



A DFK AMERICA COMPANY

INSTALLATION INSTRUCTIONS

ARCTIC CAT

PROWLER 700/1000i XTZ



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.

***Never drive your UTV with the cab front window in open position.
Failure of improperly latched/locked 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 cabin, 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.

Please be careful to not break the plastic washers, if you tightening screws with plastic washers use maximal power 3,7 foot-pound force (5Nm)!!!

PREPARATION FOR INSTALLATION:

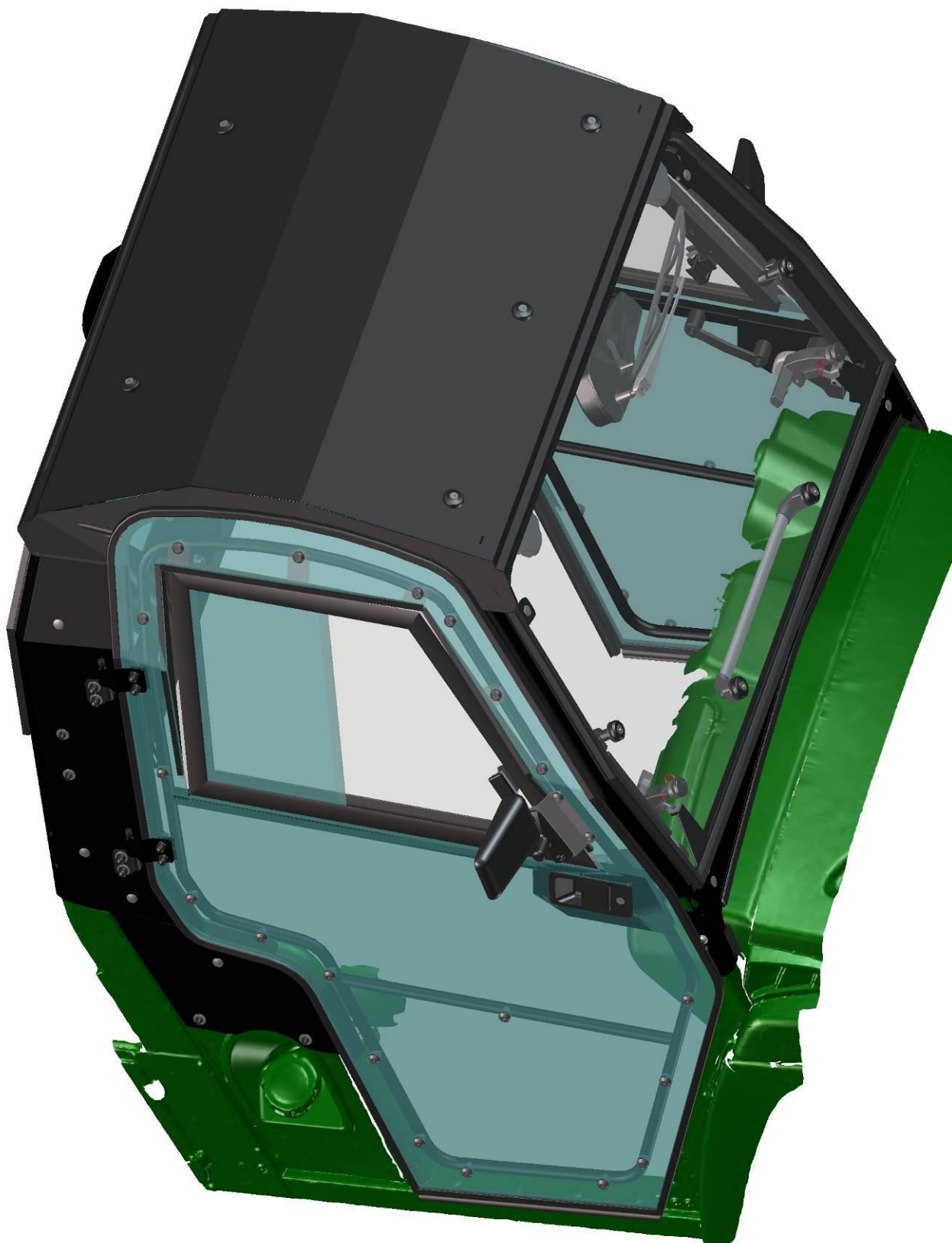
Uninstall all additional systems from the roller cages (safety nets, work lights, rear mirrors, etc.)

Uninstall the seats assembly from the UTV's and save for later usage.



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CAB PREVIEW



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ELECTROINSTALLATION WIPER/WASHER 1.

Accessories for mounting the washer tank.

Washer harness



Wiper harness



Washer tube



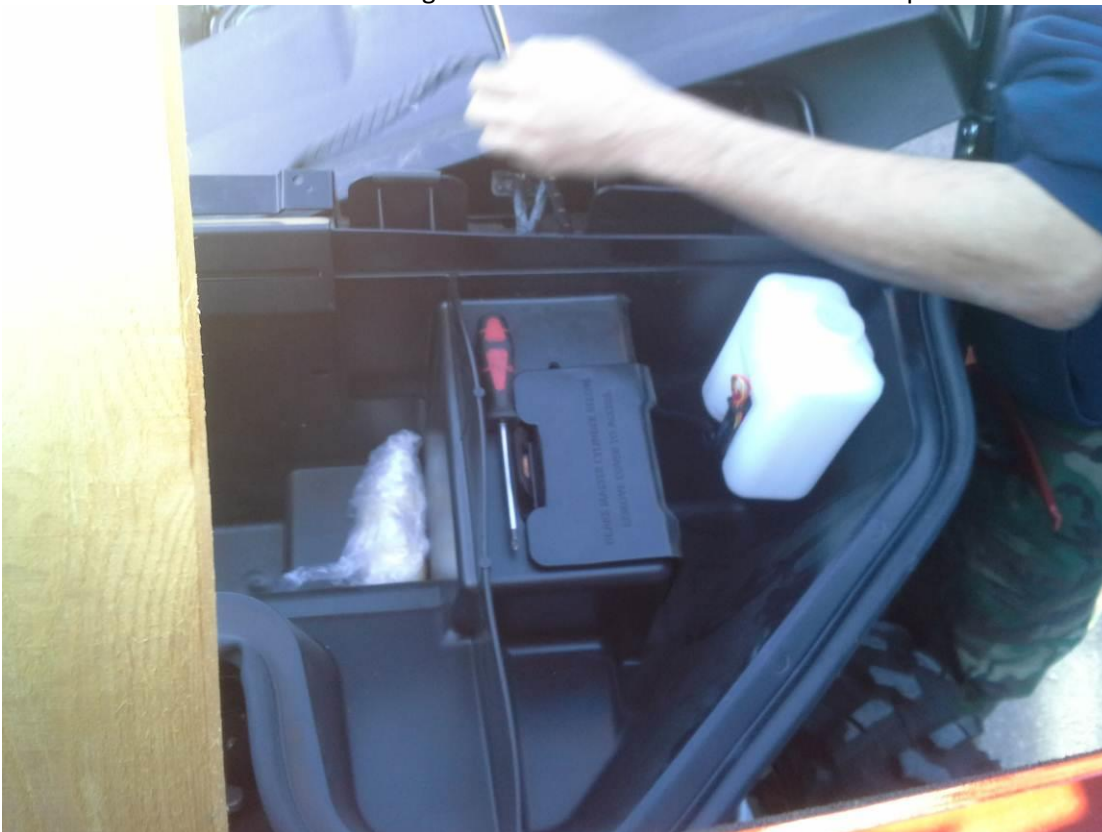
Wiper/washer switch



Uninstall the dashboard's screws and move out the dashboard.



The washer tank is designed for installation into the front case space.



Drill hole $\varnothing 8\text{mm}$ (0,33-0,38in) into the plastic wall and install the washer tank holder "Ω" by included screw, washers and nut.



Drill hole $\varnothing 16\text{mm}$ (0,66-0,7in) into the case plastic bottom.



Run the harness branch no.:1 trough the original hole near the original harness.



Stretch the harness branch through the hole from previous page.



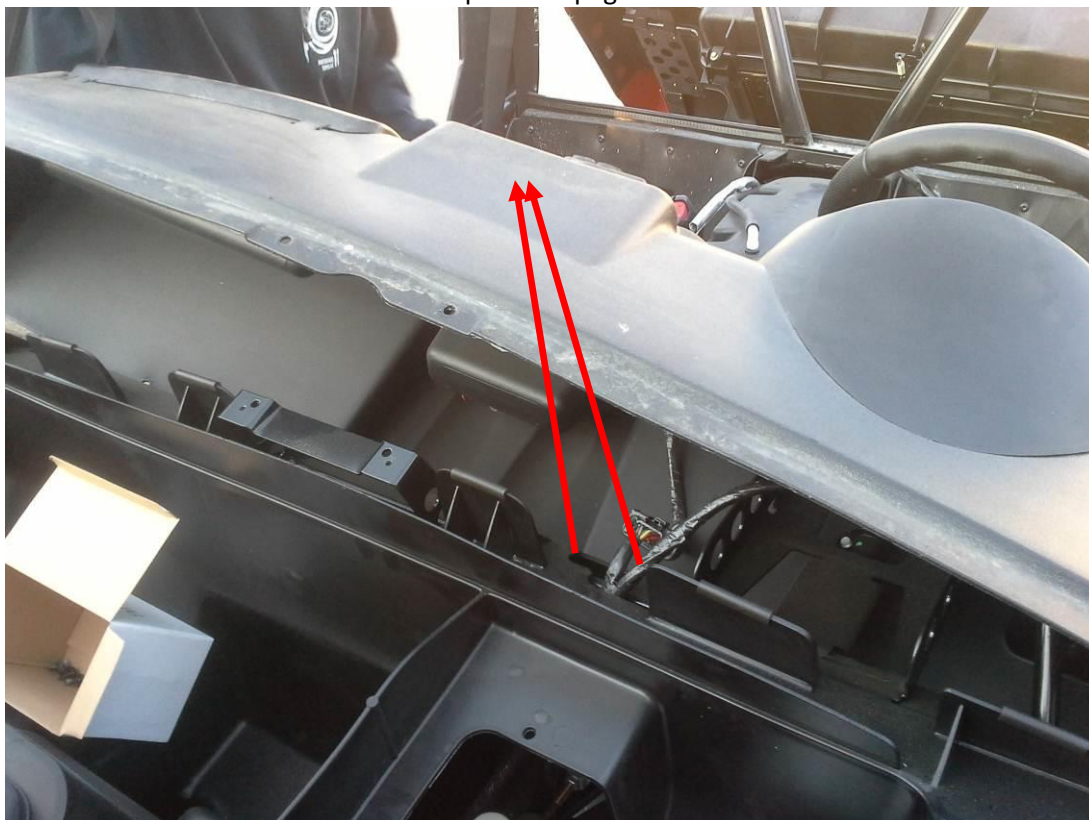
Connect the harness branch no.:1 with the washer motor. Insert the washer tank onto the washer tank holder.



Cut the rectangle hole 22,1x44,1mm for switch into the dashboard near the original switches.



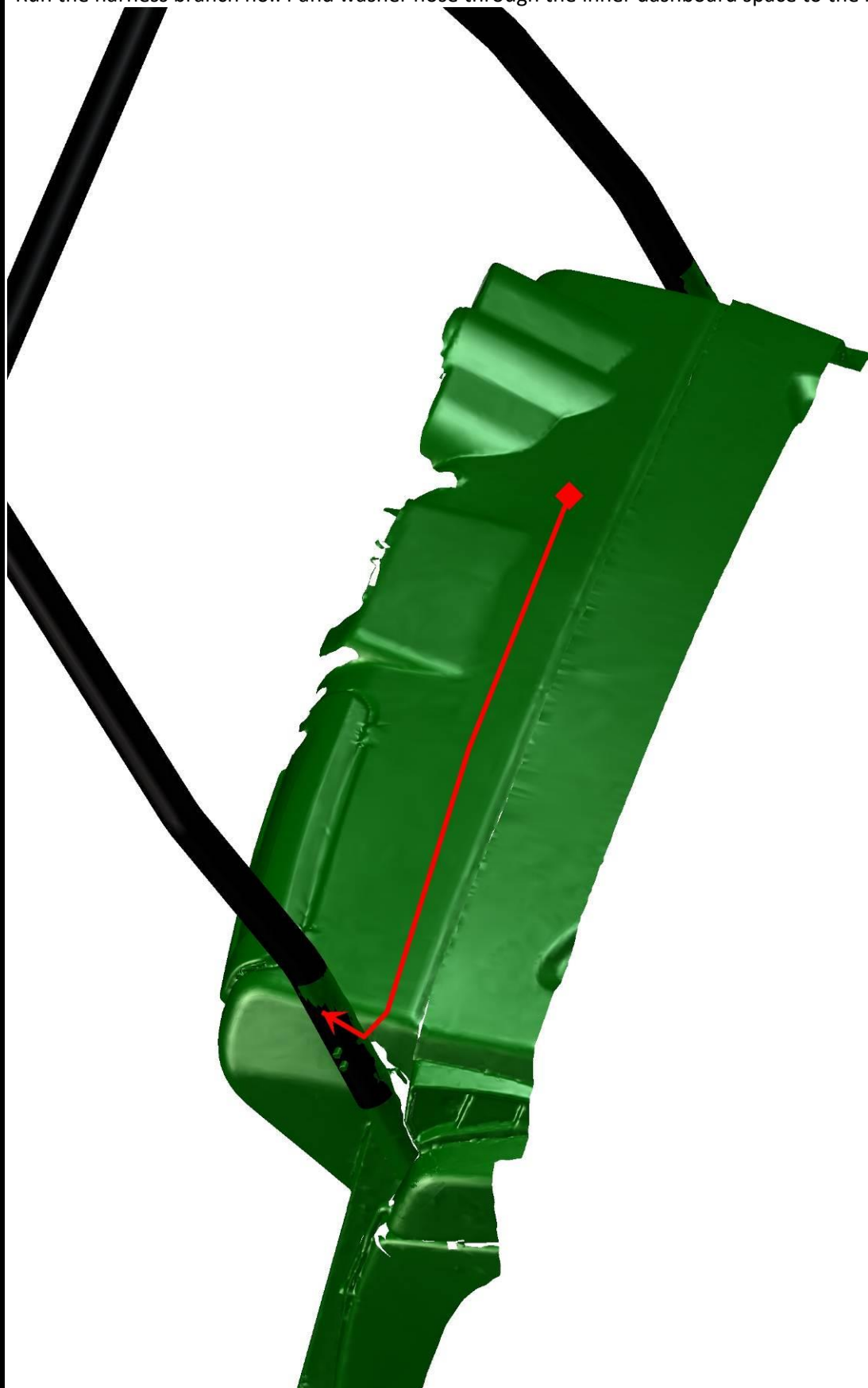
Insert wiper harness into the dashboard and run the harness branches no.:2 to the rectangle hole from previous page.



Stretch the harness branches through the hole and connect these with the switch.



Run the harness branch no.:4 and washer hose through the inner dashboard space to the right roller cage.



If you have some original gapes around roller cage, stretch the harness branch no.:4 with washer hose through this original gape. If you don't have original gape, drill hole $\varnothing 16\text{mm}$ (0,66-0,7in). Stretch the harness branch no.:4 with washer hose through the drilled hole.



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ELECTROINSTALLATION HEATER

Parts needed (included)

Heater with holder



el. valve



Air vent valve



air hose



air vent



"Y" coupling



el.valve switch



heater switch



Heater harness



heater hose



Al tape



Tightening strap small



tightening strap large



The heater assembly is designed for installation into the front dashboard case space.



Drill 2 holes Ø25mm (1in) into the case bottom plastic wall.



Place the heater with the holder onto position and make 4 circle marks.



Cut 4 holes $\varnothing 50\text{mm}$ (2in) into the inner plastic wall of the front dashboard case. SEE NEXT PICTURES



VIEW ONTO MOUNTED HEATER ASSEMBLY



DETAIL VIEW ONTO THE HOLES Ø50mm (2in)



Cut 2 hole Ø76mm (3in) into the front dashboard.

Be very carefull to not broken any electification under the dashboard.



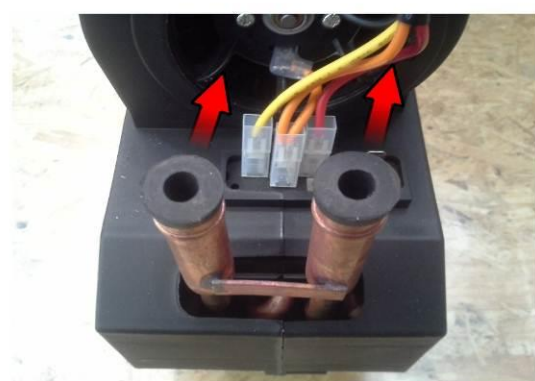
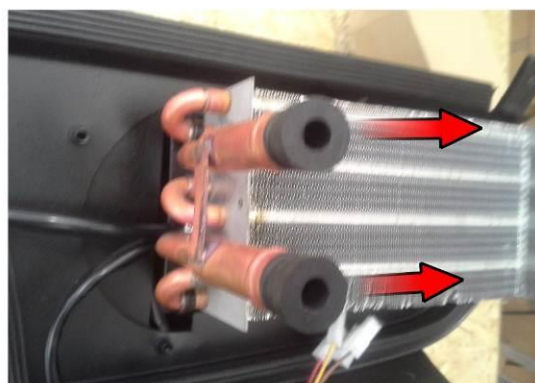
Cut 1 hole Ø76mm (3in) into the front dashboard corners. DRIVER SIDE



Cut 1 hole Ø76mm (3in) into the front dashboard corners. PASSENGER SIDE



IT IS ABSOLUTELY NECESSARY TO TAKE OUT THE RUBBER PLUGS FROM THE HEATER TUBES!!!



