

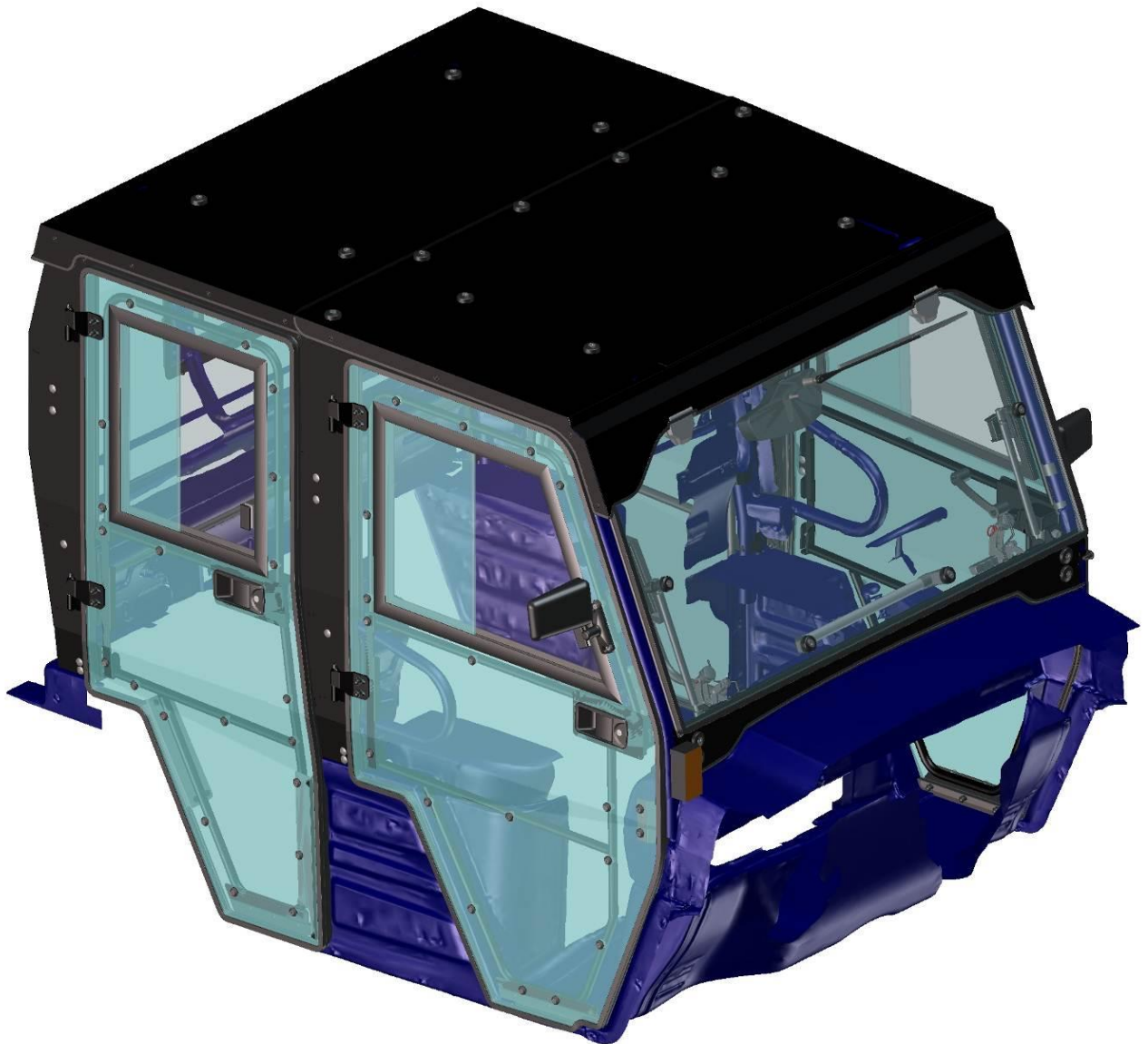


A DFK AMERICA COMPANY

INSTALLATION INSTRUCTIONS

CUSHMAN

1600 XD CREW



SAFETY INSTRUCTIONS

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

READ PROPERLY COMPLETE ASSEMBLY INSTRUCTIONS BEFORE STARTING OF ASSEMBLY

Install all parts indicated in assembly instructions. Failure to fully assemble 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 under.

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 not to break the plastic washers, if you're tightening screws with plastic washers use max torque of 3.7 foot-pound force (5Nm)!!!

***Never drive your UTV with the cab front window in open position.
Failure to properly latch/lock front window before driving the vehicle could result in serious injury.***

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.

TOOLS NEEDED

Not included



Ratchet handle

**Socket beg 10,13 and 17mm
(0,51 in)**

Hex key 5, 6 and 8mm



**Metric wrench 10mm,
13mm, 17mm**

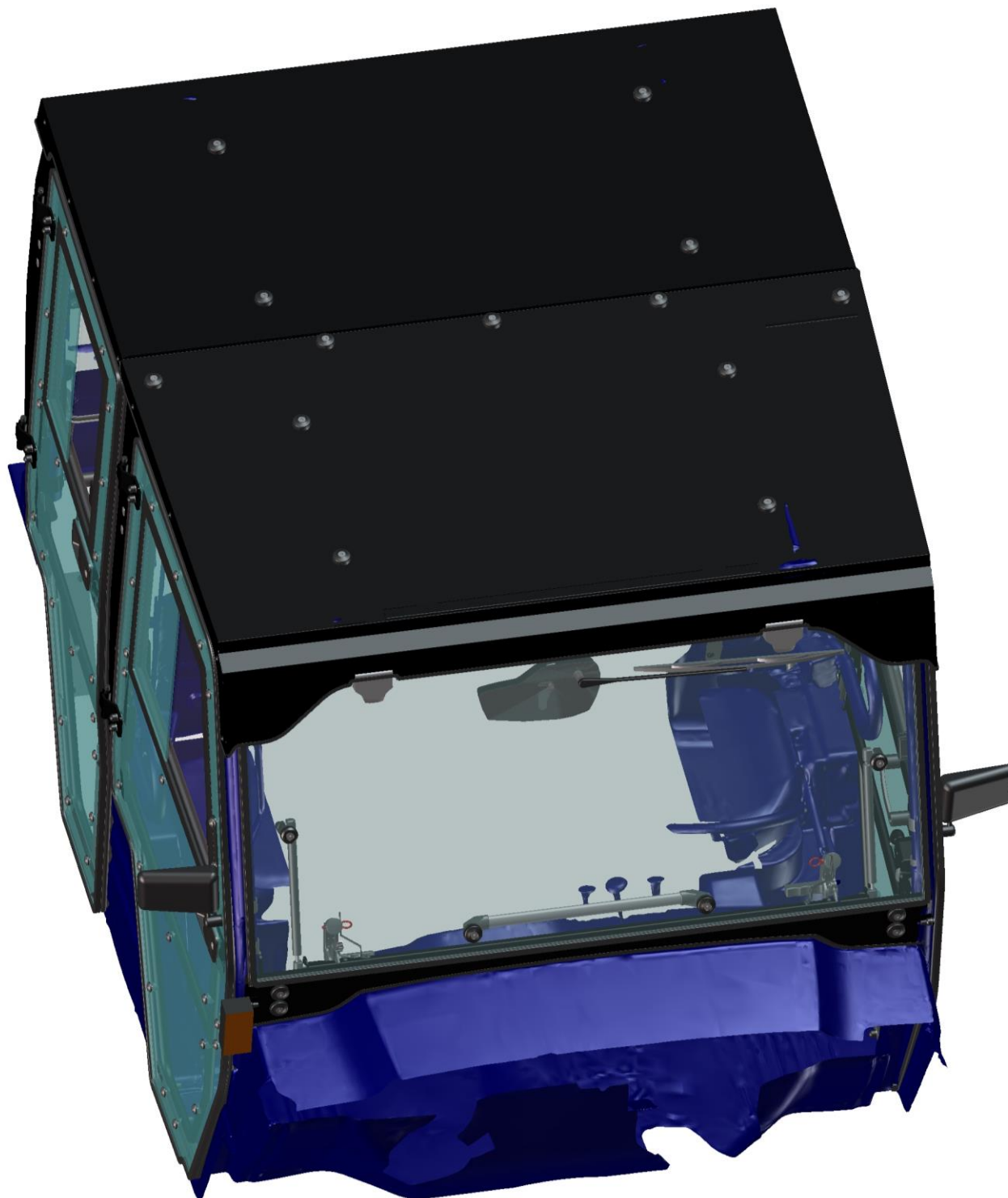
Utility knife

**Drill ø 8mm
(0,31-0,33 in)**

PREPARATION FOR INSTALLATION:

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

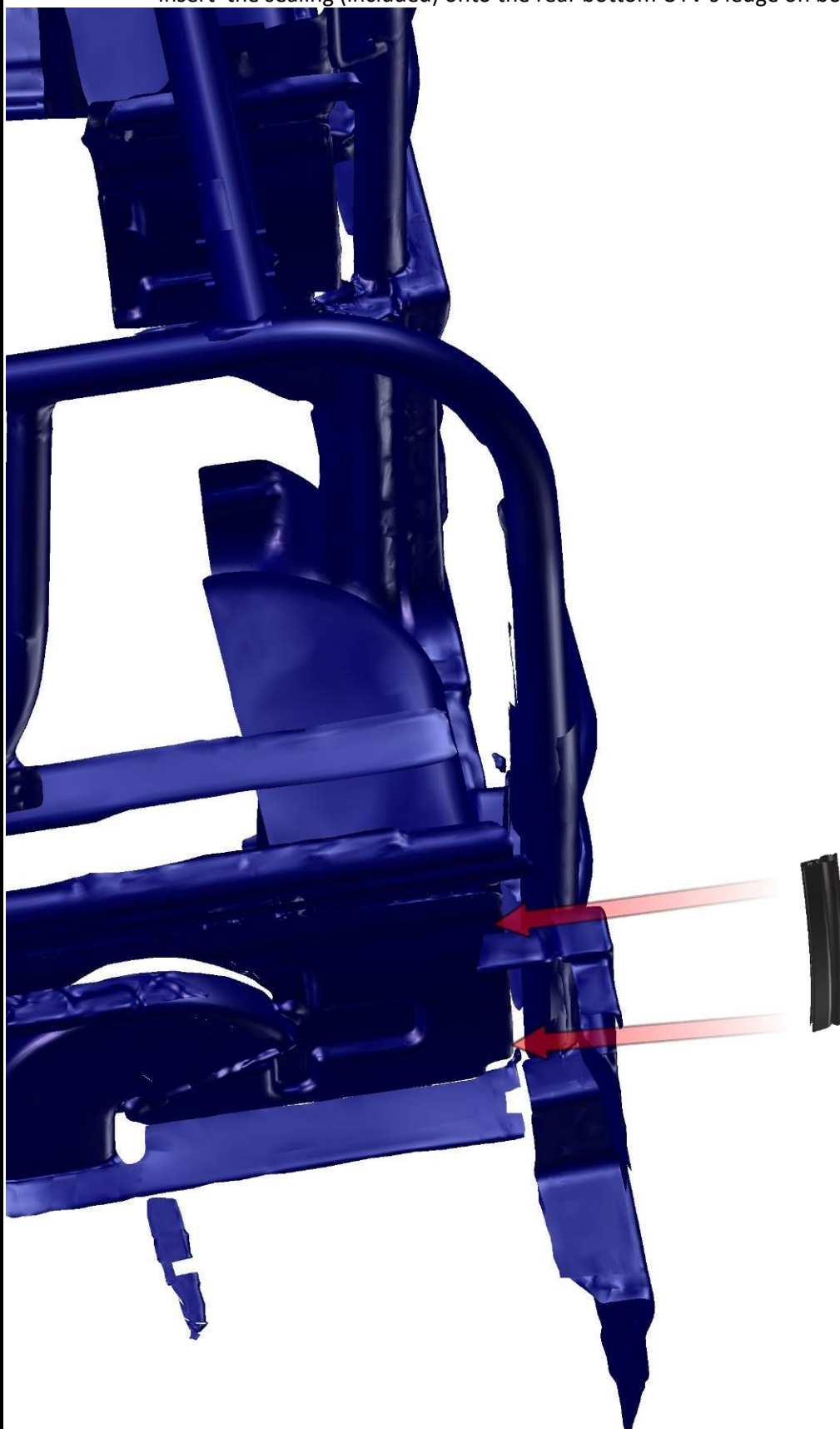
[CAB PREVIEW](#)



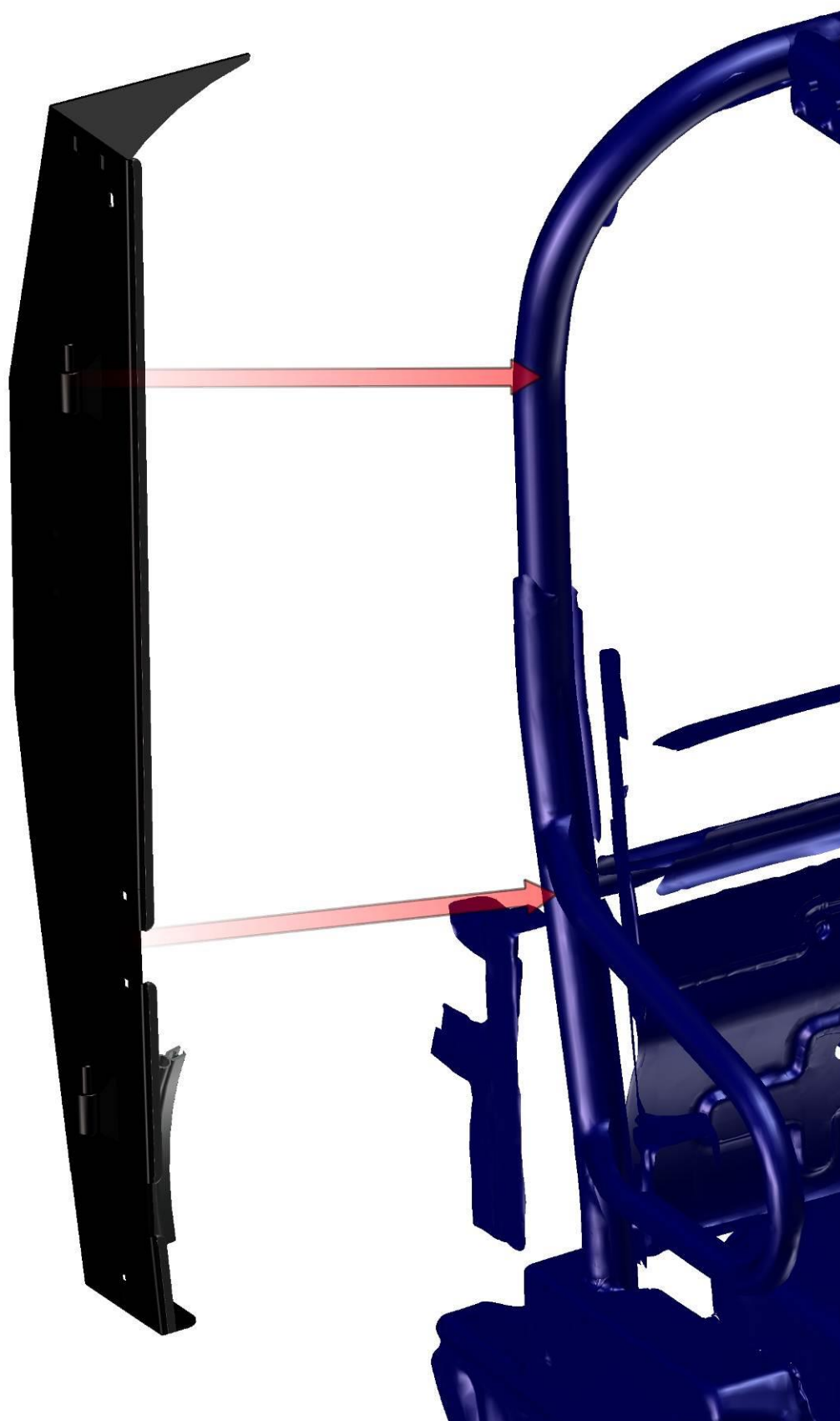
5

LEFT DOOR BASES + RIGHT DOOR BASES

Insert the sealing (included) onto the rear bottom UTV's ledge on both sides.

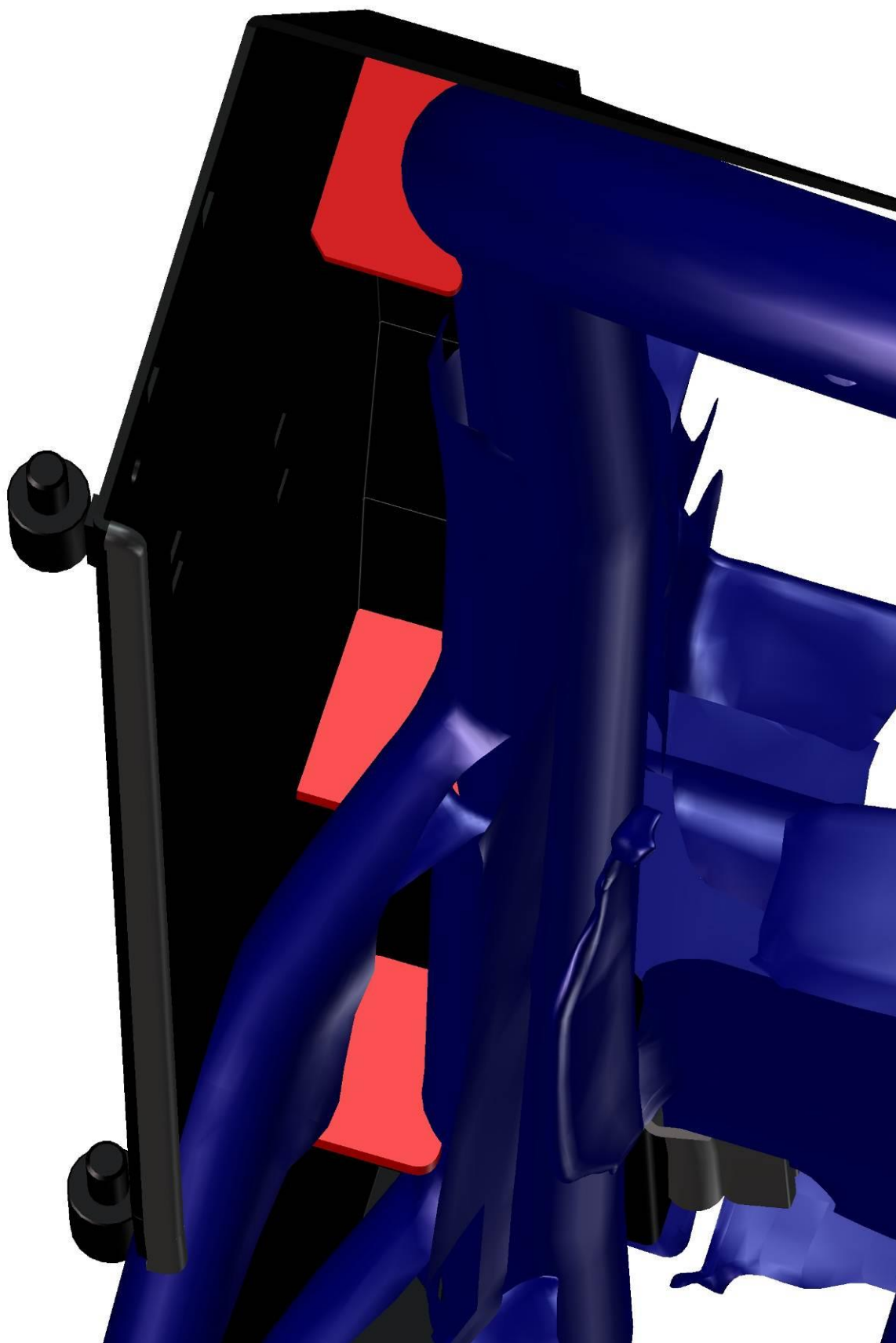


Place the rear right door base onto the rear right part of the UTV's roller cage. SEE NEXT PAGE

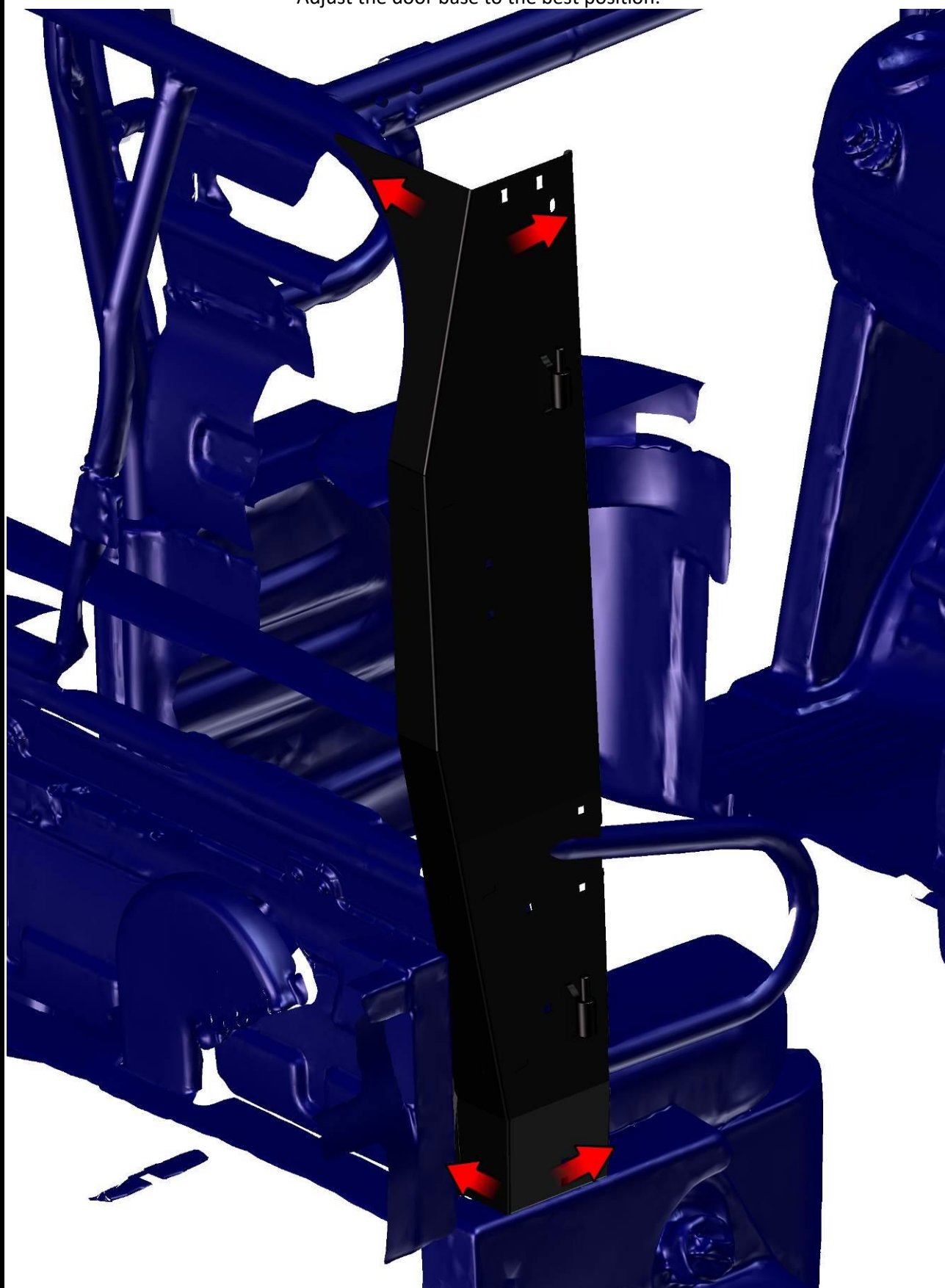


7

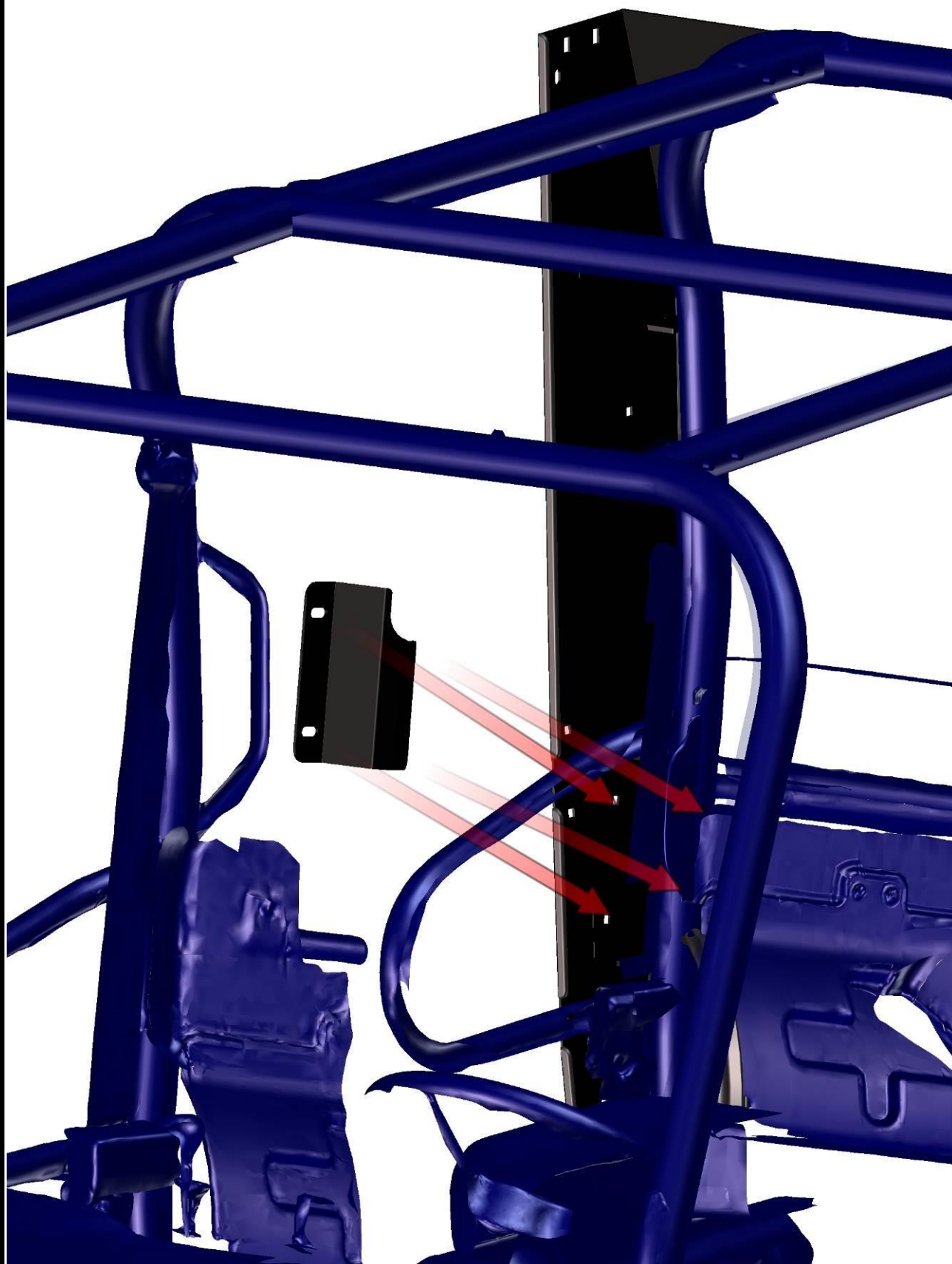
It is very important to press door bases reinforcements (red) onto the roller cage.



Adjust the door base to the best position.

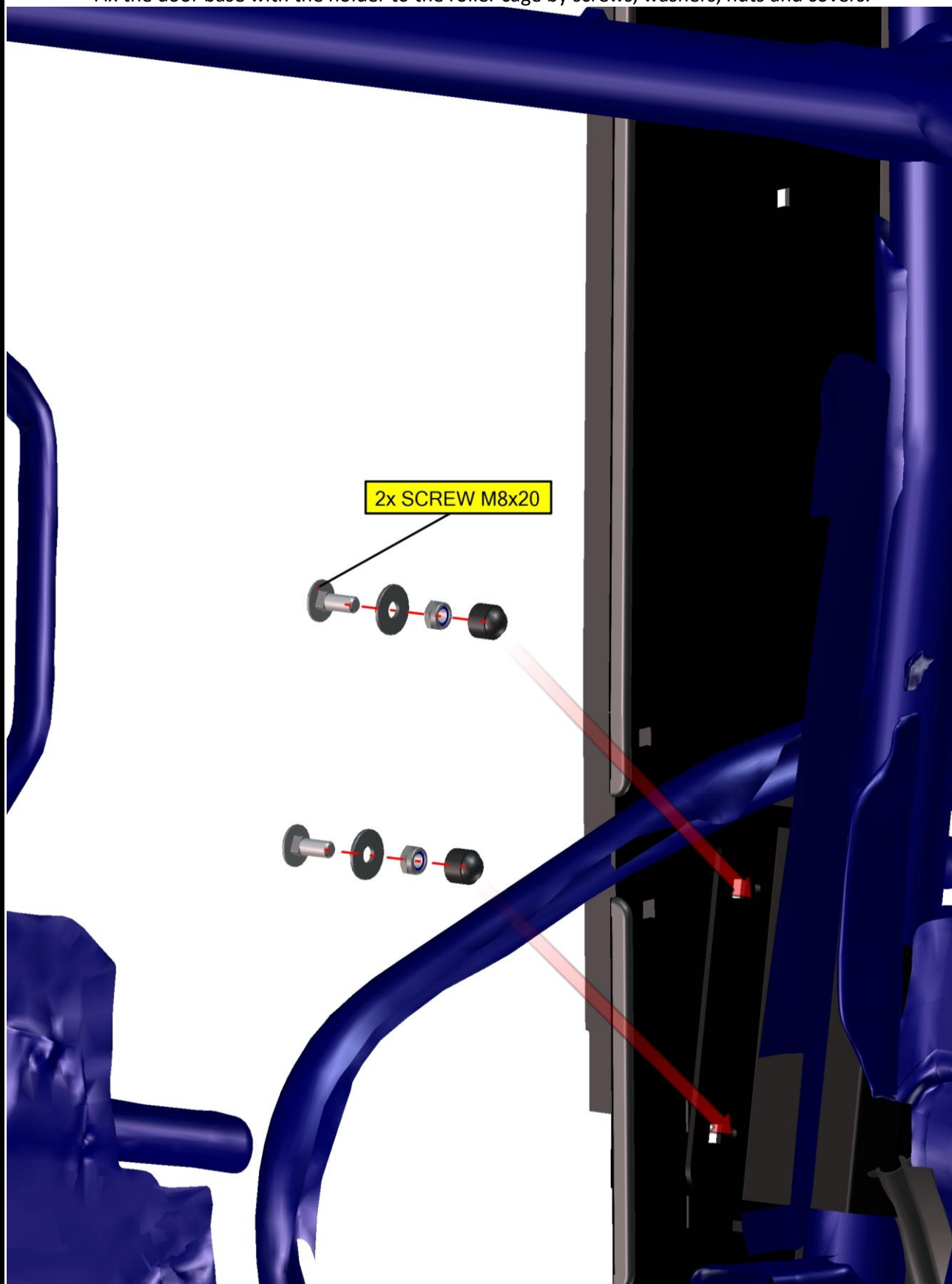


Place the right rear door base holder onto the roller cage and onto the door base.



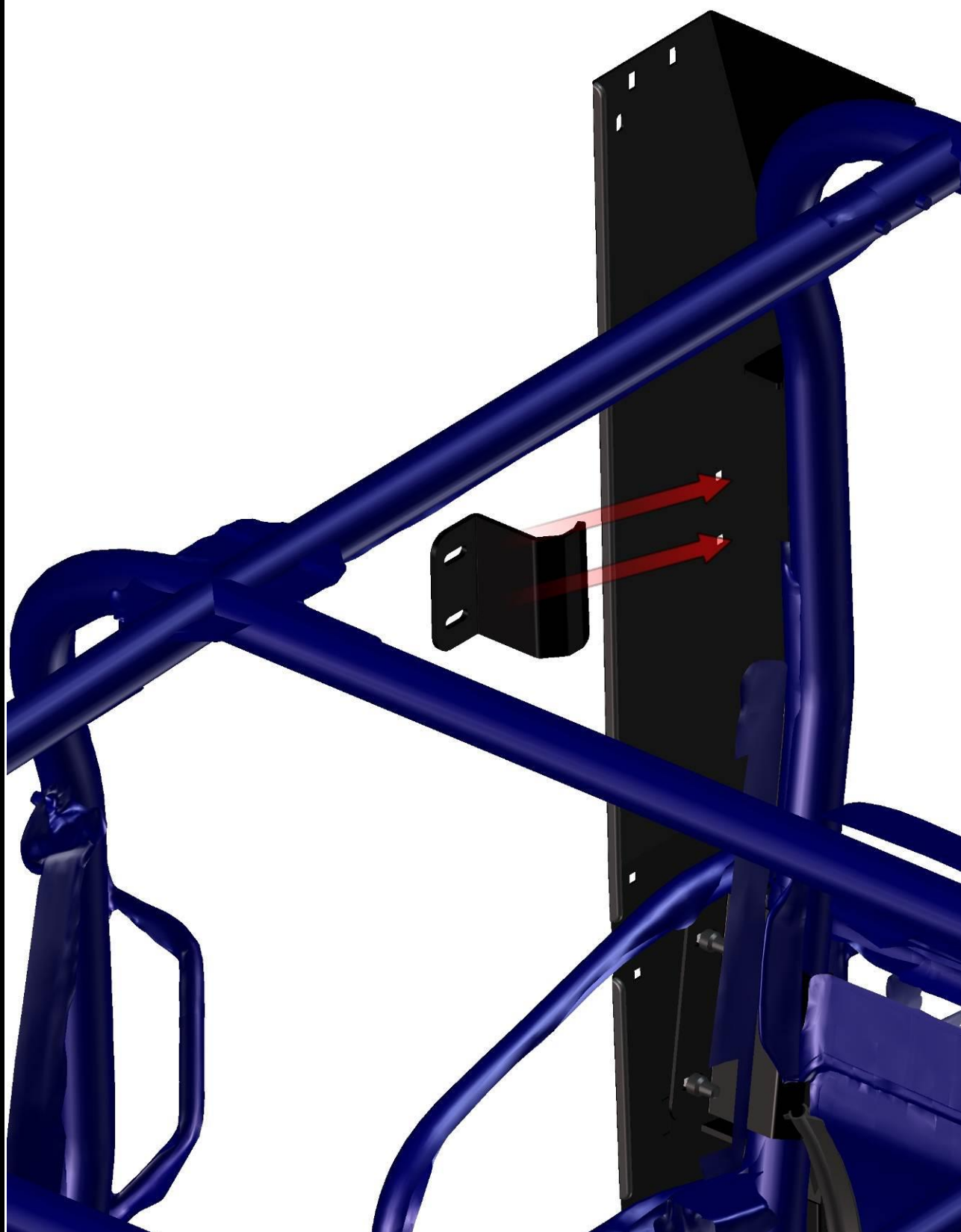
10

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



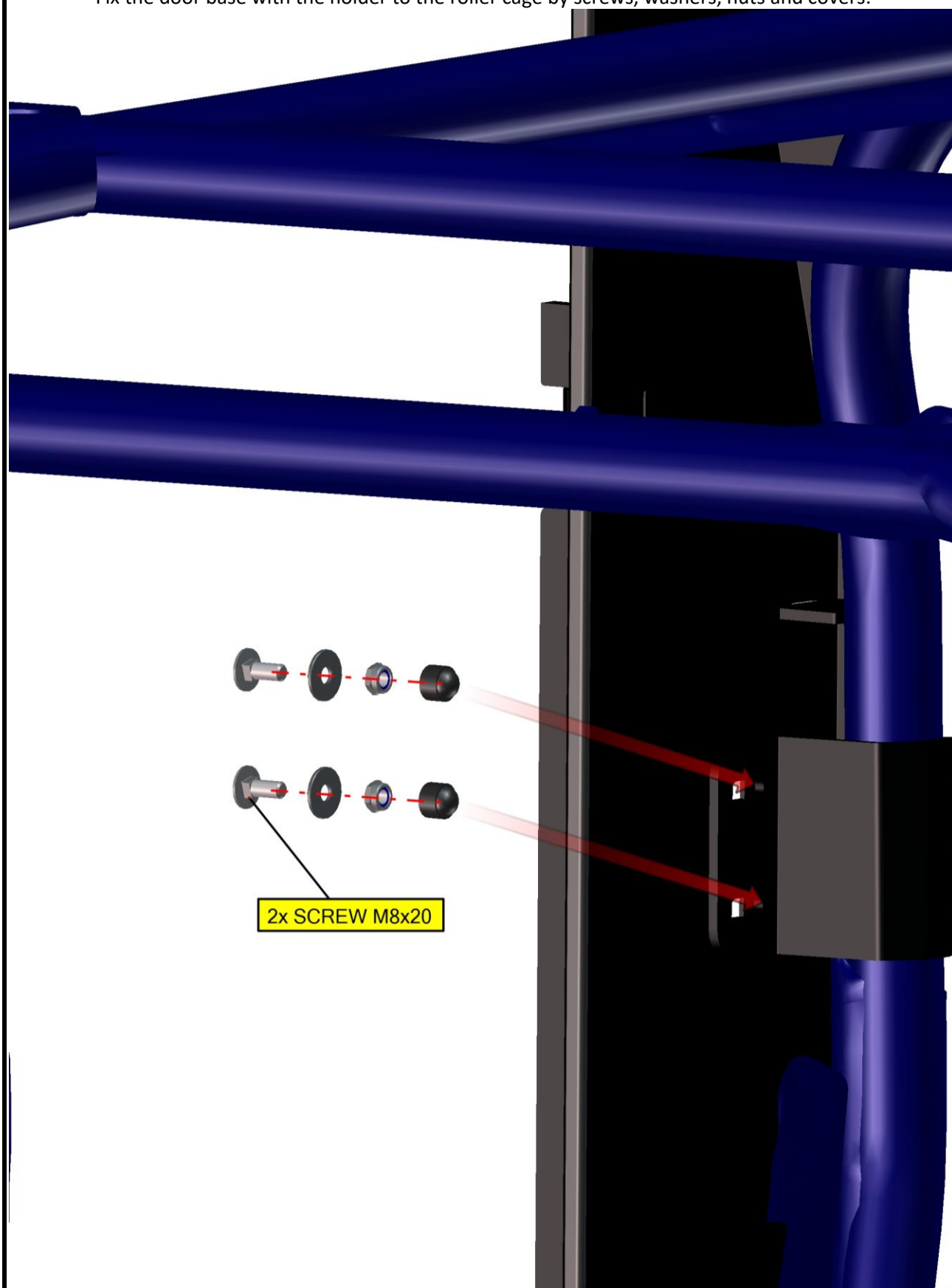
11

Place the door base middle holder onto the door base and onto the roller cage.

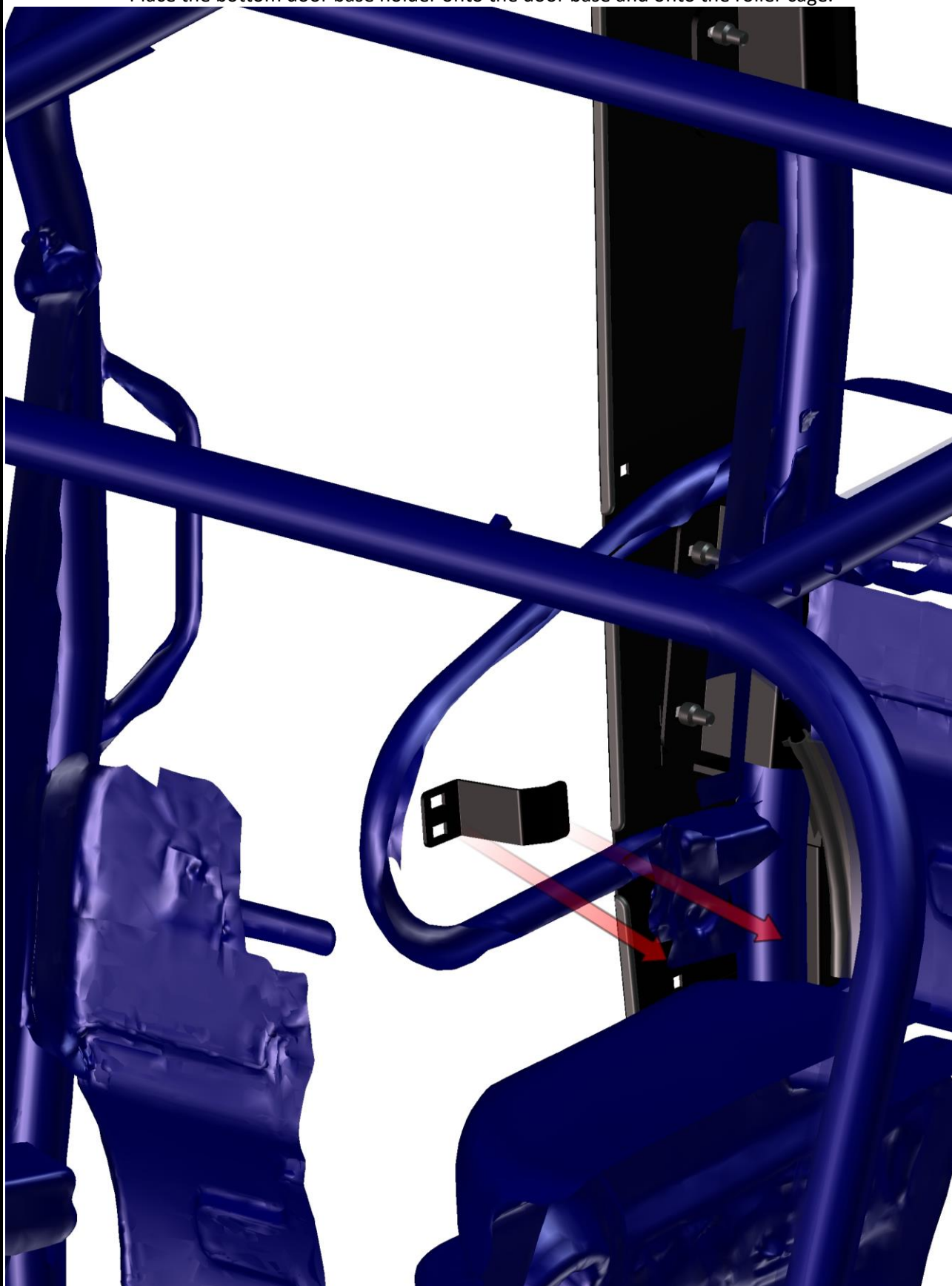


12

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.

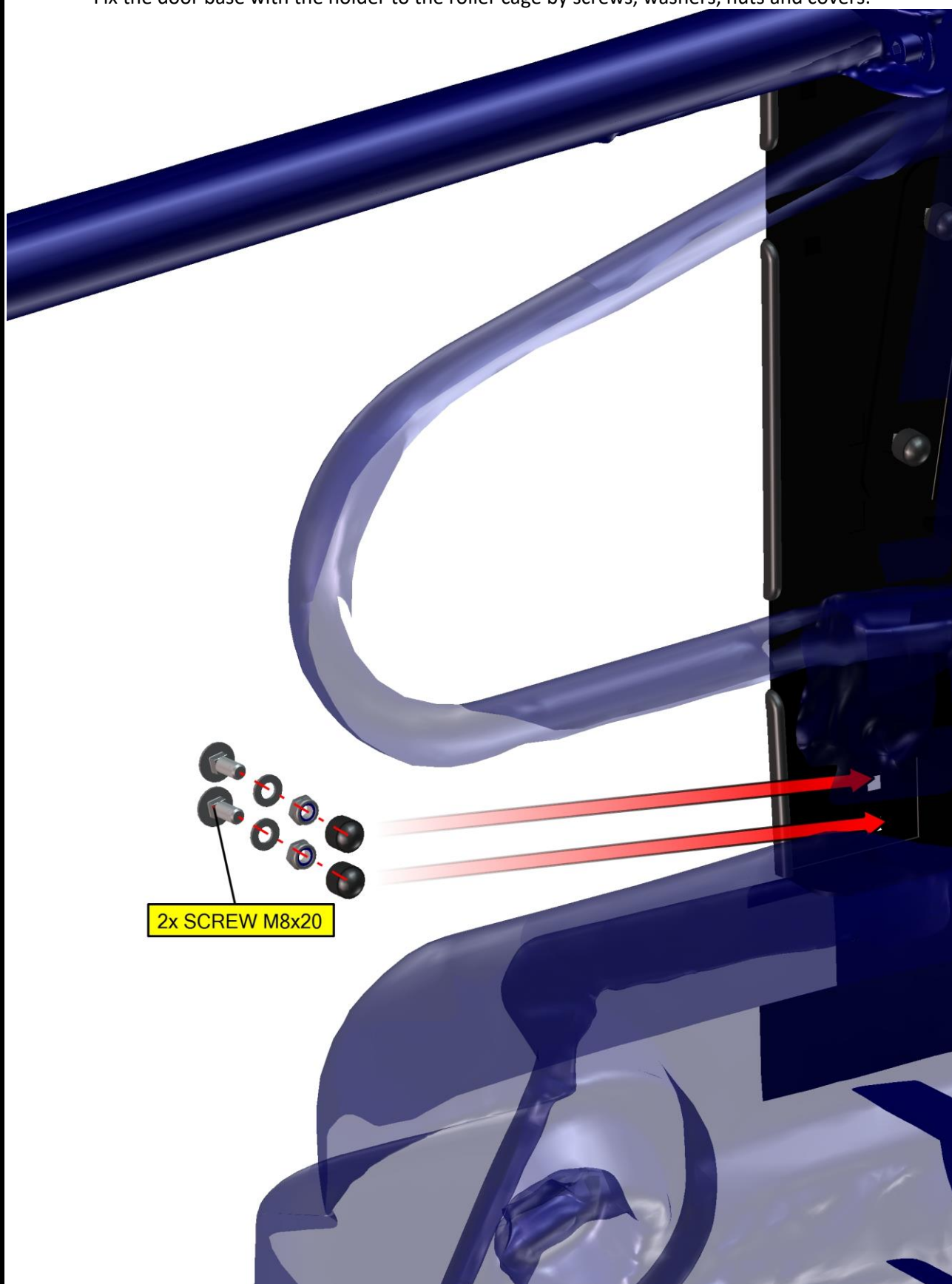


Place the bottom door base holder onto the door base and onto the roller cage.



