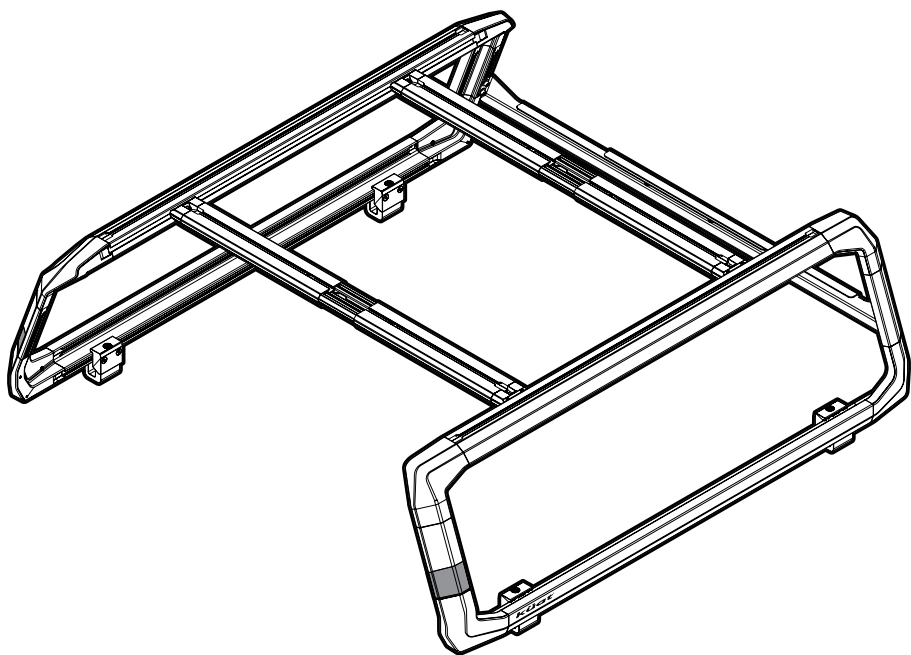




IBEX™

ASSEMBLY



ASSEMBLY VIDEO

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SAFETY INSTRUCTIONS

IBEX™

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
- 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.

NOTICE

- Do not take through automatic car wash.

If you have questions or problems, please contact Küat Racks directly by calling toll free 1(877)822-KUAT, or by email: info@kuat.com

ADVERTENCIAS

- Siga las instrucciones para un montaje, instalación y uso adecuados.
- Verifique periódicamente el apriete de todos los pernos y tornillos.
- Asegúrese de que la rejilla esté en condiciones de funcionar antes de cada uso.
- No exceda los límites de peso previstos para este bastidor.
 - Capacidad de peso estático de 1200 lb.
 - Capacidad de peso dinámico de 300 lb.
- 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.
 - Los caminos lisos de grava no se consideran todoterreno.

AVISO

- No lo pase por el lavado automático de autos.

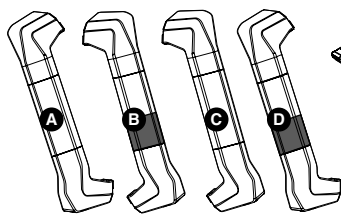
ADVERTISSEMENTS

- 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 support est en état de fonctionnement avant chaque utilisation.
- Ne dépassez pas les limites de poids prévues pour ce bastidor.
 - Capacité de poids statique de 1200 lb
 - Capacité de poids dynamique de 300 lb
- 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 orné et/ou rocheux lors de l'utilisation de ce produit, et doit réduire la charge, la vitesse ou les deux comme nécessaire.
 - Les routes de gravier lisse ne sont pas considérées comme hors route.

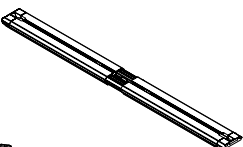
AVIS

- Ne passez pas par le lave-auto automatique.

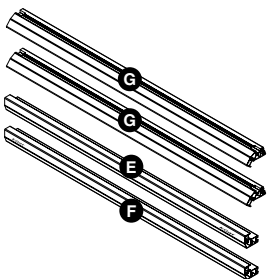
Parts & Tools



(4) IBEX™ Frame Upright



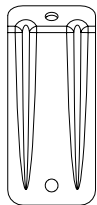
(2) IBEX™ Crossbar



(4) IBEX™ Sidebeam



(1) Stiffener Assembly



(4) Crossbar Stiffener



(4) M8 x 22



(16) M8 x 50



(16) T-Nuts



(12) M8 x 12



(36) M8 Washer



(8) M8 x 30



(8) M8 Lock Nut

OPTIONAL MID-HEIGHT KIT



(4) Universal Bed Clamp Assembly



(4) T-Channel Base Mount



(4) Long T-Nut

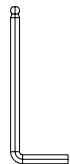


(8) M8 x 38

OPTIONAL T-CHANNEL KIT



(1) M10 Security Hex Key



(1) M6 Hex Key



(1) M5 Security Hex Key

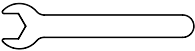


(1) M4 Hex Key



(1) 6mm Impact Bit

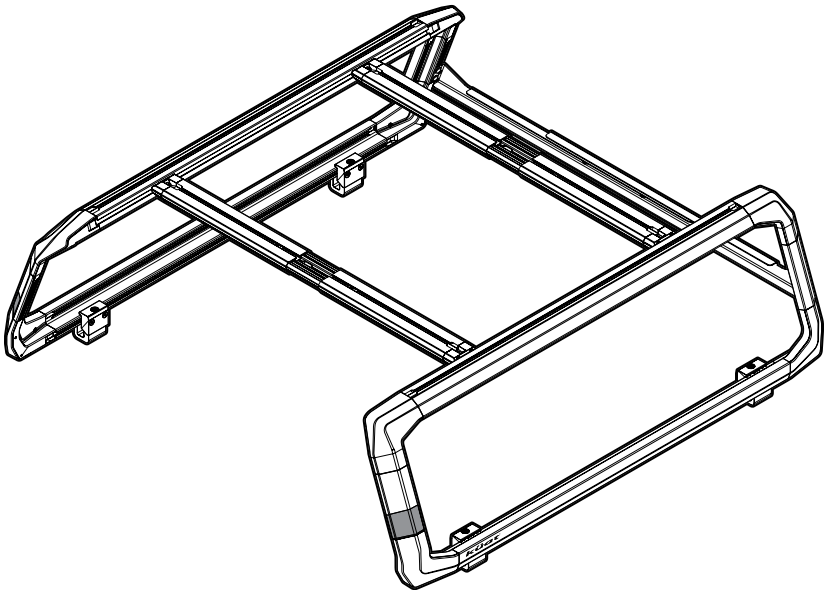
*Use with Impact Driver
*Do not use with Drill



(1) 13mm Wrench

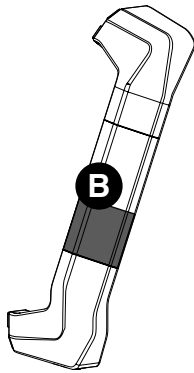
Important Notes & Tips

- 1 Build and assemble your IBEX™ on a flat surface.
- 2 At a certain point in the installation process, it is necessary to lift the IBEX™ onto the vehicle. This will require a 2-person team lift.
- 3 Position the decorative strip on the hoop toward the rear of the vehicle.
- 4 Periodically check tightness of IBEX™ bolts and screws.
- 4 If assembling the IBEX Panel Kit at the same time as the IBEX™ frame, please note on page 24 (Crossbar Installation) you will be prompted to start assembling the Panel Kit.
See Panel Kit for IBEX User Guide

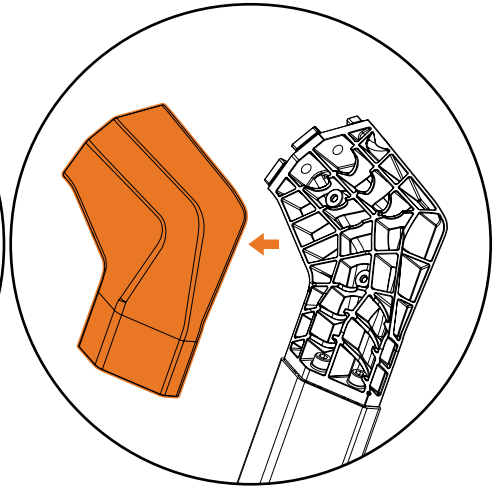
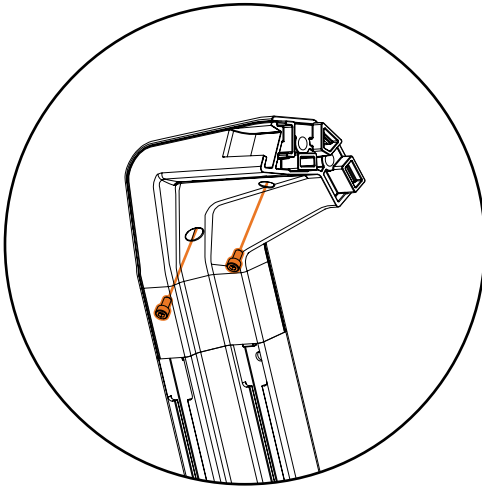


Driver Side Hoop Assembly

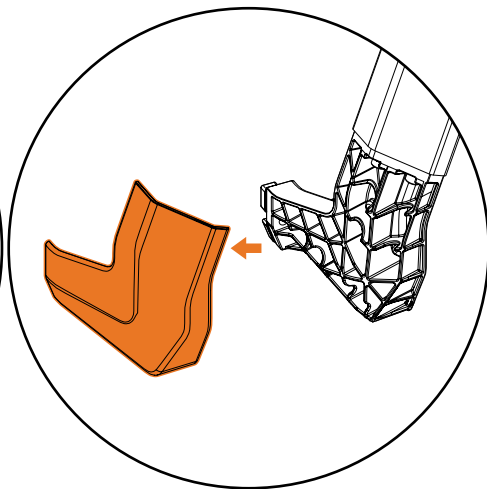
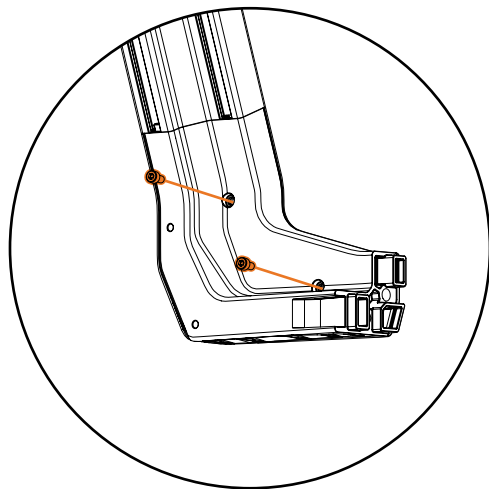
- 1 Locate IBEX™ Frame Upright labeled **Part B**.



- 2 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Top Corner Cover**.



- 3 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Bottom Corner Cover**.



Mid-Height Configuration

NOTICE

If you wish to assemble and install the IBEX™ in the Mid-Height Configuration, follow these steps. If not, skip to **STEP 7**.

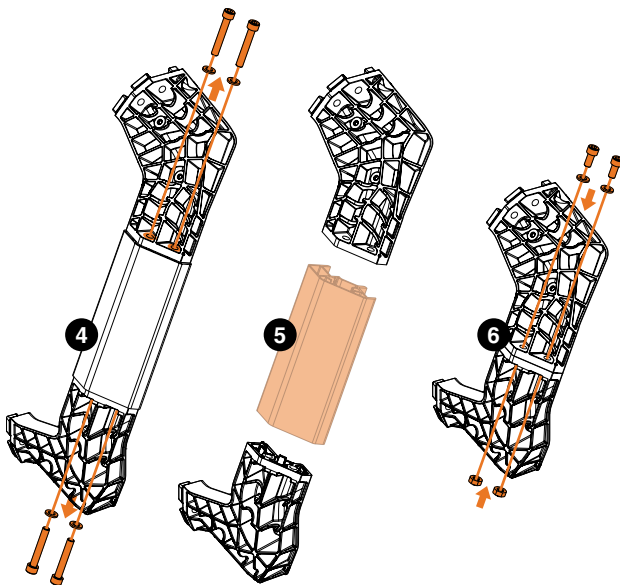
- 4 With Top and Bottom Corner Covers removed, locate and unfasten the (4) M8 x 50 bolts and (4) washers attaching the vertical extension to the corner pieces.
- 5 Remove vertical extension.
- 6 Reassemble the corner pieces using (2) M8 x 30 bolts and (2) M8 lock nuts while reusing (2) washers from **Step 4**. Bolts and washers are inserted through the top, and the lock nuts are placed on the bottom.

CAUTION

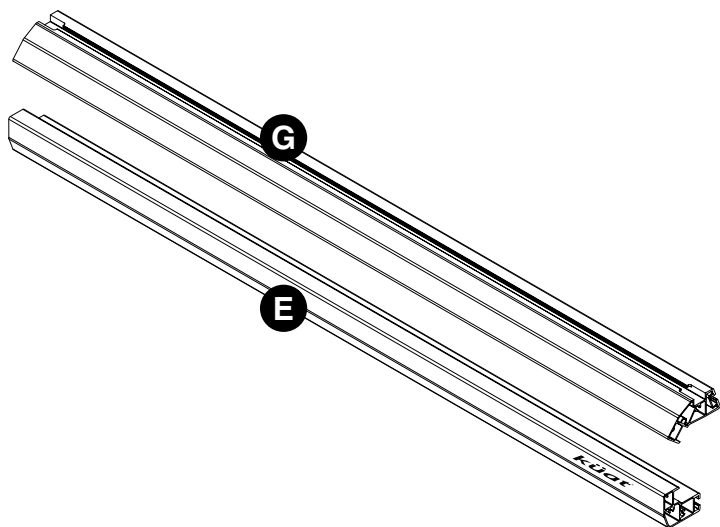
Torque M8 x 30 bolts to 21 Nm

Repeat these steps for remaining Sections A, D and C.

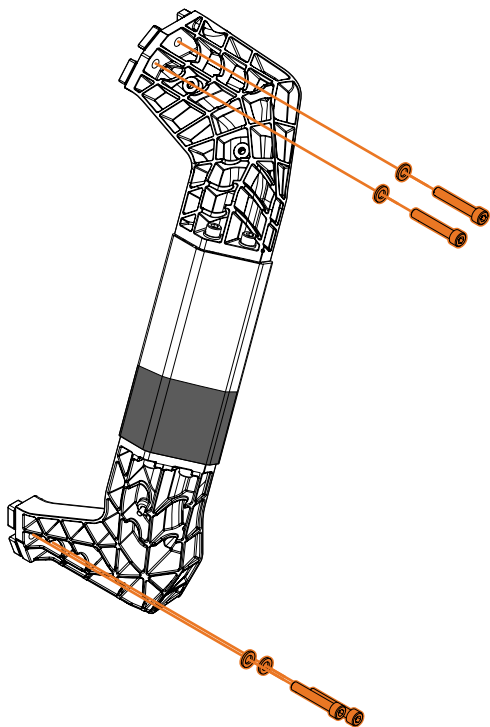
Continue to **Step 7** with Mid-Height Configuration.



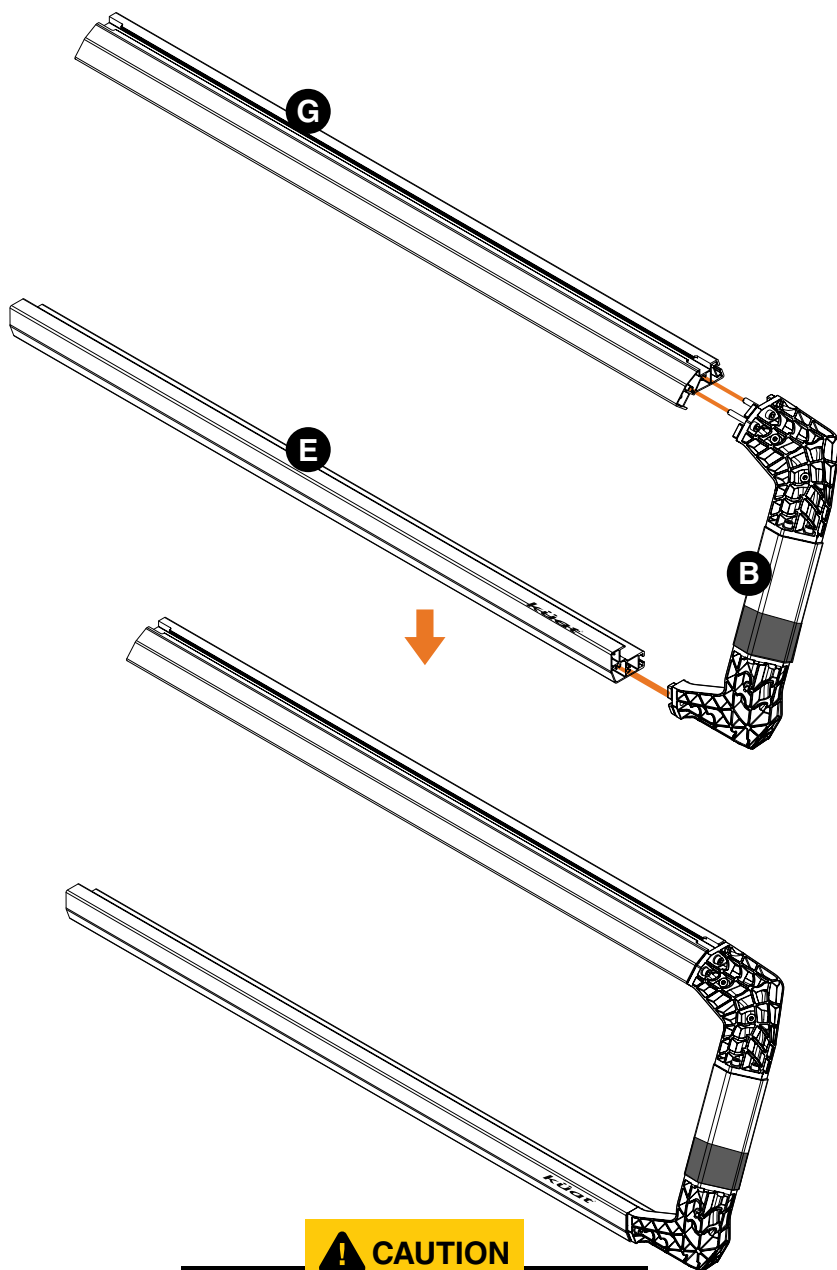
- 7 Locate IBEX™ Sidebeams labeled **G** and **E**.



