



IBEX™

PANEL KIT

ASSEMBLY



ASSEMBLY VIDEO

IMPORTANT: To ensure proper assembly, it is critical that you carefully follow each step in the user guide. It is also recommended that you review the Assembly Video and these instructions thoroughly before installing your IBEX™ Panel Kit.

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No Worries Limited Warranty

36

Estimated Completion Time



Full Panel Kit Assembly:

4 Hours

Important Notes & Tips

- 1 The assembly of this product is considered difficult, with an estimated completion time of four hours. Follow the steps in this guide very carefully to ensure proper installation. For a professional build, we recommend contacting an automotive accessory specialist.
- 2 Assemble your IBEX™ Panel Kit on a flat protected surface.
- 3 At a certain point in the installation process, it is necessary to lift the IBEX™ onto the vehicle. This will require a 2 - 4 person team lift.
- 4 Position the Küat logo on the IBEX™ frame hoop toward the rear of the vehicle.
- 5 Check the tightness of all bolts once finished with the installation, and periodically throughout use of the IBEX™ Panel Kit.
- 6 The IBEX™ Panel Kit is weather resistant but not waterproof. For enhanced sealing, you may apply silicone on the inside as needed.
- 7 If you are assembling the IBEX™ Bed Rack, please stop at the section titled "**Crossbar Installation**" in the Assembly Guide and begin assembling the Panel Kit. Your IBEX™ frame must be assembled to the point where you have both Driver and Passenger hoops completed, but have not yet installed the crossbars.
- 8 Using power tools can cause damage to your IBEX™ and IBEX™ Panel Kit



SAFETY INSTRUCTIONS

IBEX™

PANEL KIT

WARNING

- Follow instructions for proper assembly, installation and use.
- Check tightness of all bolts and screws periodically.
- Make sure rack is in working condition before each use.
- Do not exceed the weight limits intended for this rack.
 - 1,200 lb. static weight capacity
 - 300 lb. dynamic weight capacity
- The Roof Panel is non-load bearing. Refer to the IBEX™ frame User Guide for static & dynamic weight limits for the crossbars.
- This product is not designed for and should not be used on terrain which requires aftermarket upgrades to your 4WD suspension, or use that includes rock-crawling, jumping, bogging, or high speed off road driving. An experienced overland driver is required to take into consideration the speed of the vehicle and the total weight of the vehicle load and its distribution when encountering rutted and/or rocky terrain when using this product, and must reduce the load, speed, or both as necessary.
 - Smooth gravel roads are not considered off-road.
- Do not leave animals or children unattended inside the enclosed IBEX™ system.

ADVERTENCIAS

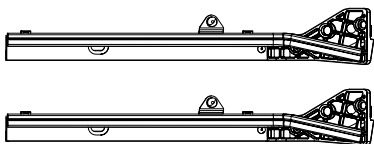
- Siga las instrucciones para un montaje, instalación y uso
- Verifique periódicamente el apriete de todos los pernos y tornillos.
- Asegúrese de que el portaequipajes estén en buenas condiciones antes de cada uso.
- No supere los límites de peso previstos para este bastidor.
 - Capacidad de peso estático de 544kg
 - Capacidad de peso dinámico de 136kg
- El panel del techo no soporta carga. Consulte la Guía del usuario del marco IBEX™ para conocer los límites de peso estático y dinámico de las barras transversales.
- Este producto no está diseñado y no debe usarse en terrenos que requieran mejoras de posventa en su suspensión 4WD, o uso que incluya arrastrarse por rocas, saltar, hacer bogging o conducir a alta velocidad fuera de la carretera. Se requiere que un conductor terrestre experimentado tenga en cuenta la velocidad del vehículo y el peso total de la carga del vehículo y su distribución cuando encuentre terreno con baches y/o rocoso al usar este producto, y debe reducir la carga, la velocidad o ambas según sea necesario. necesario.
 - Los caminos de ripio liso no se consideran fuera de la carretera.
- No deje animales ni niños desatendidos dentro del sistema IBEX™ cerrado.

ADVERTISSEMENTS

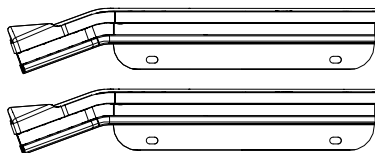
- Suivez les instructions pour un assemblage, une installation et une utilisation appropriés.
- Vérifiez périodiquement le serrage de tous les boulons et vis.
- Assurez-vous que le porte-bagages sont en bon état de fonctionnement avant chaque utilisation.
- Ne dépassez pas les limites de poids prévues pour ce rack.
 - Capacité de poids statique de 544kg
 - Capacité de poids dynamique de 136kg
- Le panneau de toit n'est pas porteur. Reportez-vous au guide de l'utilisateur du cadre IBEX™ pour connaître les limites de poids statiques et dynamiques des barres transversales.
- Ce produit n'est pas conçu et ne doit pas être utilisé sur des terrains qui nécessitent des mises à niveau de rechange de votre suspension 4WD, ou une utilisation qui inclut l'escalade de roches, les sauts, les embourbages ou la conduite hors route à grande vitesse. Un conducteur terrestre expérimenté doit prendre en considération la vitesse du véhicule et le poids total de la charge du véhicule ainsi que sa répartition lorsqu'il rencontre un terrain accidenté et/ou rocheux lors de l'utilisation de ce produit, et doit réduire la charge, la vitesse ou les deux selon le cas. nécessaire.
 - Les routes en gravier lisse ne sont pas considérées comme hors route.
- Ne laissez pas d'animaux ou d'enfants sans surveillance à l'intérieur du système IBEX™ fourni.

Parts & Tools

Front Panel, Roof Panel, Rear Door



(2) Rear Frame Gusset



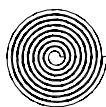
(2) Front Frame Gusset



(2) Gas Strut



(2) Key



Weather Stripping



Front Foam



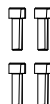
(2) Zip Tie



(4) M6 x 16 Bolt



(8) M6 x 10 Bolt



(4) M8 x 25 Bolt



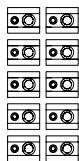
(6) M8 x 14 Bolt



(10) M8 Washer



(4) 6mm Washer



(10) Locking T-Nut



Measuring Tape



3mm Hex Key



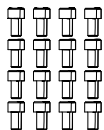
5mm Hex Key



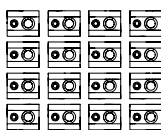
6mm Hex Key

Parts & Tools

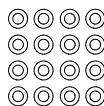
Side Doors



(16) M8 x 14 Bolt



(16) Locking T-Nut



(16) M8 Washer



(1) 3mm Hex Key



(1) M6 Hex Key



(2) Key



(1) Lock Core Removal Key

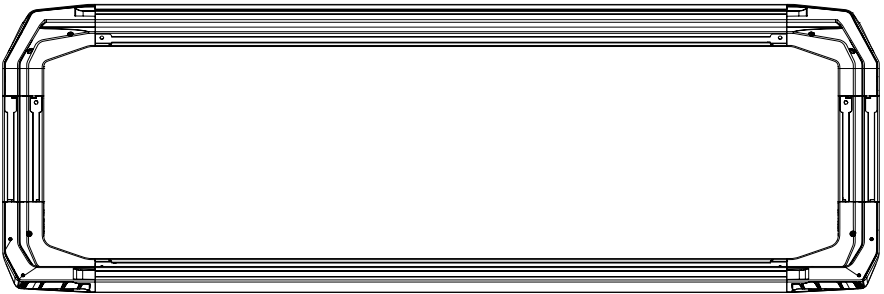
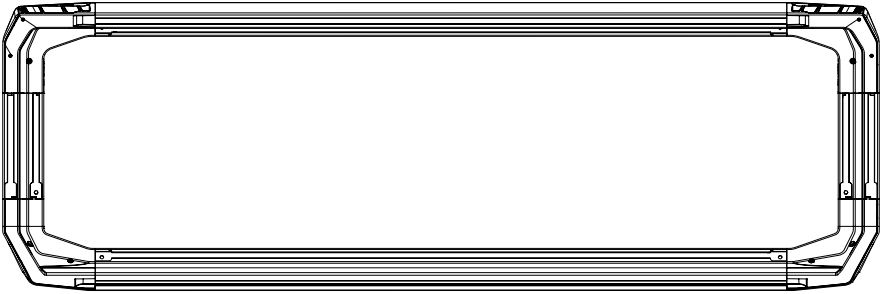


(1) Extra Lock Core and Key

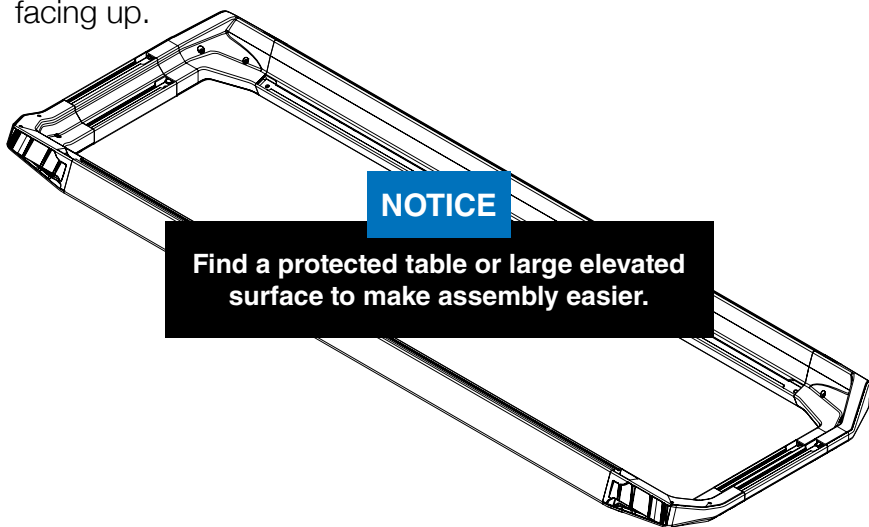
Door Panel Assembly

- 1 Disassemble your current IBEX™ frame into Driver and Passenger Side Hoops.

Set your Front and Rear Crossbars to the side.



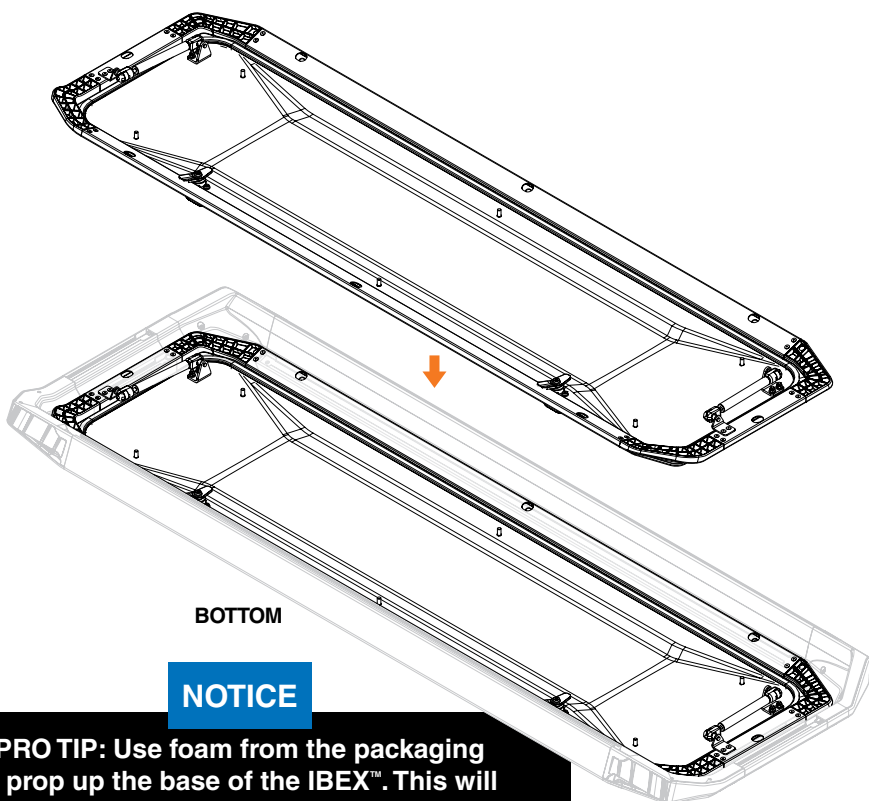
- 2 Lay the Passenger Side IBEX™ Frame on it's side, t-channel side facing up.



NOTICE

Find a protected table or large elevated surface to make assembly easier.

- 3 Lay the Door Panel into the IBEX™ Frame with door latches oriented toward the bottom. Make sure the Door Panel is fitted into the proper channels.

