

HardCabs

A DFK AMERICA COMPANY

INSTALLATION INSTRUCTIONS

CUSHMAN **HAULER BALLCAGE**

v. 6OCT2016



SAFETY INSTRUCTIONS

WARNING: Failure to follow all safety and operating instructions and warnings regarding use of this product can result in serious bodily injury.

THOUROUGHLY READ ENTIRE ASSEMBLY INSTRUCTIONS BEFORE STARTING THE ASSEMBLY OF THE CAB KIT

ALL PARTS shown in the assembly instructions MUST BE INSTALLED. Failure to fully assemble the product before use could result in personal injury.

***Assembly of product requires use of hand or power tools.
If you are not experienced in using these types of tools,
have product dealer do the install for you.***

Some parts contain sharp edges, wear protective gloves if necessary.

Always keep your assembly area clean, uncluttered and well lit.

Keep visitors and children a safe distance away from the assembly area. Visitors should wear the same safety equipment described in this section.

Never operate your UTV with the cab doors open. Failure to properly latch the doors before moving the vehicle could result in serious injury.

Dress for safety. DO NOT wear loose clothing, gloves, neckties or jewelry if using power tools to assemble this product.

Insert all nut covers after you finish installation.

***Please be careful to not break the large black plastic washers by overtightening.
Torque screws to a maximum 3.7 foot-pound force (5 Nm)!!!***

WARNING: For safety purposes, if the DFK Cab doors are removed, it is mandatory that the OEM manufactured Half Doors or Nets are **REINSTALLED** before operating the vehicle.

MAINTENANCE AND CLEANING

To clean polycarbonate surface use soapy water solution or other subtle means.

Dirt and dust wash by gently water stream and swipe only with wet or damp means in the direction from top to bottom.

The recommended frequency of cleaning of polycarbonate part is about 1 time per month or according to the actual degree of pollution.

*Do not use detergents that could scratch the surface plates.
(abrasives, harsh fabrics, etc.)*

*Do not use solvents or alkaline detergents or cleaners with ammonia
(ammonium hydroxide).*

Do not remove the impurities from the surface of the razor blades or other sharp items.

Do not clean cab when the polycarbonate plates are heated by the sun.

Do not use the squeegee, it could be scratched surface plates.

Do not clean the water current strength greater than 50 bar (WAP)

The manufacturer is not responsible for scratching the surface in case of failure to comply with the above instructions.

All bolted connections of cab must be by user at regular intervals checked and tightened.

PREPARATION FOR INSTALLATION:

Uninstall all additional systems from the roller cages (work lights, rear mirrors, drink holders etc.)

[CAB PREVIEW](#)



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SUPPORT FRAME ASSEMBLY

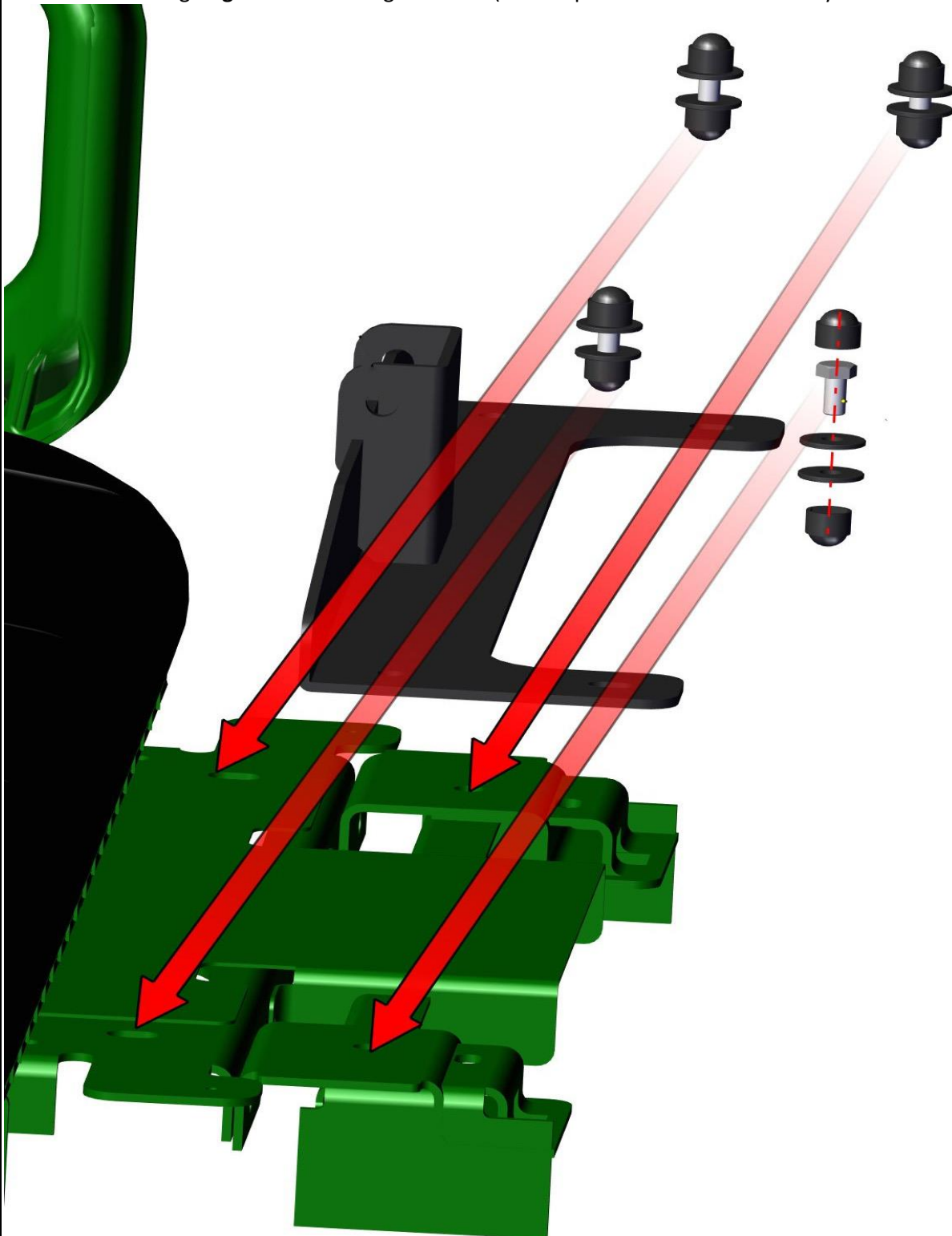
Uninstall the seat back and seat back holders, save the bolts for later use.



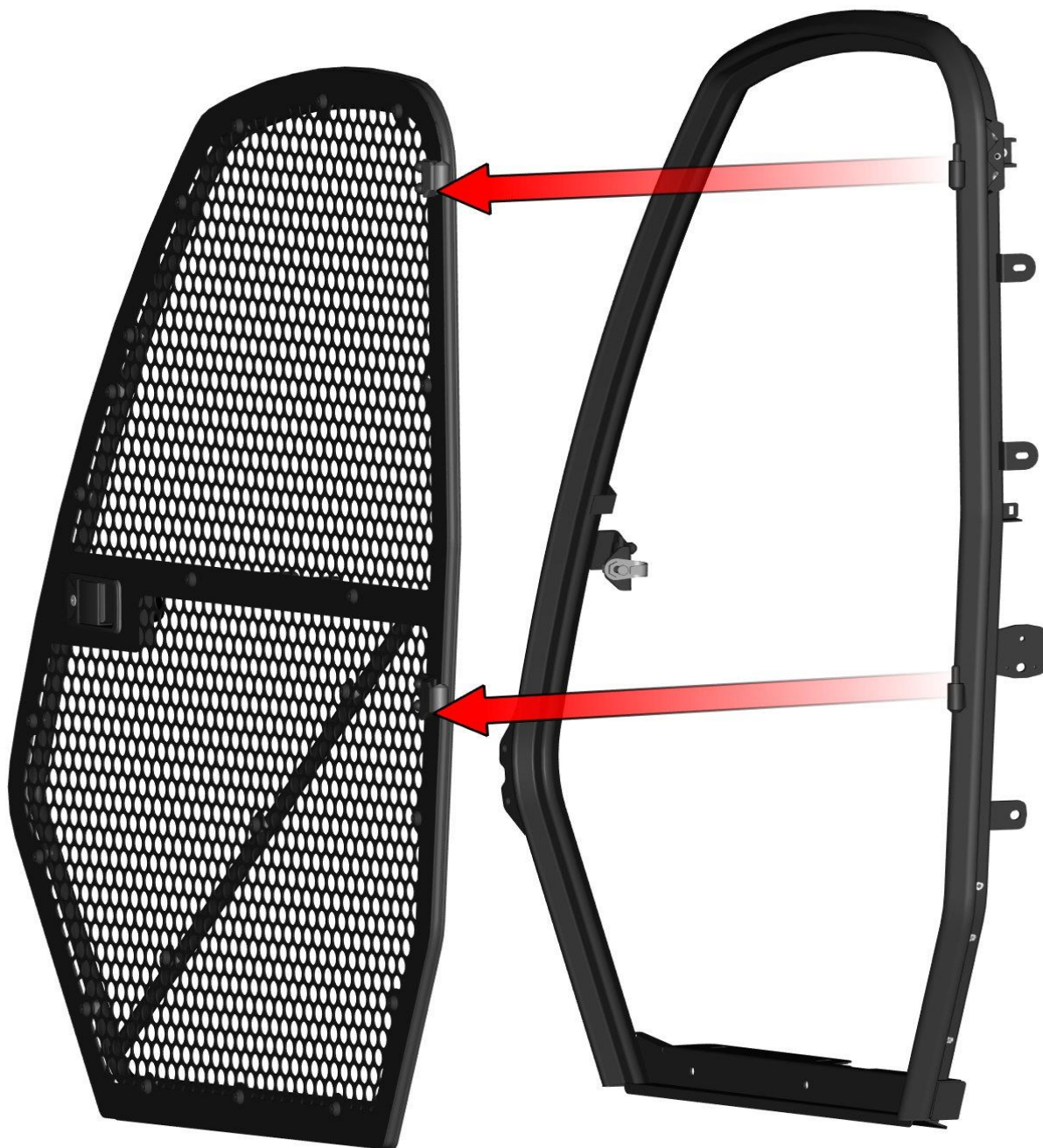
Uninstall the side floor covering ledges on both sides.



Mount the seatbelt holder ledge to the vehicle in the same location where the seat bracket formerly was installed using **original bolts** and tighten hard (use torque value recommended by manufacturer).

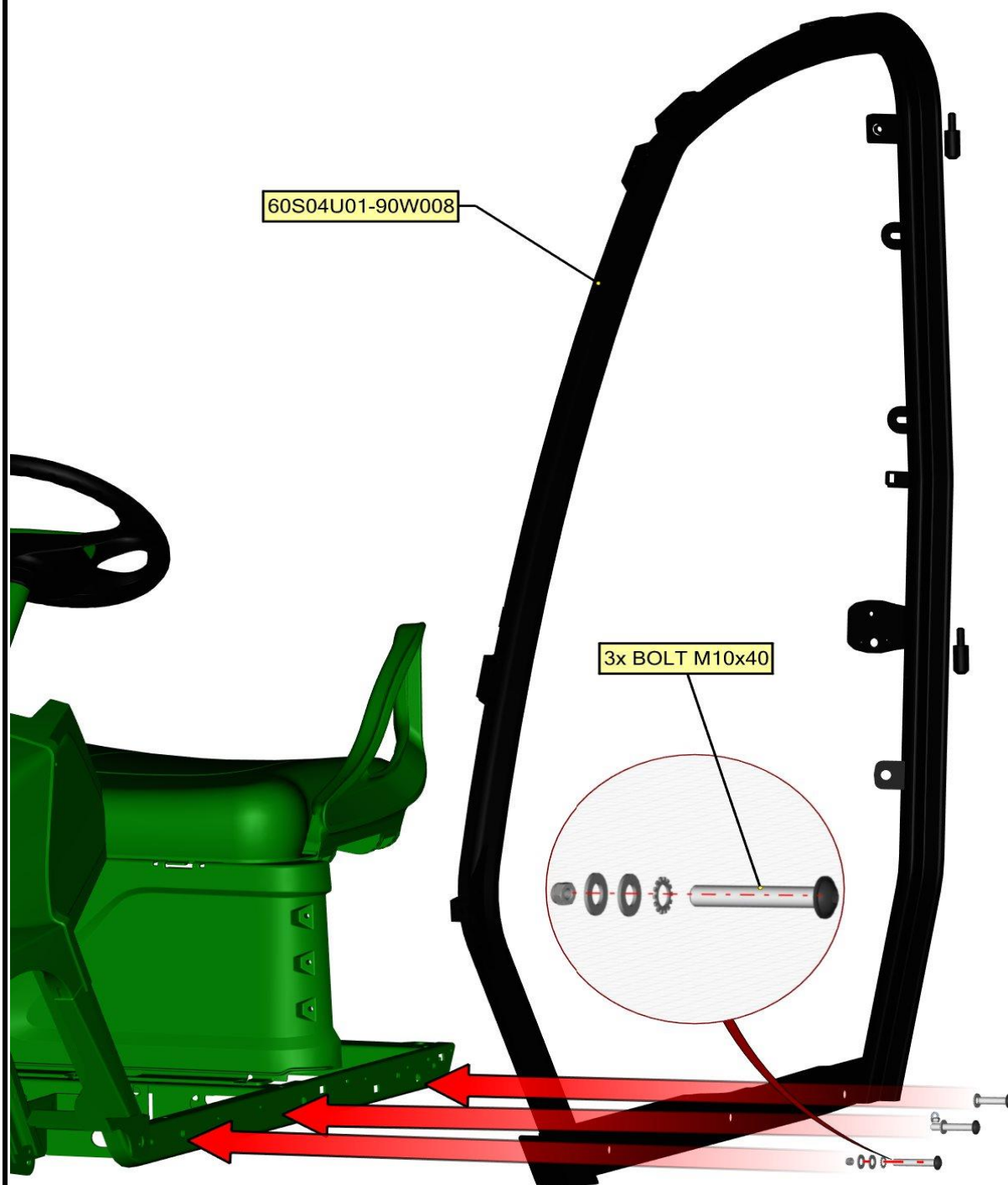


Take the left door assembly out of the left support frame.