14

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



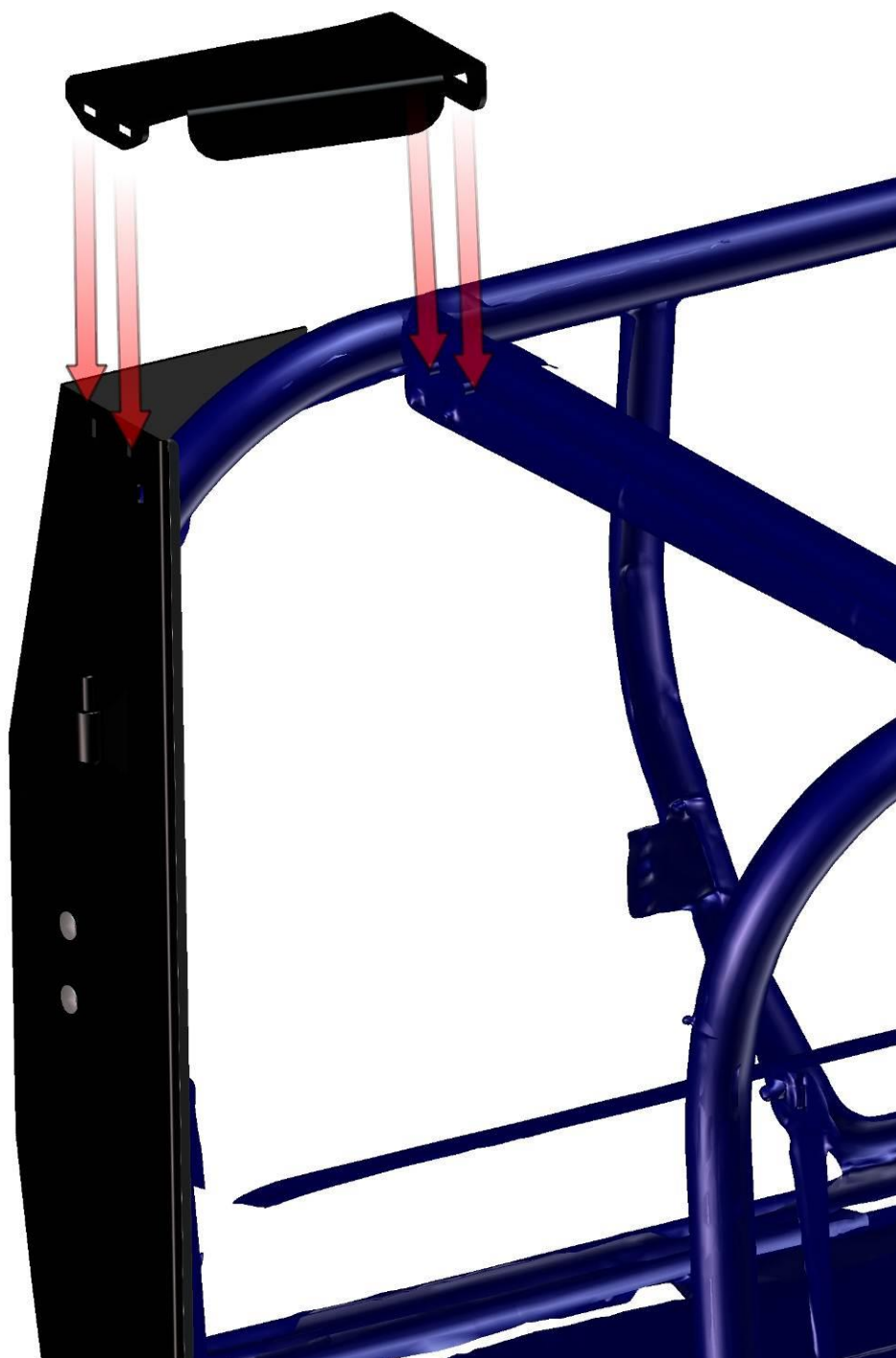
15

Uninstall original screws from the roller cage and save these carefully.



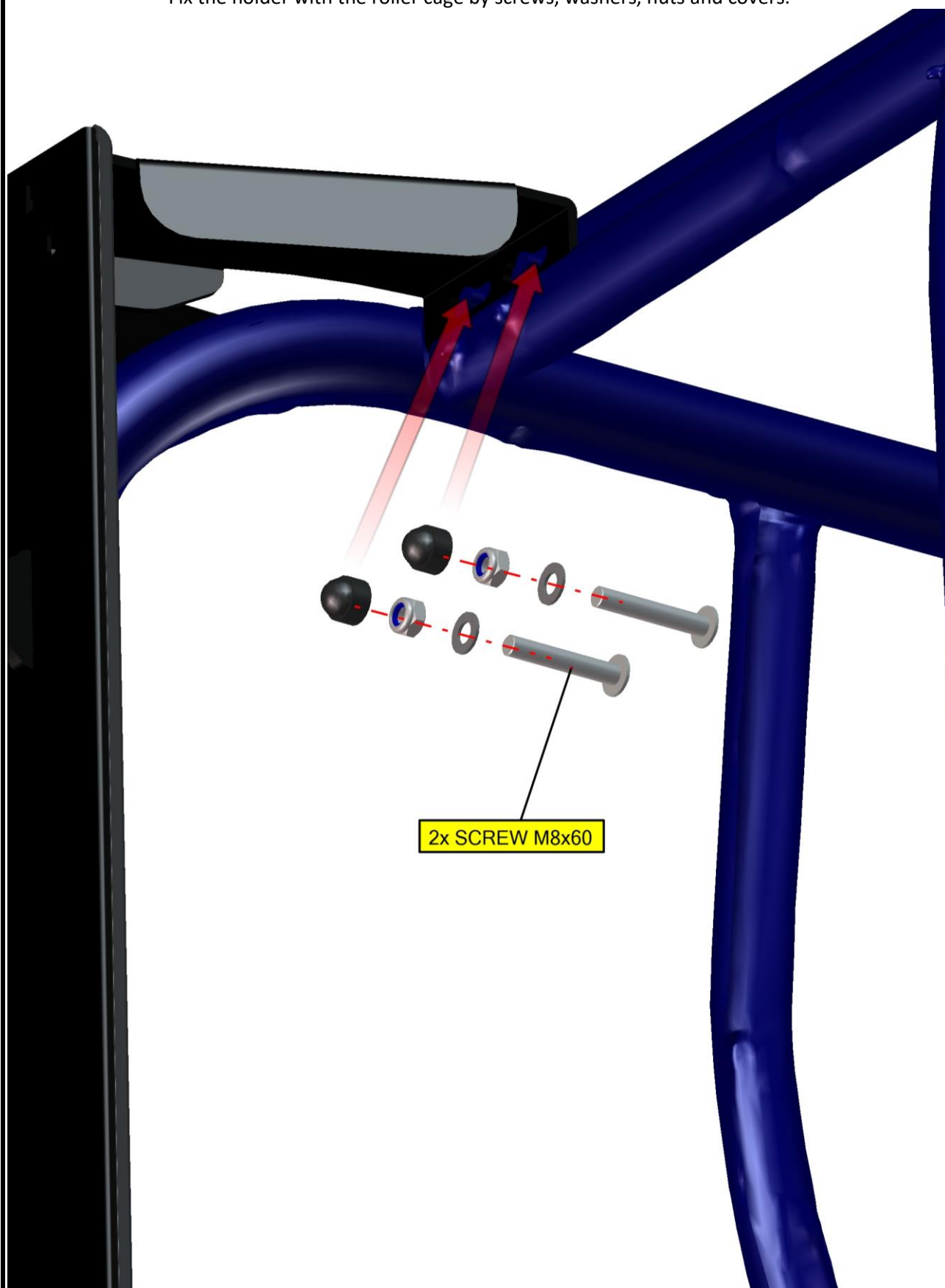
16

Place the right rear base upper holder onto the door base and onto the roller cage.

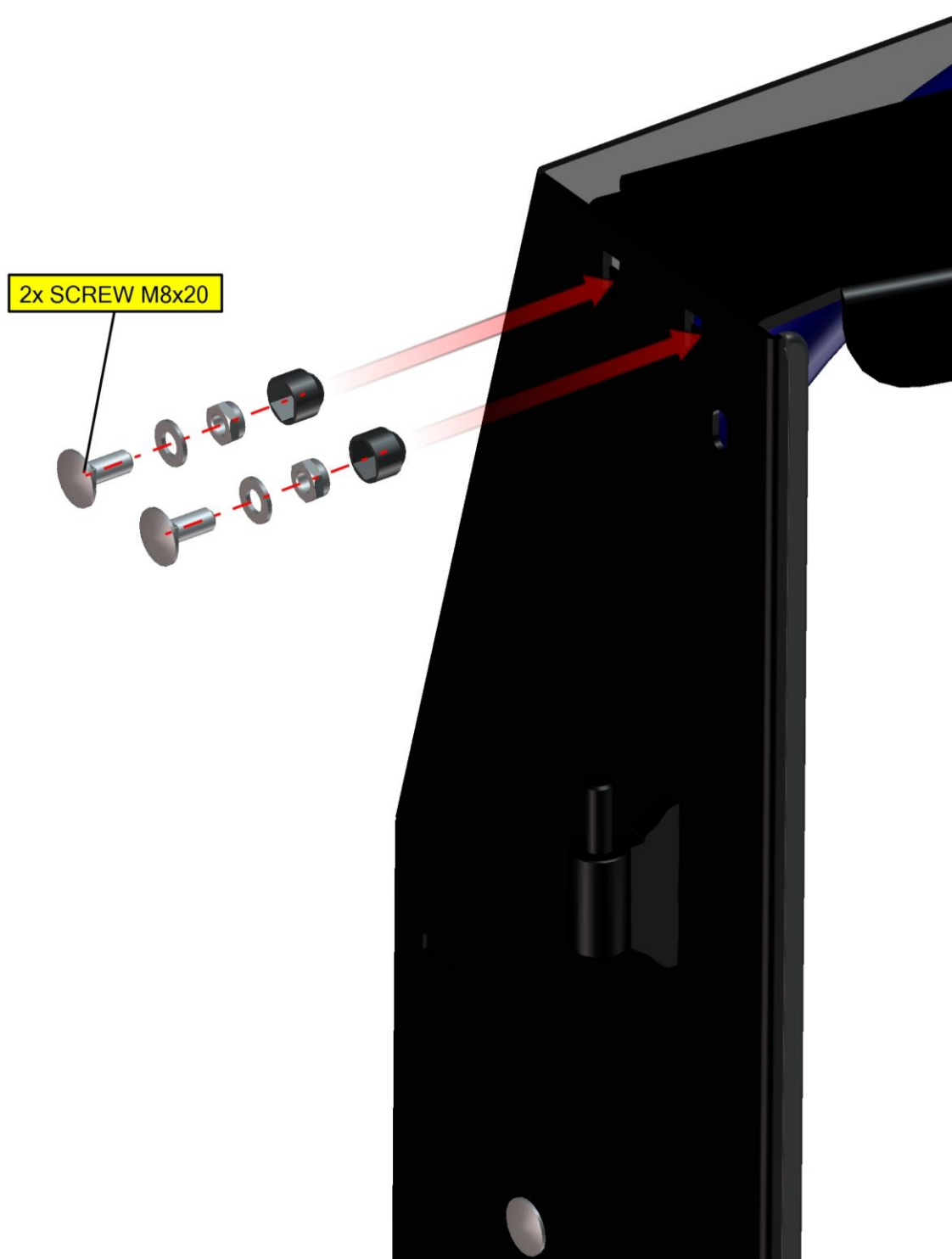


17

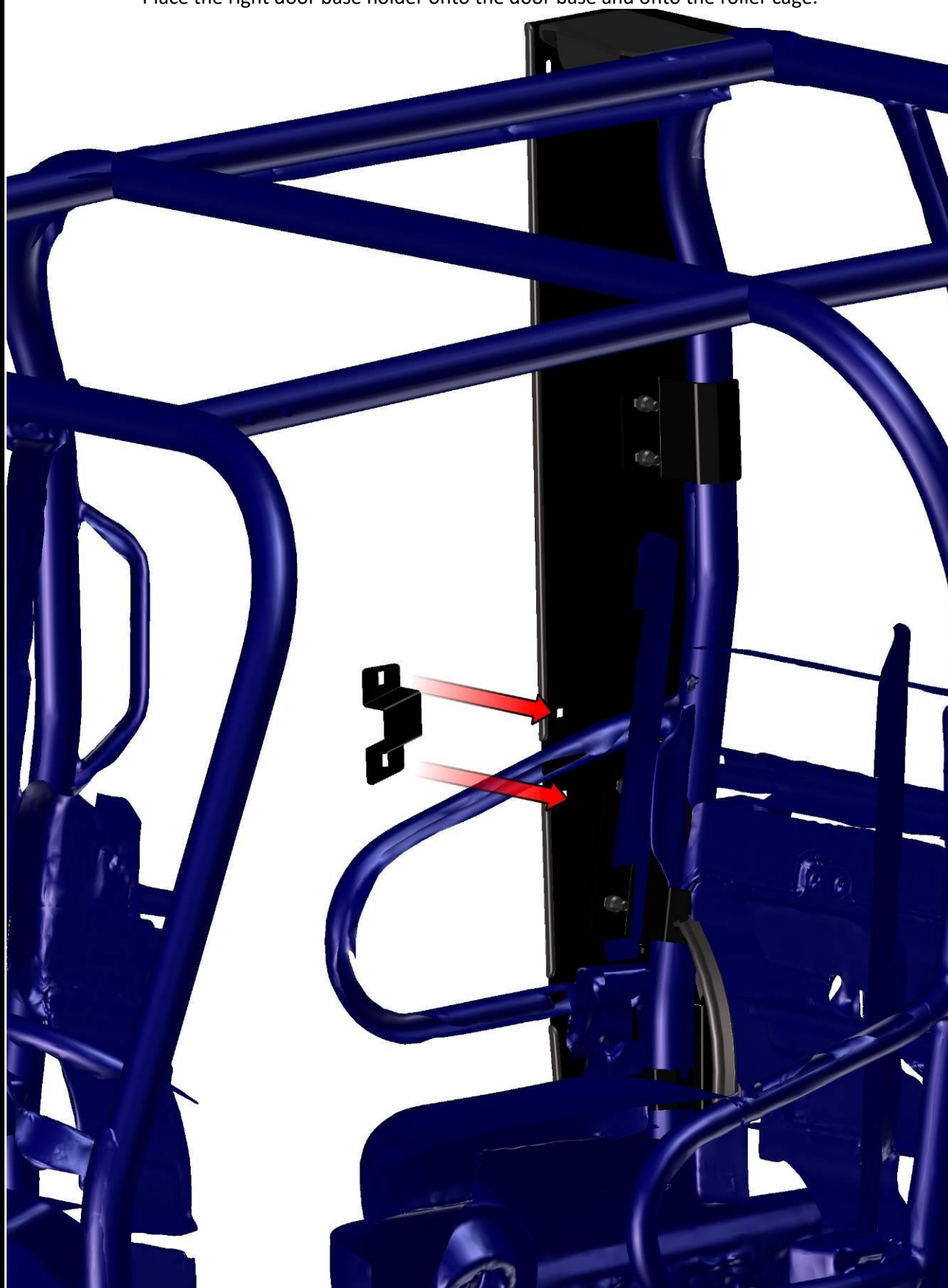
Fix the holder with the roller cage by screws, washers, nuts and covers.



Fix the holder with the door base by screws, washers, nuts and covers.

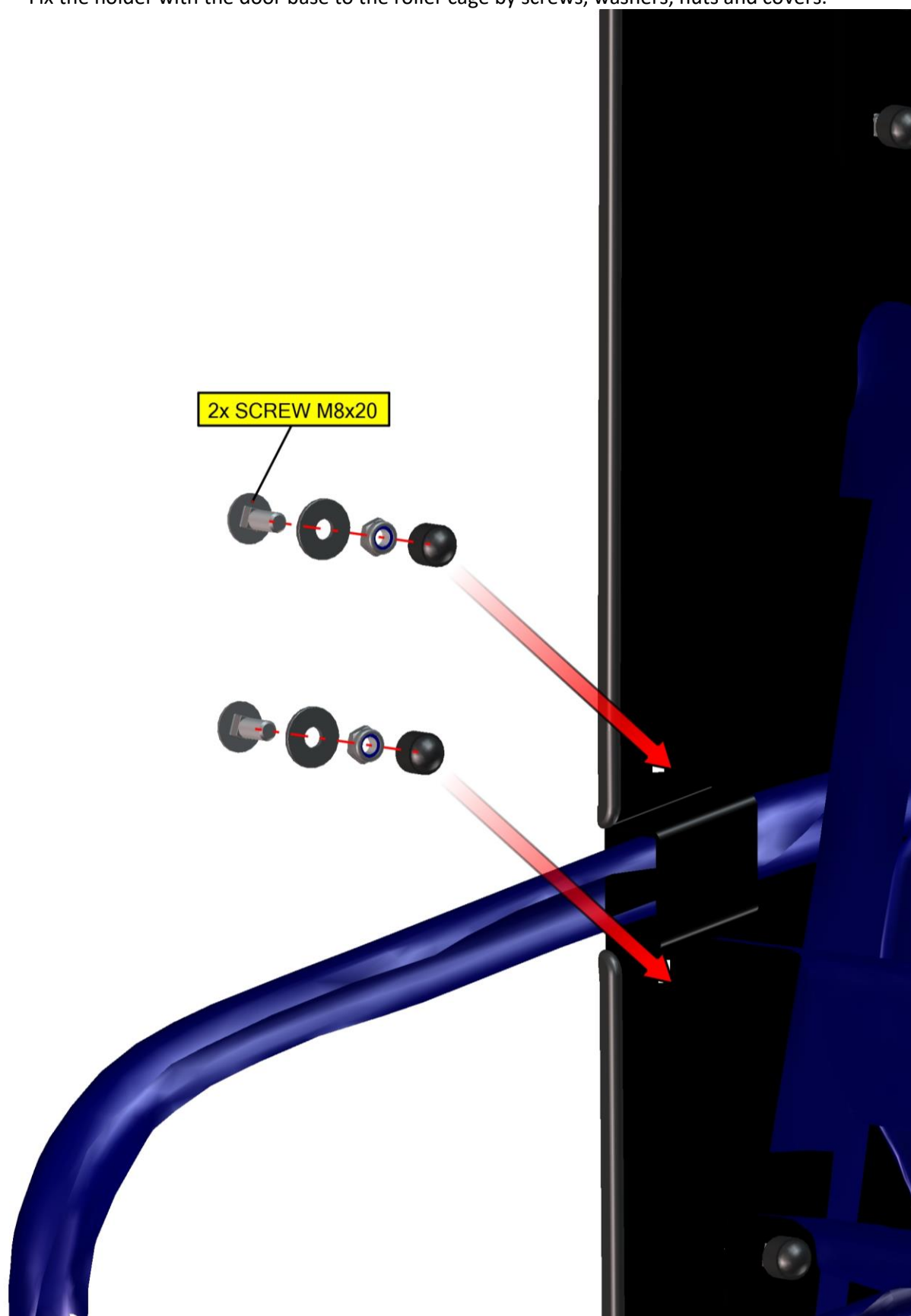


Place the right door base holder onto the door base and onto the roller cage.



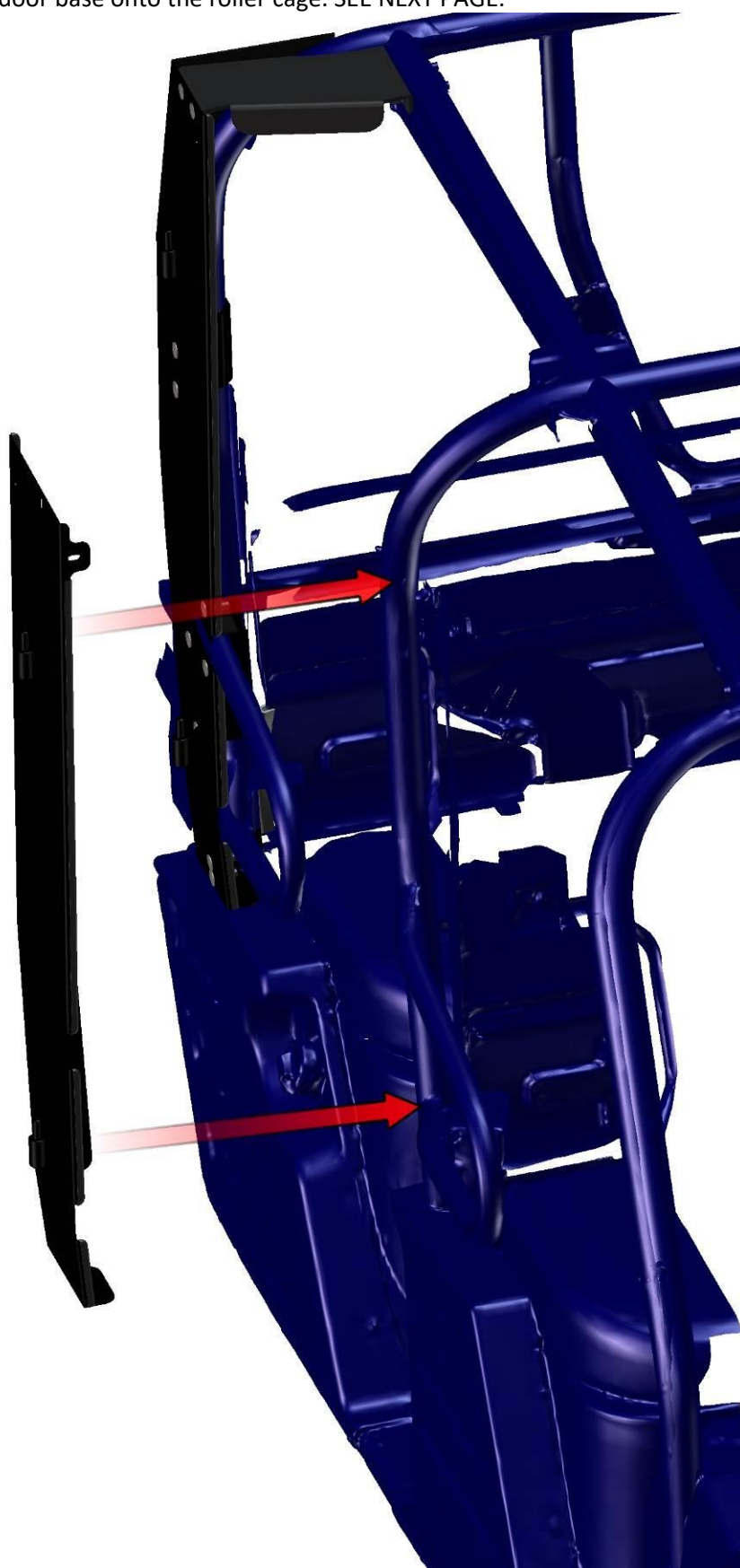
20

Fix the holder with the door base to the roller cage by screws, washers, nuts and covers.



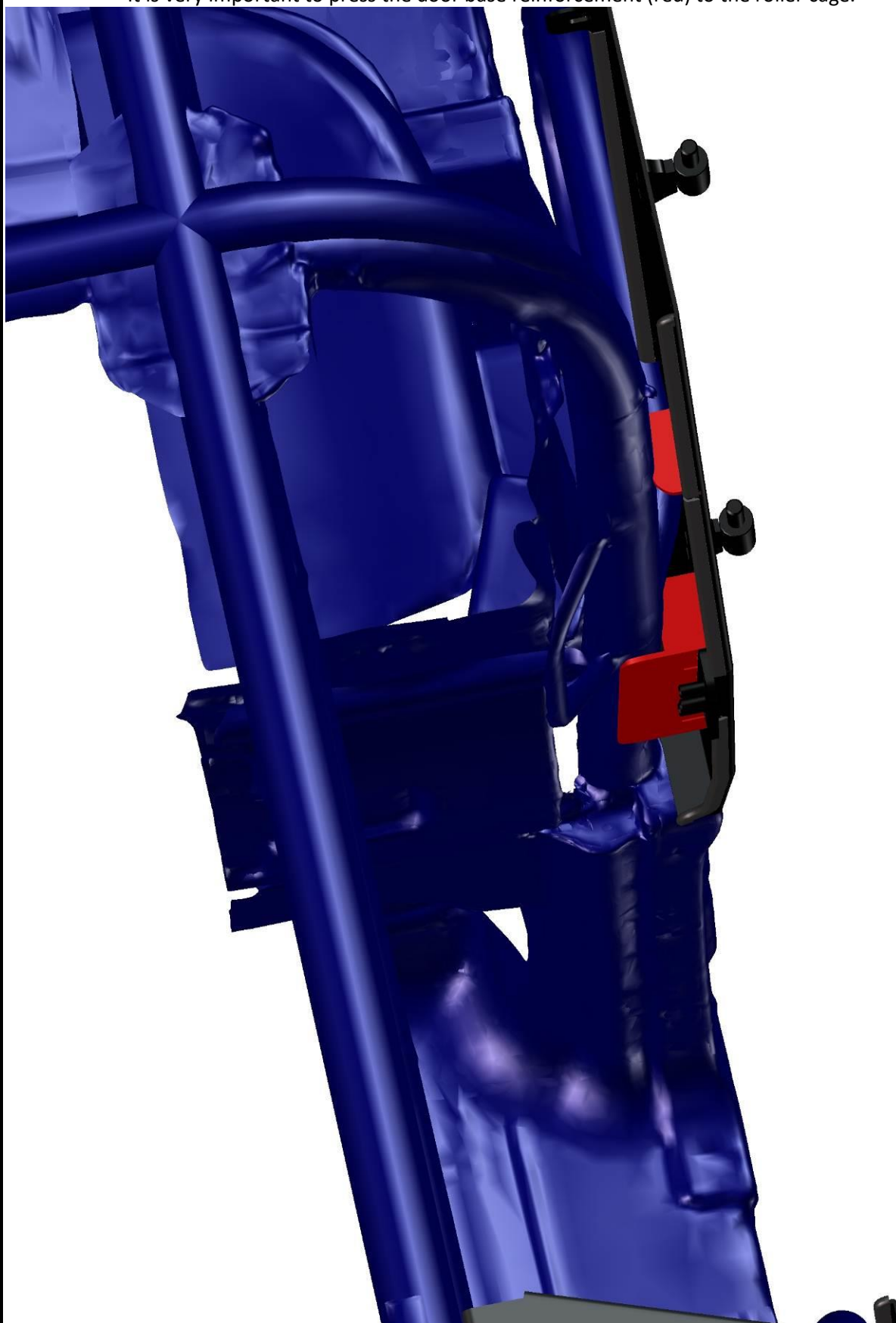
21

Place the front door base onto the roller cage. SEE NEXT PAGE.

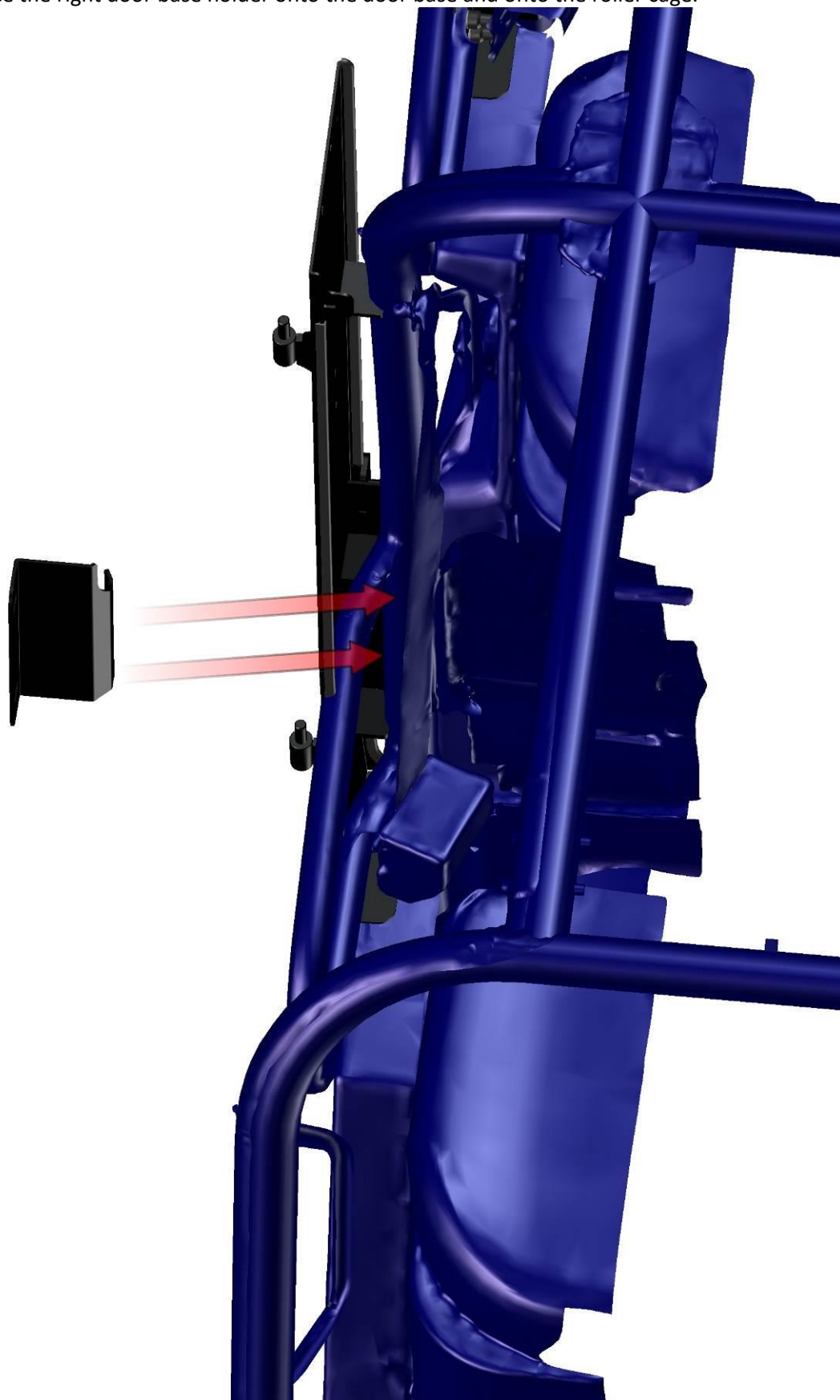


22

It is very important to press the door base reinforcement (red) to the roller cage.

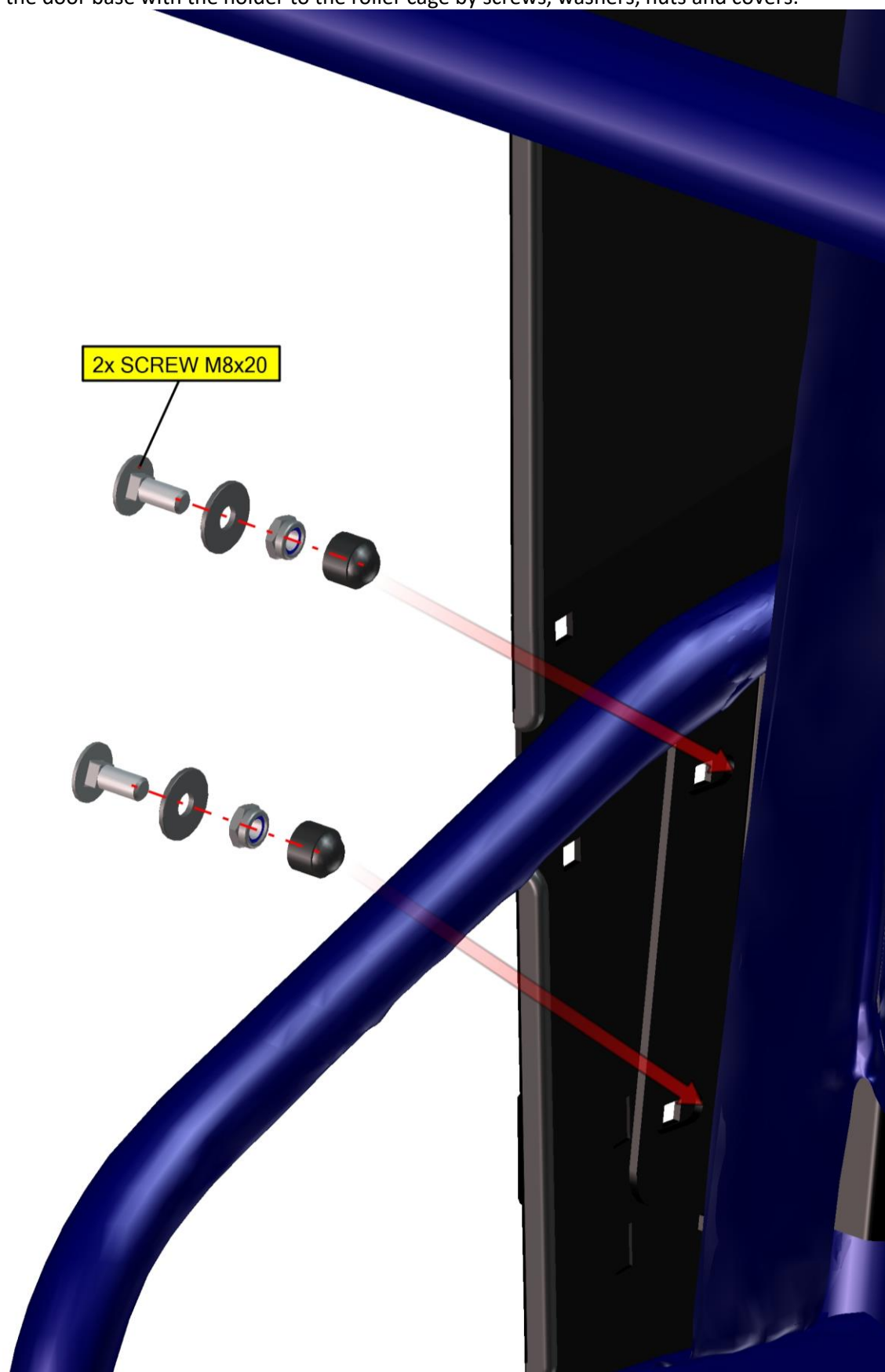


Place the right door base holder onto the door base and onto the roller cage.



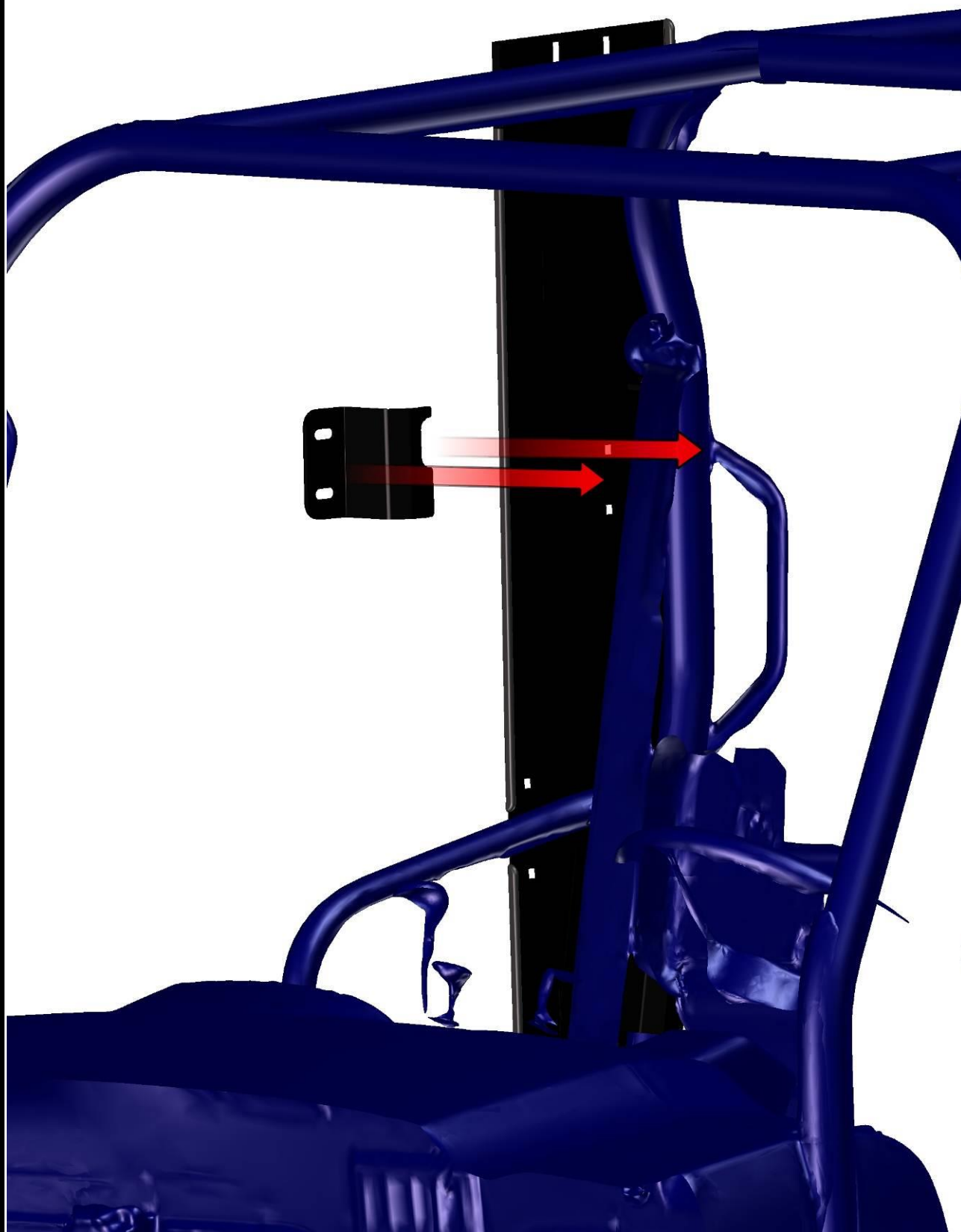
24

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



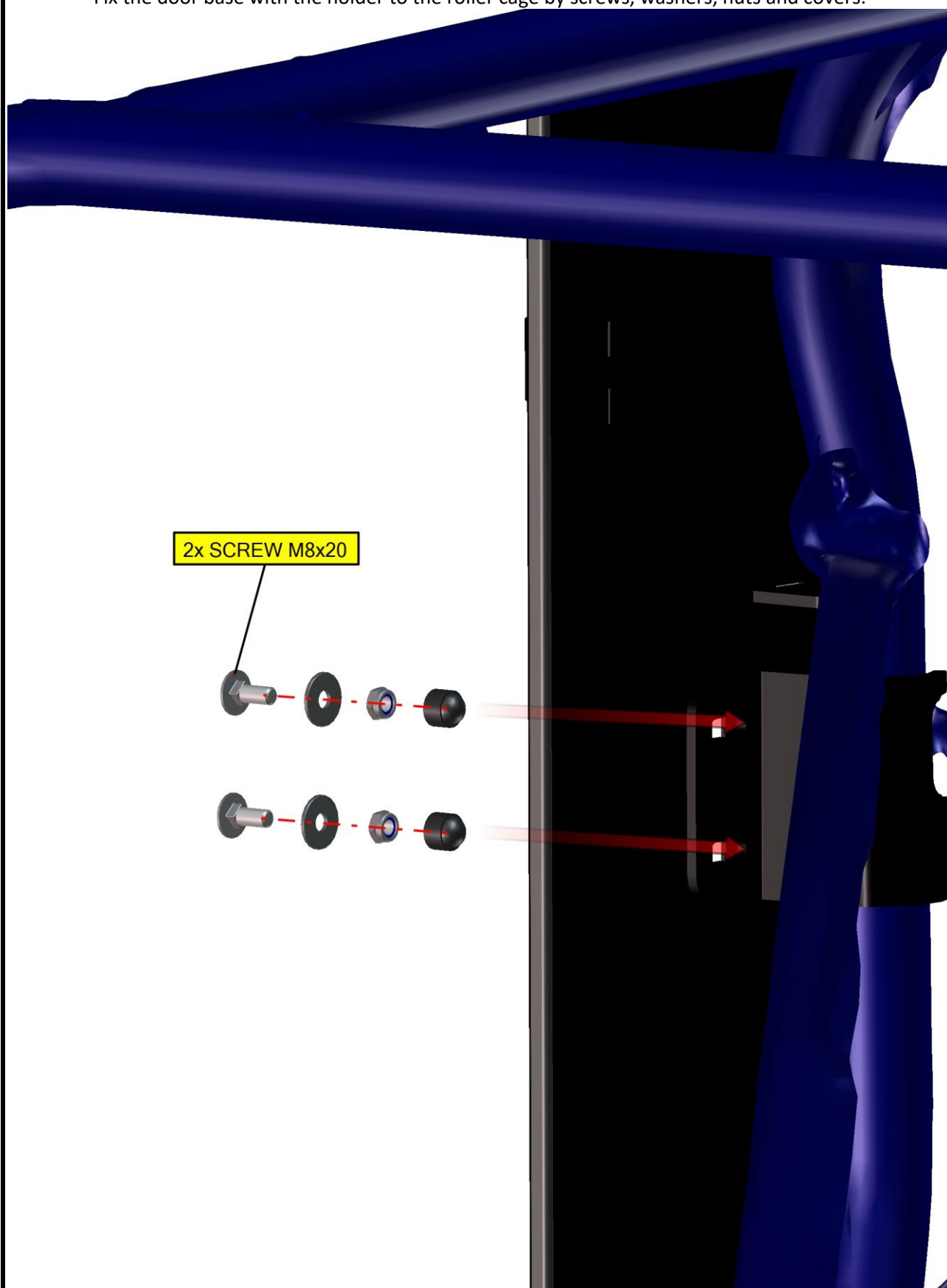
25

Place the right door base holder onto the door base and onto the roller cage.