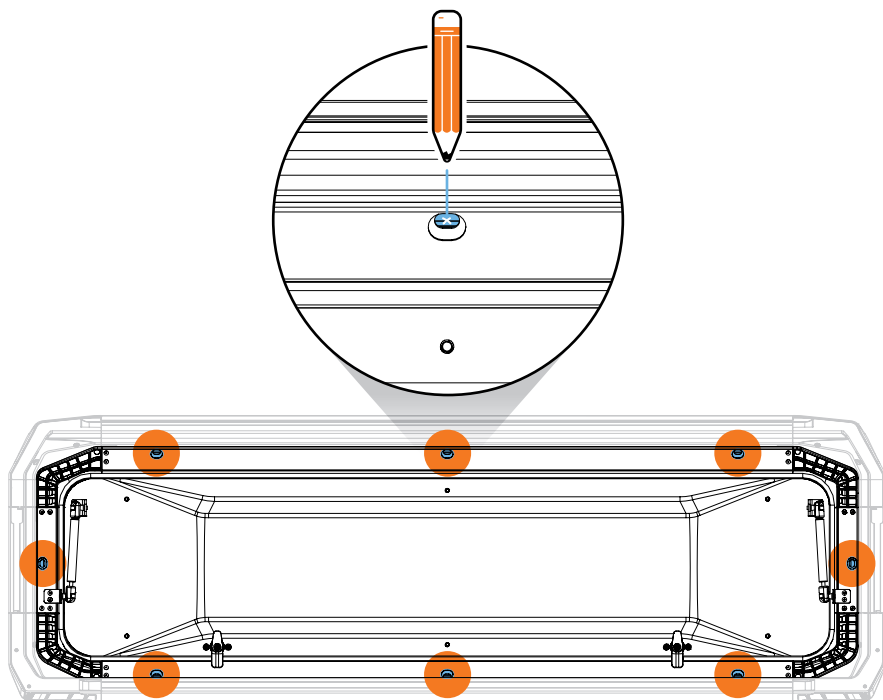


BOTTOM

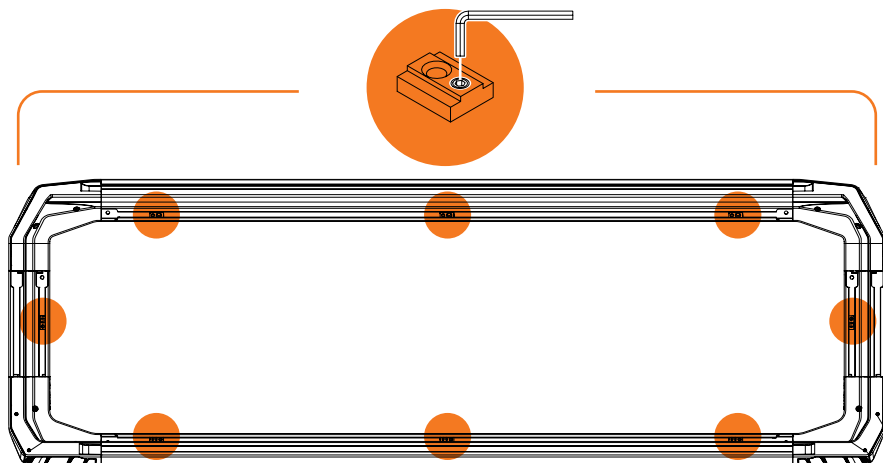
NOTICE

PRO TIP: Use foam from the packaging to prop up the base of the IBEX™. This will make room underneath for the Panel Kit handles.

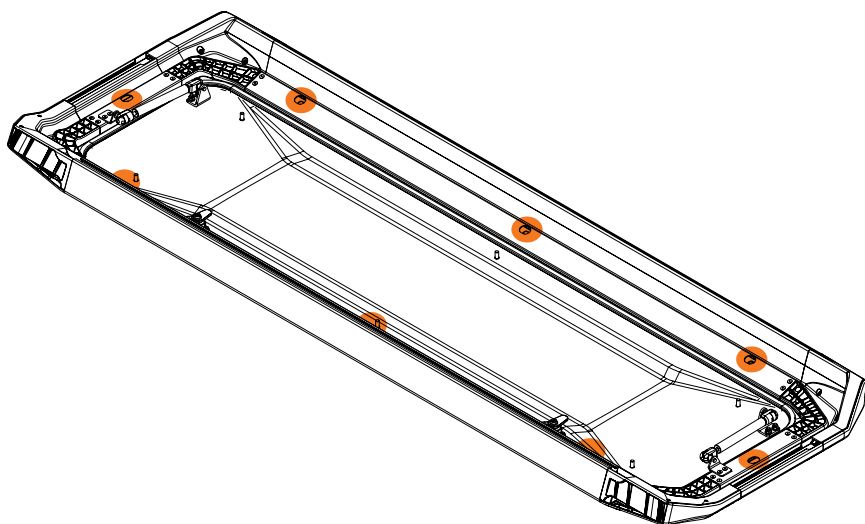
- 4 With Door Panel in place, mark the Hole locations on the IBEX™ Frame with a Pencil or Pen.



- 5 Remove the Door Panel and slide (8) T-Nuts into the appropriate T-Channels, ensuring each T-Nut is aligned with previously marked locations. Once T-Nuts are aligned, tighten Set Screw using the 3mm Allen Wrench.



- 6 With T-Nuts in place, position the Door Panel into the IBEX™ Frame again. Double check that each bolt hole now has a T-Nut beneath it.



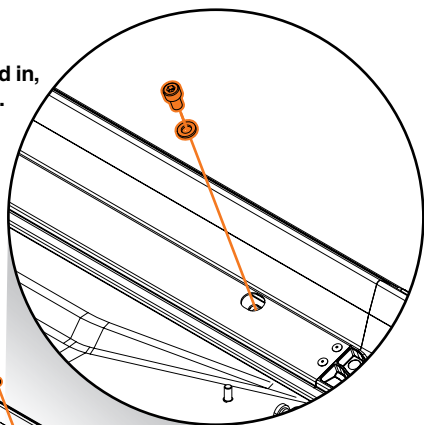
- 7 Fasten (8) Bolts into the previously placed T-Nuts using the 6mm Allen Wrench. Ensure each bolt is threaded in before tightening.

CAUTION

Once all bolts are threaded in, torque each bolt to 21 Nm.

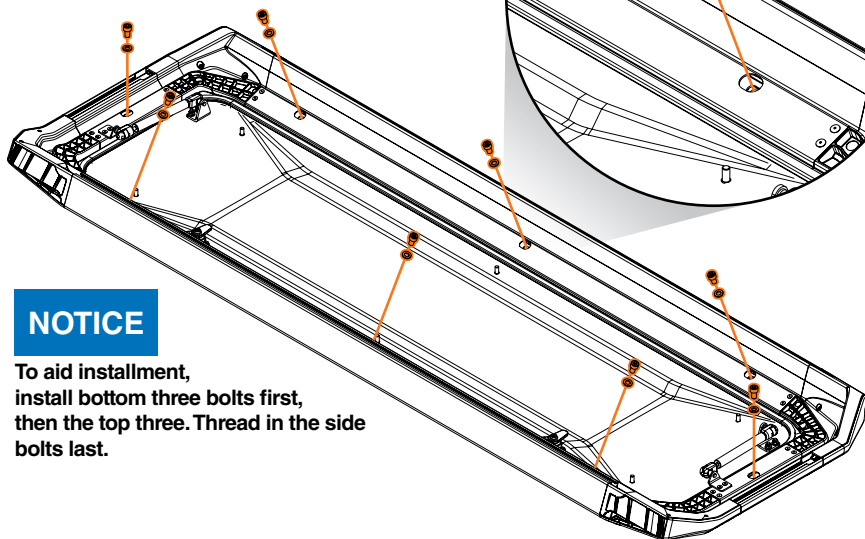
NOTICE

Pro Tip: Keep a magnet on hand in case washers become loose in the door frame.



NOTICE

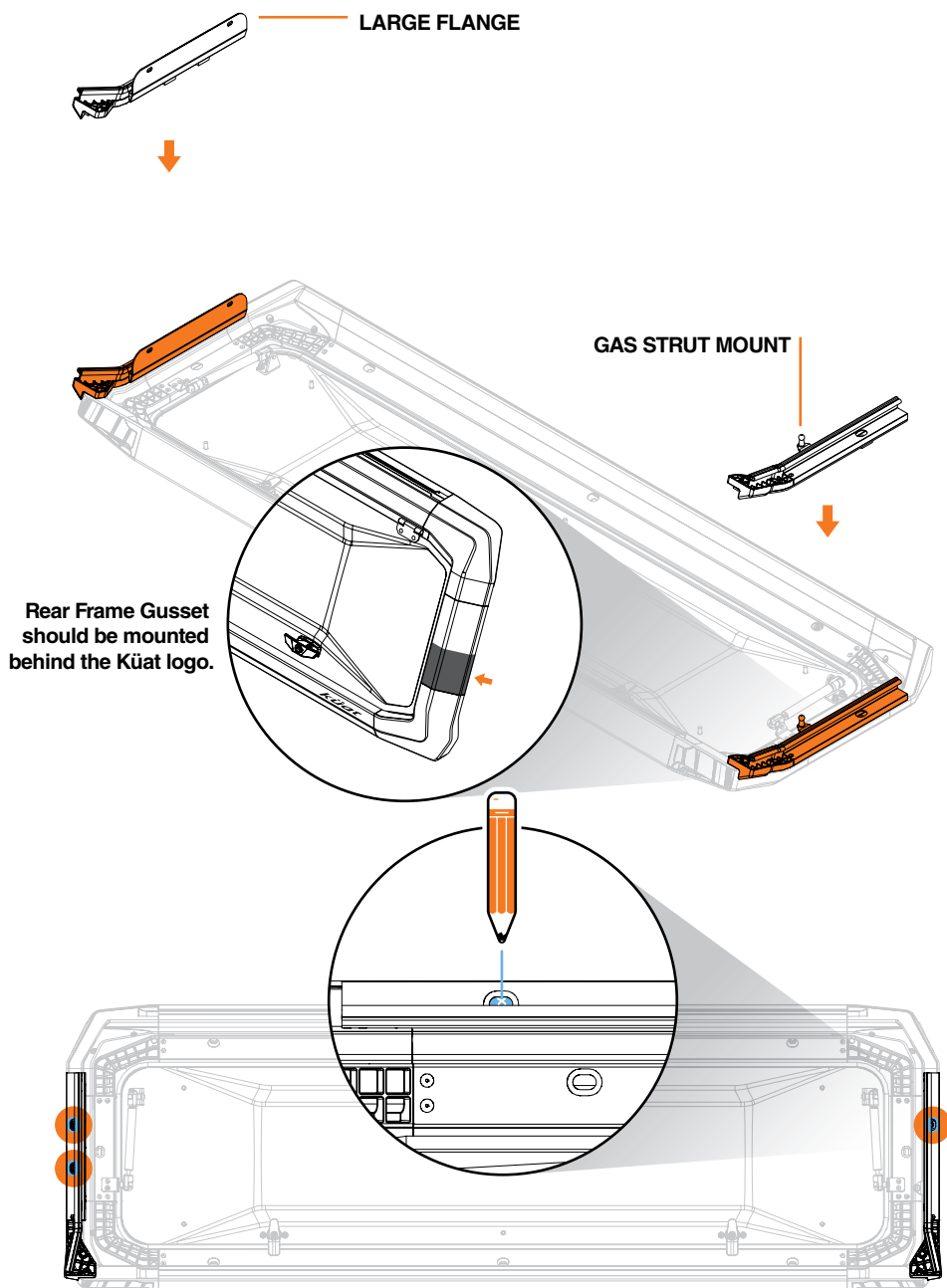
To aid installment, install bottom three bolts first, then the top three. Thread in the side bolts last.