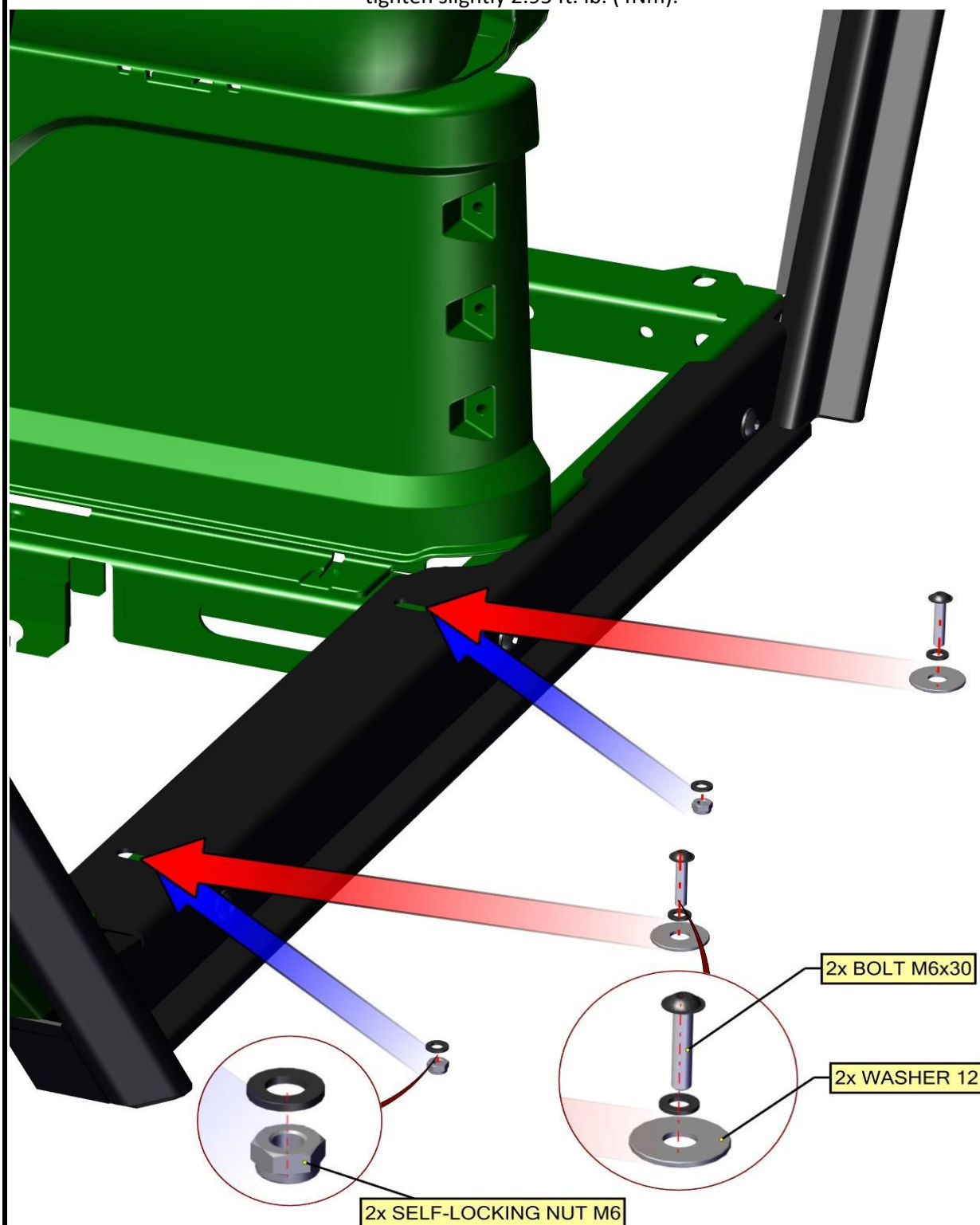


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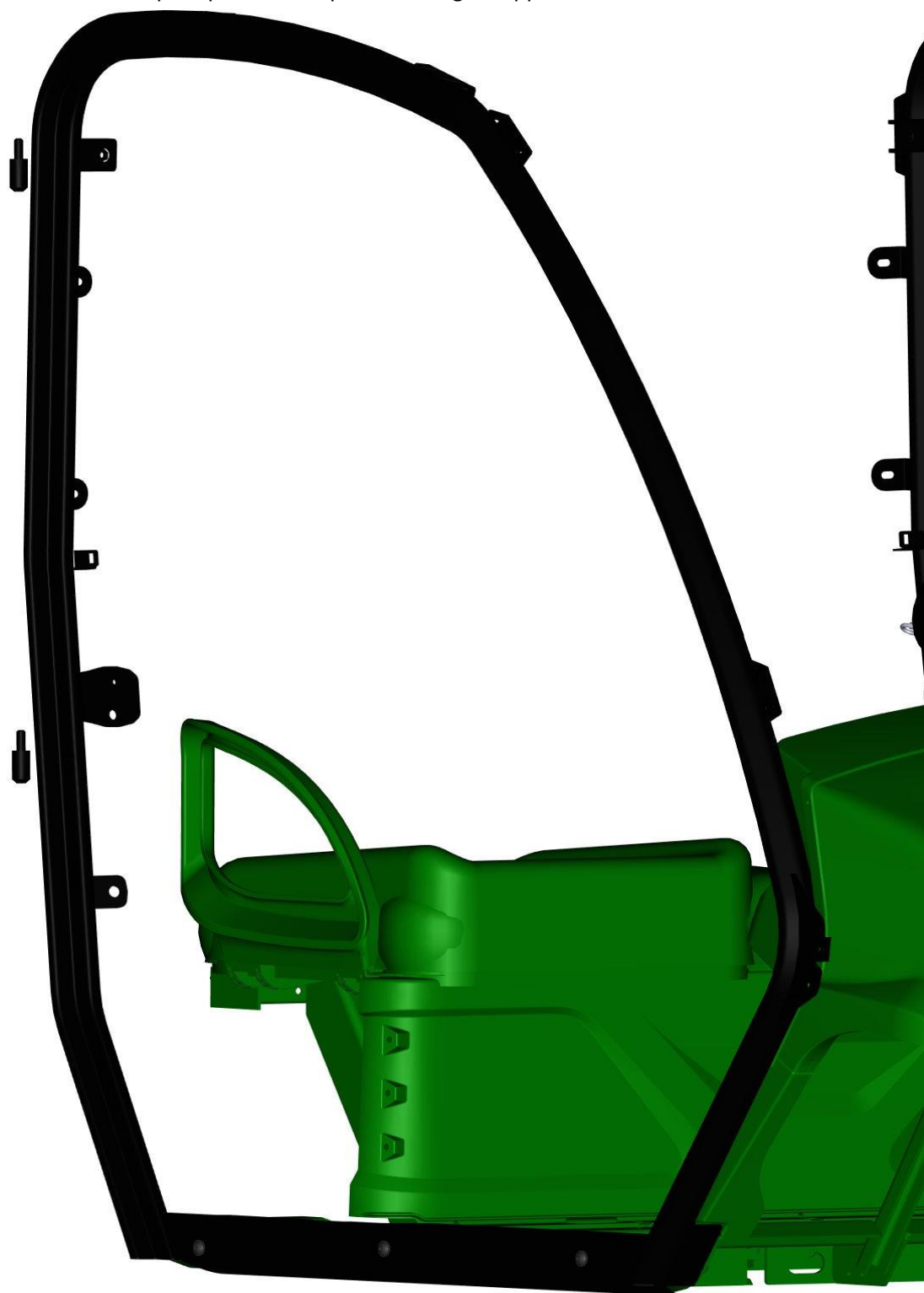
Place the left support frame onto the vehicles side and mount the left support frame to the vehicle using included bolts, washers and nuts and tighten slightly 2.95 ft. lb. (4Nm).



Mount the left support frame to the vehicle floor with included bolts, washers and nuts, tighten slightly 2.95 ft. lb. (4Nm).

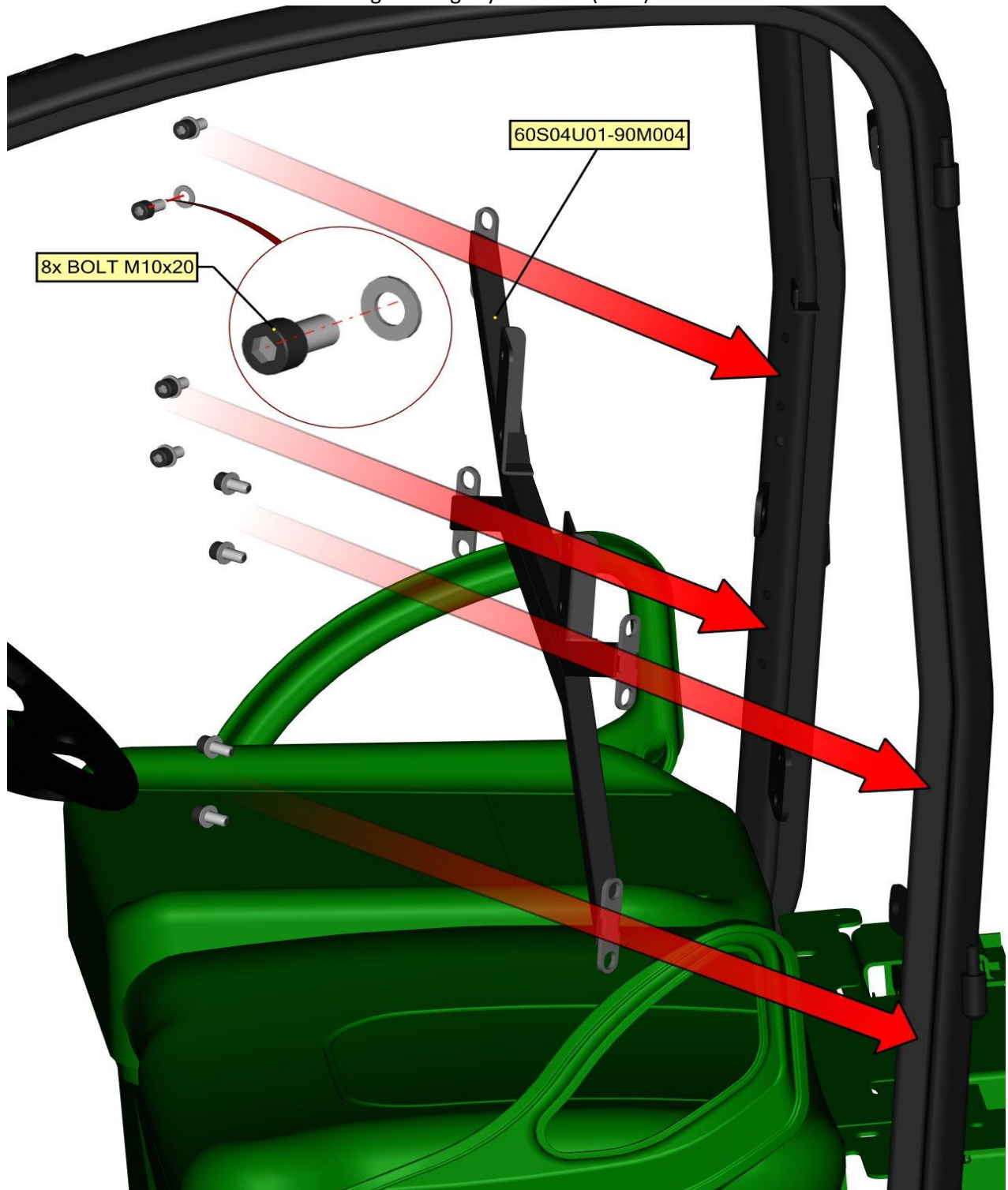


Repeat previous step with the right support frame.

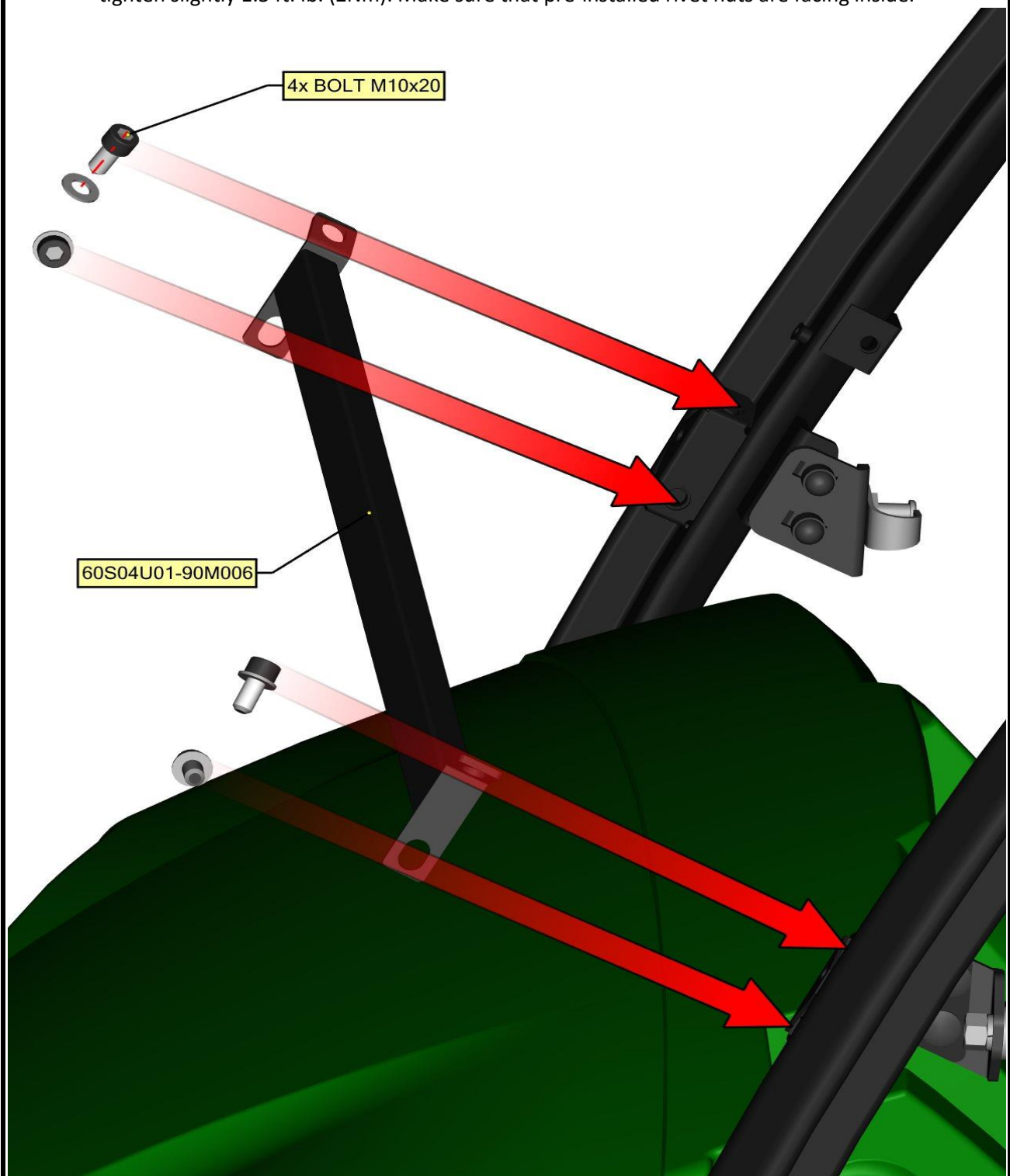


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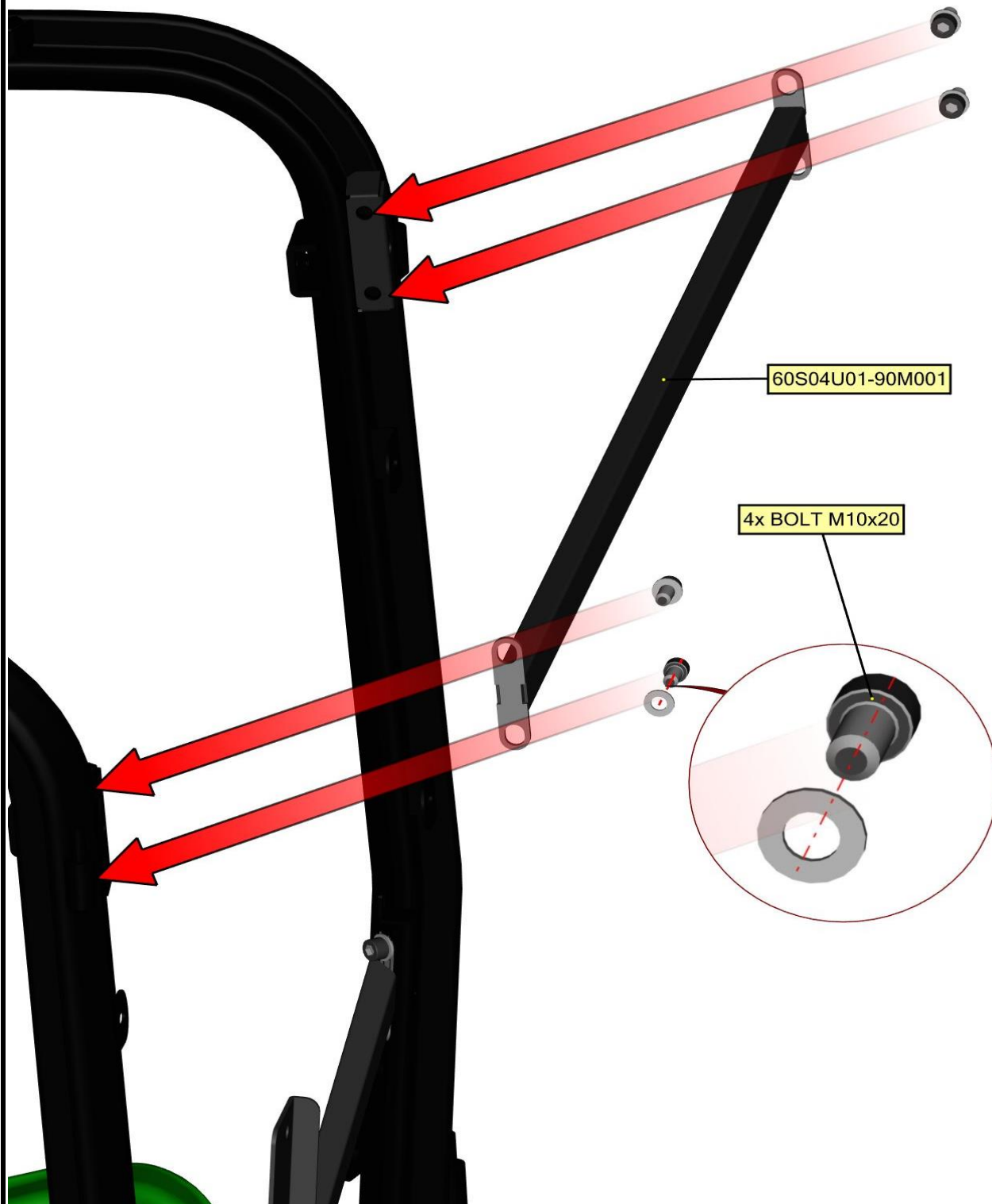
Place the rear "X" cross onto the frames and mount it with the included bolts and washers and tighten slightly 1.5 ft. lb. (2Nm).



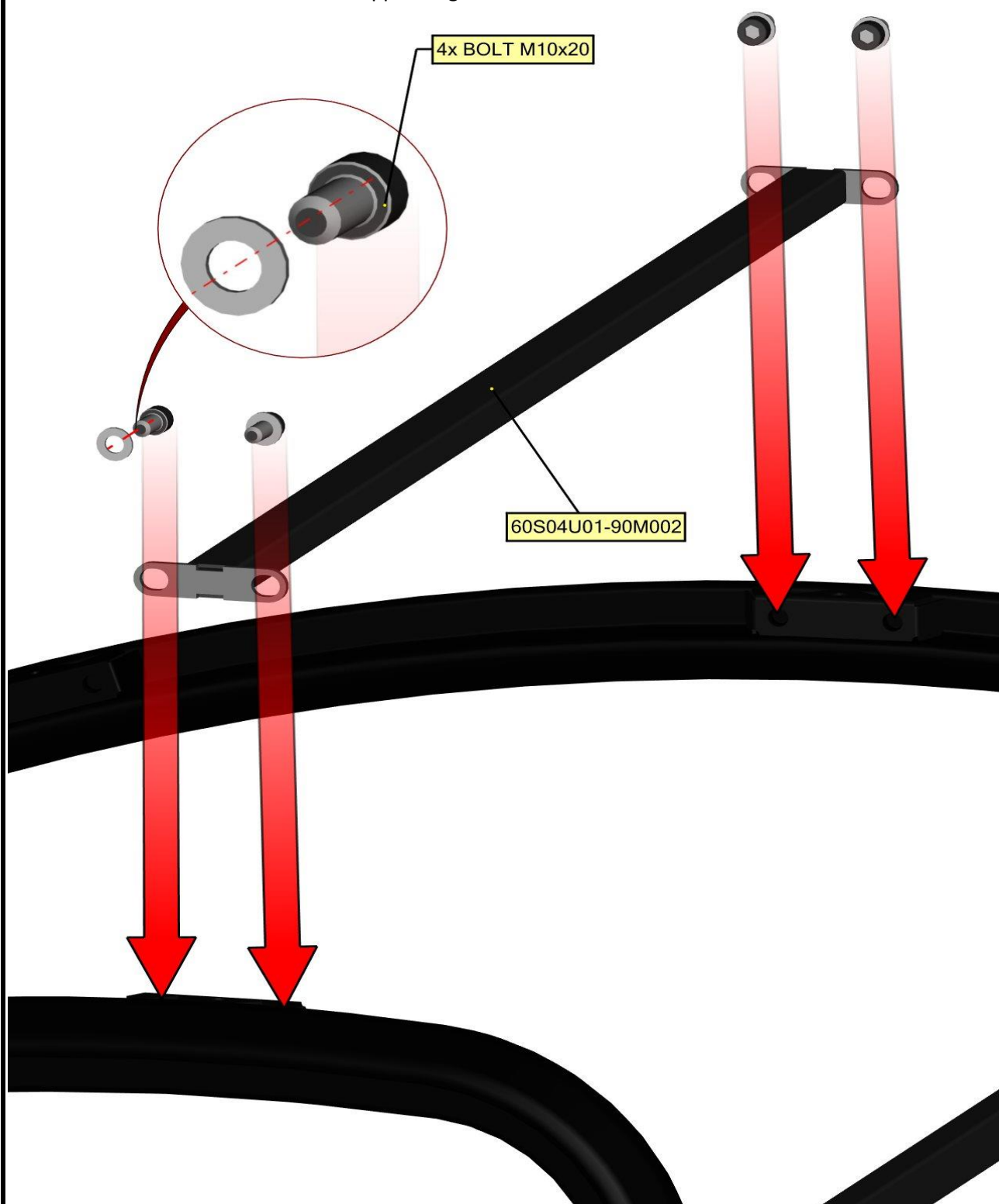
Mount the front bottom frame ledge to the support frame with included bolts and washers and tighten slightly 1.5 ft. lb. (2Nm). Make sure that pre-installed rivet nuts are facing inside.