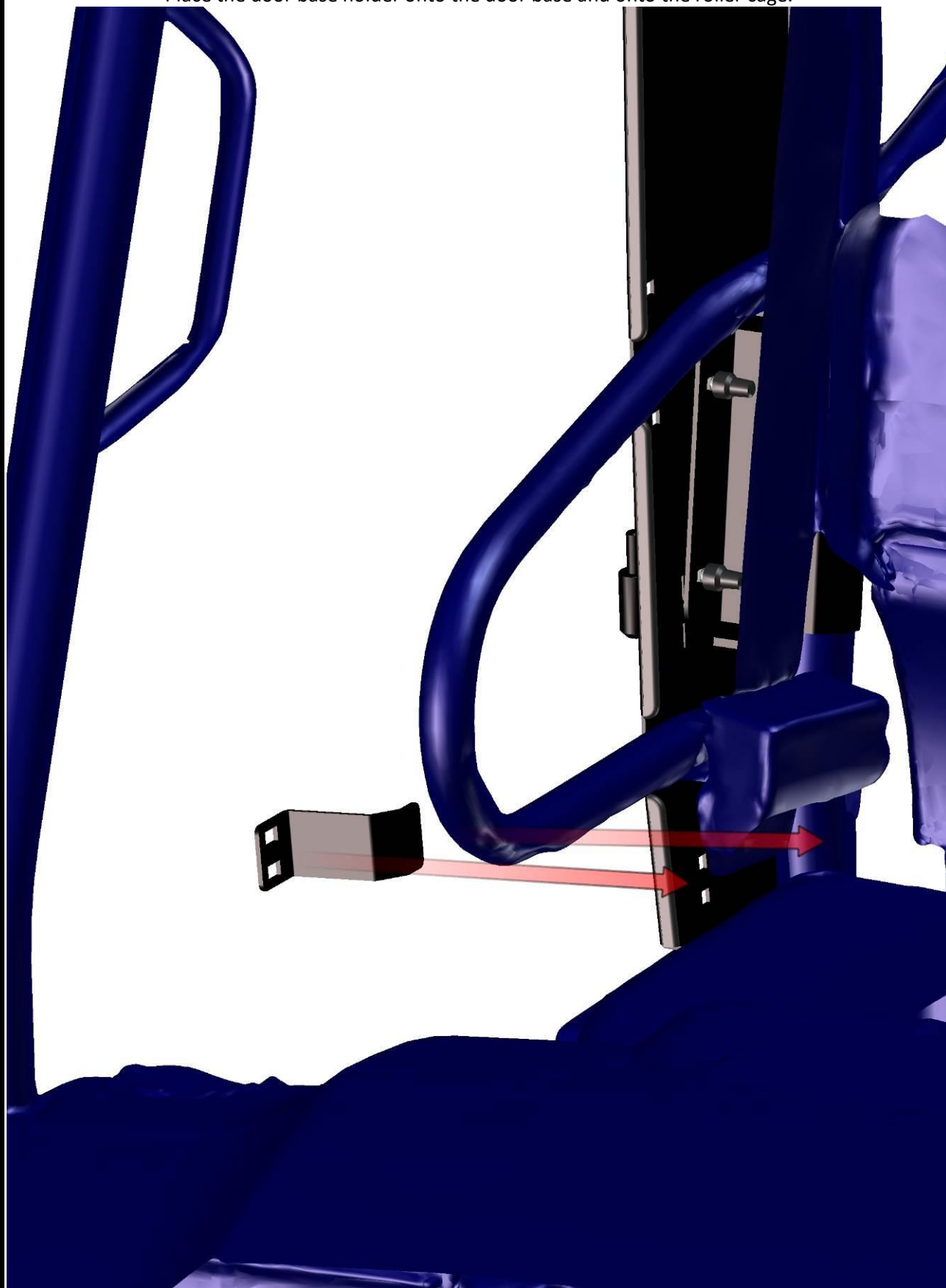
26

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



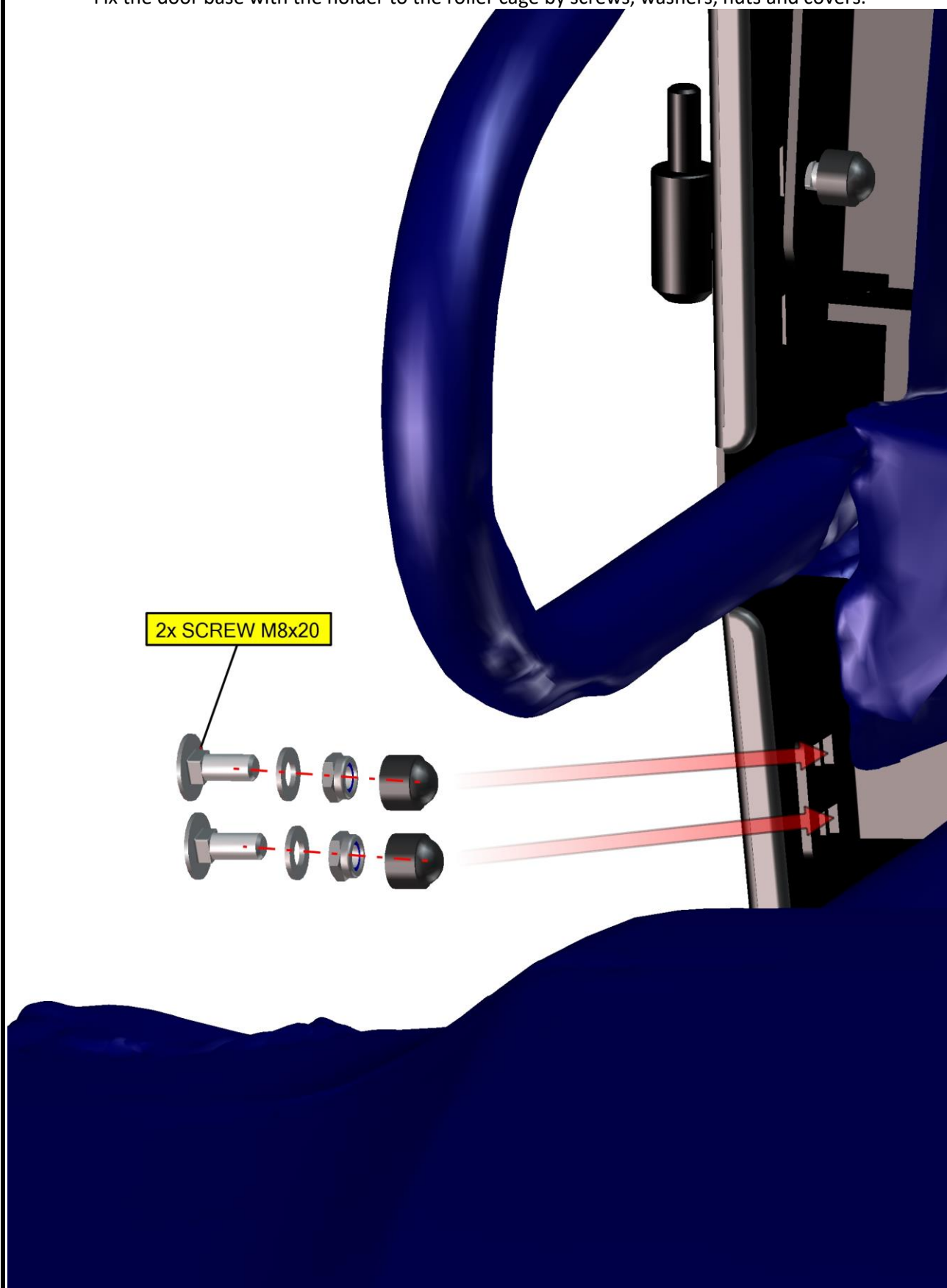
27

Place the door base holder onto the door base and onto the roller cage.



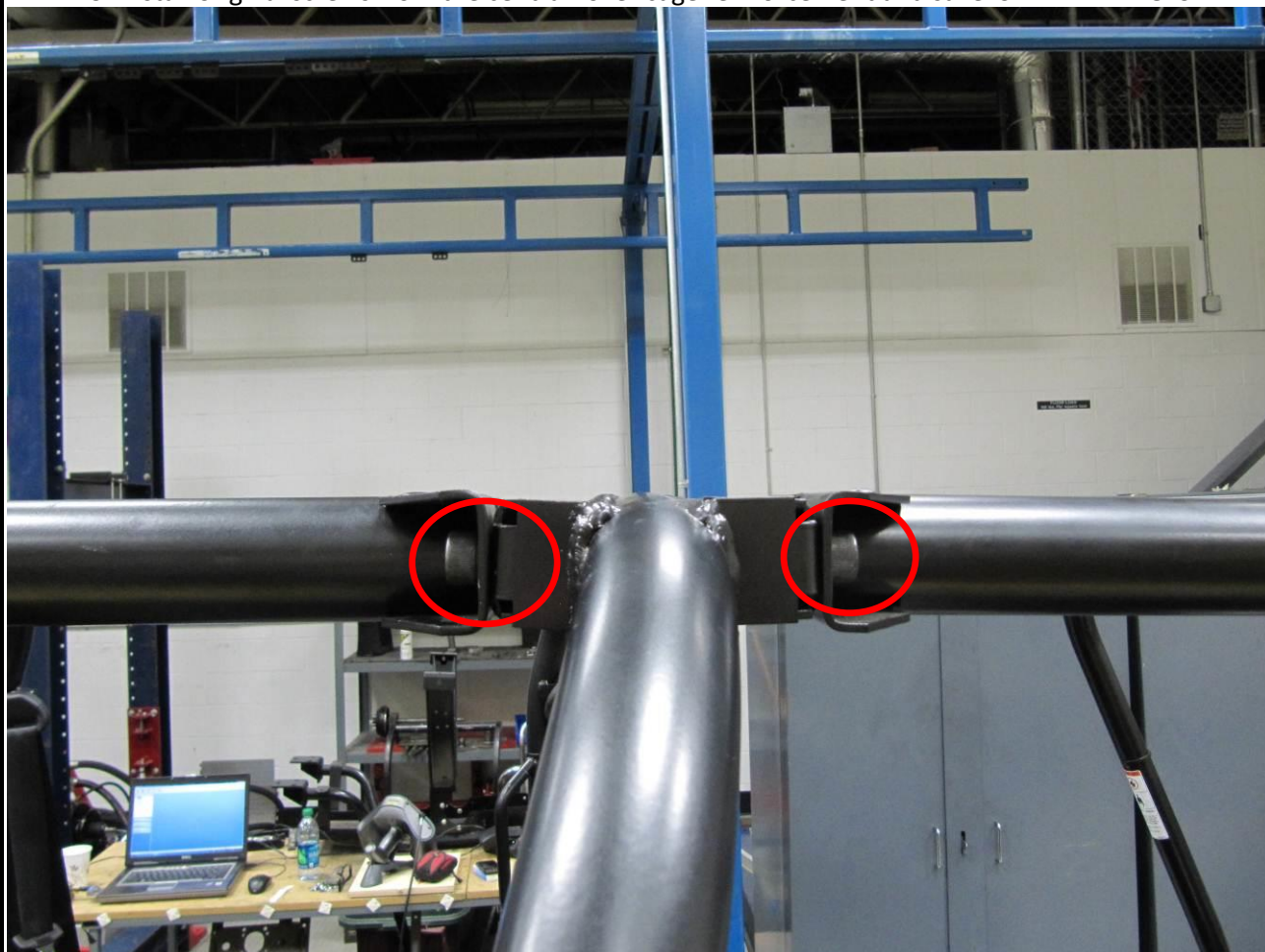
28

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



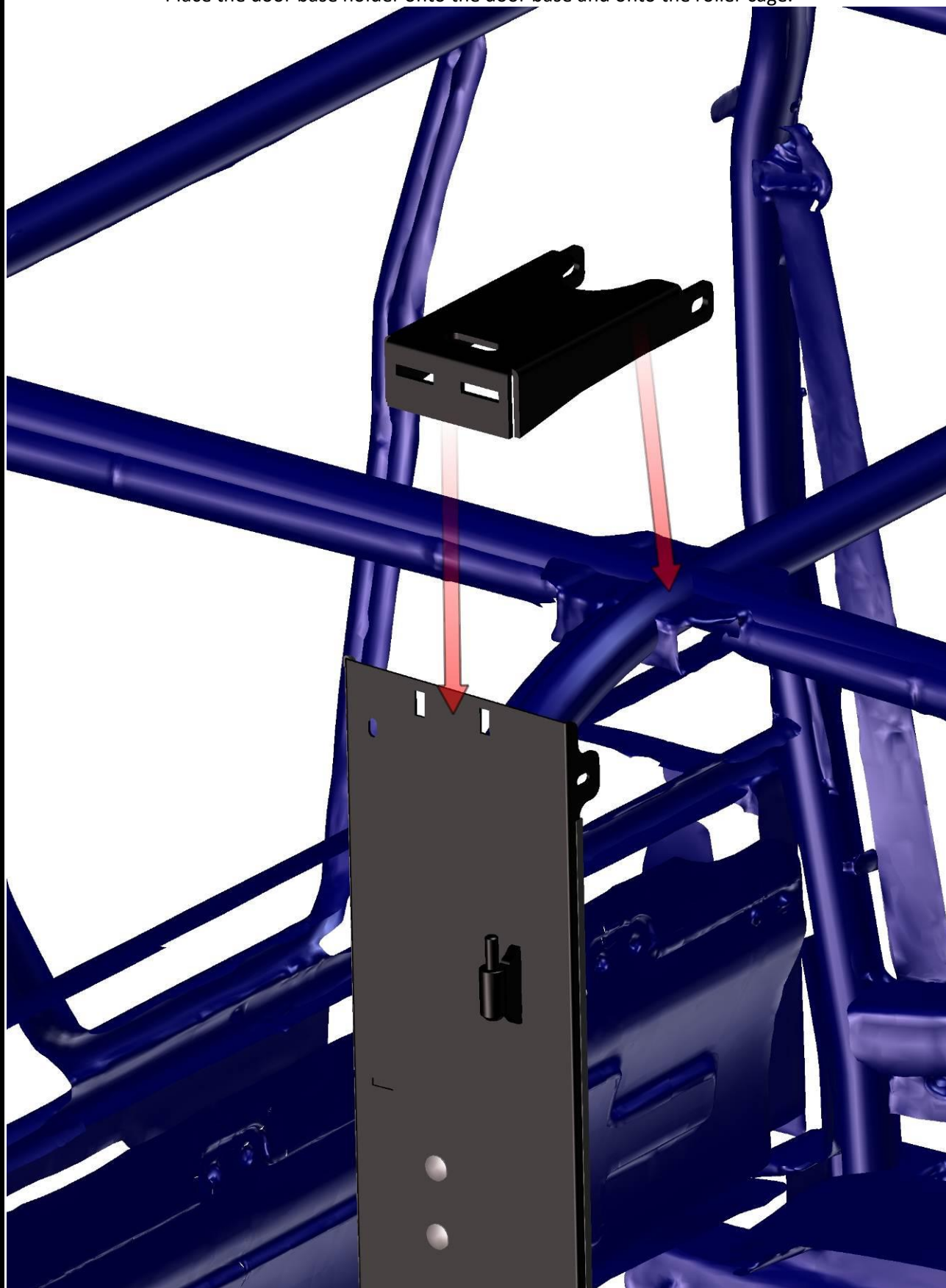
29

Uninstall original screws from the central roller cage reinforcement and save. SEE NEXT PAGES



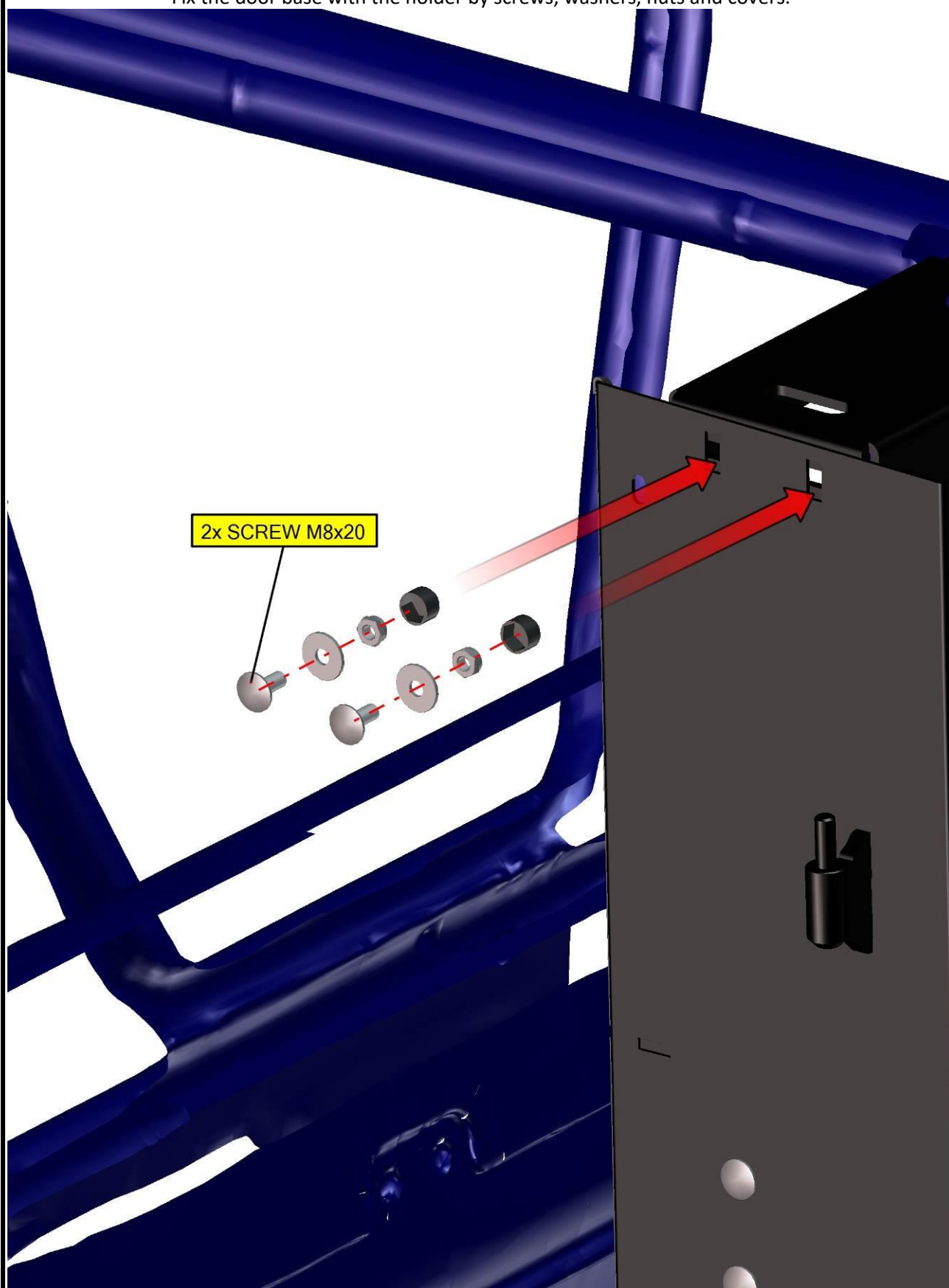
30

Place the door base holder onto the door base and onto the roller cage.



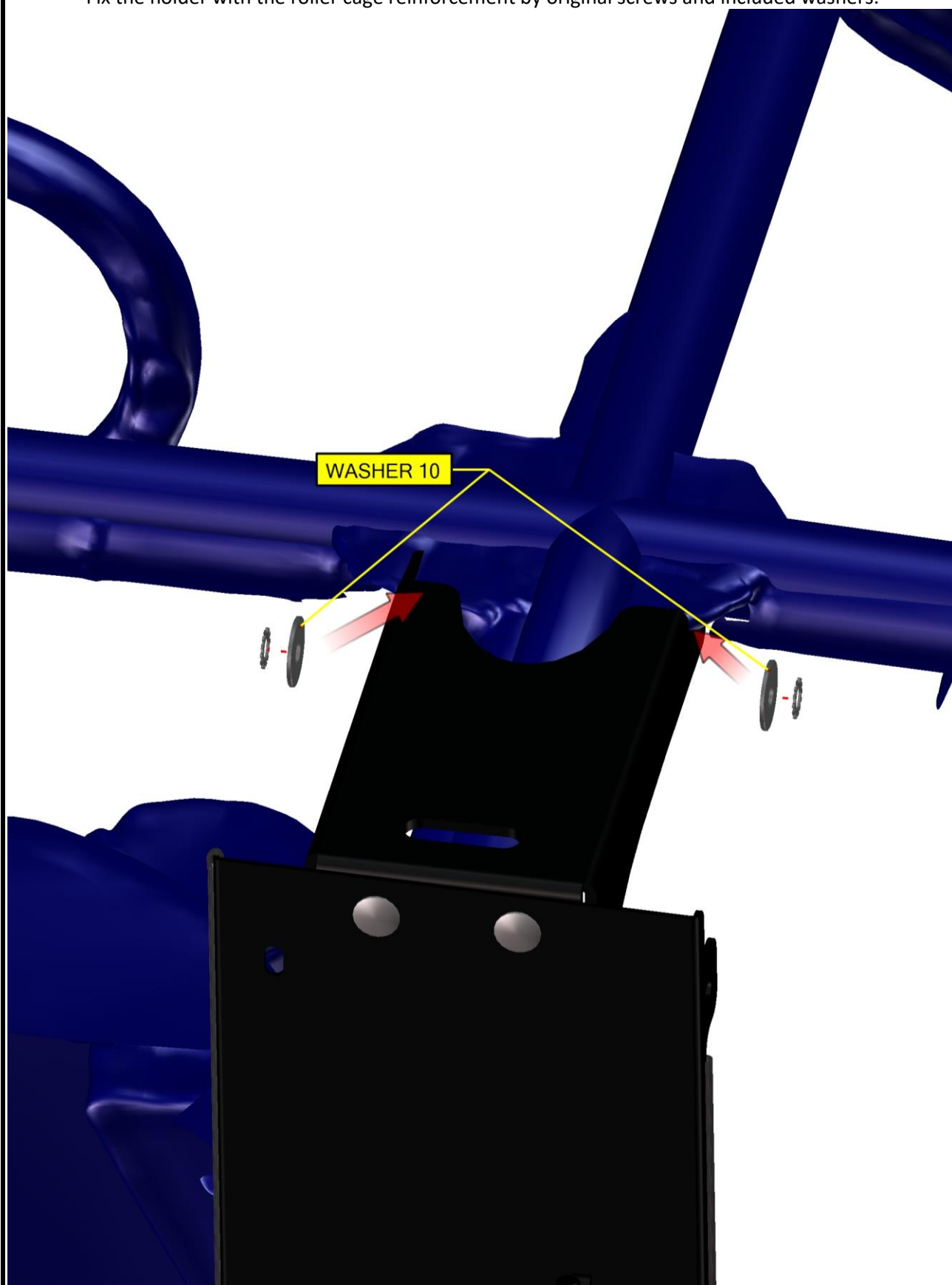
31

Fix the door base with the holder by screws, washers, nuts and covers.



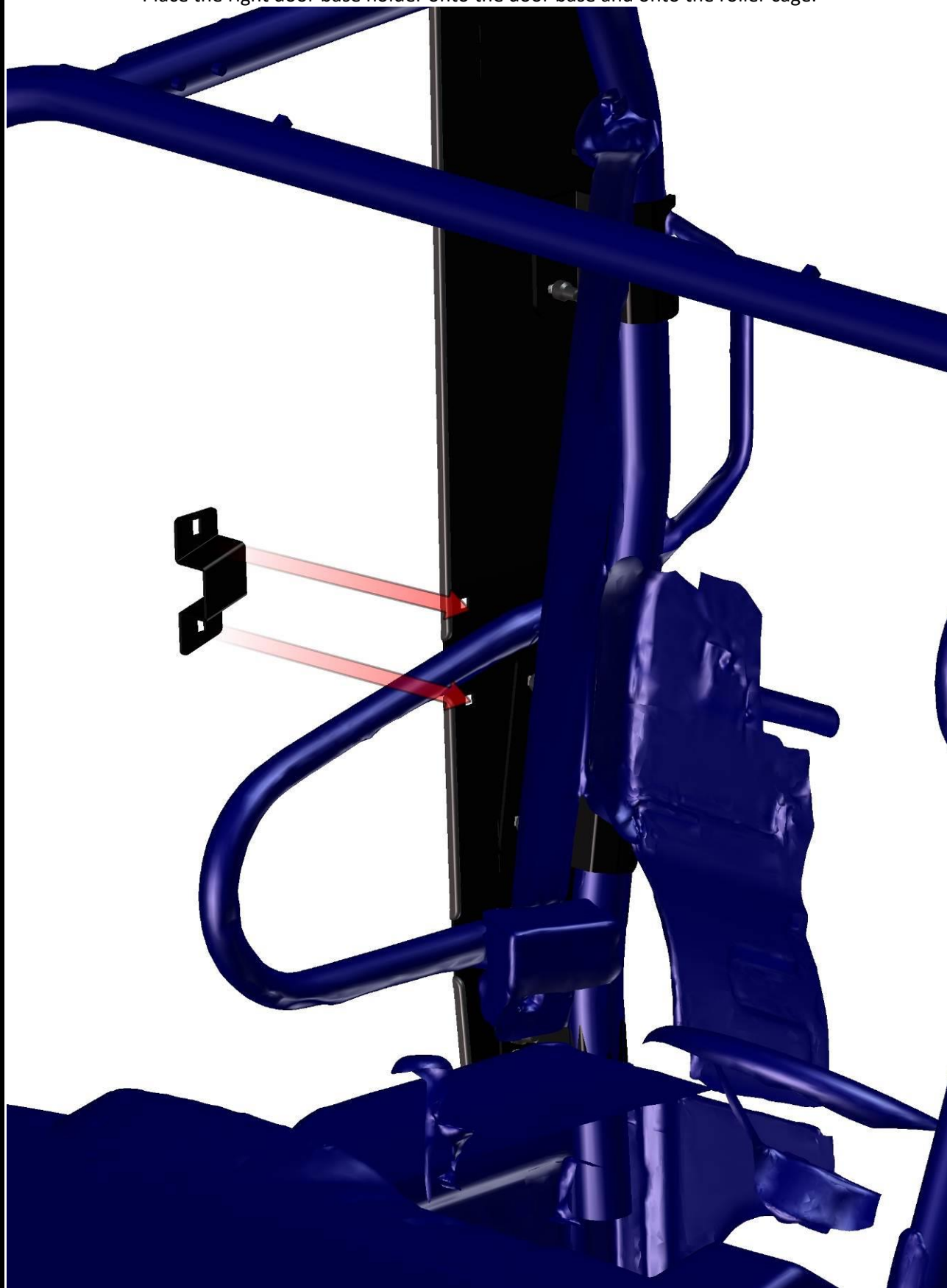
32

Fix the holder with the roller cage reinforcement by original screws and included washers.



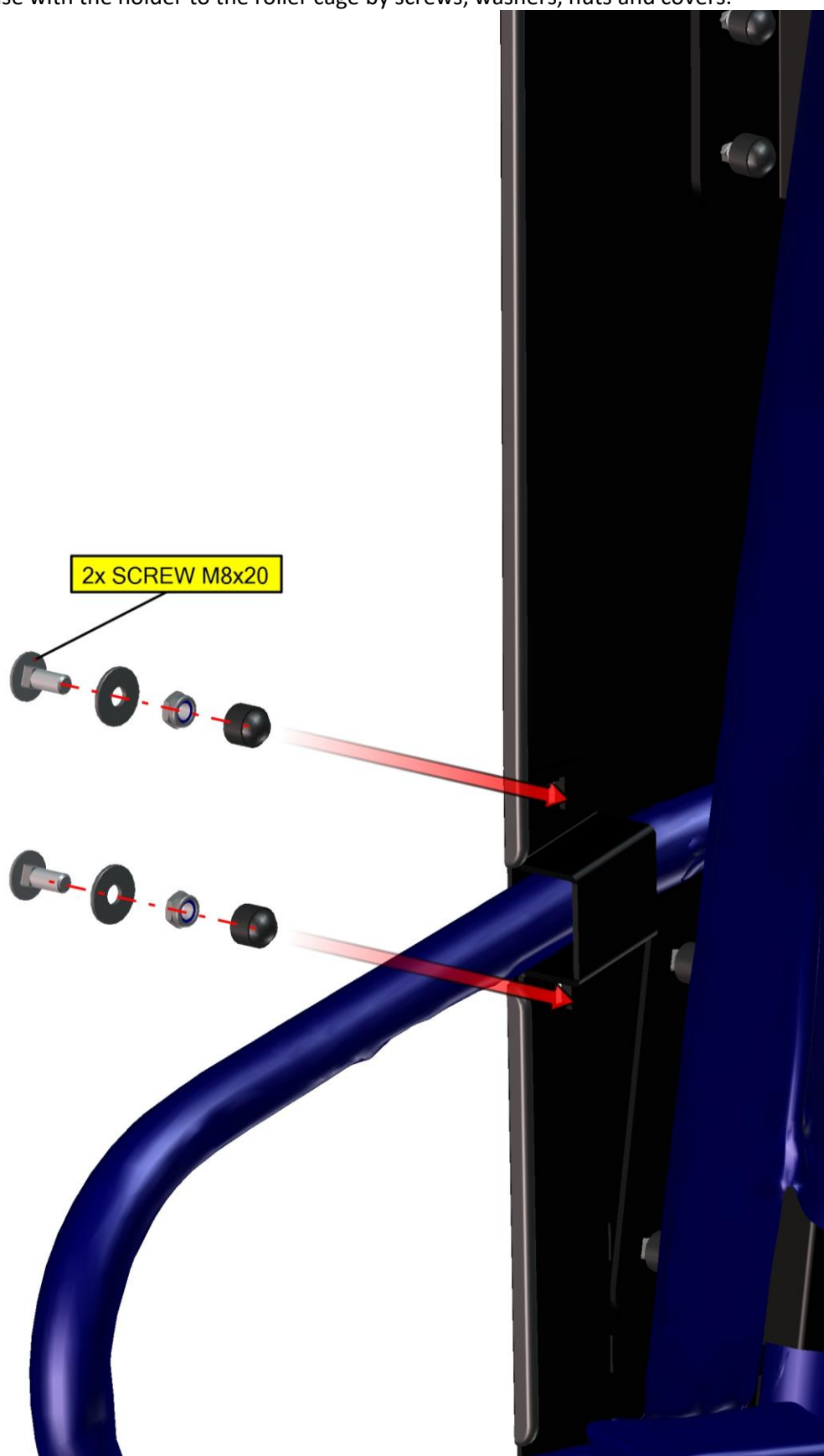
33

Place the right door base holder onto the door base and onto the roller cage.



34

Fix the door base with the holder to the roller cage by screws, washers, nuts and covers.



35

Repeat previous steps with the left door bases and the left holders. SEE NEXT PAGES



36

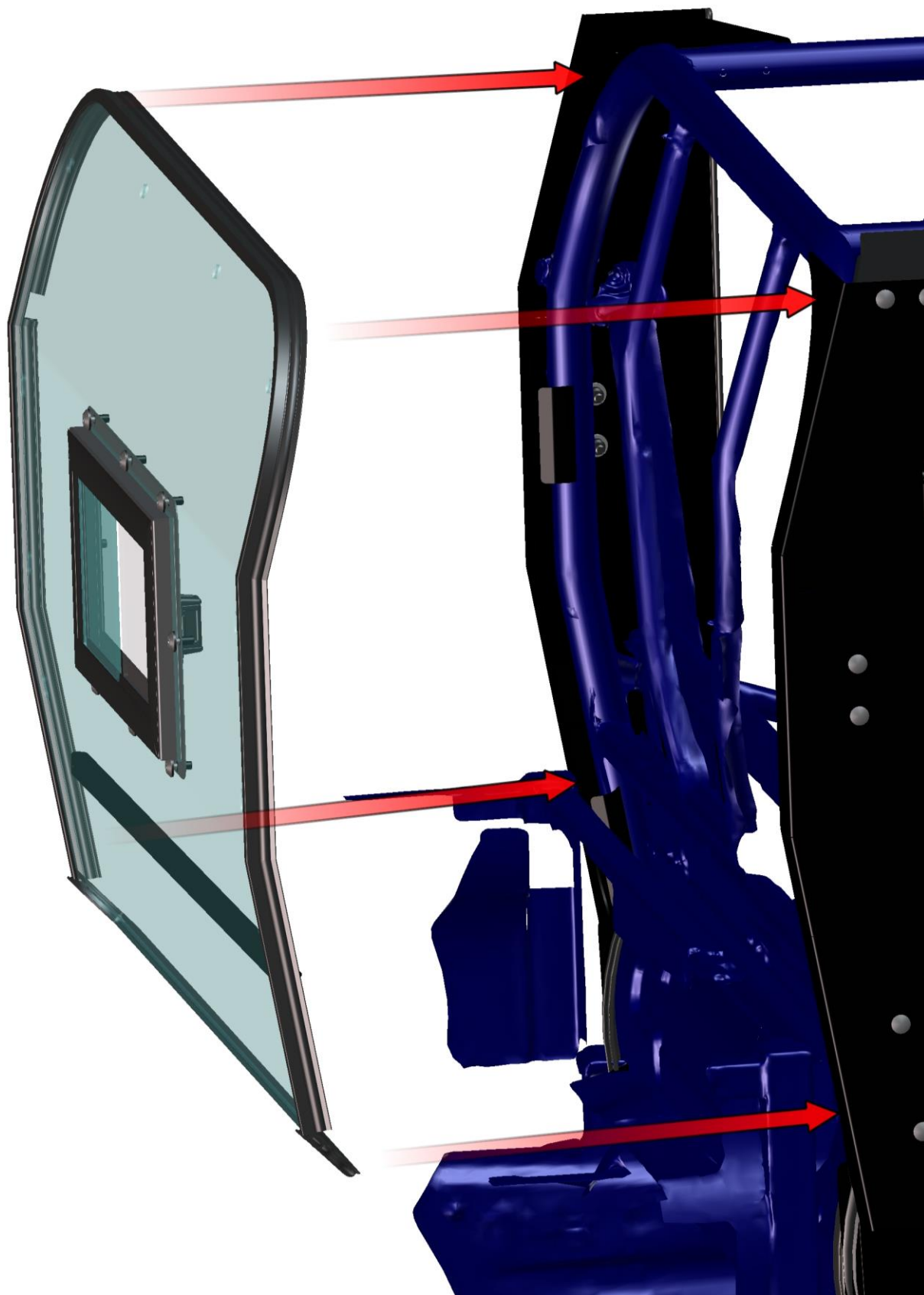
It is very important to adjust the left rear door base to the best position.



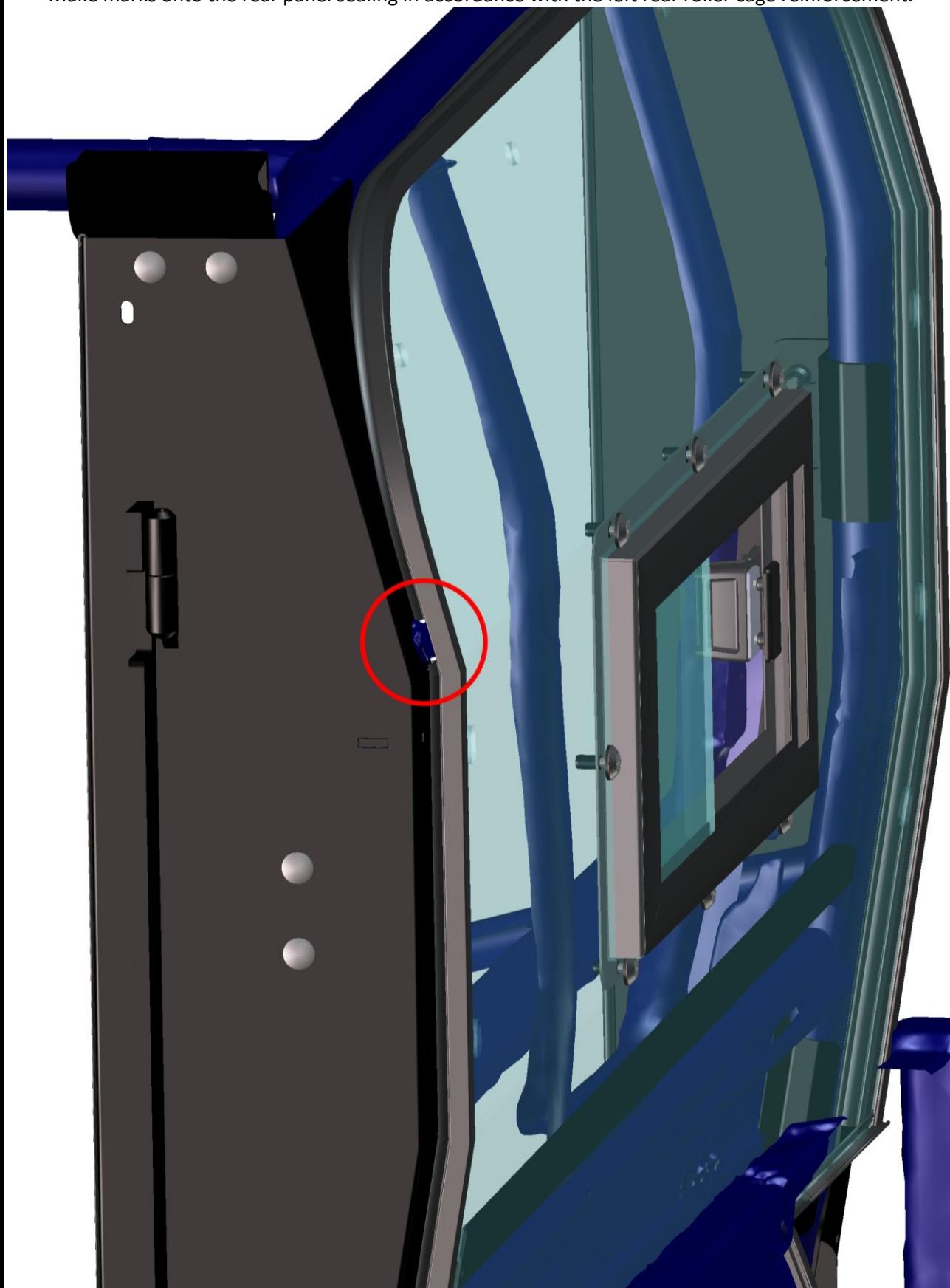
37

REAR PANEL

Take out the opaque foil from the rear panel and place the rear assembly onto the door bases.

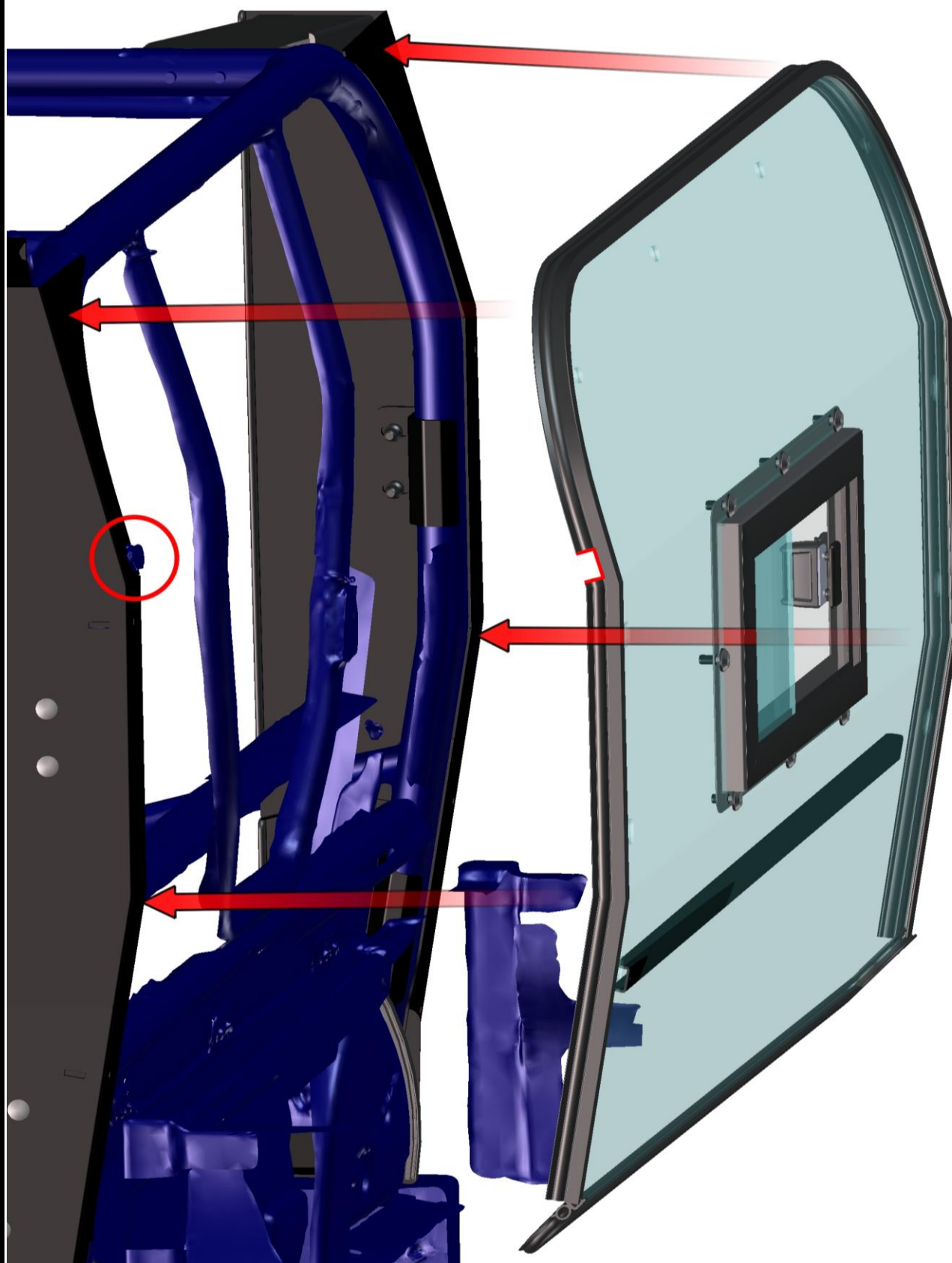


Make marks onto the rear panel sealing in accordance with the left rear roller cage reinforcement.



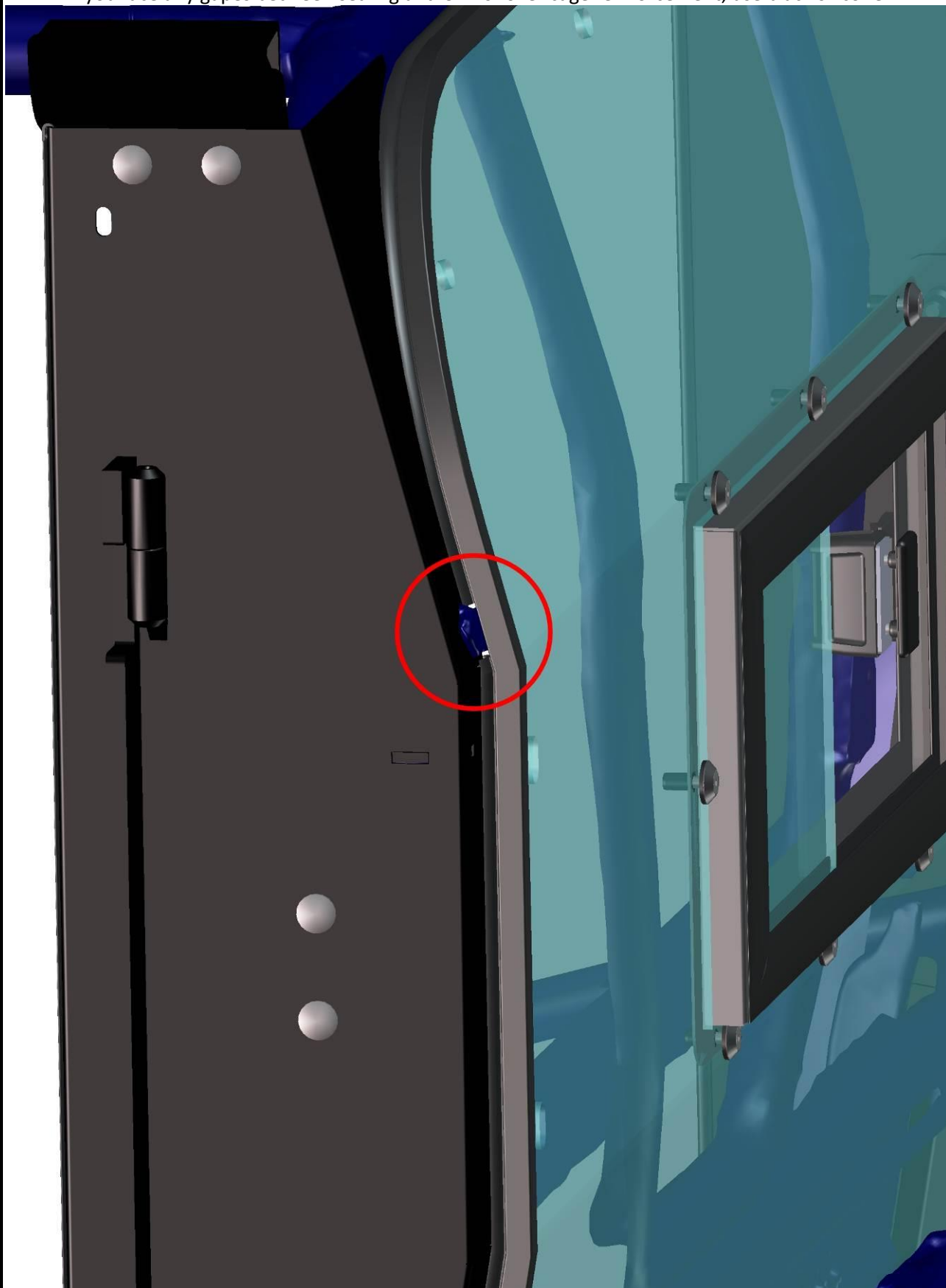
39

Take out the rear panel and cut the sealing in accordance with the mark from previous page.
Place the rear panel back to door bases.