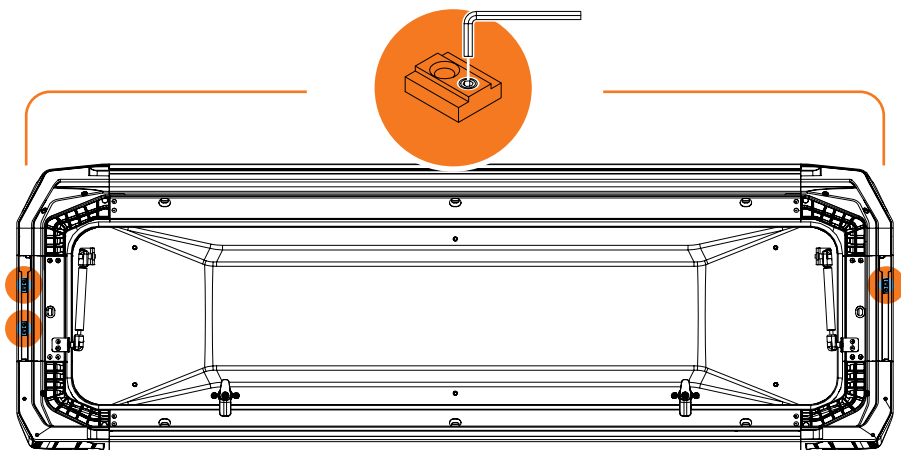
- 8 With Door Panel Installed, place Front and Rear Frame Gussets onto IBEX™ Frame. Mark all three bolt hole locations with a Pencil.

NOTICE

The Rear Frame Gusset can be identified by the gas strut mount.
The Front Frame Gusset can be identified by the large flange.



- 9 Remove the Front and Rear Frame Gussets and slide (3) T-Nuts into the appropriate T-Channels, ensuring each T-Nut is aligned with previously marked locations. Once T-Nuts are aligned, tighten Set Screw using the 3mm Allen Wrench.

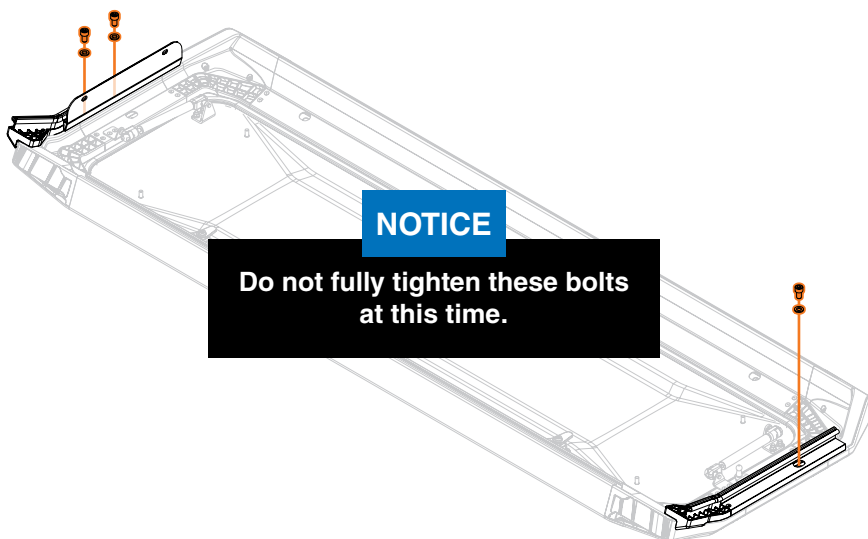


- 10 With T-Nuts in place, re-position Front and Rear Frame Gussets onto IBEX™ Frame again. Double check that each bolt hole now has a corresponding T-Nut beneath it.

Fasten (3) Bolts and (3) Washers through the Front and Rear Frame Gussets and into the previously placed T-Nuts.

NOTICE

The use of Medium Strength Thread Locker is recommended.



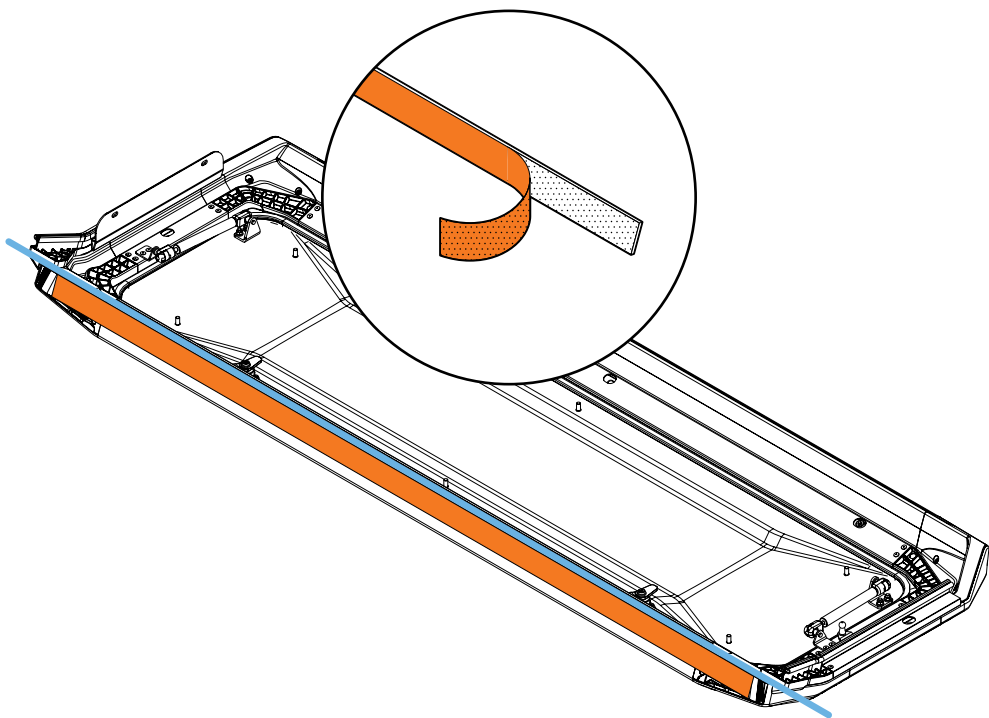
NOTICE

Do not fully tighten these bolts at this time.

- 12** With the IBEX™ Frame Door Panel complete, cut, peel and install Weather Stripping the full length of the bottom of the IBEX™ Frame.

Align the Weather Stripping with the **inside edge**.

The provided roll will be more than enough to cover both frames.



- 13** Repeat Steps 1 through 12 for the Drivers Side frame.

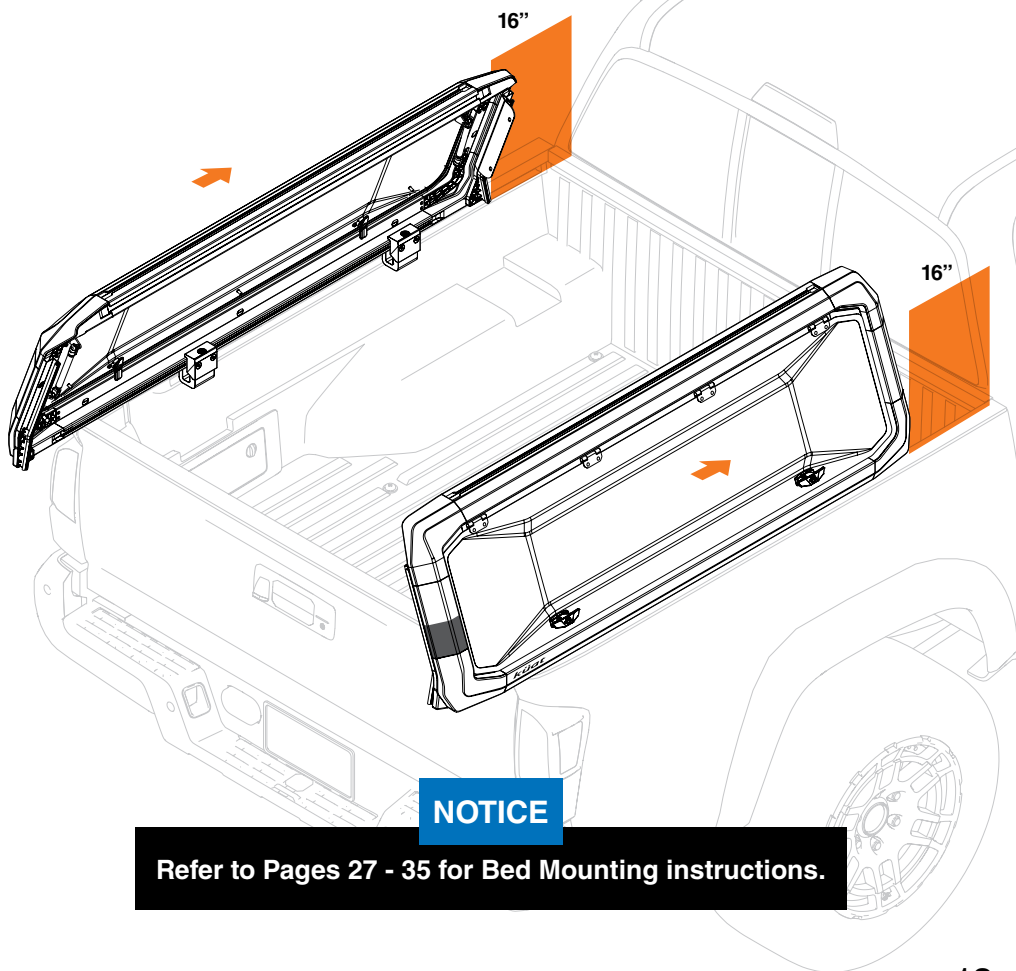
Roof Panel Assembly

- 15 With both Driver and Passenger Side Door Panels completely assembled, loosely install each onto your truck bed rail using the bed mount method best suited for your make and model.

Leave 16" at the front of the cab for front panel installation.

NOTICE

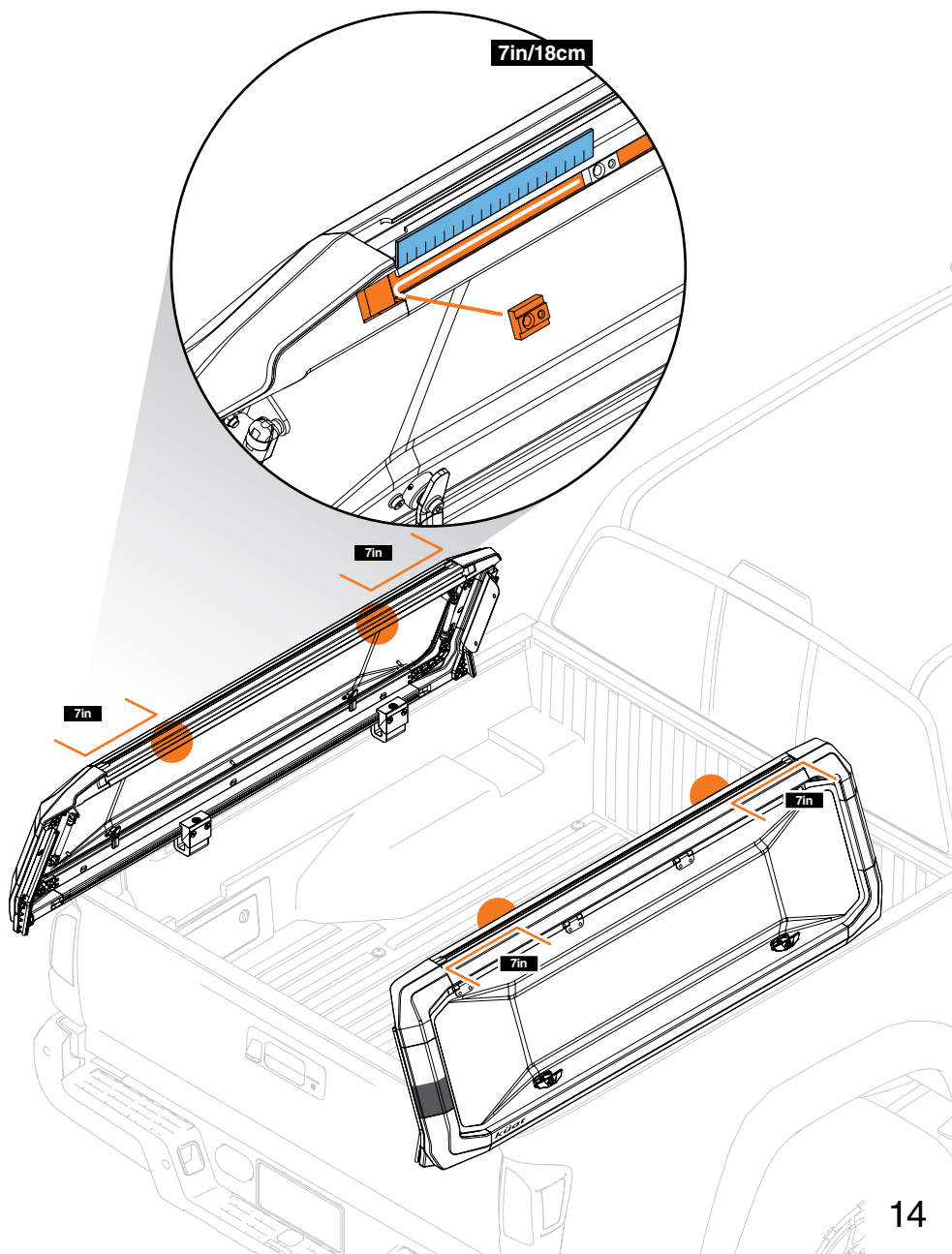
Open the Panel Kit doors to allow easy access to bed mount bolts. Do not fully tighten your IBEX™ Frame bed mounts at this time.