Cut the heater hose to 2 same pieces. Cut from 1 hose the 65mm (2,5in) long piece. Install the hoses into the heater tubes. Fix hoses with the heater tubes by tightening straps and tighten these straps very hard. Install el. valve into the short hose in same orientation like in picture. Tighten straps very hard.



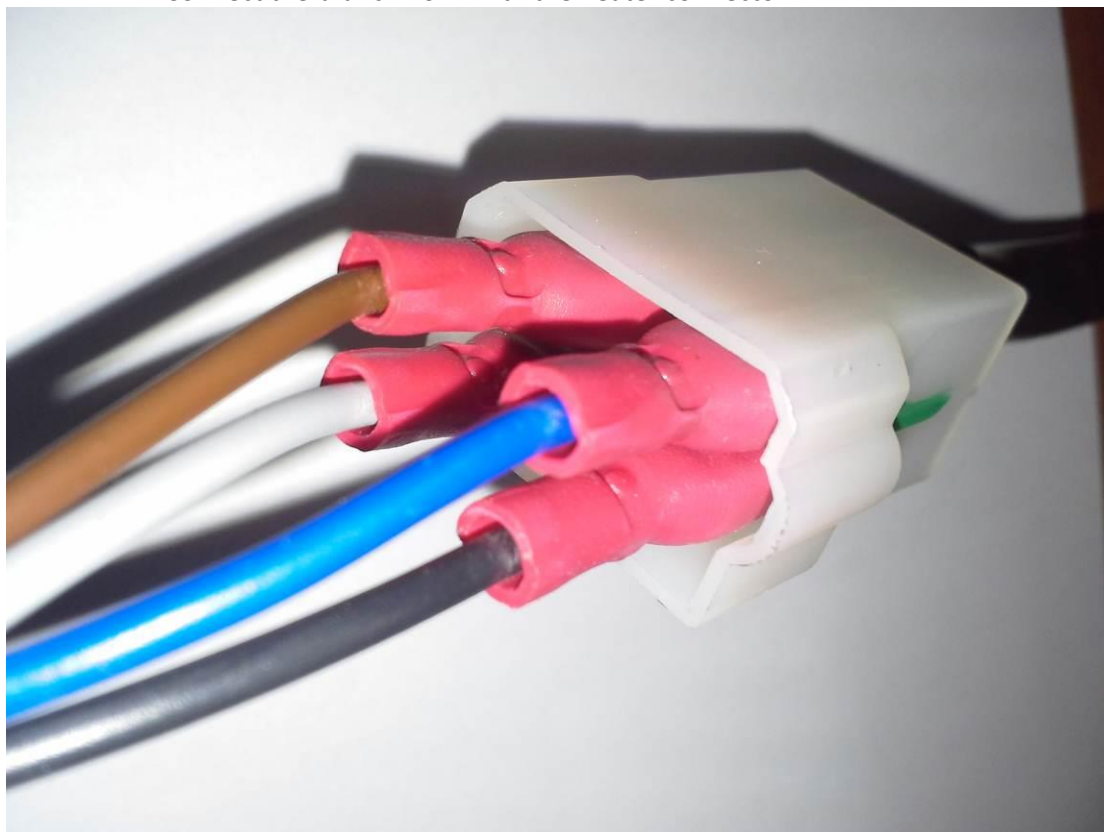
Install the last heater hose into the el. valve and tighten strap very hard.
Drill hole Ø16mm (0,66in) through the plastic wall.



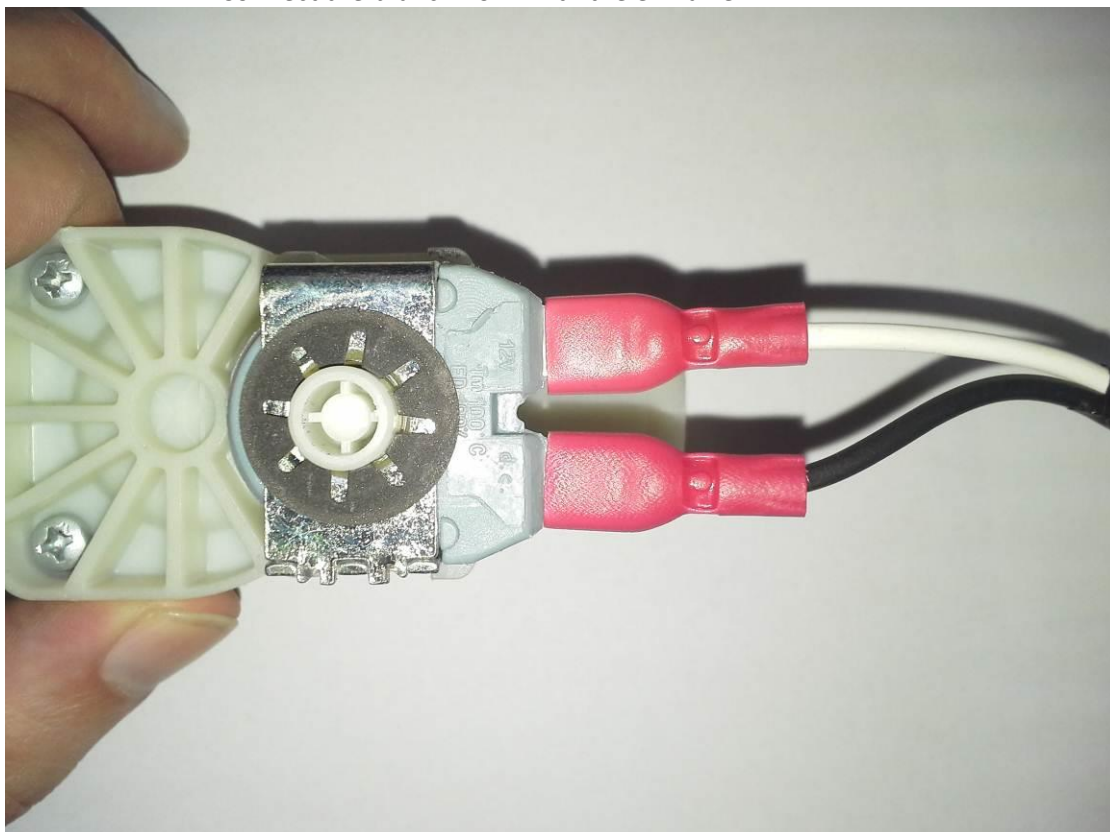
Place the heater harness under the dashboard and stretch the branches no.:1 and 2 through the holes.



Connect the branch no.:1 with the heater connector. DETAIL VIEW



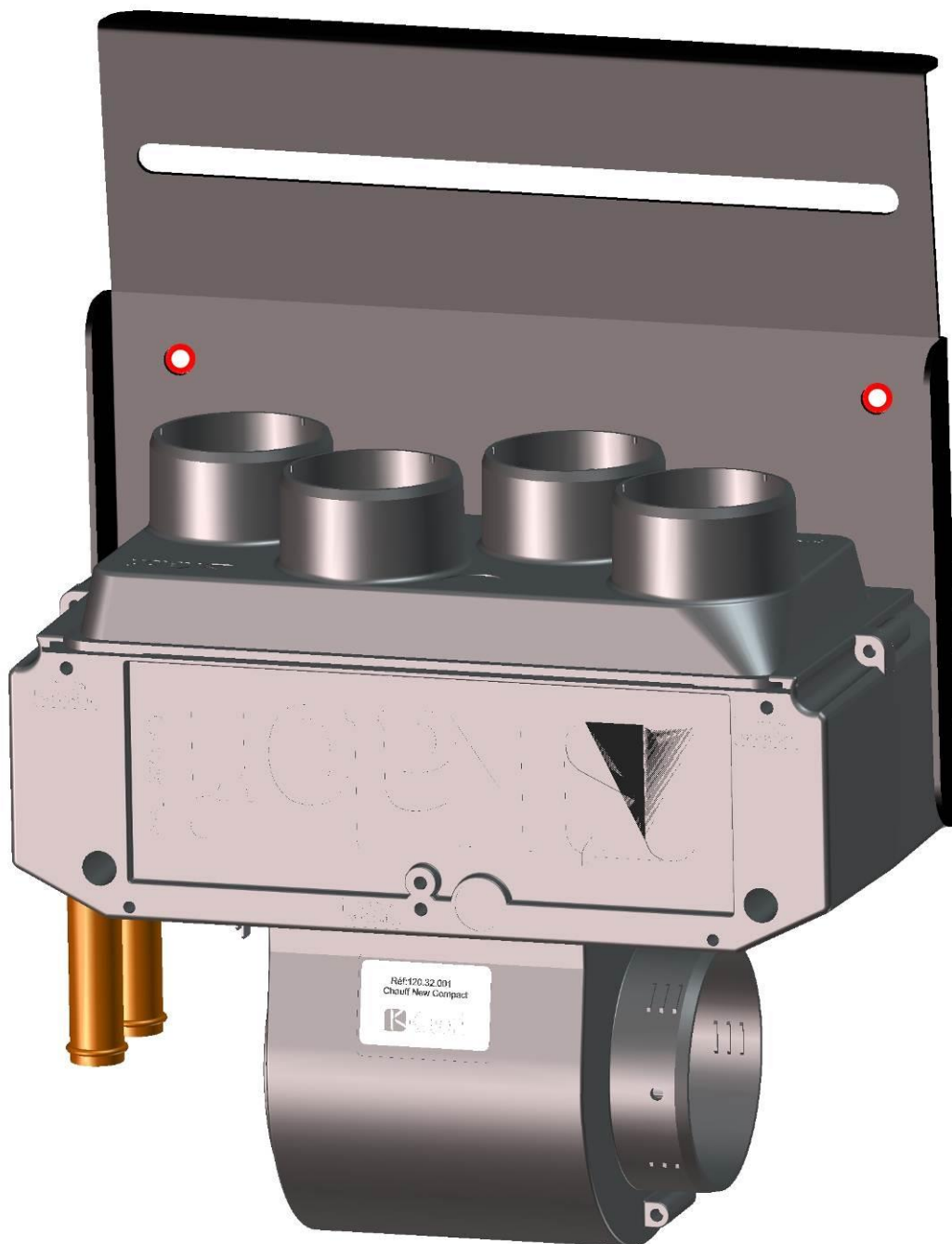
Connect the branch no.:2 with the el. Valve. DETAIL VIEW



Stretch the heater hoses into the drilled holes and place the heater with the holder to correct position.

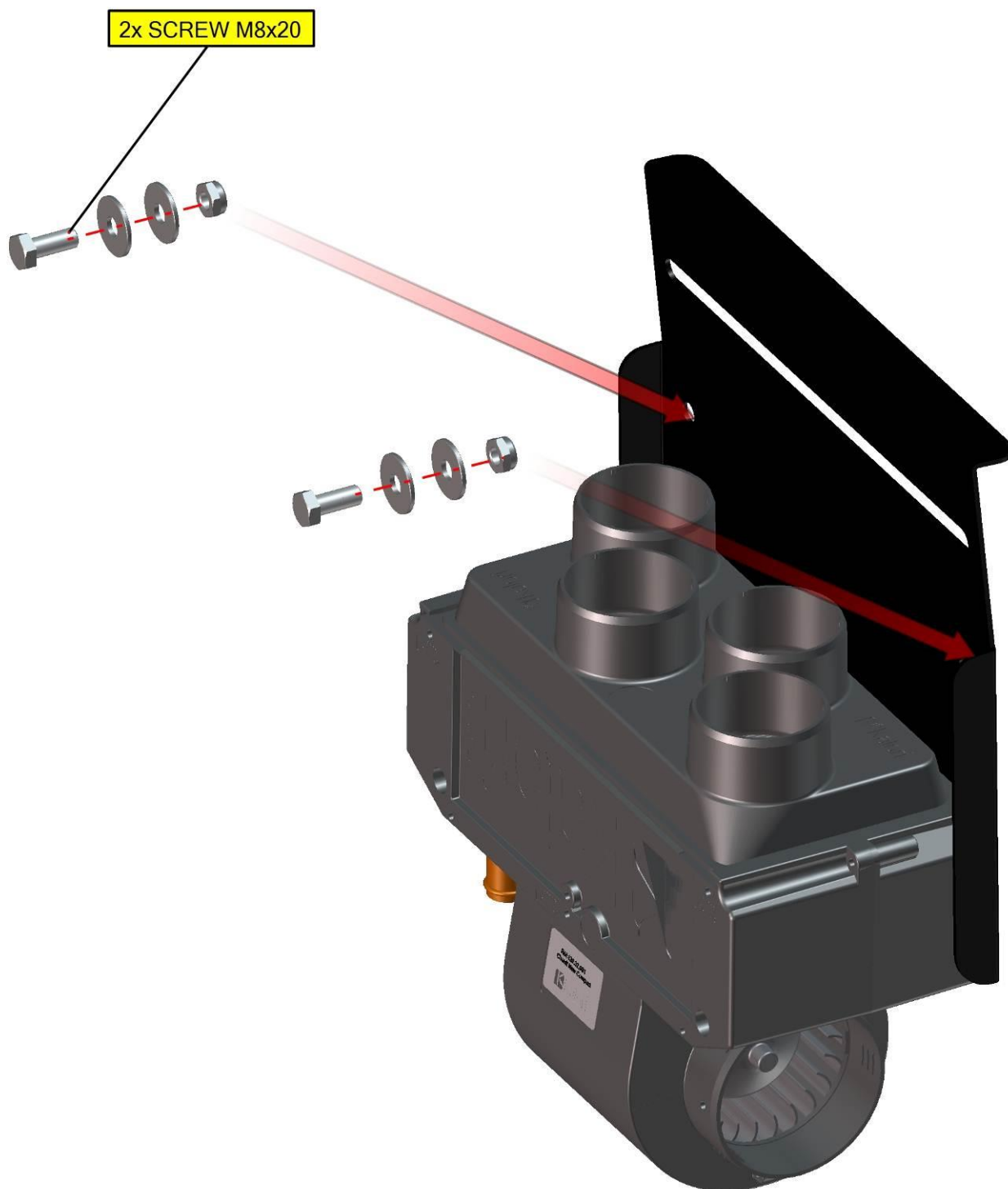


Place the heater holder onto the plastic wall and make marks onto the wall in accordance with the holder's holes. Drill hole $\varnothing 9\text{mm}$ into the marks centers.



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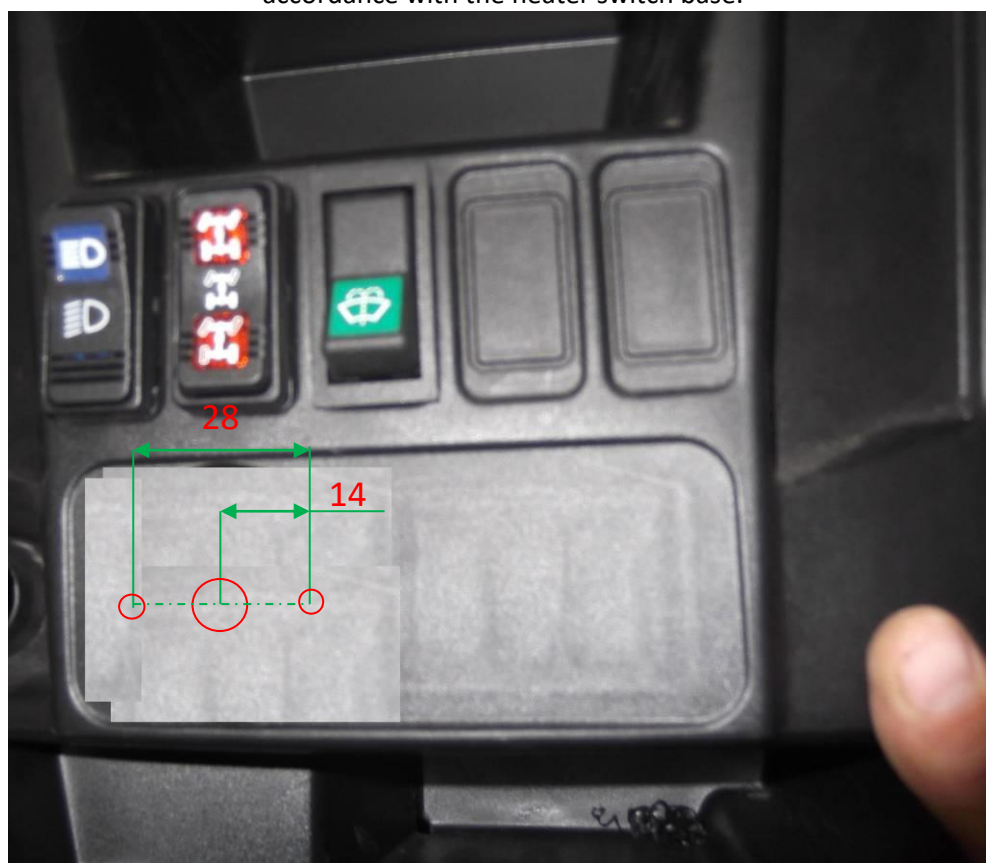
Place the holder back to wall and fix the holder with the wall by screws, washers and nuts.