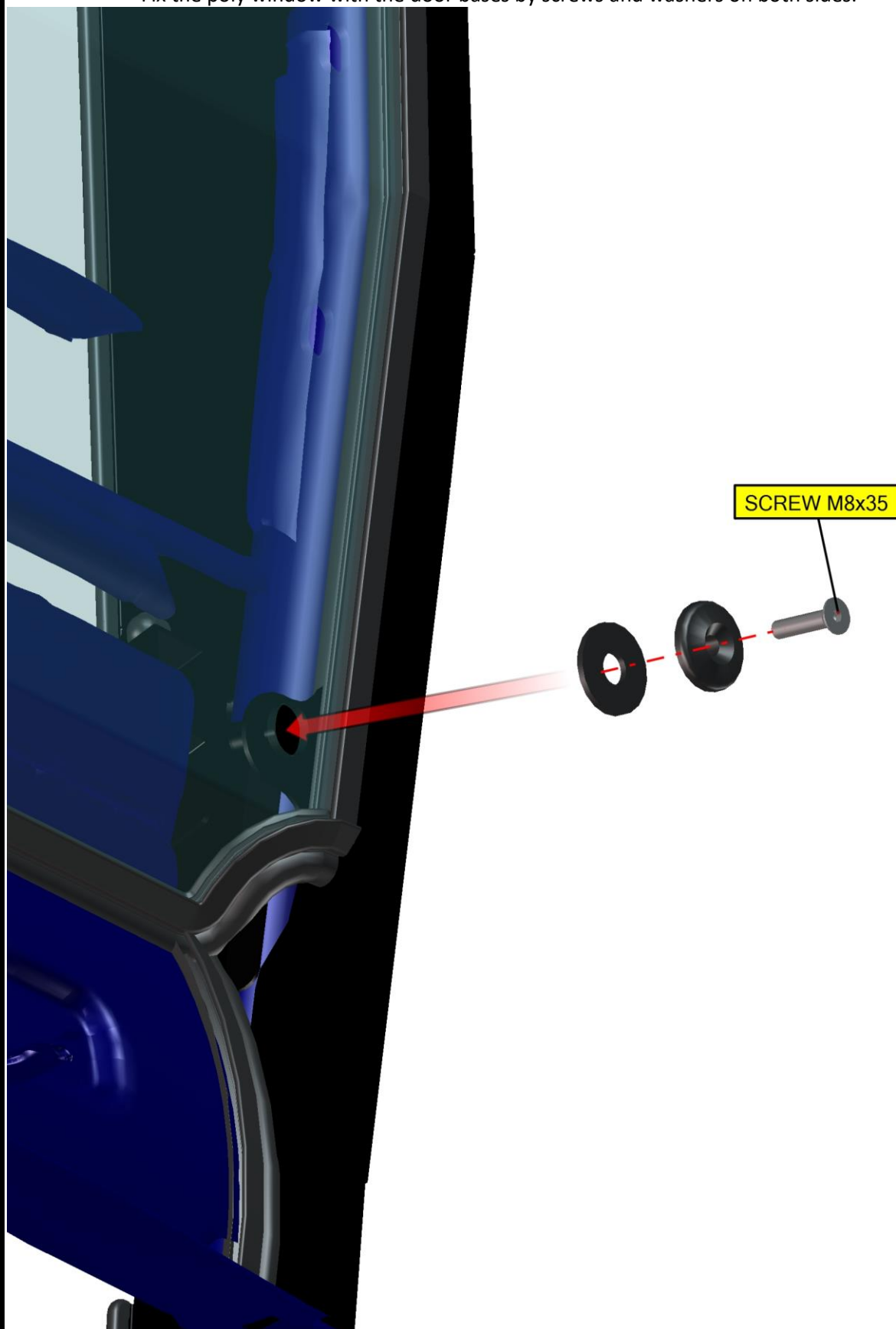
40

If you face any gapes between sealing and UTV's roller cage reinforcement, use black silicone.

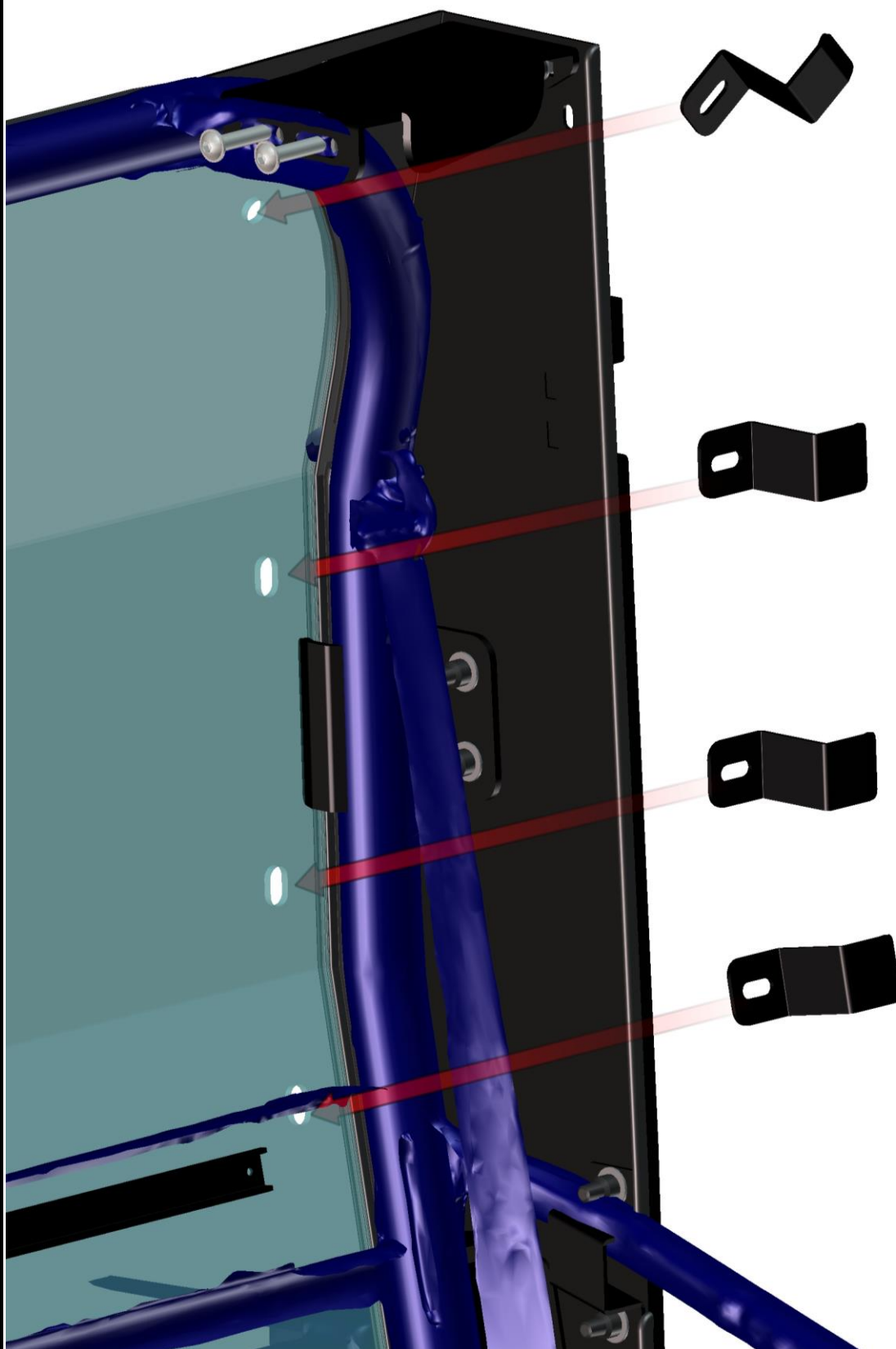


41

Fix the poly window with the door bases by screws and washers on both sides.

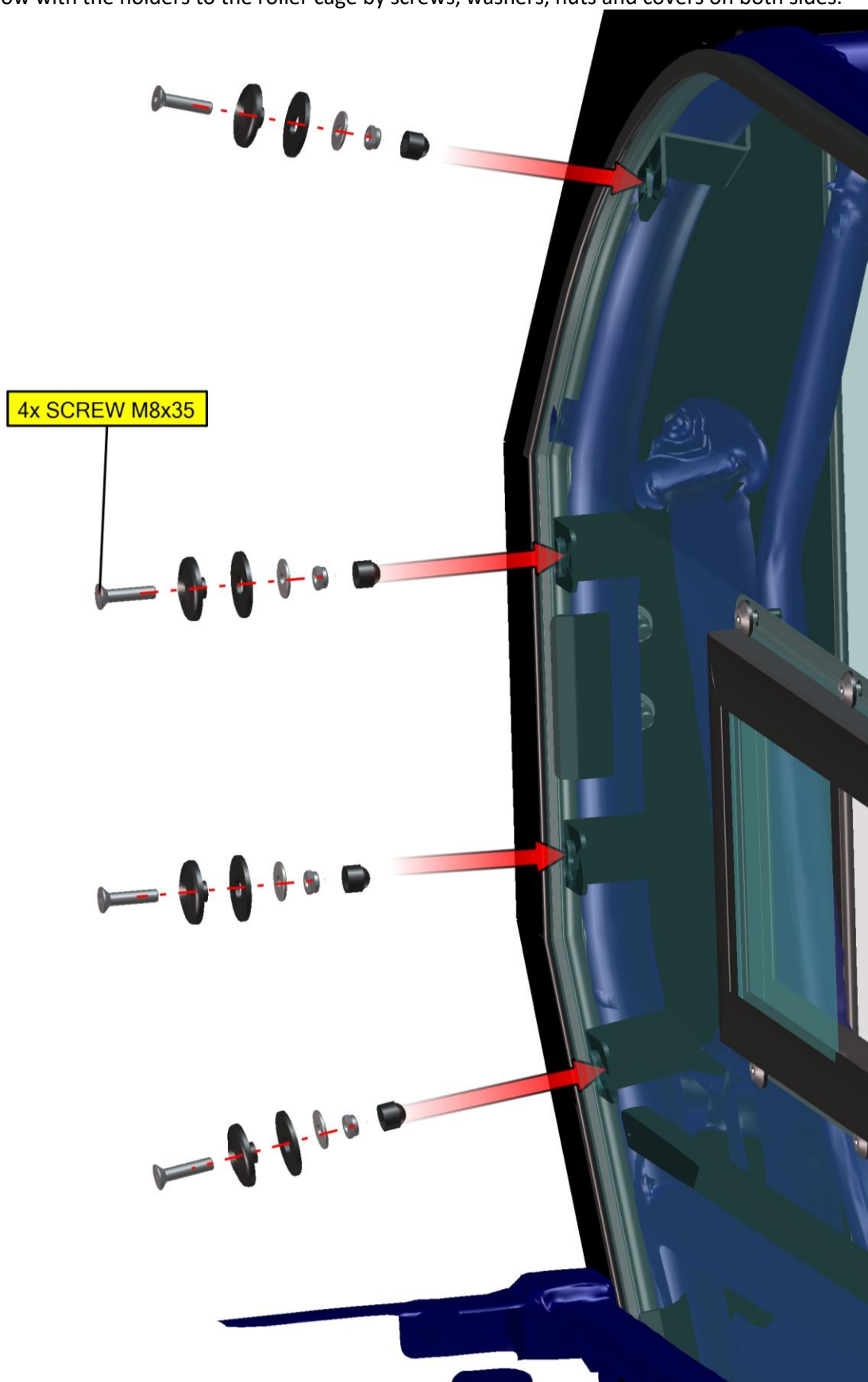


Place the rear holders onto the poly window and onto the roller cage on both sides.

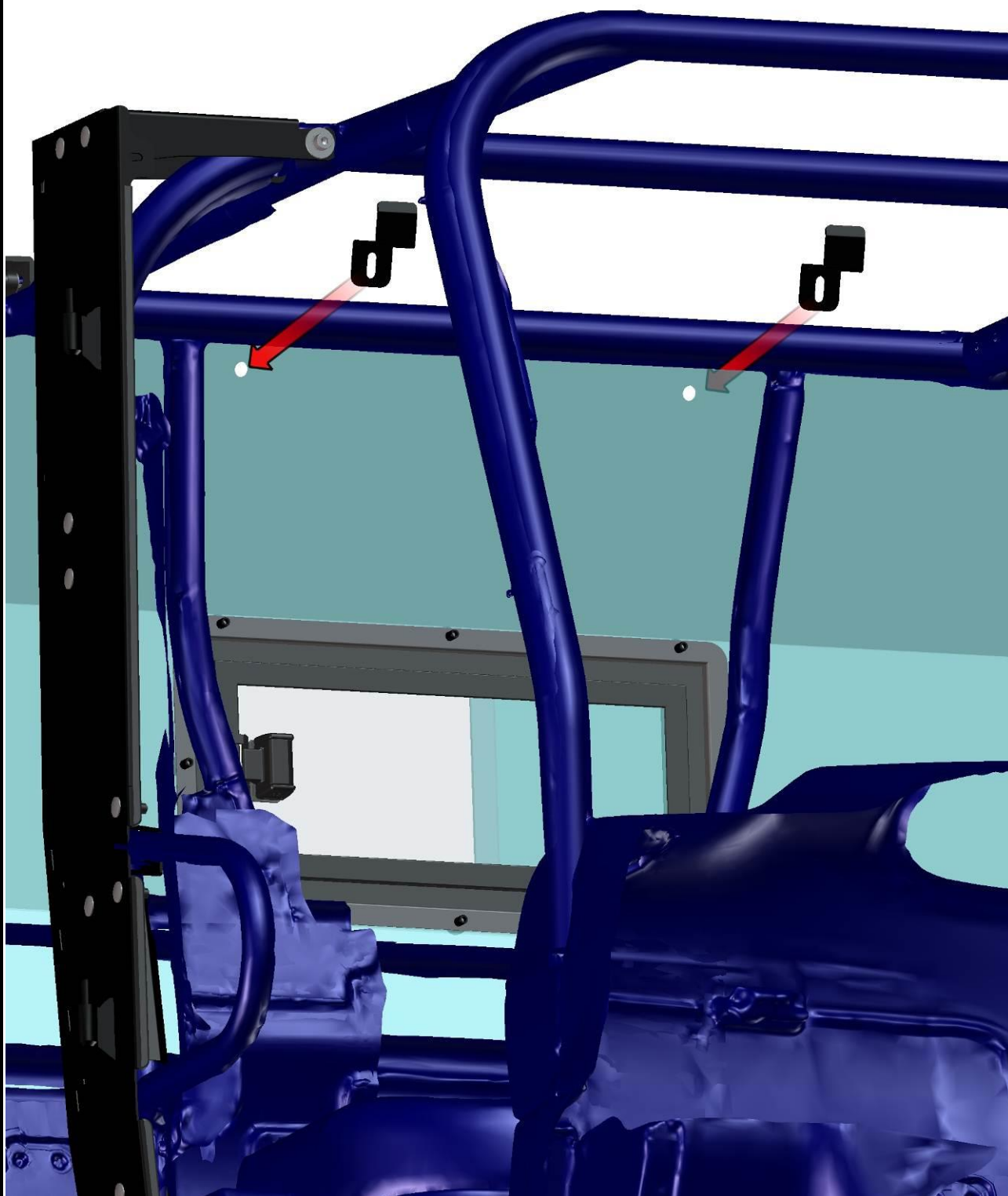


43

Fix the window with the holders to the roller cage by screws, washers, nuts and covers on both sides.

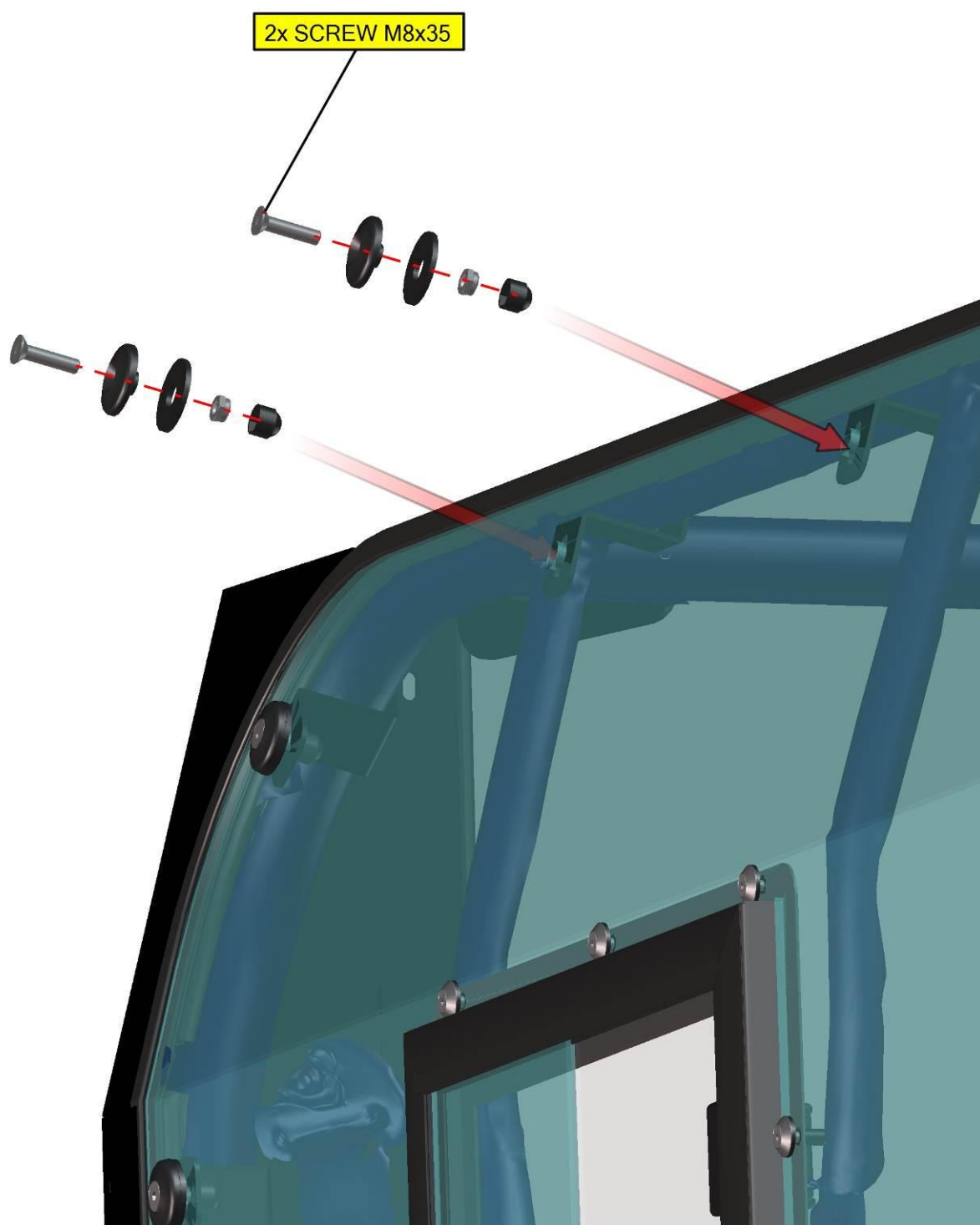


Place the holders onto the poly window and onto the roller cage.



45

Fix the holders with the window to the roller cage by screws, washers, nuts and covers.



46

Adjust the rear panel to best position and tighten screws and nuts correctly.



47

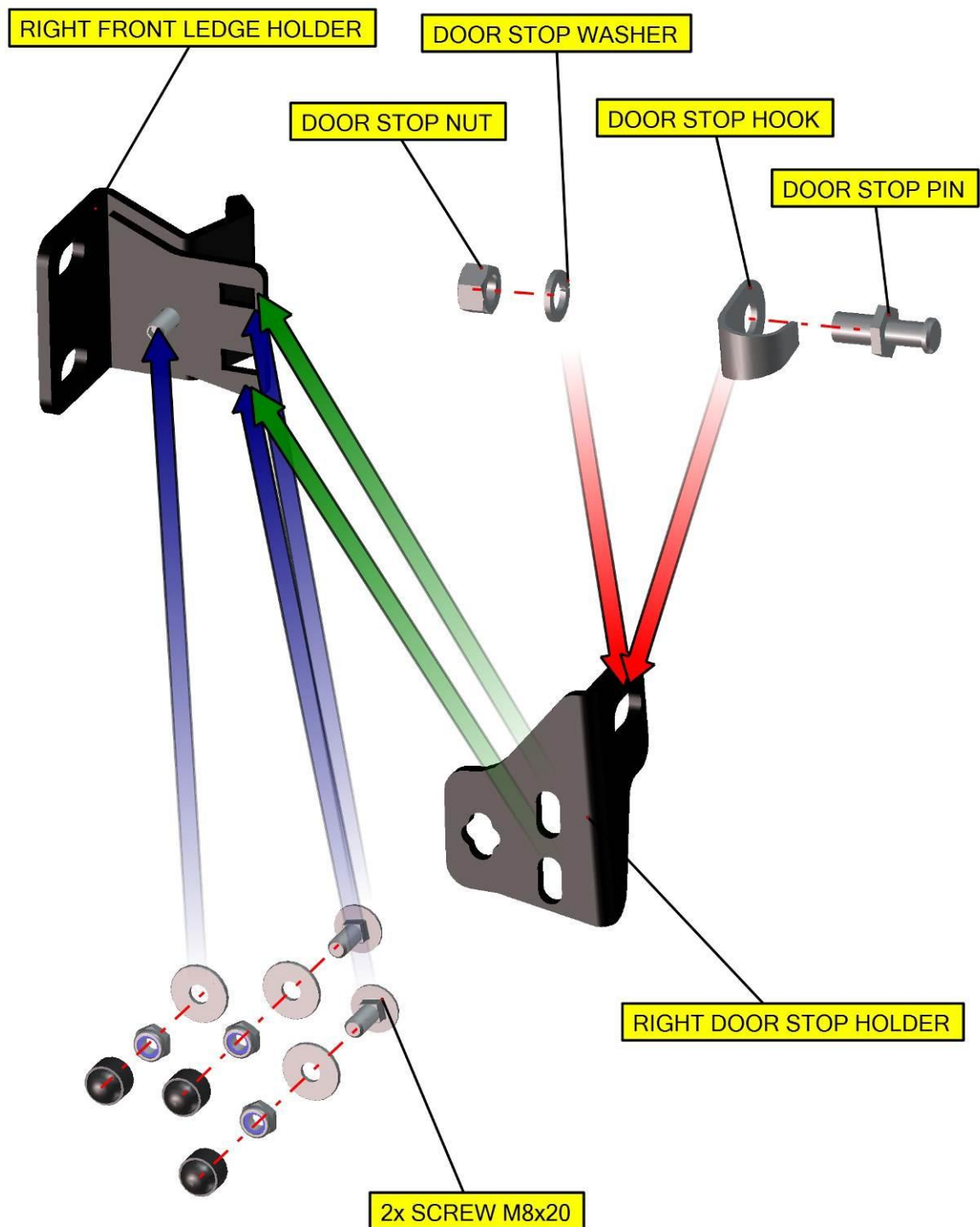
FRONT PANEL

Install the door stop assembly (pin, hook, washer and nut) into the correct door stop holder (left or right). Place the door stop holder with the door stop assembly onto the correct front ledge holder (left or right).

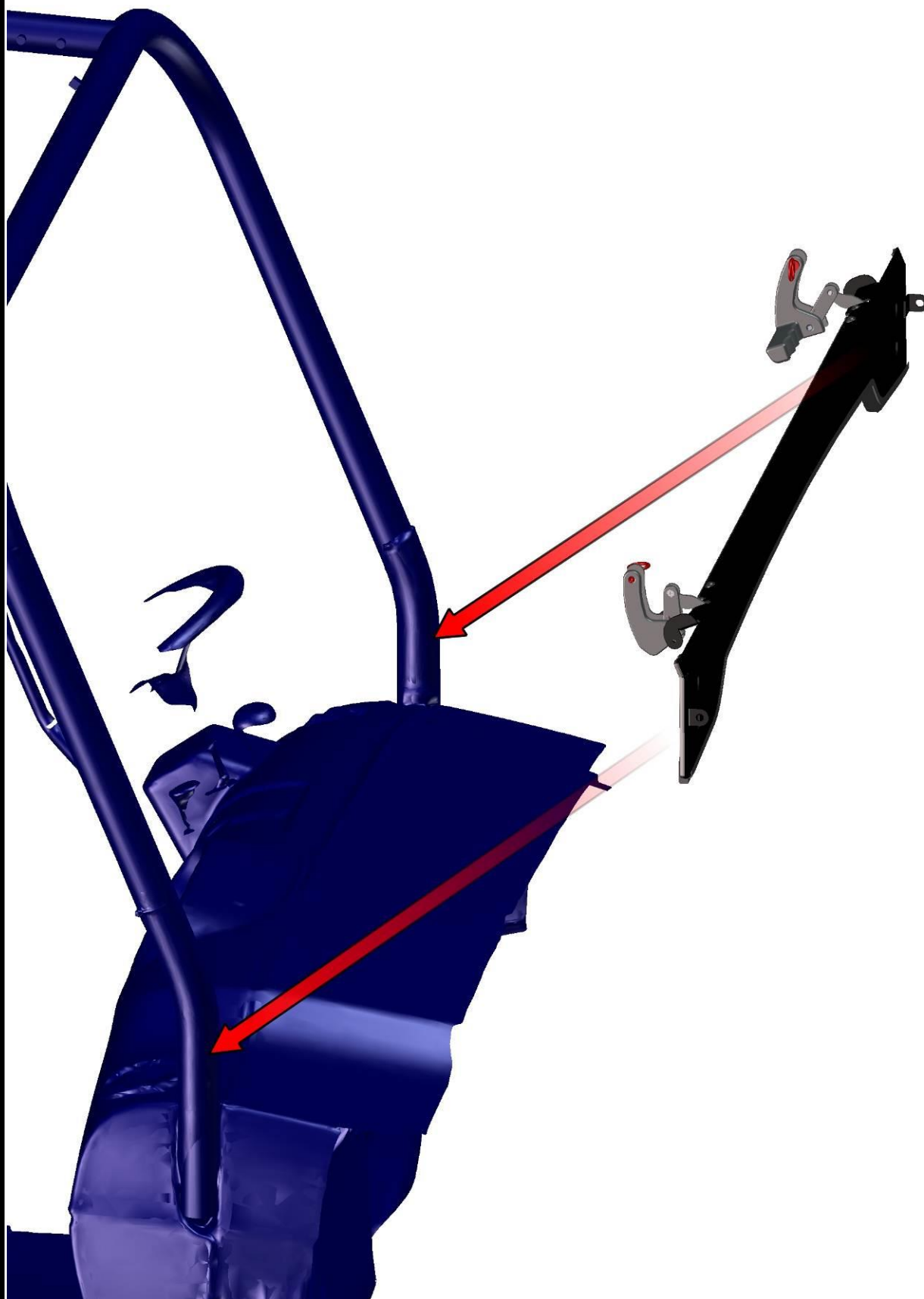
Fix the door stop holder with the front ledge holder by screws, washers, nuts and covers.

Use the right door stop holder and right front ledge holder (on picture) on right side of the roller cage.

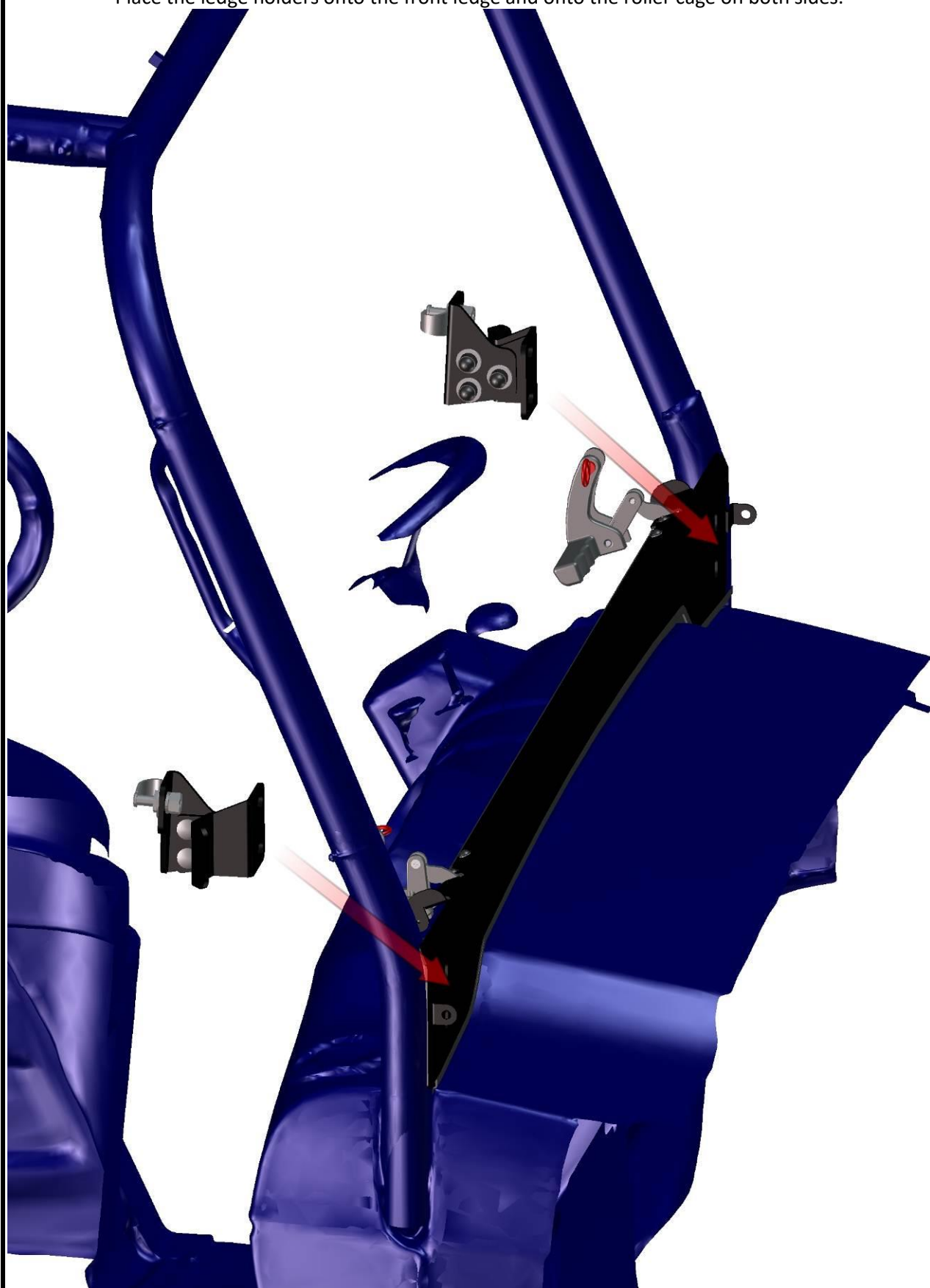
YOU CAN'T MAKE MISTAKE BETWEEN LEFT AND RIGHT PARTS, IF YOU MAKE MISTAKE, YOU ARE GOING TO HAVE BIG PROBLEM WITH DOOR STOP ADJUSTING!



Place the front upper ledge onto the roller cage and press the ledge to the dashboard.

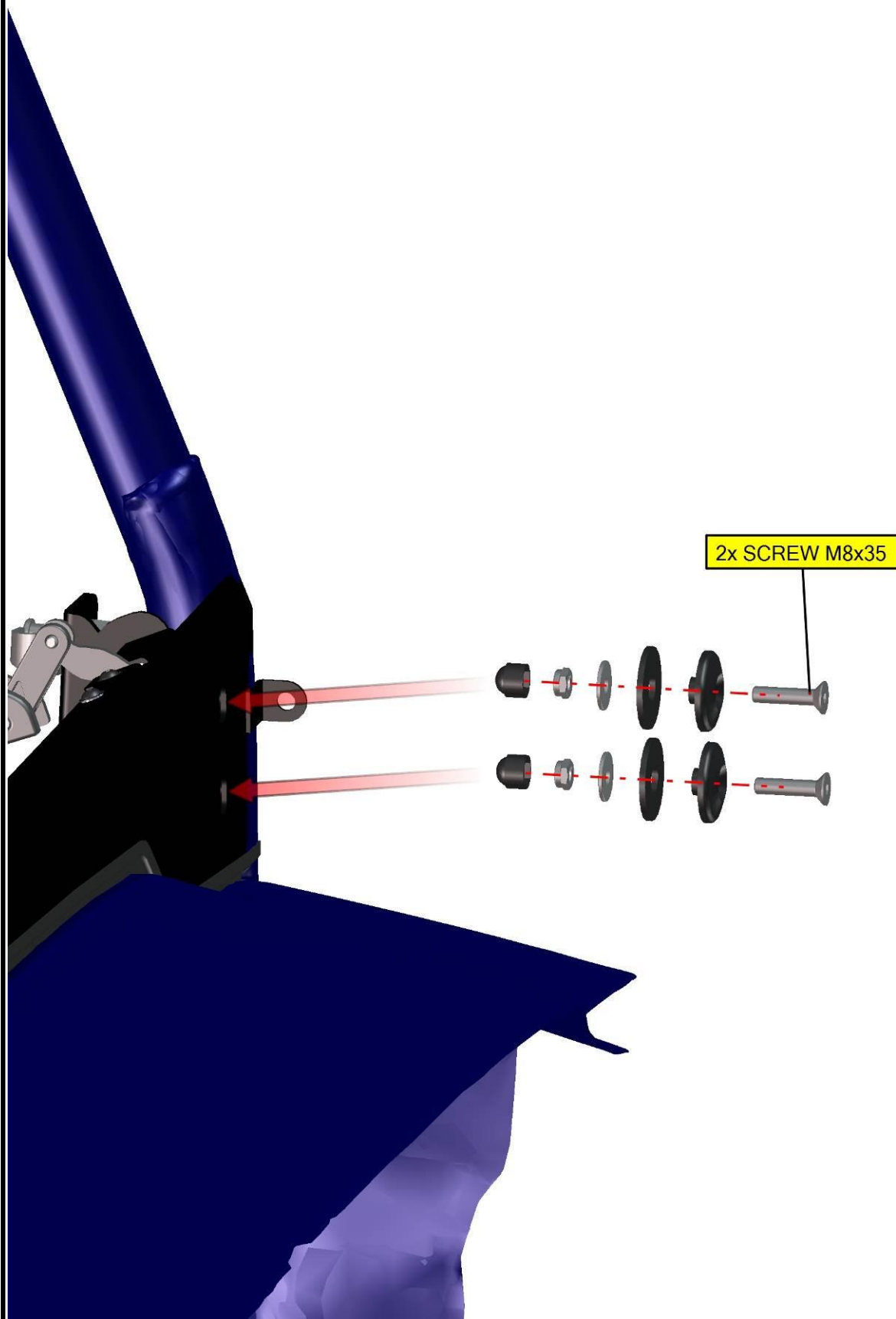


Place the ledge holders onto the front ledge and onto the roller cage on both sides.

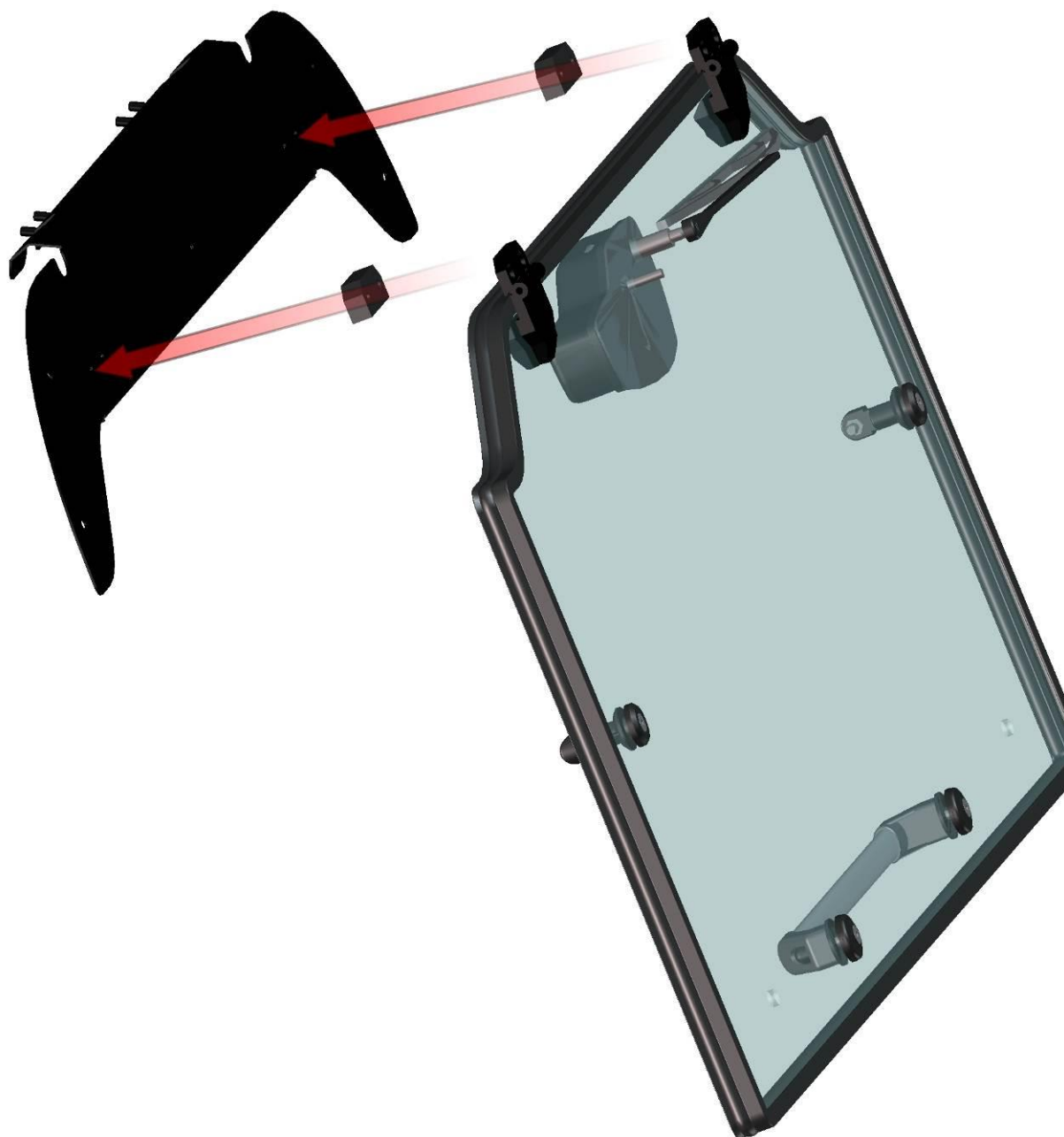


50

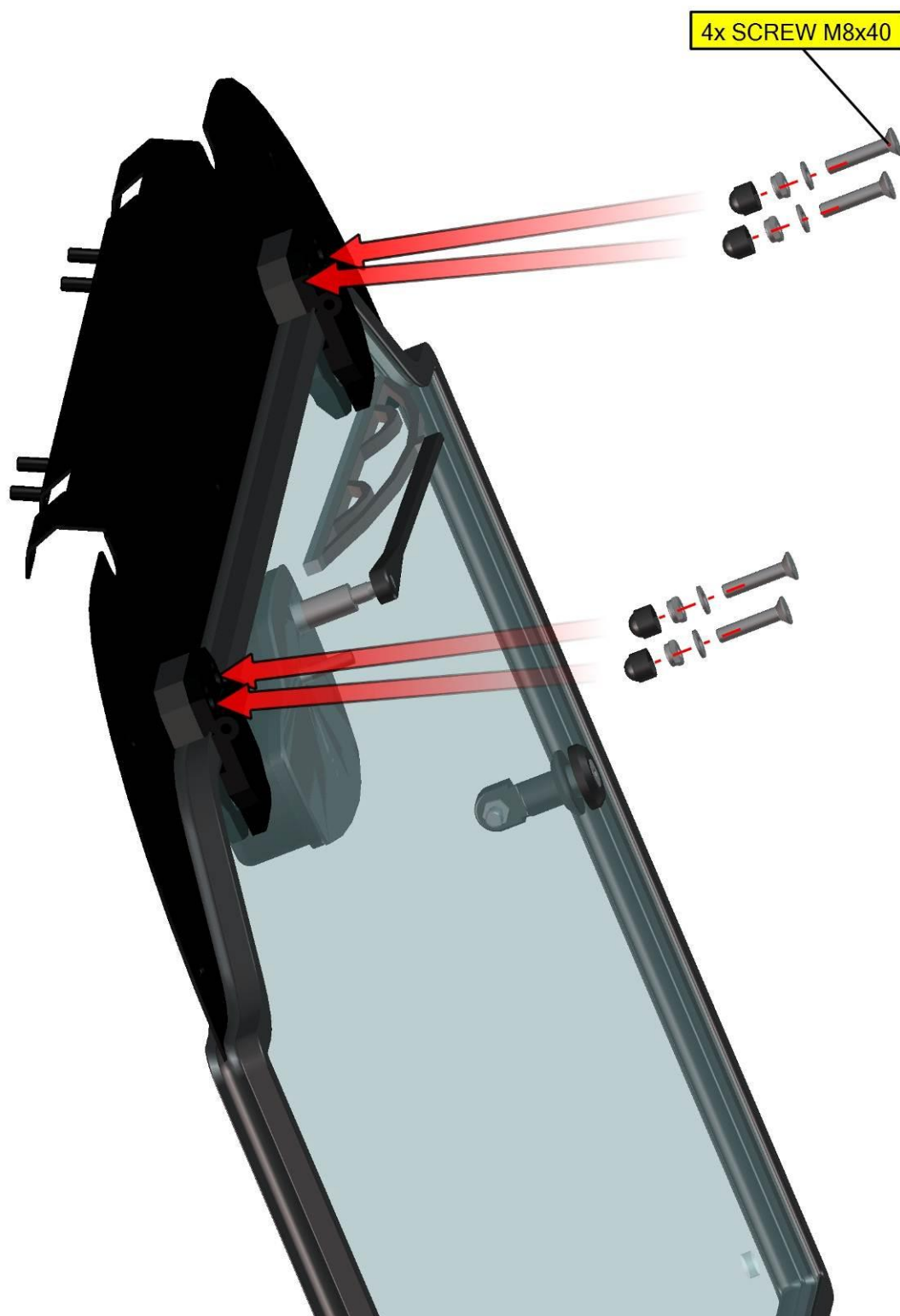
Fix the holders with the ledge to the roller cage by screws, washers, nuts and covers on both sides.



Place the front window assembly with the hinge's bases onto the front upper ledge .



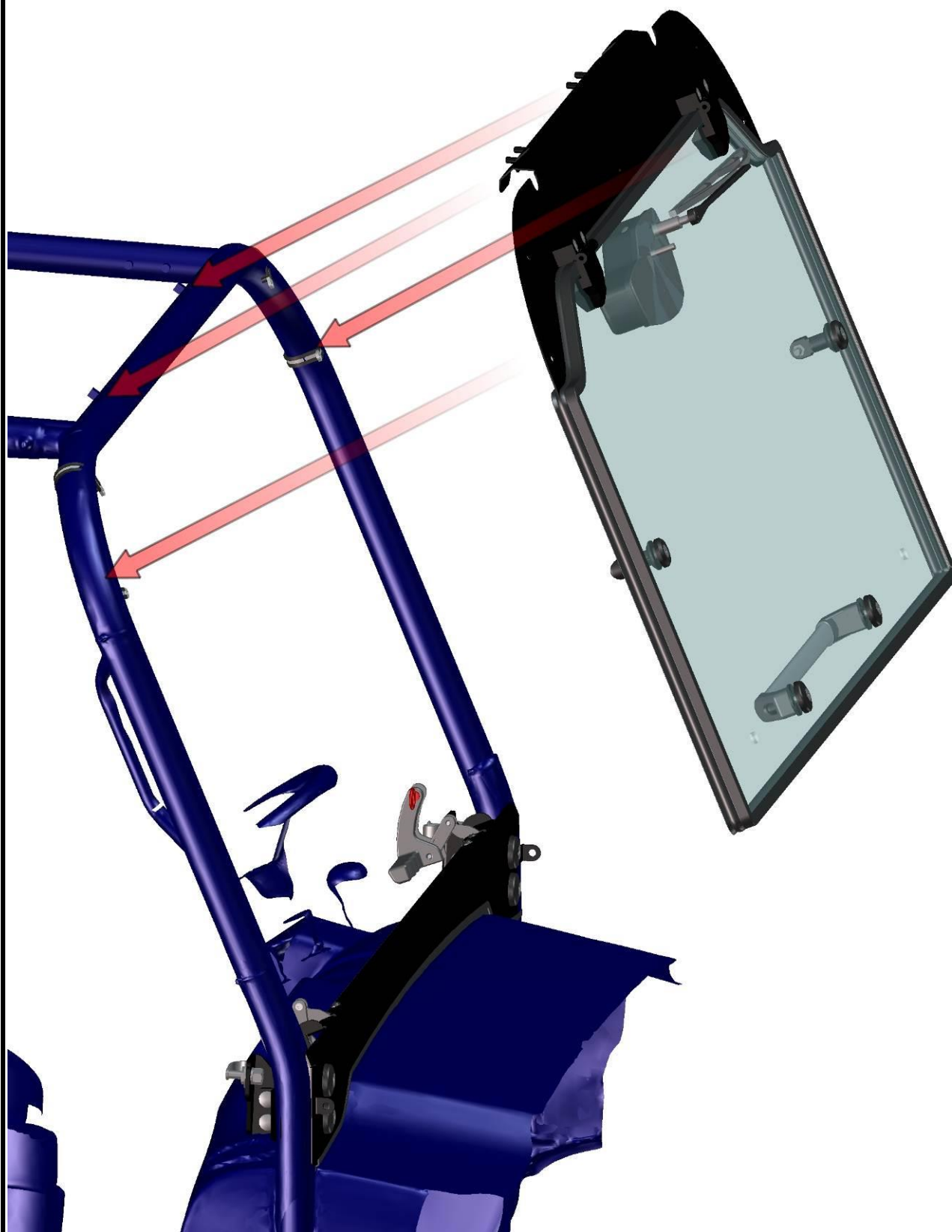
Fix the hinges with the bases to the front ledge by screws, washers, nuts and covers.