NOTICE

Refer to Pages 27 - 35 for Bed Mounting instructions.

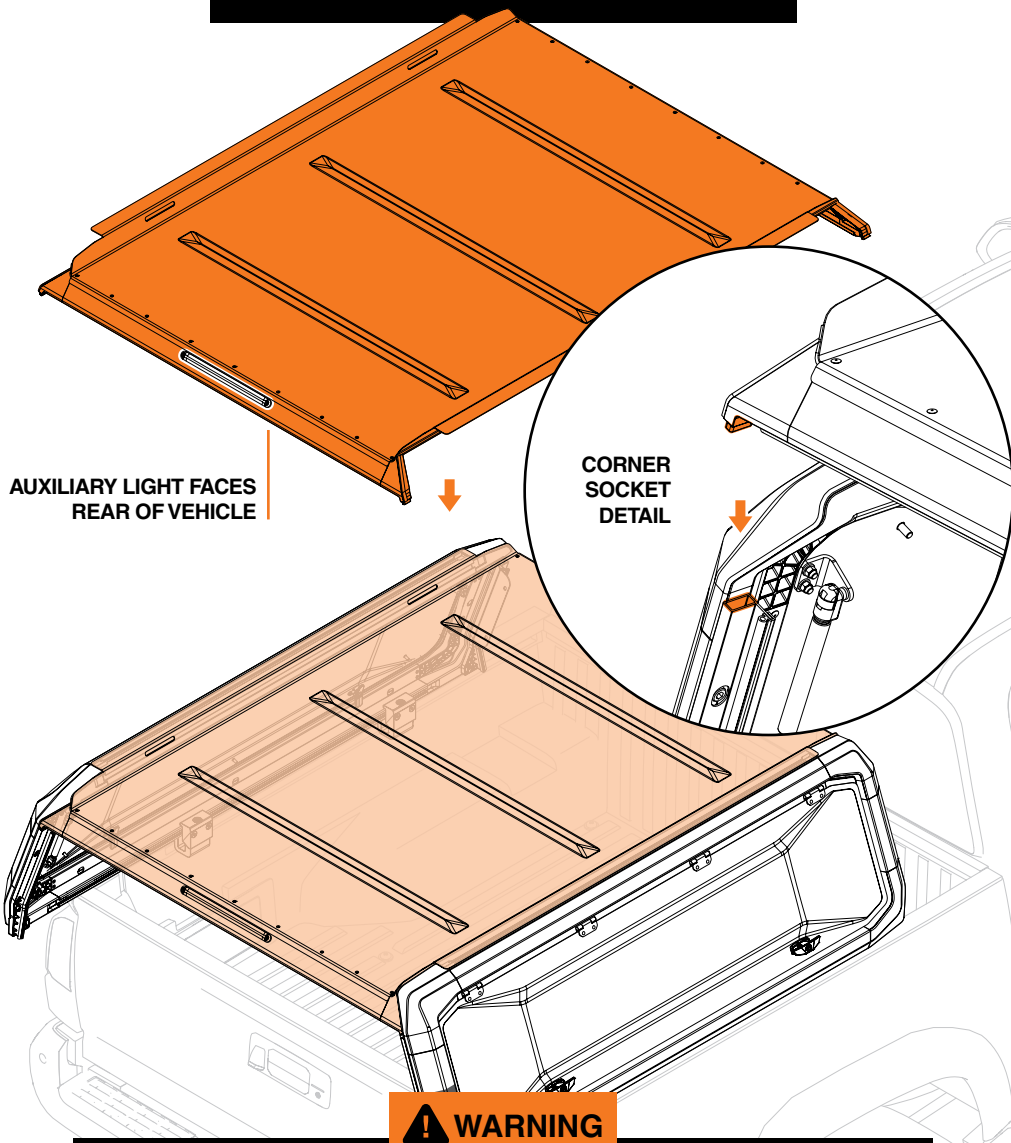
- 16 Slide (4) Crossbar T-Nuts into the interior T-Channel of each IBEX™ Frame. The distance from the T-Channel Mouth to T-Nut hole should be 7 inches. This would place the crossbars directly in the center of the Crossbar opening. Depending on where you would like the crossbars to sit, they can be placed anywhere between 5" and 9". Once T-Nuts are aligned, tighten Set Screw using the 3mm Allen Wrench.



- 17 With T-Nuts in place, install the Roof Panel onto the Driver and Passenger side frames. The Roof Panel will socket into the top of each of the Front and Rear Frame Gussets.

NOTICE

This step may require the help of a friend.

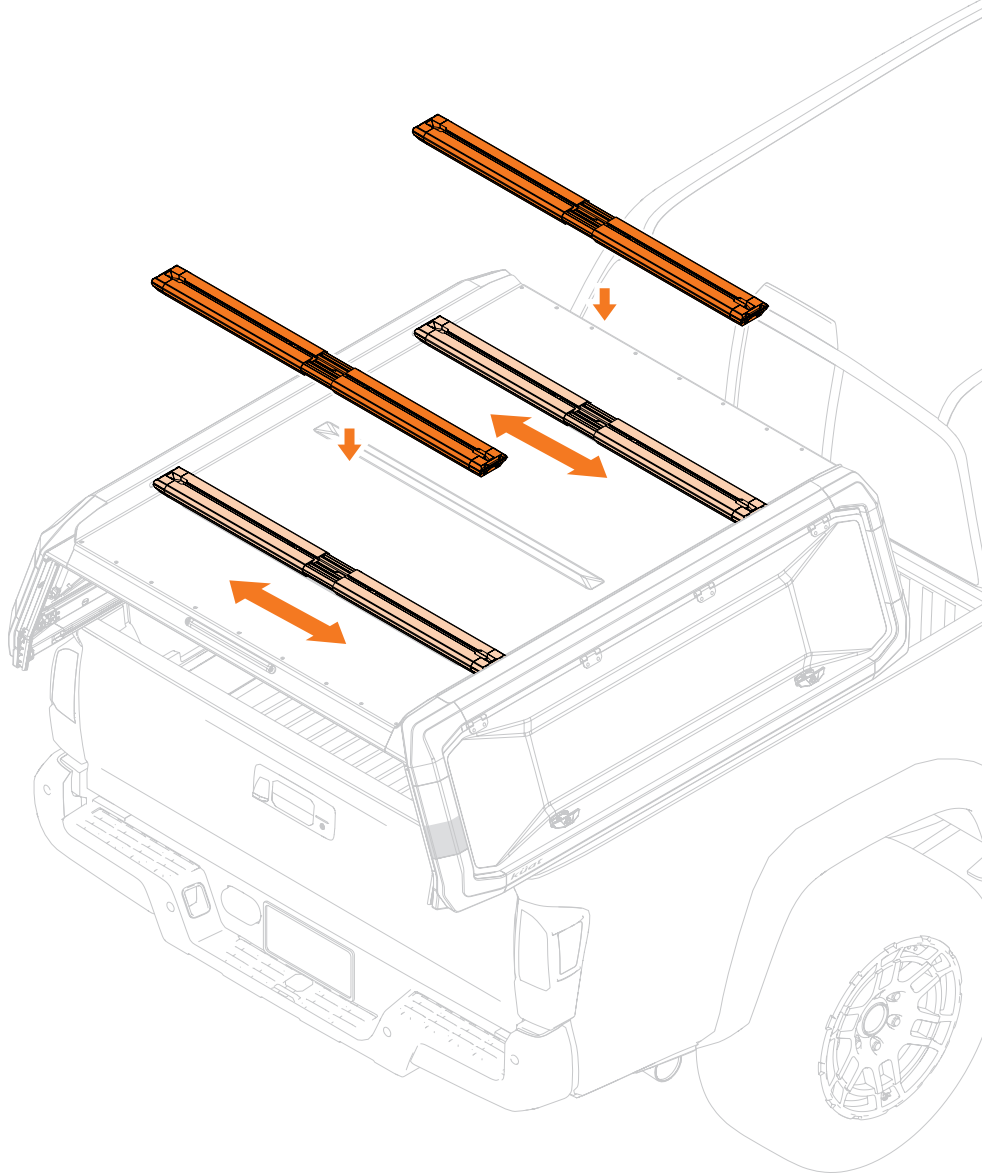


The Roof Panel is non-load bearing. Refer to the IBEX™ frame User Guide for static & dynamic weight limits for the crossbars.

- 18 Place the Front and Rear Crossbars into position, aligning the bolt holes and previously positioned T-Nuts to achieve even spacing between each Crossbar front to back.

NOTICE

Make sure that the orange bolt block at the center of each crossbar is loose to allow for width adjustments. Once crossbars are installed, re-tighten these bolts.



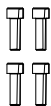
- 19 Install (4) M8 x 25 Bolts and (4) Washers into Crossbar T-Nuts.

NOTICE

Leave the Crossbar Bolts loose until the installation of the Front Panel Assembly. See steps 19 and 20.

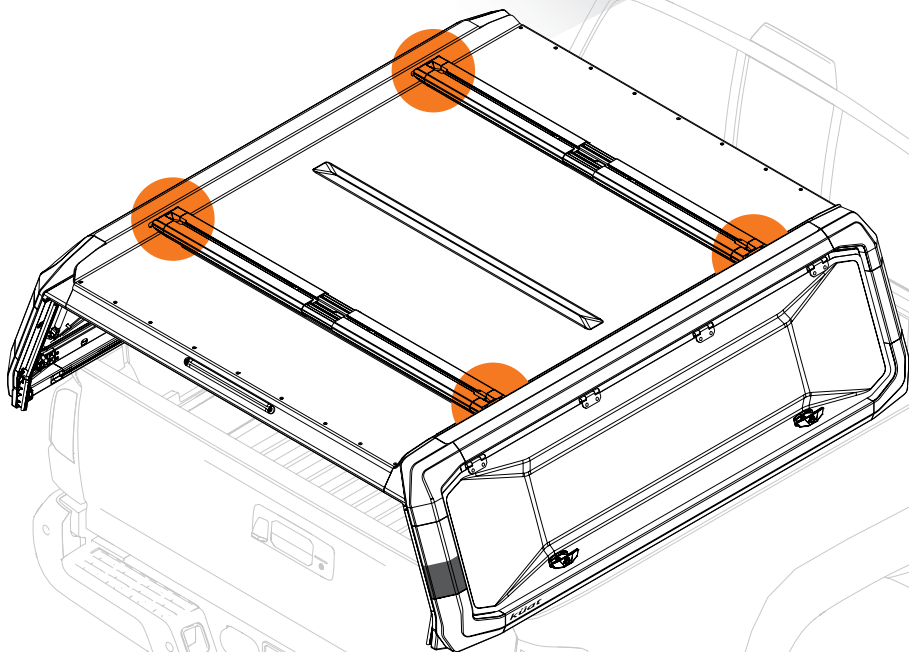
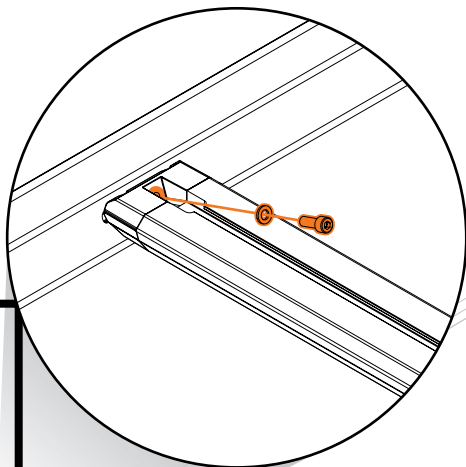
NOTICE

Ensure the Crossbar Bolts used are M8 x 25 bolts included in the **IBEX™ Panel Kit**.



Do **not** re-use the original bolts that are included with the IBEX™ frame. Those bolts will not fit.