- 8 Install (4) M8 x 50 bolts and (2) M8 washers into the top and bottom of IBEX™ Frame Upright labeled **B**.



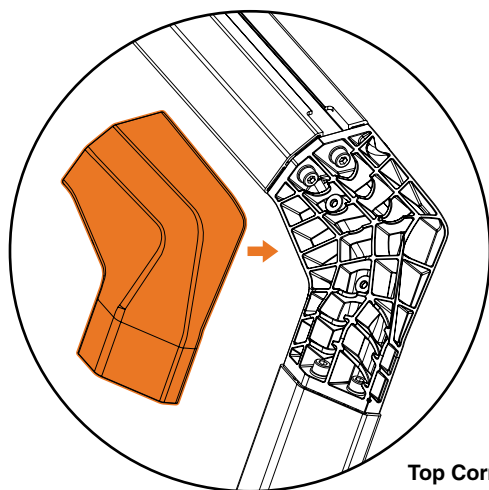
- 9 Using the provided 6mm Impact Bit, fasten IBEX™ Frame Upright **B** into Sidebeams **E** and **G**. Tighten with Impact Driver until snug.



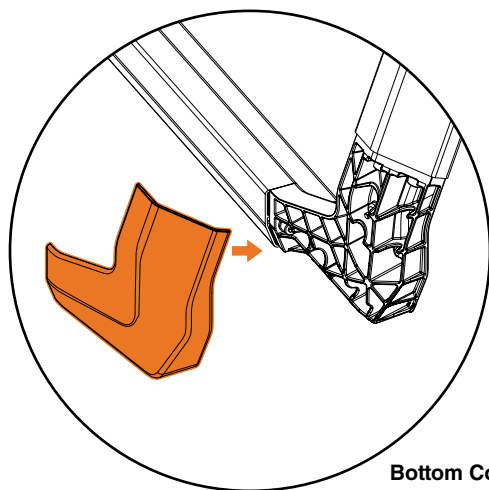
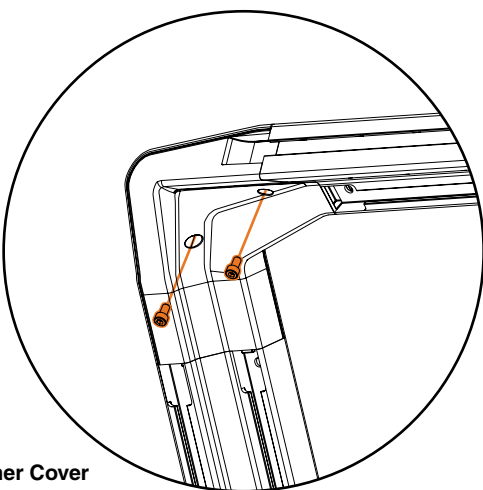
CAUTION

Torque M8 bolts by hand
to 16-20 Nm

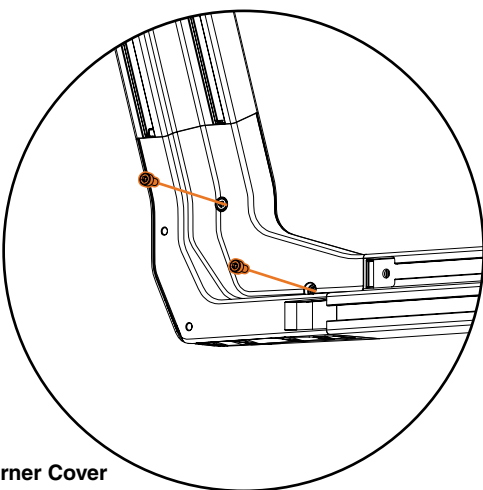
10 Reinstall **Top Corner Cover** and **Bottom Corner Cover**.



Top Corner Cover



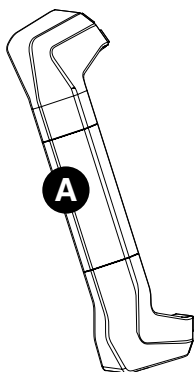
Bottom Corner Cover



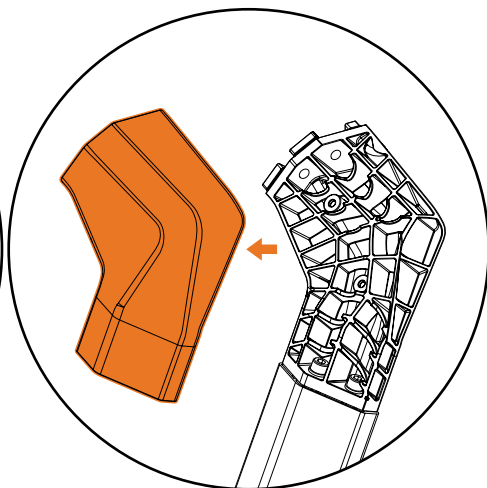
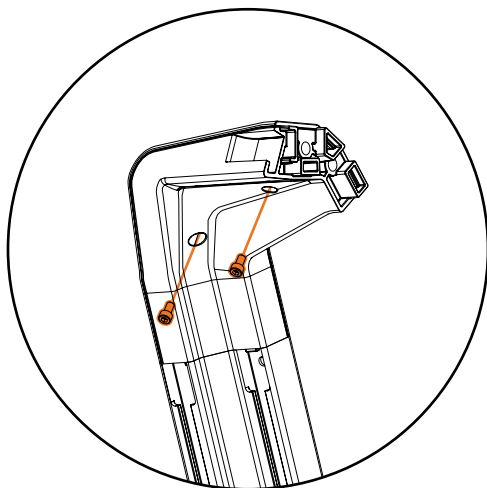
CAUTION

**Torque M5 x 10 bolts to 5 Nm
Do not overtighten**

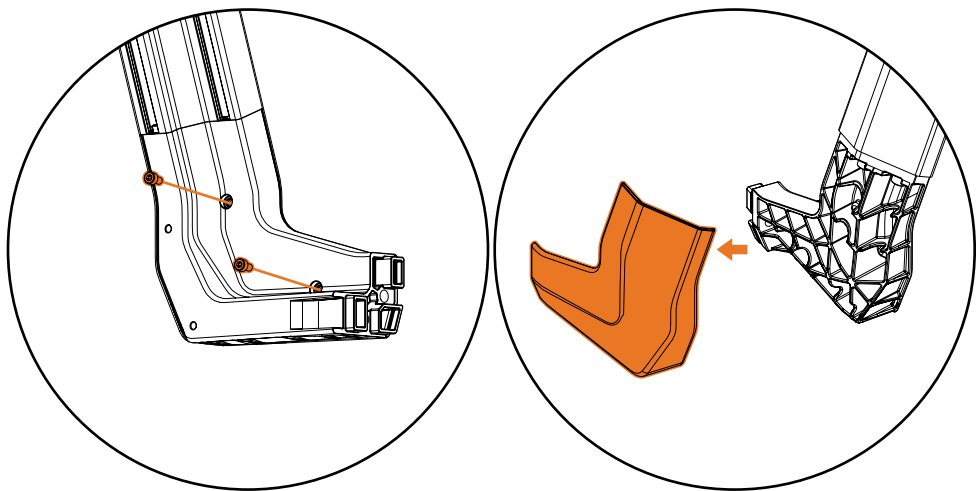
- 11 Locate IBEX™ Frame Upright labeled **Part A**.



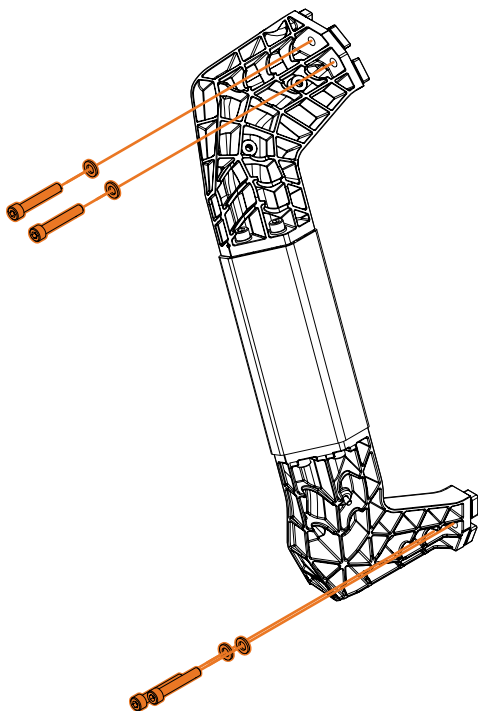
- 12 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Top Corner Cover**.



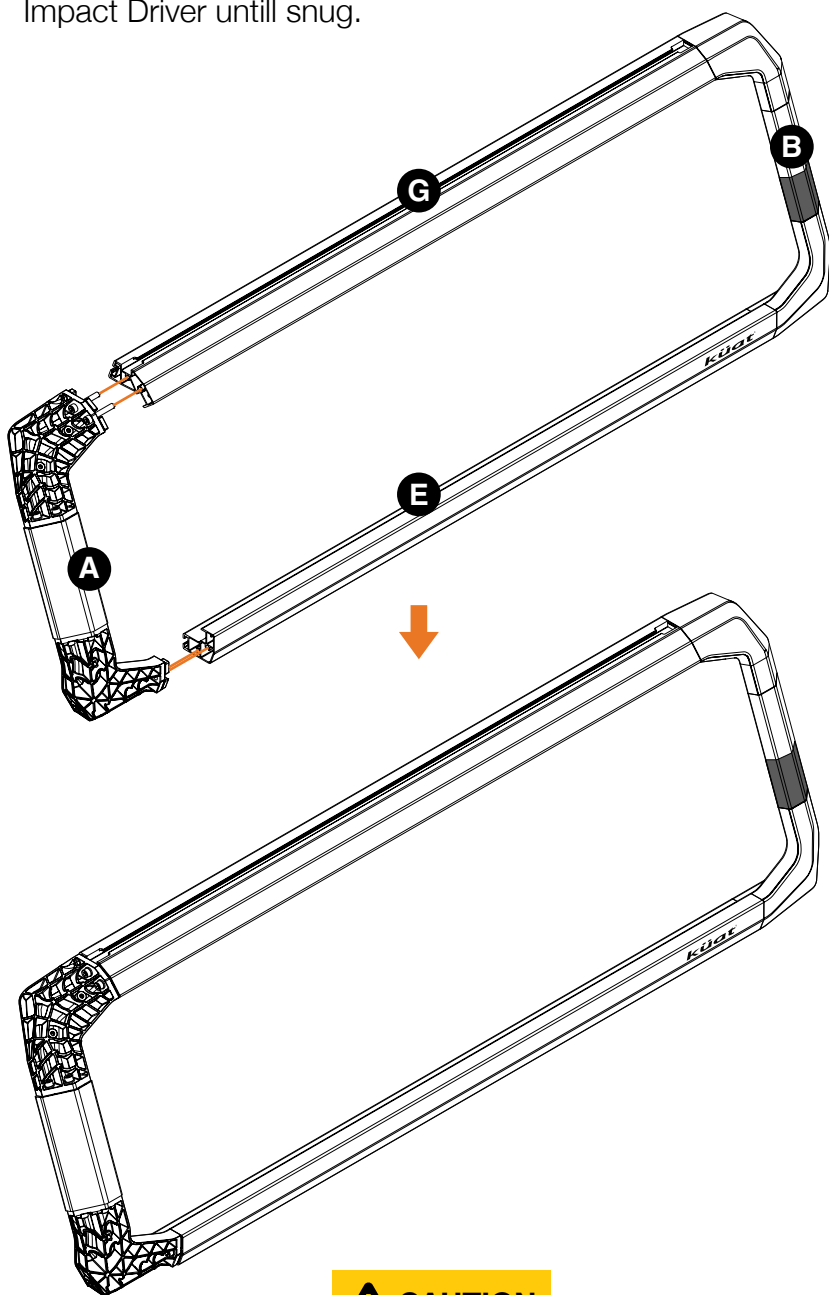
- 13 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Bottom Corner Cover**.



- 14 Install (4) M8 x 50 bolts and (4) M8 washers into the top and bottom of IBEX™ Frame Upright labeled **Part A**.



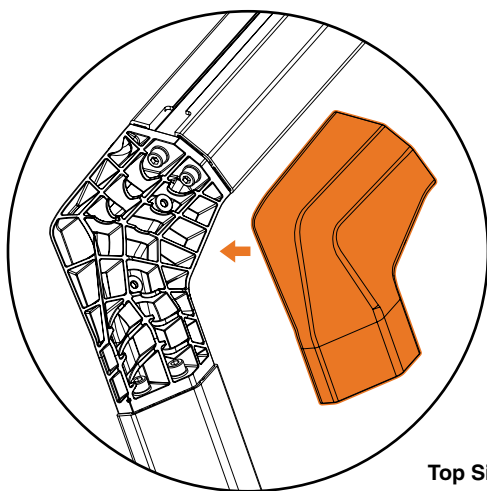
- 15 Using the provided 6mm Impact Bit, fasten IBEX™ Frame Upright **A** into Sidebeams **E** and **G**. Tighten with Impact Driver until snug.



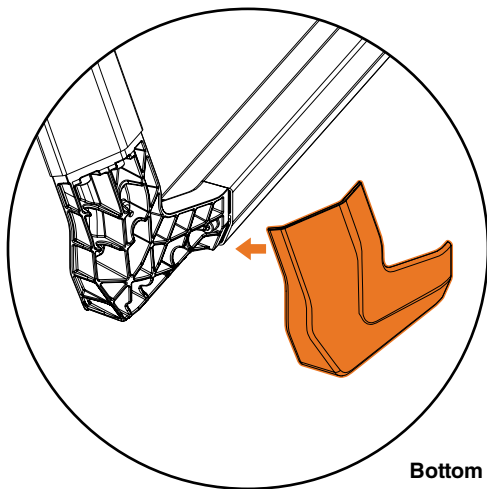
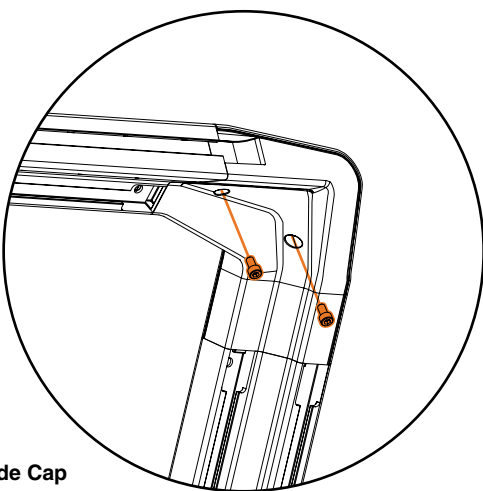
CAUTION

Torque M8 bolts by hand
to 16-20 Nm

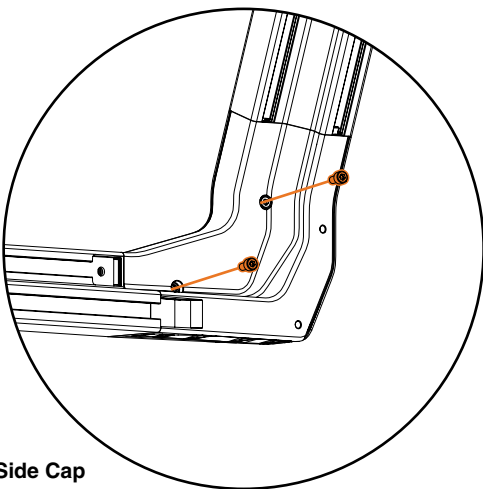
16 Reinstall **Top Corner Cover** and **Bottom Corner Cover**.