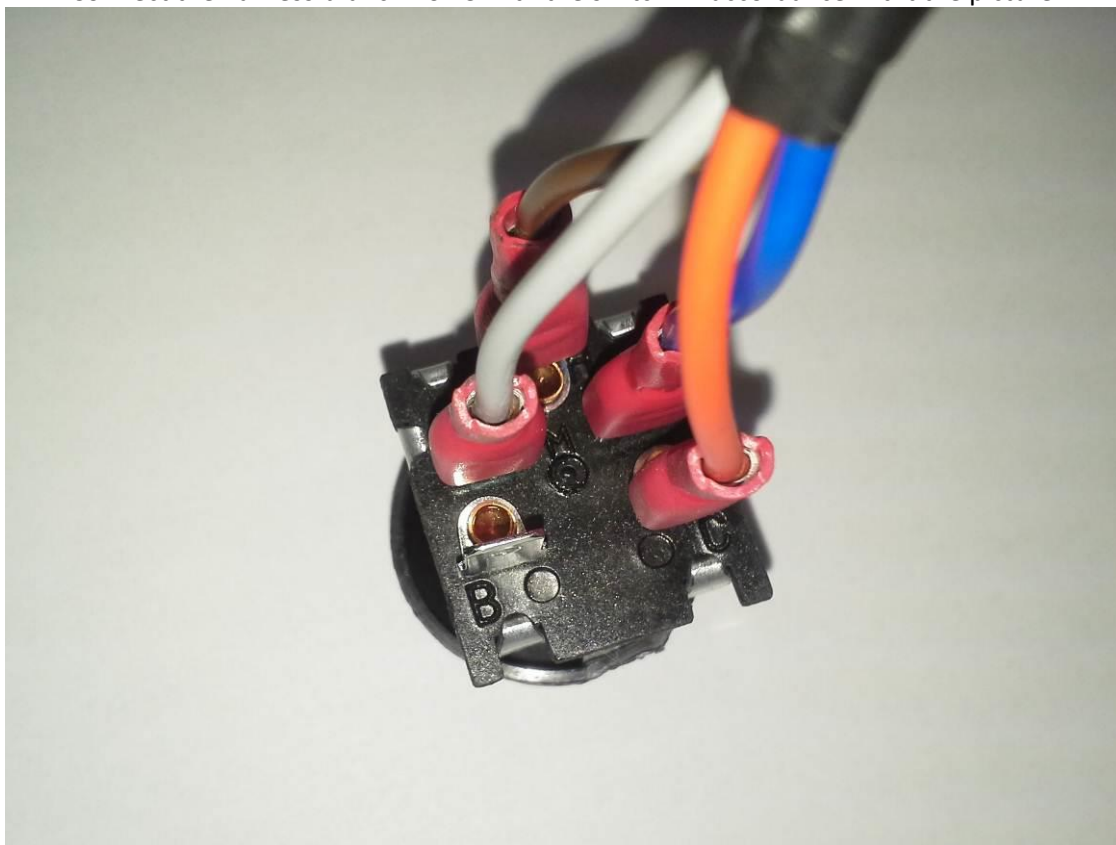
Run the harness branches No.: 3 and 4 to the dashboard near the original switches.



Drill 1 hole $\varnothing$ 11,5-14mm (0,45-0,55 in) and 2 holes $\varnothing$ 2,5-4 mm (0,1- 0,16 in) into the dashboard in accordance with the heater switch base.



Connect the harness branch no.: 3 with the switch in accordance with the picture.



Drill hole $\varnothing$ 21 mm (red circle) for el. valve switch.



Connect the harness brach no.: 4 with the switch and install both switches into the holes.



Connected switches.



Insert the heater air hoses into the heater and run hoses to the holes in dashboard.



Fix the hoses with the heater by AL tapes.

Stretch the air hoses through the holes in the dashboard and connect the hoses with the air vents.

Fix the hoses with the air vents by AL types and insert the air vents into the holes in dashboard.

Run the water hoses from the heater space to the cooler in front of the UTV.



Install the "Y" couplings into the original hoses and fix these by tightening straps.



Install the heater hose with the el. valve onto the right "Y" coupling and second heater hose install onto the left "Y" coupling. Fix the hoses with the coupling by tightening straps.



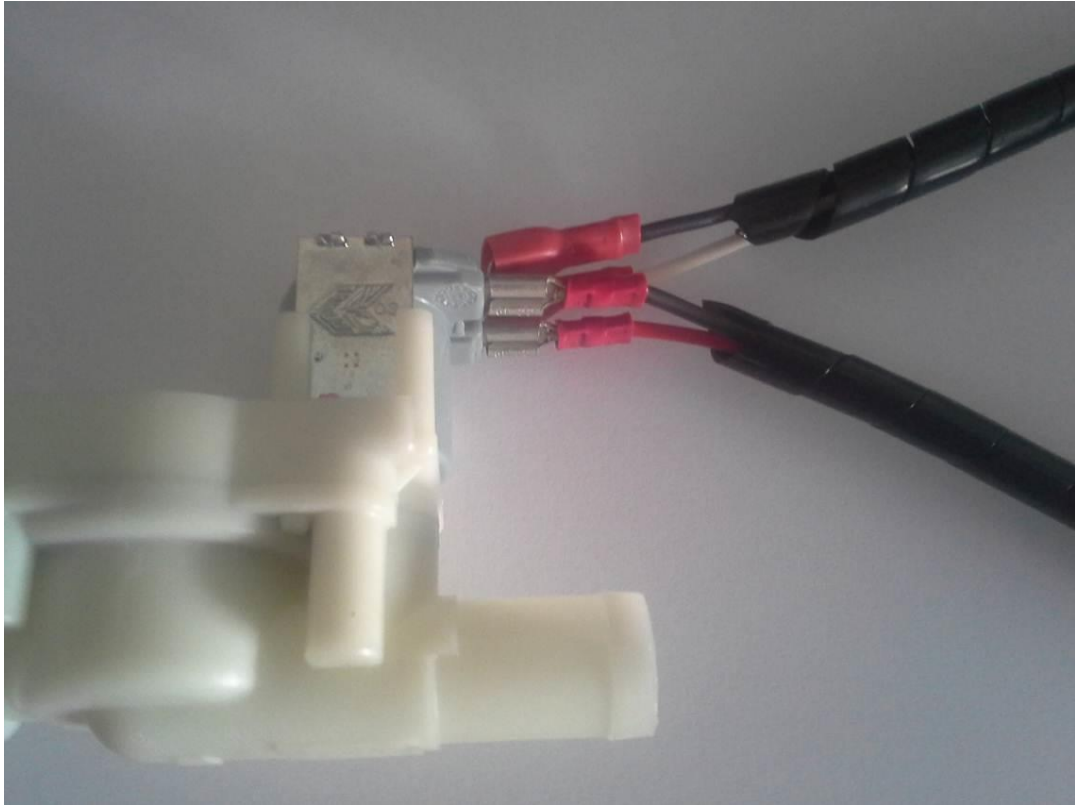
Install the water pump into the hose with the el. valve. Be careful to correct orientation.



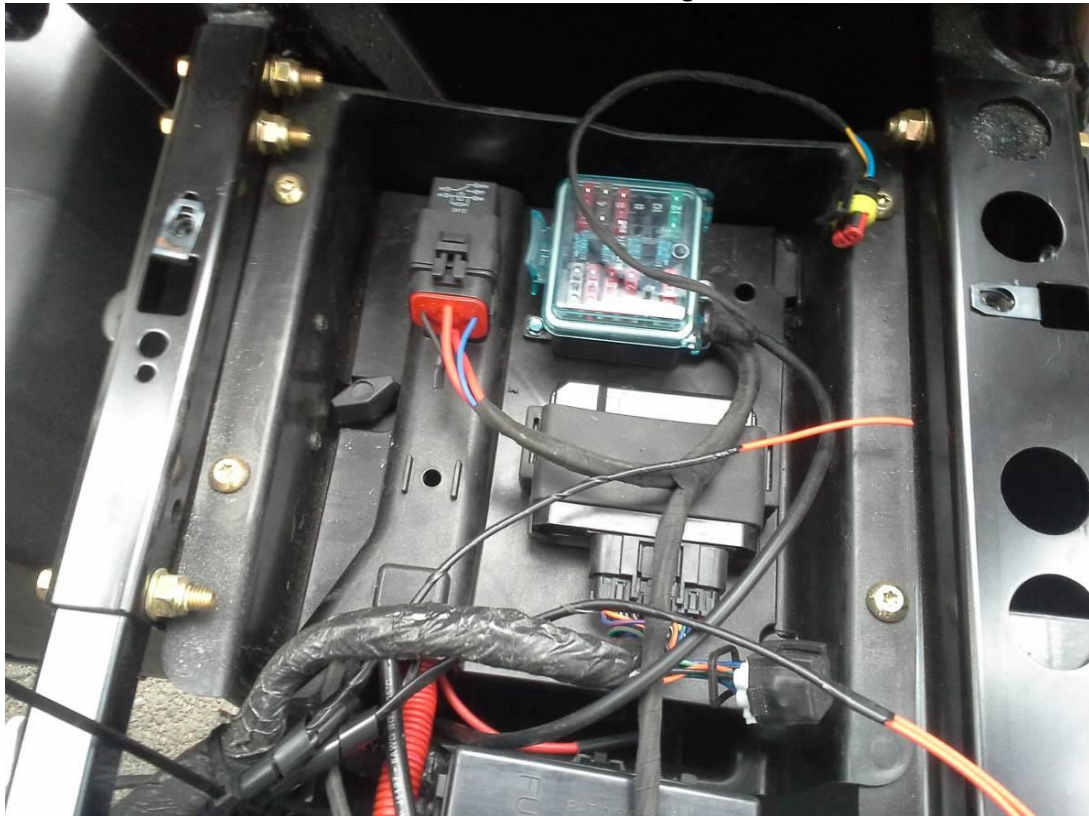
Connect the pump connector with the pump. (Detail of connection)



Run the pump harness from the pump to the el. valve.
Connect the pump harness with the el. valve in accordance with the picture.



Connect the harness branches no.:5 with the original fuse box to free slot.



It is absolutely necessary to bleed the air out of the UTV's engine cooling system. Incomplete bleeding of cooling system can result in engine damage. If you don't have sufficient experience with this process, we strongly recommend professional service technician assistance. We are not responsible for damages when cooling system bled incompletely. Please note that additional heater system will absorb more than 2 liters of coolant fluid.

1. Important: After the heater system installed check the system for leaks.

Turn on the electric vent switch and confirm that the engine is cold.

Start the engine, open bleeding valve and wait until engine warms up.

Important: Always check engine temperature – if it overheats turn off engine.

2. To achieve engine operating temperature depress the accelerator to increase the engine RPM. This will increase the pressure and flow of the water pump forcing more coolant through the heater. After operating temperature reached turn off engine and open it. Trapped air should come out from heater system throughout bleeding valve. Repeat this procedure until heater/cooling system is completely bled out.

The DFK Cab heater, like the heater in a car, generates heat from the vehicle's engine.

In nearly all cases, the heater should generate enough heat from your UTV, side by side, or tractor engine that you may need to turn the heater off periodically otherwise the air in the cabin may be too hot.

It is important to check the coolant level regularly at least 4-5 times during the first several days of operation and fill as necessary until the coolant level has stabilized.

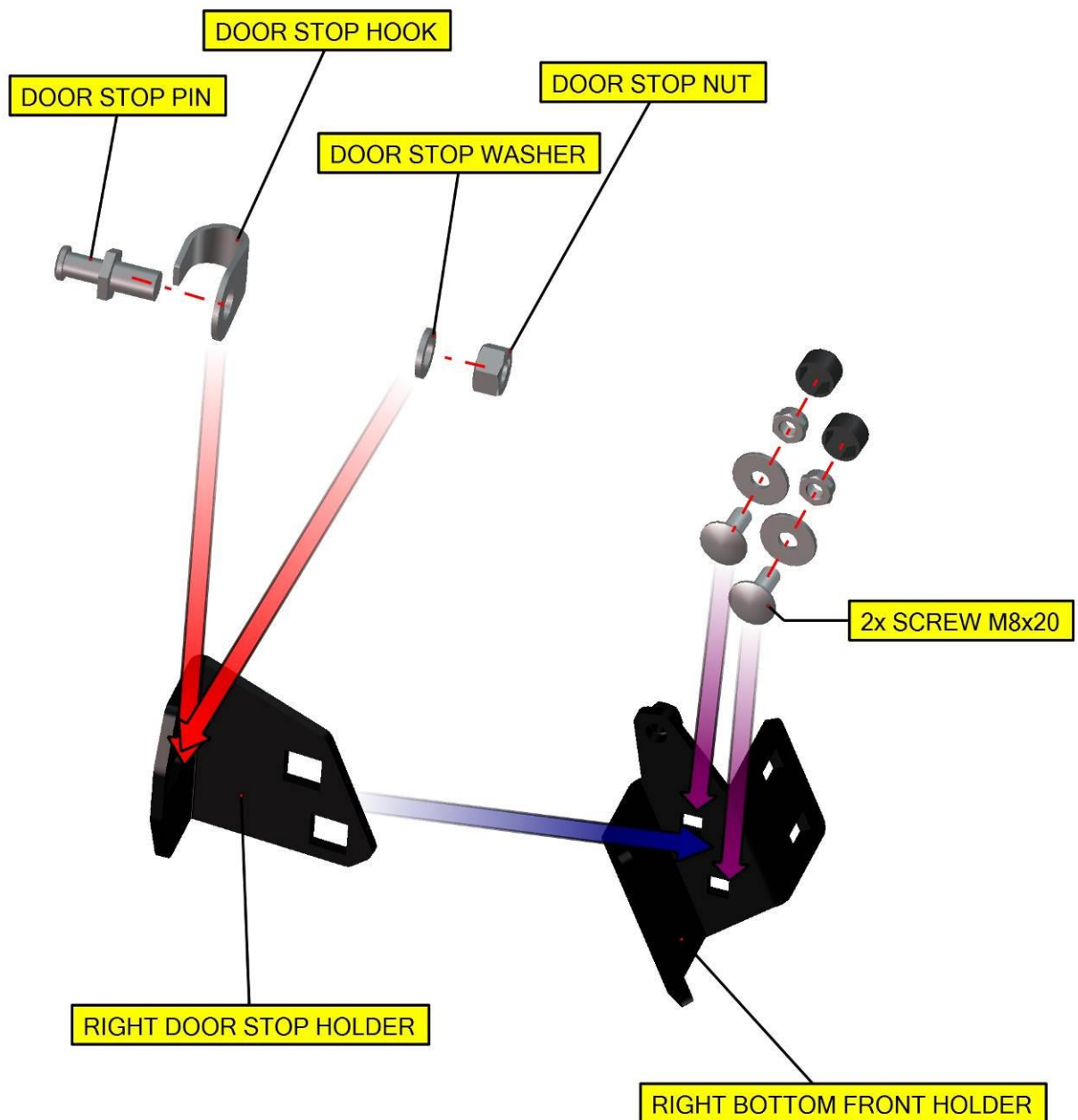
The heater will draw and retain coolant, sometimes at the expense of coolant to the engine. This can cause engine overheating if not managed properly.

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 bottom front holder (left or right).

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

***Use the RIGHT door stop holder and RIGHT front 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!***



Repeat previous steps with the left parts and assemblies.

Uninstall the upper original screws from the front bottom roller cage on both sides. SEE NEXT PAGE



DETAIL VIEW



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Place the front bottom ledge onto the roller cage and onto the front dashboard.

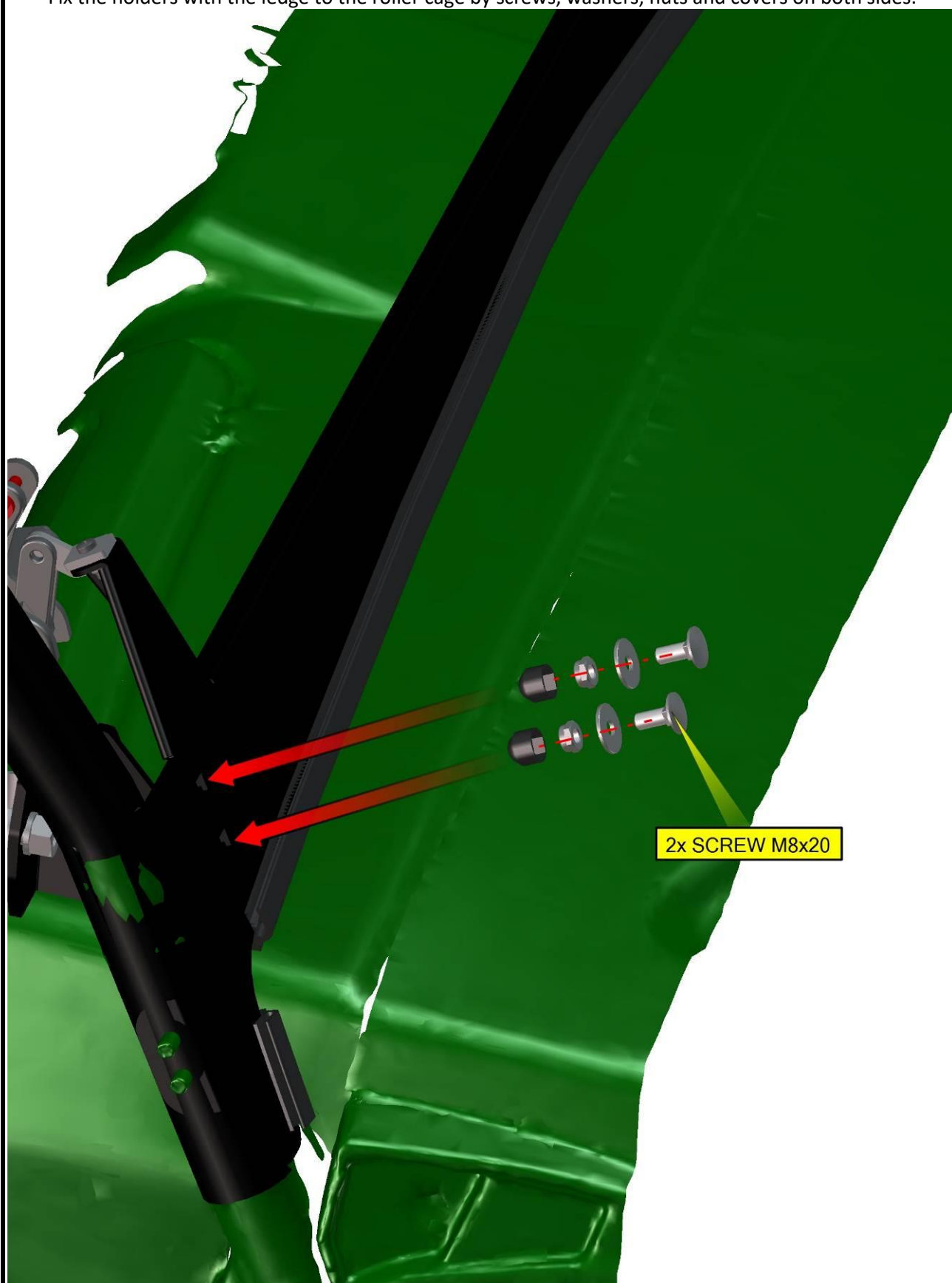


Place the hoder assemblies onto the bottom ledge and onto the roller cage on both sides.