Mount the roof ledges to the support frame with included bolts and washers from longest to shortest and tighten slightly 1.5 ft. lb. (2Nm). Make sure that pre-installed rivet nuts are facing outside.

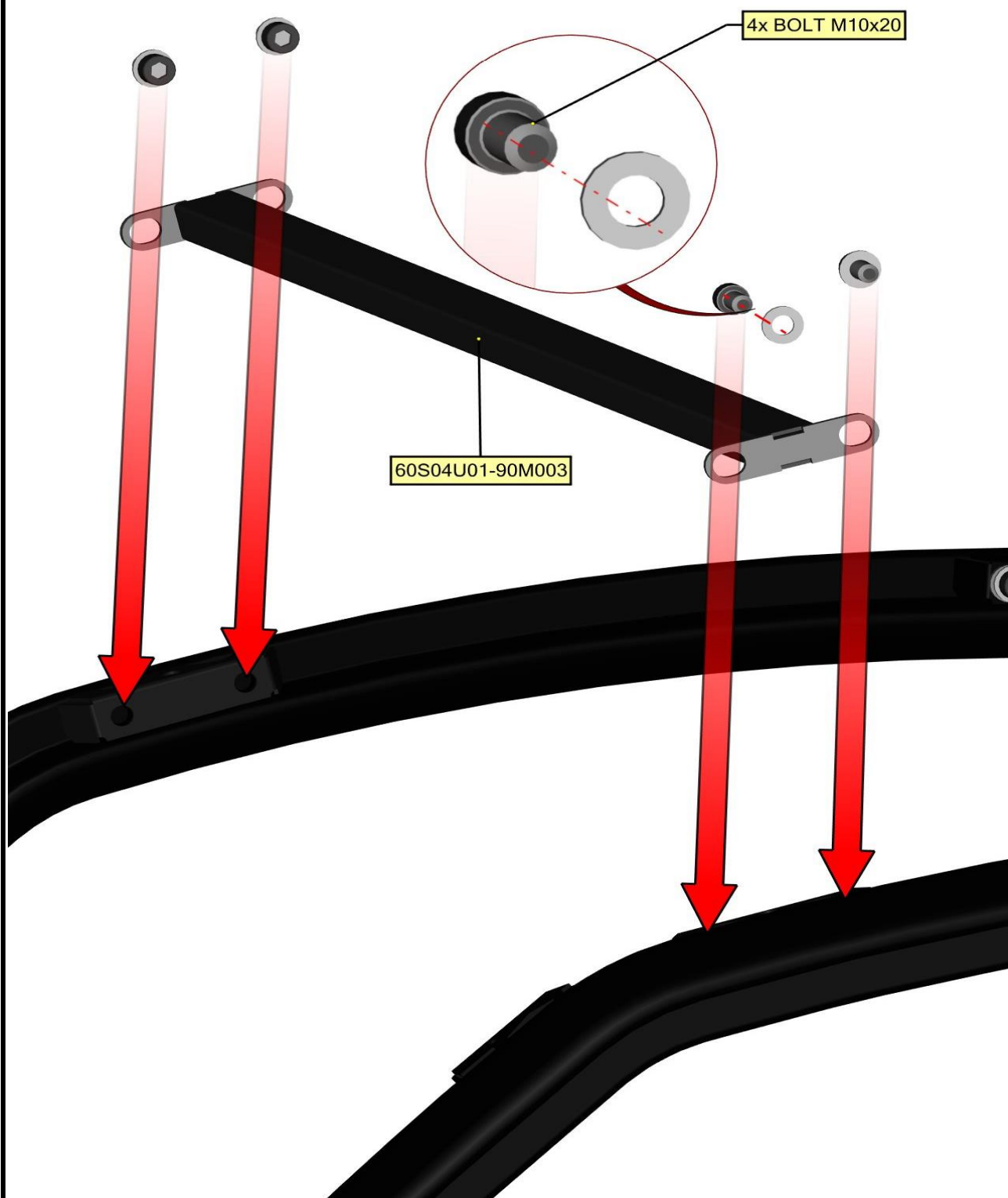


Make sure that upper ledges narrower side is oriented to front.

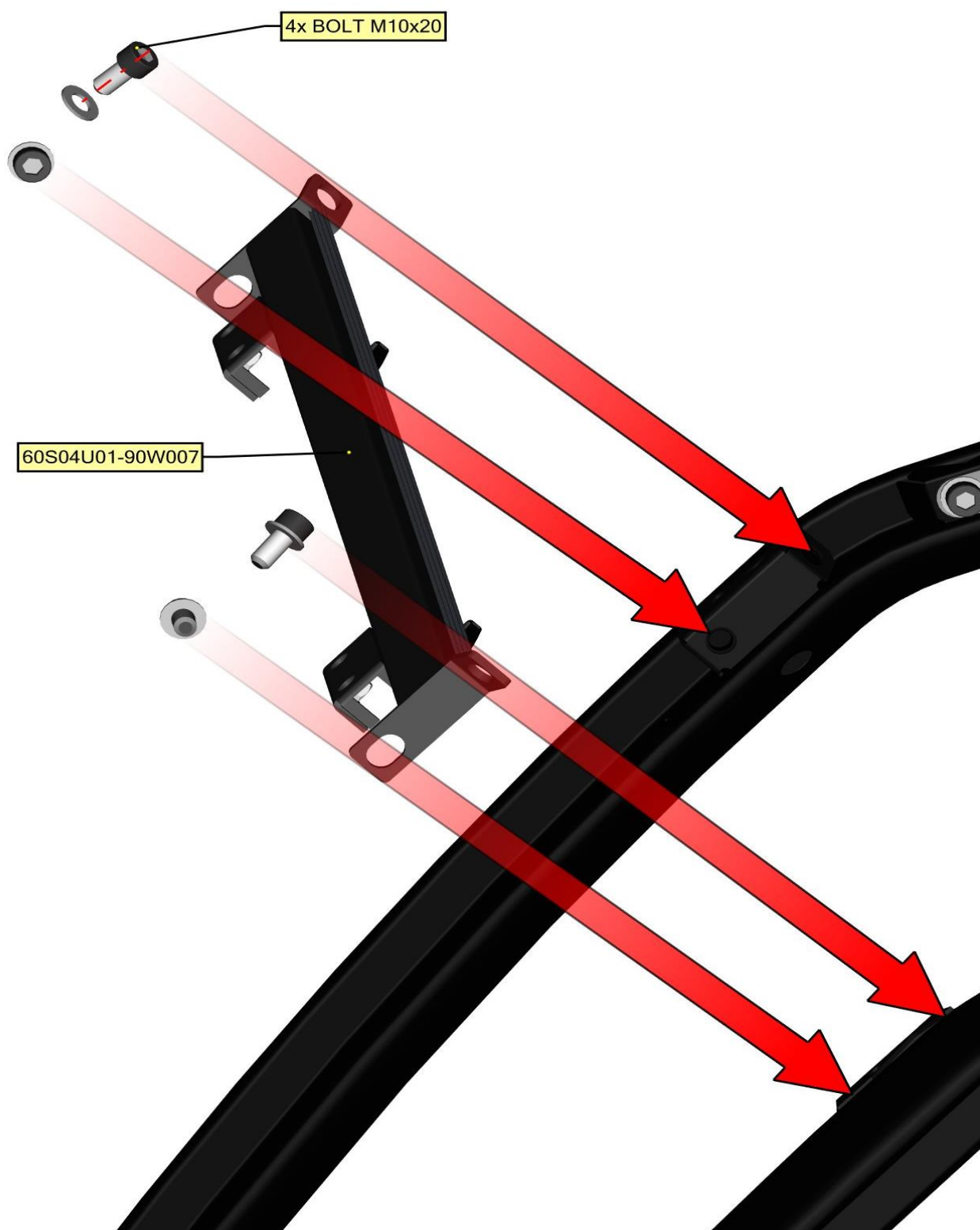


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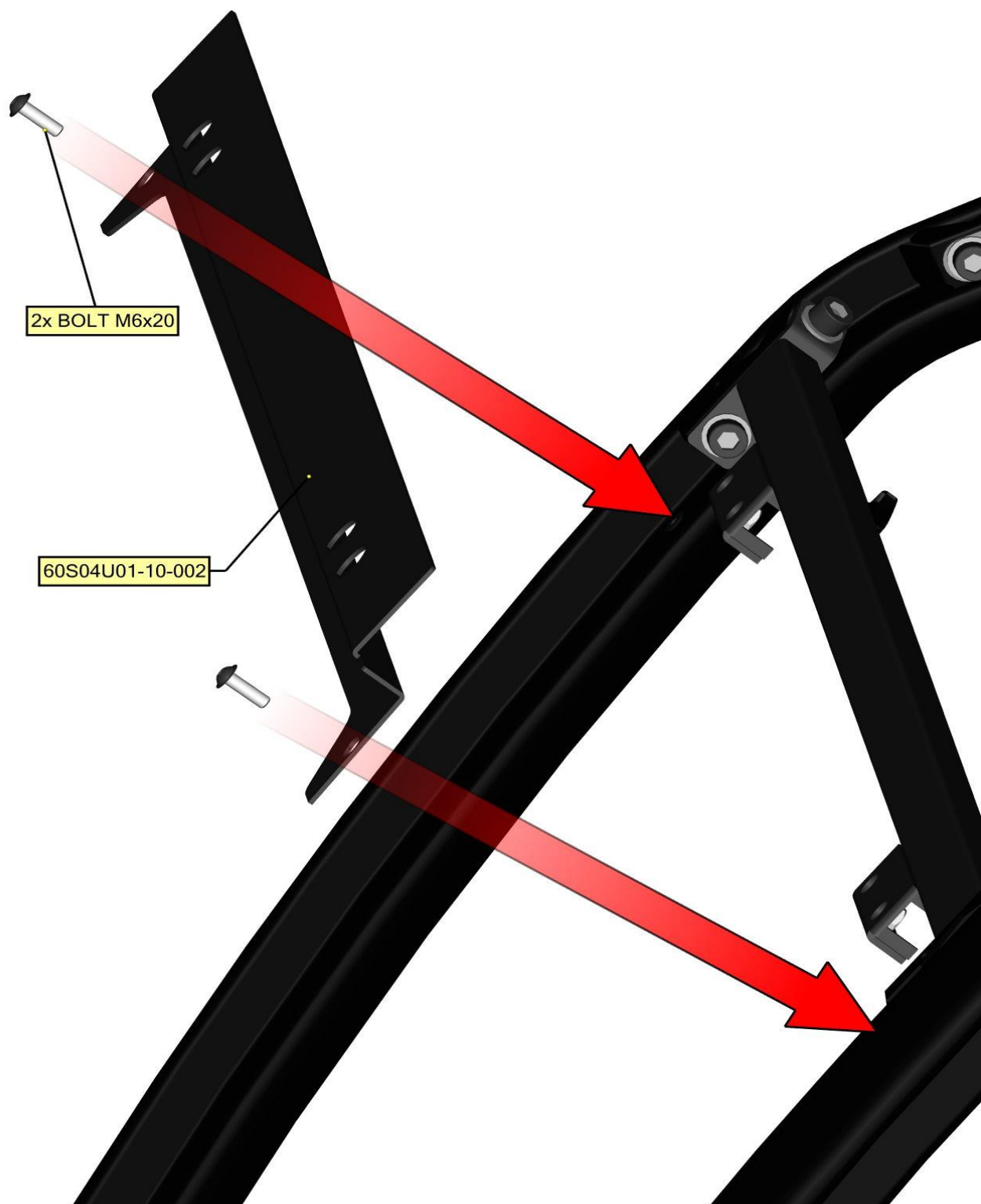
Make sure that upper ledges narrower side is oriented to front.



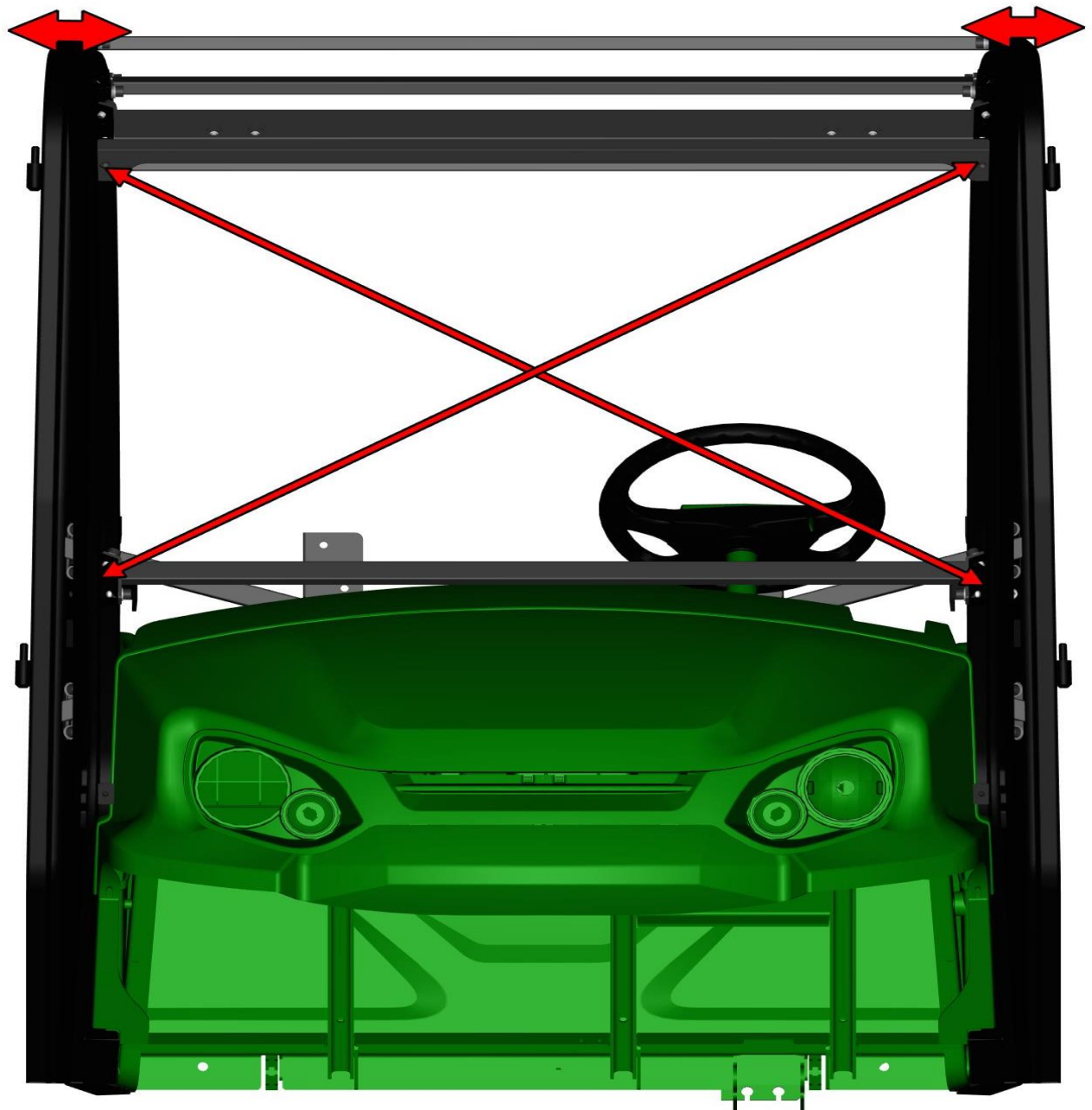
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Mount the front upper ledge cover to the frame with included bolts and tighten slightly 1.5 ft. lb. (2Nm).



IMPORTANT: Align the whole support frame assembly into correct position; make sure to check that frame is square. To do this, measure from the corners and insure that the diagonal distances are even. If not generally square, all bolts must be loosened and frame manually readjusted left or right as needed (opposite direction of the longest diagonal measurement). Re-tighten all bolts and re-measure.



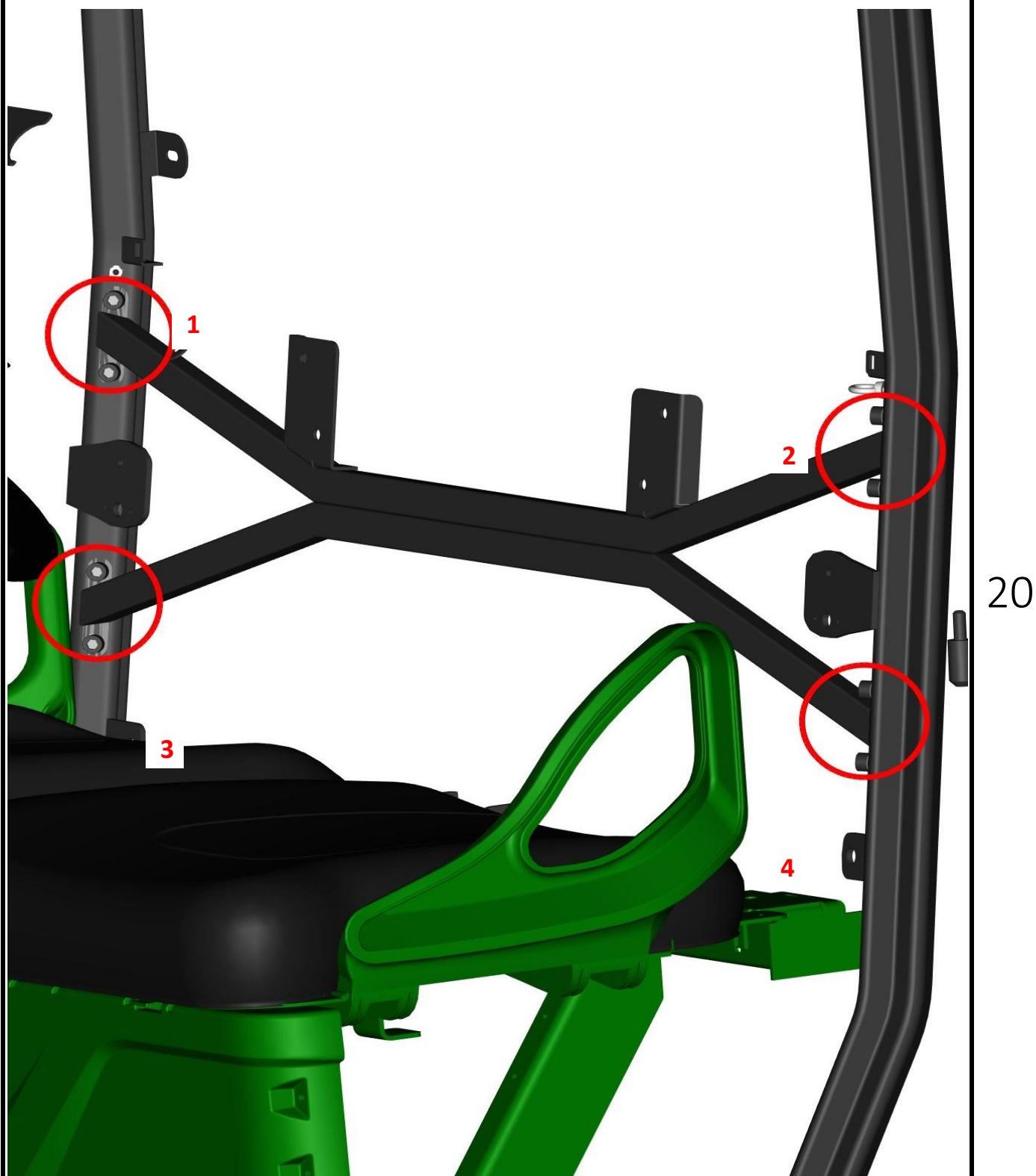
18

Tighten support frame bolts hard 35.4 ft. lb. (48 Nm) on both sides.