Install the straps onto the roller cage .

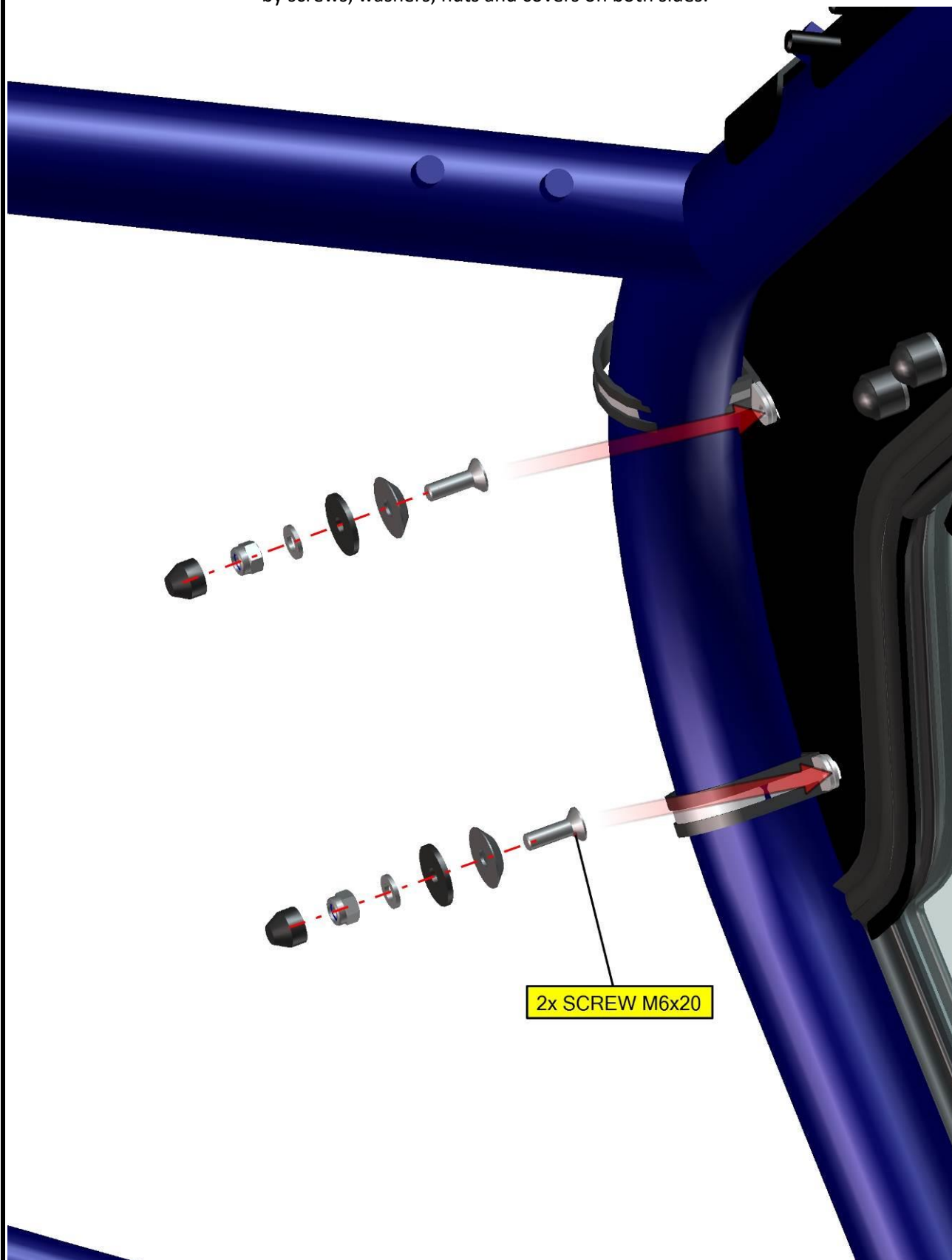


Place the front assembly onto the roller cage.



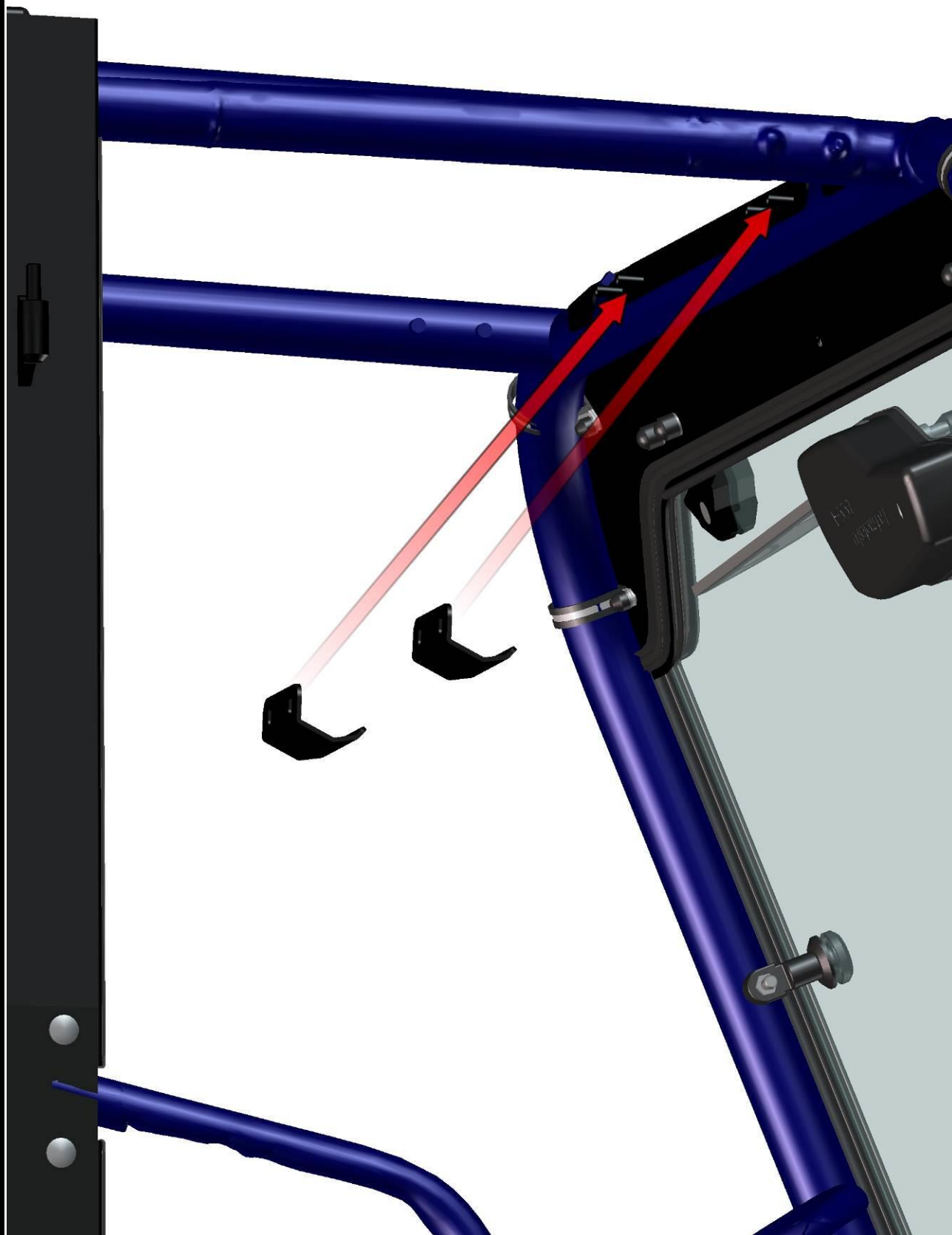
55

Fix the front upper ledge with the straps to the roller cage by screws, washers, nuts and covers on both sides.



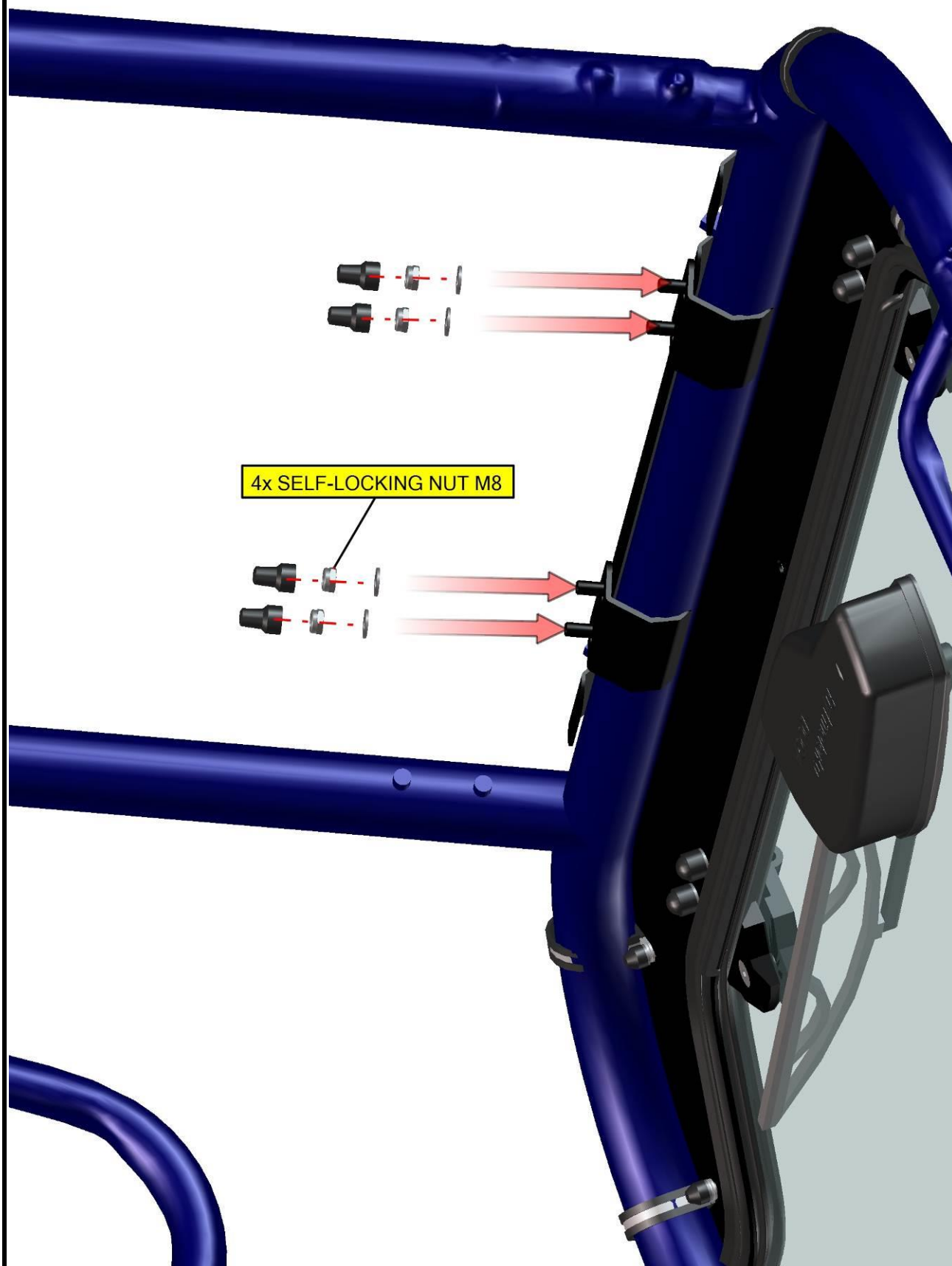
56

Place the front upper ledge holders onto the upper ledge and onto the roller cage.



57

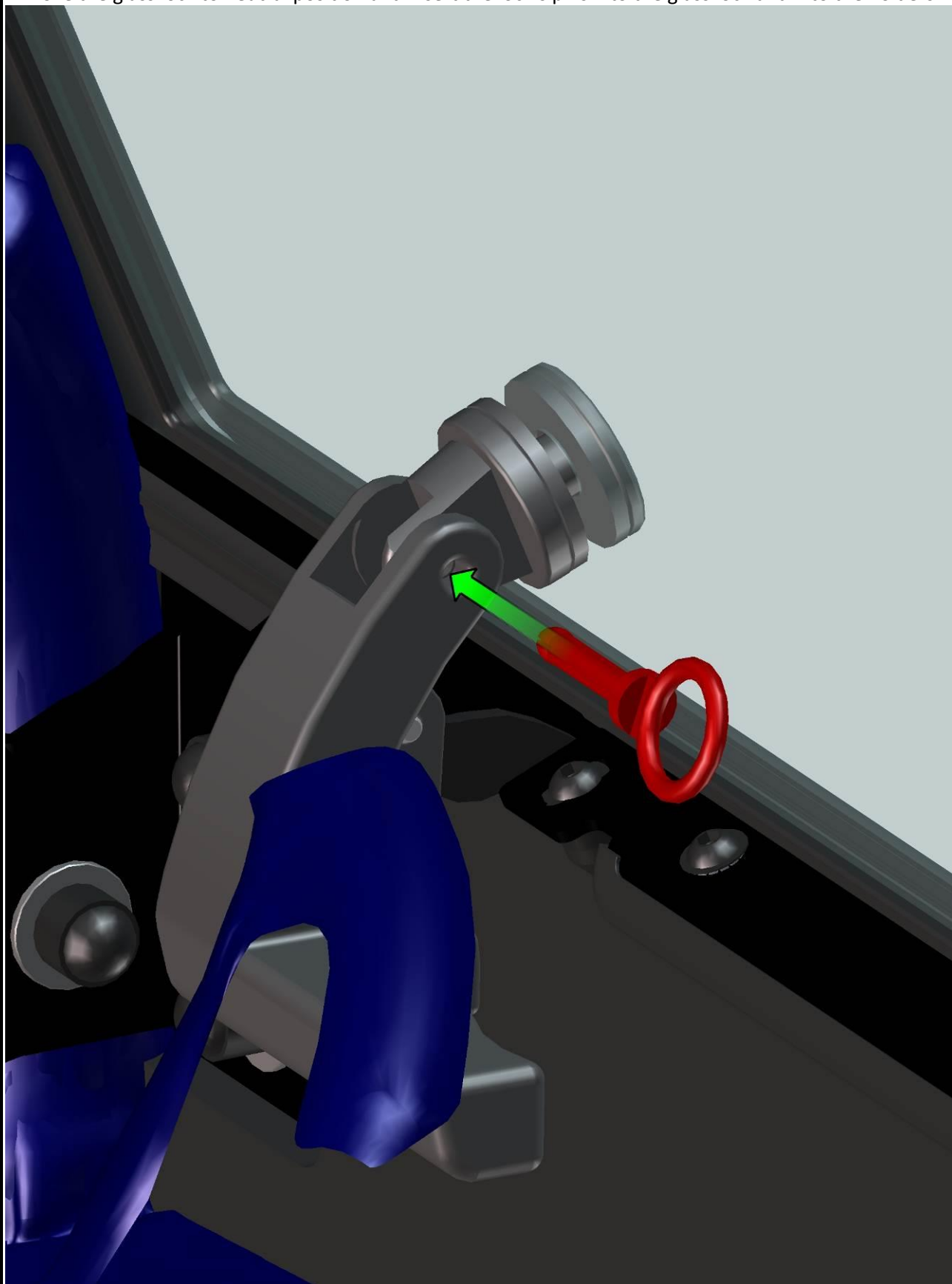
Fix the holders with the ledge to the roller cage by nuts, washers and covers.



Adjust the front upper assembly to best position and tighten screws and nuts correctly.

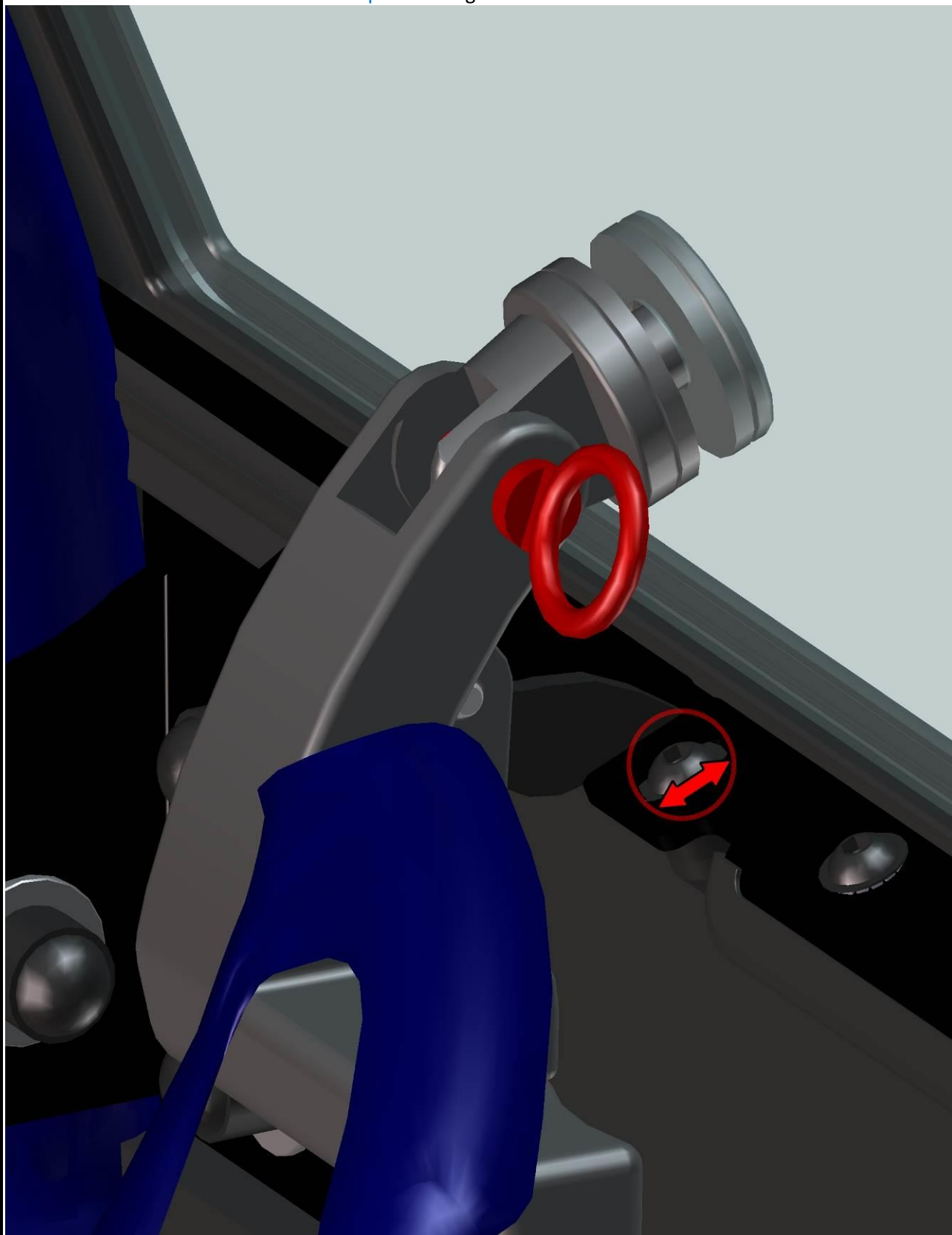


Move the glass lock to neutral position and insert the lock's pins into the glass lock and into the holders.



60

Loosen the glass lock metal holder's screws andc adjust the holders to best position on both sides.
If you have some gapes between the front glass sealing and roller cage or bottom ledge adjust the glass
lock holders to better position. Tighten holder's screws and nuts hard.



You can tie the glass lock pins with the front ledge by included cables on both sides.



View to mounted tie.

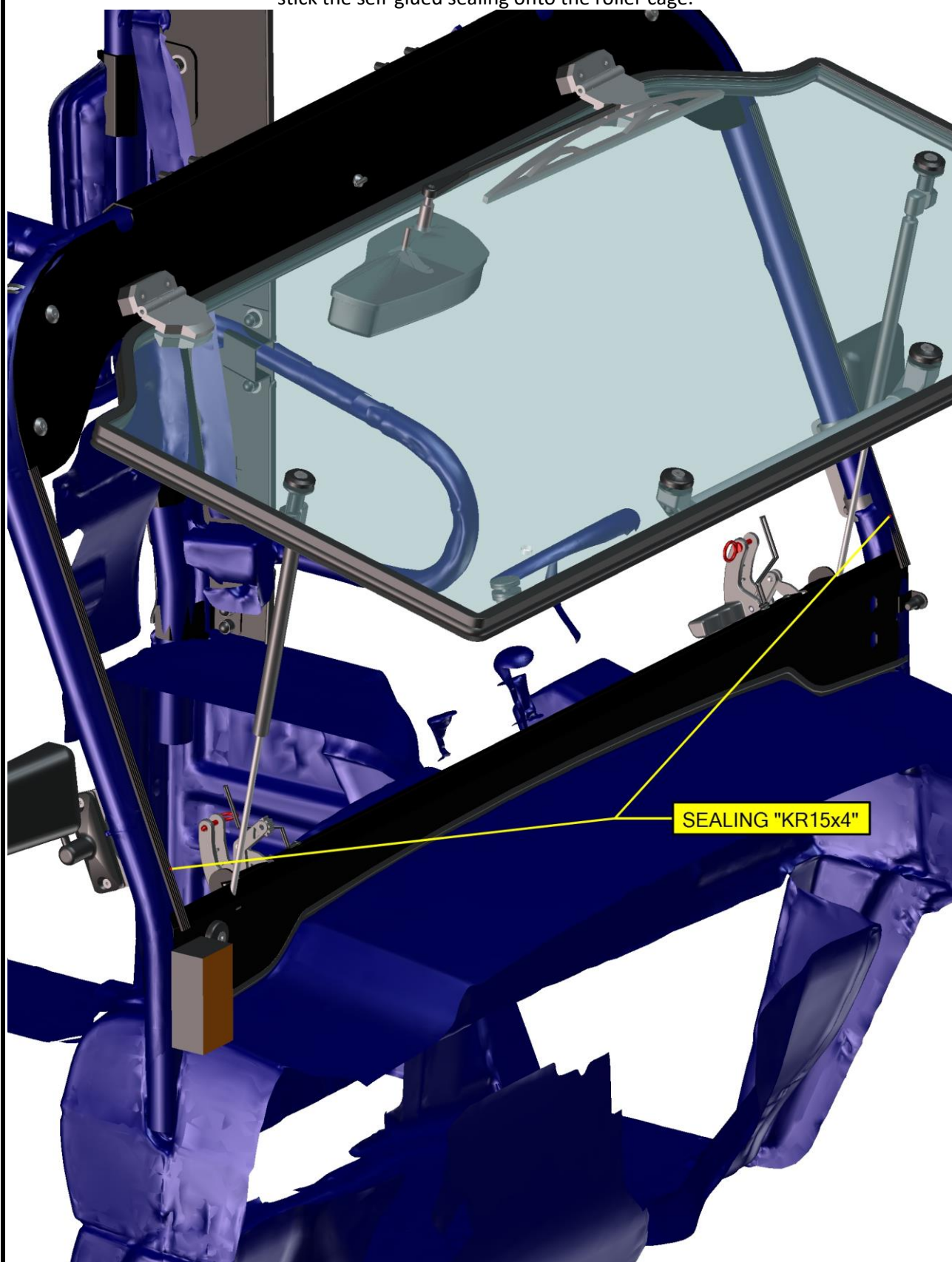


Install the gas springs onto the gas spring holders.
It's necessary to install the gas springs in same position like on picture.



63

If you face any gapes between front window seal and the roller cage, stick the self-glued sealing onto the roller cage.

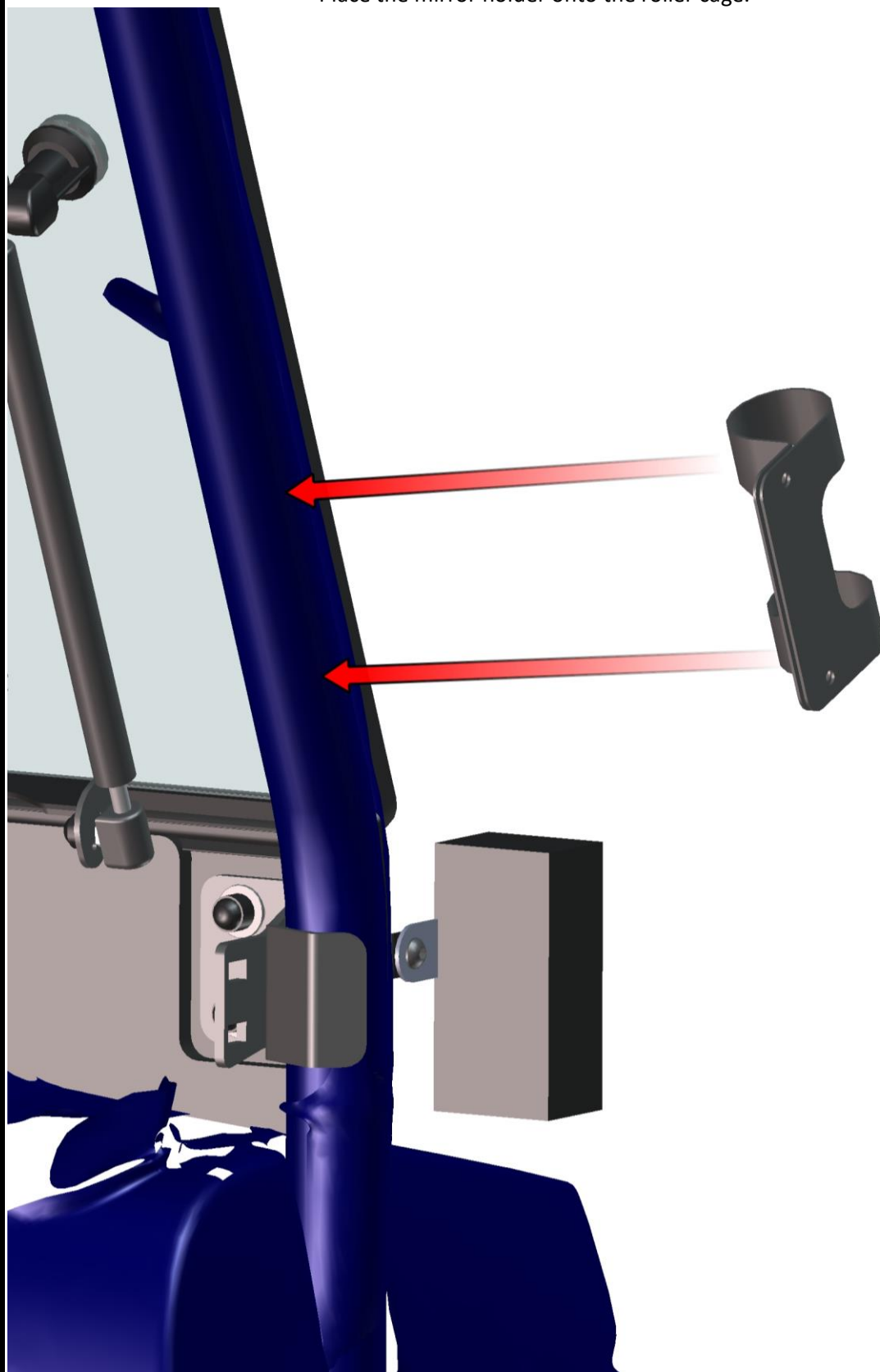


64

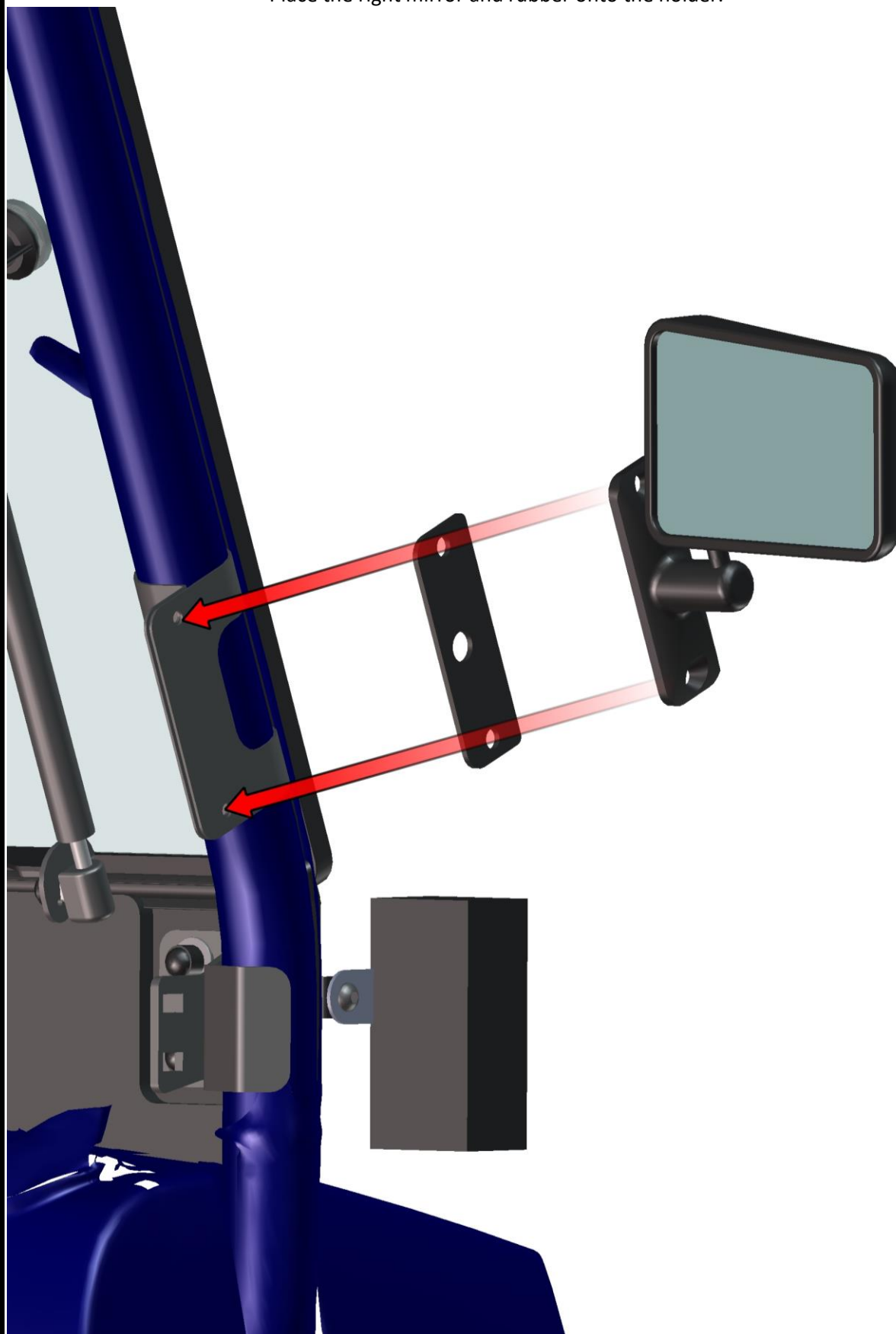
If you didn't buy door, you can install rear mirrors onto the UTV's roller cage.

If you have doors, skip next pages.

Place the mirror holder onto the roller cage.

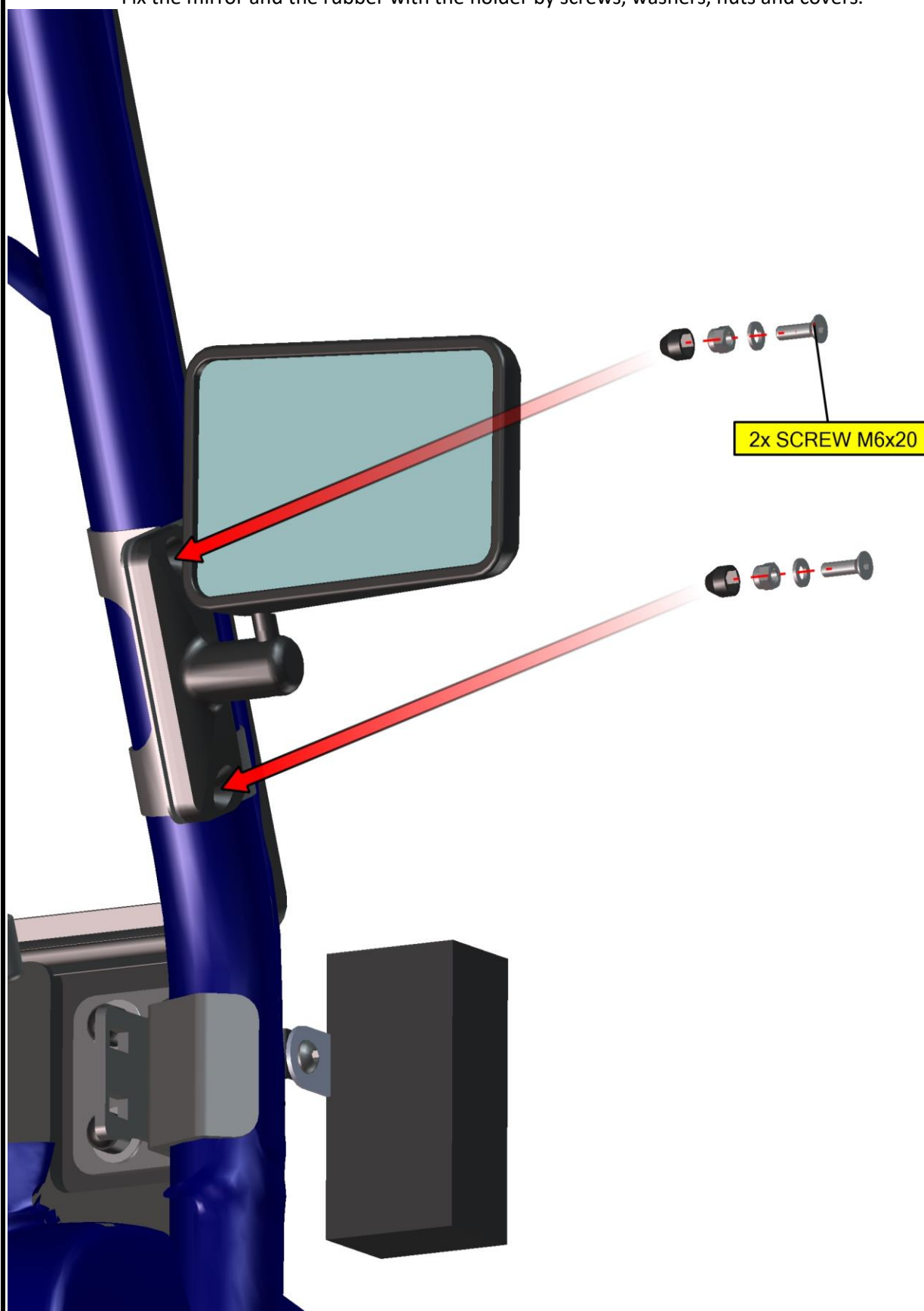


Place the right mirror and rubber onto the holder.



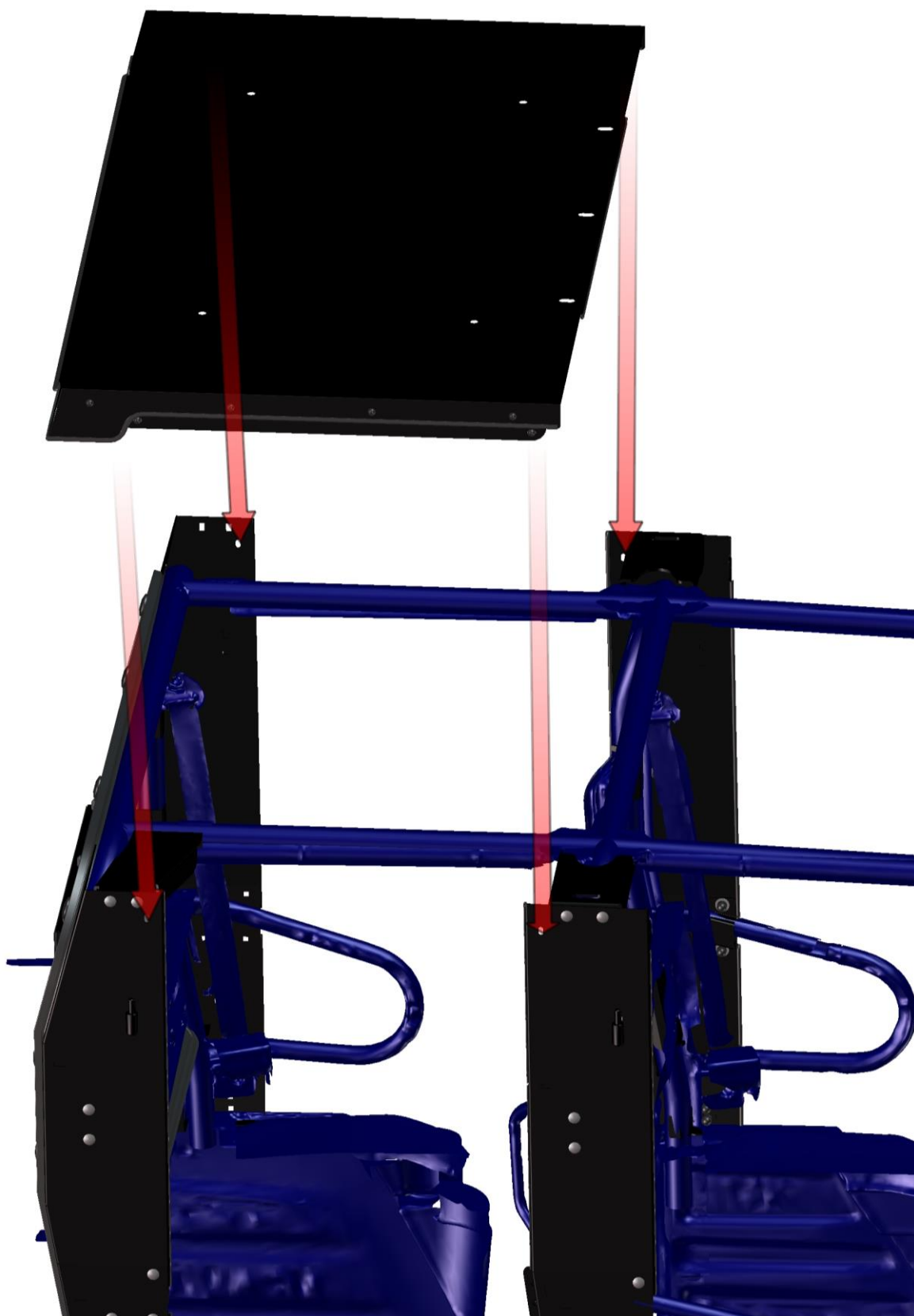
66

Fix the mirror and the rubber with the holder by screws, washers, nuts and covers.



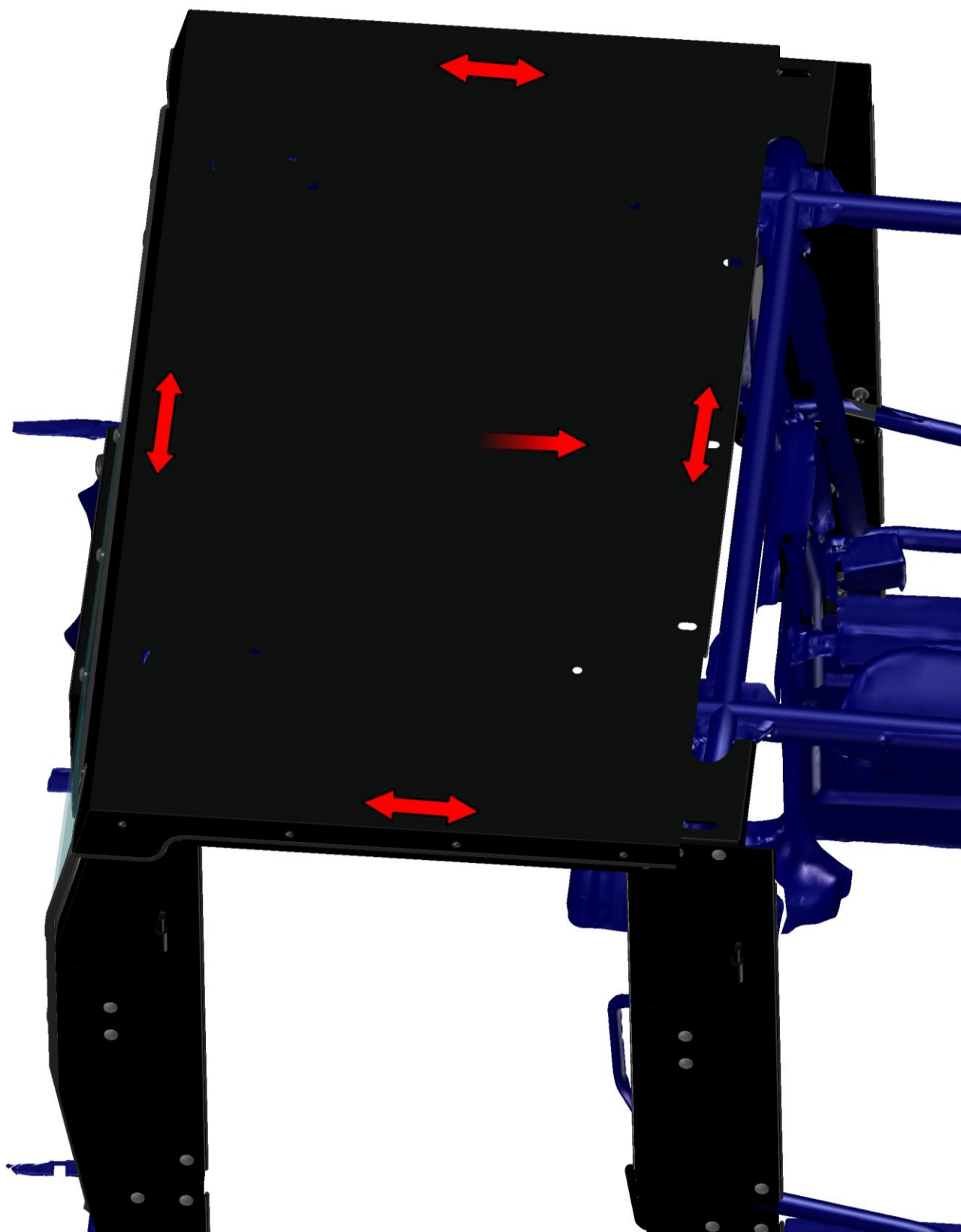
ROOF

Place the rear roof onto the door bases and onto the roller cage.



