations and hardware.
  - (1) Tailgate end mounting foot- To install this section of the mount bracket, the installer will need to penetrate the sheet metal.

#### **Included Hardware:**

#### Tailgate End Mounting to Vehicle Sheet Metal

- (4) ½”-13x 2” Bolts (for tailgate end mounting feet)
- (4) 2” OD Oversized washers (for underneath vehicle)
- (4) ½” Split lock washers
- (4) ½” Nuts

Tailgate End Mounting Bracket to EBL

(2) ½"-13x 1 ¼" Bolts

(4) ½" Standard washers

(2) ½" Split lock washers

(2) ½" Nuts

Cab End Mounting Bracket to EBL

(2) ½"-13x 1 ¼" Bolts

(4) ½" Standard washers

(2) ½" Split lock washers

(2) ½" Nuts

## *Ford*

### Expedition MAX (Long Wheelbase)

**Included Components:**

(1) Extendedobed (EBL) sliding platform assembly

(1) Vehicle specific mounting Bracket

**Included Hardware:**

Mounting Bracket to Vehicle Floor:

(4) ¼"-20 PlusNut

(4) ¼"-1" Bolts

(4) ¼" Split lock washers

(4) ¼" Flat washers

EBL to Mount Bracket

(4) ½"-13x 1 ½" Bolts

(4) ½" Standard washers

(4) ½" Split lock washers

(4) ½" Nuts

## Expedition Short Wheelbase

### Included Components:

- (1) Extendedbed Light (EBL) sliding platform assembly
- (1) Vehicle specific mounting bracket

### Included Hardware:

#### EBL to Mount Bracket

- (4) ½"-13x 1 ½" Bolts
- (4) ½" Standard washers
- (4) ½" Split lock washers
- (4) ½" Nuts

## Interceptor

### Included Components:

- (1) Extendedbed Light (EBL) sliding platform assembly
- (1) Vehicle specific mounting bracket

### Included Hardware:

#### Tailgate End Mounting to Vehicle Sheet Metal

- (4) ¾"-16x 1 ½" Bolts (for tailgate end mounting feet)
- (4) 1 ¼" OD Oversized washers (for underneath vehicle)
- (4) ¾" Split lock washers
- (4) ¾" Nuts

#### Tailgate End Mounting Bracket to EBL

- 4) ½"-13x 1 ½" Bolts
- (4) ½" Standard washers
- (4) ½" Split lock washers
- (4) ½" Nuts

#### Cab End Mounting Bracket to EBL

- (2) ½"-13x 1 ½" Bolts
- (2) ½" Standard washers

(2) Split lock washers

(2) ½” Nuts

#### Cab-End Mounting Bracket to X-Bar

(2) ¾” -16 U-Bolt, 11/16 ID

(4) ¾” Nuts

## Dodge

### *Durango*

#### **Included Components:**

(1) Extended Light (EBL) sliding platform assembly

(2) Vehicle specific mounting brackets:

(1) Cab end mounting bracket

(1) Tailgate end mounting bracket

#### **Included Hardware:**

##### Tailgate End Mounting to Vehicle Sheet Metal

(2) ½”-13x 2” Bolts (for tailgate end mounting feet)

(2) 2” OD Oversized washers (for underneath vehicle)

(2) ½” Split lock washers

(2) ½” Nuts

(2) Anchor plate

##### Cab End Mounting to Vehicle Sheet Metal

(2) ½”-13x 2” Bolts (for tailgate end mounting feet)

(2) 2” OD Oversized washers (for underneath vehicle)

(2) ½” Split lock washers

(2) ½” Nuts

##### Tailgate End Mounting Bracket to EBL

(4) ½”-13x 1 ¼” Bolts

(4) ½” Split lock washers

(4) ½" Nuts

Cab End Mounting Bracket to EBL

(2) ½"-13x 1 ¼" Bolts

(2) ½" Split lock washers

(2) ½" Nuts

(2) ½"-1 ¾" Bolts

(2) ¾" Split lock washers

(2) ¾" Nuts

## EB Units

### Trucks

#### Included Hardware:

(2) Anchor plates

(2) ½"-13x 2" Grade 8 bolts

(2) ½"-13x 1 ½" Grade 8 bolts

(4) ½" Split lock washers

(4) ½" Flat washers

(4) ½" Nuts

(6) Self tapping screws (3 on each side)

(2) Aluminum guard angles

## GM Savannah/Express

### 135" and 155" Wheelbase

#### Included Hardware:

(2) Anchor plates

(2) ½"-13x 2" Grade 8 bolts

(2) ½"-13x 1 ½" Grade 8 bolts

(4) ½" Split lock washers

(4) ½" Flat washers

(4) ½" Nuts

## Ford Transit Vans

### 130" and 148" Wheelbase

#### **Included Hardware:**

(2) Anchor plates

(2) ½"-13x 2" Grade 8 bolts

(2) ½"-13x 1 ½" Grade 8 bolts

(4) ½" Split lock washers

(4) ½" Flat washers

(4) ½" Nuts

#### Ford Transit Side Door

#### **Included Hardware:**

(2) Anchor plates

(2) ½"-13x 2" Grade 8 bolts

(2) ½"-13x 1 ½" Grade 8 bolts

(4) ½" Split lock washers

(4) ½" Flat washers

(4) ½" Nuts