Top Side Cap



Bottom Side Cap

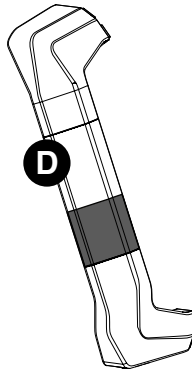


CAUTION

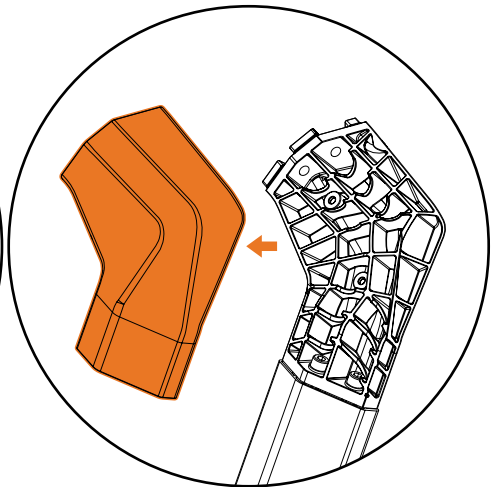
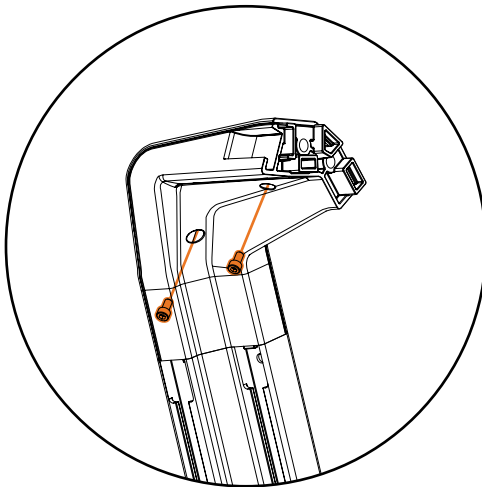
**Torque M5 x 10 bolts to 5 Nm
Do not overtighten**

Passenger Side Hoop Assembly

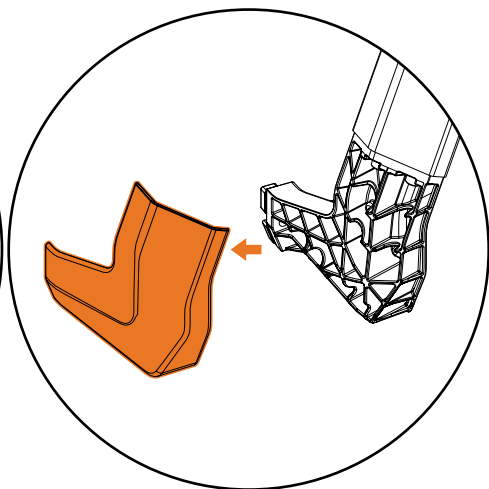
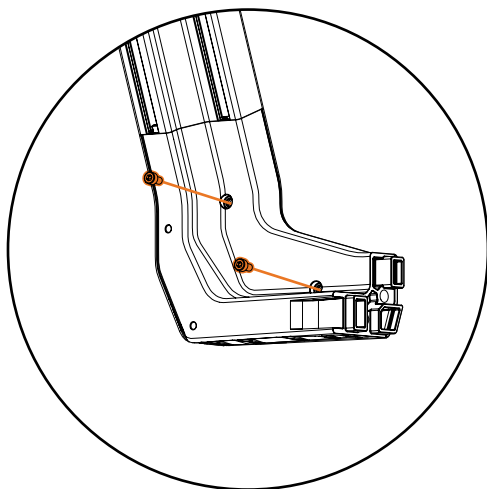
- 1 Locate IBEX™ Frame Upright labeled **Part D**.



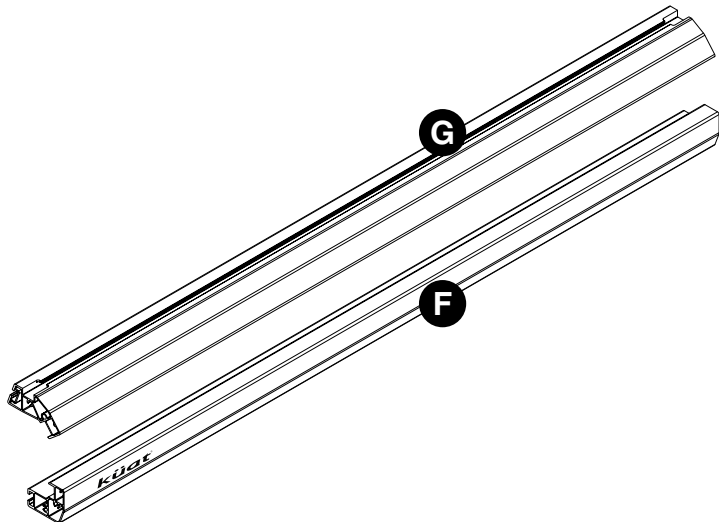
- 2 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Top Corner Cover**.



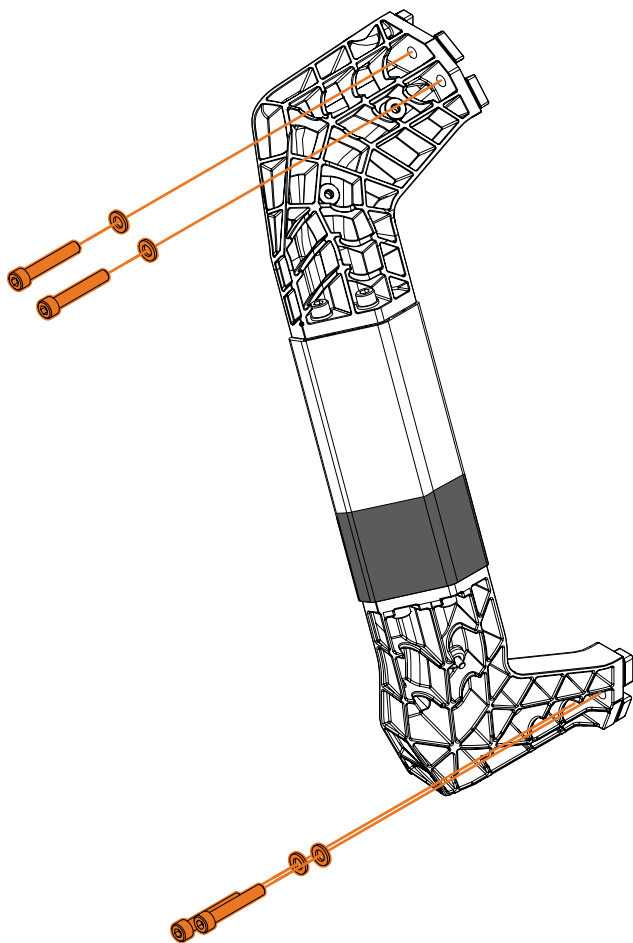
- 3 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Bottom Corner Cover**.



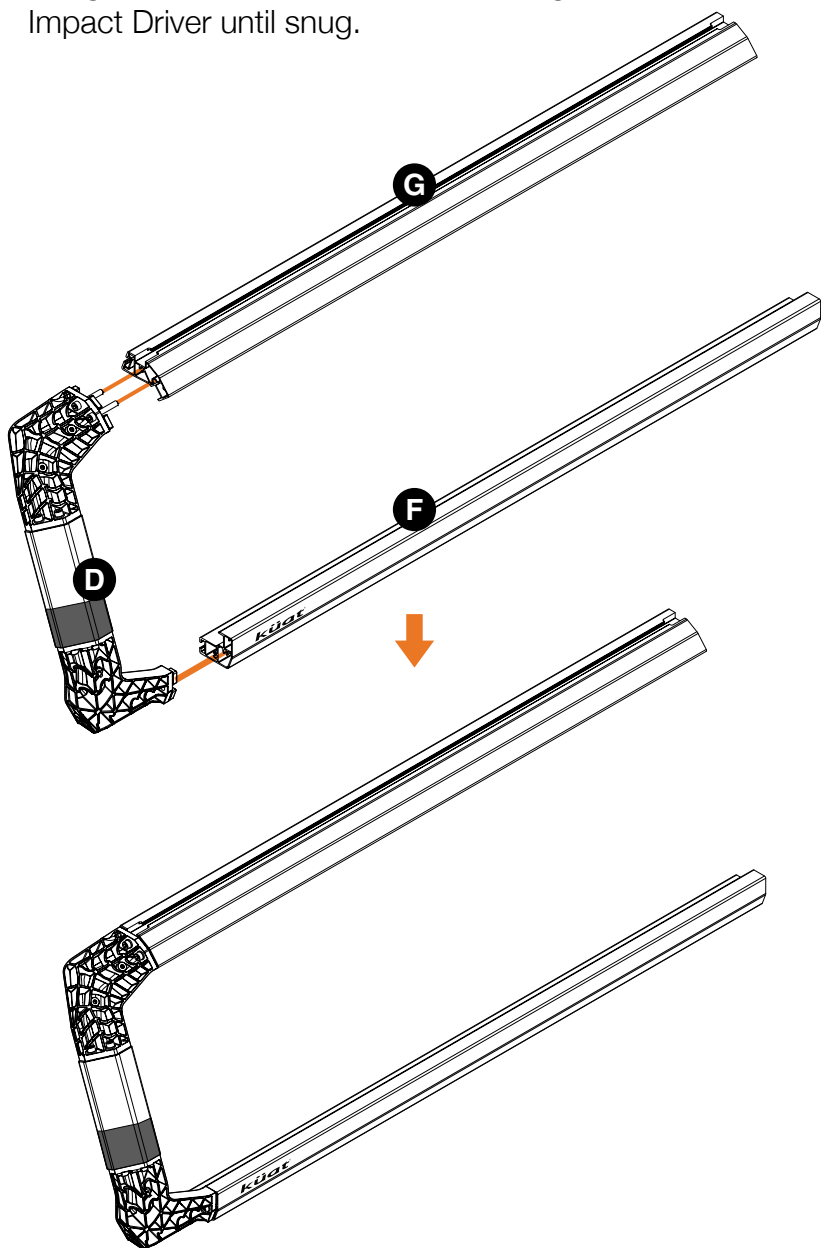
- 4 Locate IBEX™ Sidebeams labeled **G** and **F**.



- 5 Install (4) M8 x 50 bolts and (4) M8 washers into the top and bottom of IBEX™ Frame Upright labeled **D**.



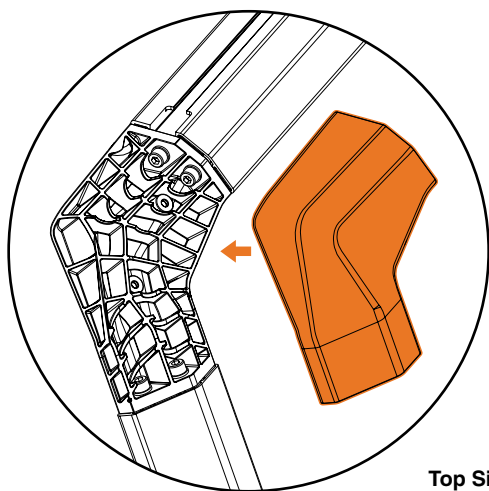
- 6 Using the provided 6mm Impact Bit, fasten IBEX™ Frame Upright **D** into Sidebeams **G** and **F**. Tighten with Impact Driver until snug.



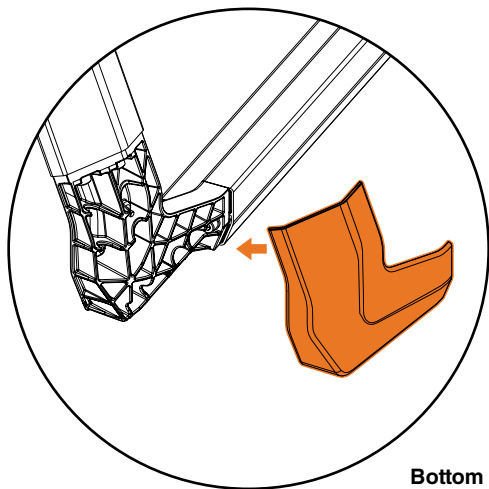
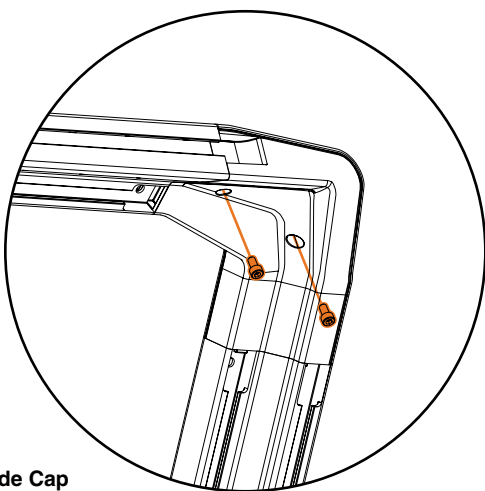
CAUTION

Torque M8 bolts by hand
to 16-20 Nm

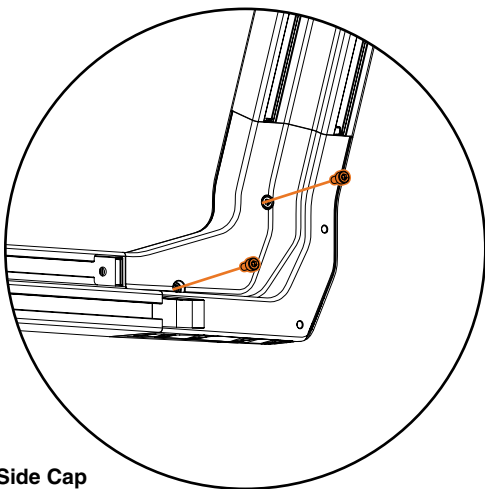
7 Reinstall **Top Corner Cover** and **Bottom Corner Cover**.



Top Side Cap



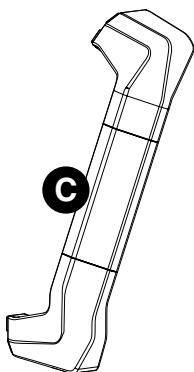
Bottom Side Cap



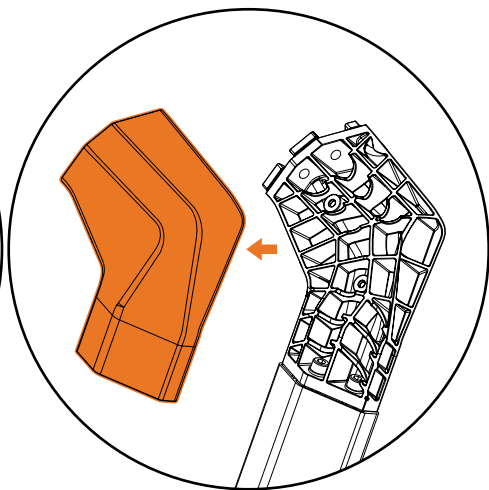
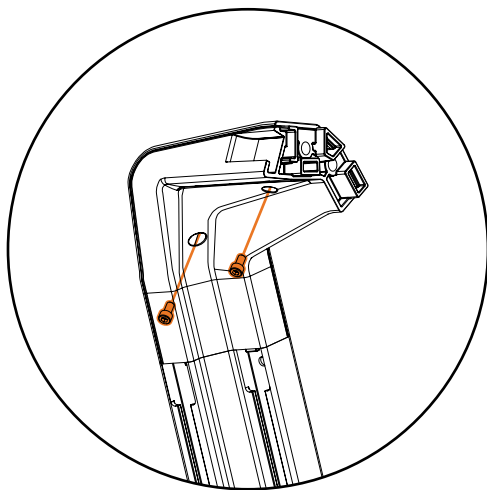
CAUTION

**Torque M5 x 10 bolts to 5 Nm
Do not overtighten**

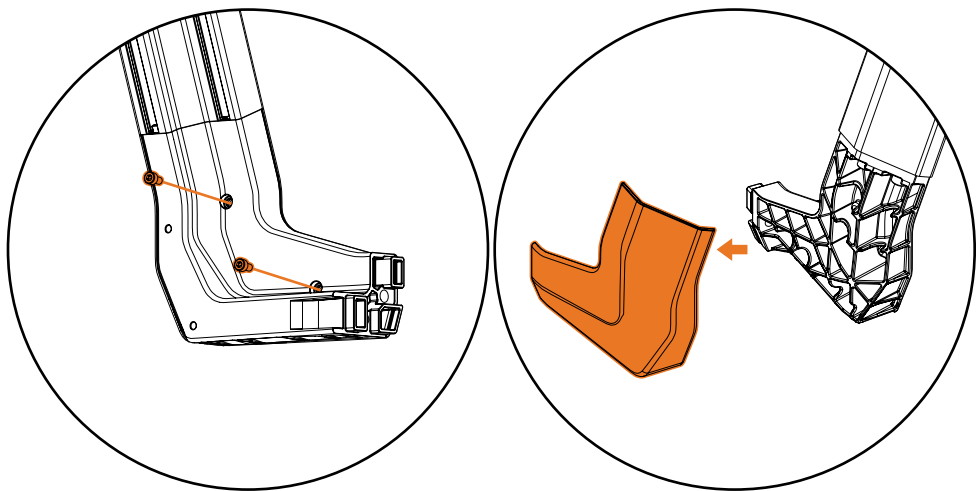
- 8 Locate IBEX™ Frame Upright labeled **Part C**.