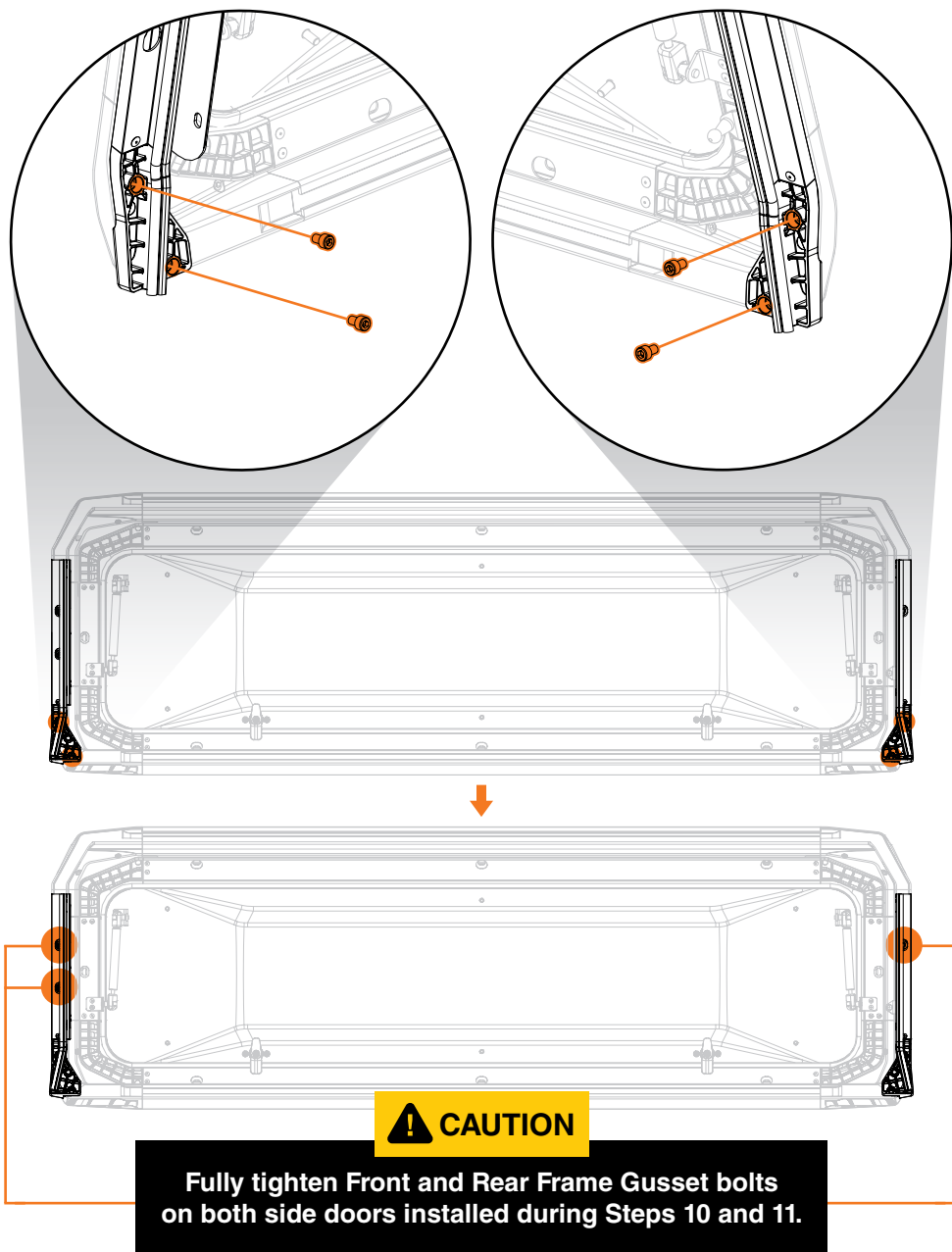
(4) M8 x 25 Bolt



- 20 With T-Channel Bolts secured, fasten (4) Bolts through the Front and Rear Frame Gussets and into the IBEX™ Frame corners on on the Driver and Passenger Side.

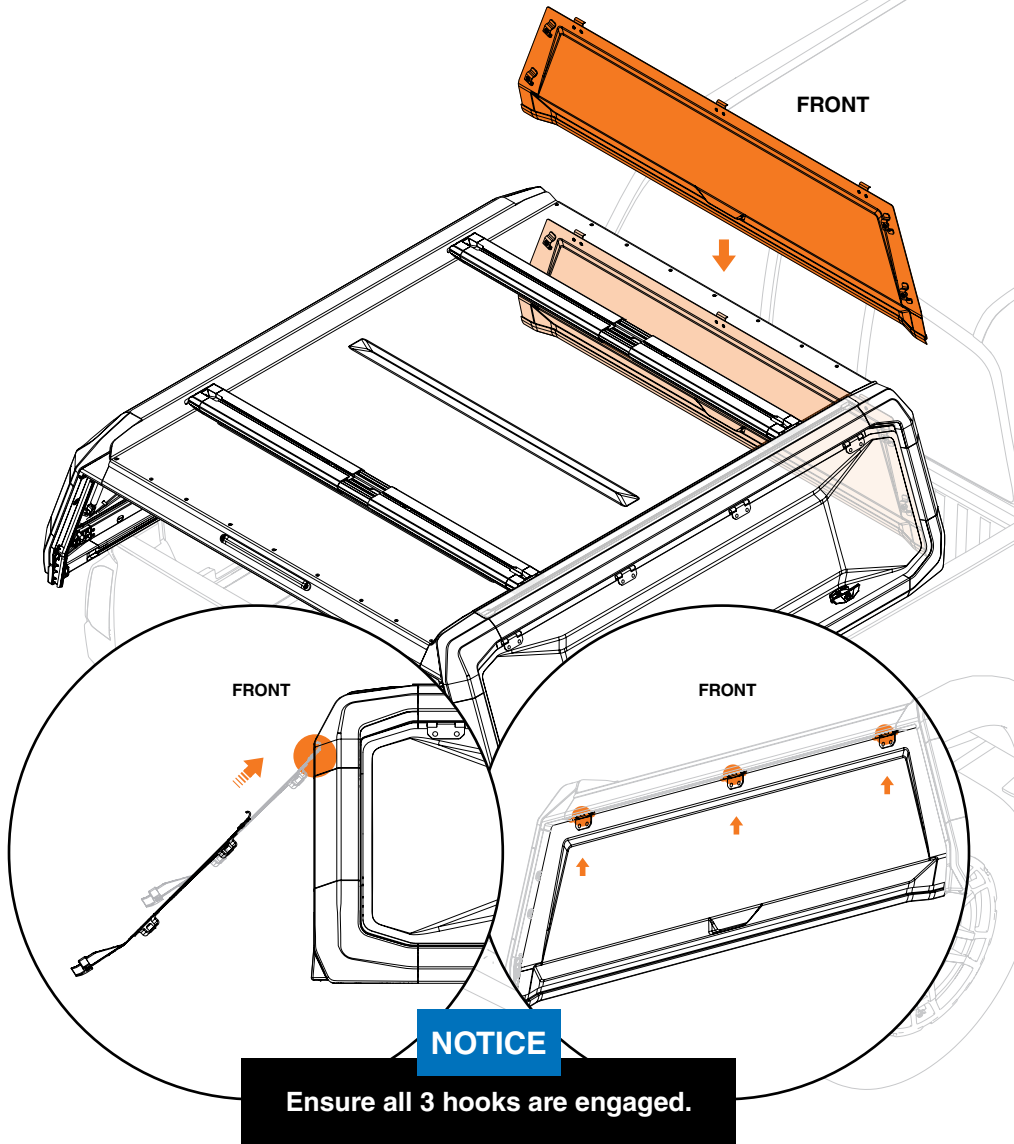
NOTICE

The use of Medium Strength Thread Locker is recommended.



Front Panel Assembly

- 21 Install Front Panel hooks into brackets located on the underside of the Roof Panel by angling the Front Panel 45 degrees and pushing hooks upward into brackets.



- 22 With Front Panel hooked into Roof Panel, secure the Front Gusset from inside the truck bed using (4) M6 x 14 Bolts and (4) M6 Washers.

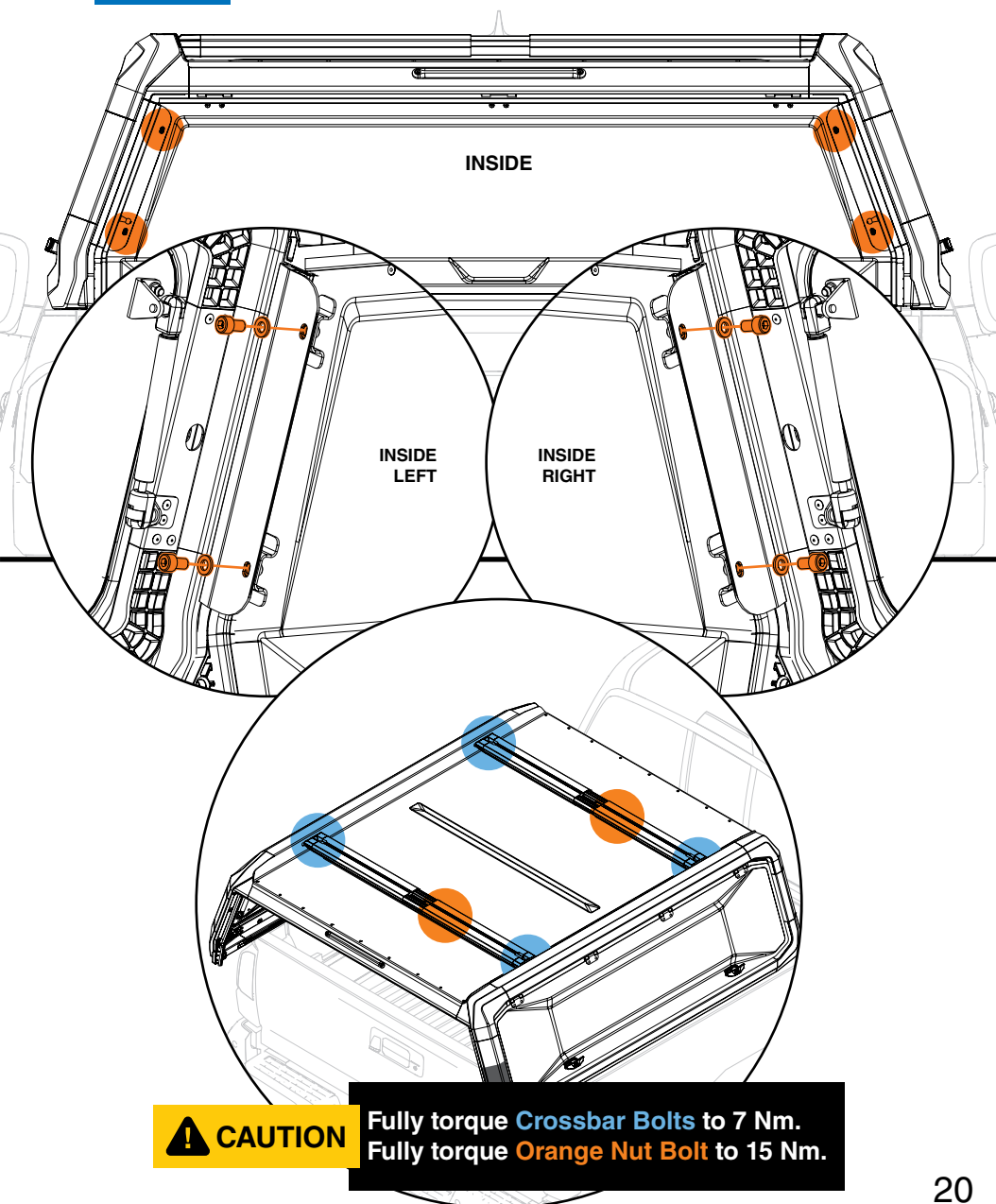


CAUTION

Torque Front Panel bolts to 7 Nm.

NOTICE

The use of Medium Strength Thread Locker is recommended.