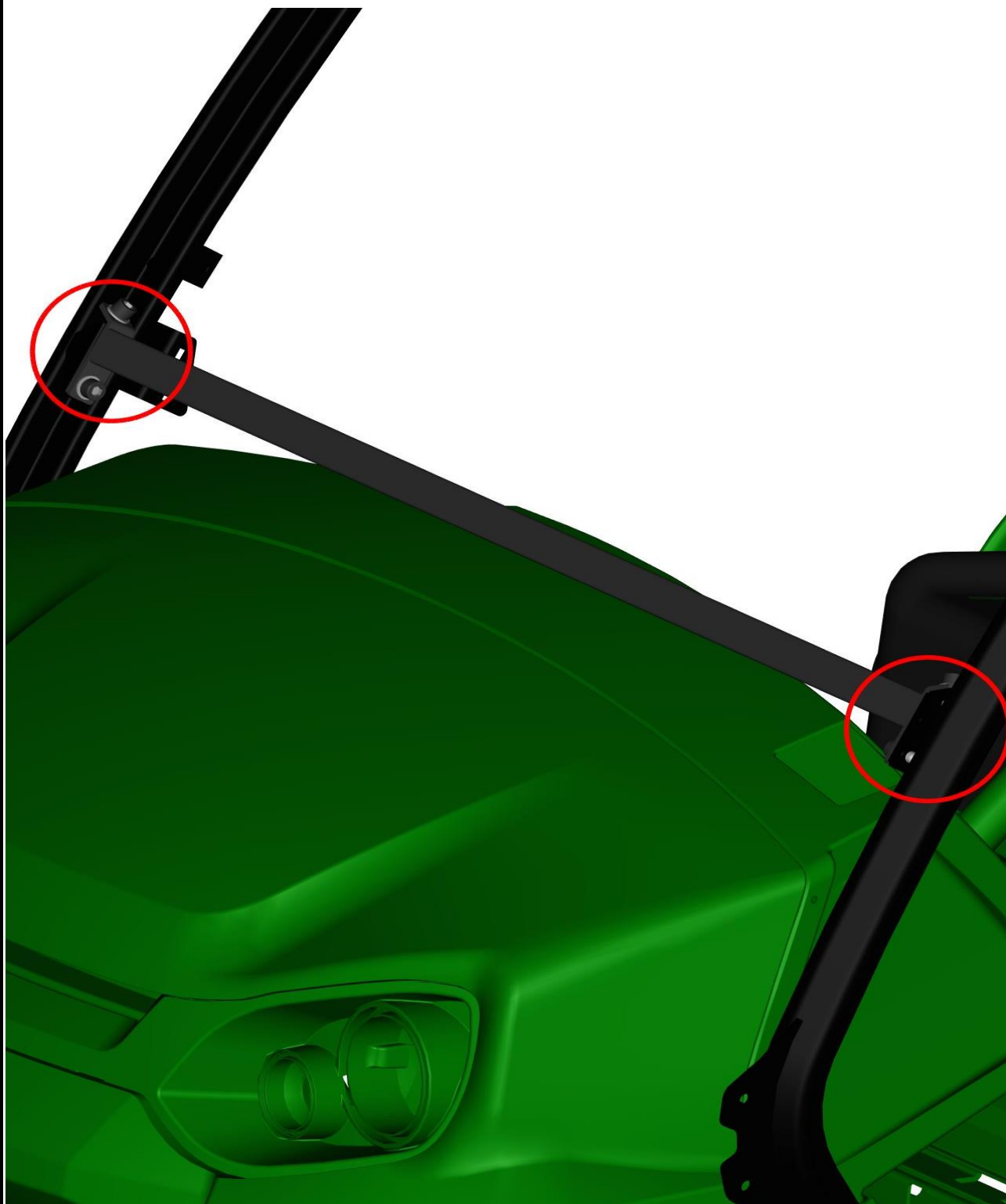


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Step by step tighten the rear "X" cross bolts hard 35.4 ft. lb. (48Nm).



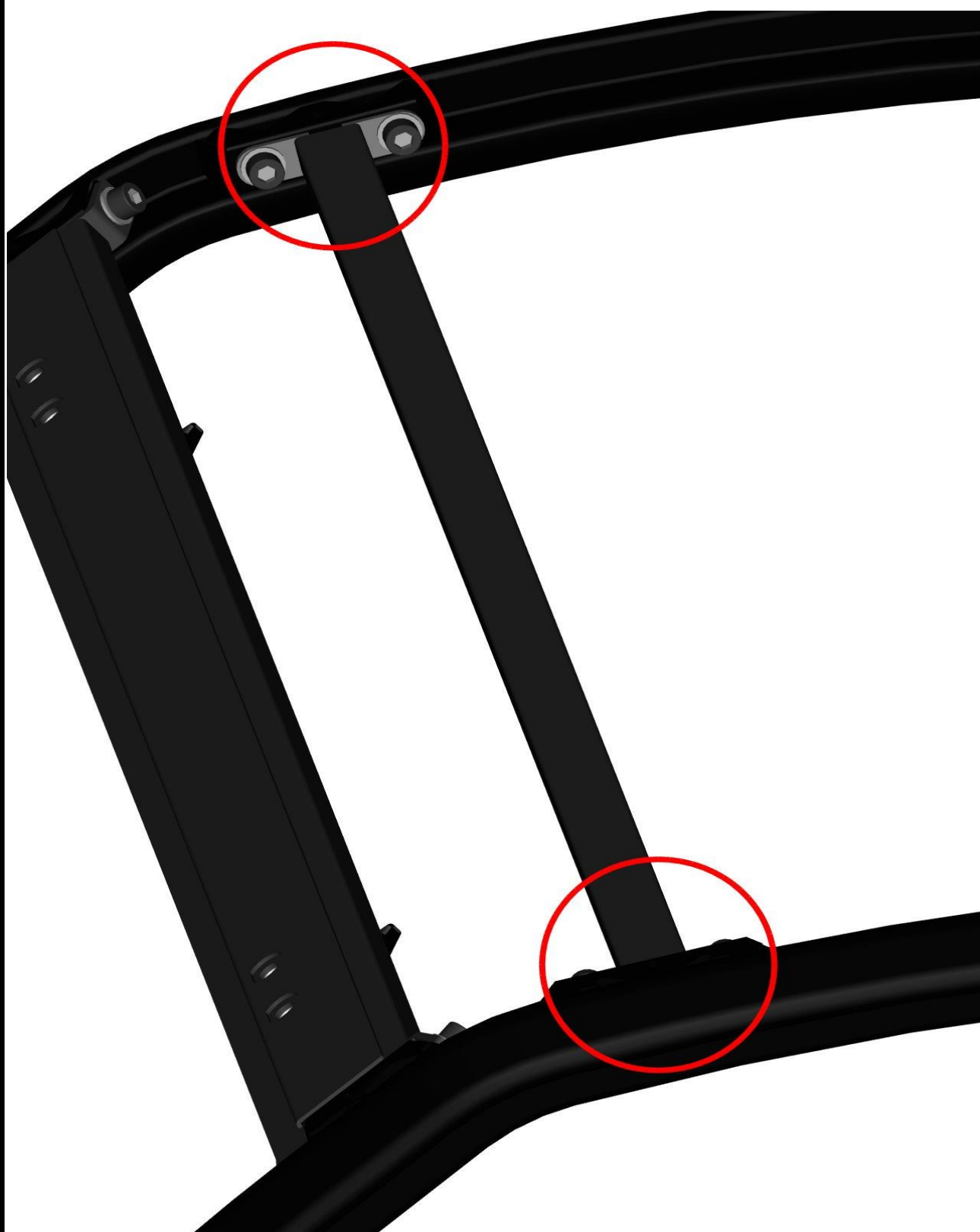
ONE BY ONE tighten the support frame ledges bolts hard 35.4 ft. lb. (48Nm).



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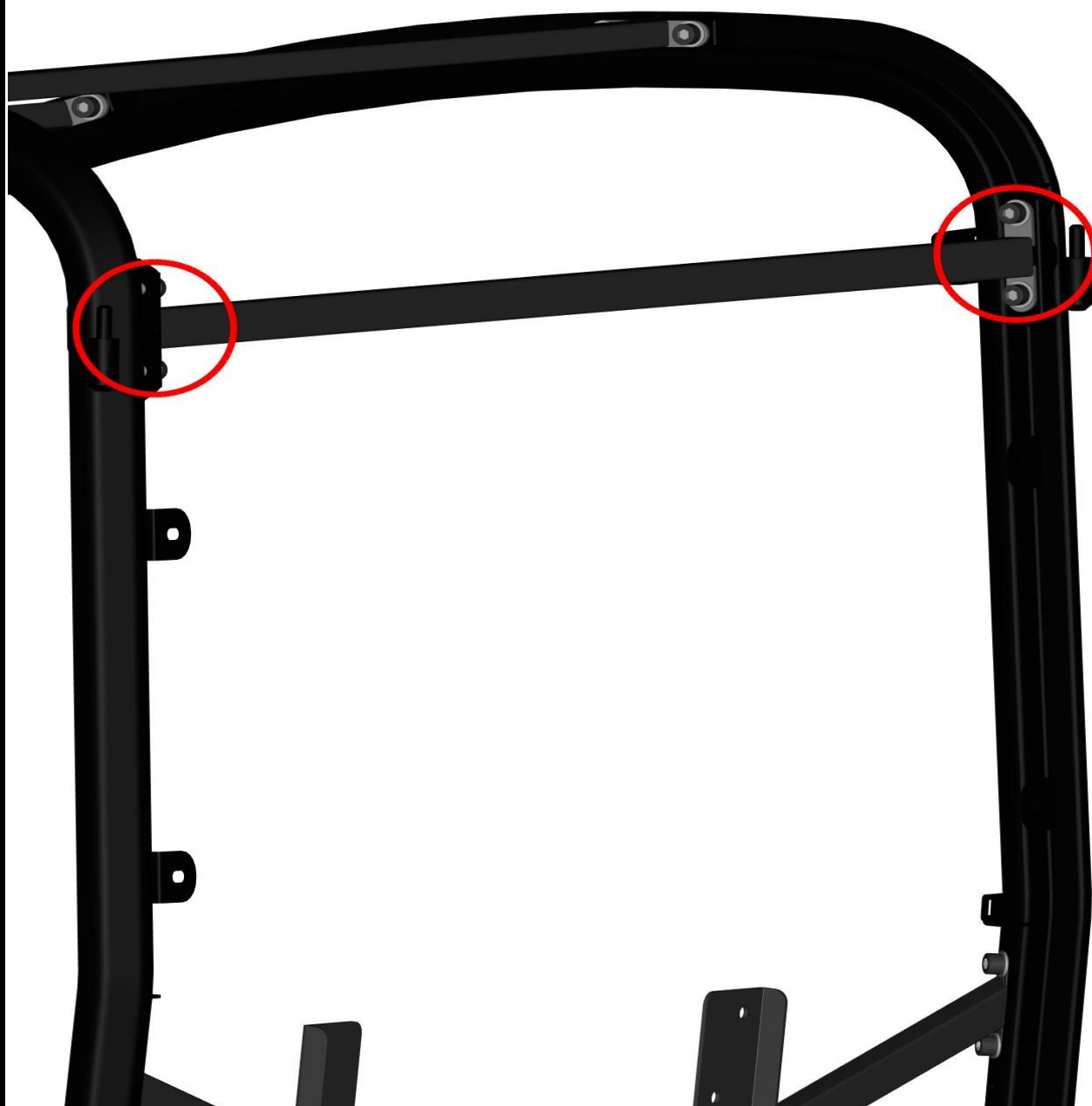


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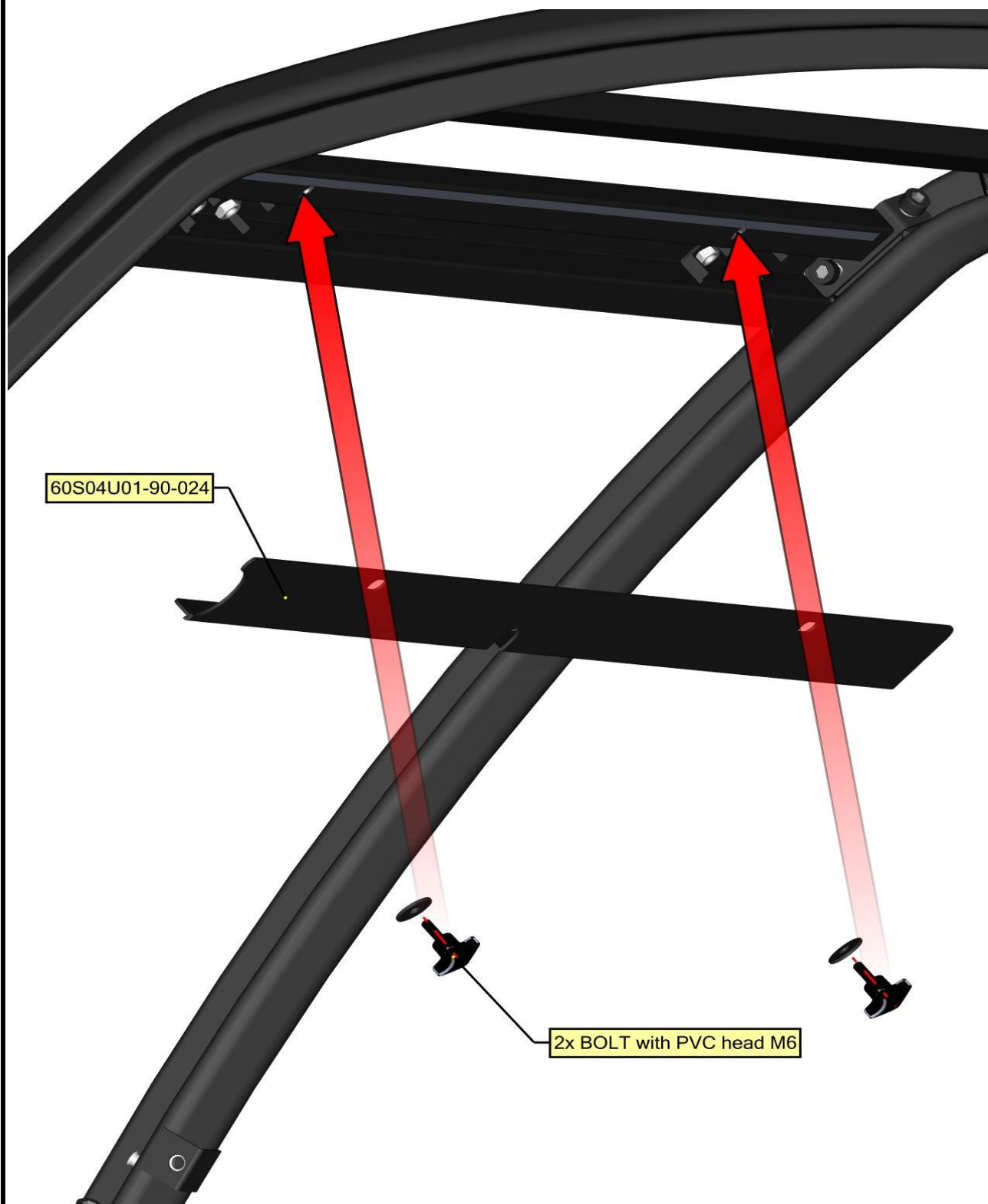
25

Tighten the front upper ledge cover bolts correctly 3.7 ft. lb. (5Nm).



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Mount the front upper ledge inner cover to the front upper ledge with included bolts with PVC head and tighten by hand.



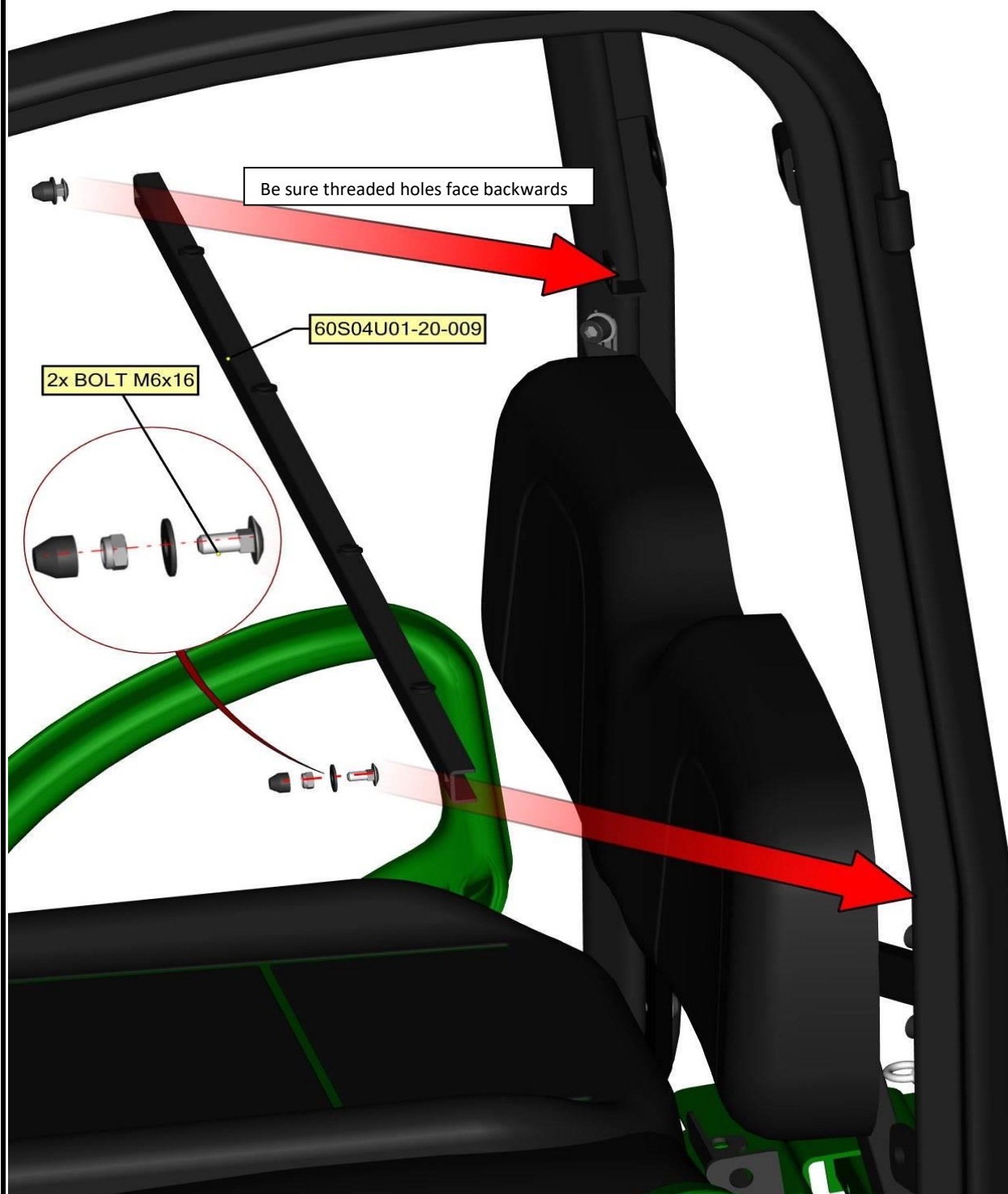
Mount the seat back to the rear "X" cross using original seat back bolts 3.7 ft. lb. (5Nm).