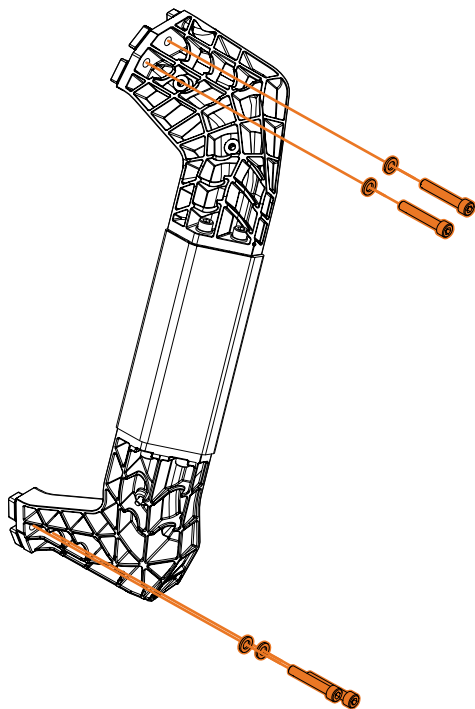
- 9 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Top Corner Cover**.



- 10 Using the provided Hex Key, unfasten (2) M5 x 10 bolts inside and remove **Bottom Corner Cover**.



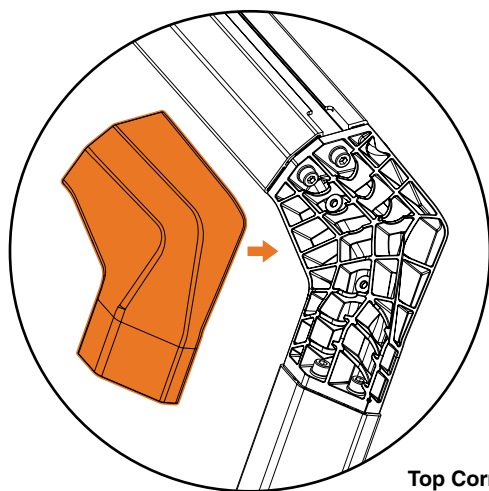
- 11 Install (4) M8 x 50 bolts and (4) M8 washers into the top and bottom of IBEX™ Frame Upright labeled **Part C**.



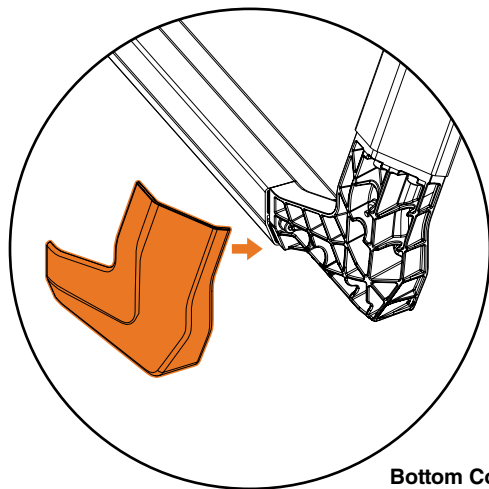
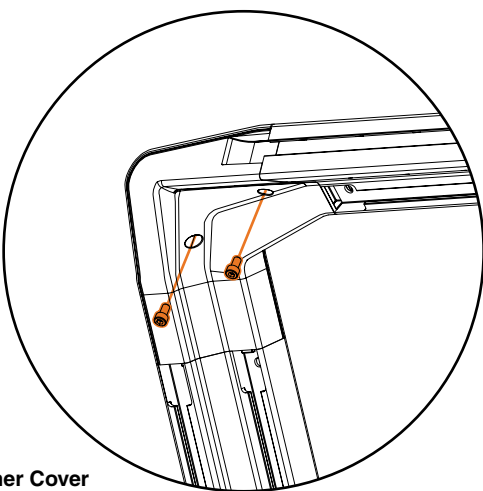
-

**Torque M8 bolts by hand
to 16-20 Nm**

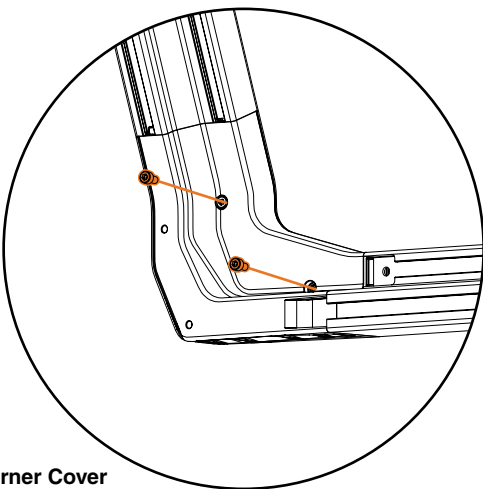
13 Reinstall **Top Corner Cover** and **Bottom Corner Cover**.



Top Corner Cover



Bottom Corner Cover

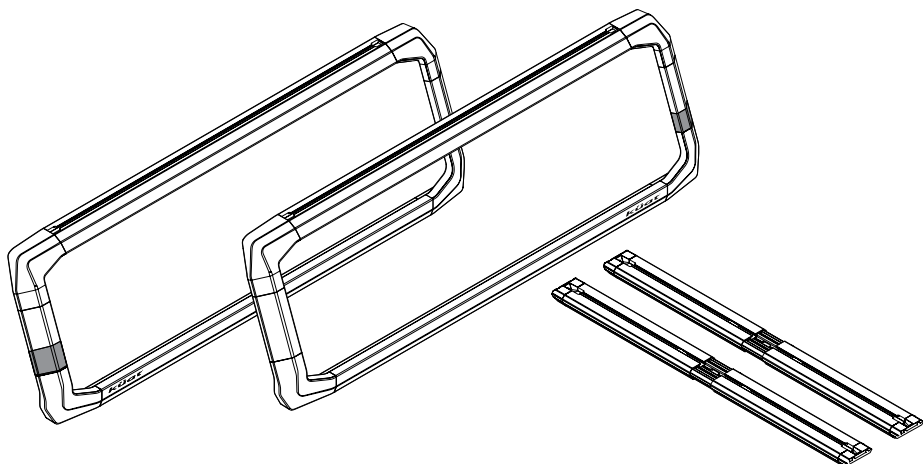


CAUTION

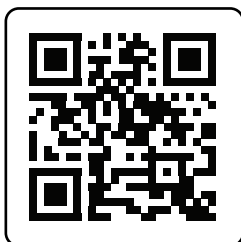
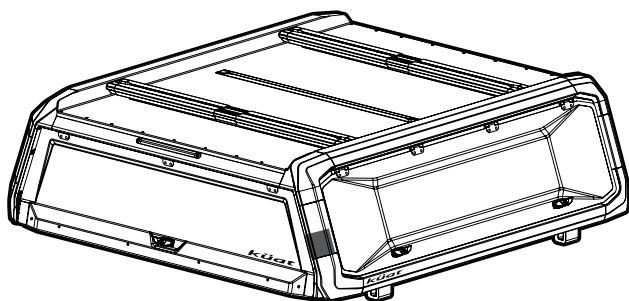
**Torque M5 x 10 bolts to 5 Nm
Do not overtighten**



Stop here if you are assembling you're **IBEX™** along side the **IBEX™** PANEL KIT.



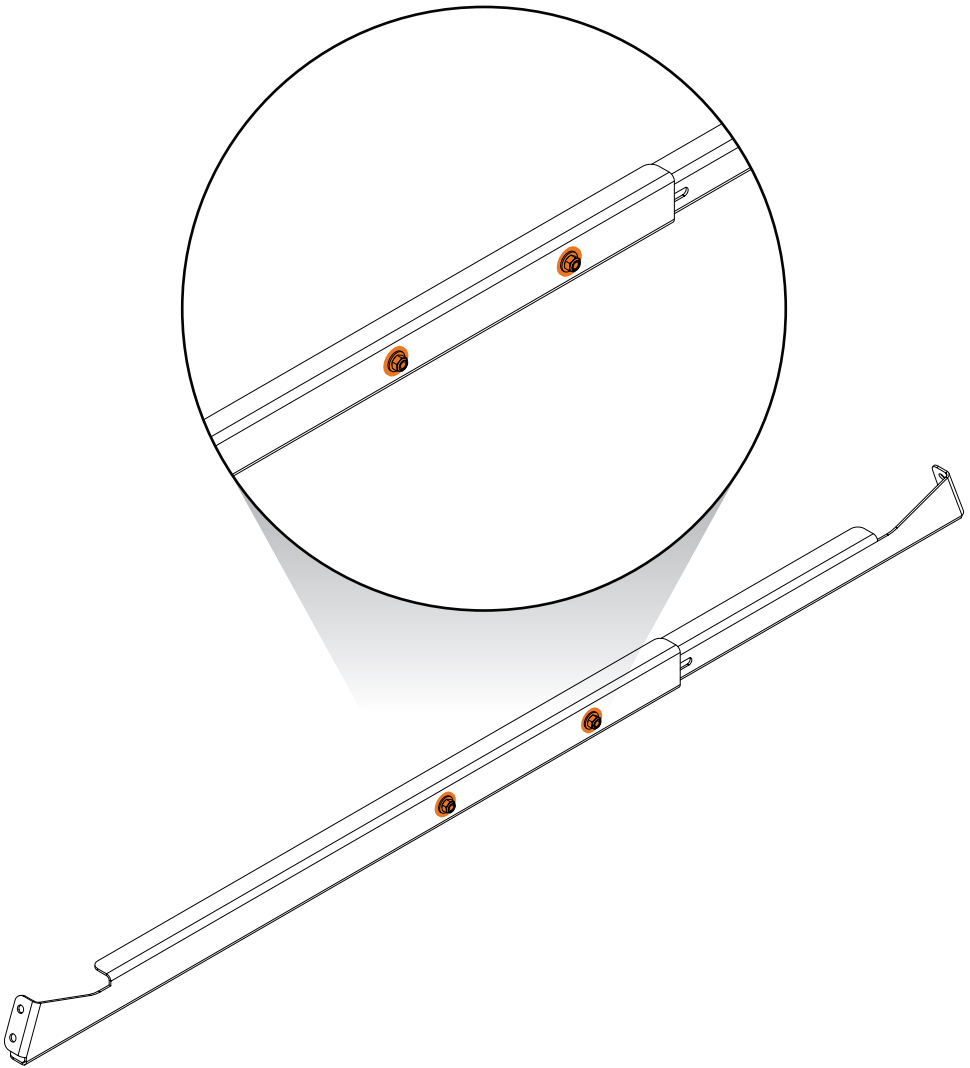
Refer to the **IBEX™** PANEL KIT user guide to finish your build by scanning or clicking on the QR code below.



IBEX™ PANEL KIT
USER GUIDE

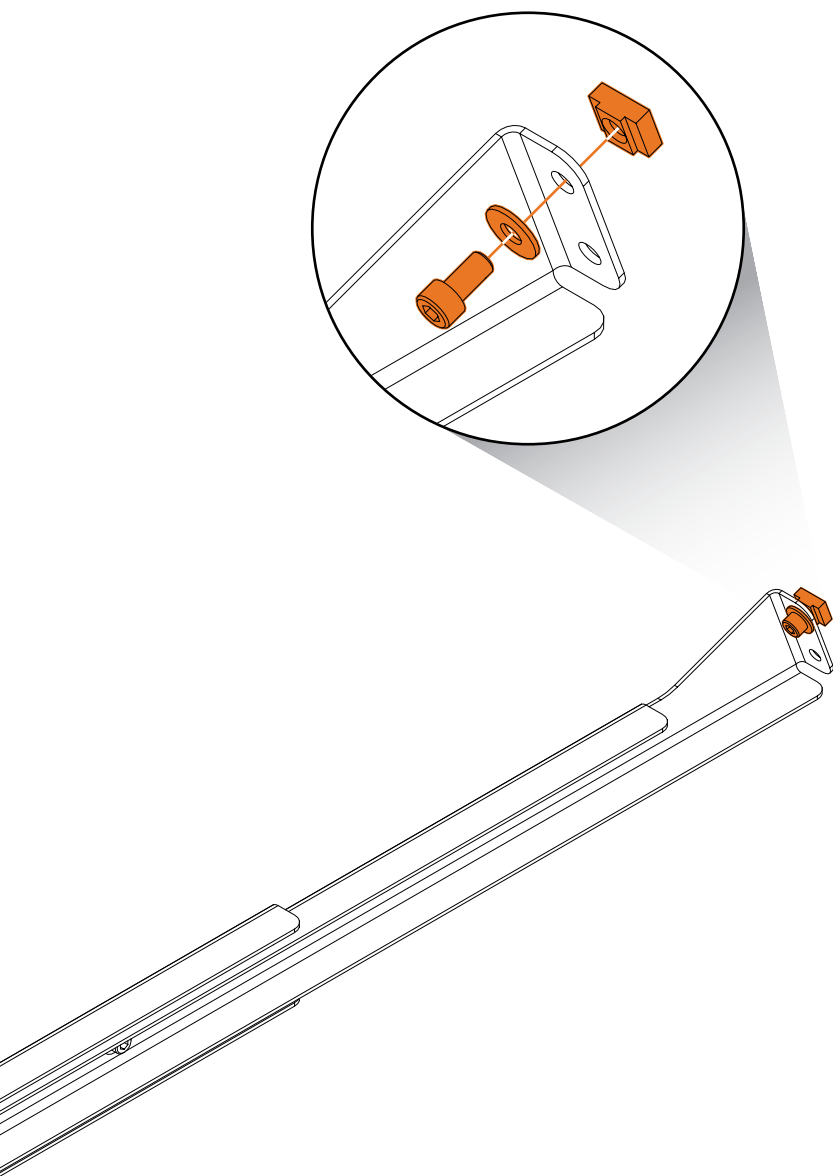
Stabilizer Installation

- 1 Slightly loosen center M8 Nuts to allow for width adjustment to Stabilizer pieces.



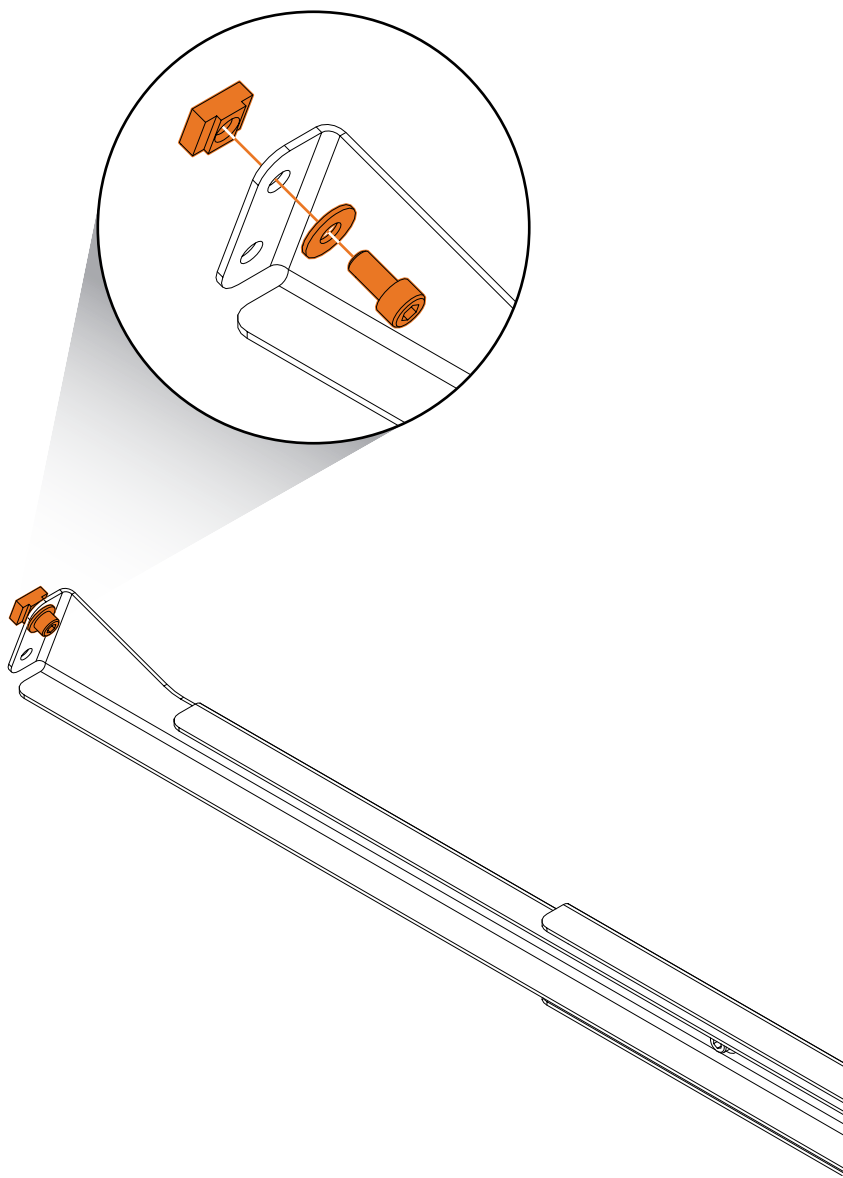
- 2 Insert (1) M8 x 12 Bolt through (1) M8 Washer, through the right top bolt hole on the Front Molle, and thread into (1) T-Nut.

Do not fully tighten.