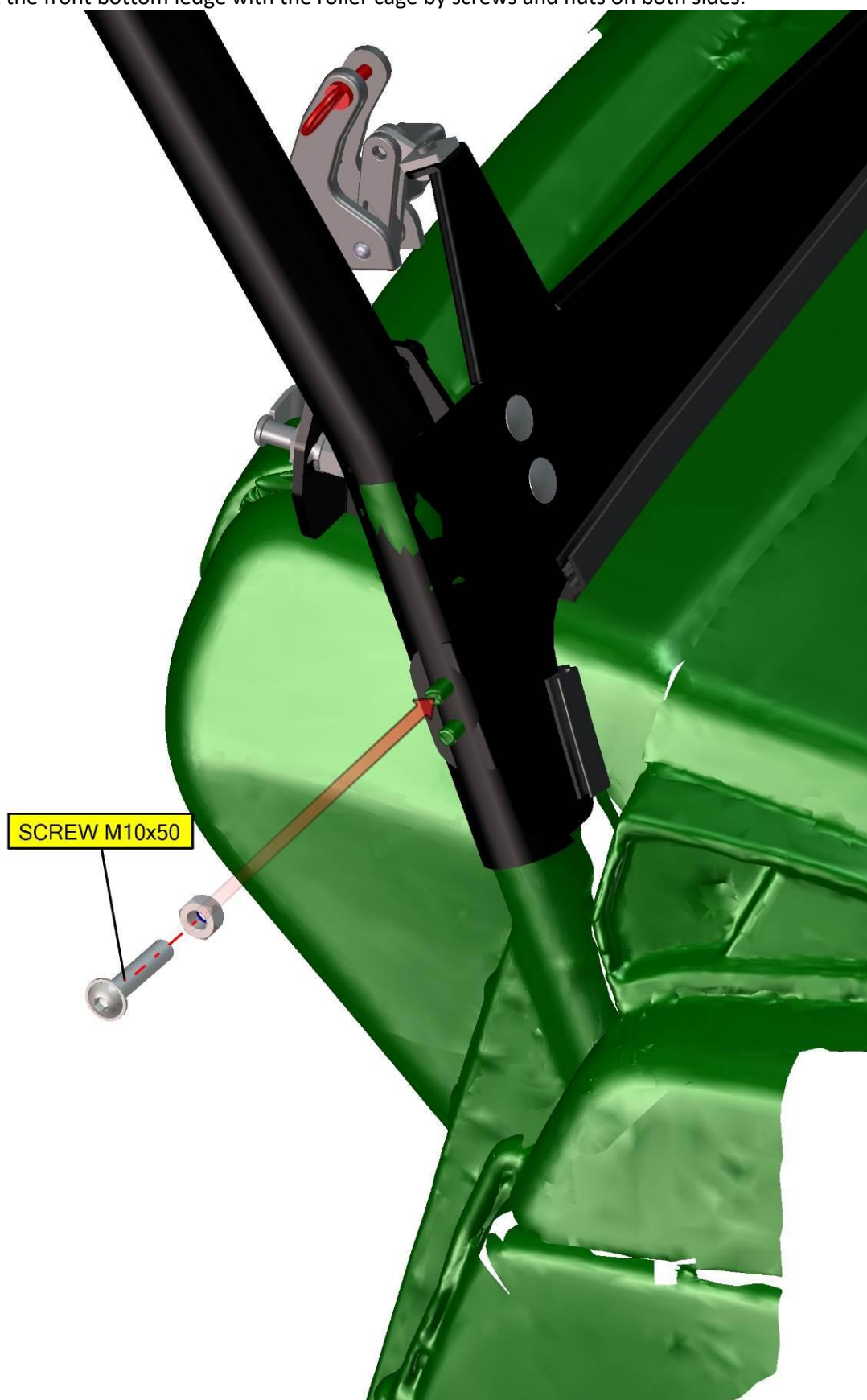
37

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



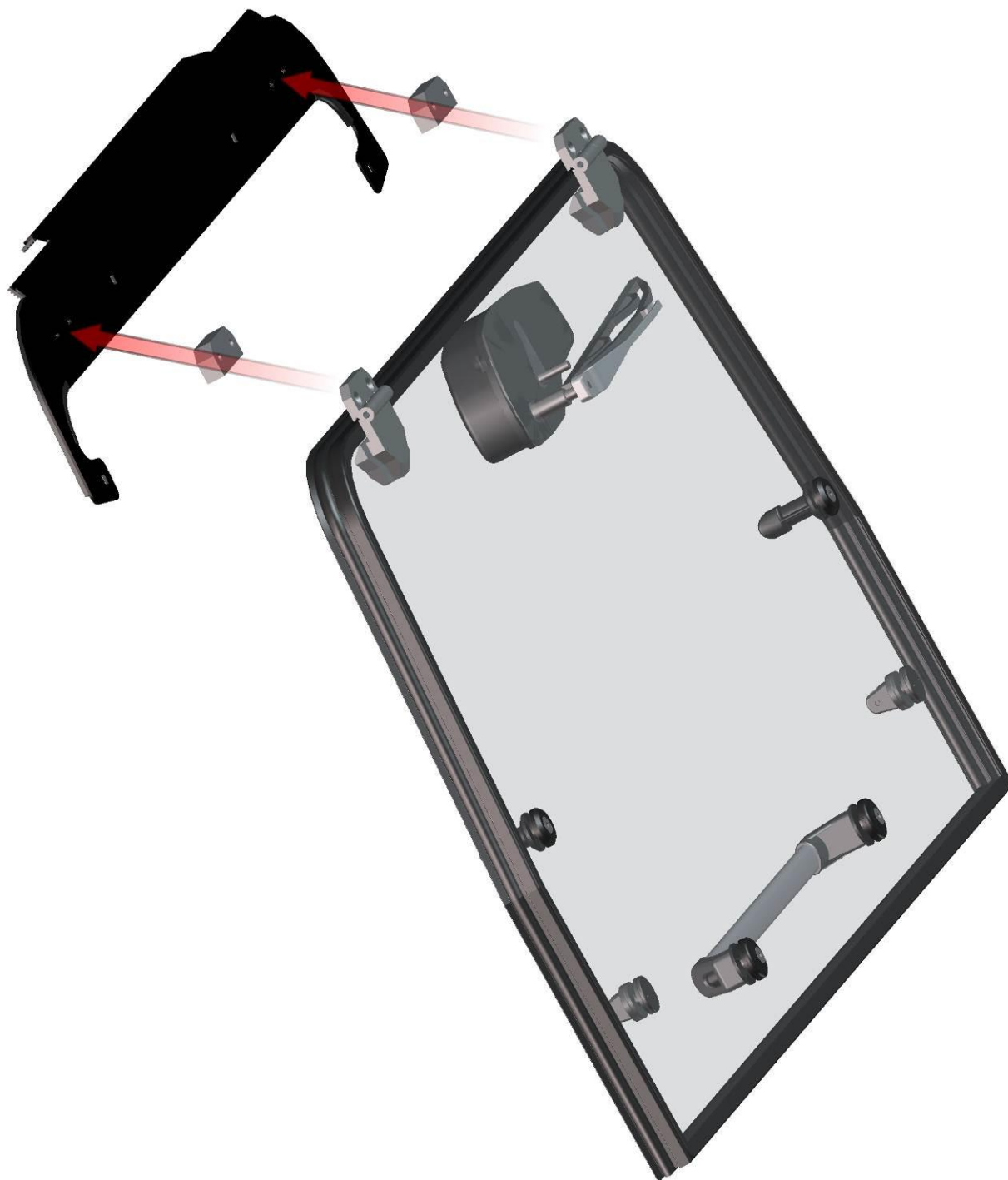
38

Fix the front bottom ledge with the roller cage by screws and nuts on both sides.



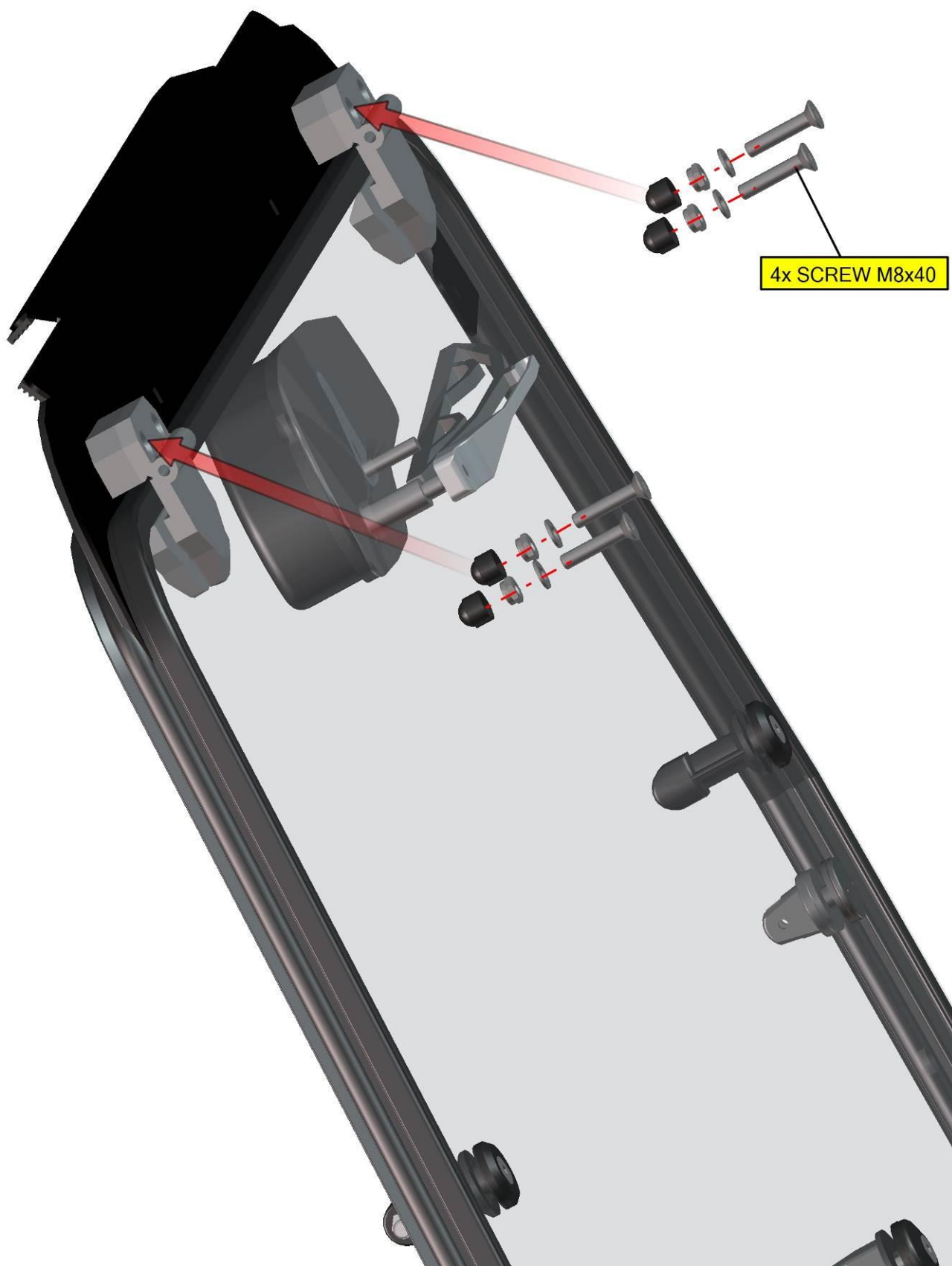
39

Place the front glass assembly and hinge's bases onto the front upper ledge.

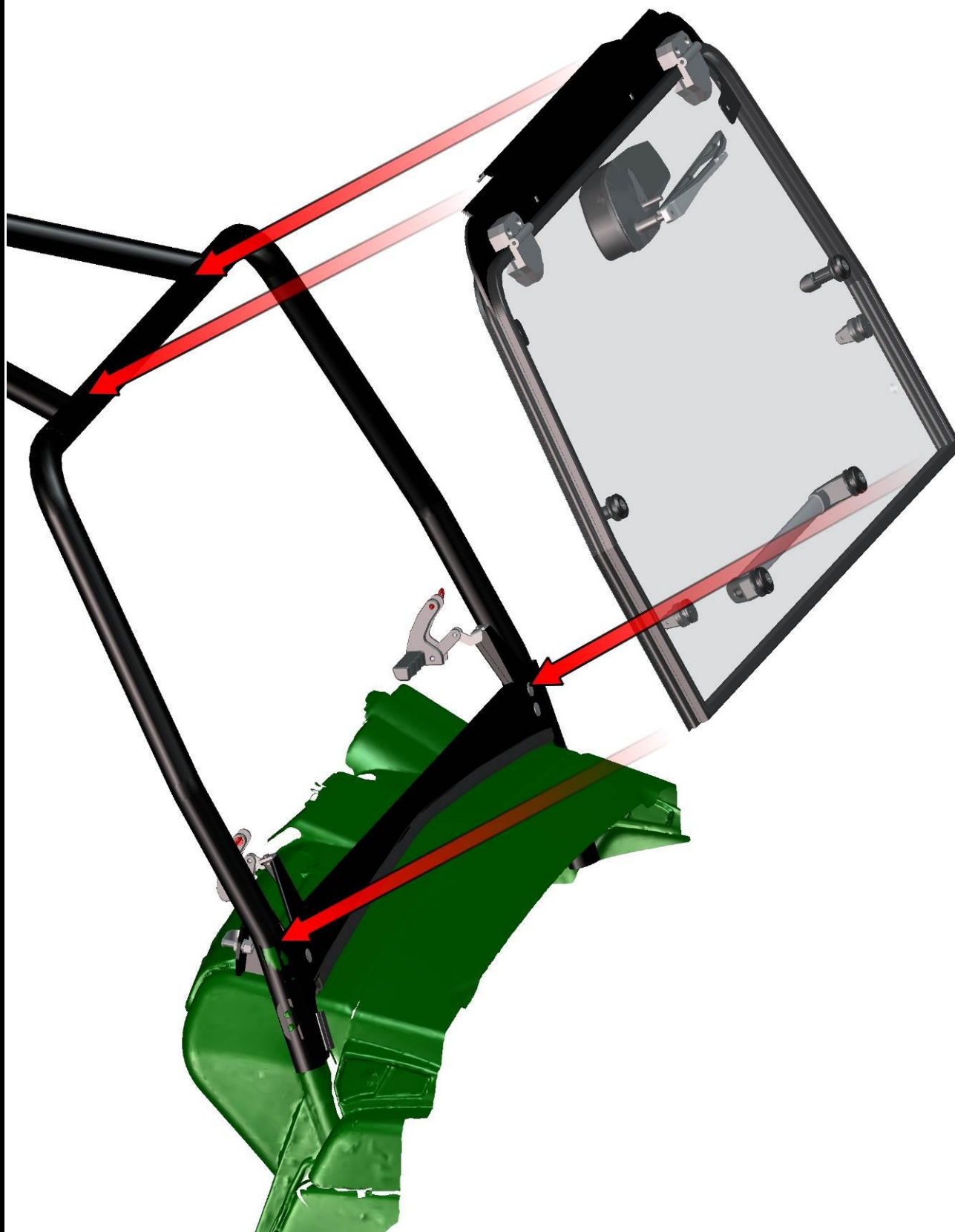


40

Fix the front glass assembly with the hinge's bases to the front ledge by screws, washers nuts and covers.



Place the glass assembly with the ledge onto the roller cage and onto the front bottom ledge.