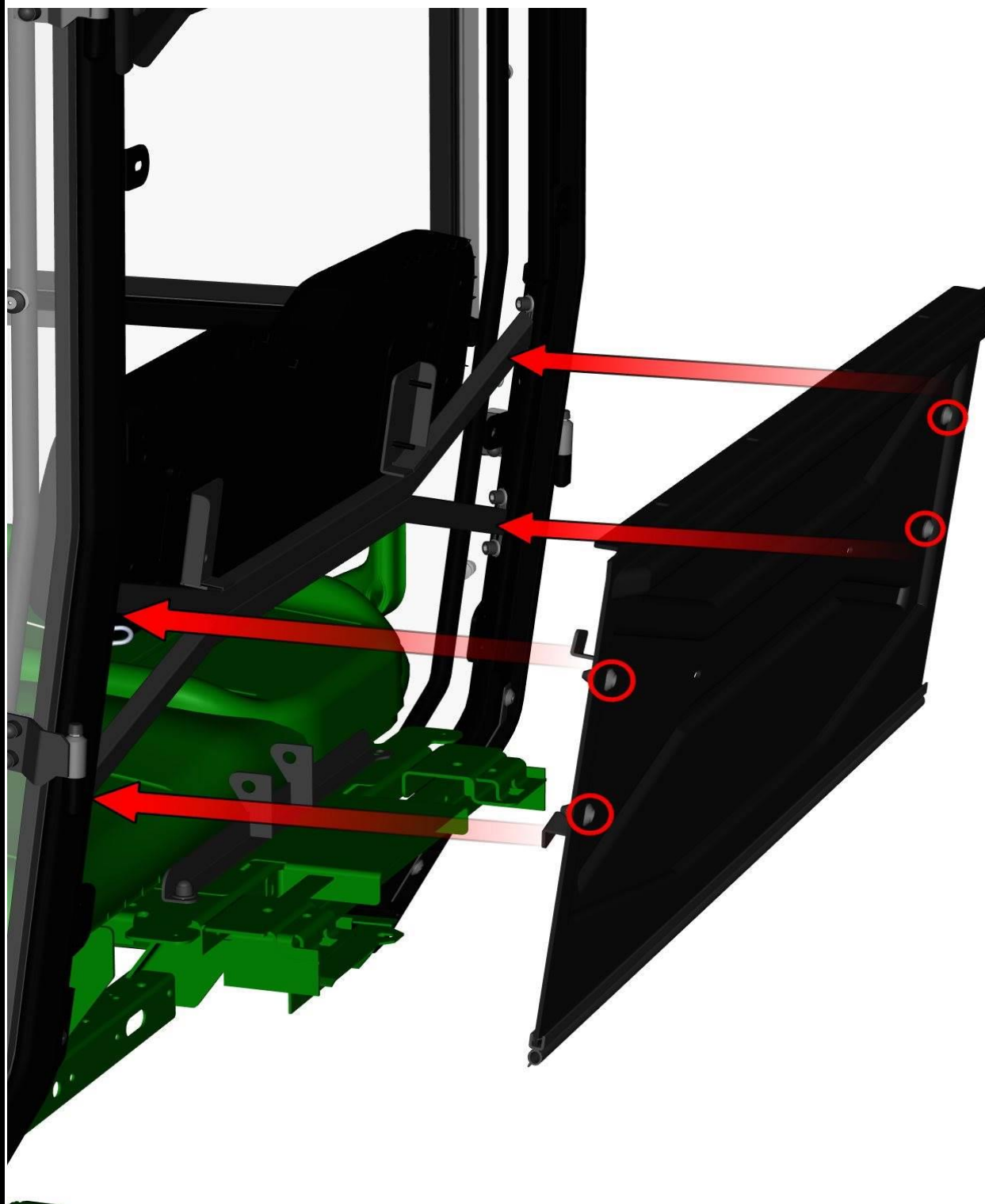
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REAR PANEL

Mount the rear middle ledge to the support frame with included bolts, washers, nuts and covers and tighten 3.7 ft. lb. (5Nm). Install this part before rear panel assemblies.



Loosen the rear bottom panel holders bolts and turn the holders out of the way.
Place the rear bottom panel onto the rear "X" cross.



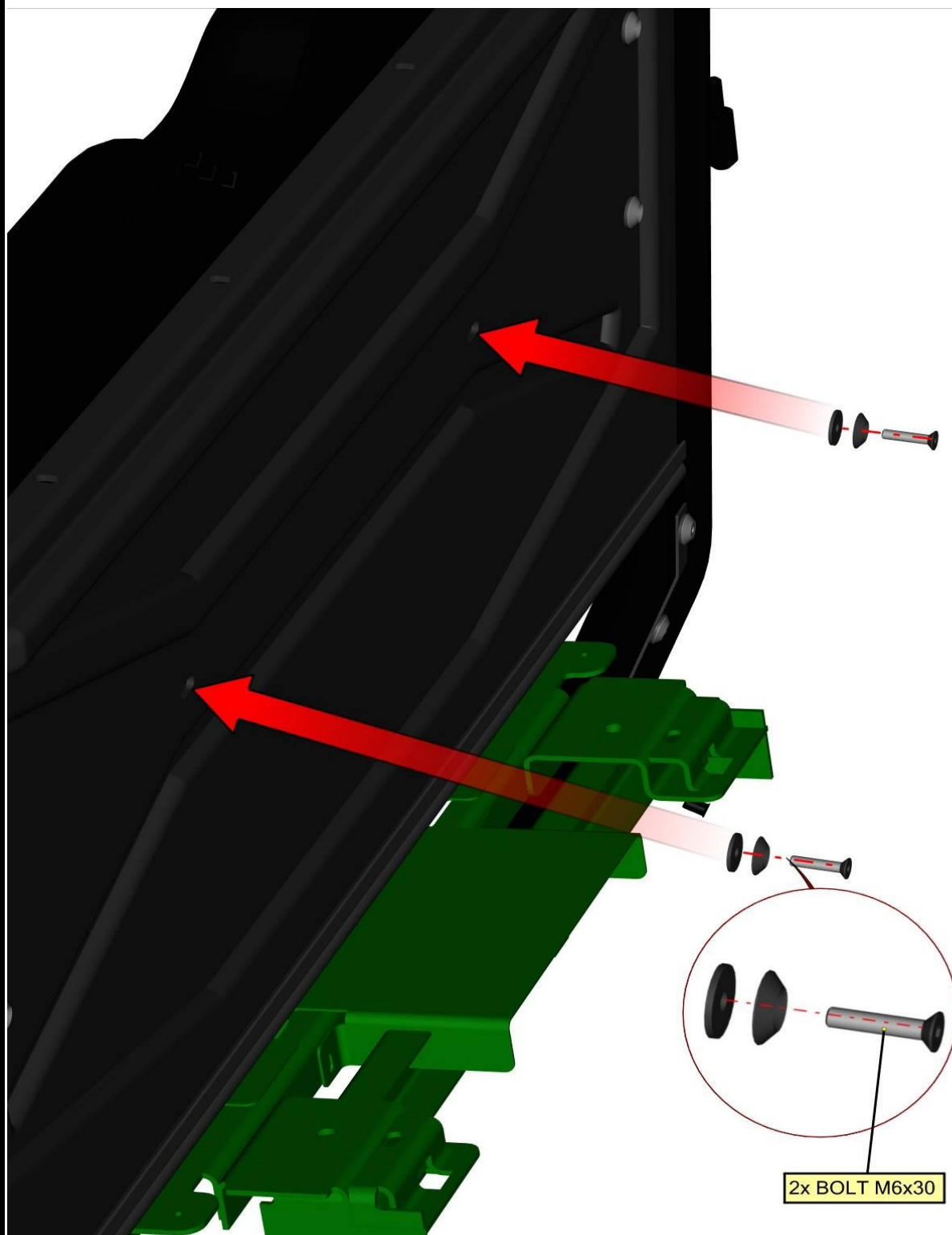
30

Turn the rear bottom panel holder into correct position.



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Mount the rear bottom panel to the rear "X" cross with the included bolts and washers and tighten slightly 1.5 ft. lb. (2Nm)



DETAILED VIEW



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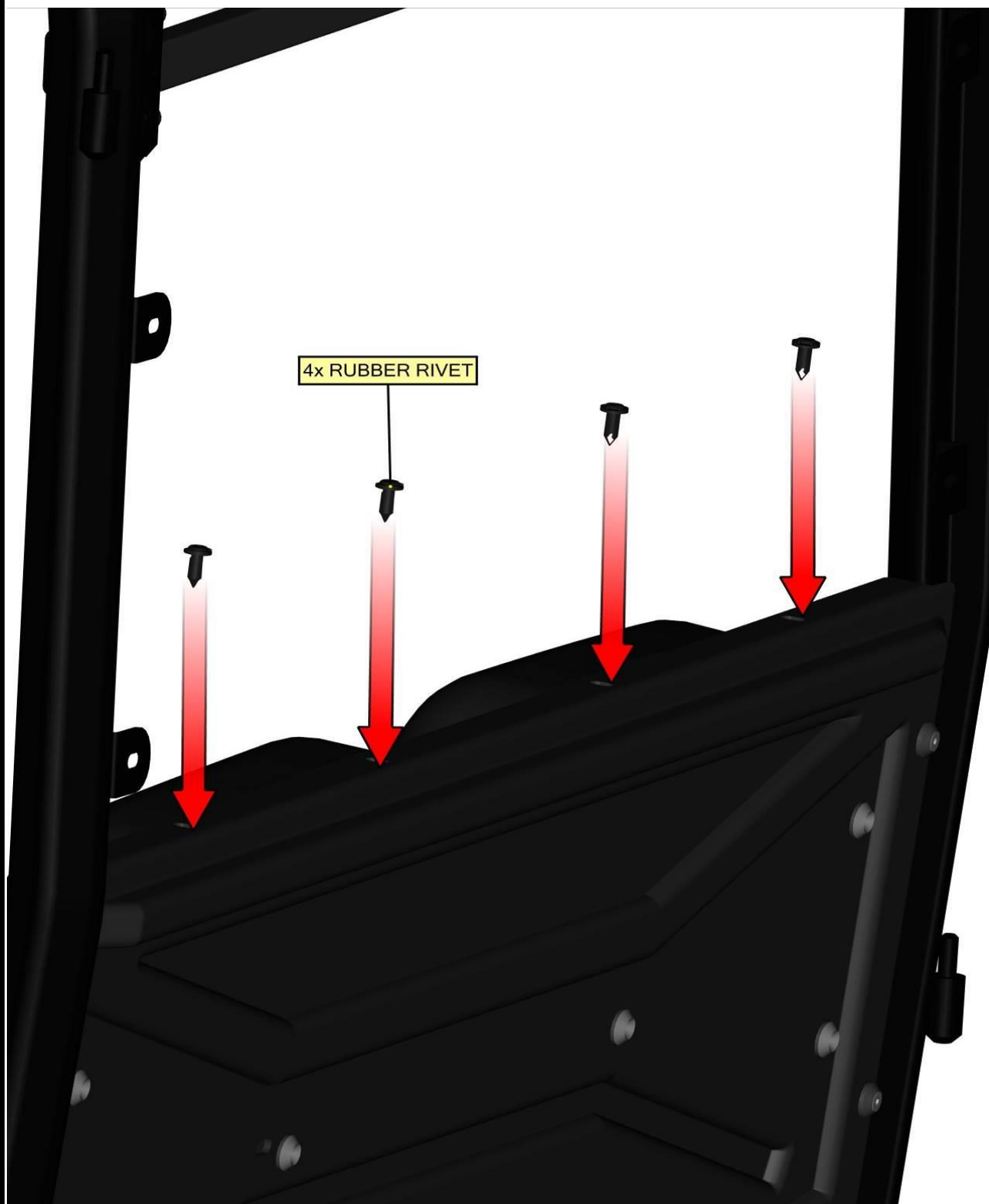
SEE THE NEXT PAGES

Align the rear middle ledge into correct position and tighten bolts correctly 3.7 ft. lb. (5Nm).

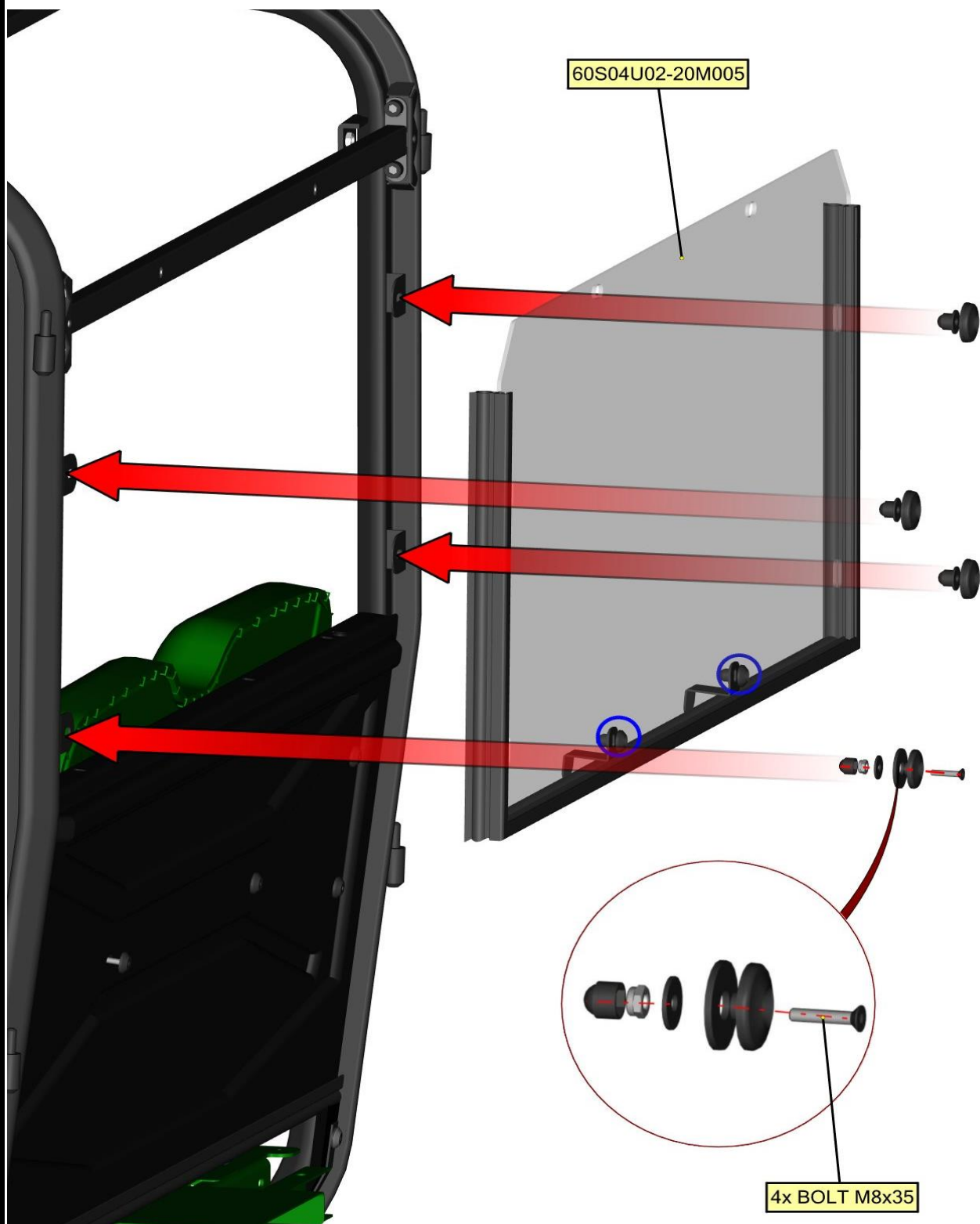


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Fix the rear bottom panel to the rear middle ledge with included rubber rivets.