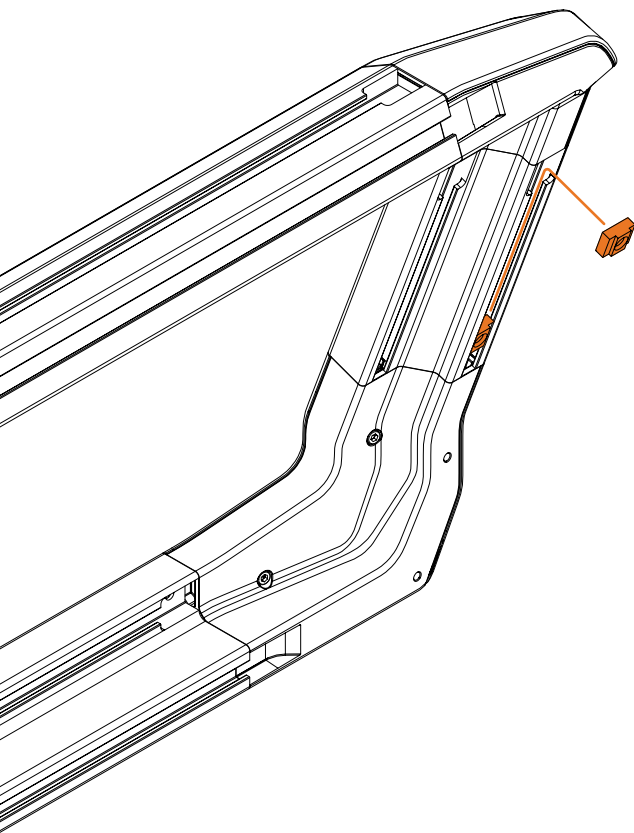


- 3 Insert (1) M8 x 12 Bolt through (1) M8 Washer, through the left top bolt hole on the Front Molle, and thread into (1) T-Nut.

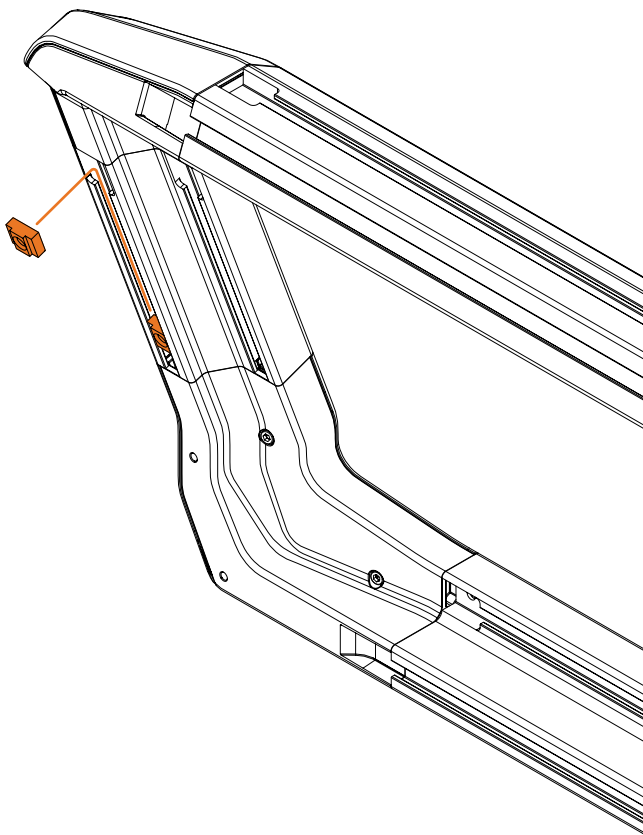
Do not fully tighten.



- 4 Place (1) T-Nut into the right vertical IBEX™ bed rail T-Nut channel.

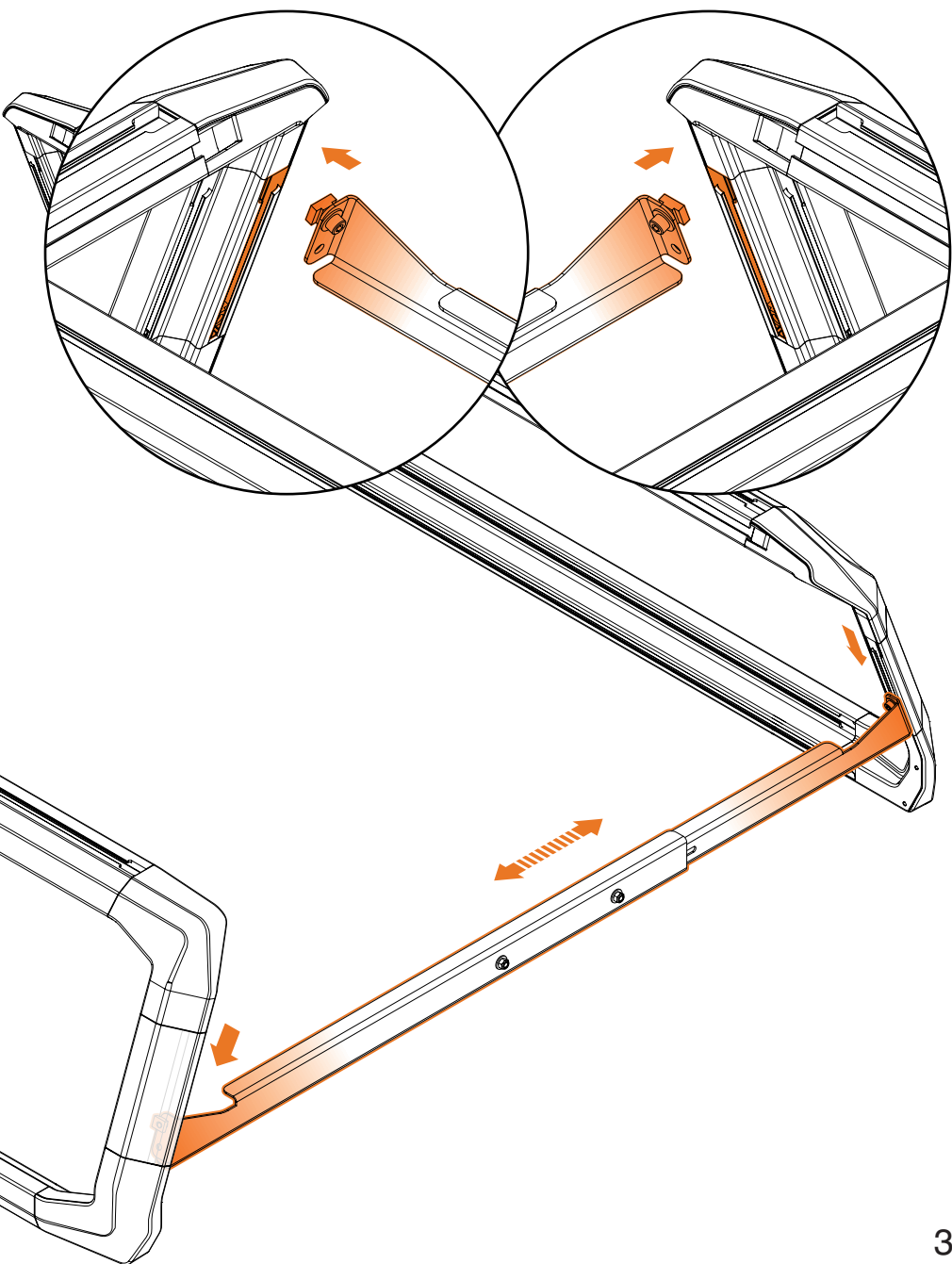


- 5 Place (1) T-Nut into the left vertical IBEX™ bed rail T-Nut channel.



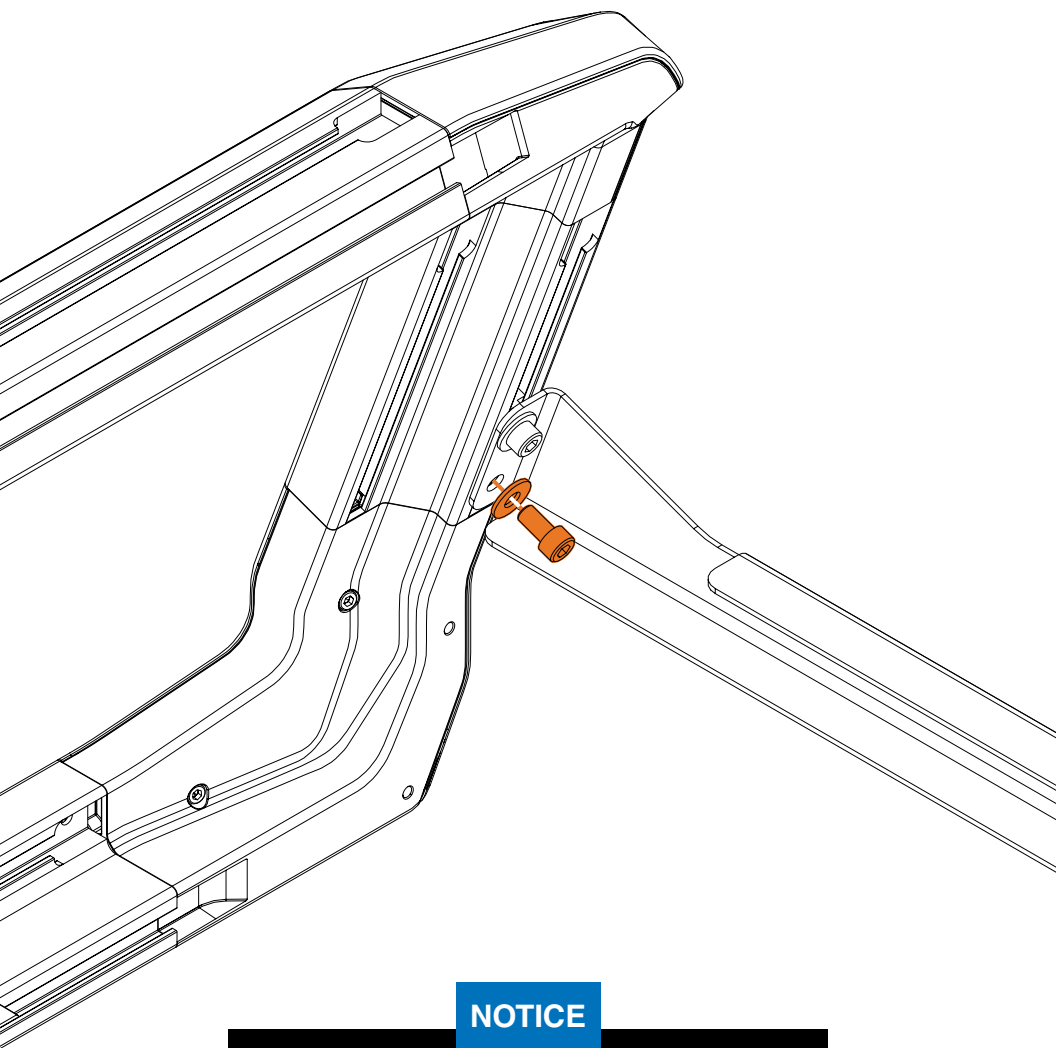
- 6 Slide left and right T-Channel bolts of the assembled Stabilizer into vertical T-Channels of the left and right IBEX™ frames.

This may require adjusting the width of the Stabilizer.



- 7 Align the right Stabilizer bottom with previously placed T-Nut and secure using (1) M8 x 12 Bolt and (1) M8 Washer.

Once installed, torque top and bottom bolts to 21 Nm.



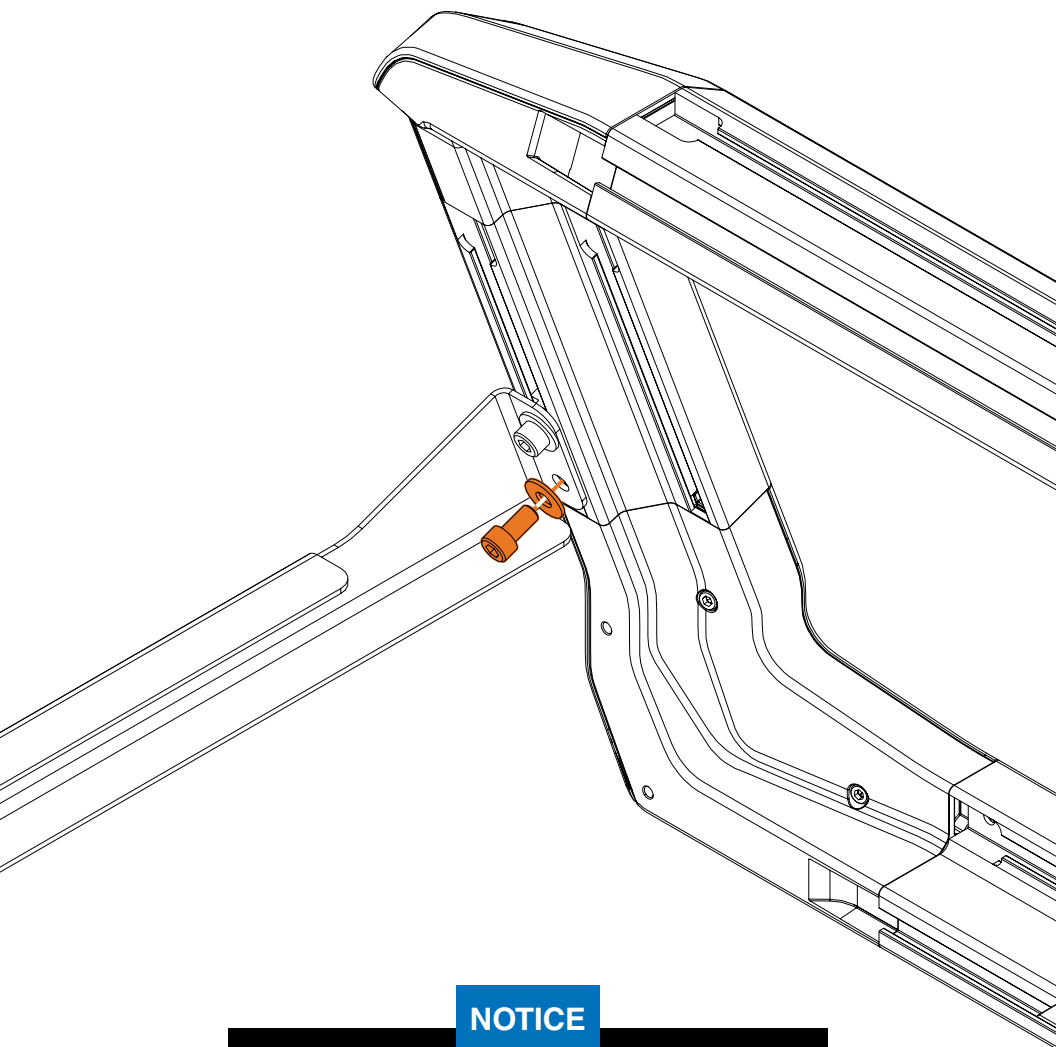
NOTICE

**The use of medium strength thread locker
is recommended**

- 8 Align the left Stabilizer bottom with previously placed T-Nut and secure using (1) M8 x 12 Bolt and (1) M8 Washer.

Once installed, torque top and bottom bolts to 21 Nm.

Center Stabilizer bolts will be fully-tightened in a later step.

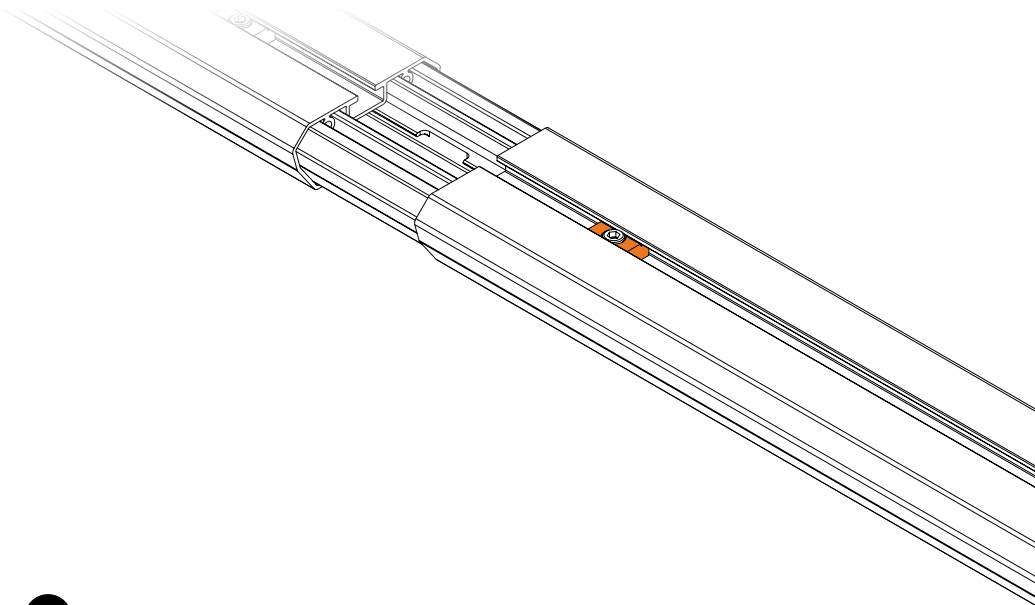


NOTICE

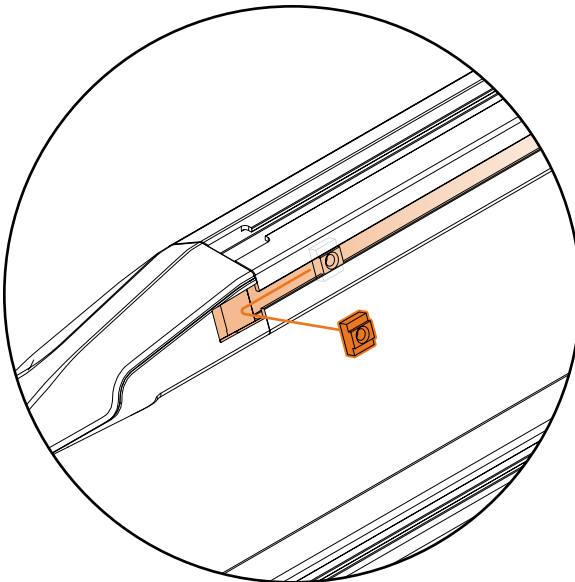
The use of medium strength thread locker is recommended

Crossbar Installation

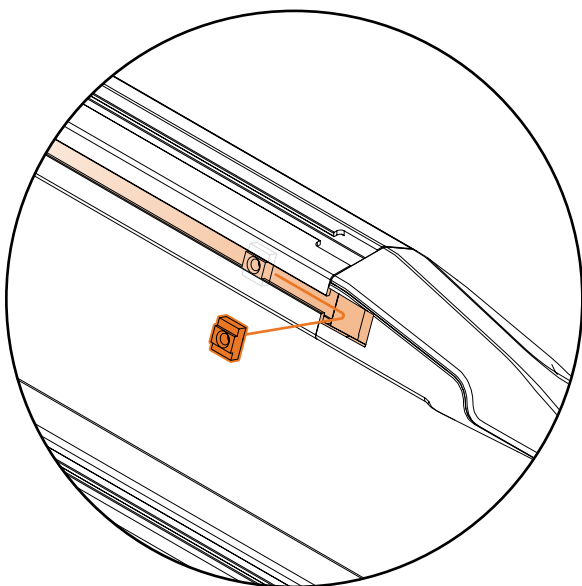
- 1 Loosen the Crossbar Bolt in the orange-colored nut.