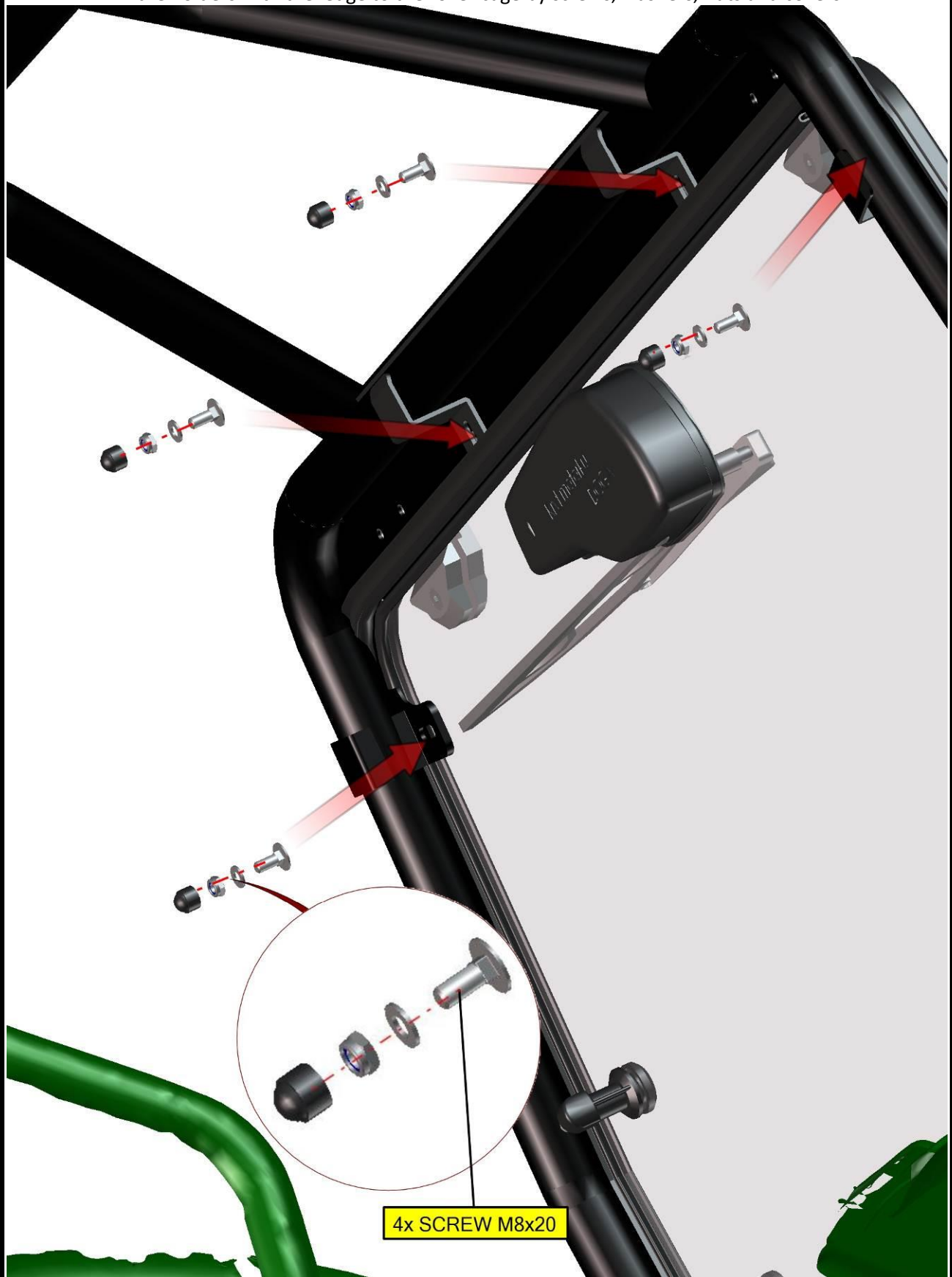
42

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

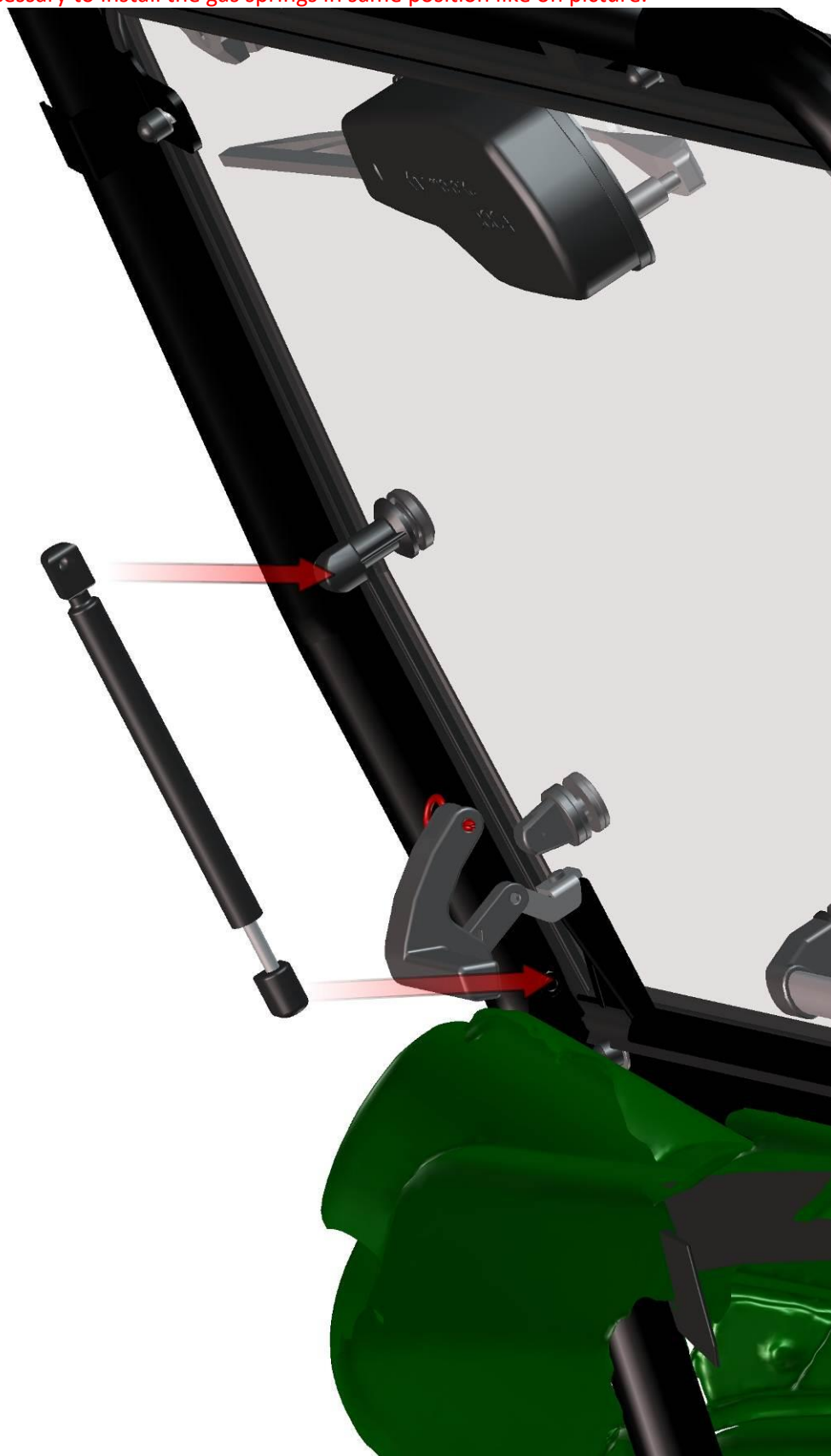


43

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

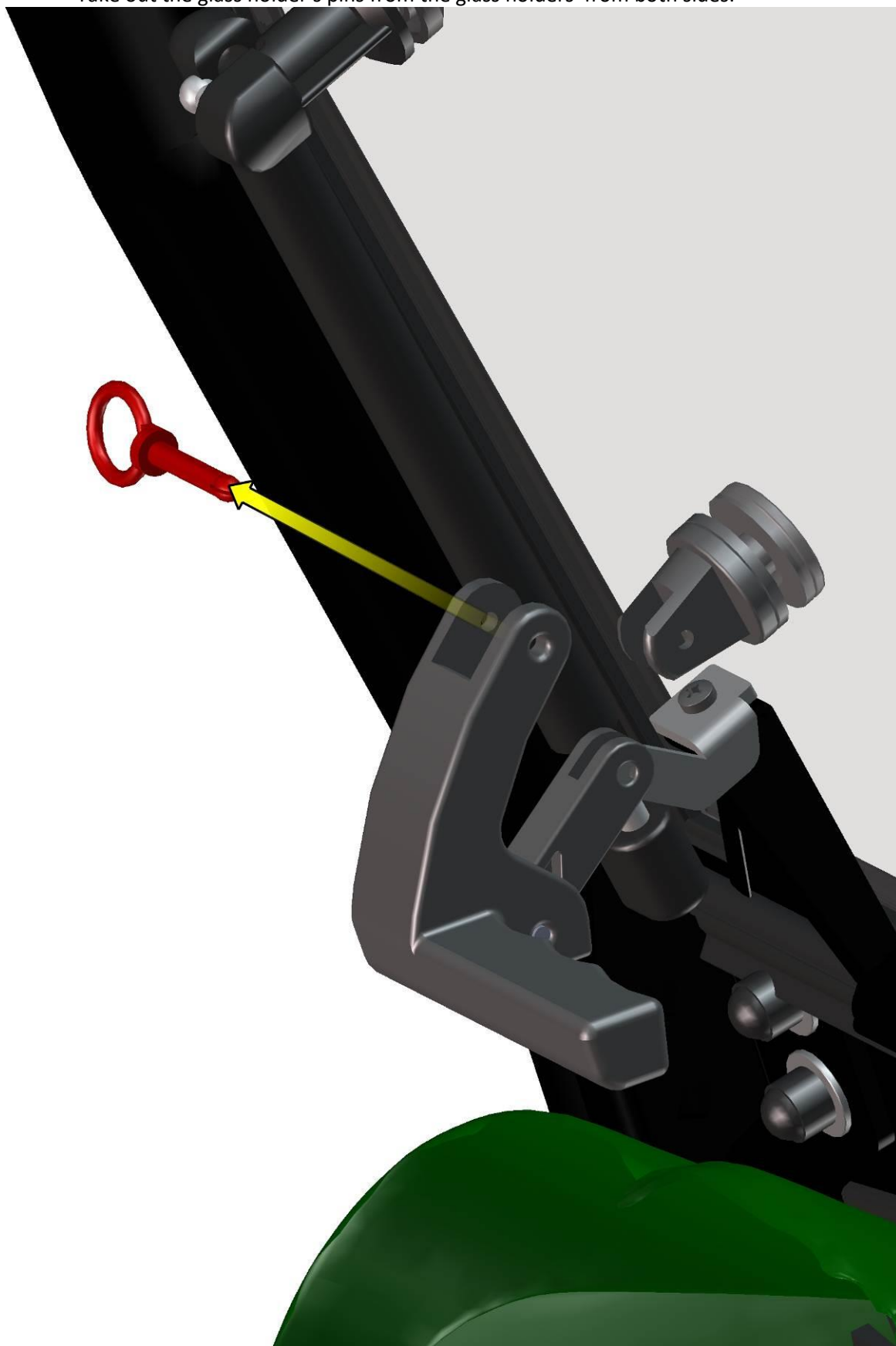


Install the gas spring into the gas spring holders.
It's necessary to install the gas springs in same position like on picture.



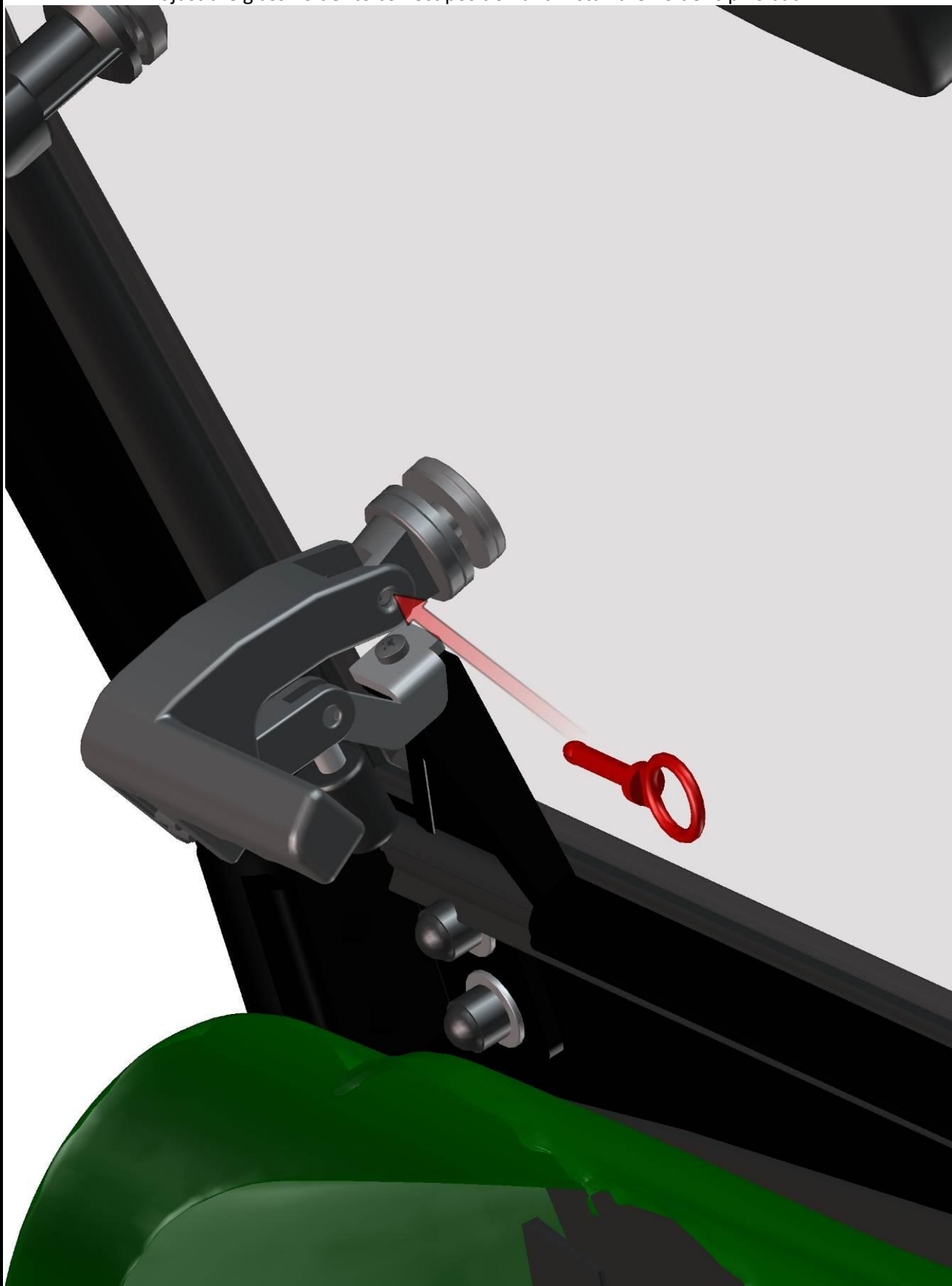
45

Take out the glass holder's pins from the glass holders from both sides.



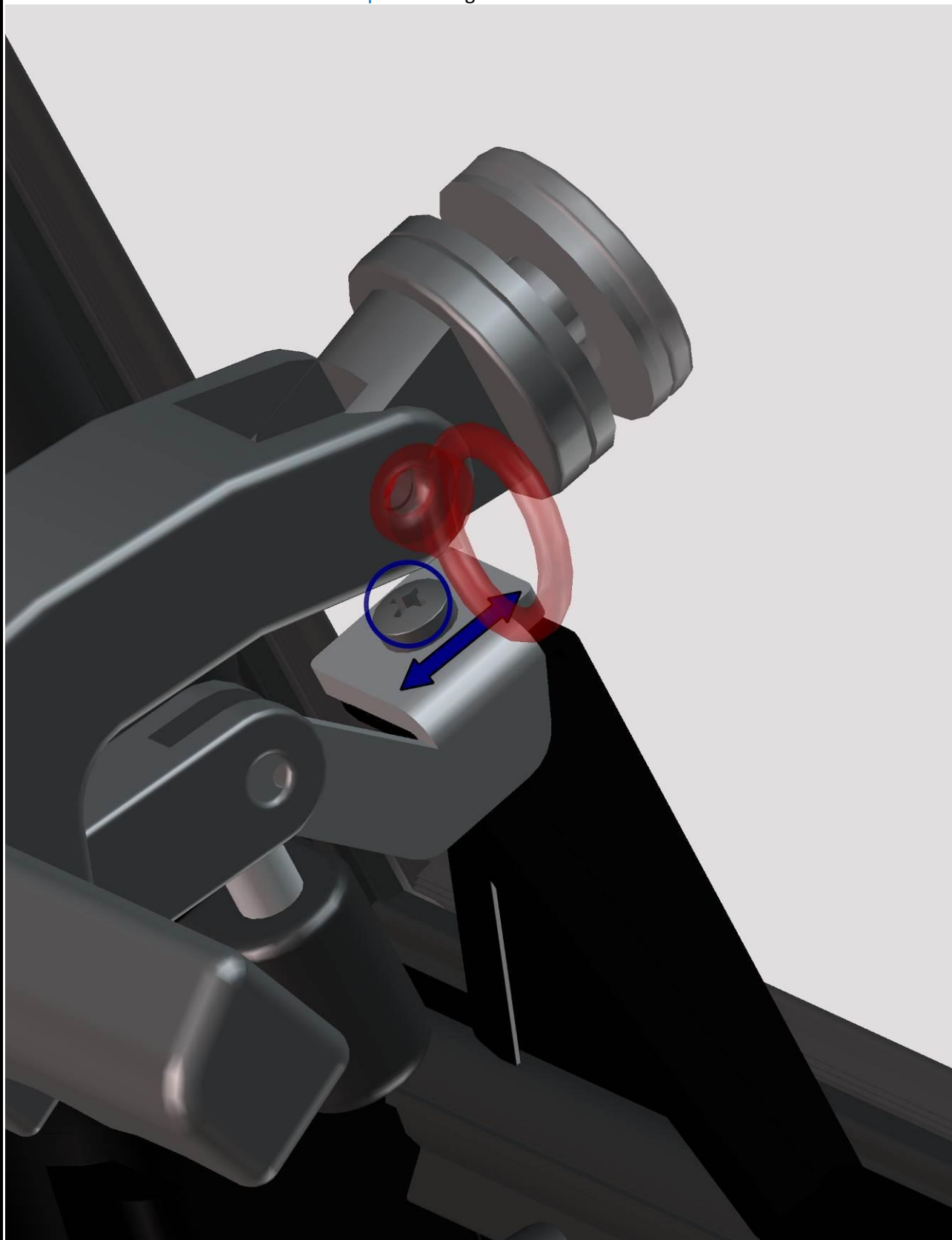
46

Adjust the glass holder to correct position and install the holder's pins back.