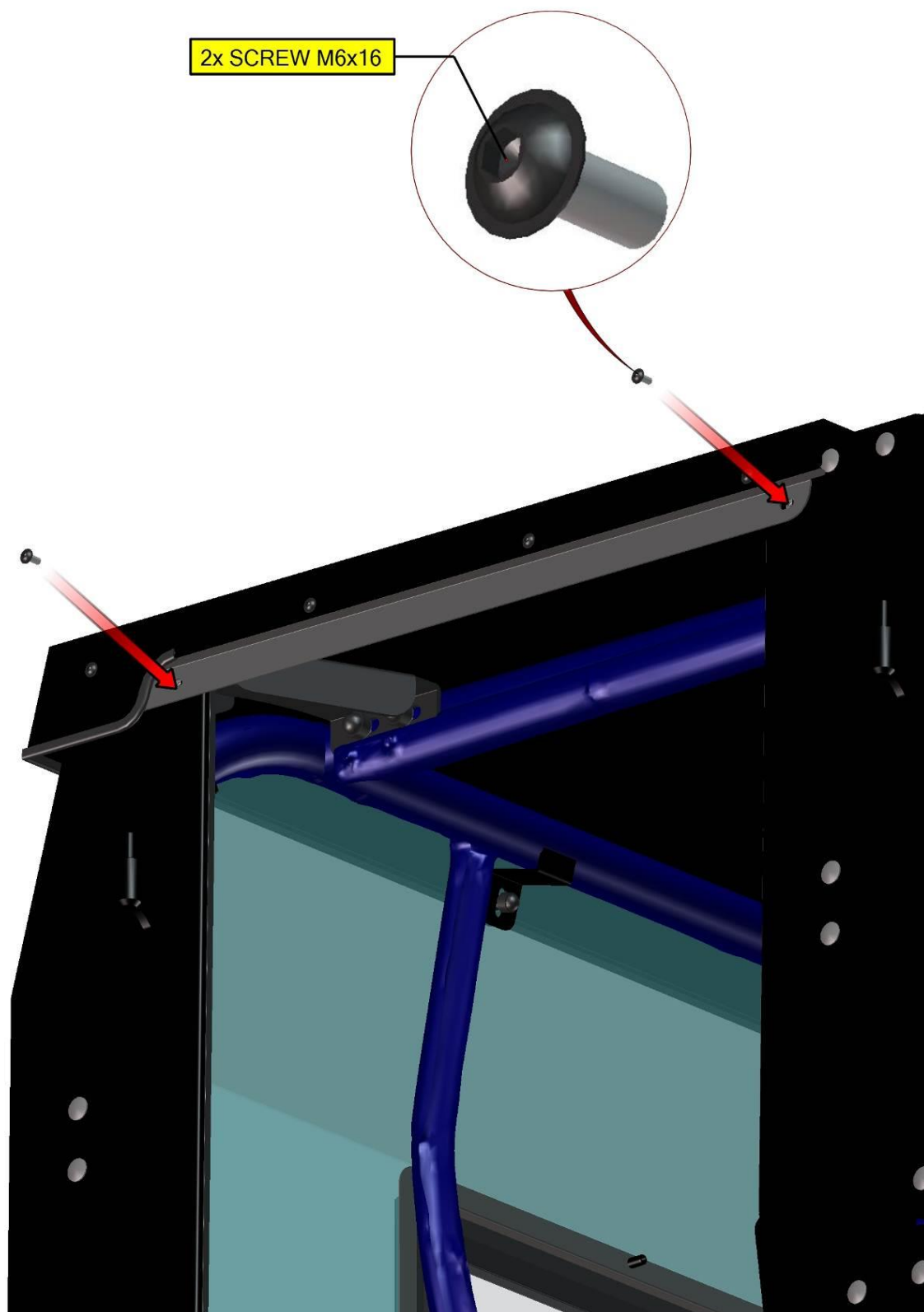
68

Adjust the rear roof to best position carefully.



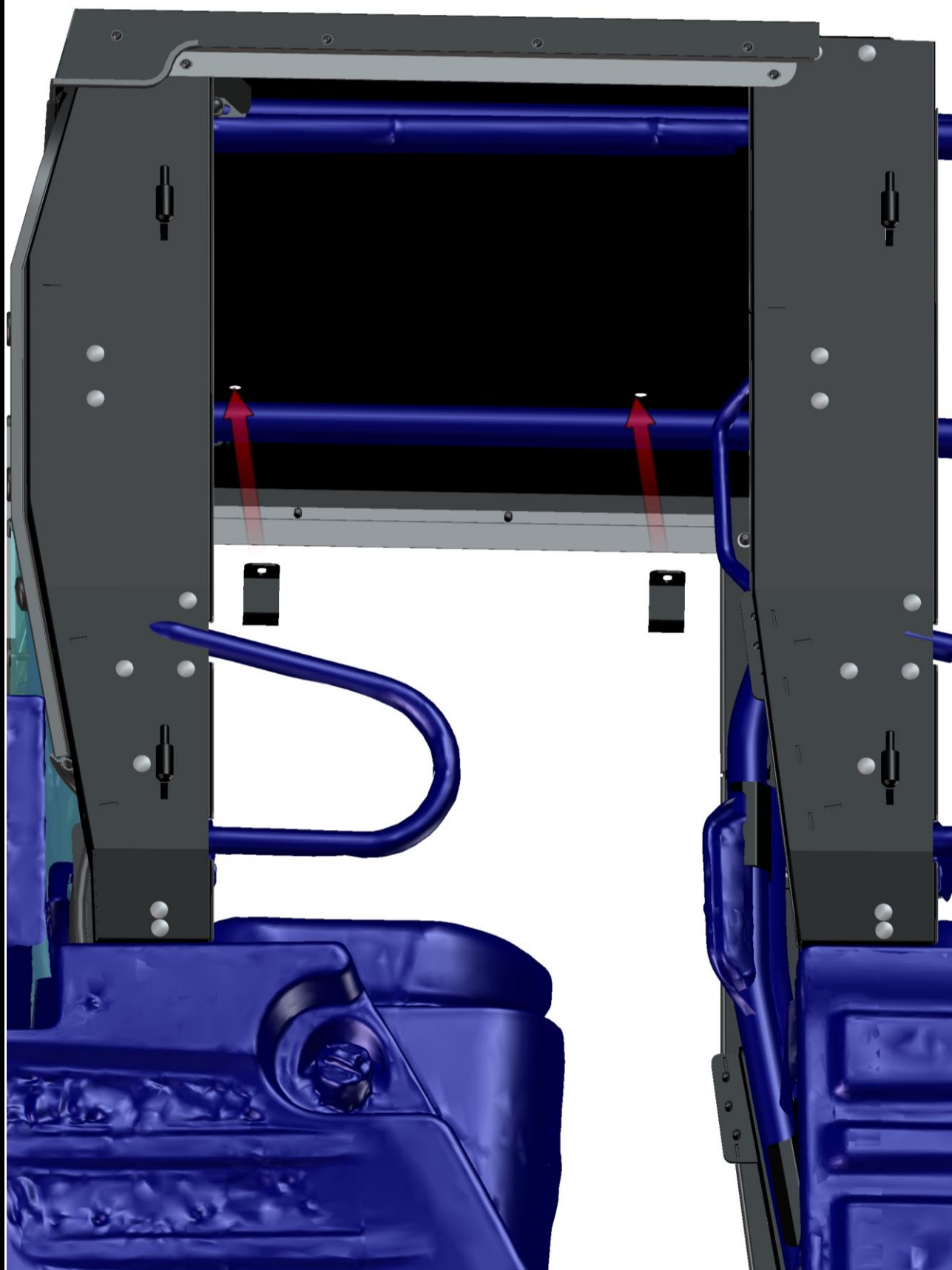
69

Fix the rear roof with the door bases by screws on both sides..



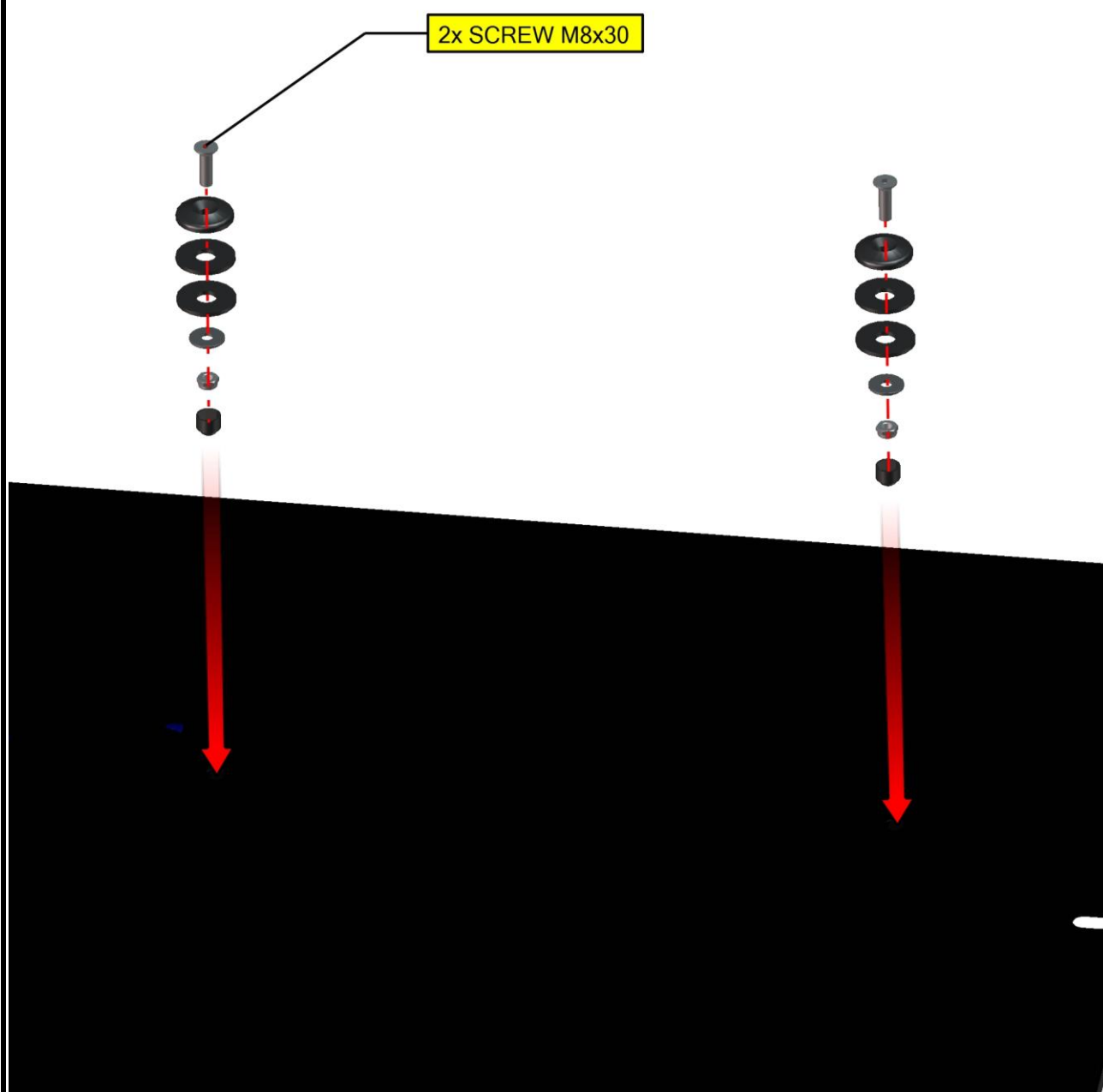
70

Place the roof holders onto the rear roof and onto the roller cage on both sides.

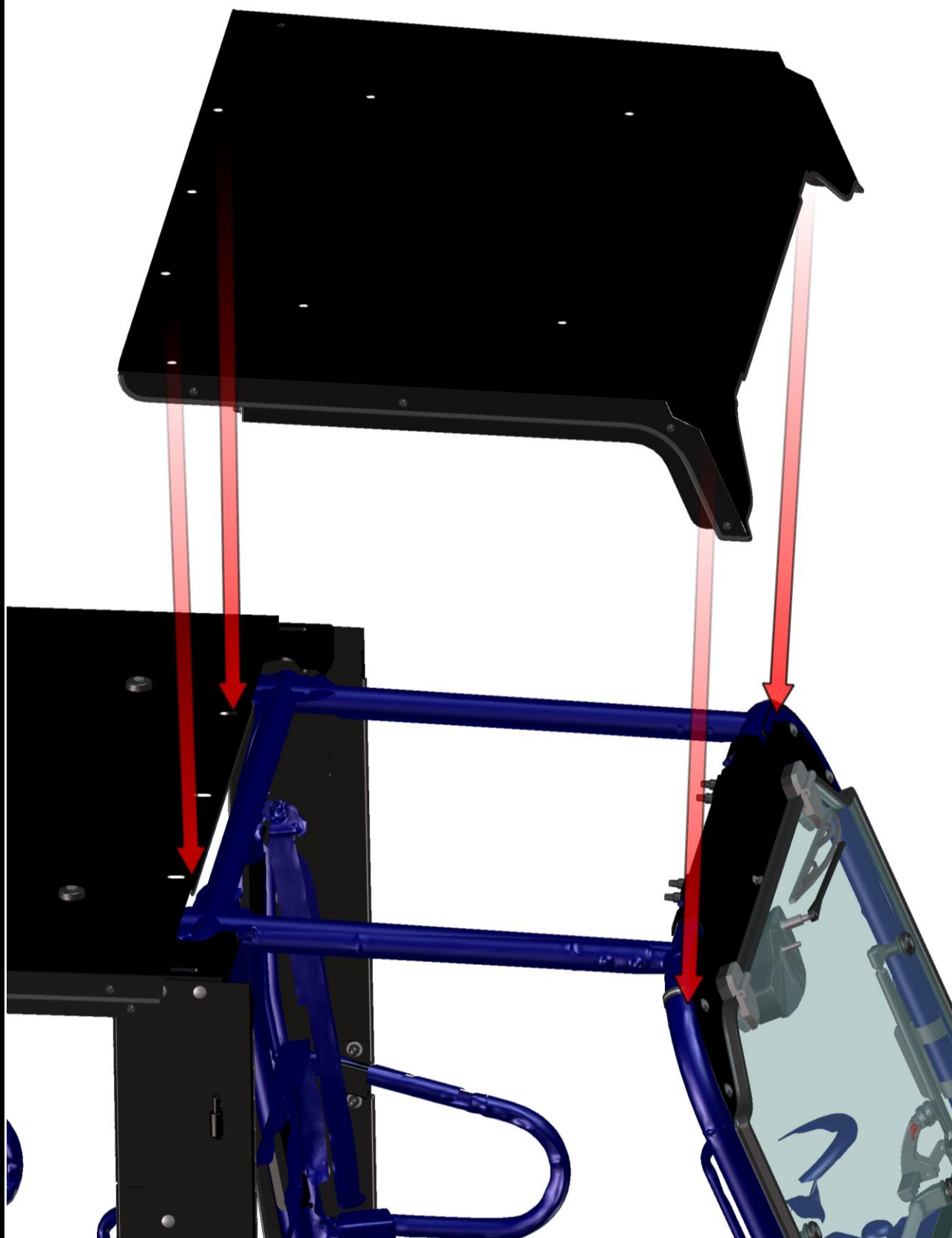


71

Fix the roof with the holders to the roller cage by screws, washers, nuts and covers on both sides.

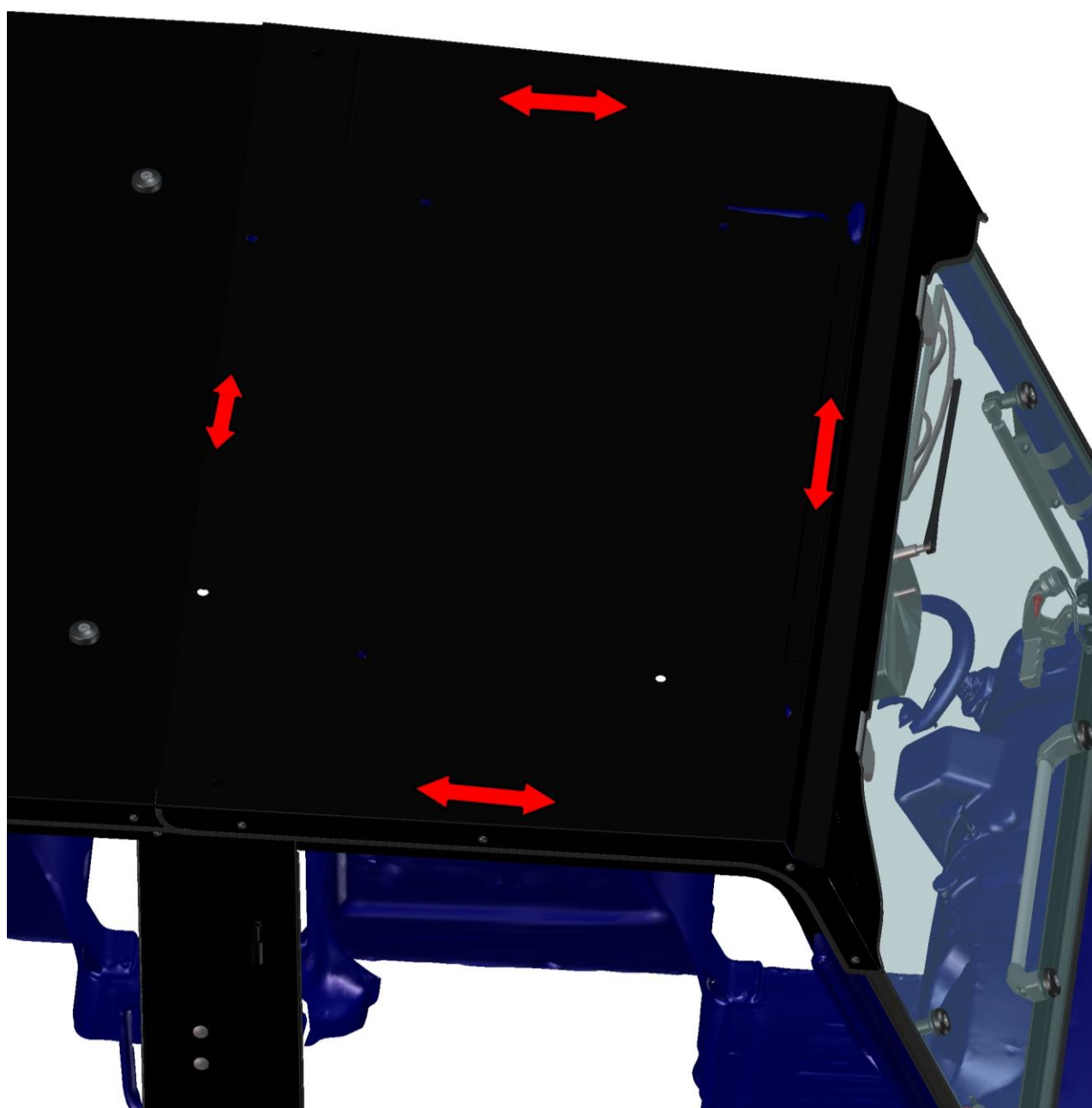


Place the front roof onto the rear roof and onto the front upper ledge.



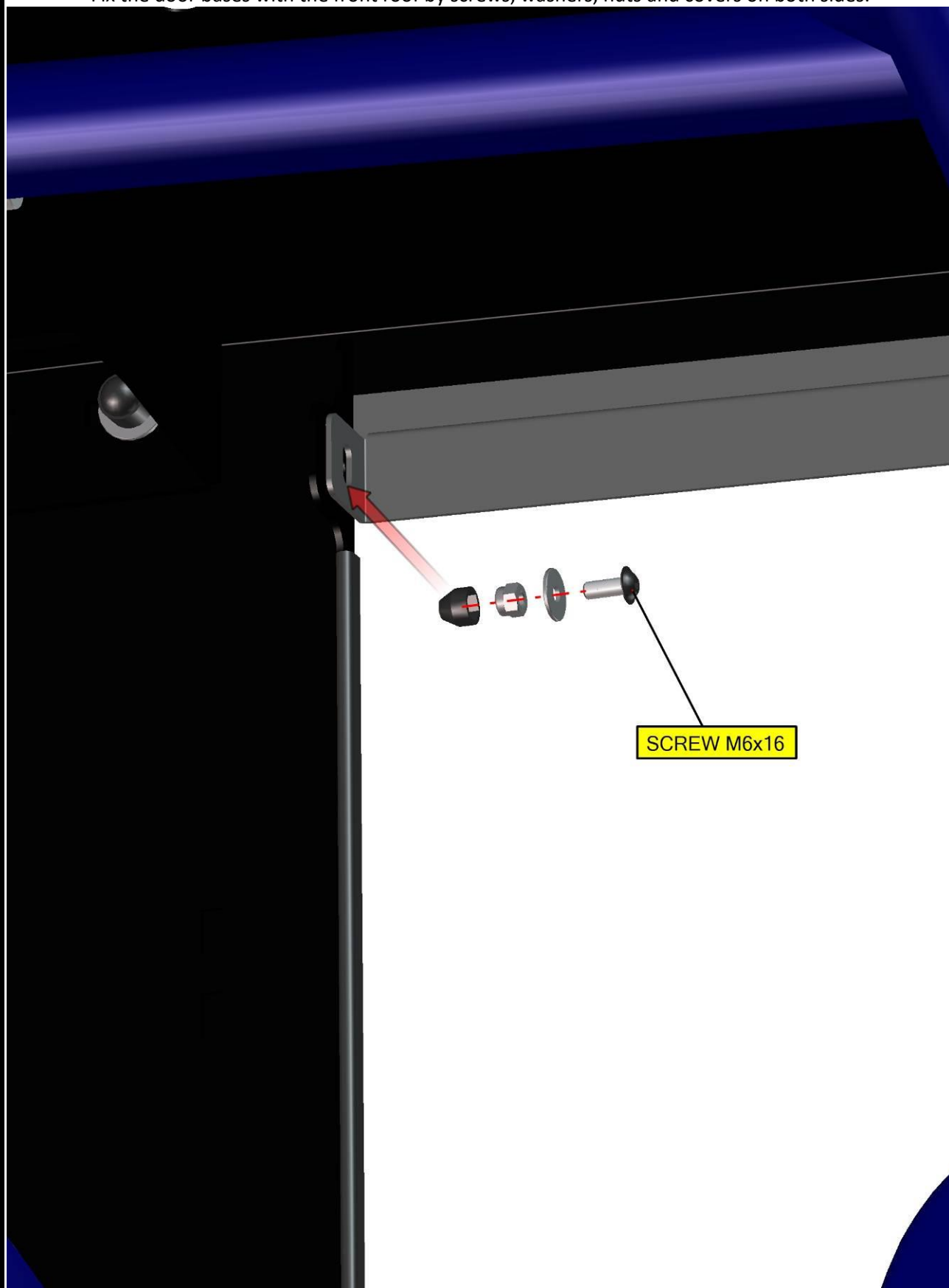
73

Adjust the front roof to best position carefully.



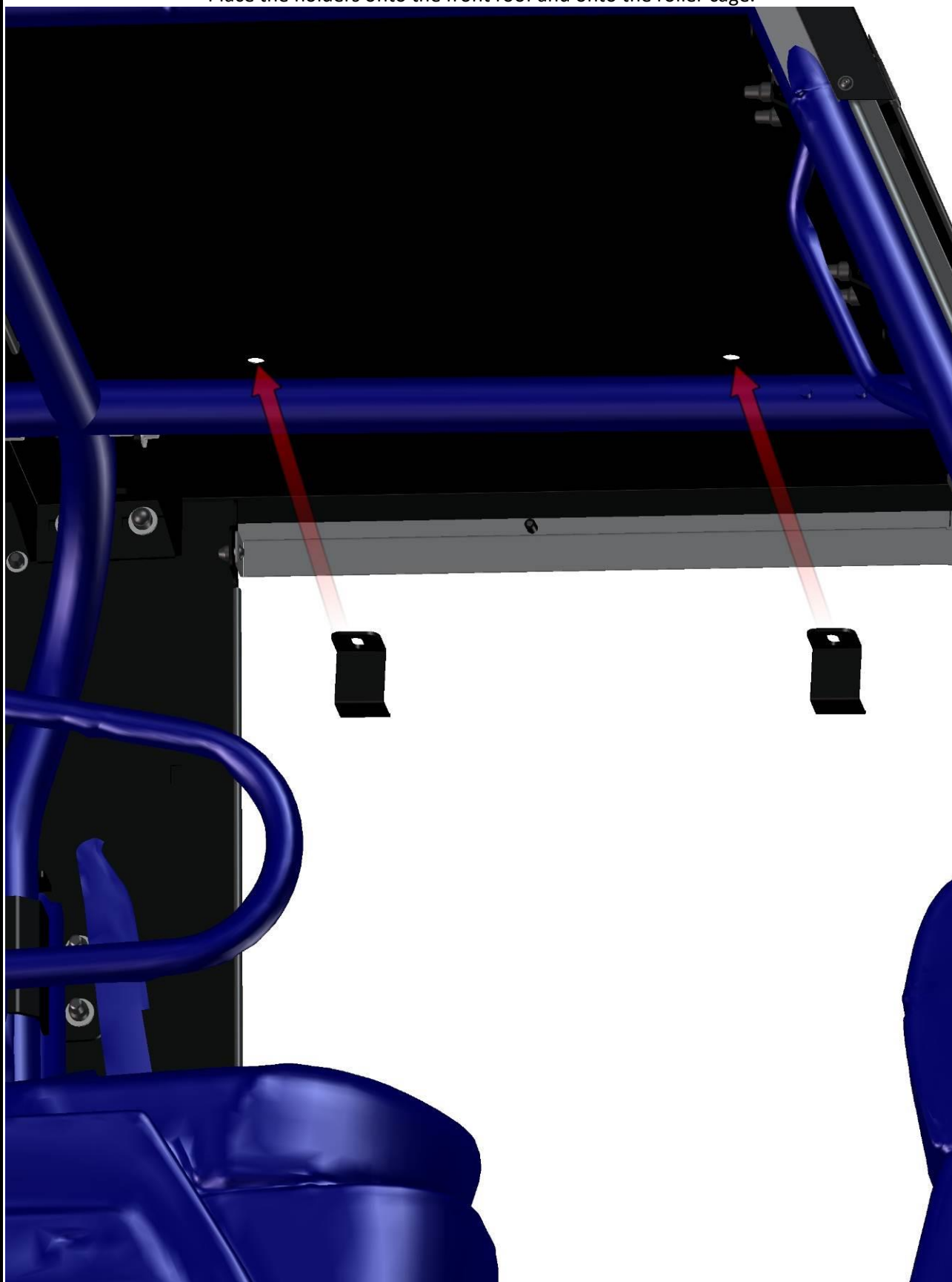
74

Fix the door bases with the front roof by screws, washers, nuts and covers on both sides.



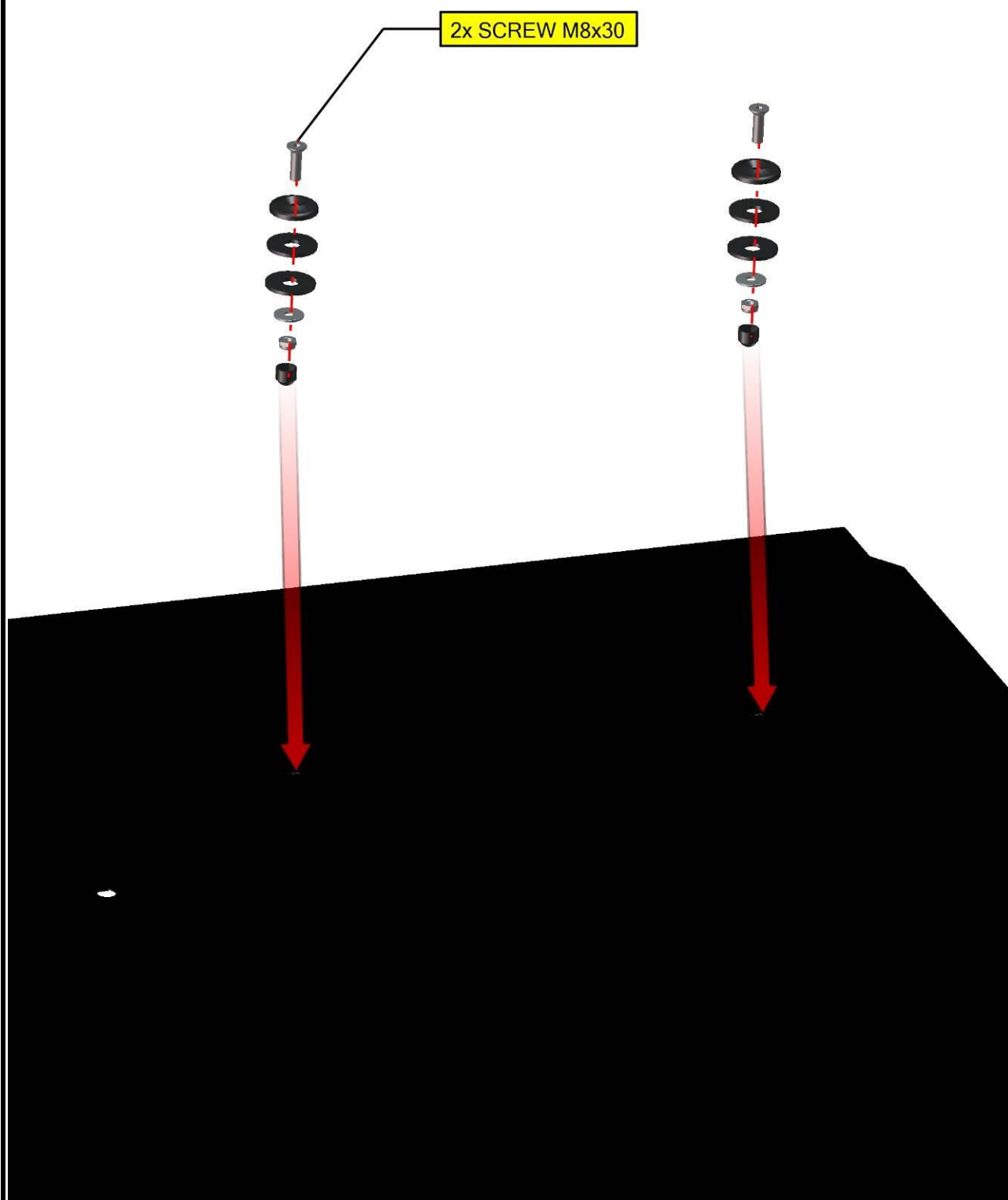
75

Place the holders onto the front roof and onto the roller cage.

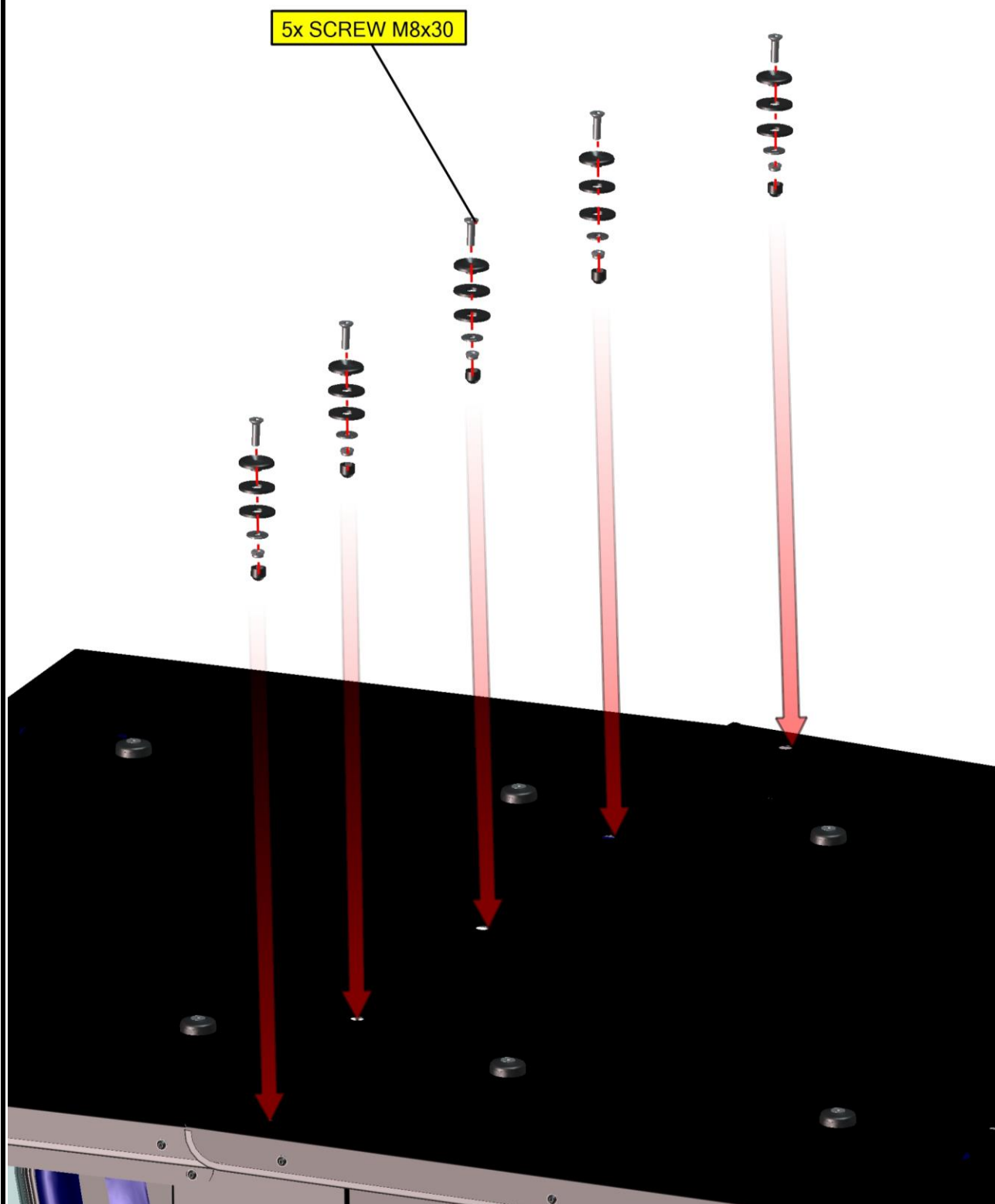


76

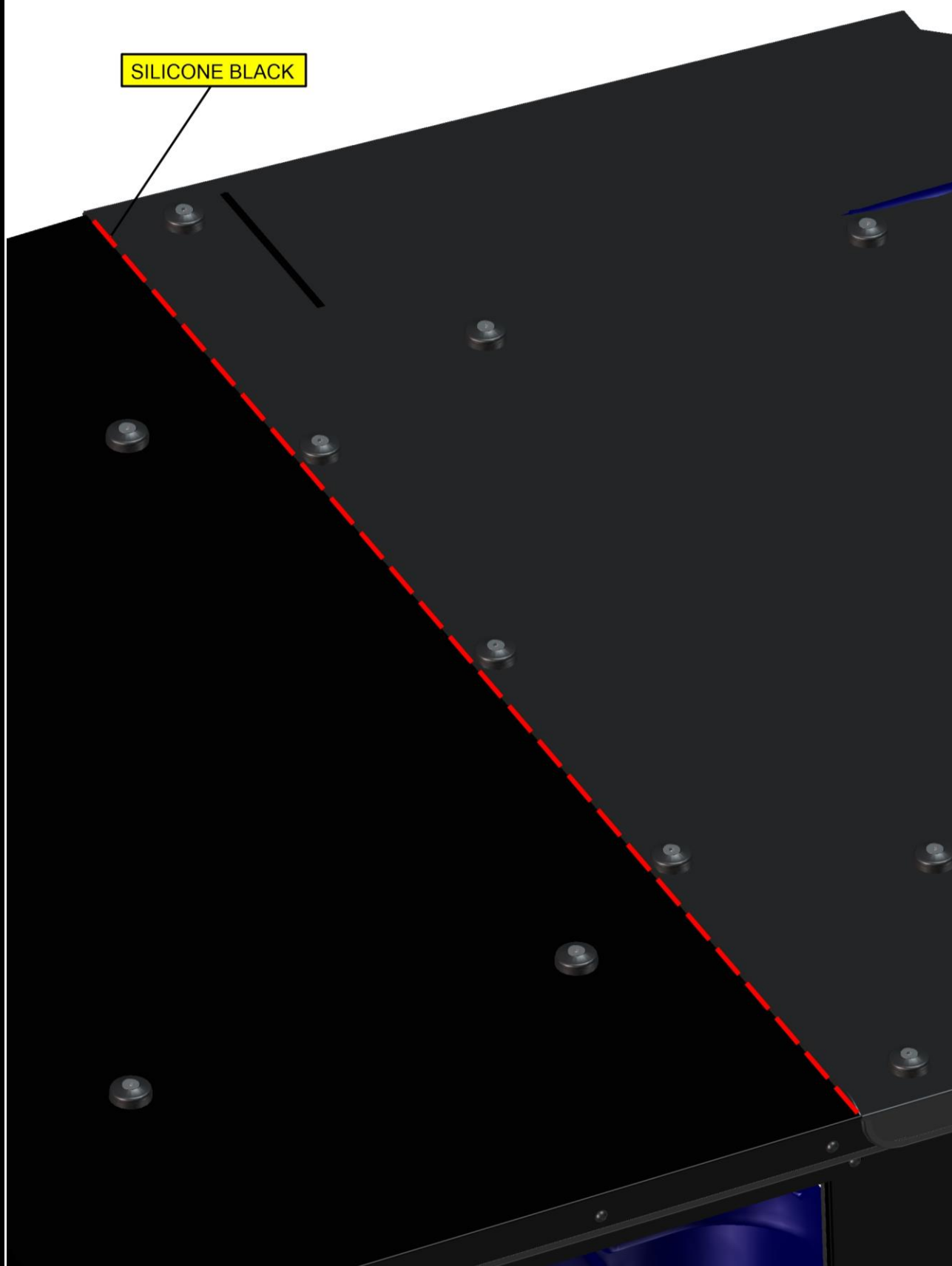
Fix the holders with the roof to the roller cage by screws, washers, nuts and covers.



Fix the front roof with the rear roof by screws, washers, nuts and covers.

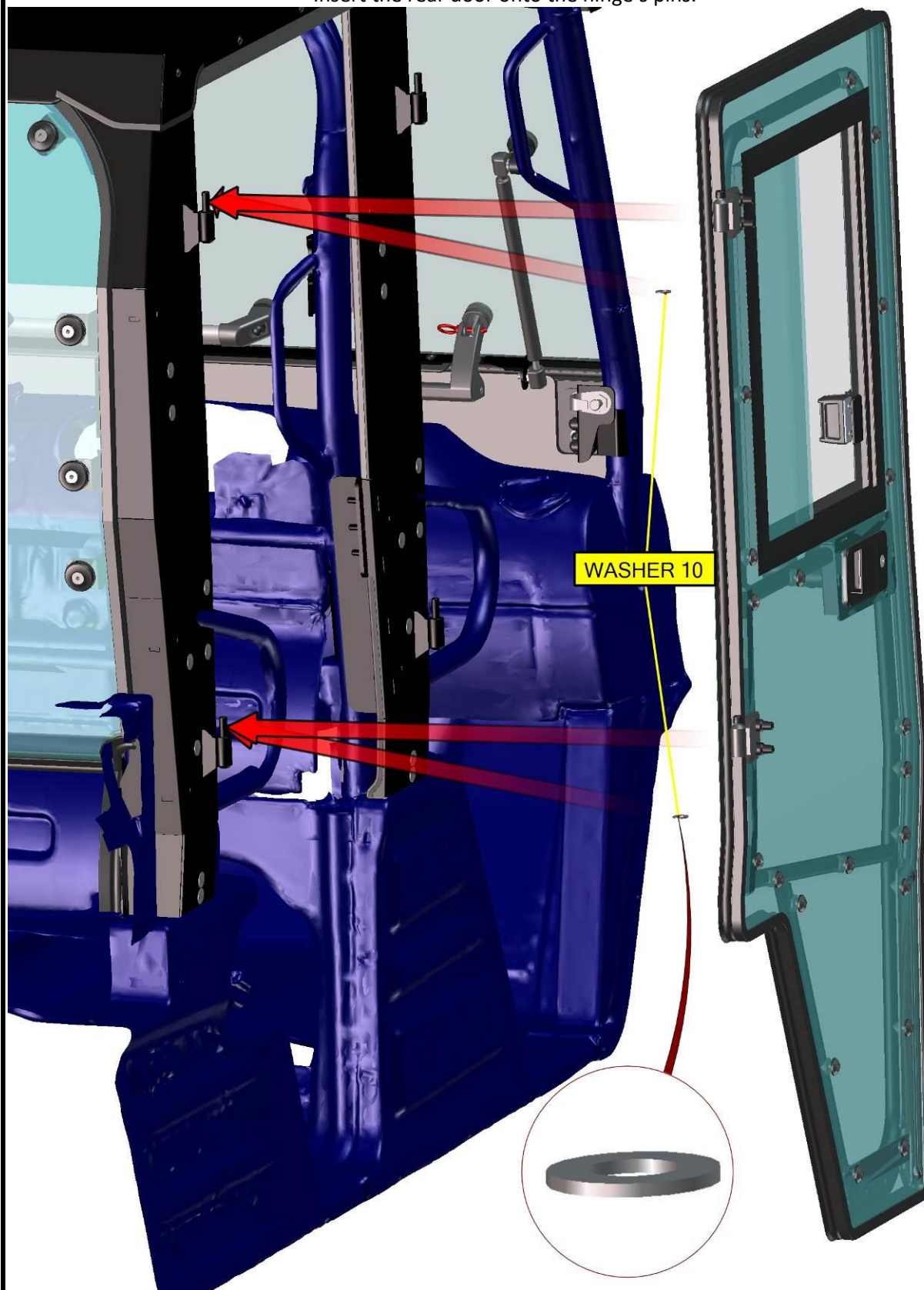


Spray black silicone into the roof connection.



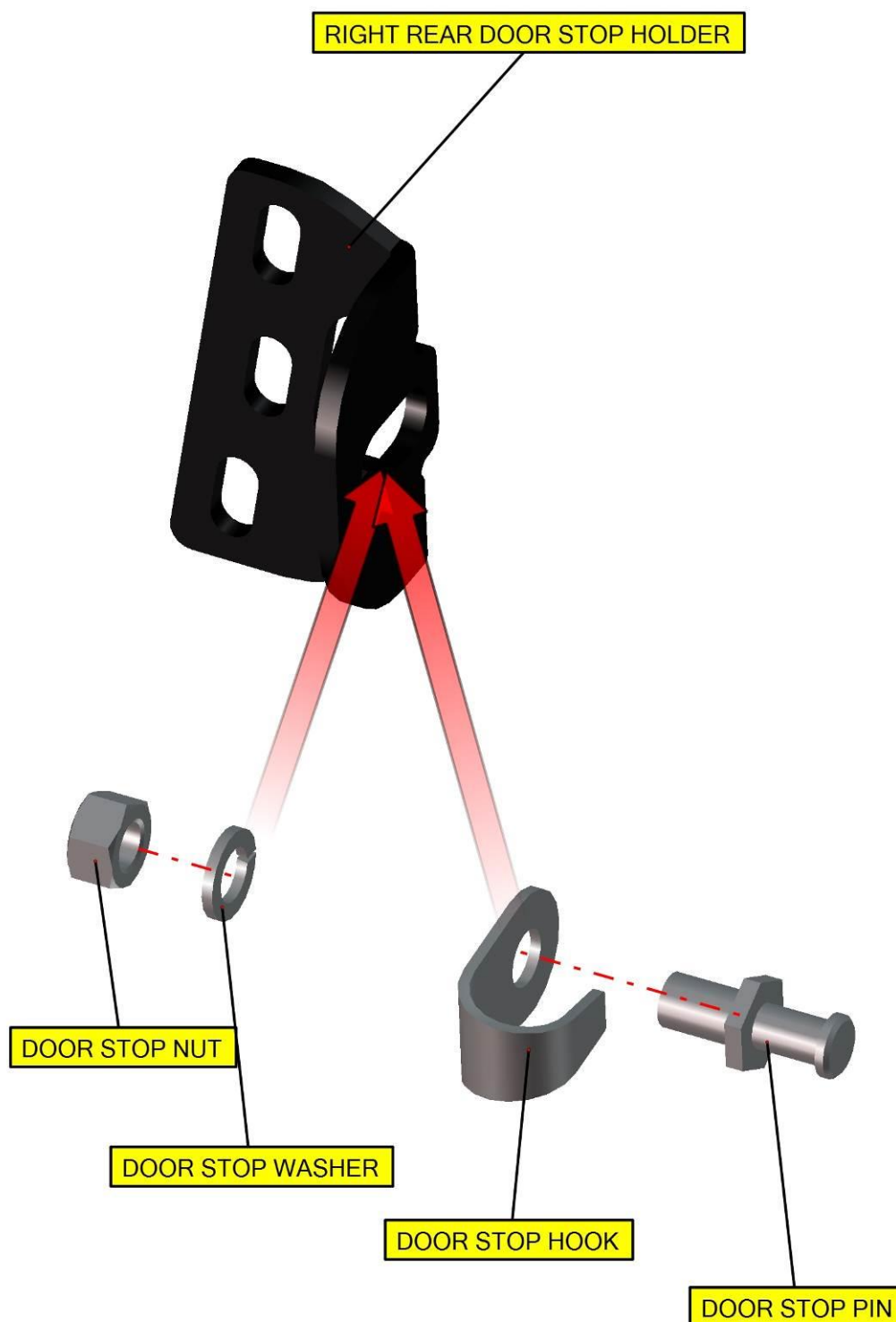
LEFT DOORS + RIGHT DOORS

Lubricate the hinge's pins and insert washers onto the hinge's pins.
Insert the rear door onto the hinge's pins.