Loosen rear upper panel holders and turn the holders out off the way. Mount the rear upper panel to the support frame with included bolts, washers, nuts and covers and tighten slightly 1.5 ft. lb. (2Nm)



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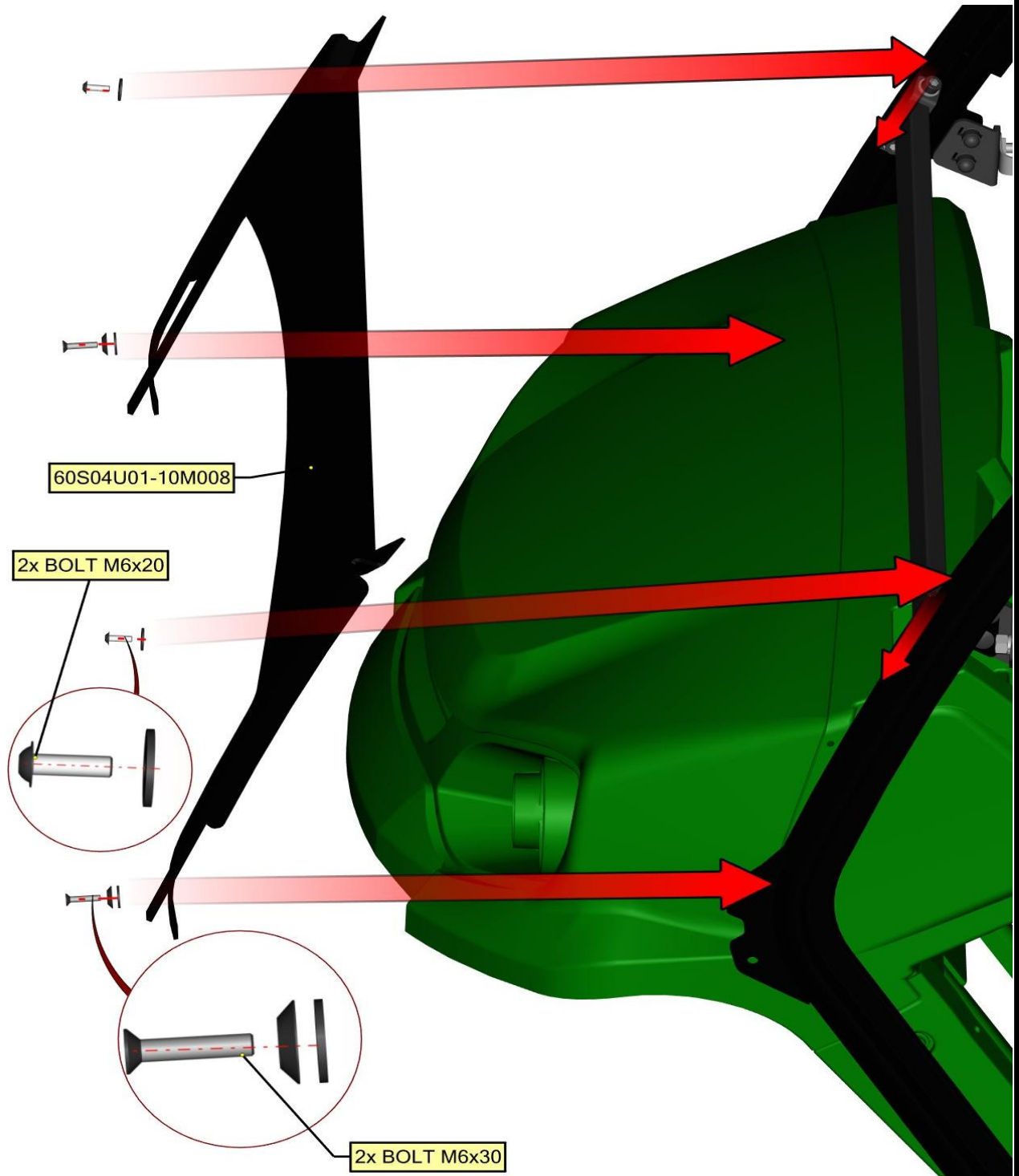
Turn the rear upper panel holder to the best position.



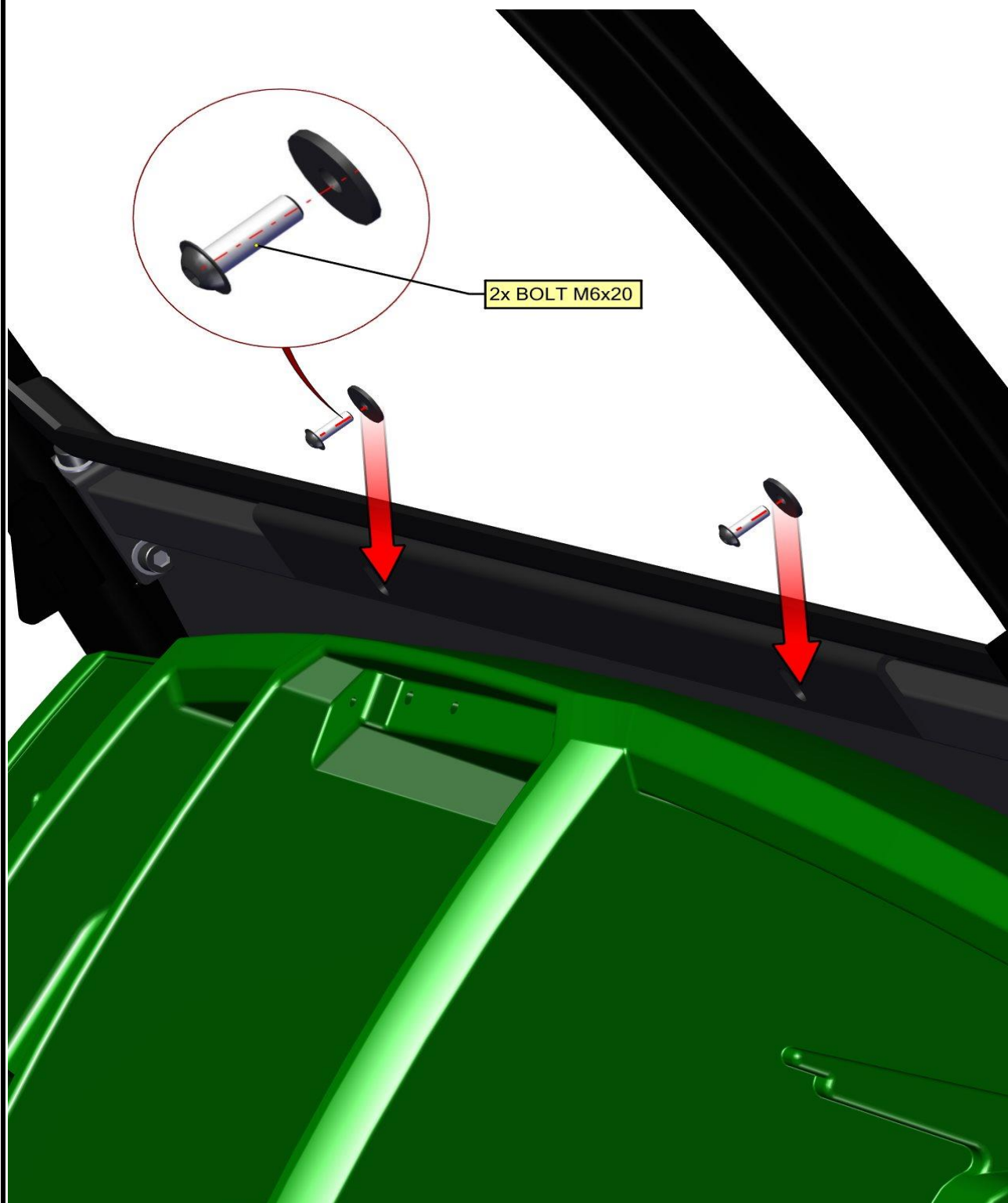
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FRONT PANEL

Align the front bottom ledge onto the support frame, start on either edge, pressing the bottom part onto the frame with pressure moving across to the other edge. Once in place move whole assembly down into correct position and mount to the support frame with included bolts and washers and tighten 3.7 ft. lb. (5Nm).



Mount the front bottom ledge to the front bottom frame ledge with included bolts and washers.



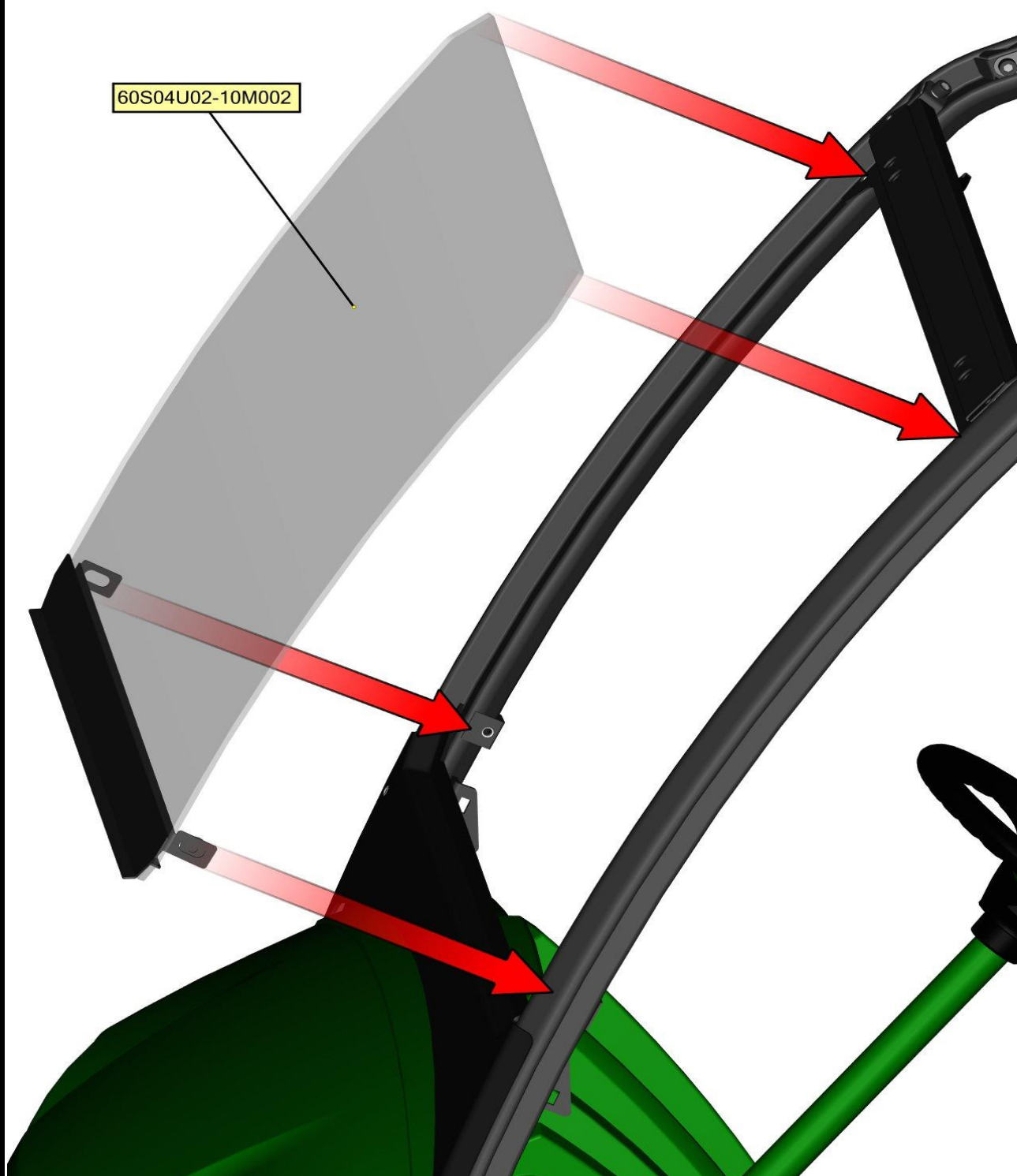
39

Stick the self-glued seal KR 15x4 onto the the support frame (red line).



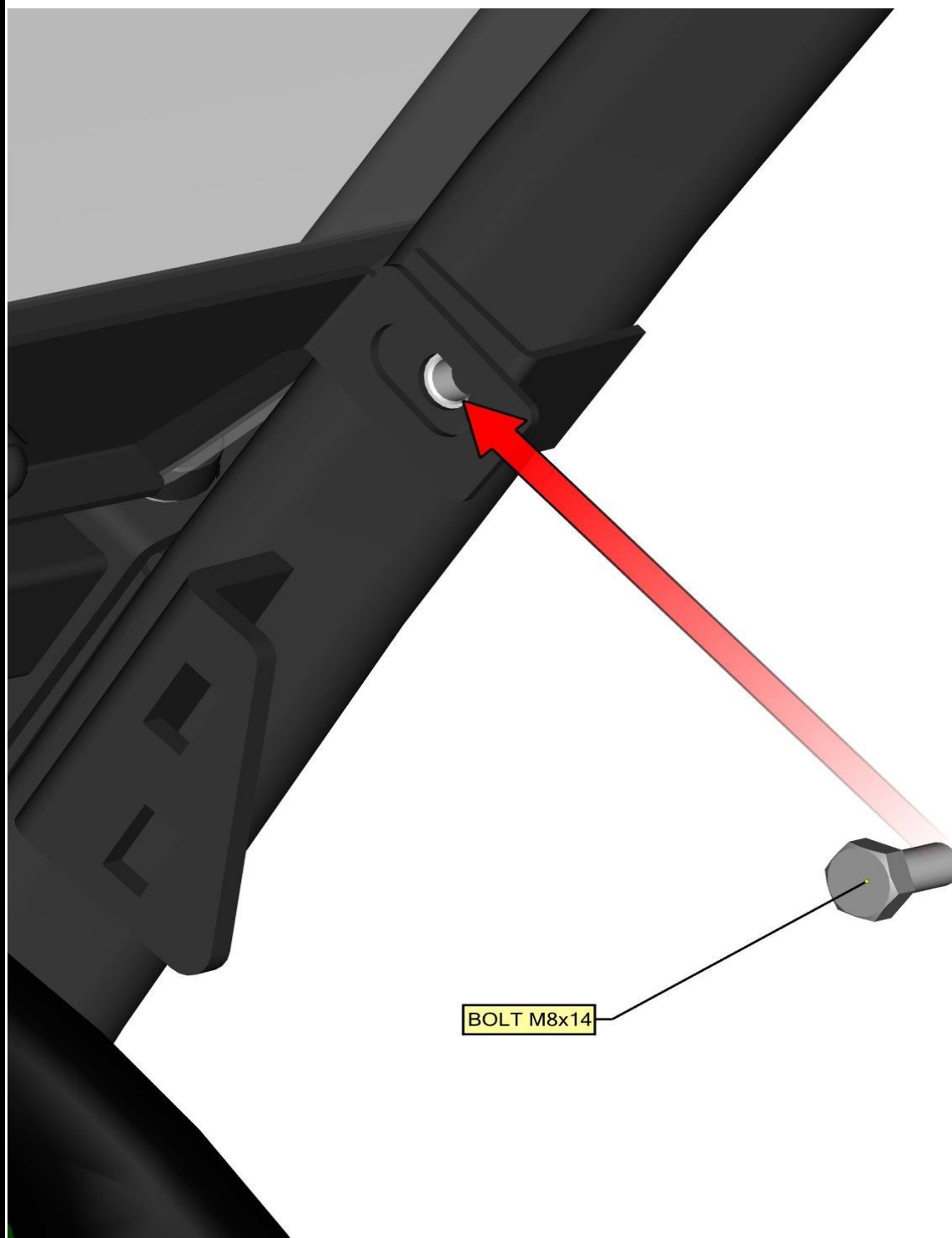
40

Align the front glass assembly into the best position.

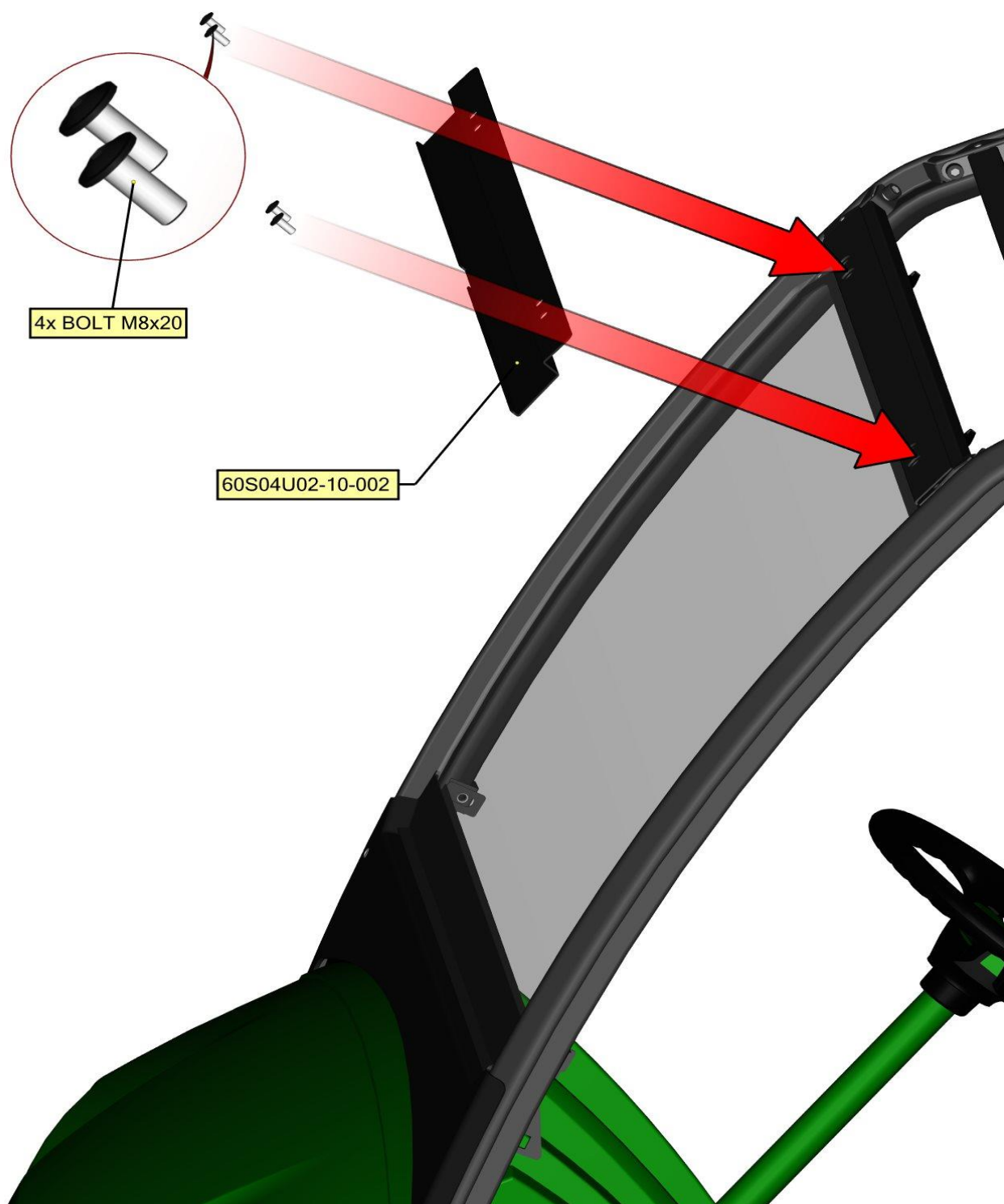


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Mount the front bottom ledge to the support frame with included bolt and tighten 5.2 ft. lbs. (7Nm) on both sides.