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Loosen the glass lock holder screw on both sides and adjust the glass lock holder to best position. If you have some gaps 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.



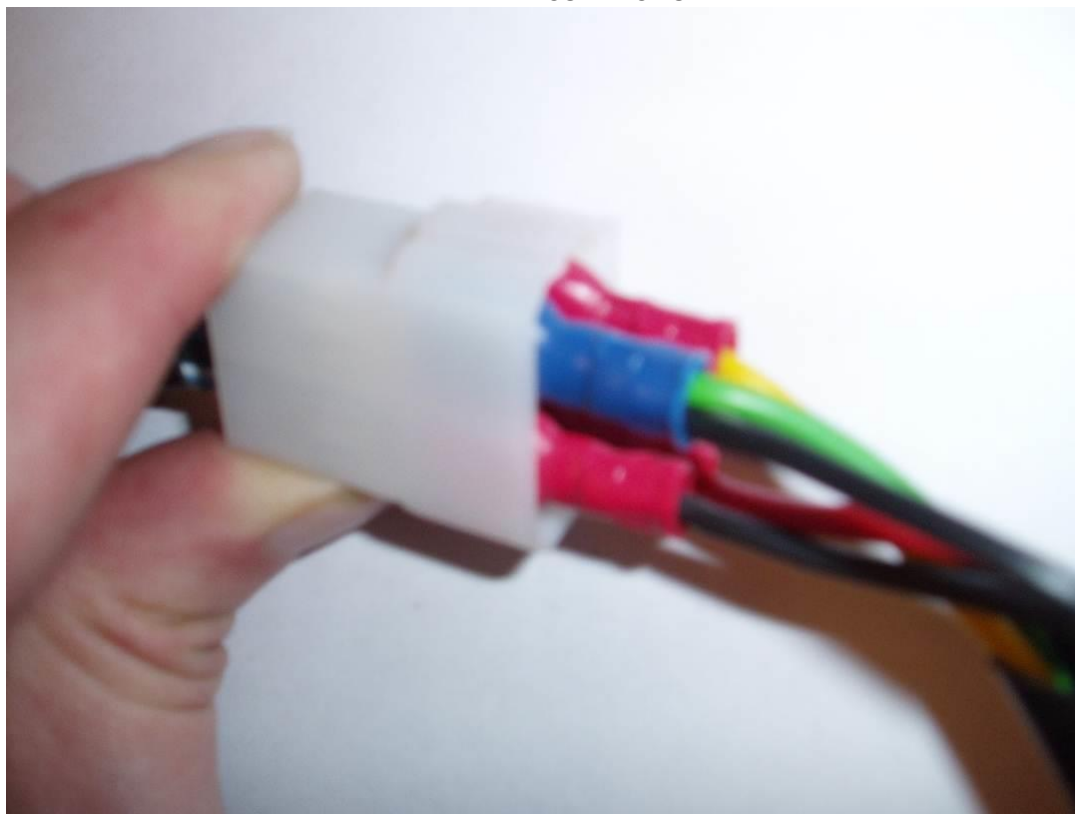
ELECTROINSTALLATION WIPER/WASHER 2.

Run the harness no.:4 with washer hose to the front wiper motor and connect the branch with the wiper motor.



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DETAIL VIEW CONNECTION

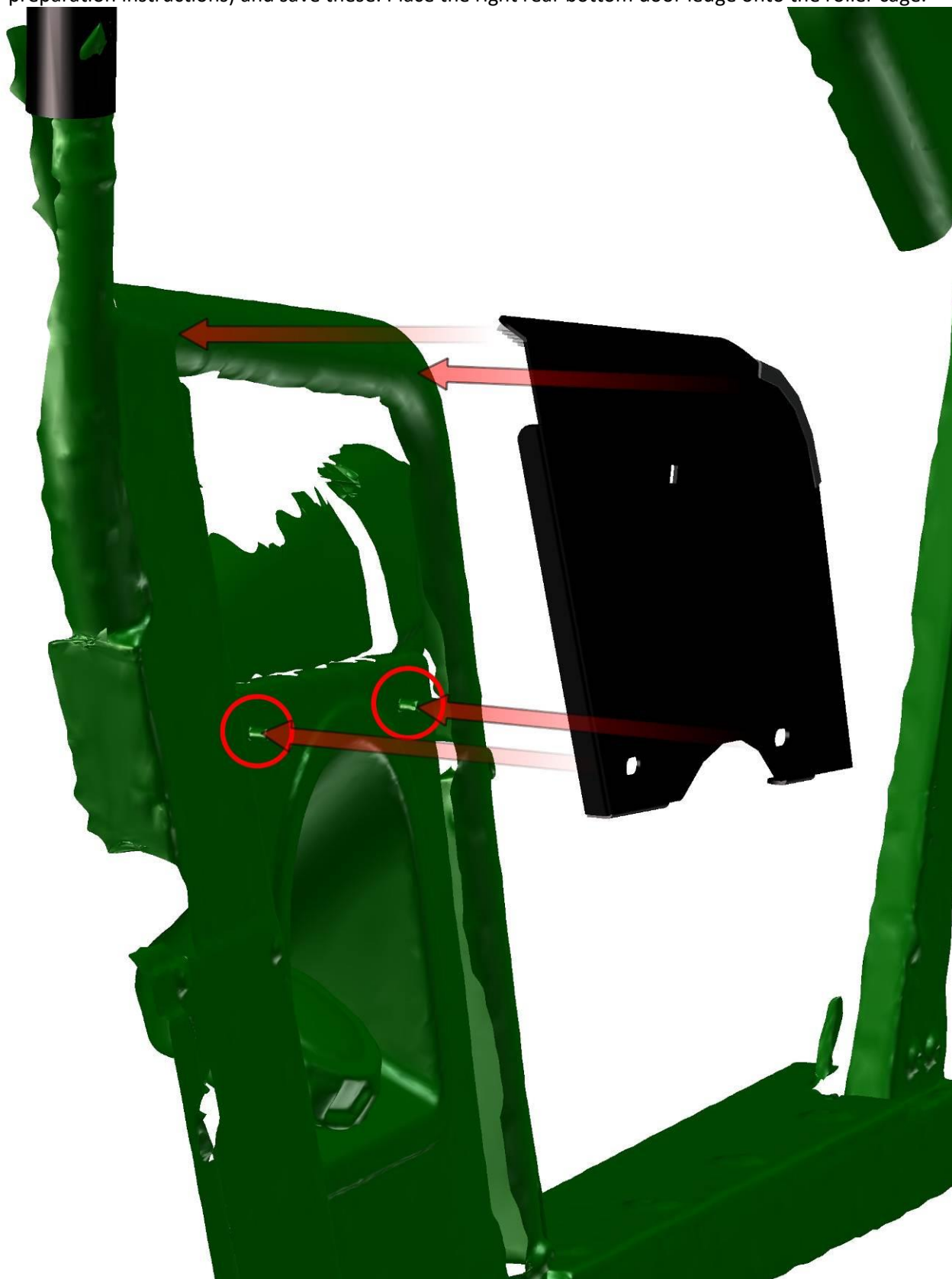


Please note that is necessary to add 5 inches extra before you cut the washer hose. Connect the washer hose by the washer tube with the wiper arm washer hose.



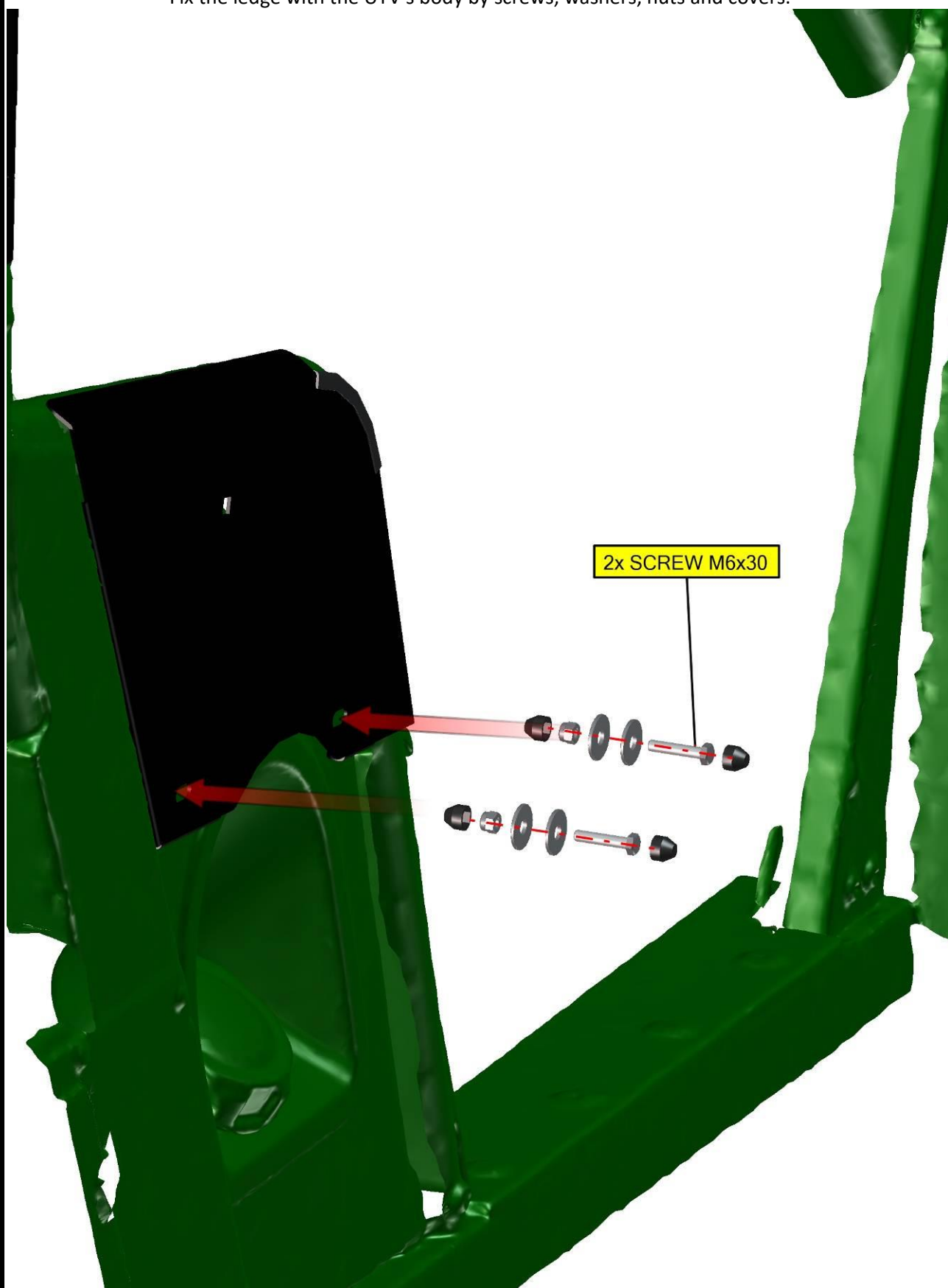
LEFT DOOR + RIGHT DOOR 1.

Uninstall original screws from the UTV's body (if you didn't uninstall these in accordance with the preparation instructions) and save these. Place the right rear bottom door ledge onto the roller cage.



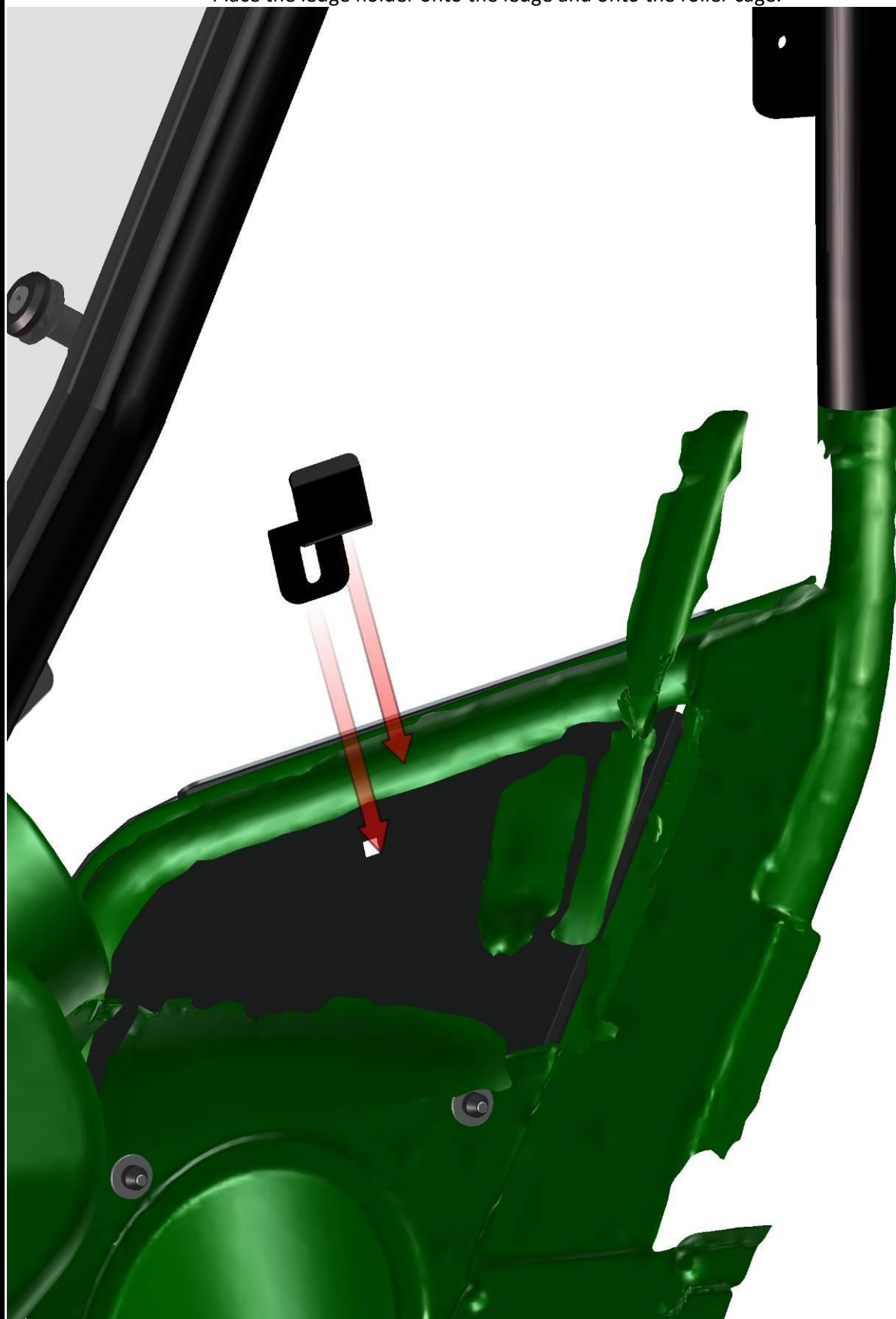
51

Fix the ledge with the UTV's body by screws, washers, nuts and covers.

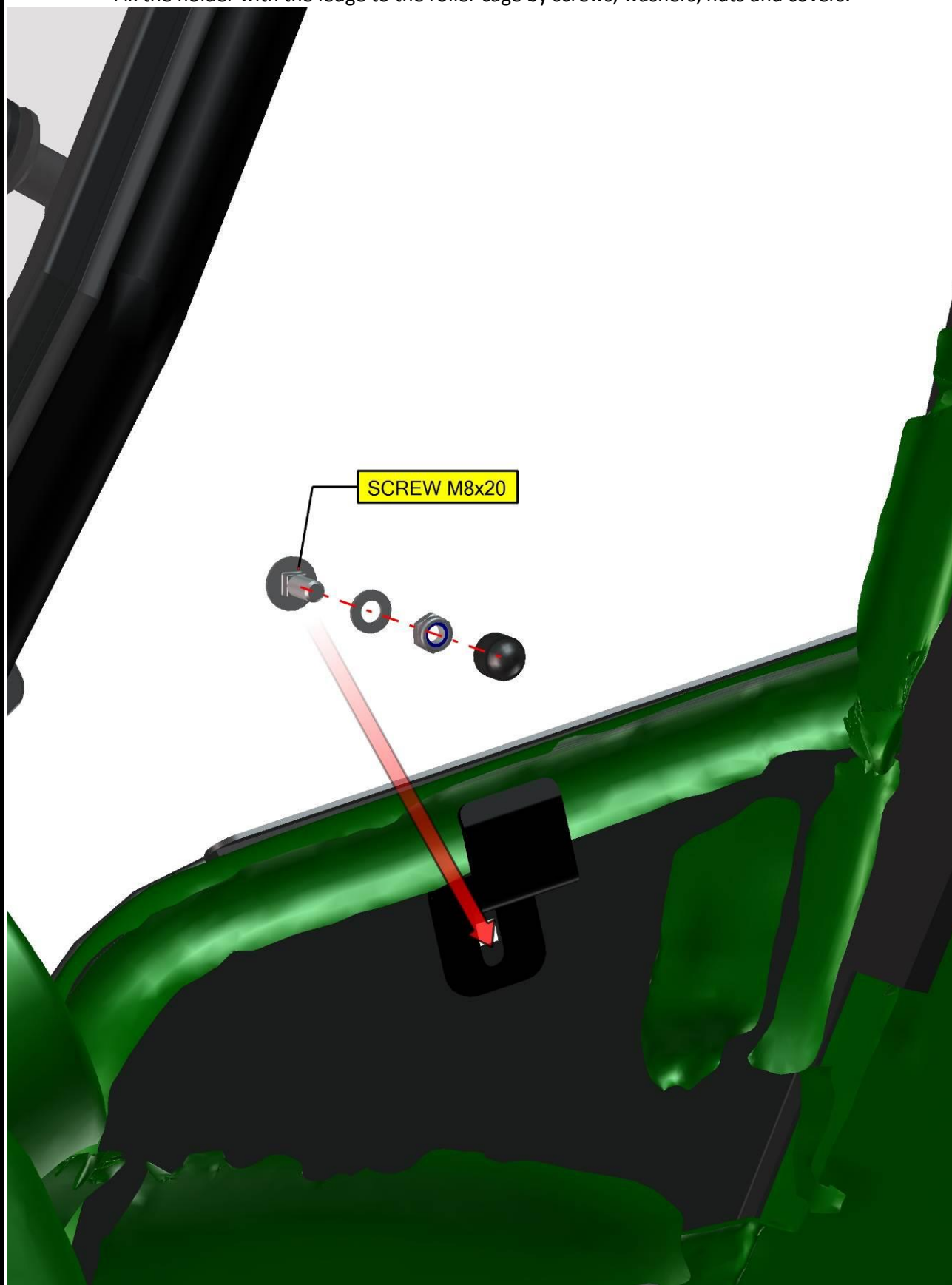


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Place the ledge holder onto the ledge and onto the roller cage.