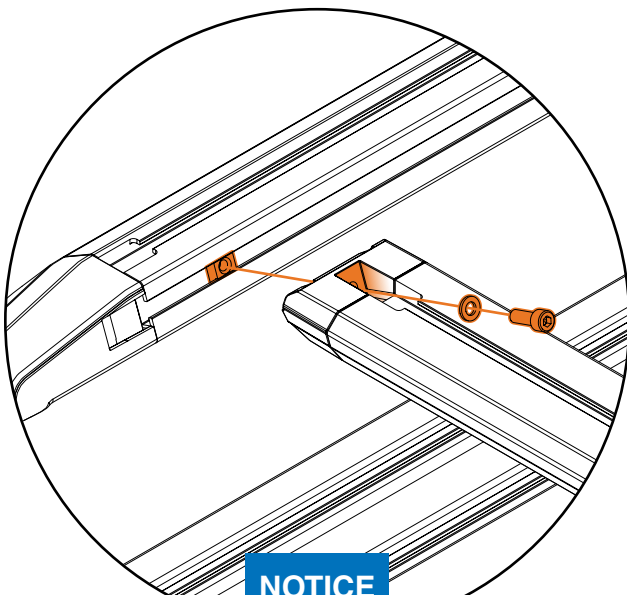
- 2 Slide T-Nut in Driver Side Upper T-Channel.



- 3 Slide T-Nut into Passenger Side Upper T-Channel.



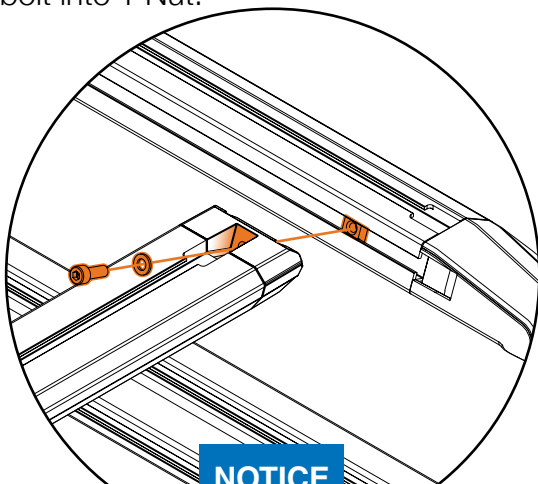
- 4 Align Crossbar to Driver Side and install M8 washer, and M8 x 22 bolt into T-Nut.



NOTICE

**The use of medium strength thread locker is recommended
Do not fully tighten.**

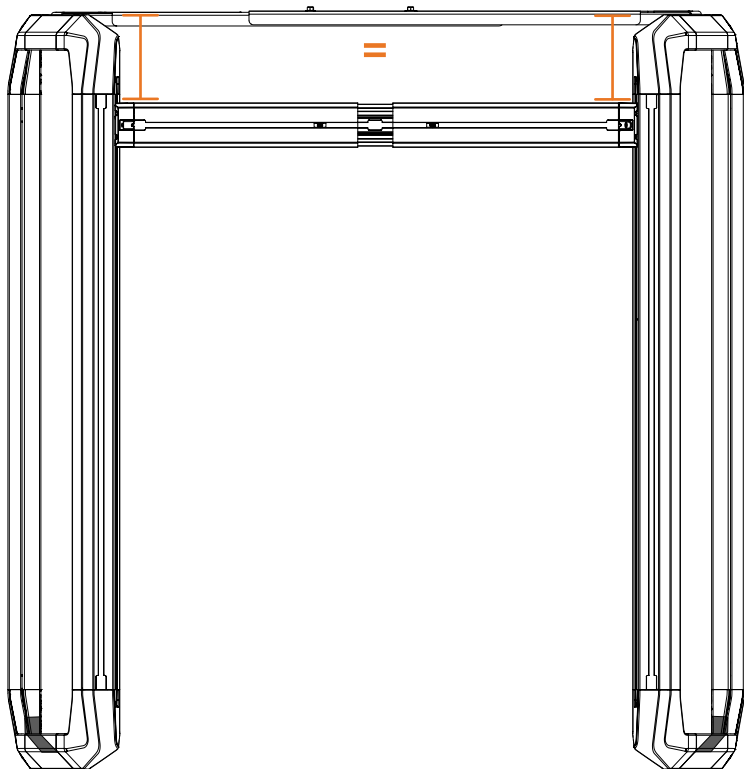
- 5 Align Crossbar to Passenger Side and install M8 washer, and M8 x 22 bolt into T-Nut.



NOTICE

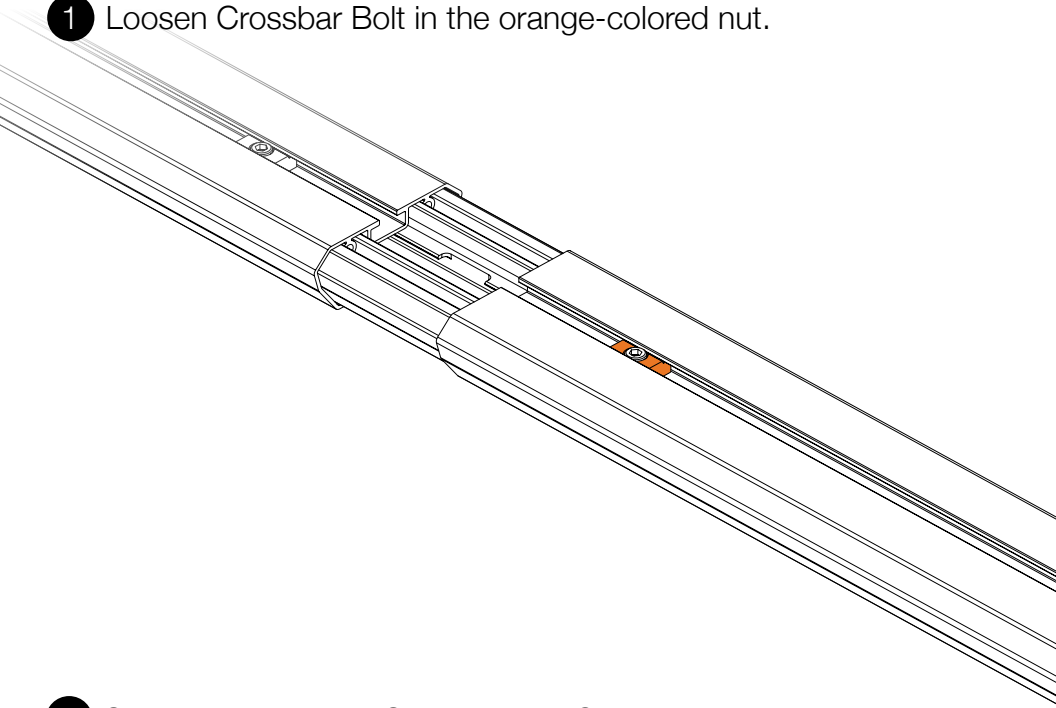
**The use of medium strength thread locker is recommended
Do not fully tighten.**

- 6 Ensure distance between the opening of the T-Channel is equal on both Driver and Passenger sides.

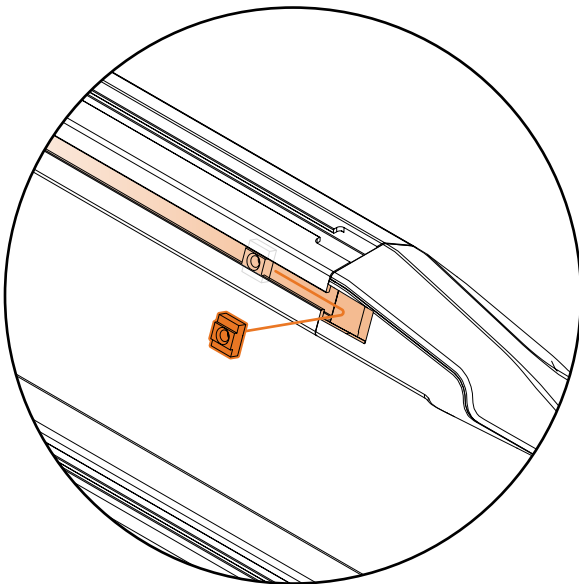


Crossbar Installation Continued

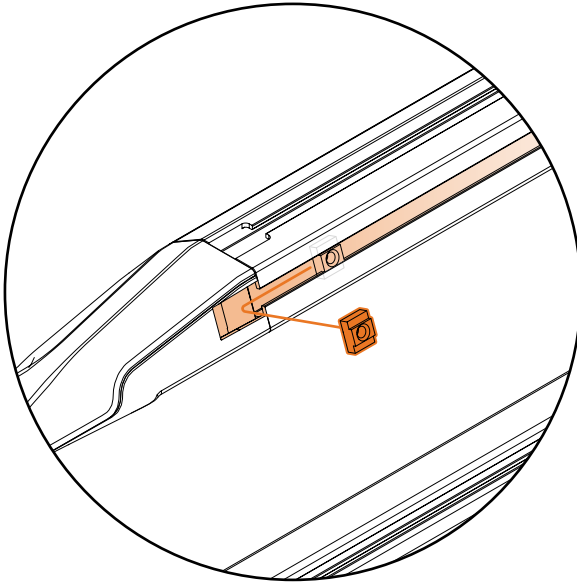
- 1 Loosen Crossbar Bolt in the orange-colored nut.



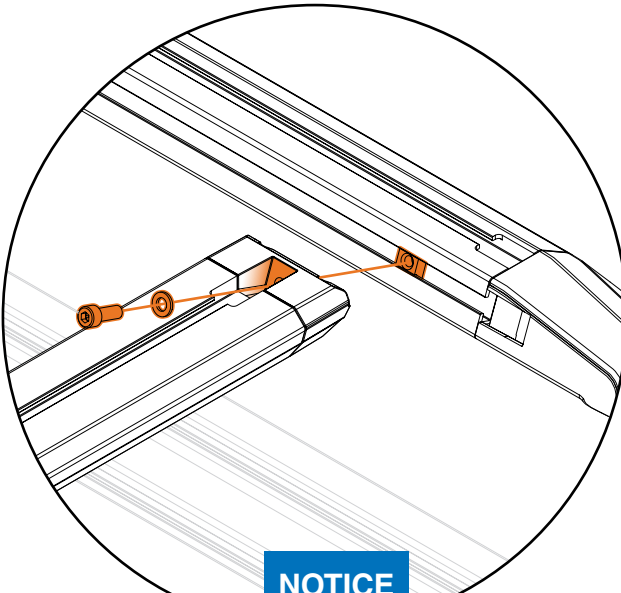
- 2 Slide T-Nut in Driver Side Upper T-Channel.



- 3 Slide T-Nut in Passenger Side Upper T-Channel.



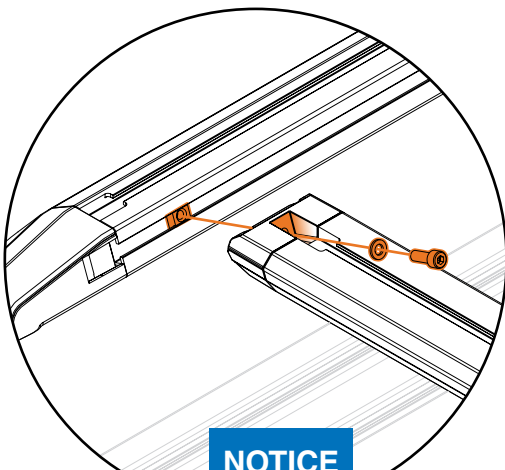
- 4 Align Crossbar to Driver Side and install M8 washer, and M8 x 22 bolt into T-Nut.



NOTICE

**The use of medium strength thread locker is recommended
Do not fully tighten.**

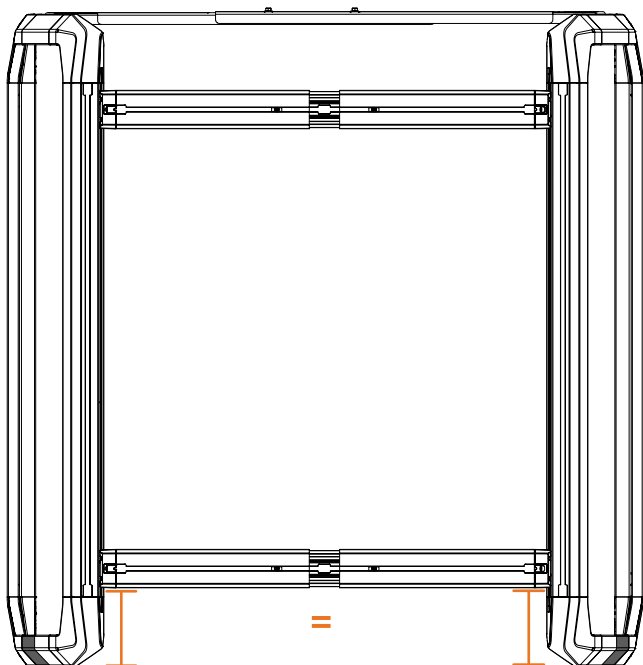
- 5 Align Crossbar to Passenger Side and install M8 washer, and M8 x 22 bolt into T-Nut.



NOTICE

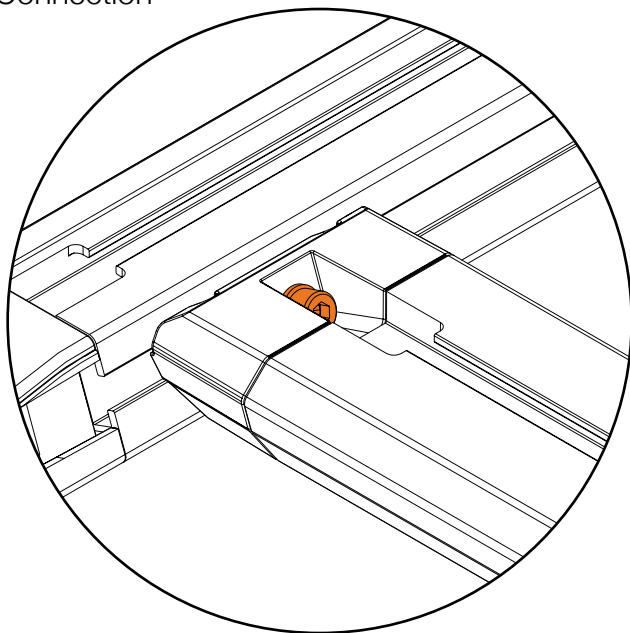
**The use of medium strength thread locker is recommended
Do not fully tighten.**

- 6 Ensure distance between the opening of the T-Channels and the Crossbar is equal on both Driver and Passenger sides.