CAUTION

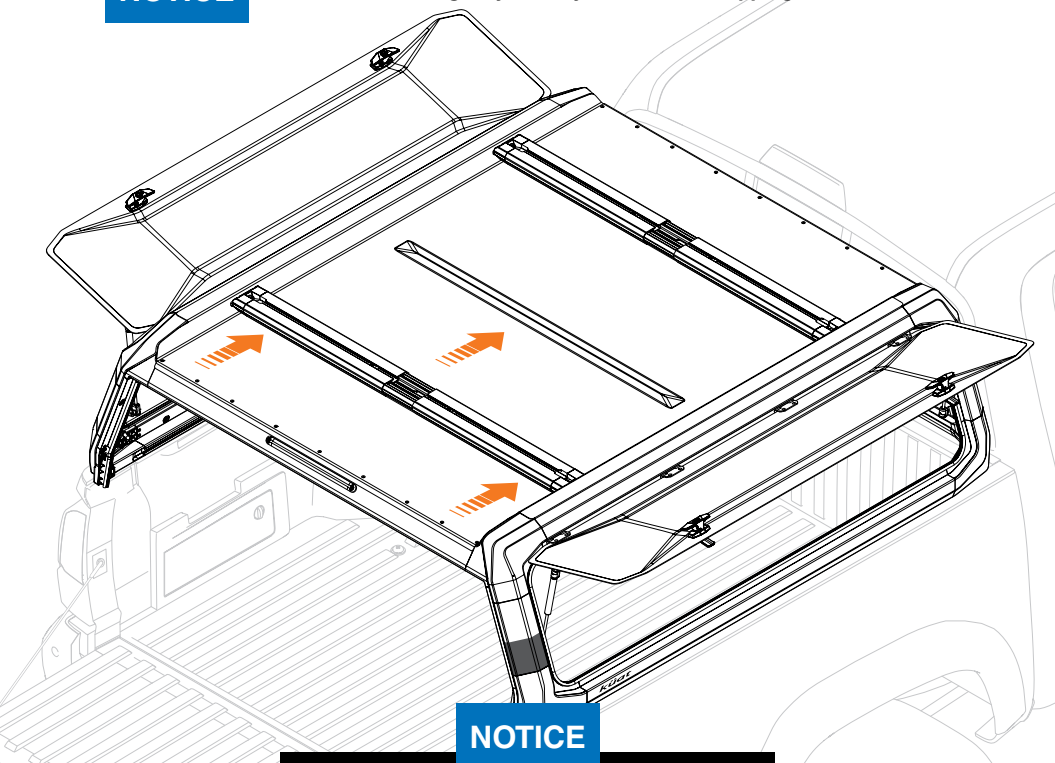
Fully torque **Crossbar Bolts** to 7 Nm.
Fully torque **Orange Nut Bolt** to 15 Nm.

Rear Door Assembly

- 23 Once the Front Panel is installed and secured, lift and move the IBEX™ Frame to the front of the truck cab. Remove the Bed Clamps if necessary to allow free movement forward.

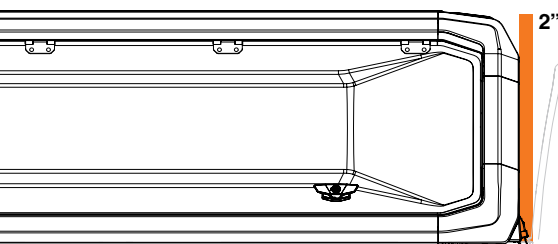
NOTICE

Do not slide. Sliding may destroy the weather stripping.



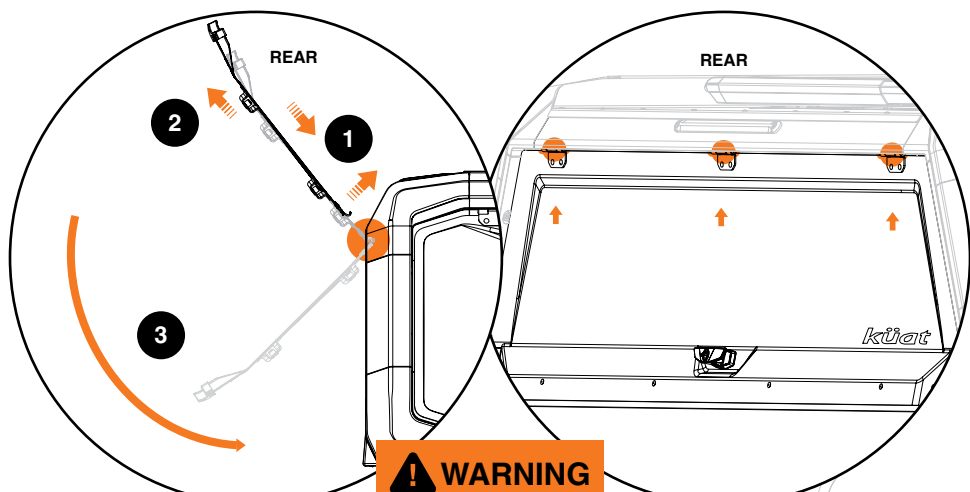
NOTICE

Leave at least 2" of space between IBEX™ Frame and truck cab.



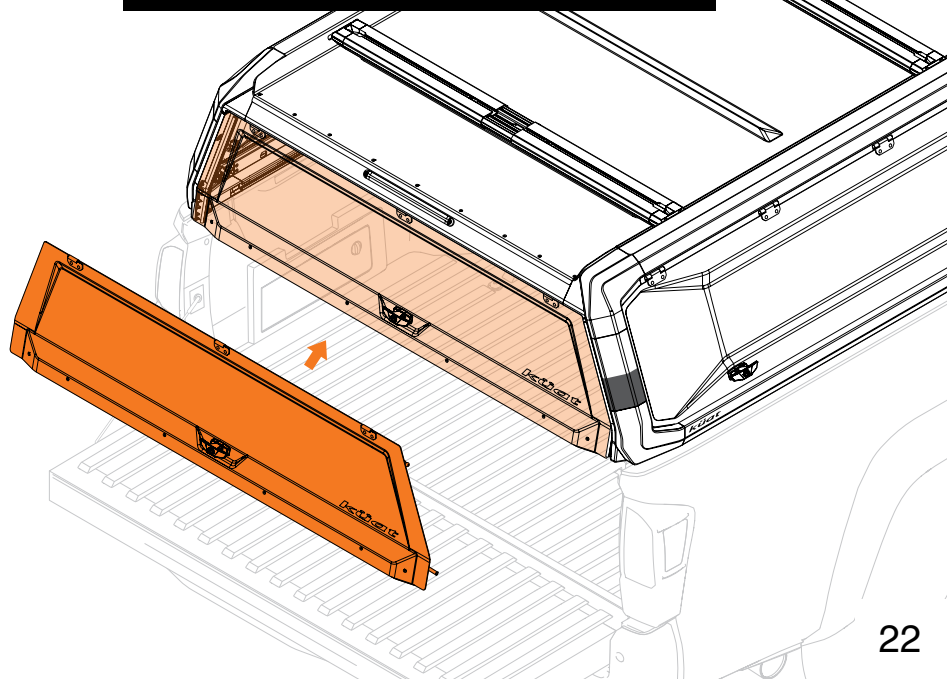
24 Install the Rear Door:

- 1 Insert Rear Door into hooks at a high angle.
- 2 Once the hooks are connected to the brackets, pull outward and upward simultaneously to fully seat the hooks into the brackets.
- 3 Rotate door down.

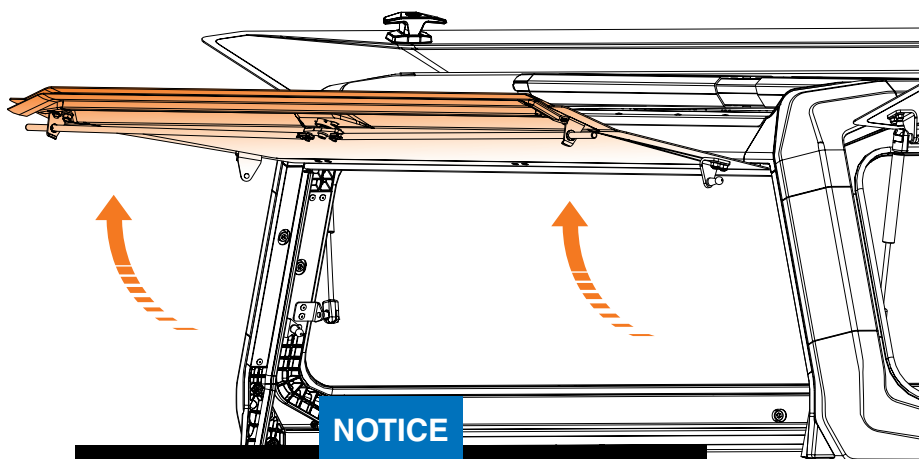


! WARNING

Ensure all 3 hooks are engaged.
Closing the rear panel door without having
hooks fully seated into the brackets
will damage the bracket.



- 25 With Rear Door installed into hooks, raise the rear door up to expose mounting brackets for gas-spring struts.

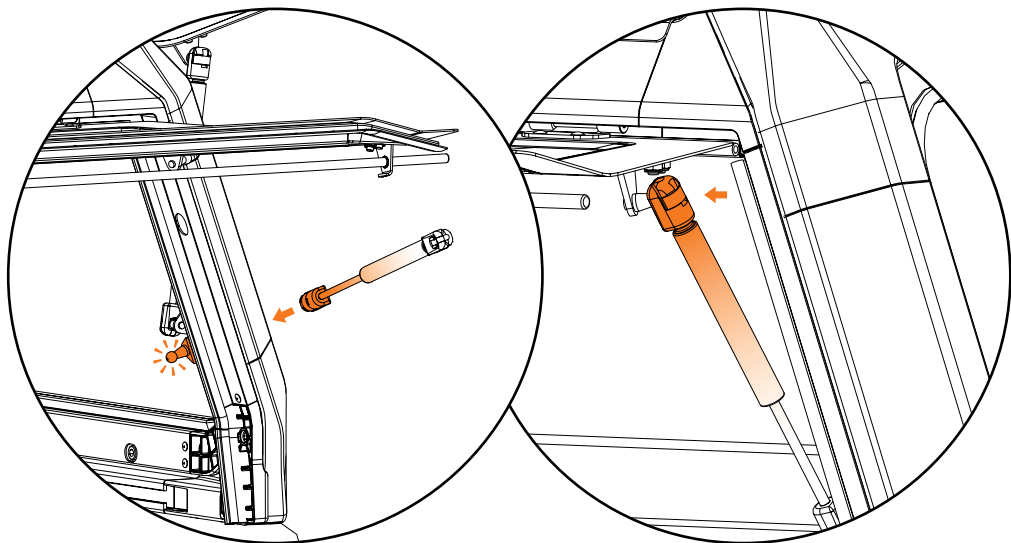


NOTICE

Do not lift the door too far. Doing so without the struts installed may uncouple the hinges.

- 26 Snap the bottom of the Gas Strut onto the bottom pivot ball. With the bottom in place, snap the top of the Gas Strut onto the upper pivot ball.

Repeat for the Gas Strut on the opposite side.



2024+ Toyota Tacoma (Gen 4) Foam Insert

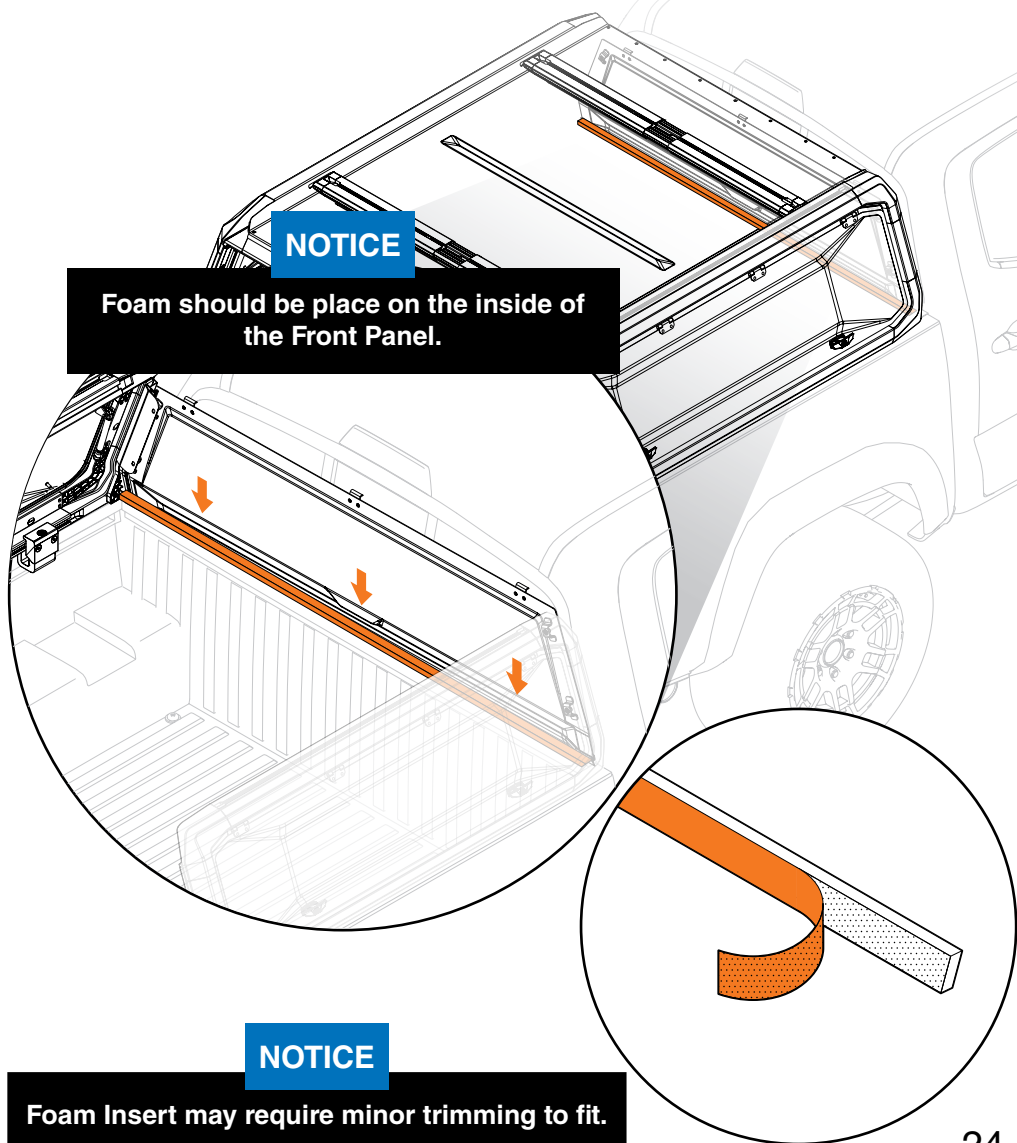
- 14 To aid in weather resistance, owners of the 2024+ Toyota Tacoma will require placement of a provided foam insert. Simply peel and place the provided Foam Insert into the beveled front area of the truck bed.