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



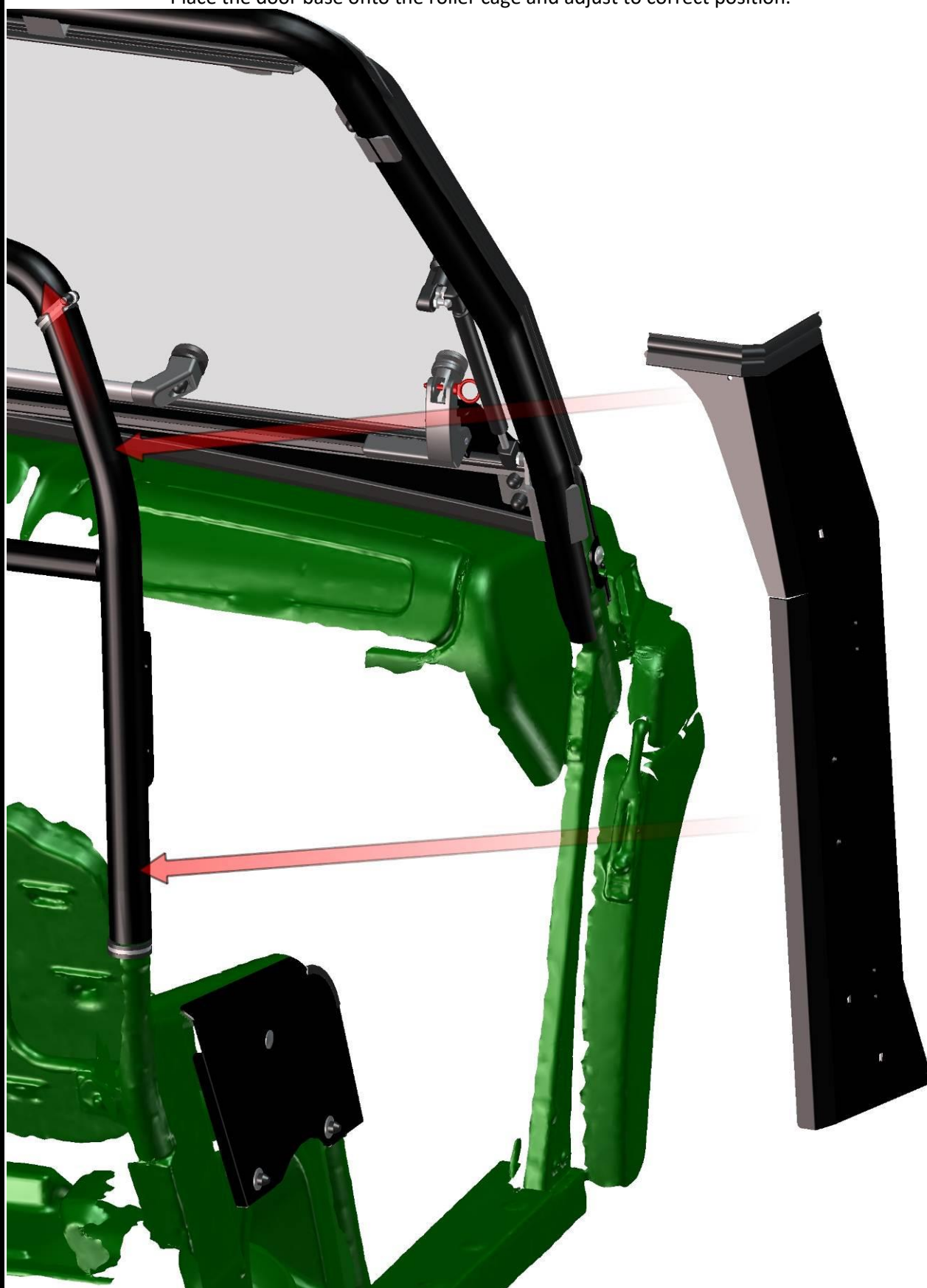
54

Insert the tightening straps onto the rear bottom roller cage on both sides.



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Place the door base onto the roller cage and adjust to correct position.



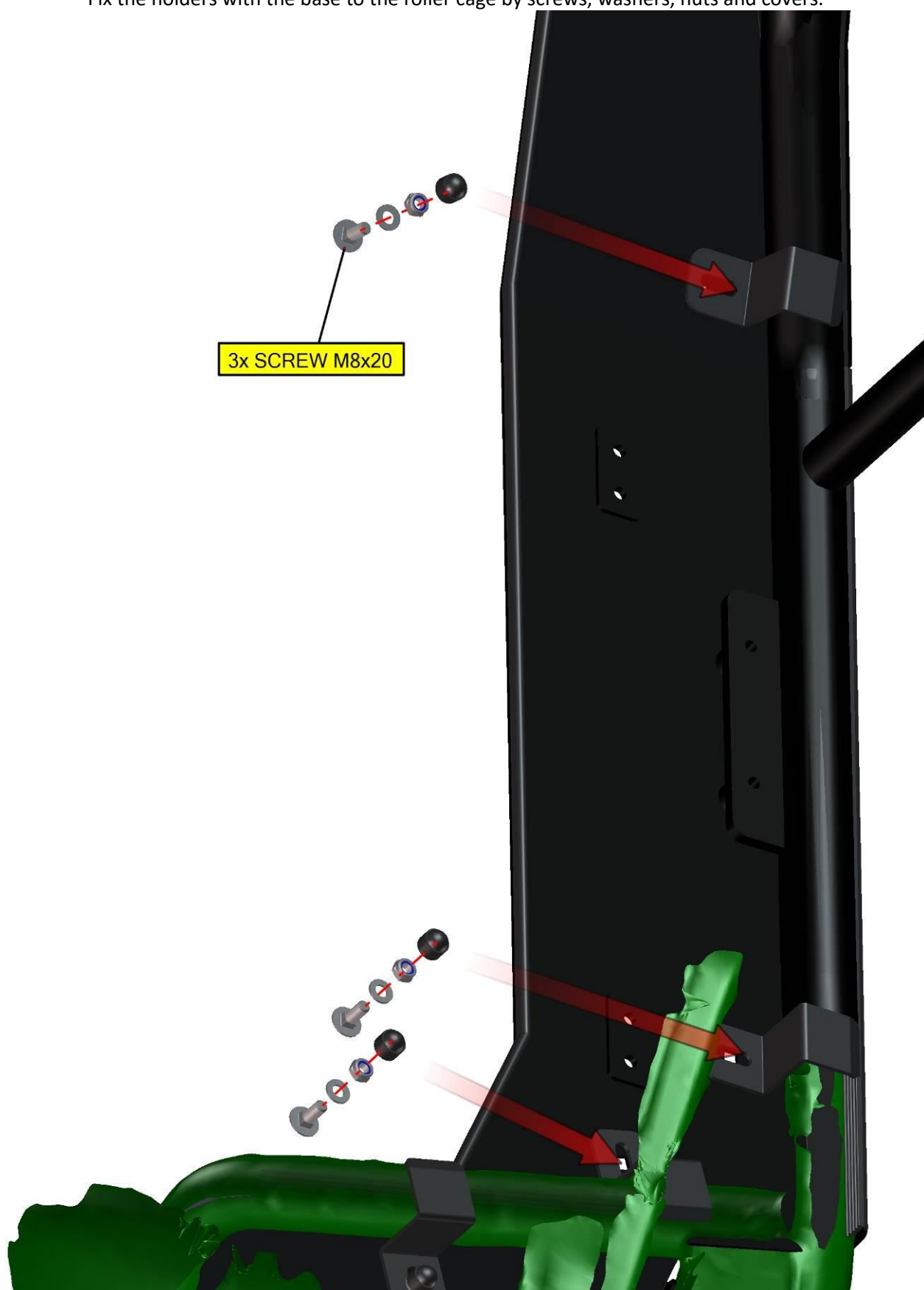
56

Place the base holders onto the base and onto the roller cage.



57

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



Insert the tightening strap with seal onto the roller cage and adjust the strap to correct position.



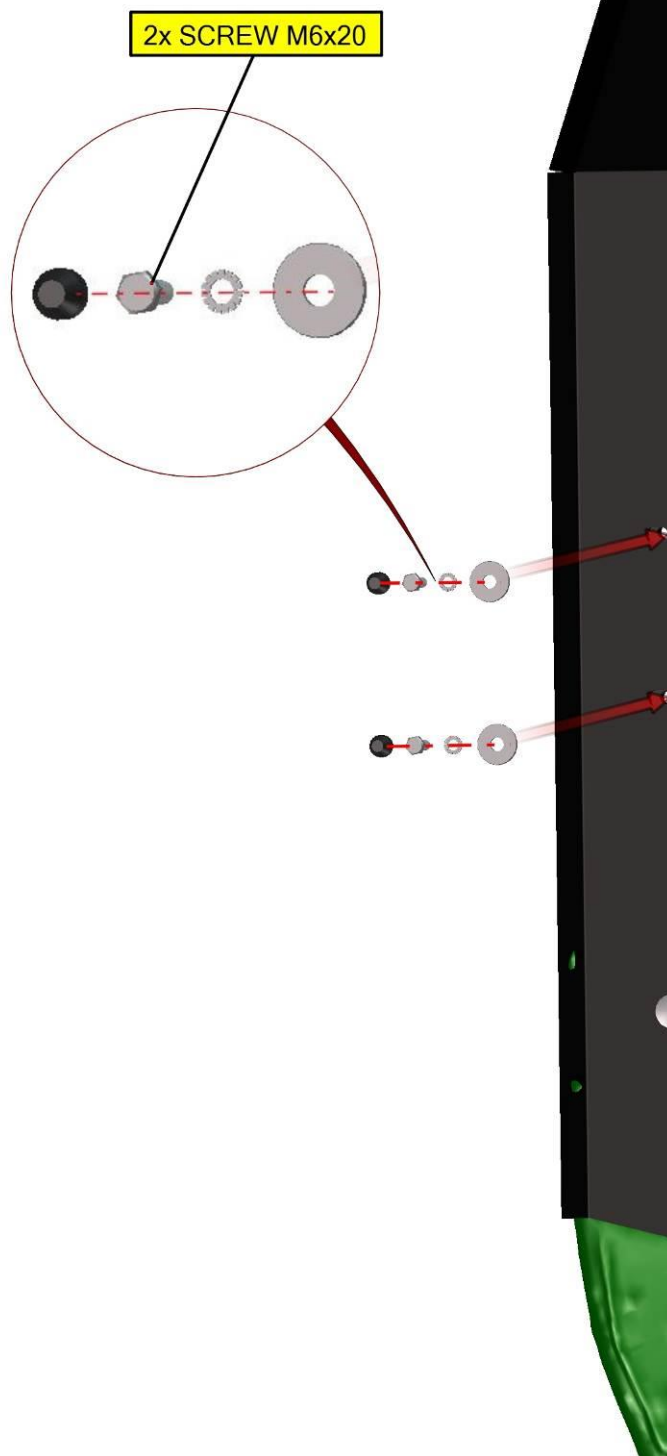
59

Fix the strap with the door base to the roller cage by screw, washers, nut and covers.



60

Fix the door base with the roller cage reinforcement by screws, washers and covers.



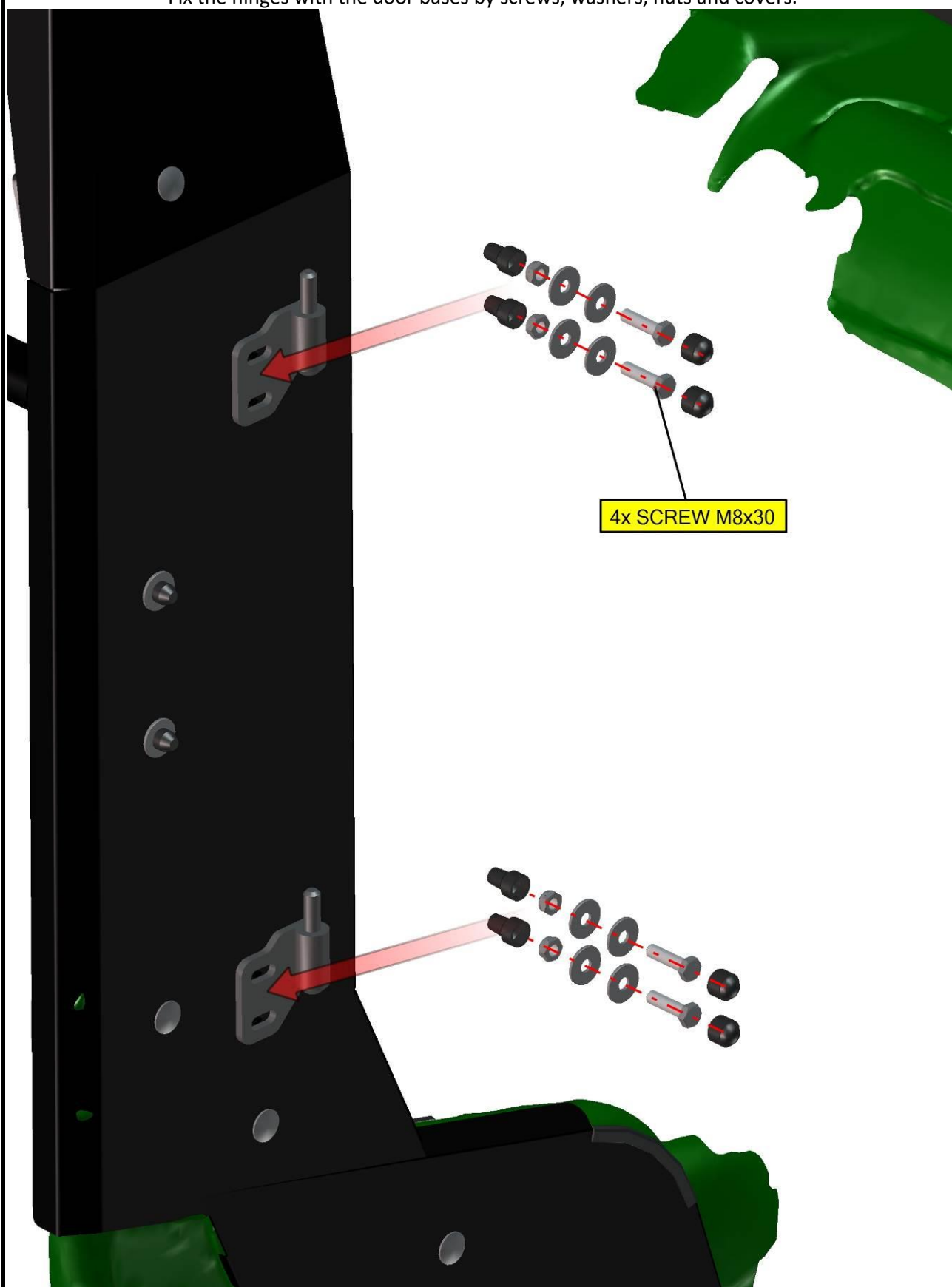
61

Place the RIGHT door hinges onto the right door base.