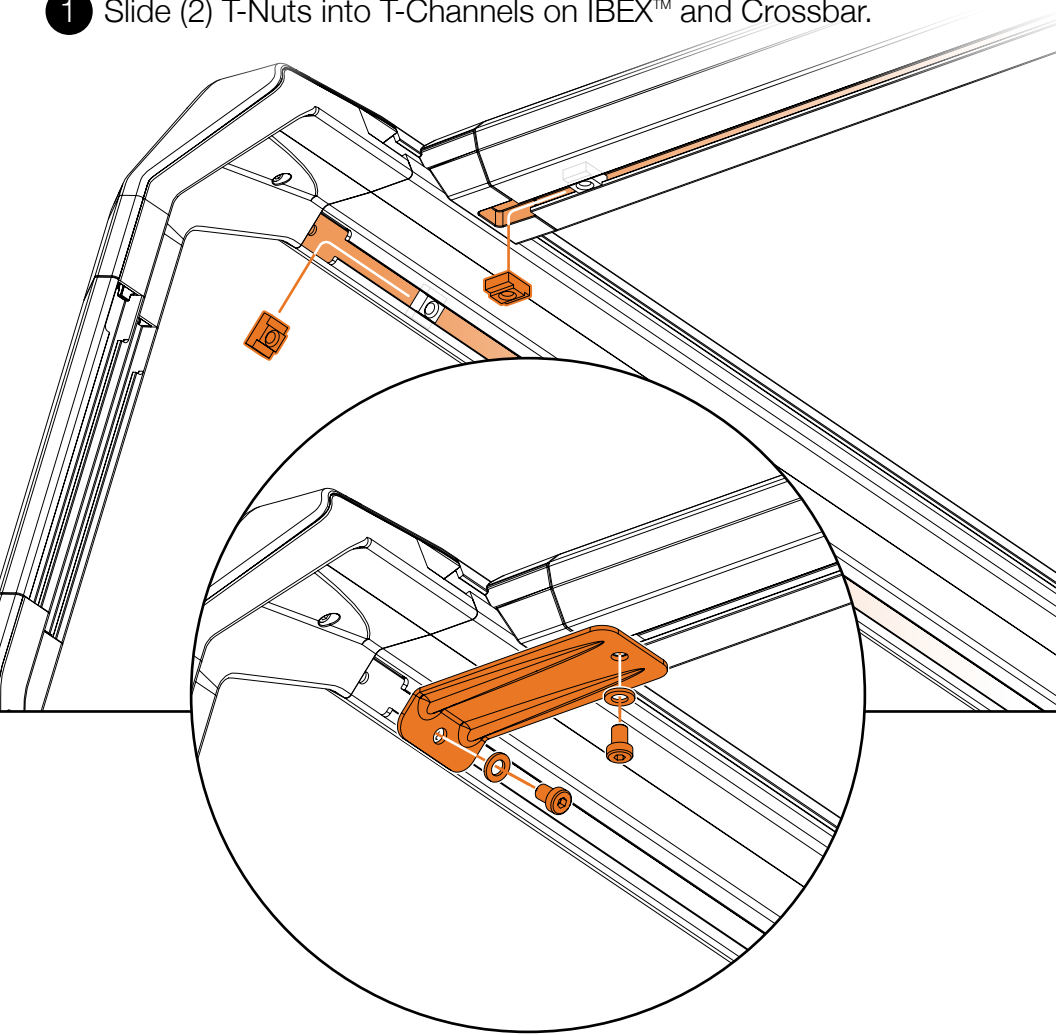
7 Torque Crossbar Connection
Bolts to **21 Nm**.

! CAUTION



IBEX™ Frame Stiffeners

- 1 Slide (2) T-Nuts into T-Channels on IBEX™ and Crossbar.



- 2 Install Stiffener, (2) M8 washers, and (2) M8 x 12 bolts into T-Nuts. Torque to **21 Nm**.



CAUTION

Torque to 21 Nm

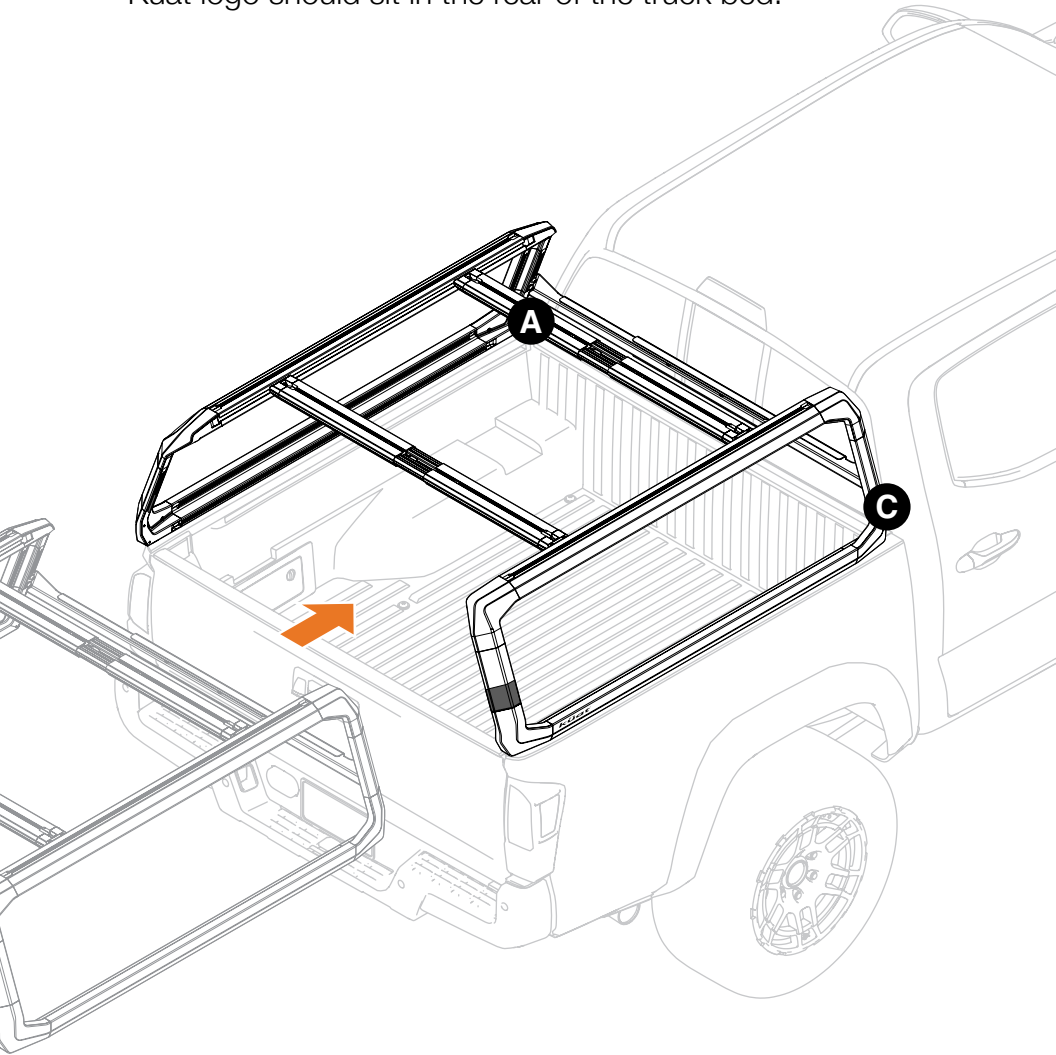
NOTICE

**The use of medium strength
thread locker is recommended
Do not fully tighten.**

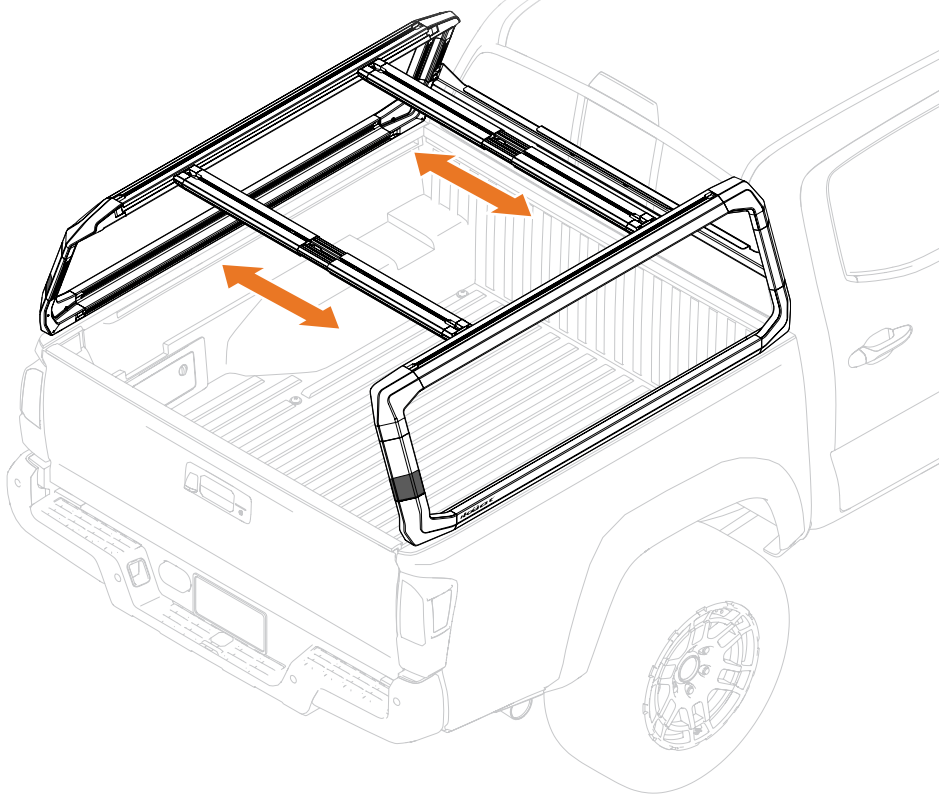
Repeat this process for the three remaining corners.

Placing IBEX™ on Truck

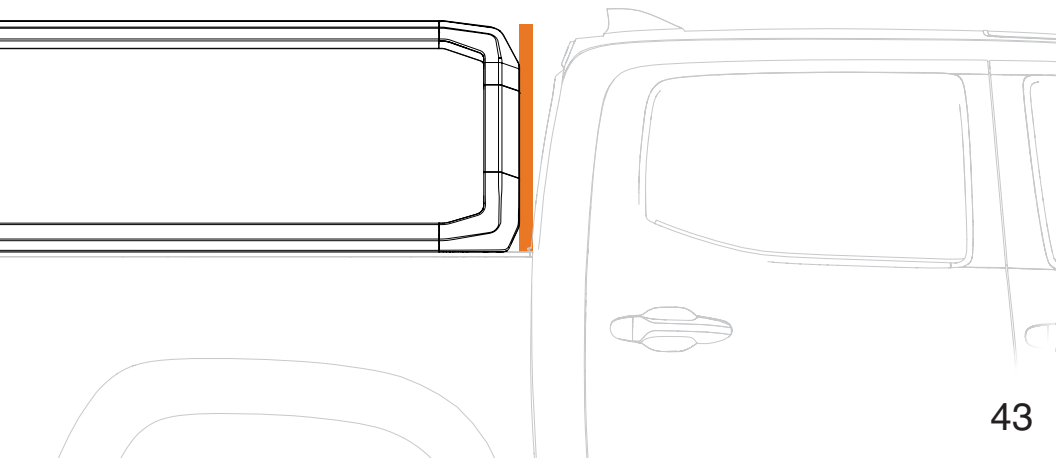
- 1 Team lift the assembled IBEX™ onto truck bed ensuring parts **A** and **C** face truck cab. The decorative strip and Küat logo should sit in the rear of the truck bed.



- 2 With orange-colored bolts still loosened, adjust from side to side to ensure IBEX™ sits evenly on truck bed frame.



- 3 **NOTICE** Leave at least 1.5" of clear space between frame and truck cab.

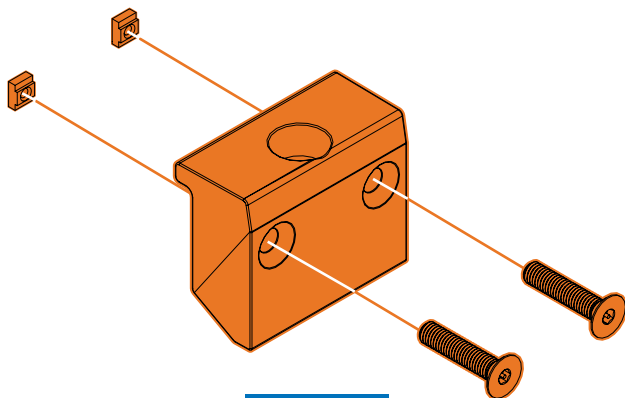


Bed Rail Clamp

1

(For trucks without bed rail T-Channels)

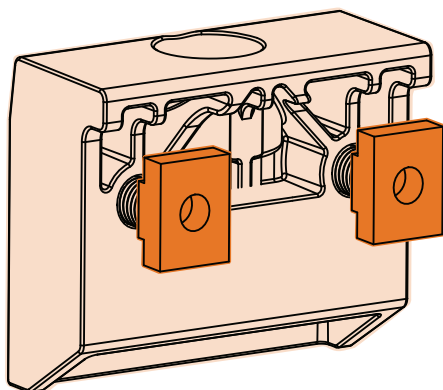
- 1 Install (2) T-Nuts onto the Upper Clamp using (2) M8 x 38 bolts.



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

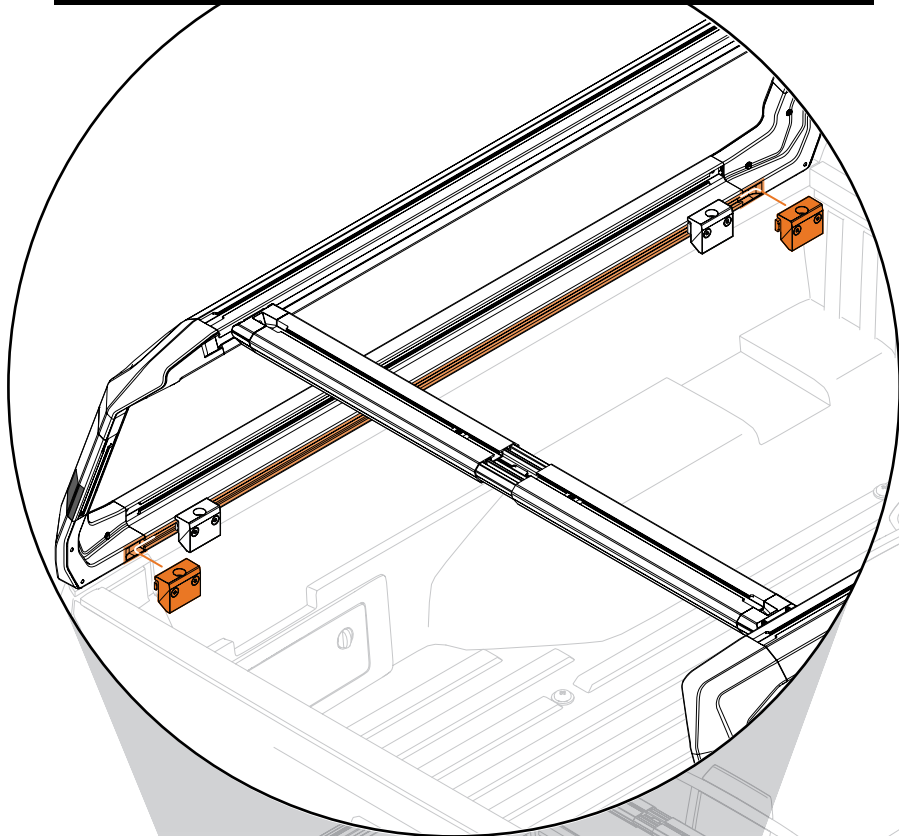
2

(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

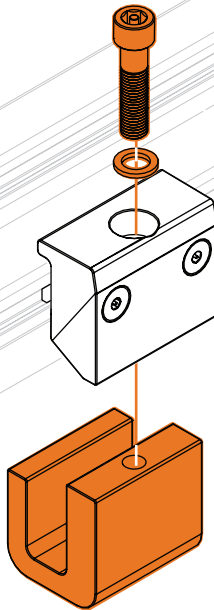
Ensure a minimum of 30" between placement of each Bed Rail Clamp.

Bed Rail Clamp

3A

(For trucks without bed rail T-Channels)

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



CAUTION

**Torque M12 bolts to 30-38 Nm
Do not overtighten**

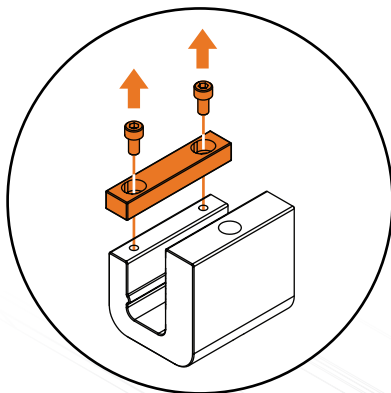
- 5 Skip to the Crossbar Tightening section of the user guide.

Bed Rail Clamp

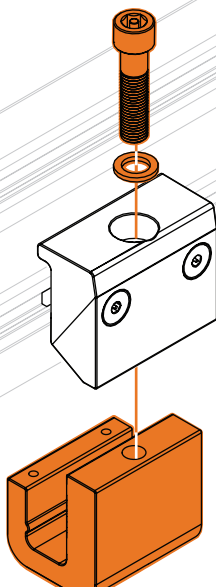
3B

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

- 4 Remove U-Connector plate.