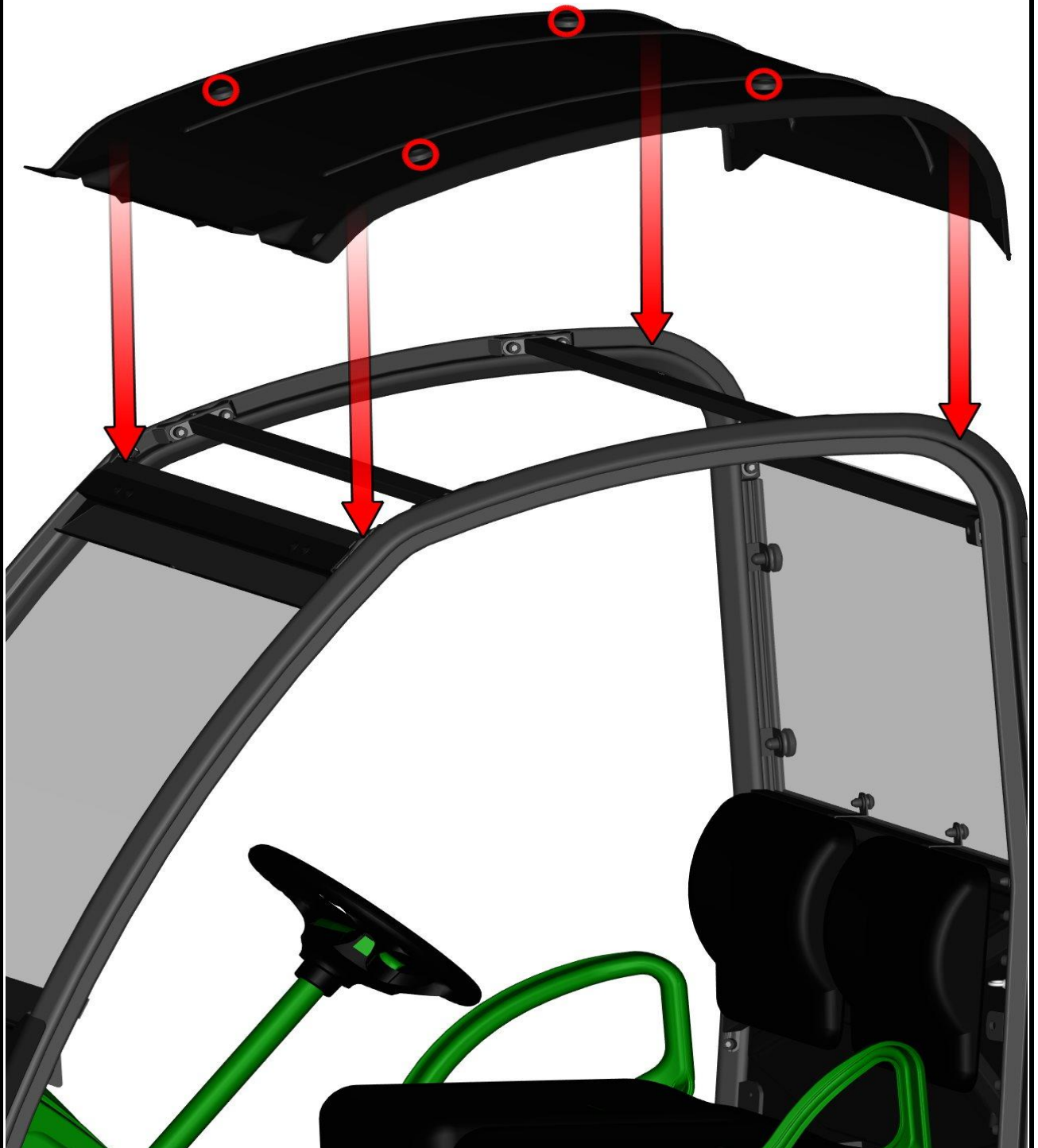


Mount the front upper ledge to the support frame with included bolts and tighten 3.7 ft. lb. (5Nm).



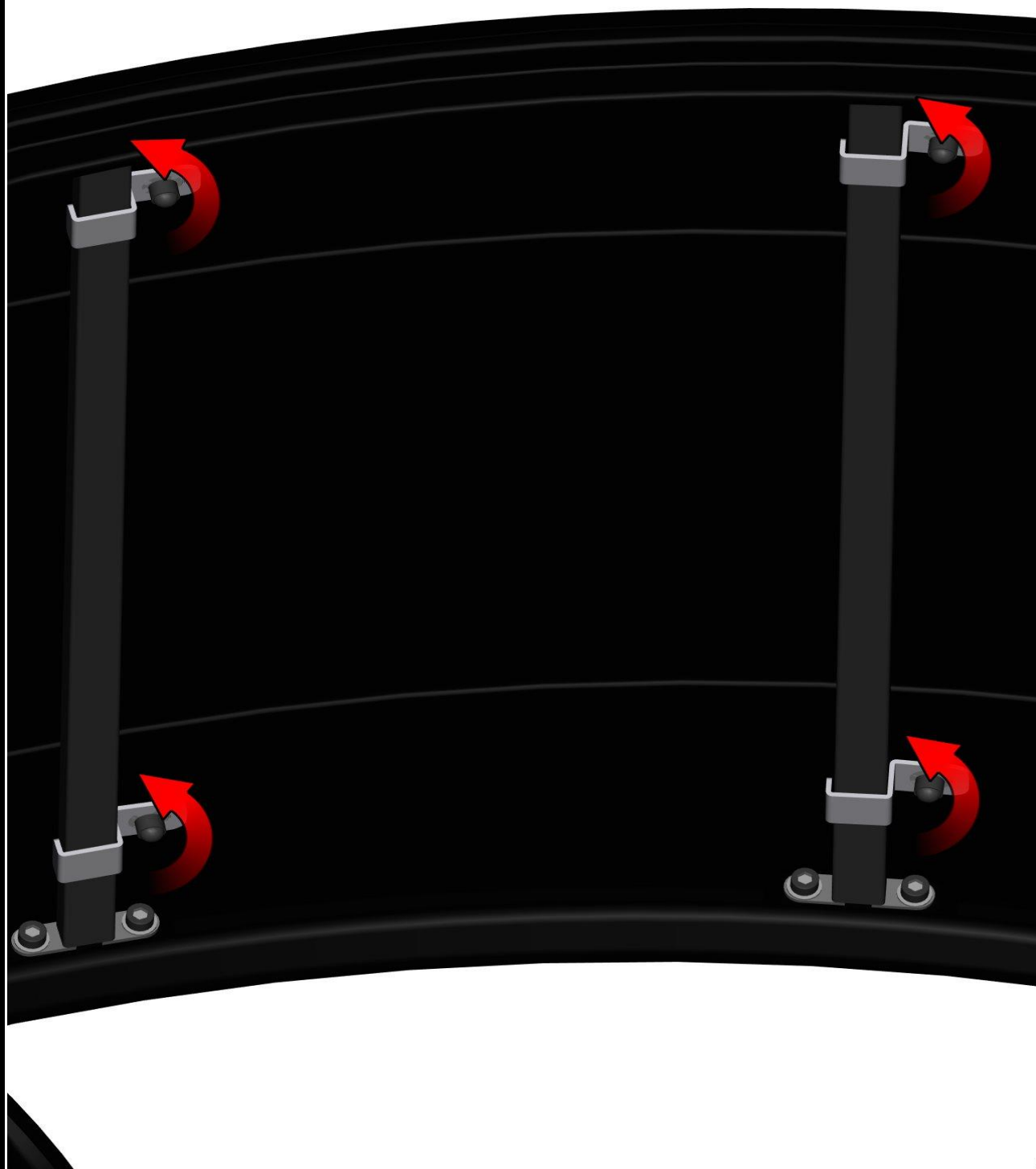
ROOF

Loosen the roof holders bolt and turn the holders out off the way.
Place the roof assembly onto the support frame



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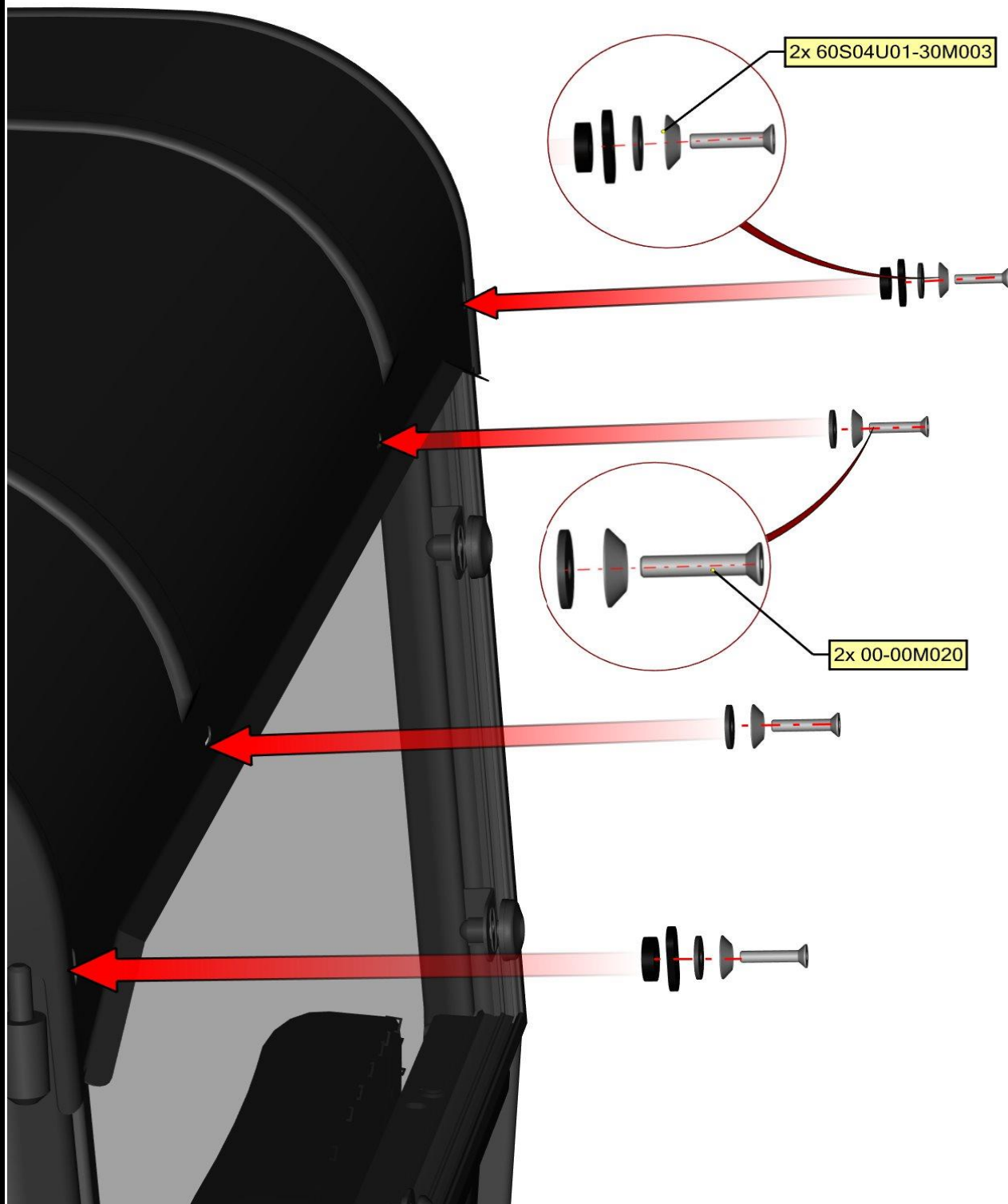
Turn the holders to the correct position and tighten correctly 3.7 ft. lb. (5Nm).



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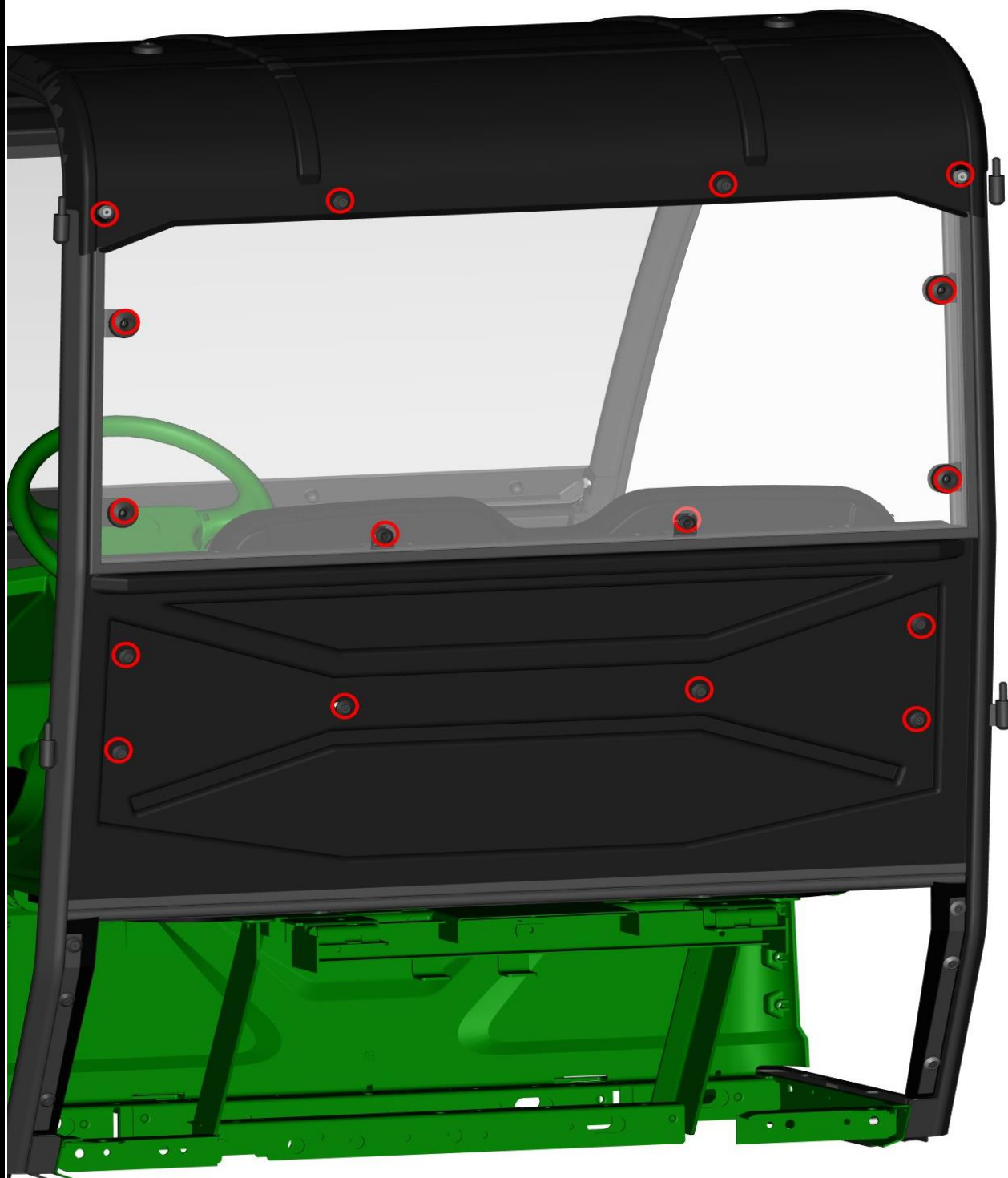
Mount the roof to the support frame with included fixing assemblies.

REAR VIEW



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Align all rear panel parts into best position and tighten correctly 3.7 ft. lb. (5Nm).



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ROOF UPHOLSTERY.

Press one side of the roof upholstery into the right position.