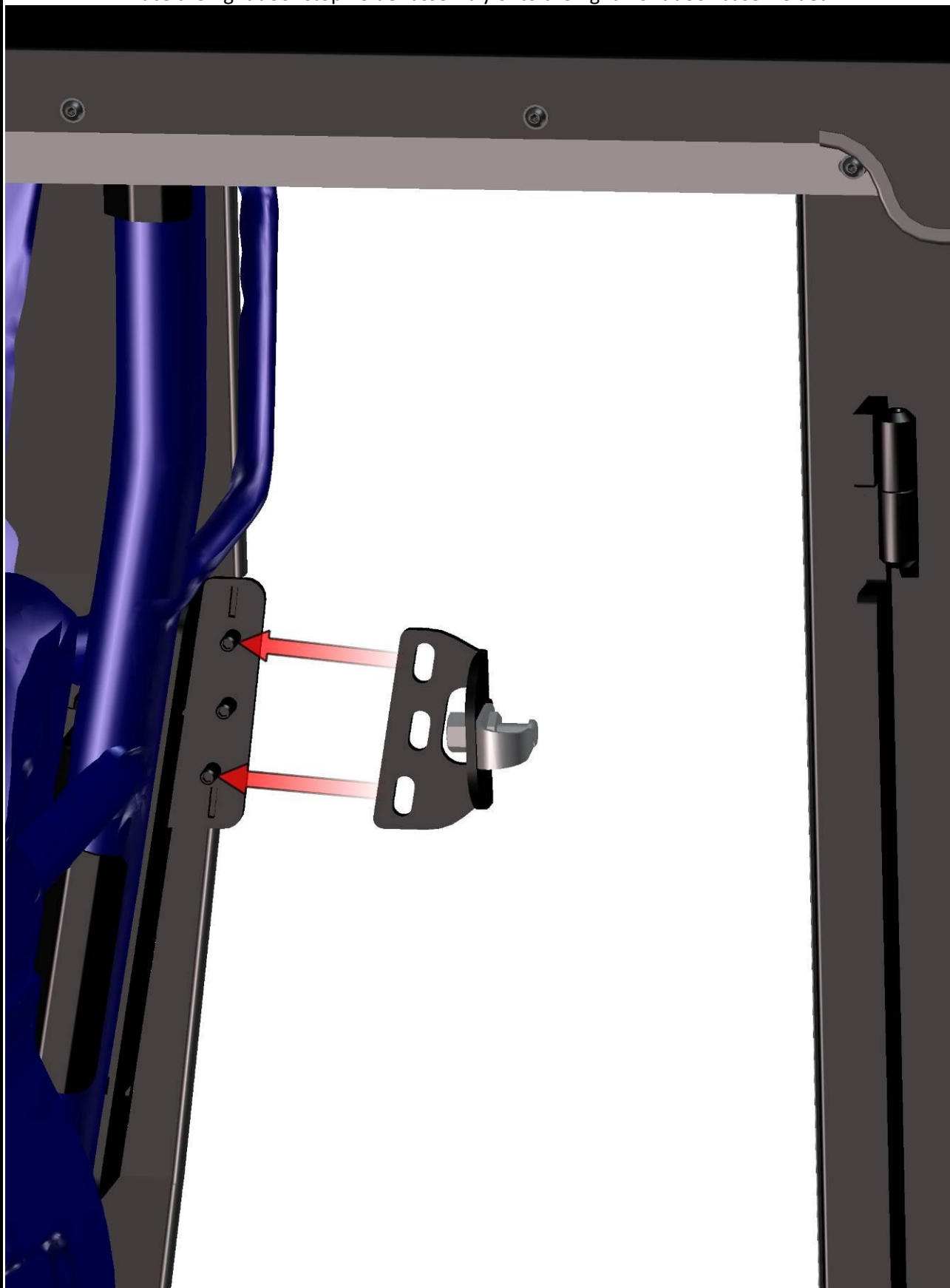


Install the door stop assembly (nut, washer, hook and pin) into the right rear door stop holder.

YOU CAN'T MAKE MISTAKE BETWEEN LEFT AND RIGHT PARTS, IF YOU MAKE MISTAKE, YOU ARE GOING TO HAVE BIG PROBLEM WITH DOOR STOP ADJUSTING!

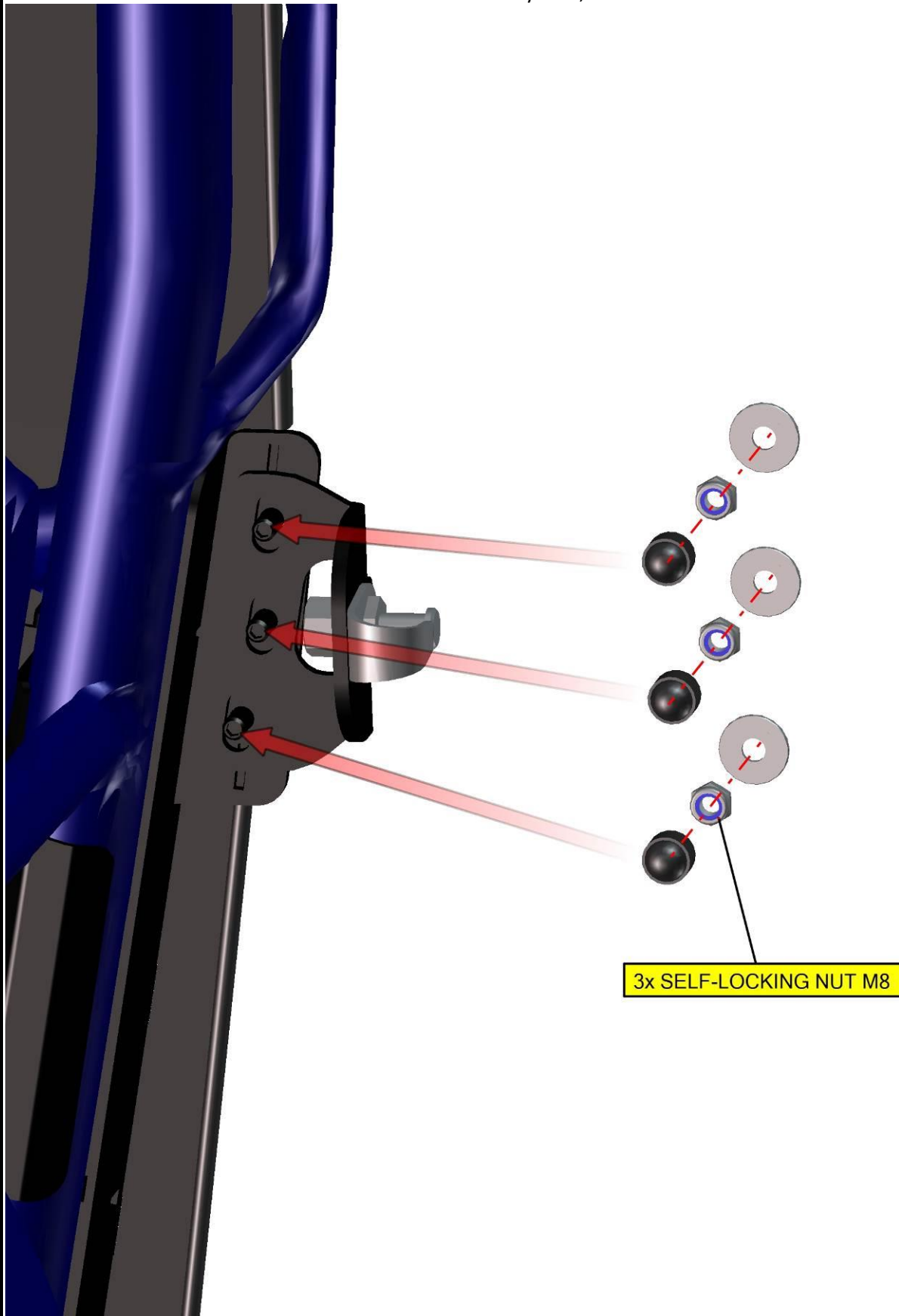


Place the right door stop holder assembly onto the right front door base welded.

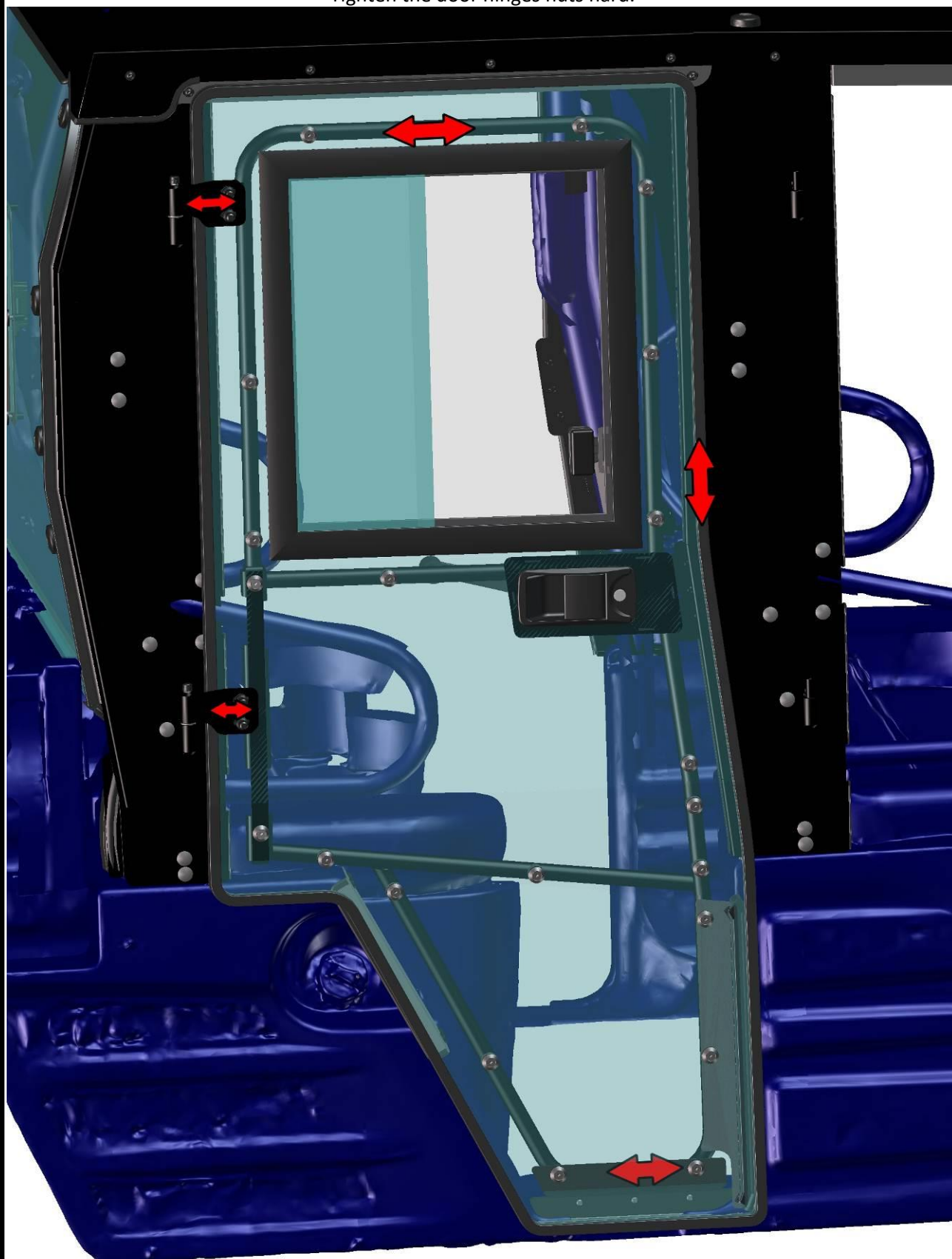


82

Fix the holder with the door base by nuts, washers and covers.



Loosen the door hinges nuts. Adjust the rear door by rear door hinges to best position.
Tighten the door hinges nuts hard.



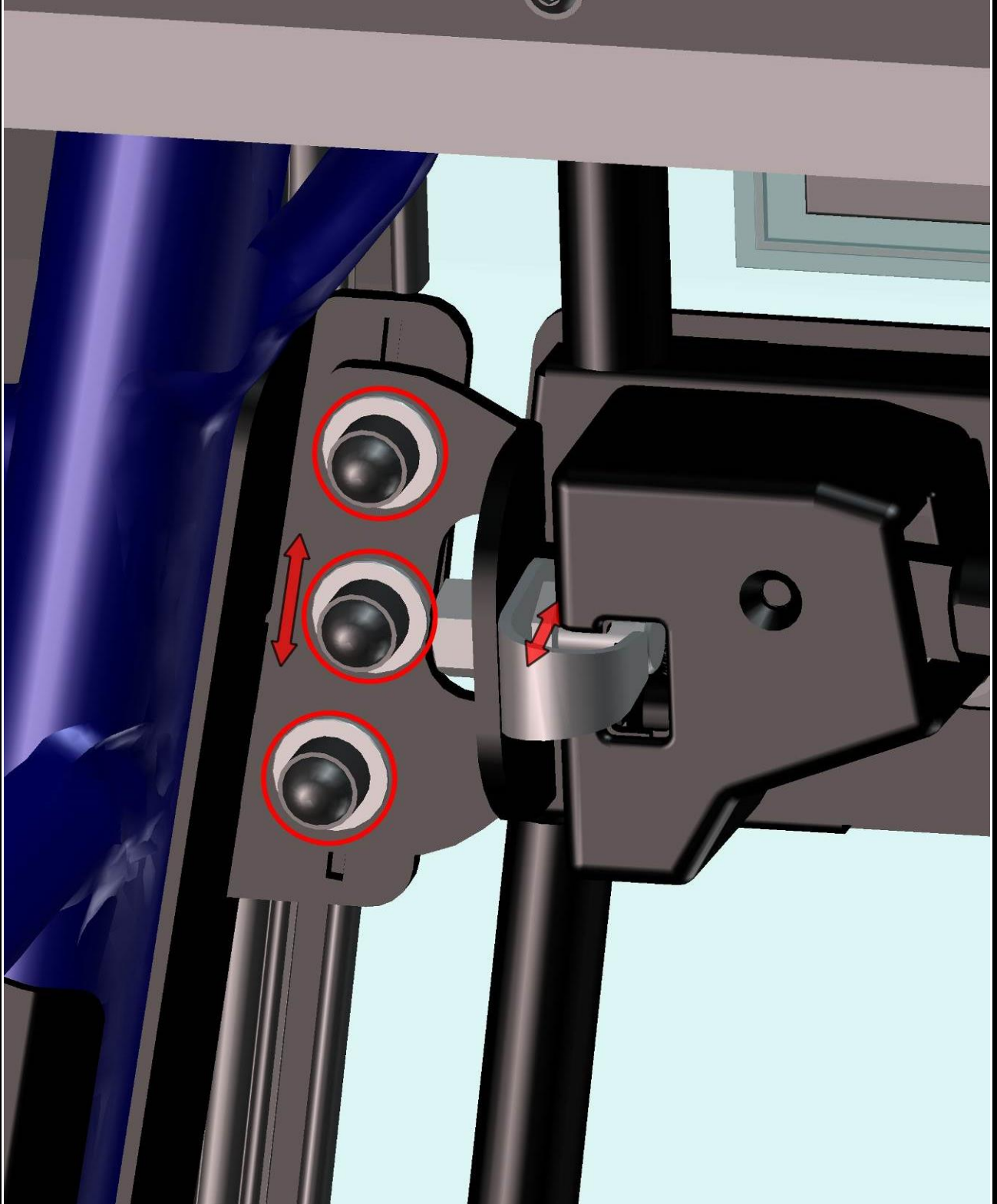
Adjust the rear door stop holder to best position and tighten door stop nuts hard.

If you adjust the door stop correctly and close door slowly, you can hear 2! clear metallic click.

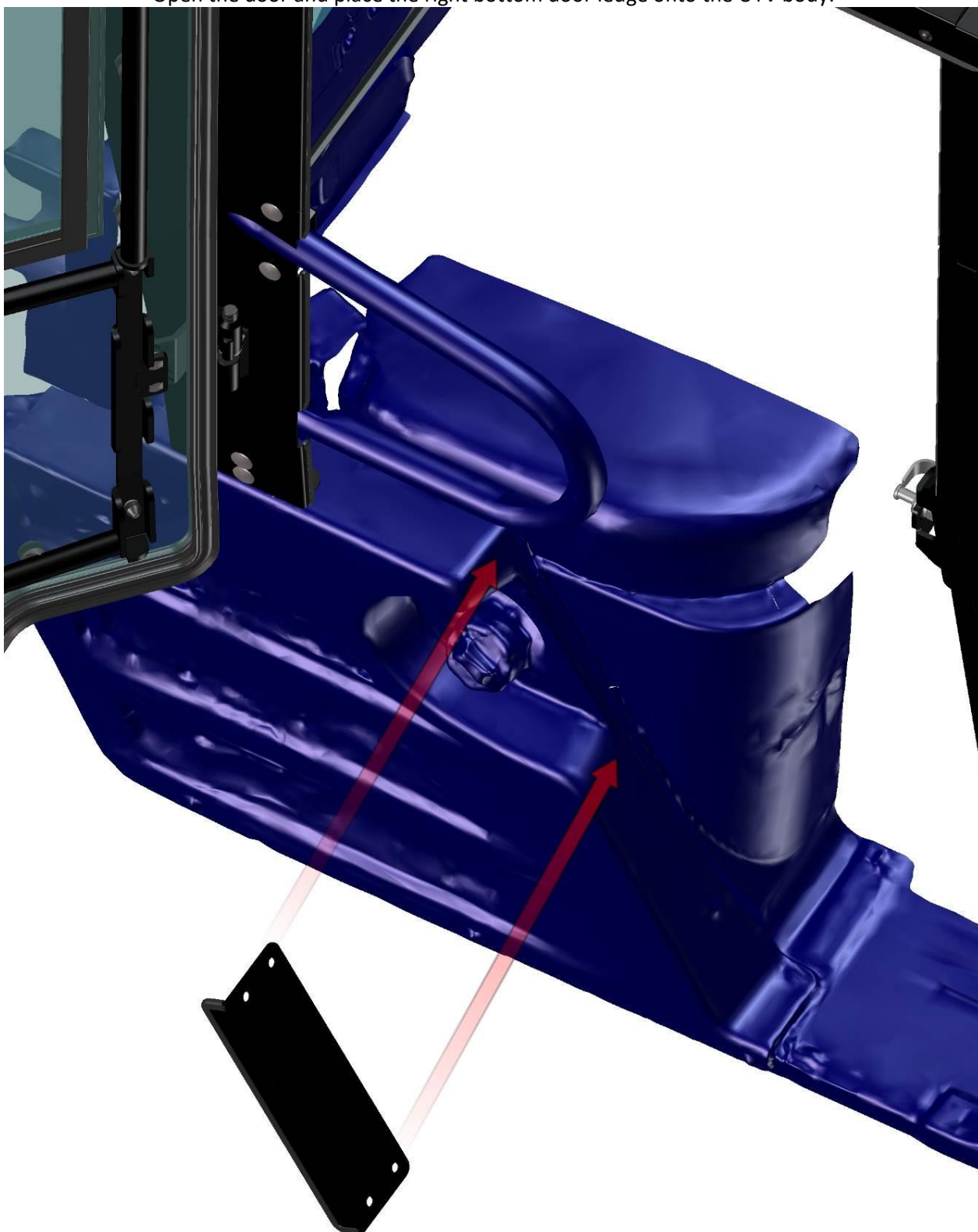
If you adjusted the door stop with 1 click only, the door lock would not be locked by key.

In the door stop assembly is included 2 washers more, you can install these between the holder and hook.

If you have problems with the door stop adjusting, you can repeat steps from previous page.



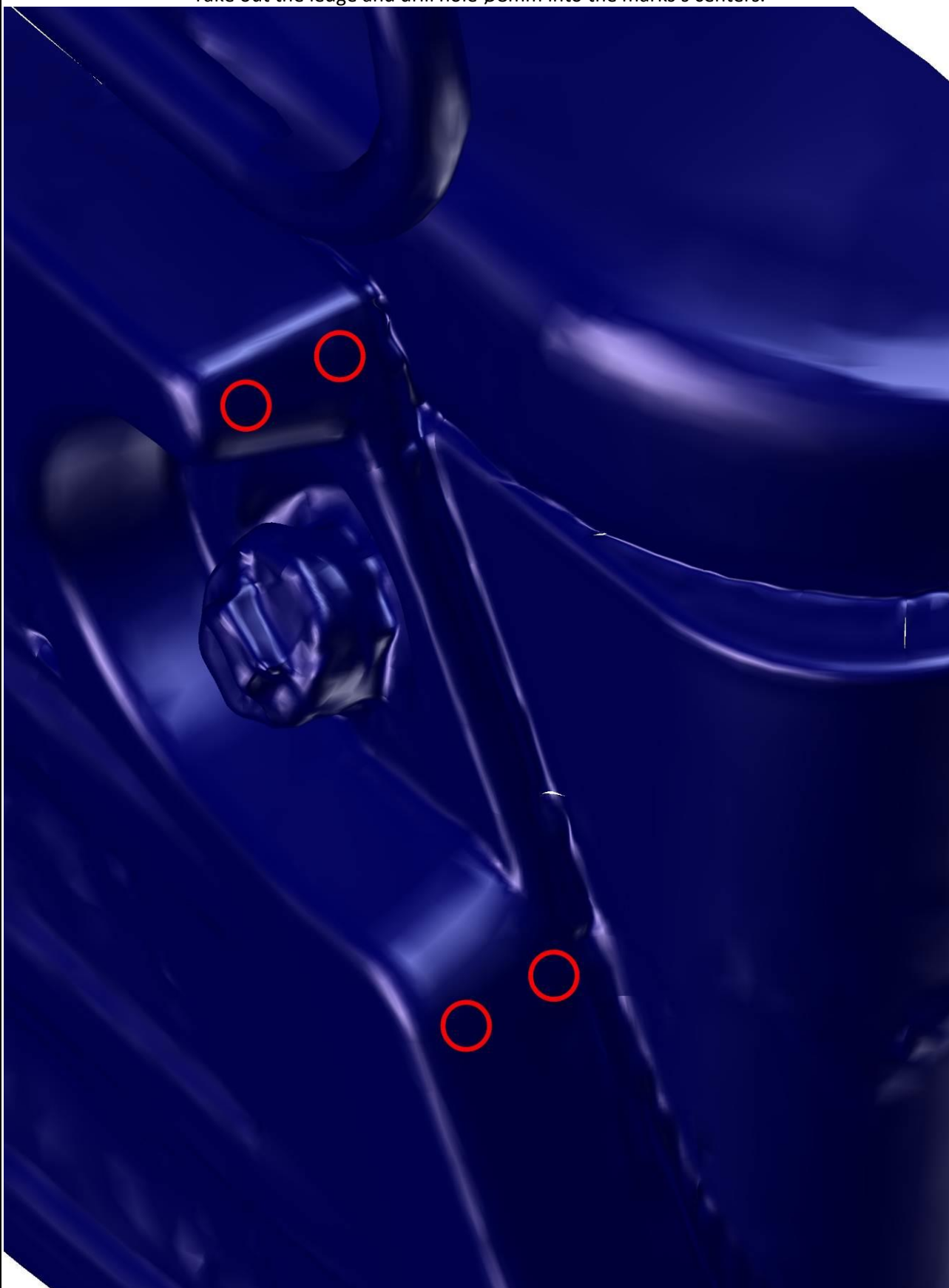
Repeat previous steps on left side with the left parts.
Open the door and place the right bottom door ledge onto the UTV body.



Adjust the ledge to the best position
and make marks onto the UTV body in accordance with the ledge's holes.

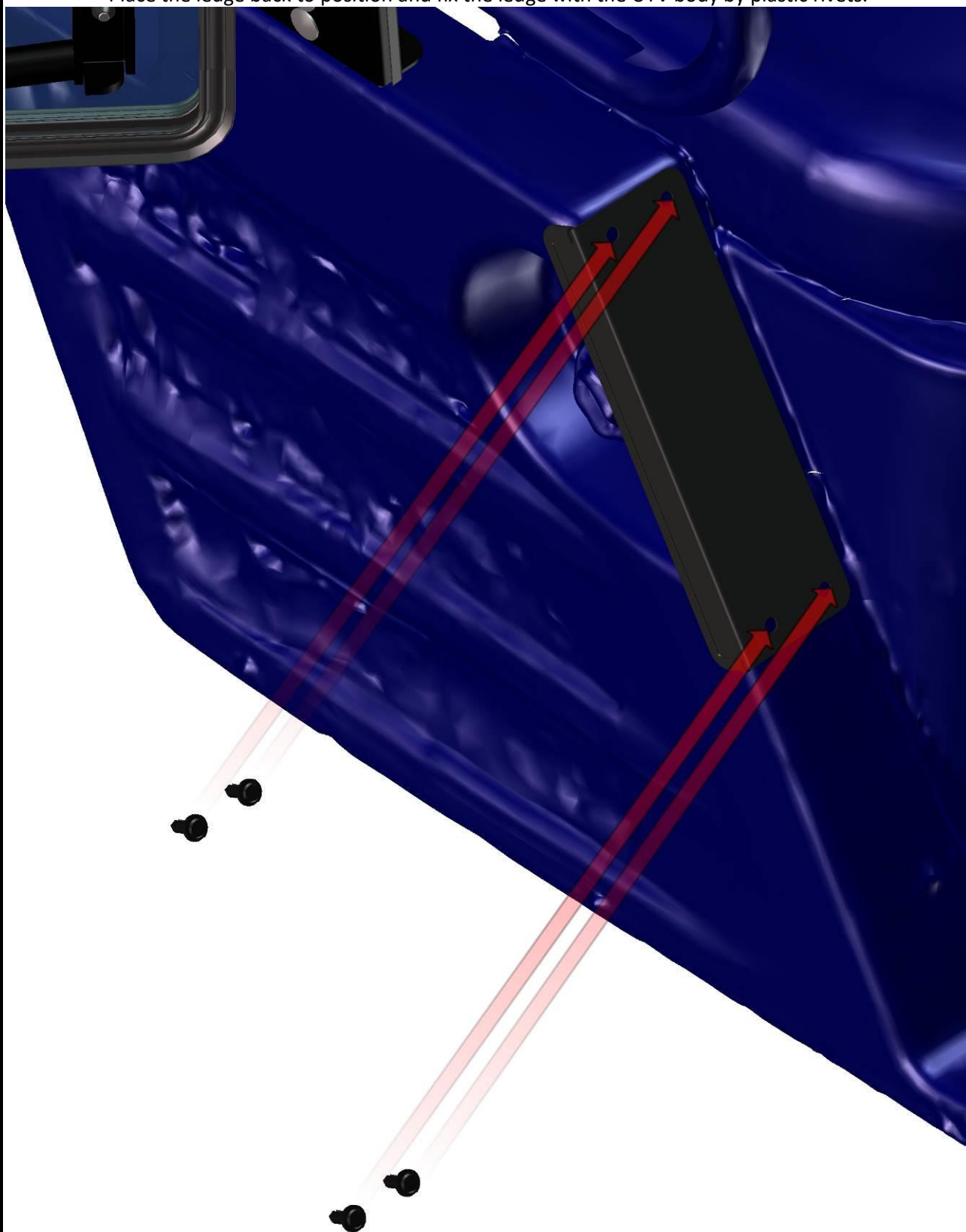


Take out the ledge and drill hole $\varnothing 8\text{mm}$ into the marks's centers.

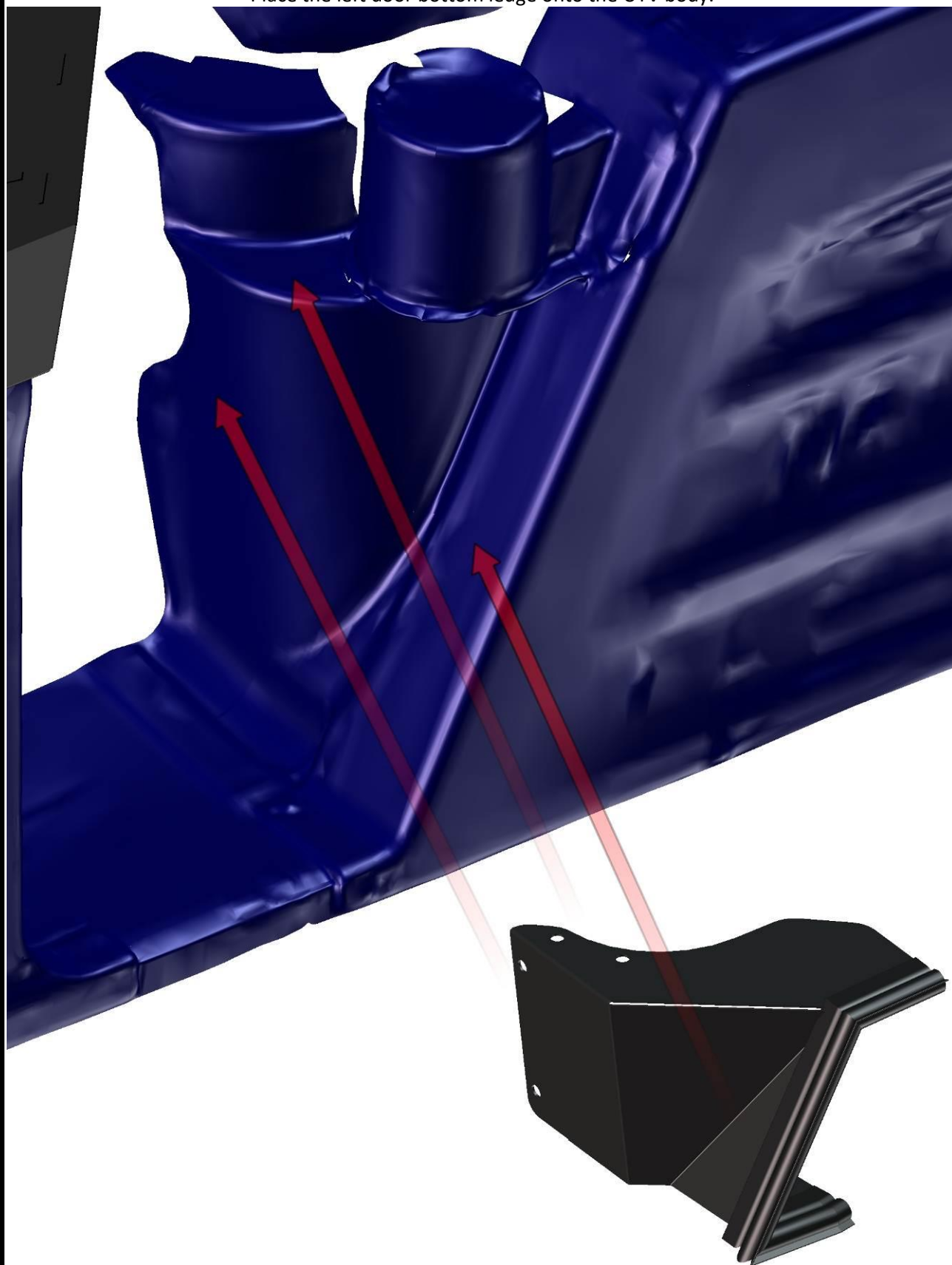


88

Place the ledge back to position and fix the ledge with the UTV body by plastic rivets.

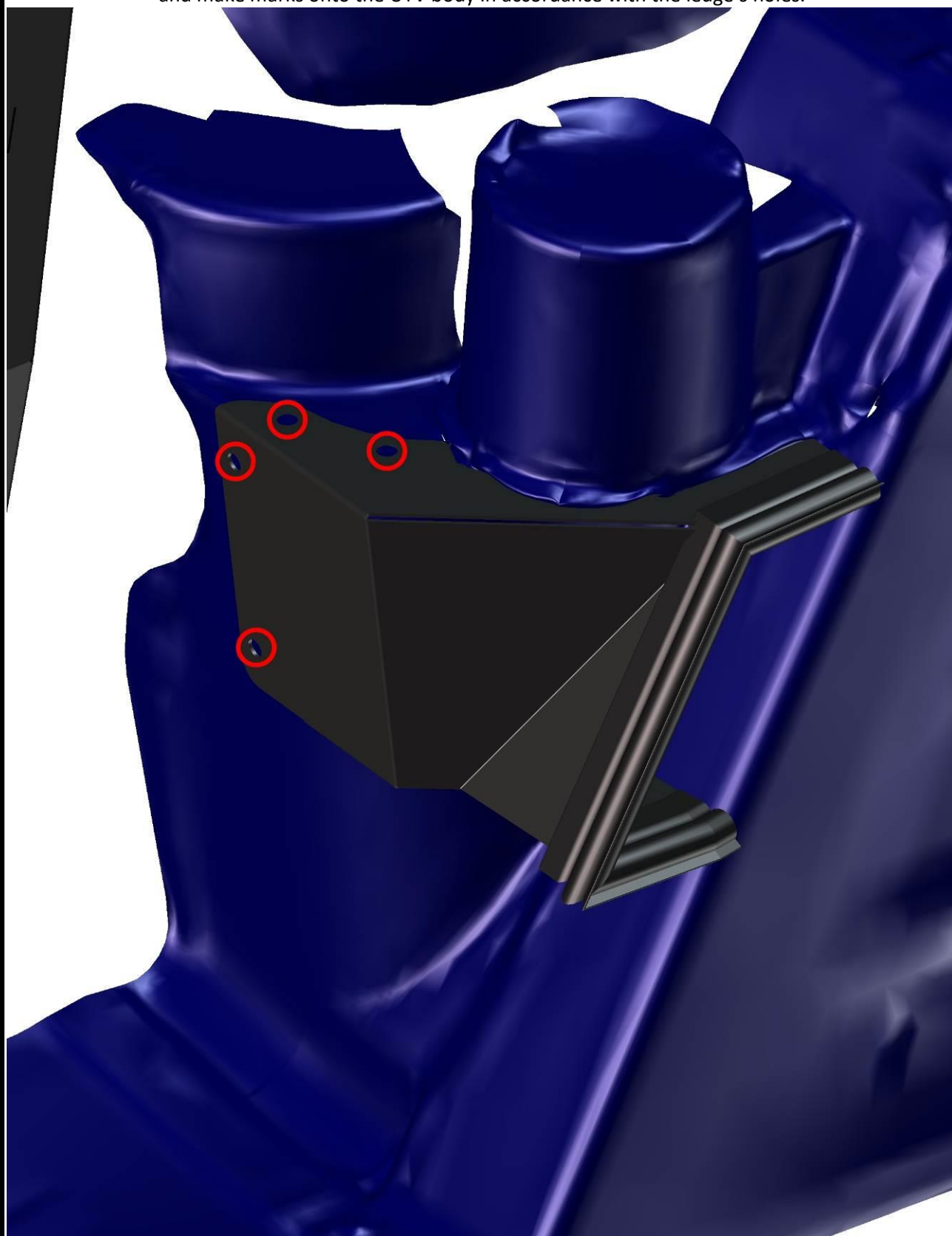


Place the left door bottom ledge onto the UTV body.



90

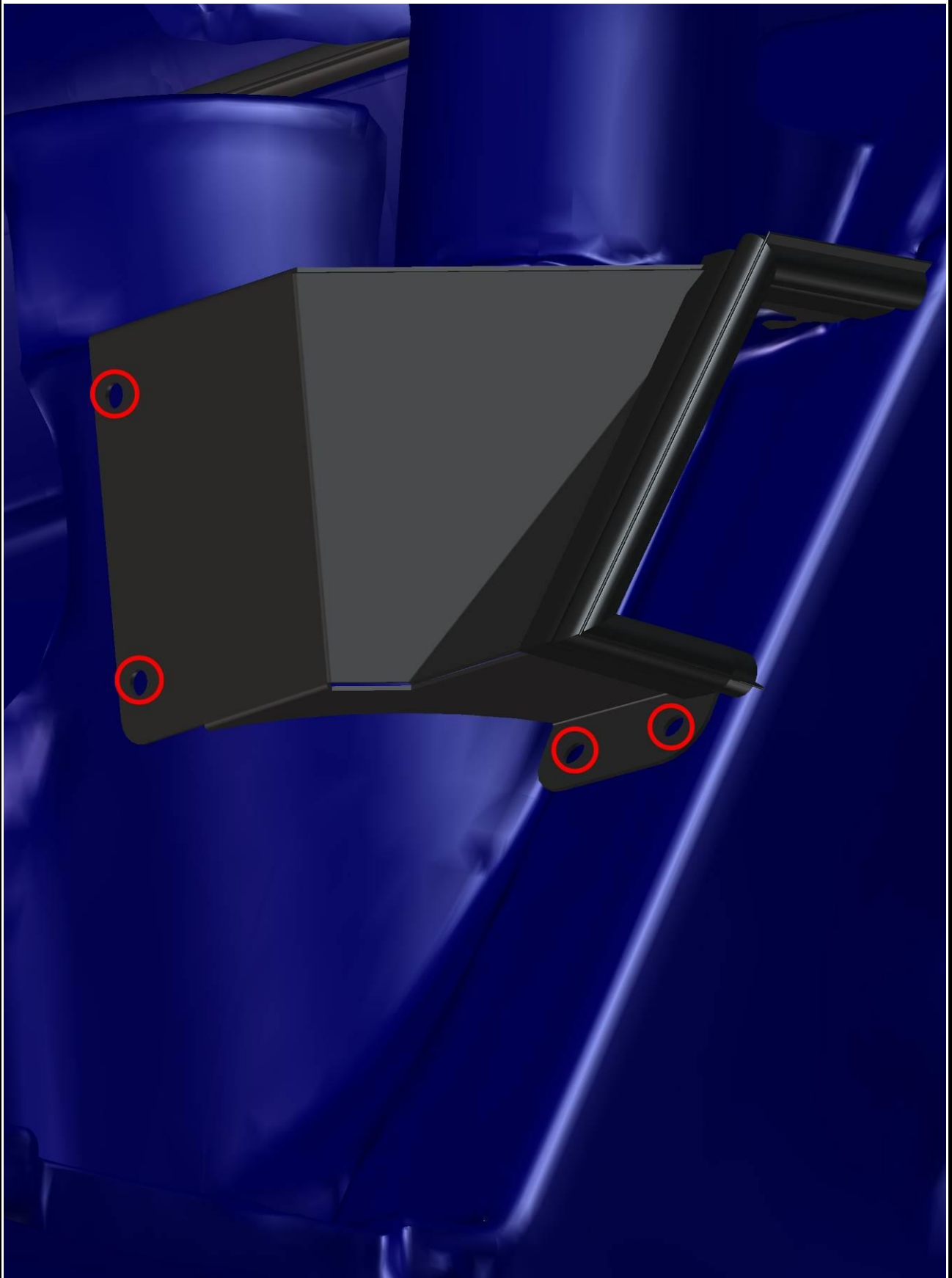
Adjust the ledge to the best position
and make marks onto the UTV body in accordance with the ledge's holes.



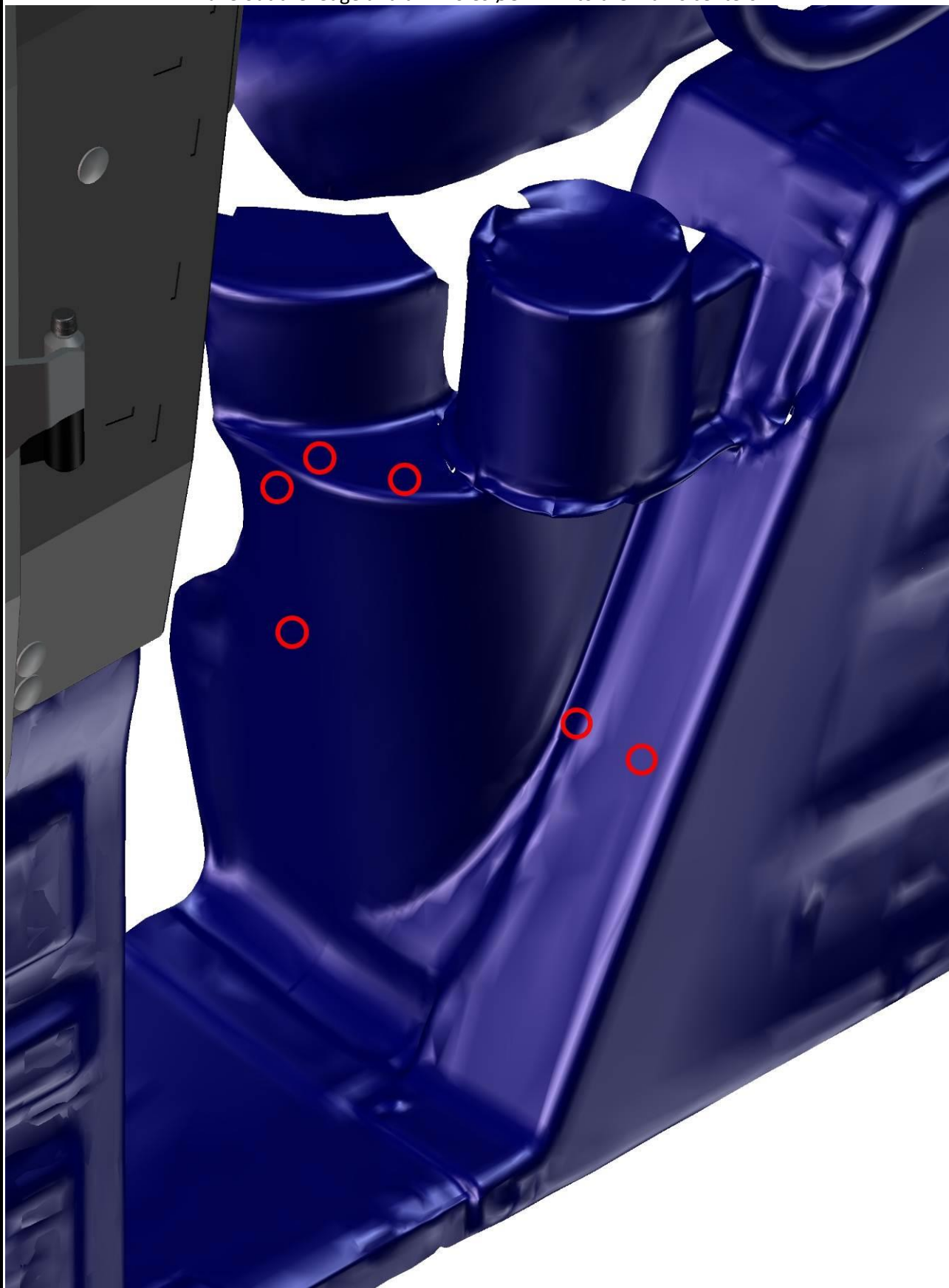
91

SEE NEXT PAGE

Other side view.

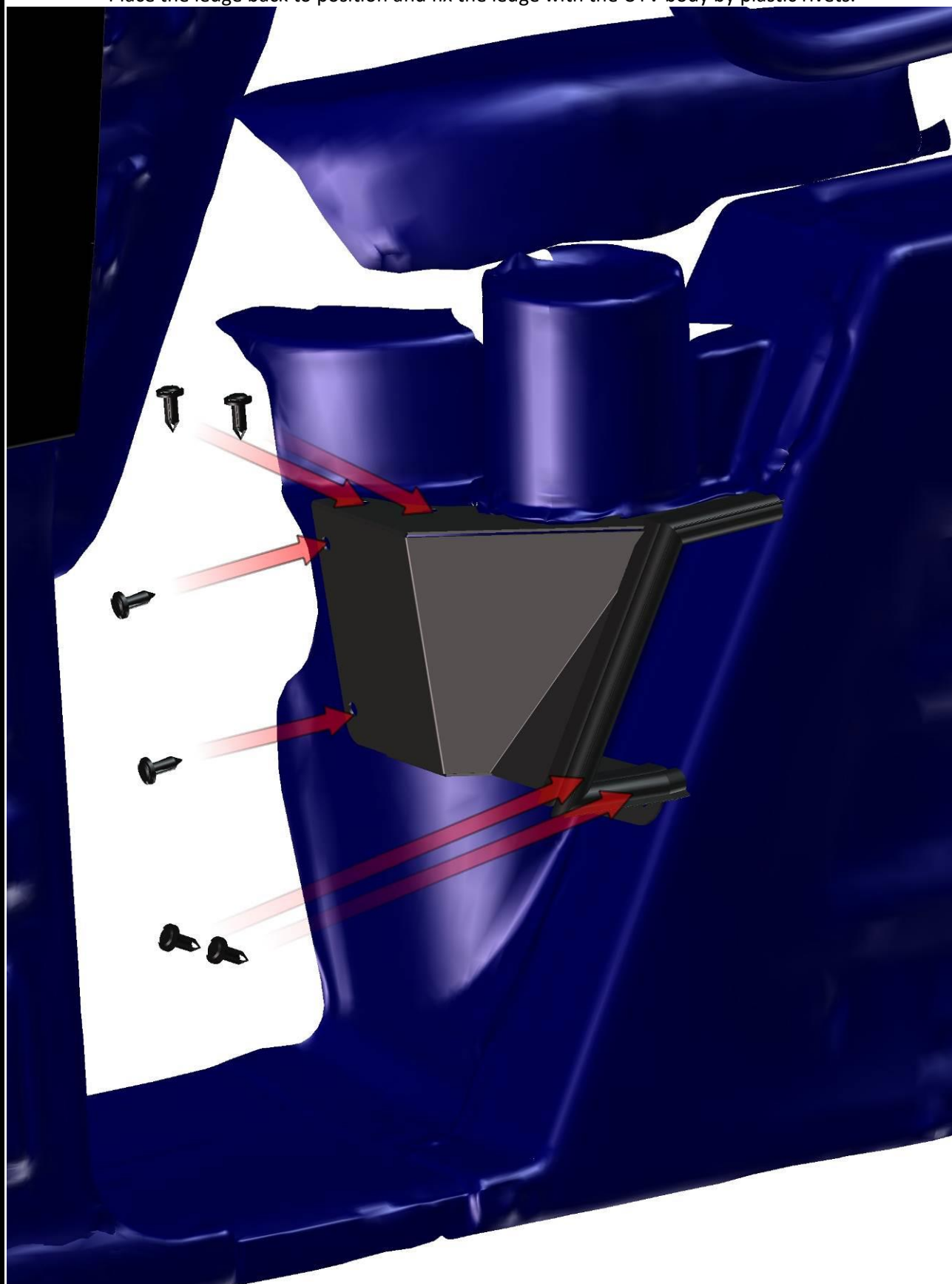


Take out the ledge and drill holes $\varnothing 8\text{mm}$ into the marks centers.