NOTICE

This step is only required for the 2024+ model year Toyota Tacoma.

NOTICE

Foam should be place on the inside of the Front Panel.



NOTICE

Foam Insert may require minor trimming to fit.

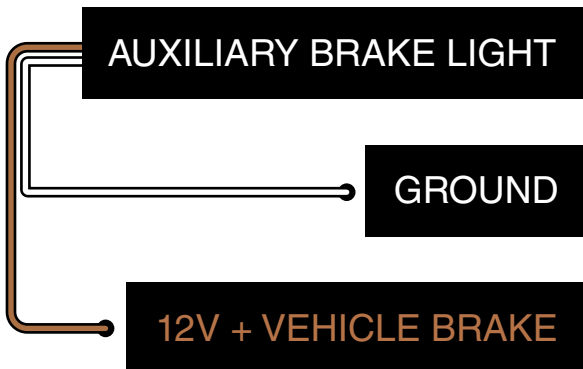
Auxiliary Light Wiring

- 1 We recommend contacting your vehicle manufacturer for specific wiring instructions.
- 2 This accessory should only be attached to 12V electrical systems.
- 3 Periodically check your wiring for proper function of the panel kit auxiliary light.

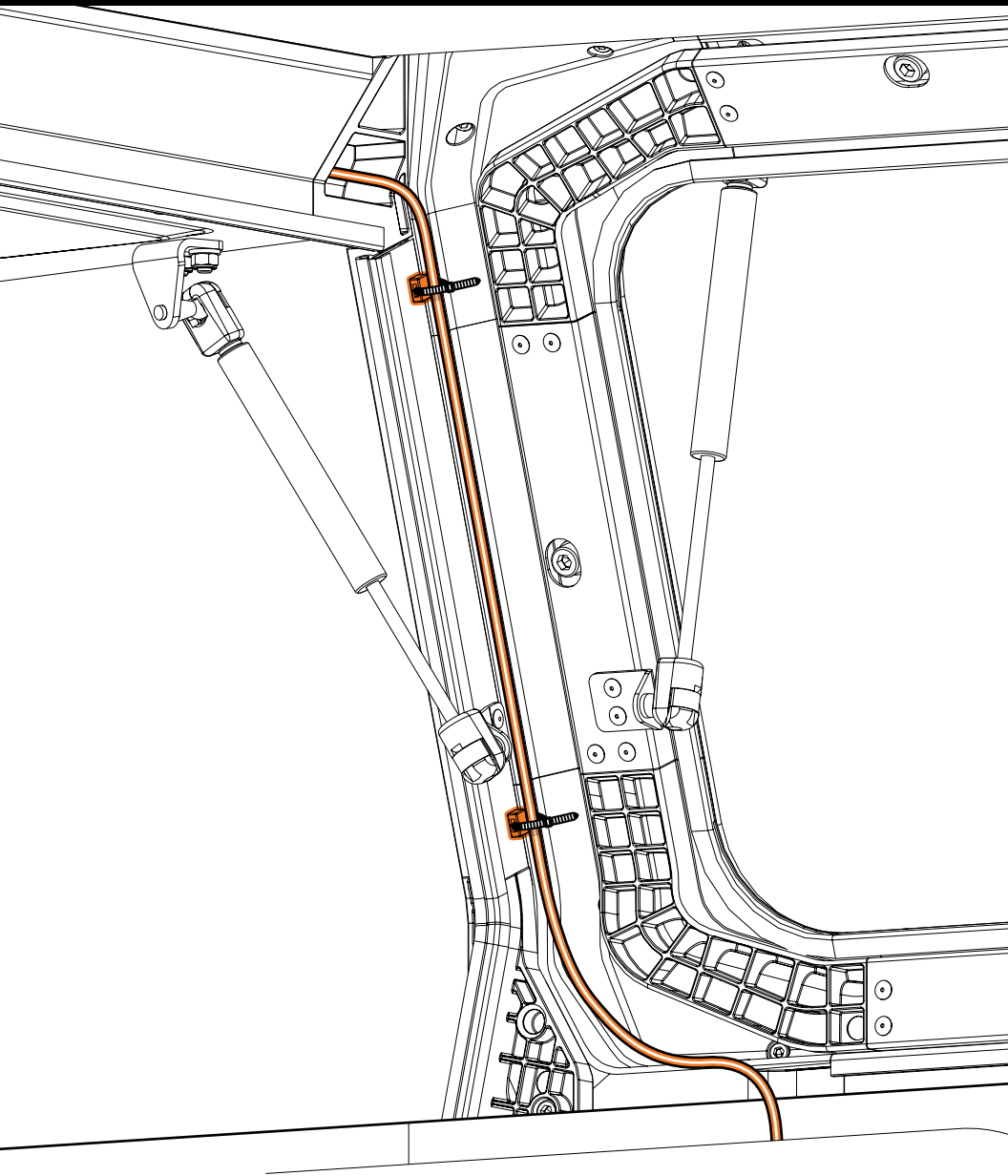
Wiring Diagram



IMPORTANT: Disconnect car battery before attaching electrical wiring.



Cable Organizers



- 1 Keep auxiliary light wiring tidy within the panel kit cabin by running cables along the drive-side frame interior. Fasten wiring to cable organizers using the two provided zip ties.

Bed Rail Clamp

1

(For trucks without bed rail T-Channels)

- 1 Install (2) T-Nuts onto the Upper Clamp using (2) M8 x 38 bolts.

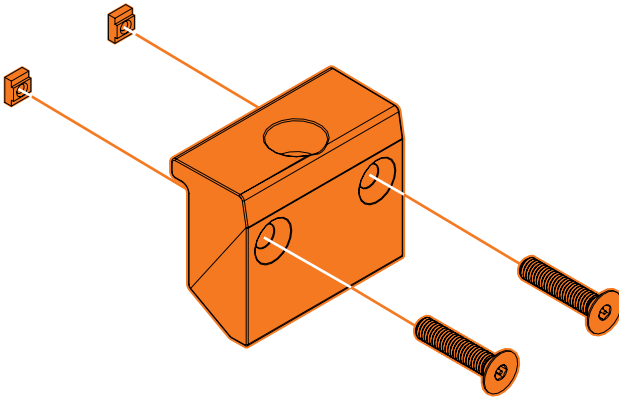


CAUTION

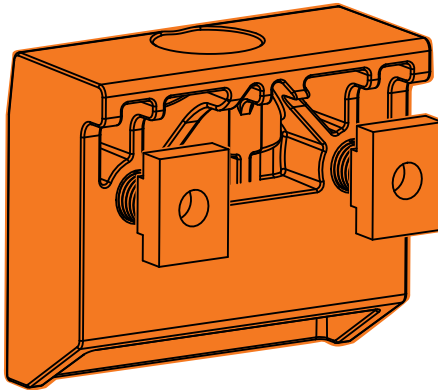
Torque bolts to 21 Nm.

NOTICE

The use of Medium Strength Thread Locker is recommended.



- 2 T-Nuts should remain loose on the Clamp to ensure fit inside T-Channel.



Bed Rail Clamp

2

(For trucks without bed rail T-Channels)

- 3 Install Upper Clamps into lower T-Channels on IBEX™.

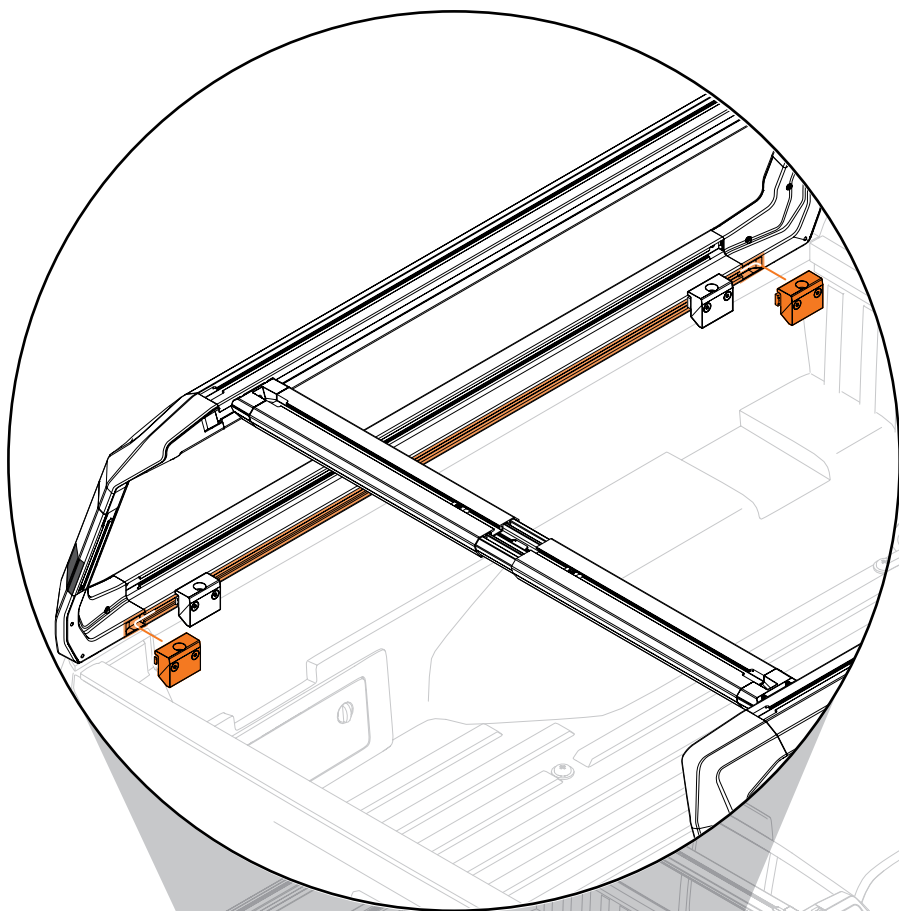


CAUTION

Torque M8 x 38 bolts to 21 Nm. Do not overtighten.

NOTICE

The use of Medium Strength Thread Locker is recommended.



NOTICE

Ensure a minimum of 30" between placement of each Bed Rail Clamp.

Bed Rail Clamp

3A

(For trucks without bed rail T-Channels)

- 4 Install U-Connector into Upper Clamp using (1) M10 x 50 bolt and M10 washer. Repeat this process for the three remaining Bed Rail Clamps.

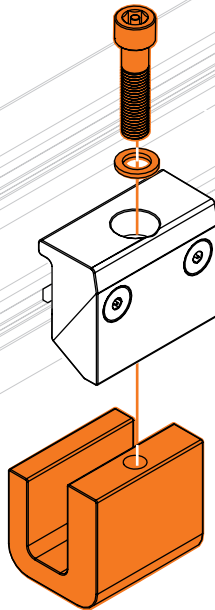


CAUTION

Torque M10 x 50 bolt to 30 - 38 Nm. Do not overtighten.

NOTICE

The use of Medium Strength Thread Locker is recommended.