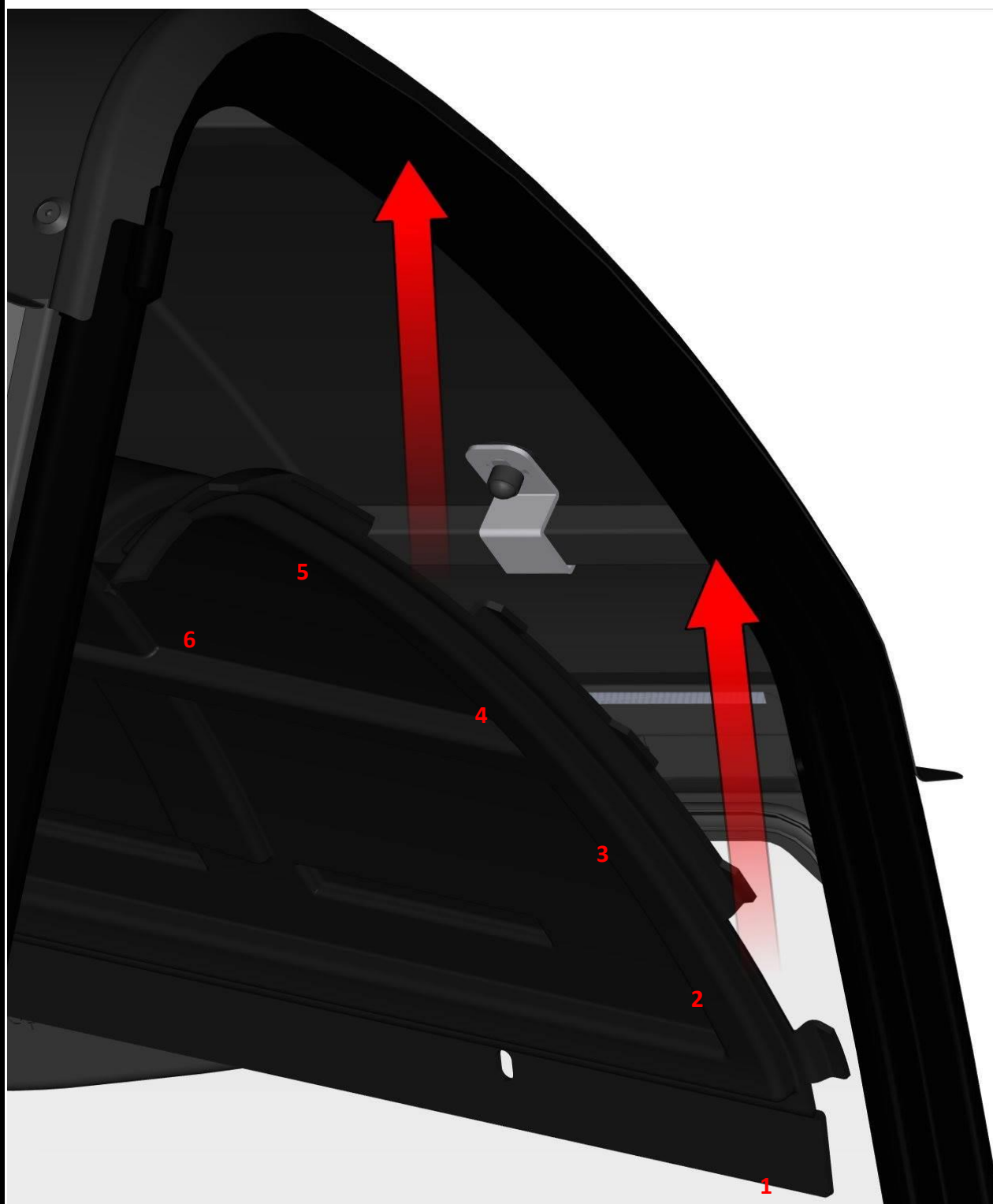
48

DETAILED VIEW



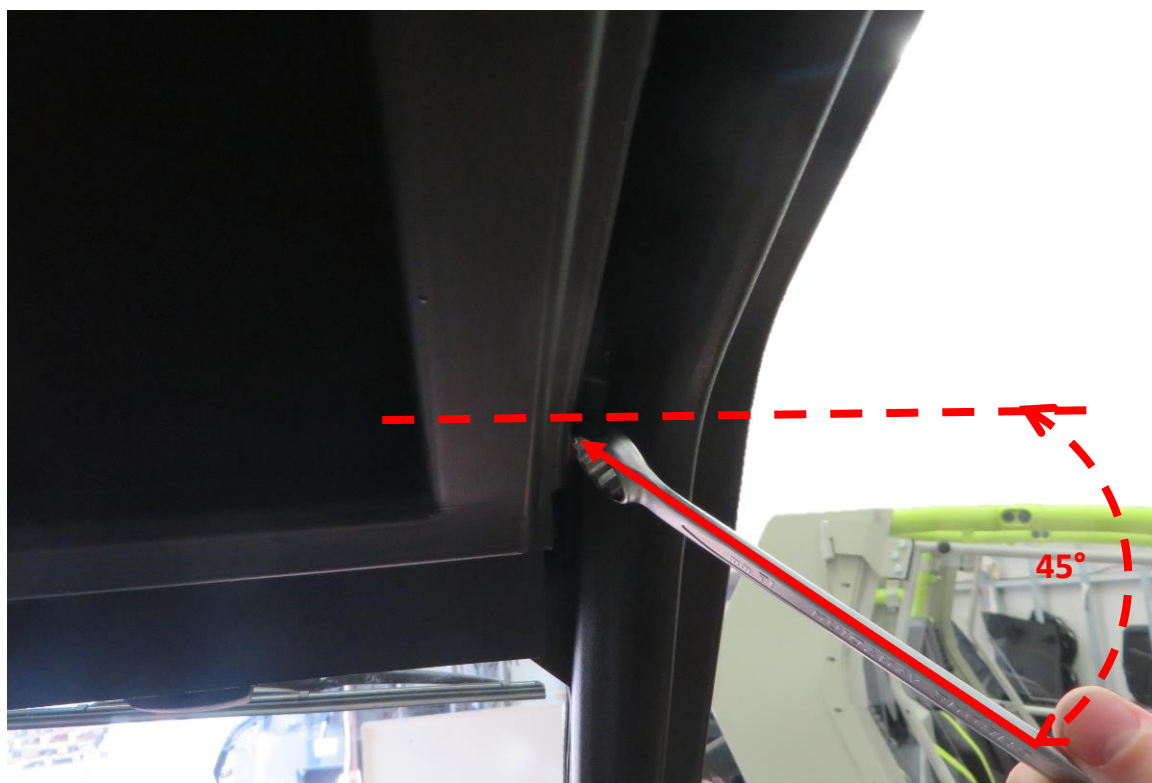
Use some tool (pry bar, screwdriver, etc.) to press the roof upholstery into the right position on the other side.

WARNING: Do NOT press the panel by hand. It could result in serious injury.

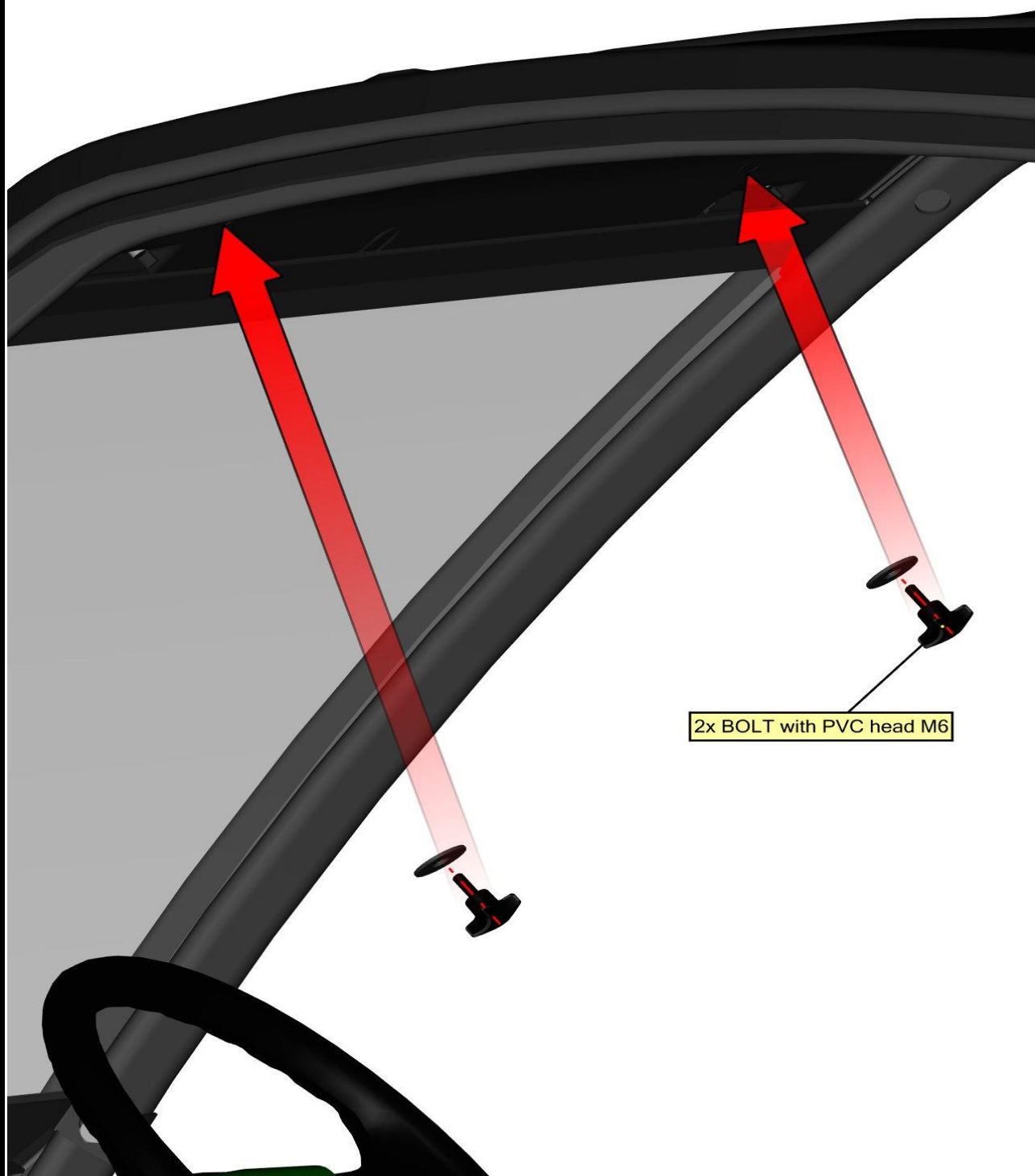


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DETAILED VIEW



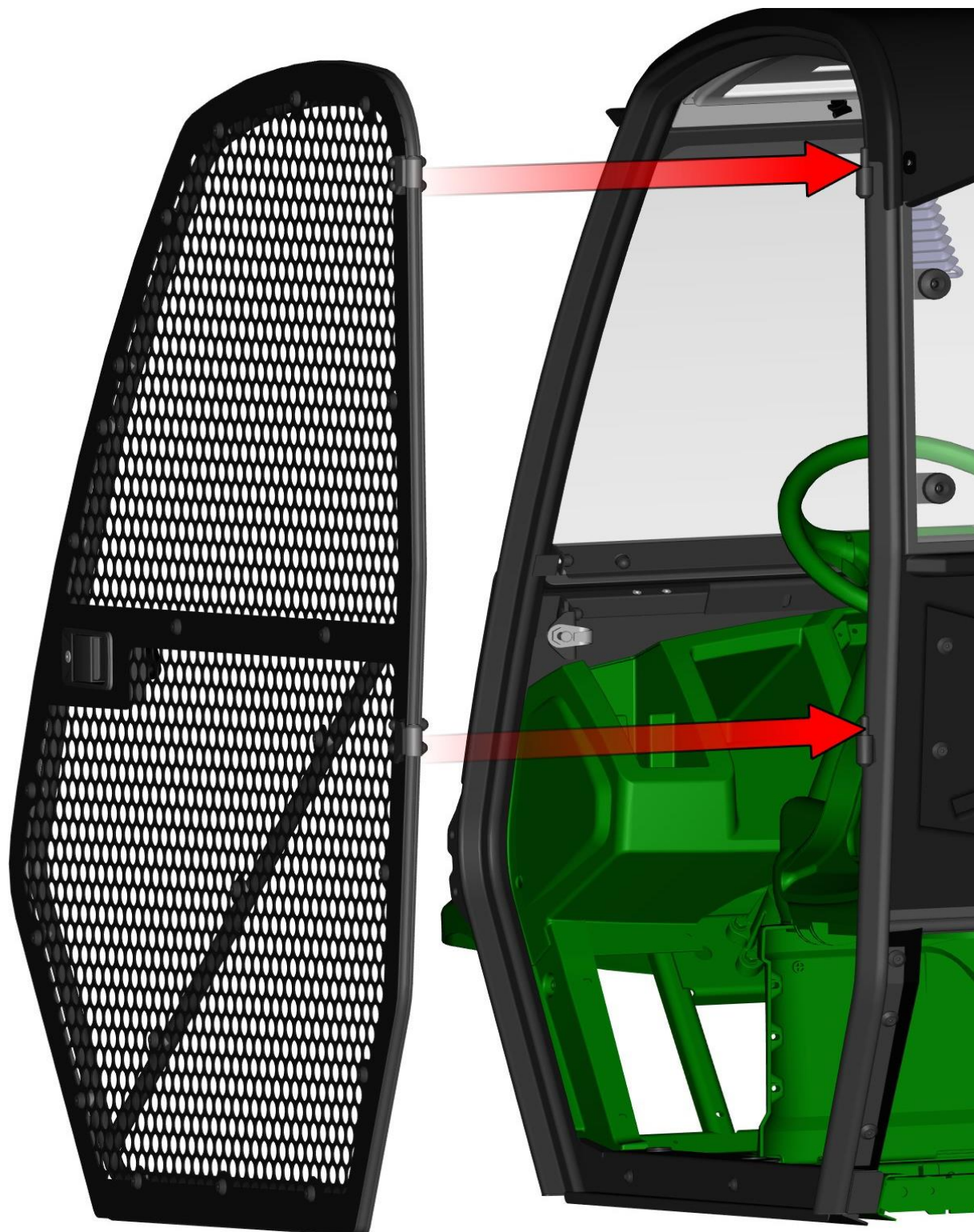
Mount the roof upholstery to the front upper ledge with bolts with PVC head.



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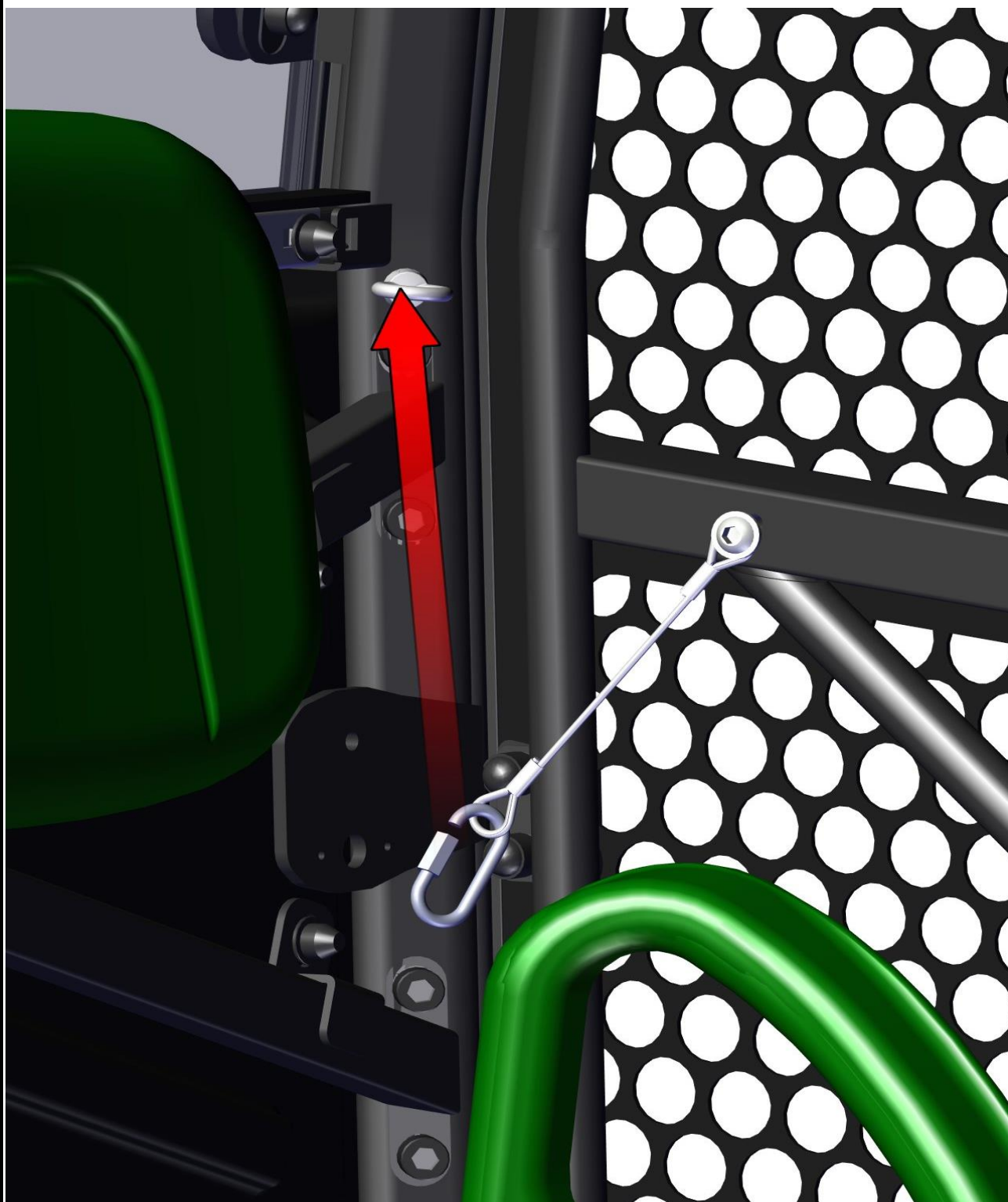
LEFT DOOR + RIGHT DOOR

Place the left door assembly back onto the hinges.



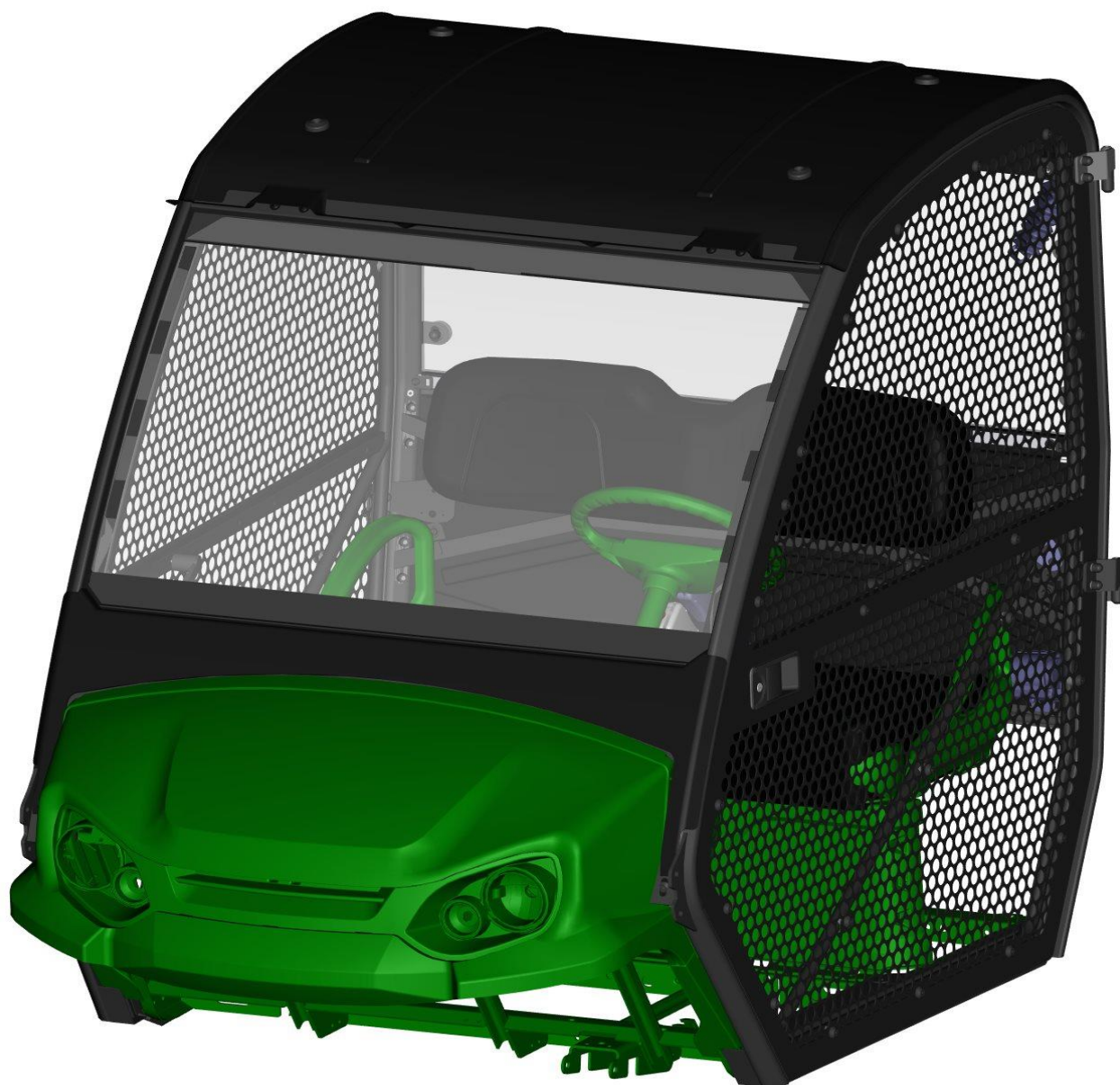
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Mount the safety string snap-hook to the door frame, using pre-installed eyebolt.



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Repeat previous steps with the right door assembly.



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Place the **WARNING STICKER** onto the rear polycarbonate on both sides.



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