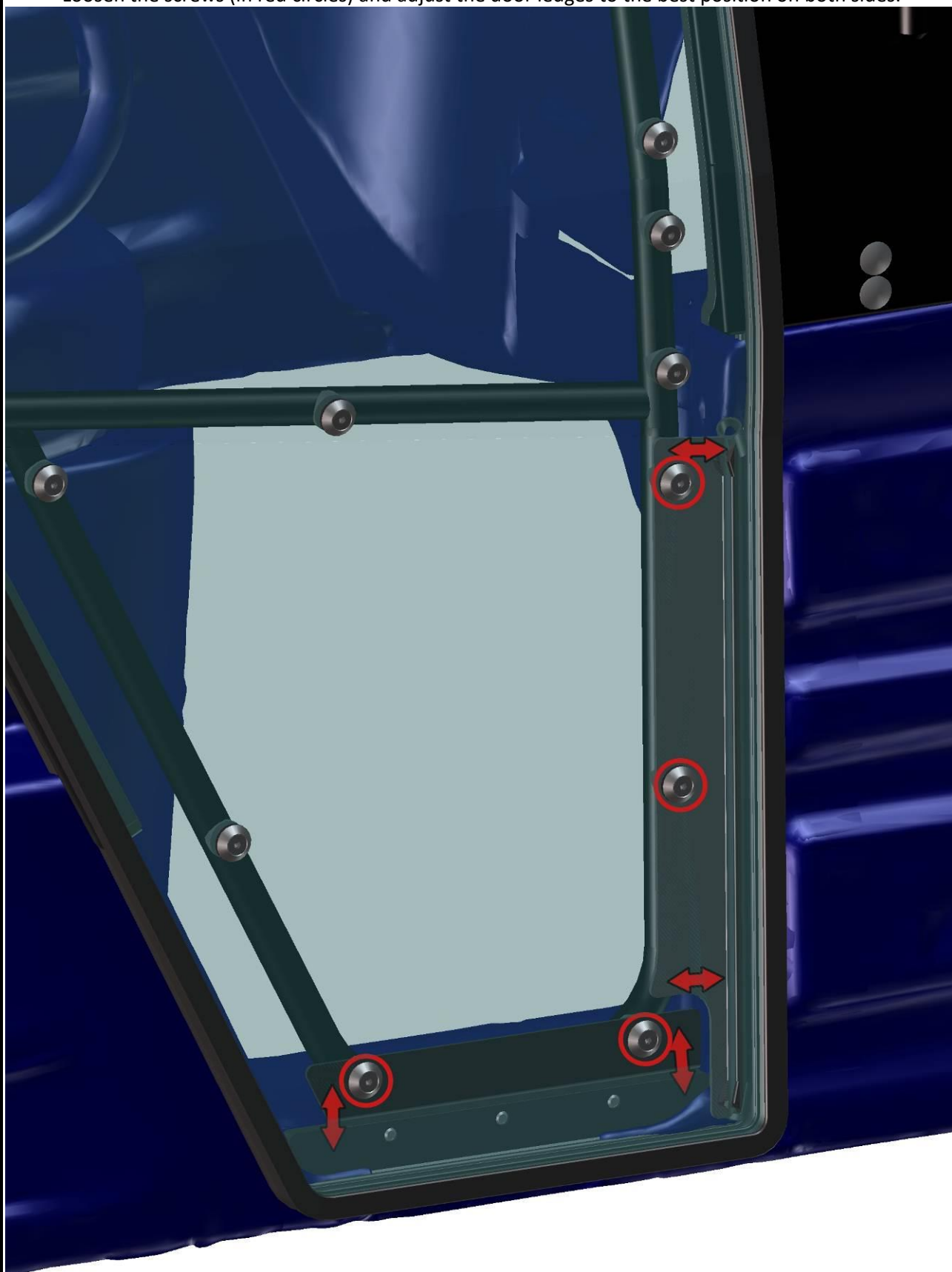
93

Place the ledge back to position and fix the ledge with the UTV body by plastic rivets.



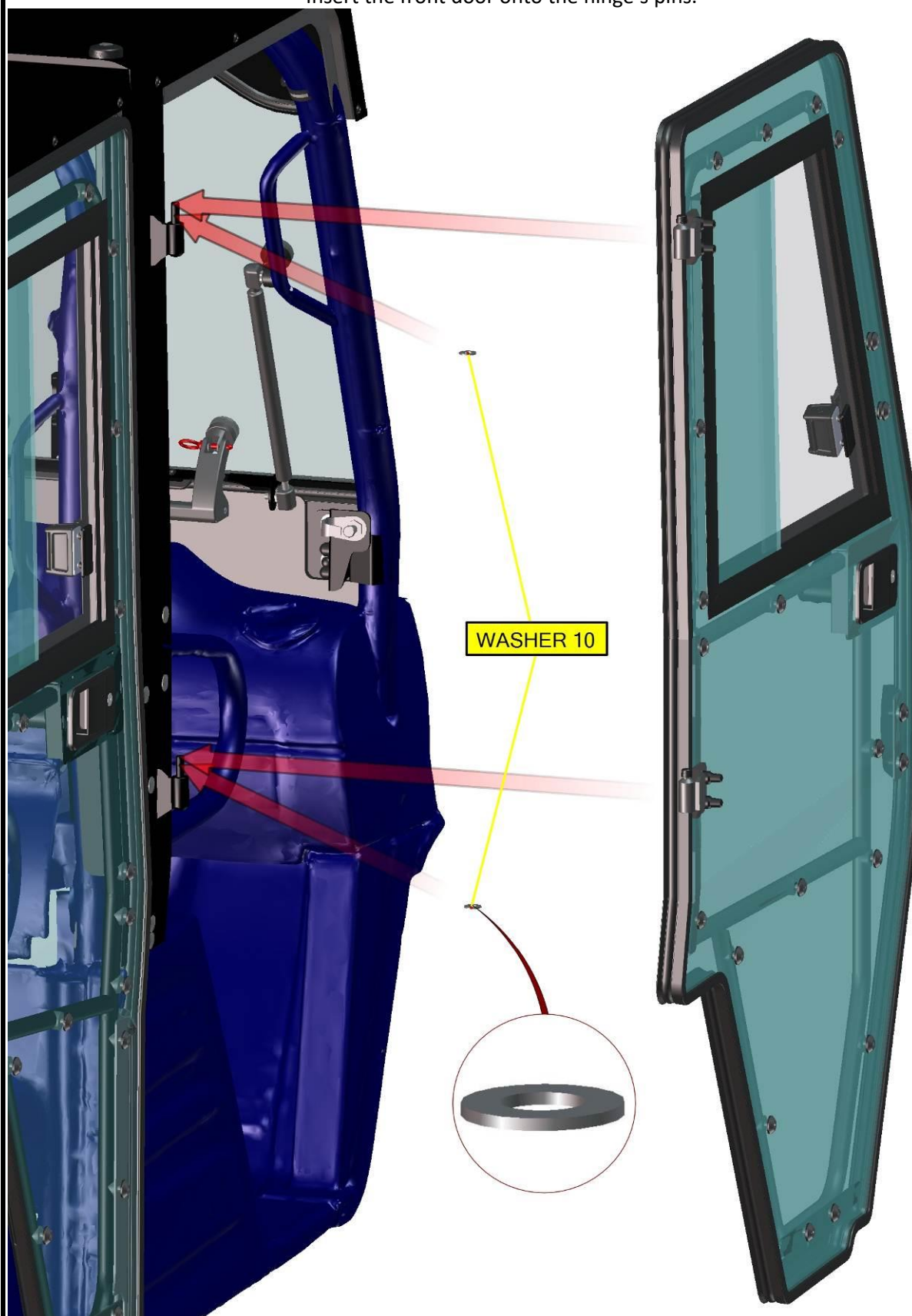
94

Loosen the screws (in red circles) and adjust the door ledges to the best position on both sides.

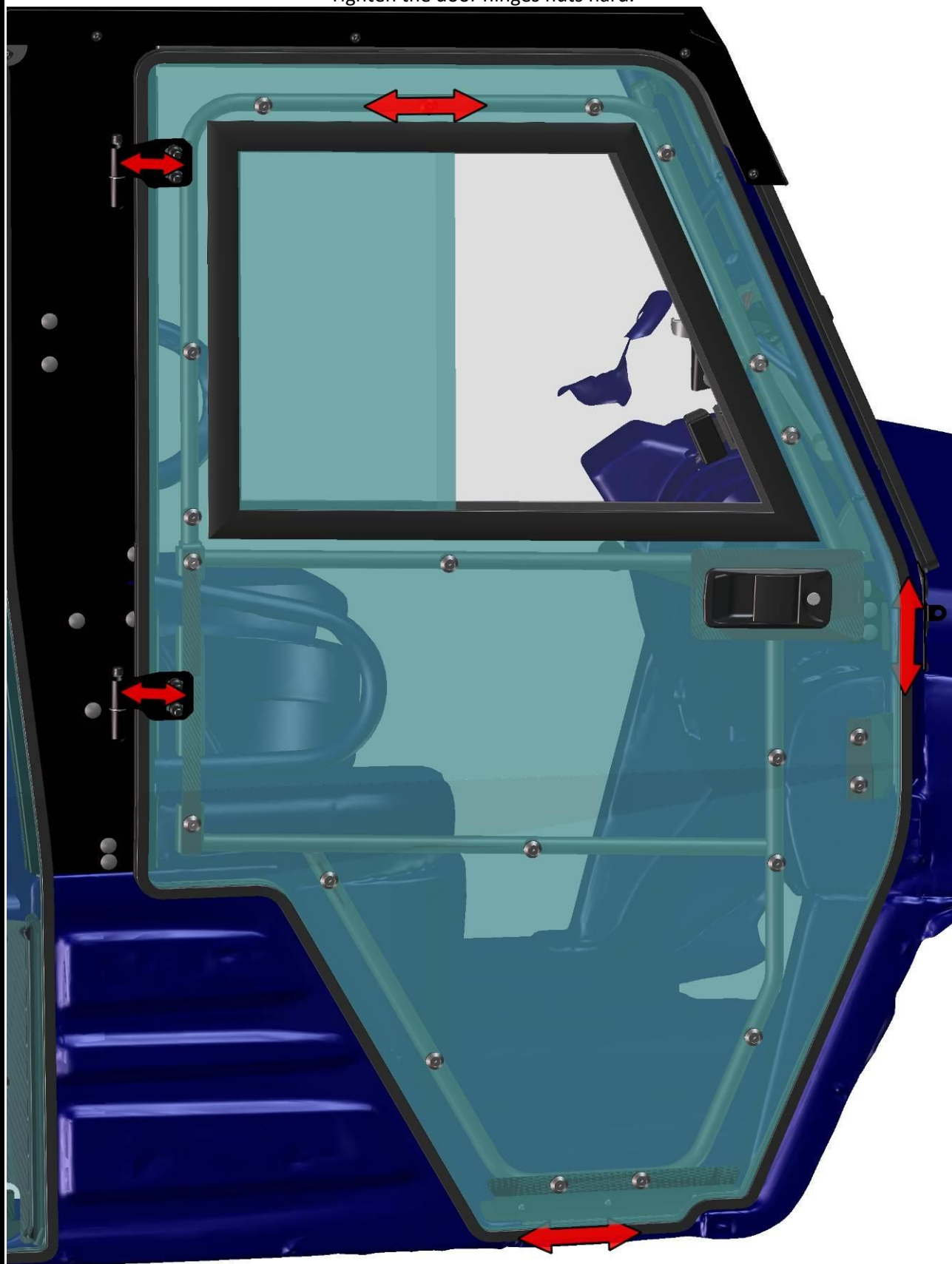


95

Lubricate the hinge's pins and insert washers onto the hinge's pins.
Insert the front door onto the hinge's pins.



Loosen the door hinges nuts. Adjust the rear door by rear door hinges to best position.
Tighten the door hinges nuts hard.



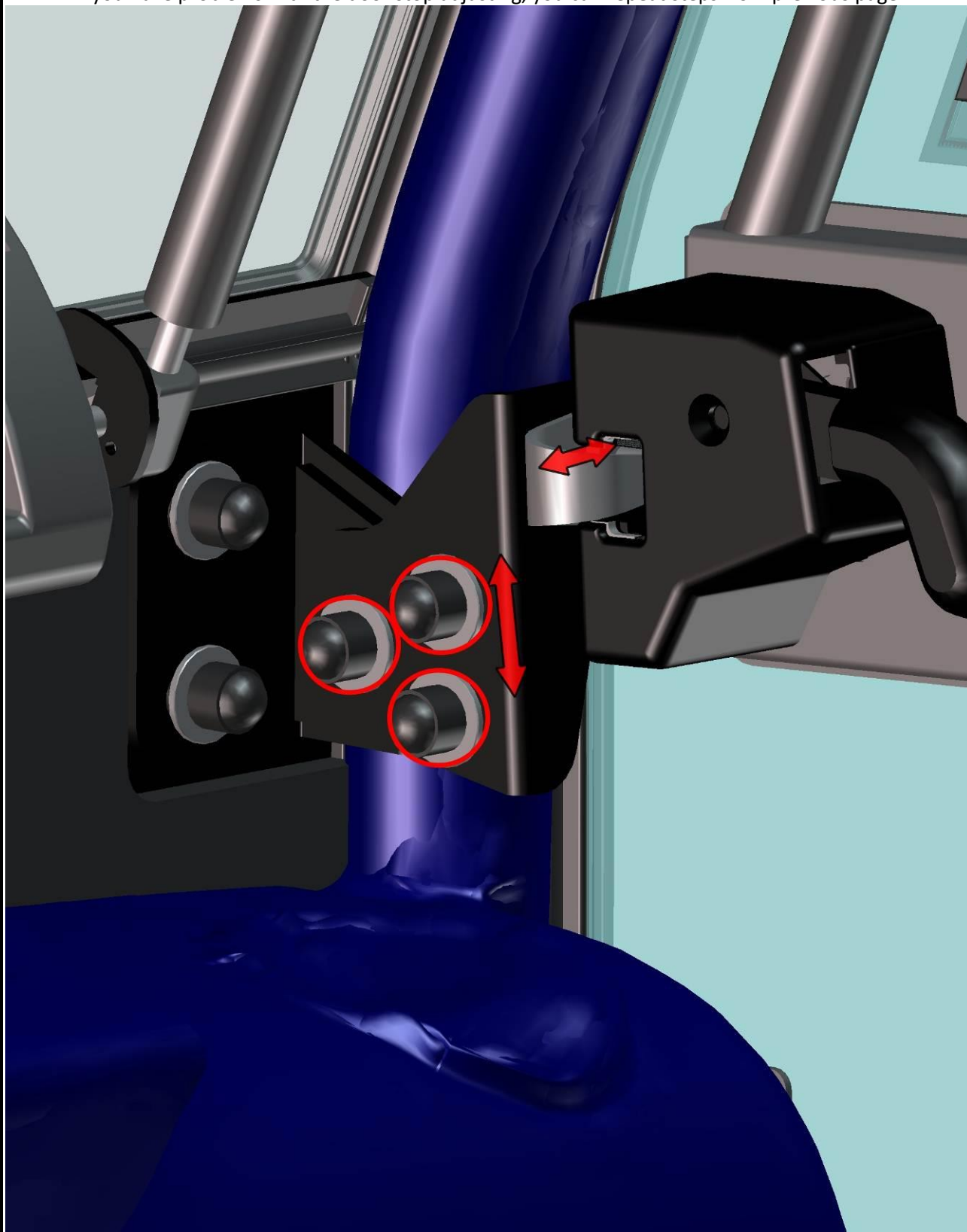
97

Adjust the door stop holder and the door stop assembly to the best position and tight nuts hard.

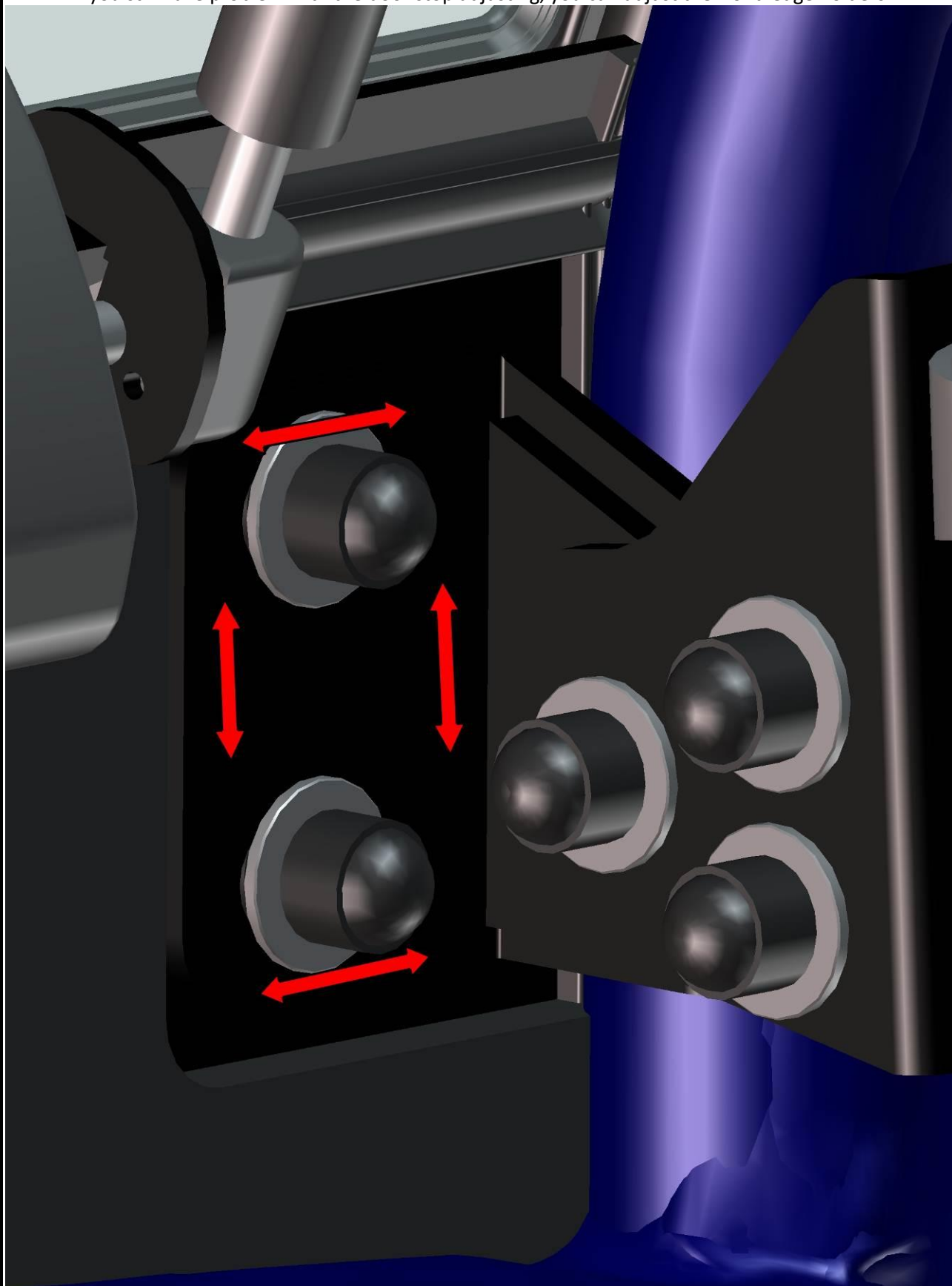
If you adjust the door stop correctly and close door slowly, you can hear 2! clear metallic click.

If you adjusted the door stop with 1 click only, the door lock would not be locked by key.

If you have problems with the door stop adjusting, you can repeat steps from previous page.



If you still have problem with the door stop adjusting, you can adjust the front ledge holders.

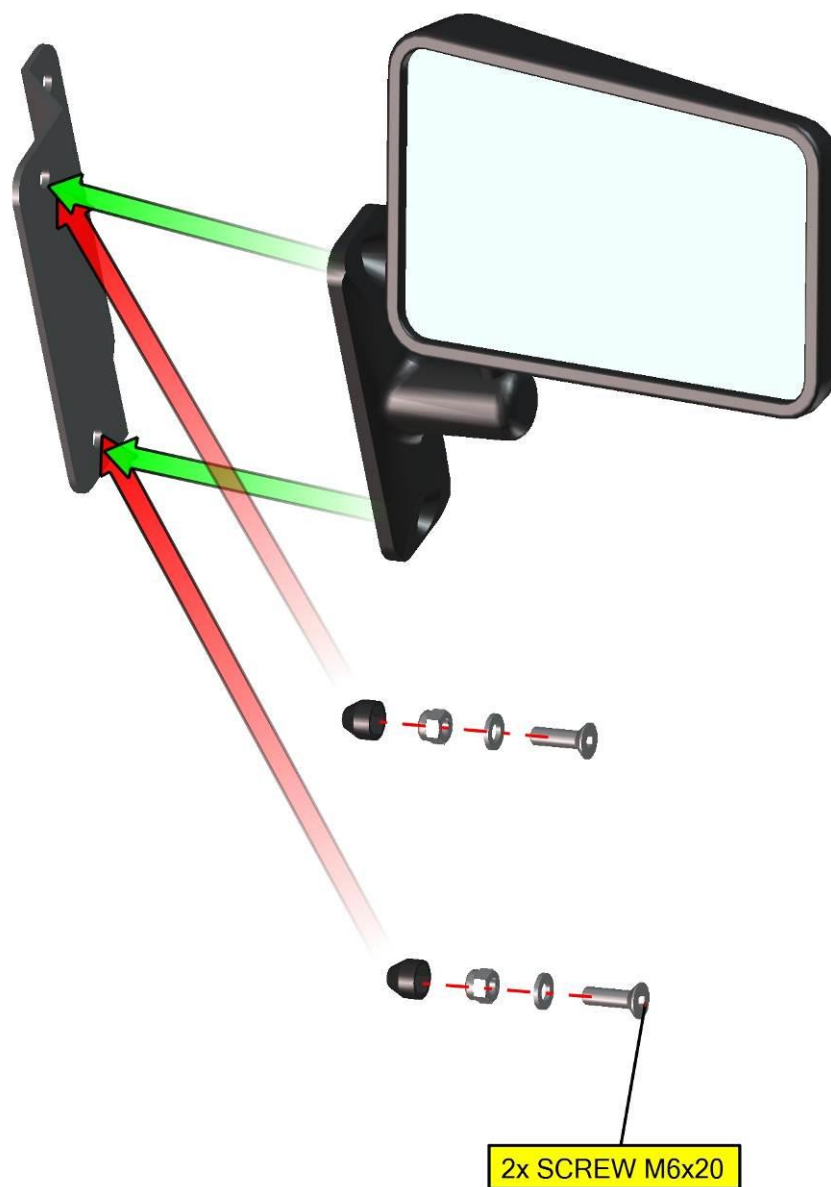


Loosen door ledge's screws. Adjust the front door ledges to best positions. Tighten screws correctly.



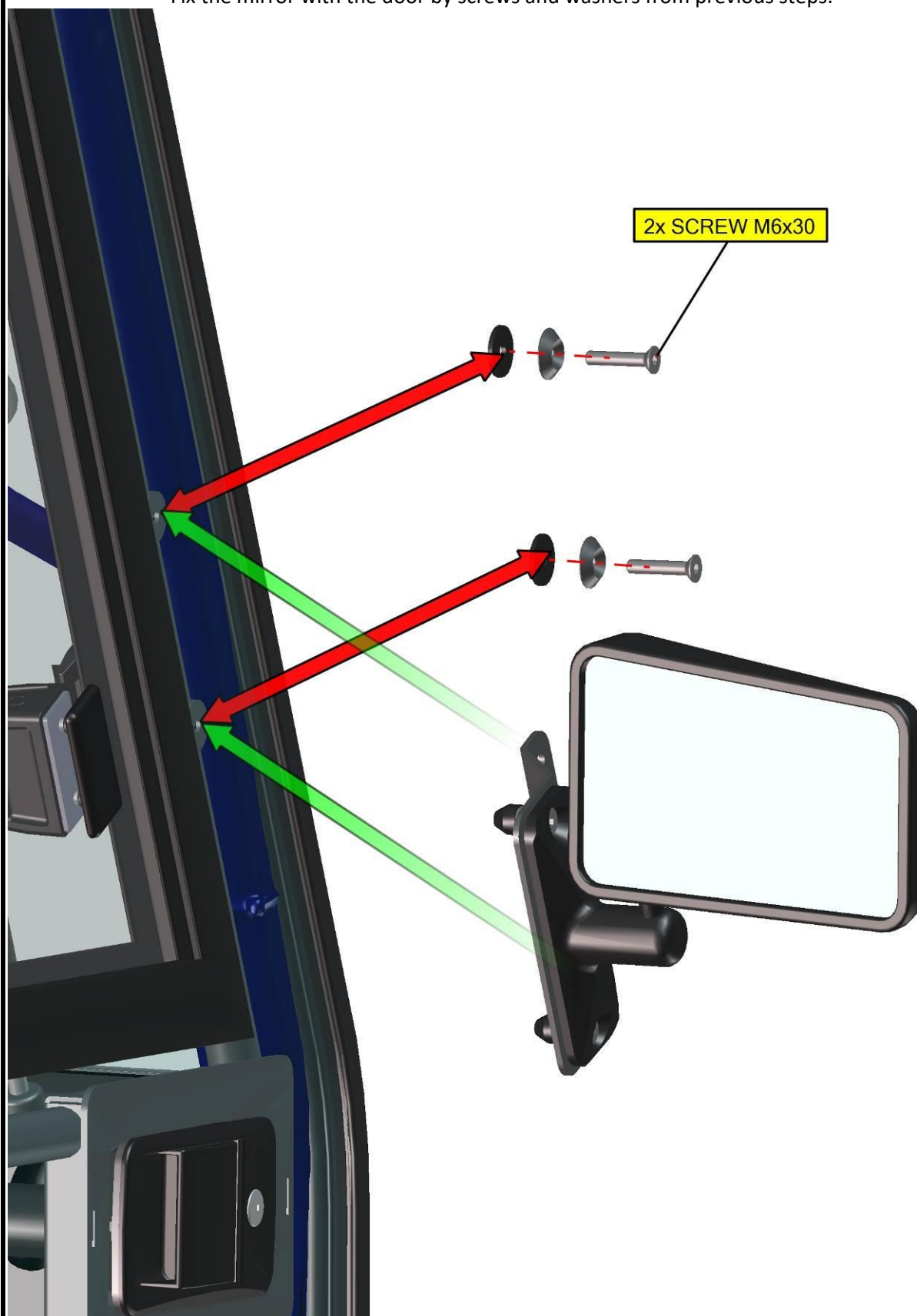
100

Place the mirror onto the mirror holder. Fix the holder with the mirror by screws, washers, nuts and covers.

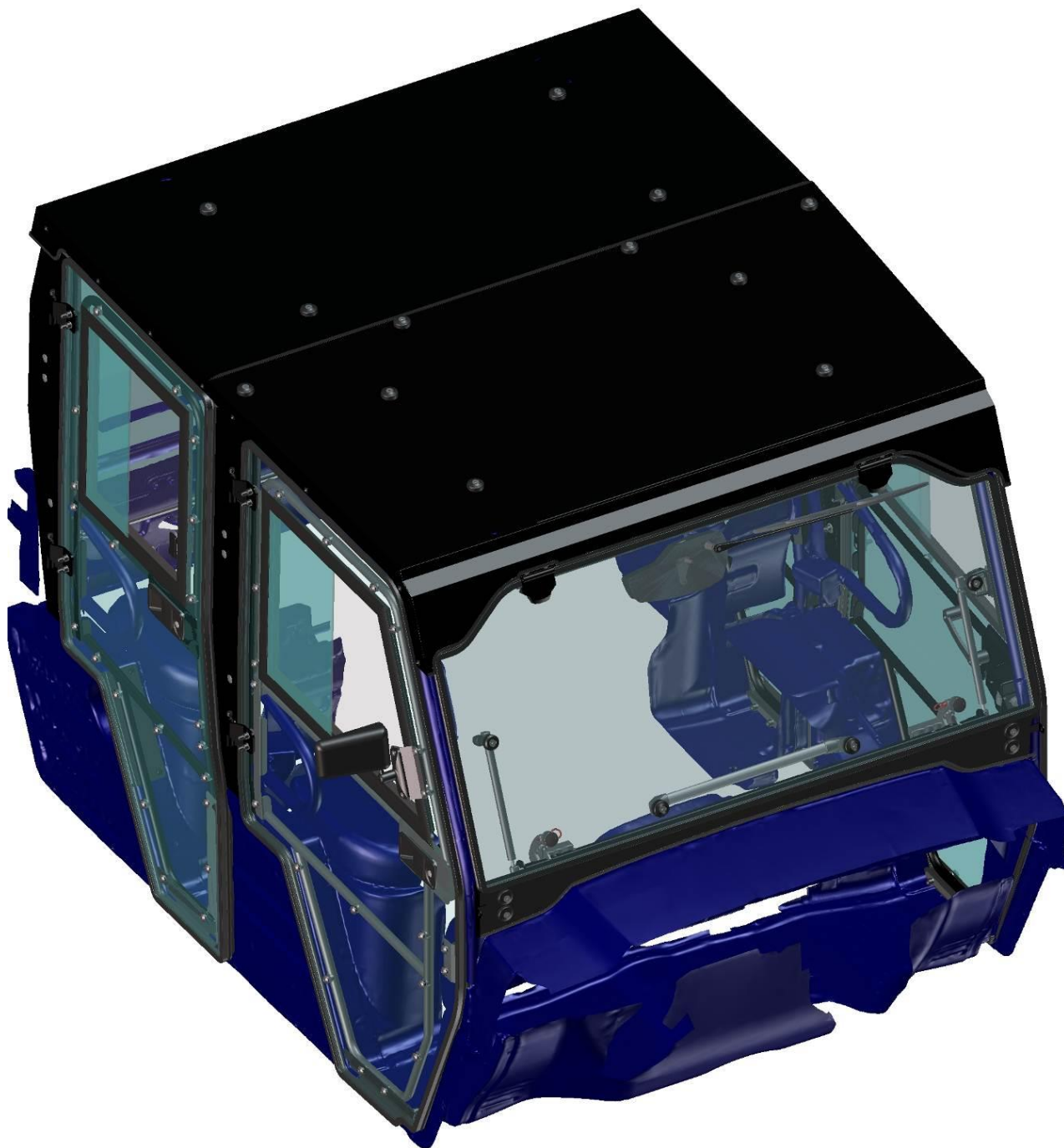


101

Uninstall screws and washers from the door and place the mirror assembly onto the door panel.
Fix the mirror with the door by screws and washers from previous steps.



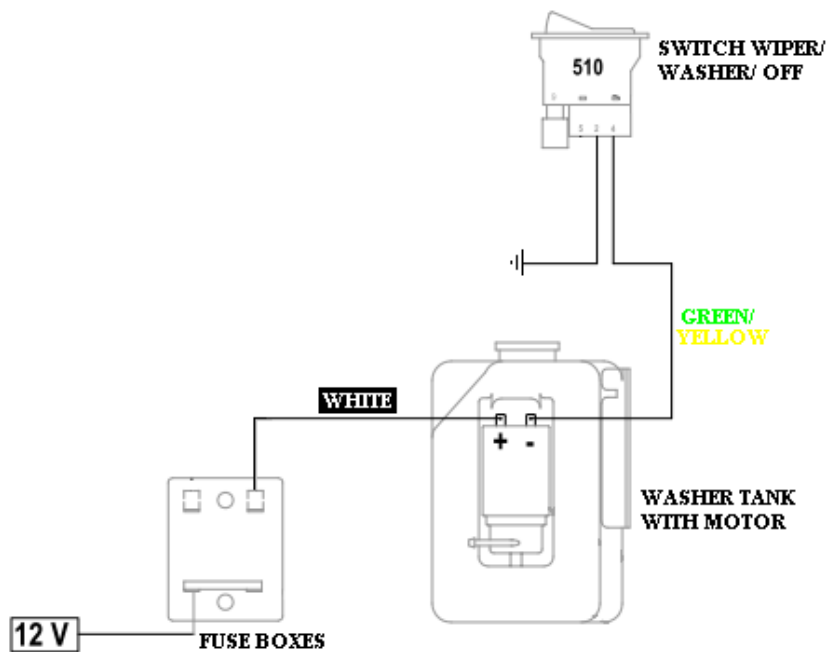
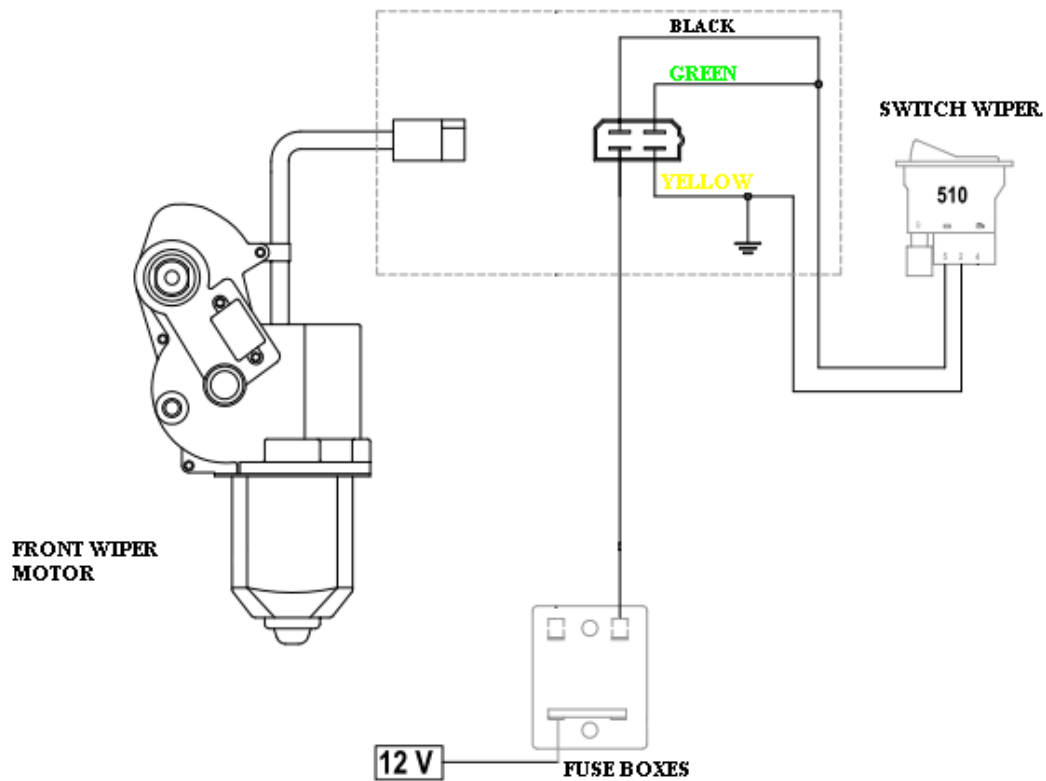
Repeat previous steps with the left doors and left parts.



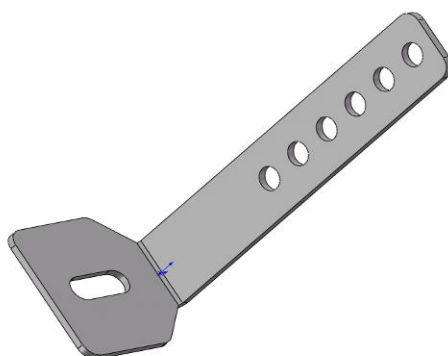
103

ELECTROINSTALLATION WIPER/WASHER

Overall wiring diagram



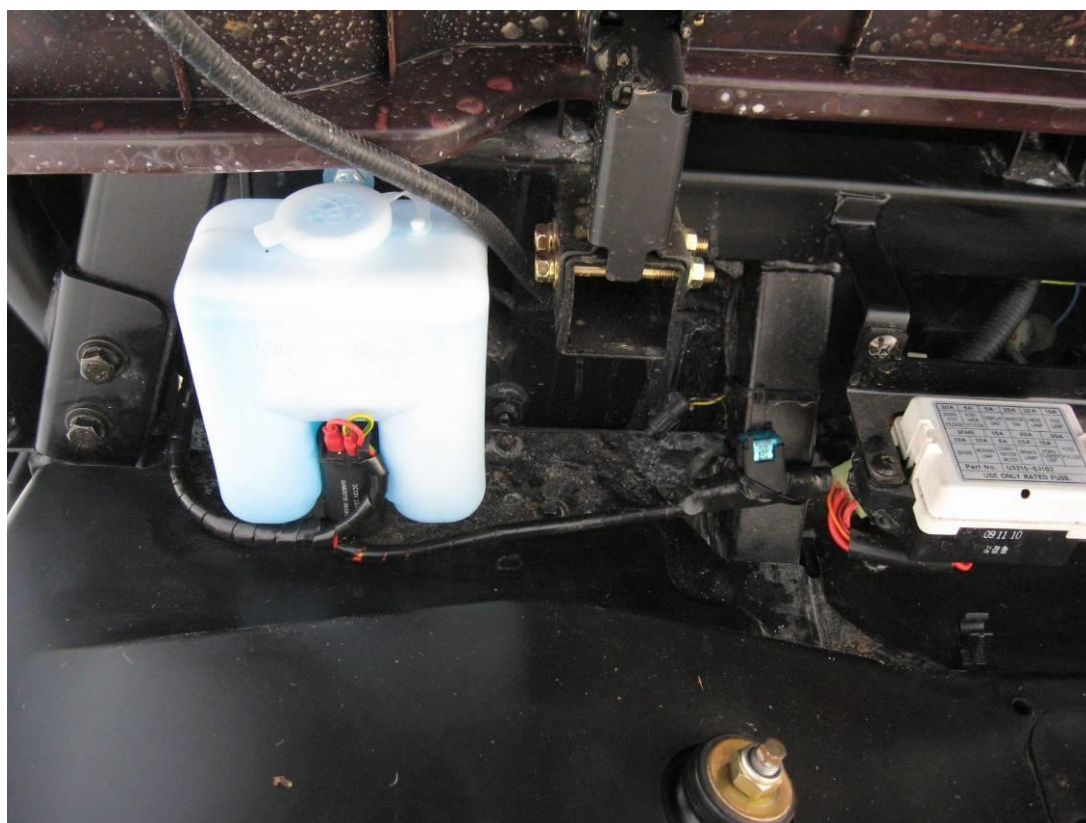
Accessories for mounting the washer tank.



Washer tank placed in front of the cart through the bracket bolt to the truck frame.



Detail view.



View from side



Uninstall the dashboard panel from the dashboard (for wiring the switch).

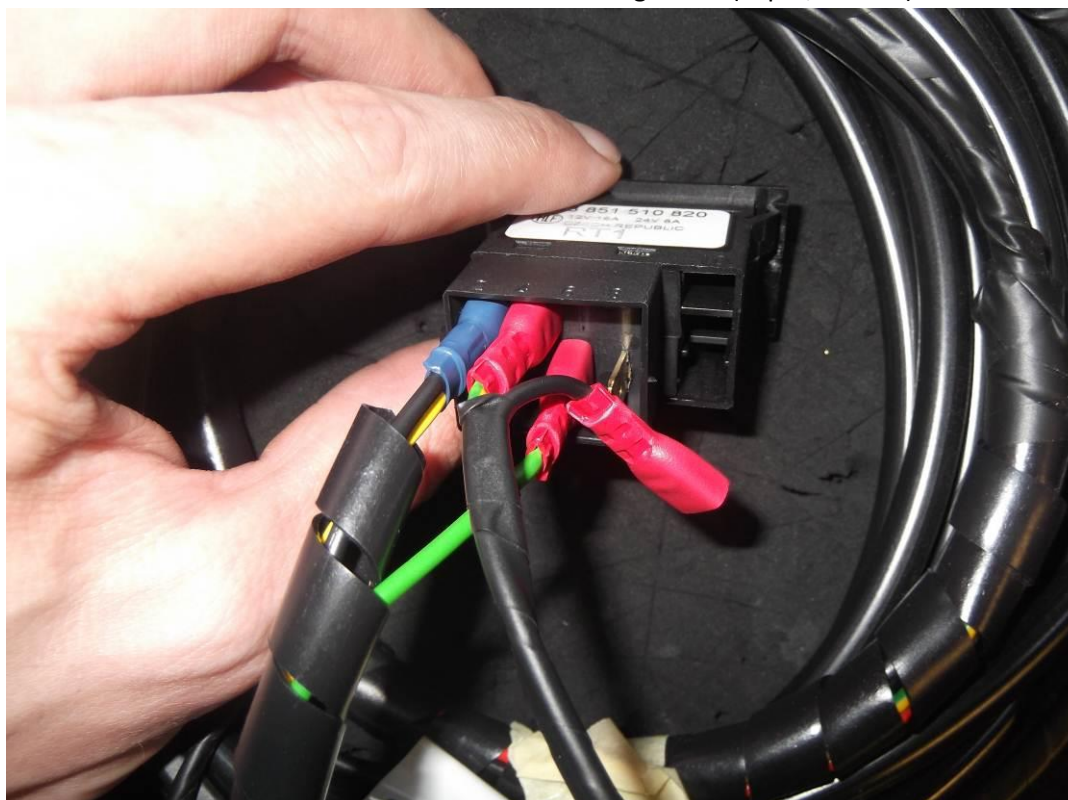


107

Stretch the harness from the front of the cart into the dashboard to switches position.



Connection terminal for electrical wiring switch(wiper/washer).



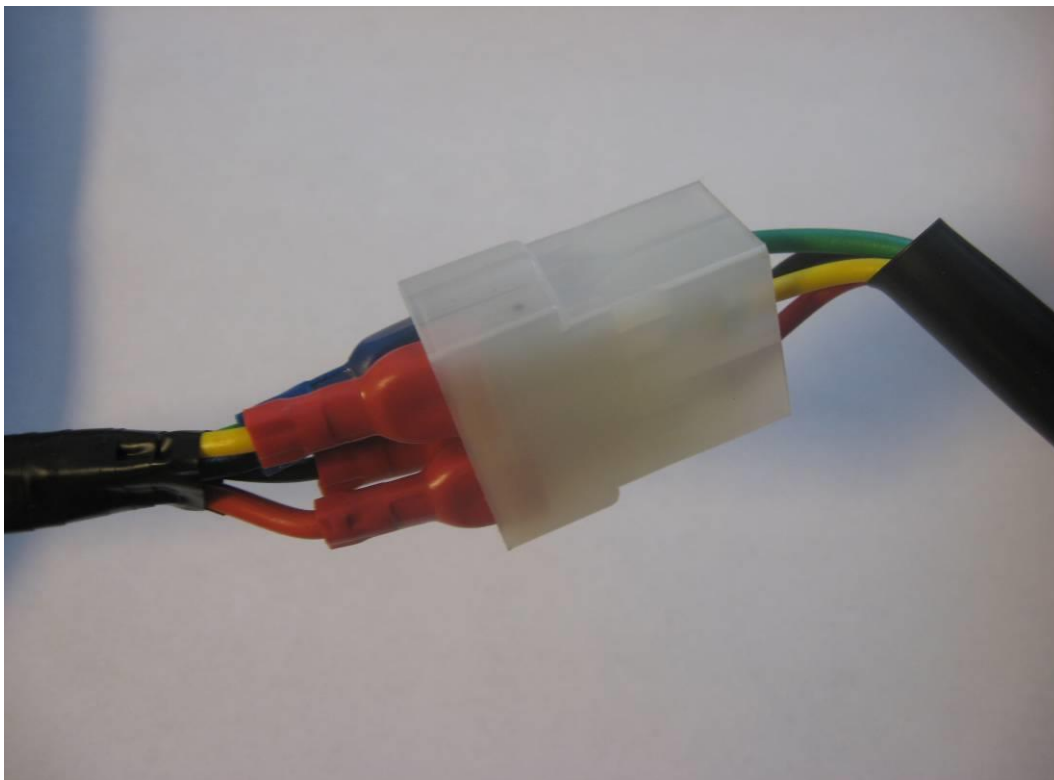
Stretching harness the dashboard to the right front upright frame. Place a grommet for electrical wiring according to the photograph.



Pulling electrical wiring in the right front pillar up to the top position with the wiper motor cover. Place the washer hose and harness on the correct position and fix it to the roller cage by the strapping tapes.



Allow the screw in the wiper motor cover and take the cover out.
Connect the harness branch no.: 4 with the wiper motor. (Detail of connection)



Stretch the washer hose through the hole in front glass and connect that with washer hose on the wiper arm by washer tube. **Fill the water to the washer tank before starting usage.**

Connect the last harness with the main electrical distribution through a fuse box and then through the ignition box of truck.

110