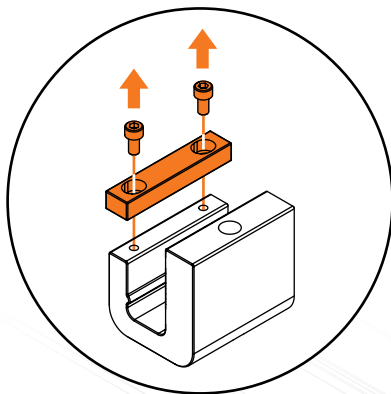


Bed Rail Clamp

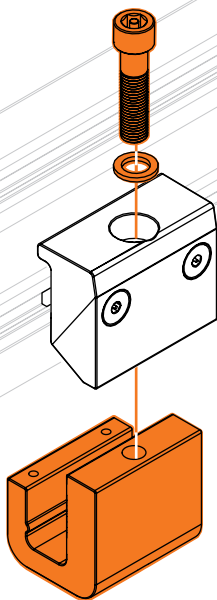
3B

(For IBEXA3 SKU: 2022+ Nissan Frontier (D41))

- 4 Remove U-Connector plate. Repeat this process for the three remaining Bed Rail Clamps.



- 5 Install U-Connector into Upper Clamp using (1) M12 x 50 bolt and M12 washer. Repeat this process for the three remaining Bed Rail Clamps.



CAUTION

Torque M12 x 50 bolt to 30 - 38 Nm. Do not overtighten.

NOTICE

The use of Medium Strength Thread Locker is recommended.

T-Channel Clamp

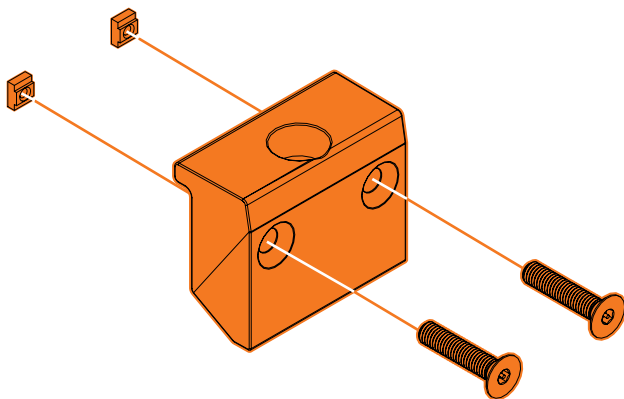
1

(For trucks with bed rail T-Channels)

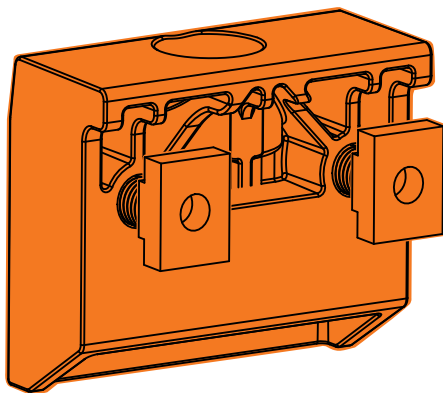
- 1 Install (2) T-Nuts onto each Upper Clamp using (2) M8 x 38 bolts.

NOTICE

The use of Medium Strength Thread Locker is recommended.



- 2 T-Nuts should remain loose on the Clamp to ensure fit inside T-Channel.



T-Channel Clamp

2

(For trucks with bed rail T-Channels)

- 3 Install Upper Clamps into lower T-Channels on IBEX™.

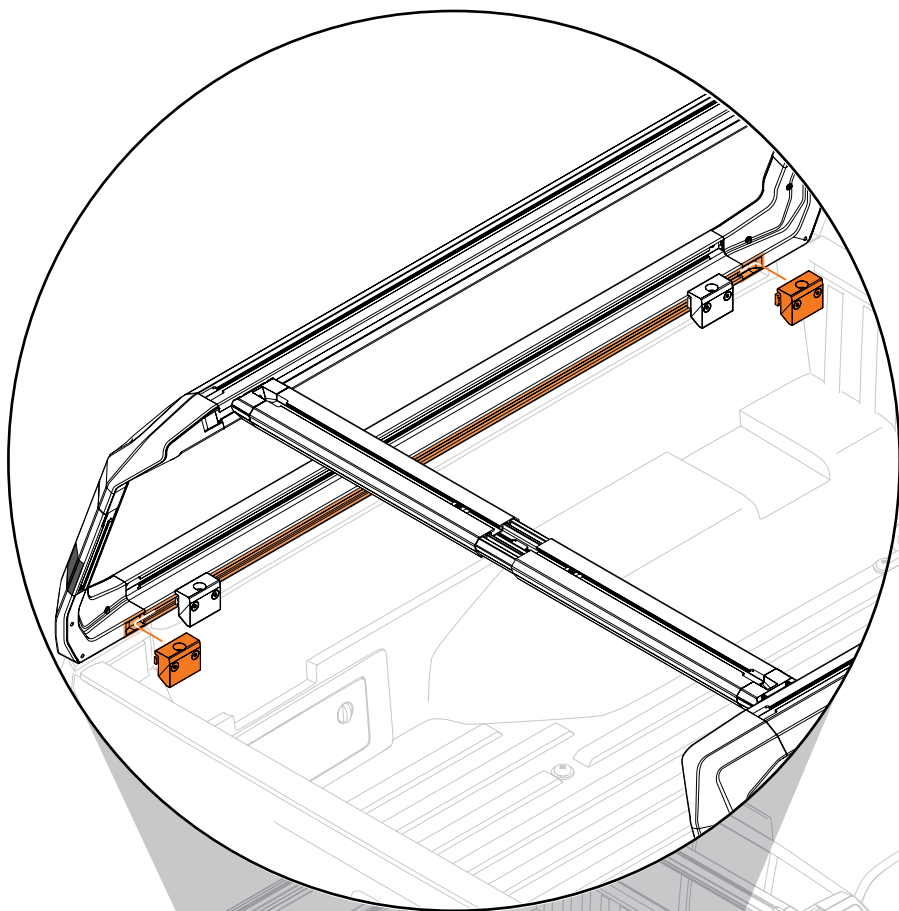


CAUTION

Torque M8 x 38 bolts to 21 Nm. Do not overtighten.

NOTICE

The use of Medium Strength Thread Locker is recommended.



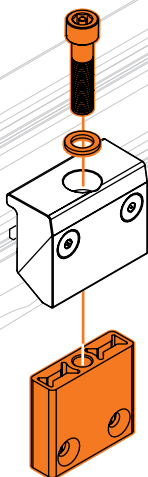
NOTICE

Ensure a minimum of 30" between placement of each Bed Rail Clamp.

- 4 Install Lower Clamp using (1) M10 x 50 bolt and (1) M10 washer.

NOTICE

Do not fully tighten these bolts at this time.

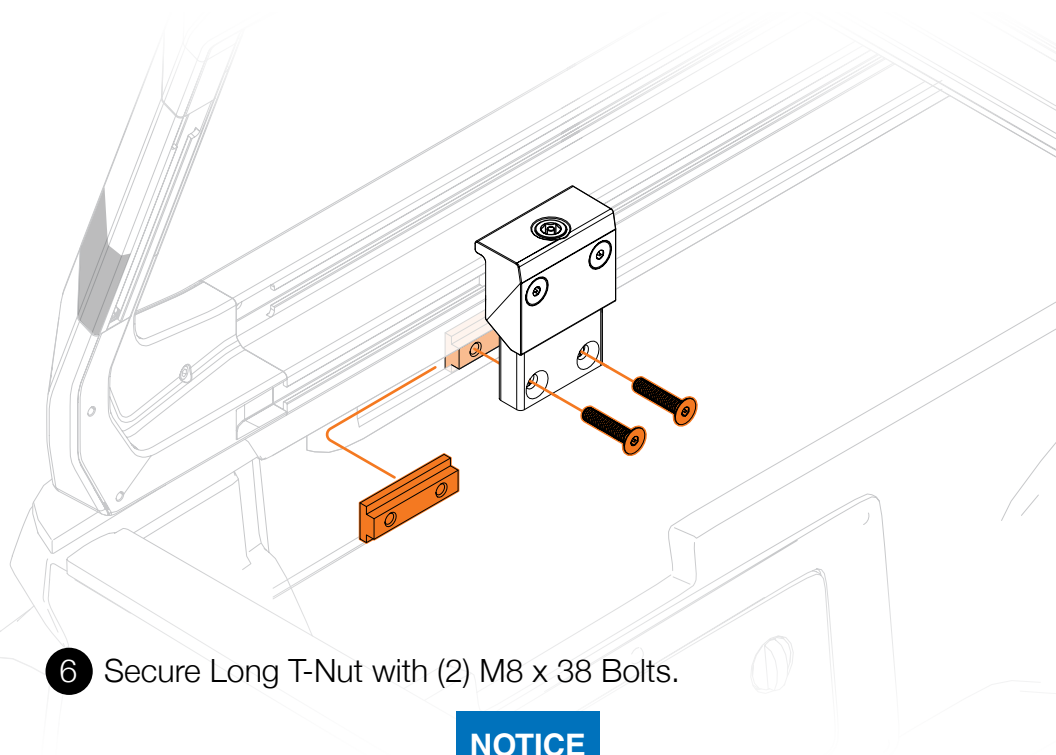


T-Channel Clamp

4

(For trucks with bed rail T-Channels)

- 5 Insert Long T-Nut into bed frame T-Channel.



- 6 Secure Long T-Nut with (2) M8 x 38 Bolts.

NOTICE

Do not fully tighten these bolts at this time.

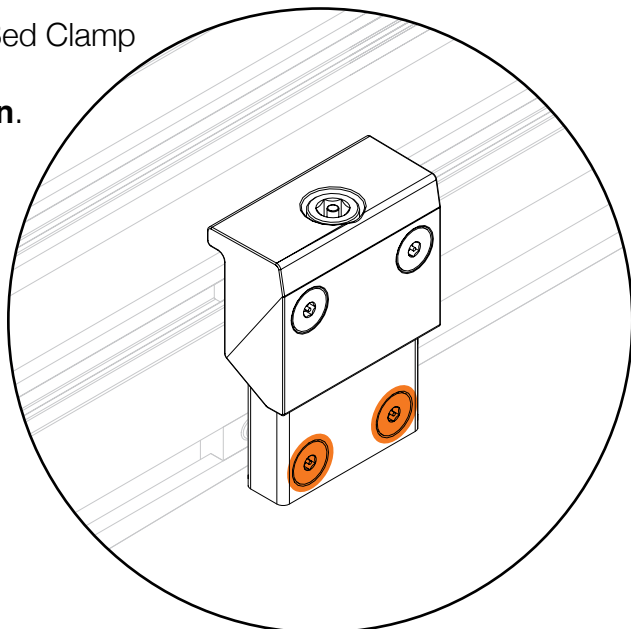
- 7 Repeat this process for the three remaining T-Channel Bed Clamp locations.

Tightening onto T-Channel

Fully tighten the installed components of your IBEX™ in this order:

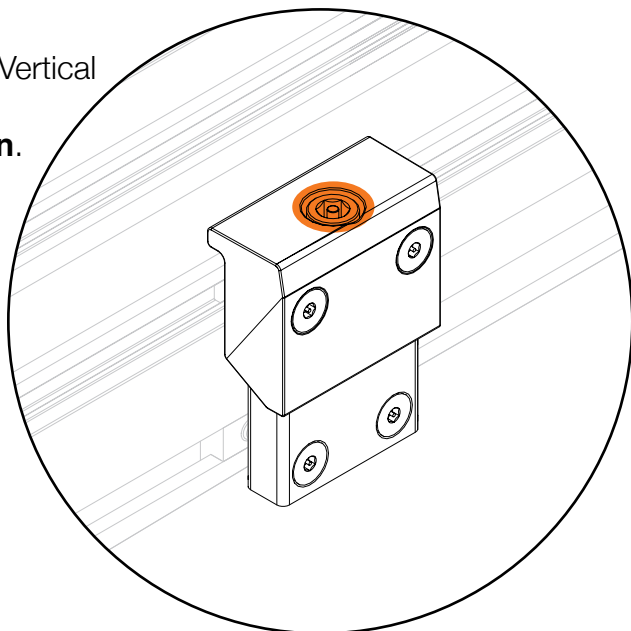
CAUTION

- 1 Torque Horizontal Bed Clamp Bolts to **21 Nm**.
Do not overtighten.



CAUTION

- 2 Torque Bed Clamp Vertical Bolts to **30 Nm**.
Do not overtighten.



NO WORRIES LIMITED WARRANTY

We stand behind our products, and our customer service reps are waiting to help you out if you have any problems with your product. Our limited warranty covers your purchase for life. You can review our limited warranty on our website or call customer service at the number below if you have questions or need a repair, replacement, refund, or a copy of the limited warranty.

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kuat.com | 877.822.5828

kuat[®]

1.877.822.5828

info@kuat.com

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