- 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 bolts to 30-38 Nm
Do not overtighten**

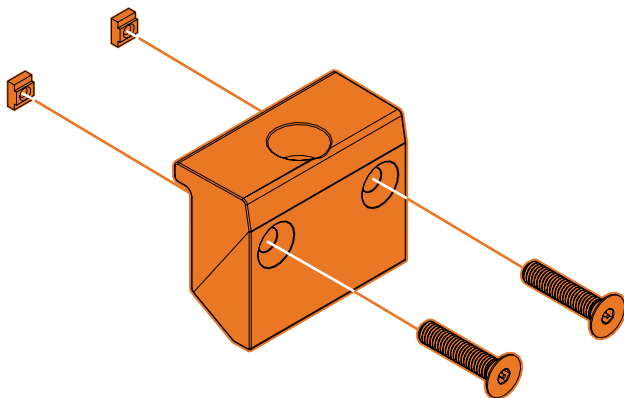
- 6 Skip to the Crossbar Tightening section of the user guide.

T-Channel Clamp

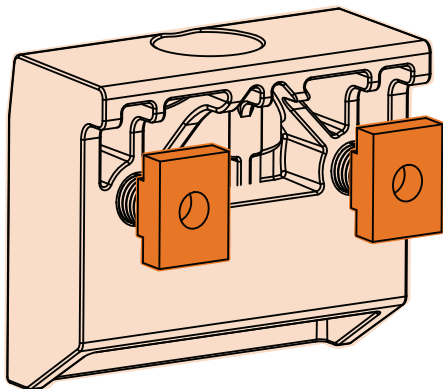
1

(For trucks with bed rail T-Channels)

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

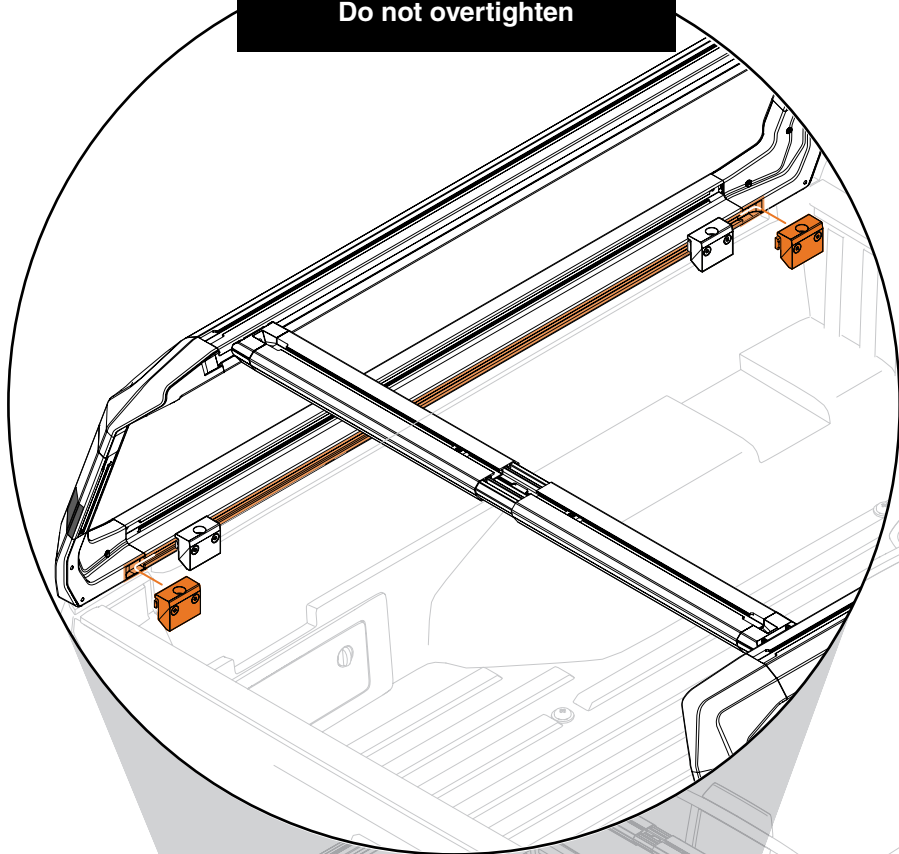
2

(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

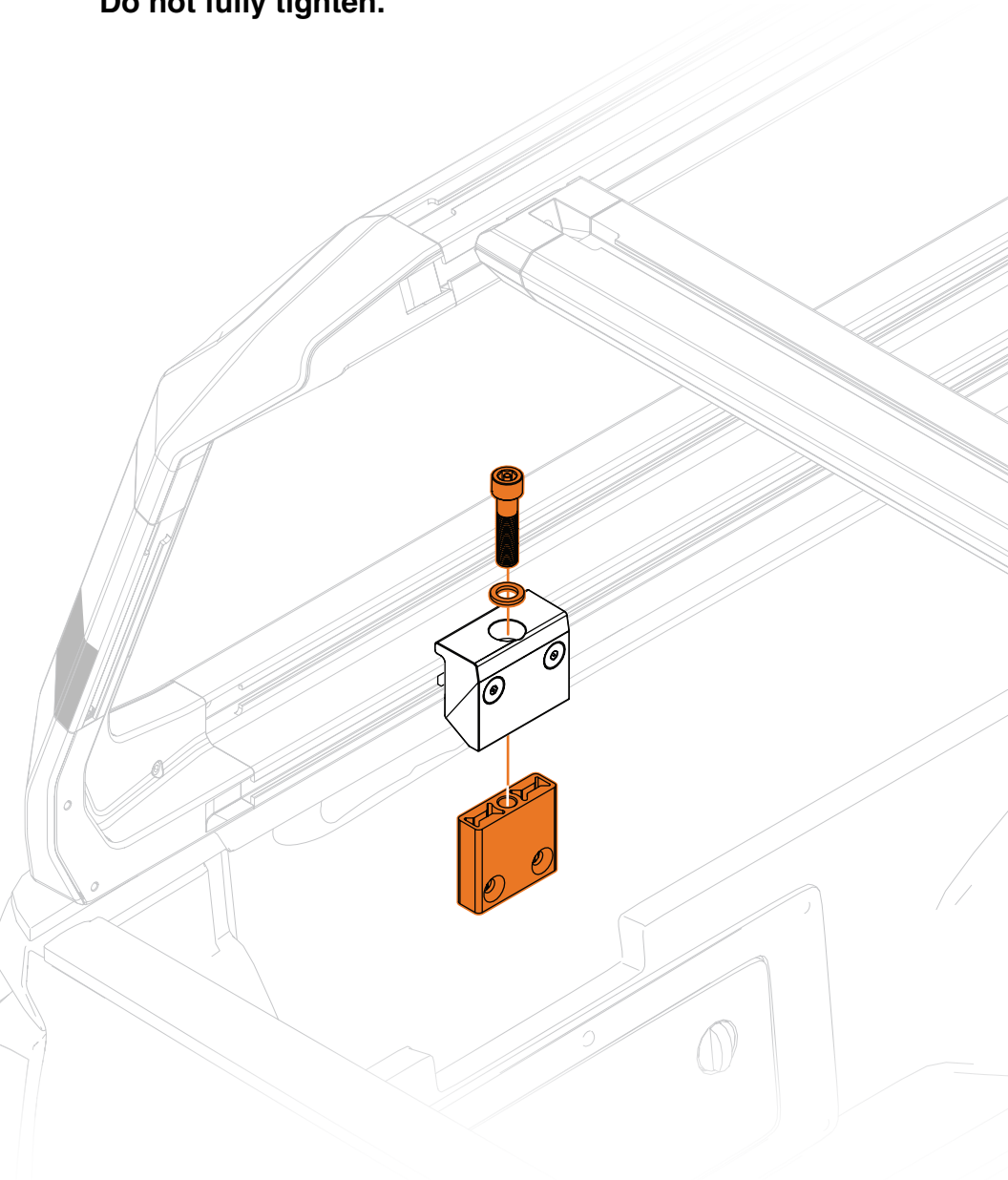
Ensure a minimum of 30" between placement of each Bed Rail Clamp.

T-Channel Clamp

3

(For trucks with bed rail T-Channels)

- 4 Install Lower Clamp using (1) M10 x 50 bolt and (1) M10 washer.
Do not fully tighten.

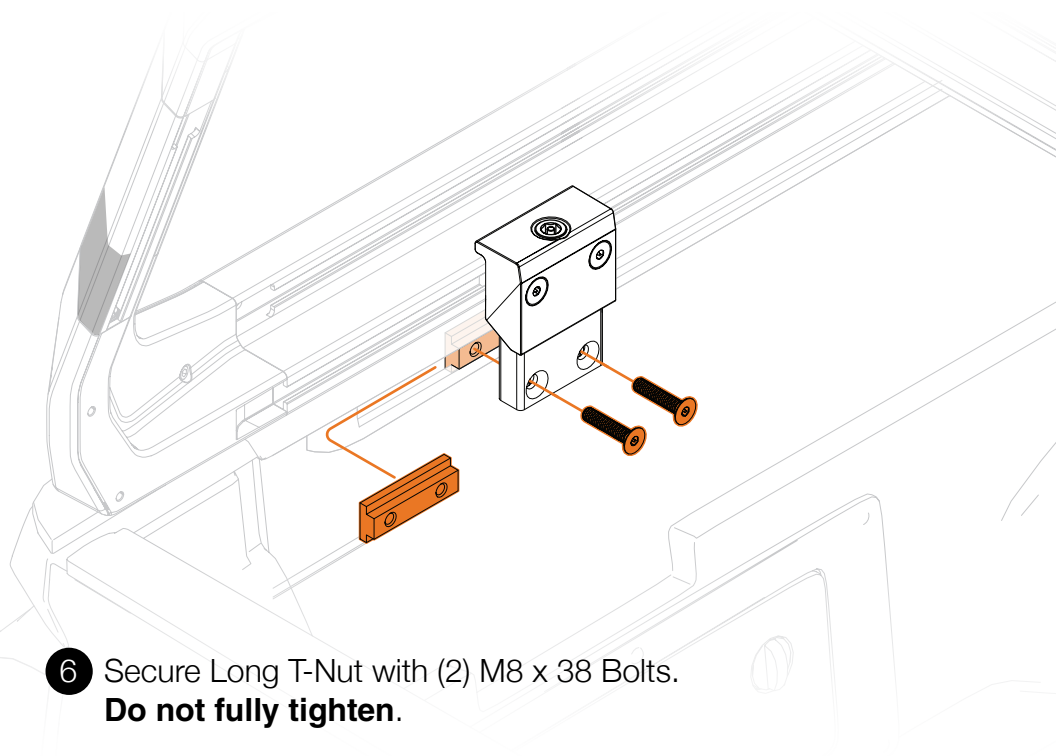


T-Channel Clamp

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.
Do not fully tighten.

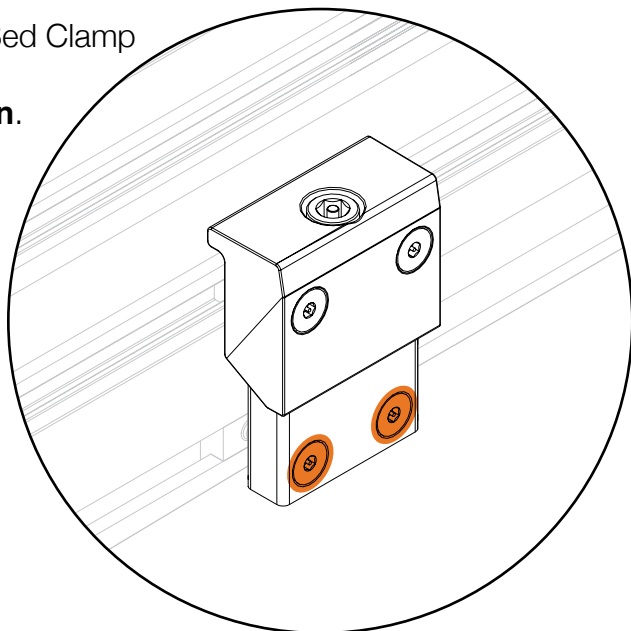
- 7 Repeat this process for the three remaining T-Channel
Bed Clamp locations.

Tightening onto T-Channel

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

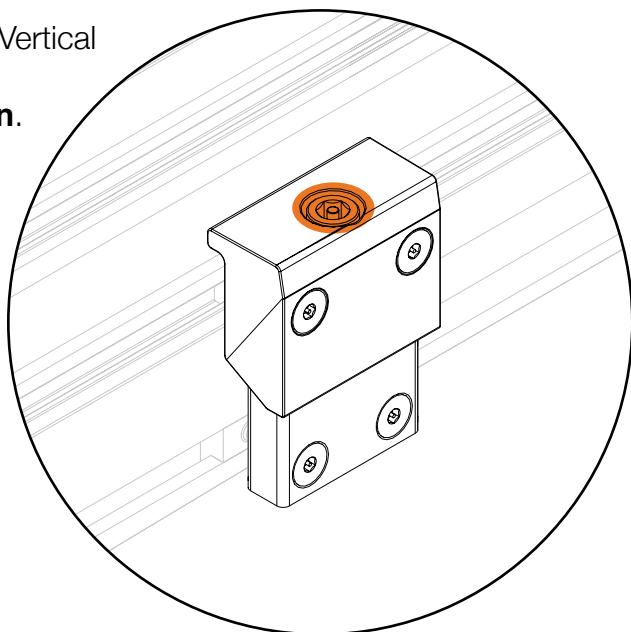
1 **! CAUTION**

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



2 **! CAUTION**

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

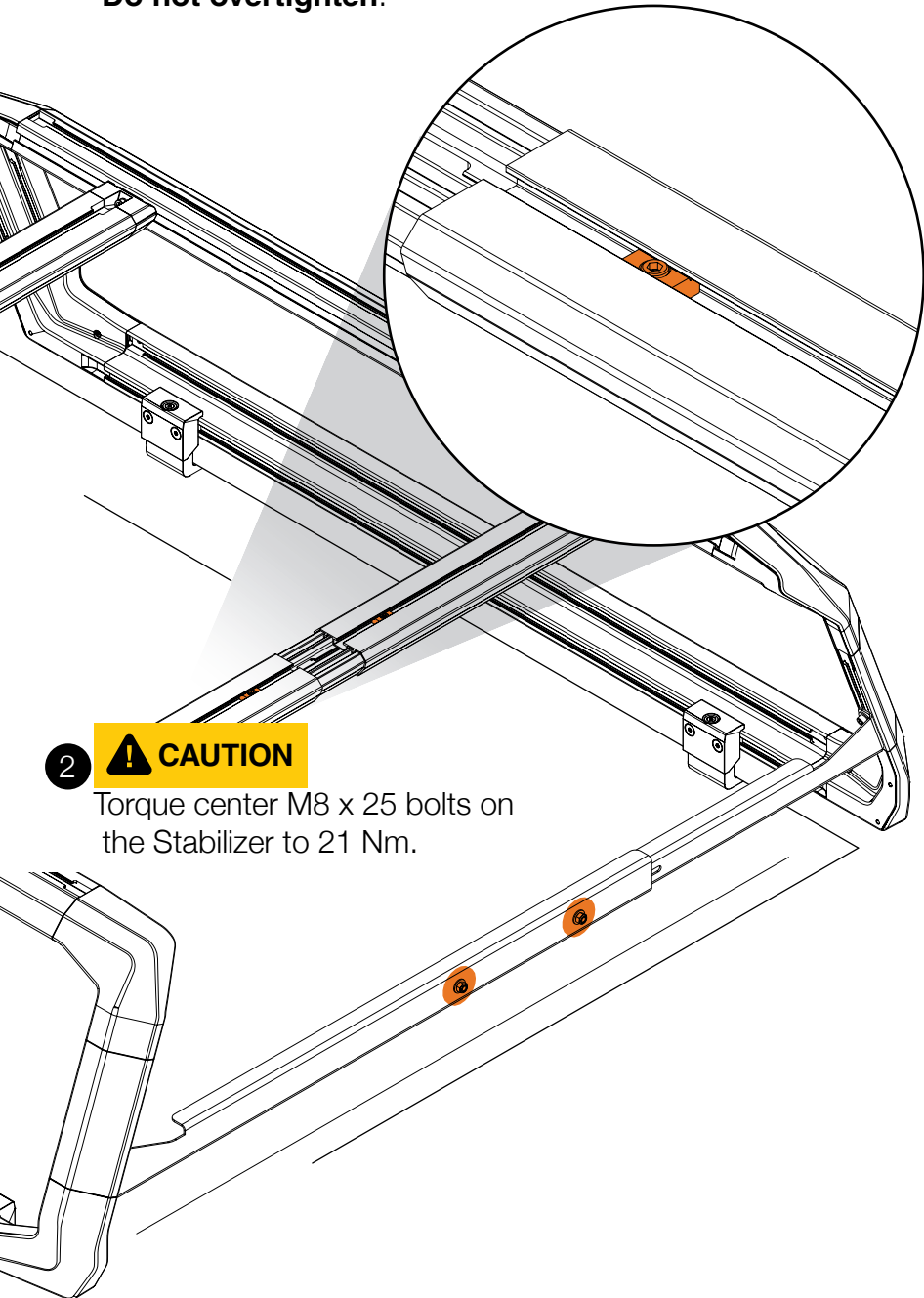


Crossbar | Stabilizer Tightening

1

! CAUTION

Torque orange-colored Crossbar Bolts to **15 Nm**.
Do not overtighten.



2

! CAUTION

Torque center M8 x 25 bolts on
the Stabilizer to 21 Nm.

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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