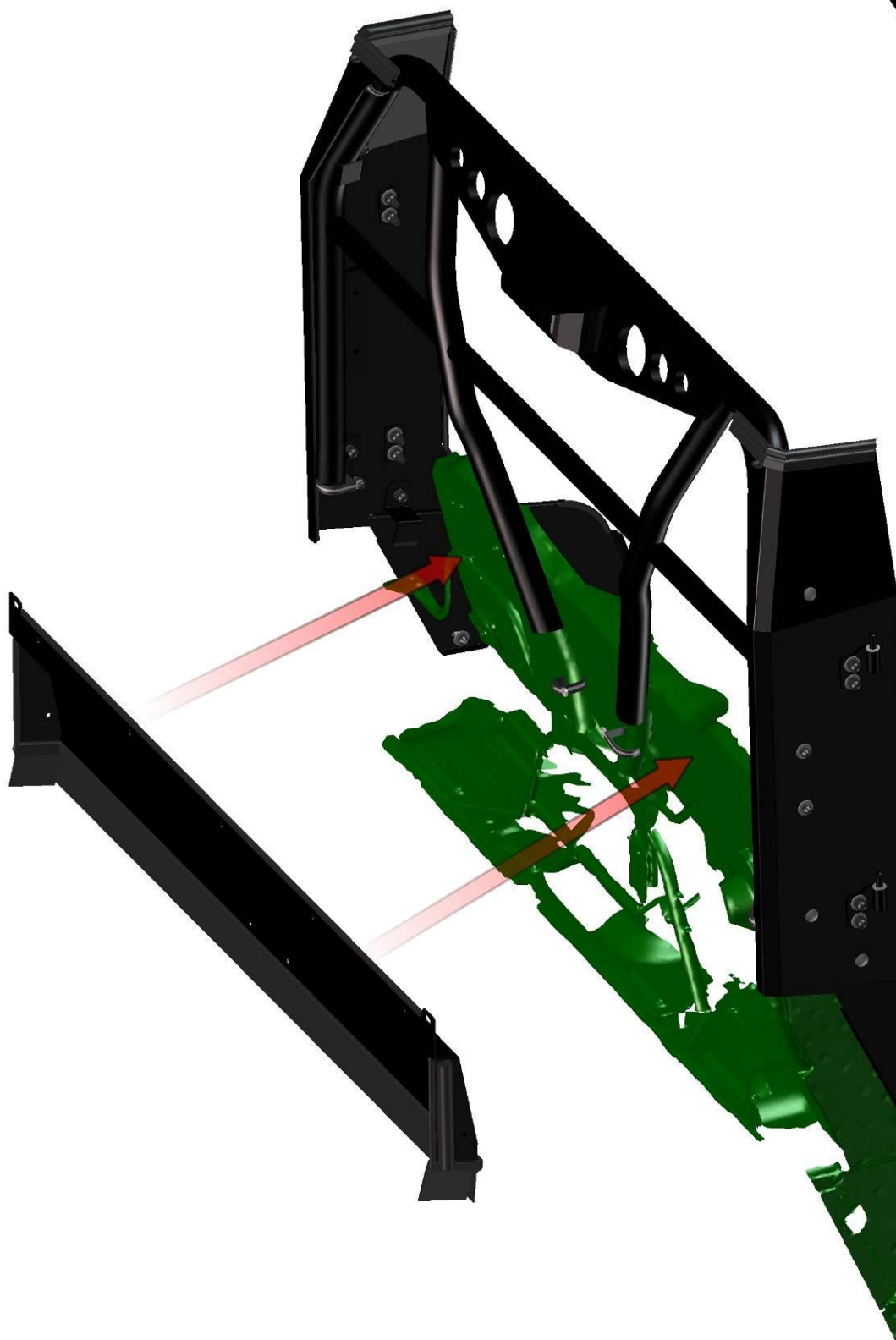
62

Fix the hinges with the door bases by screws, washers, nuts and covers.

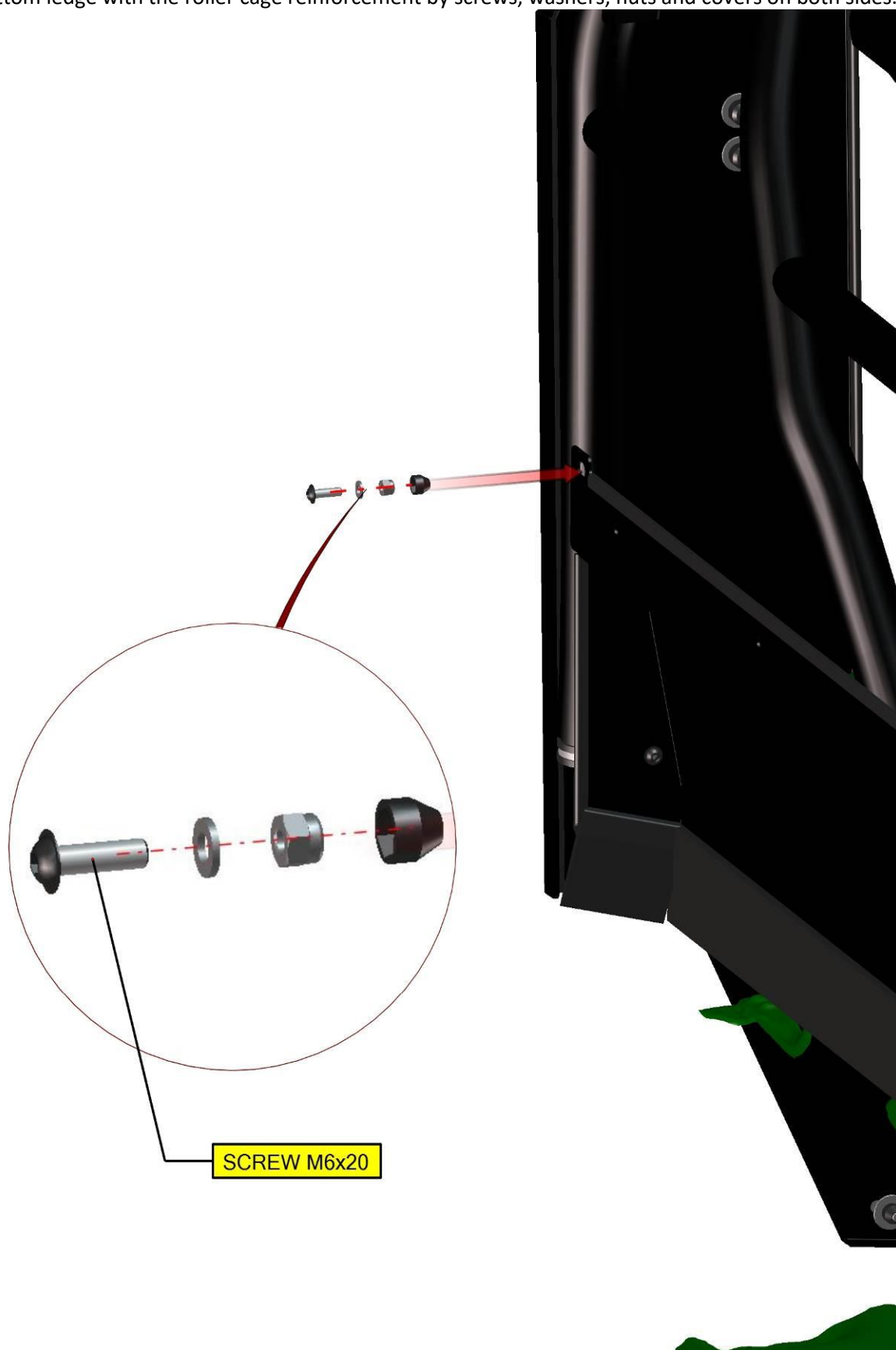


REAR PANEL

Place the rear bottom ledge onto the roller cage and adjust that to correct position.



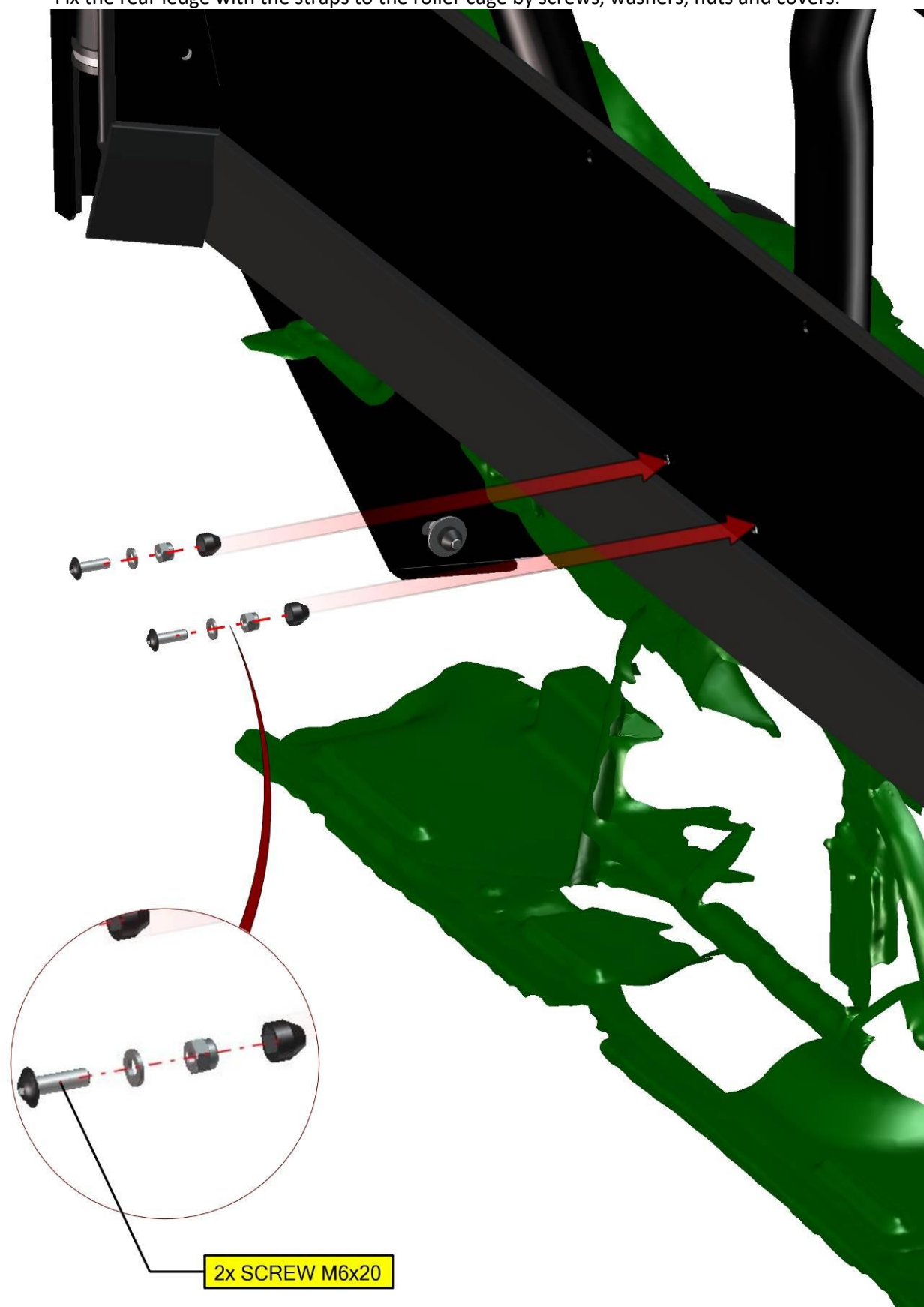
Fix the bottom ledge with the roller cage reinforcement by screws, washers, nuts and covers on both sides.



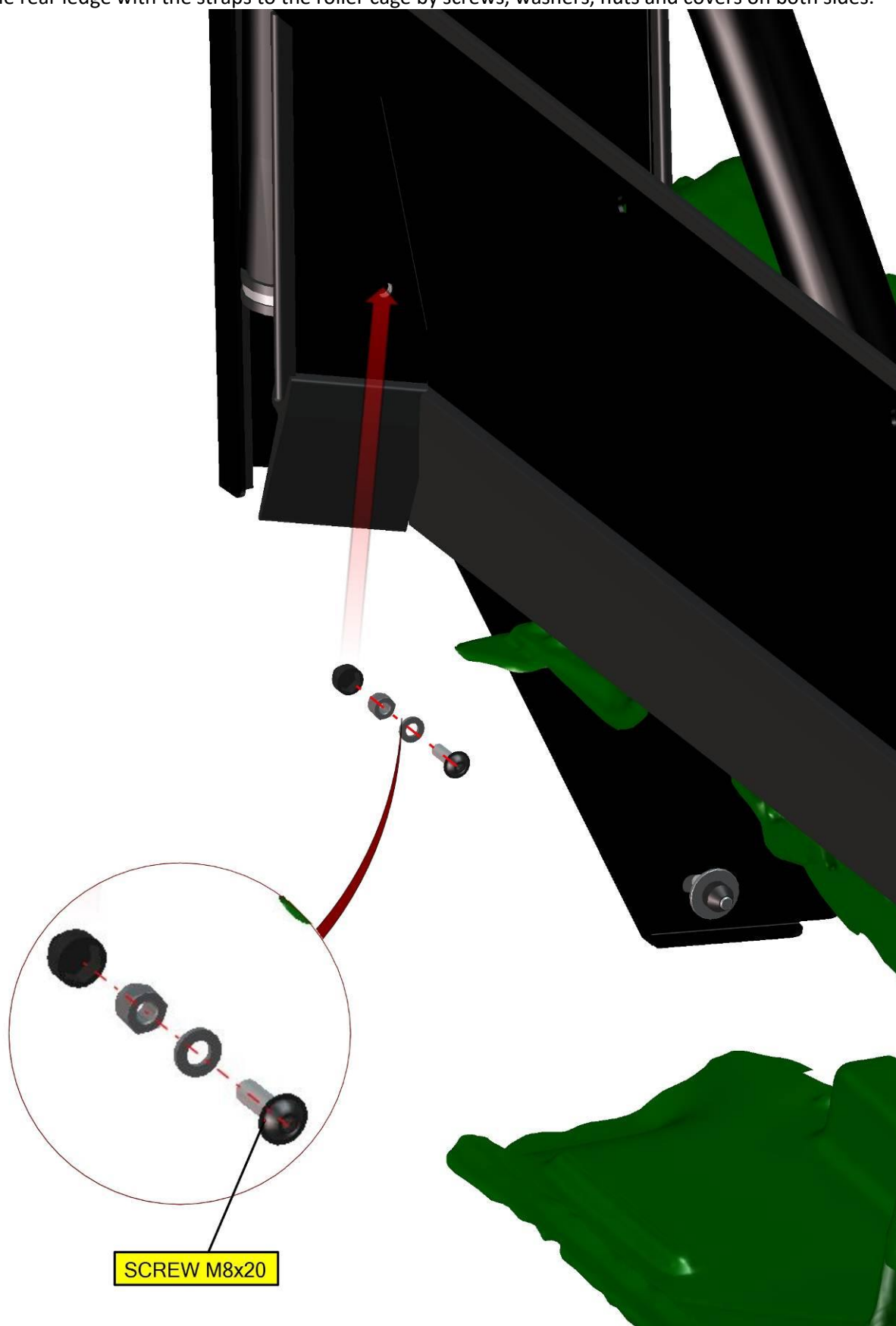
SCREW M6x20

65

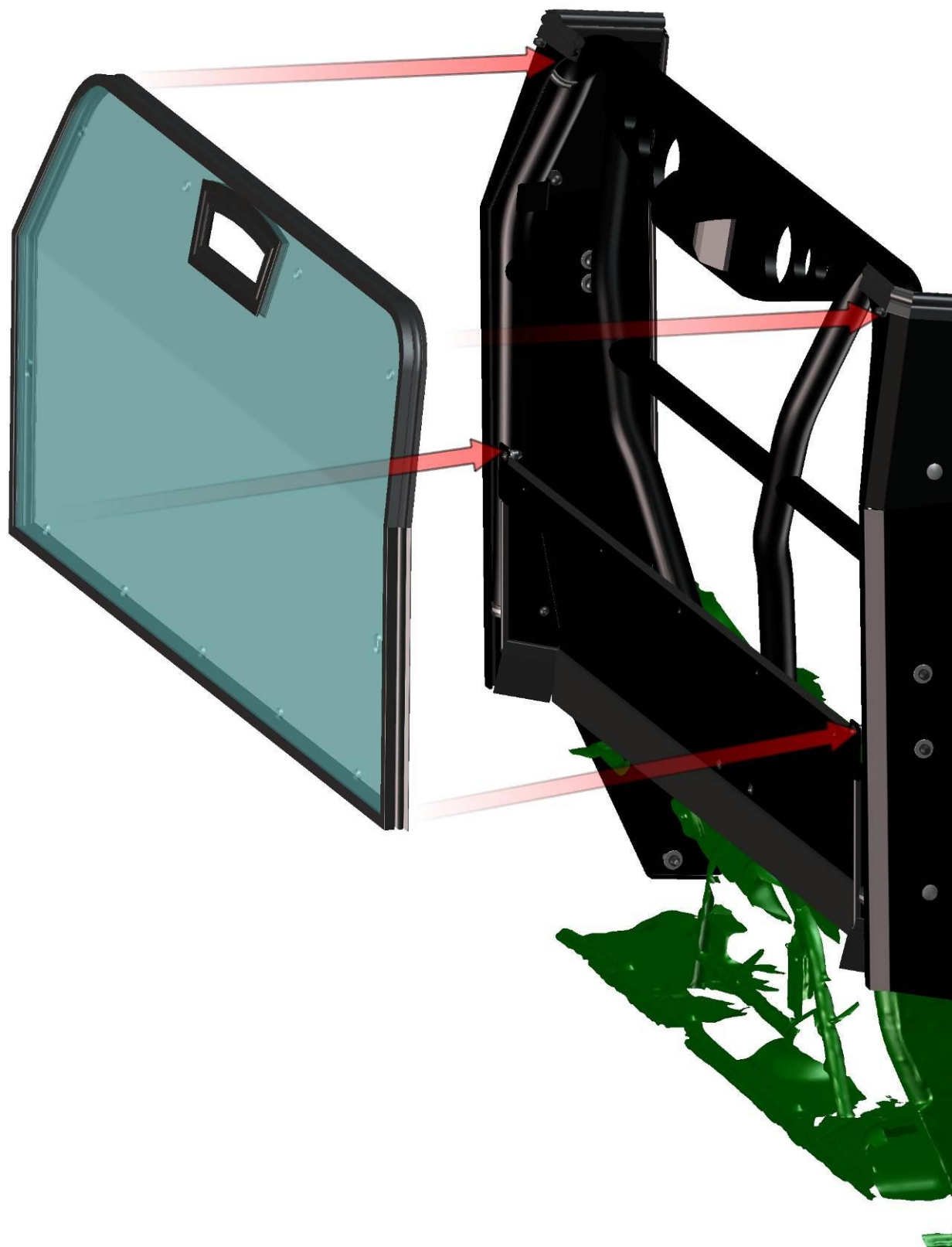
Fix the rear ledge with the straps to the roller cage by screws, washers, nuts and covers.



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

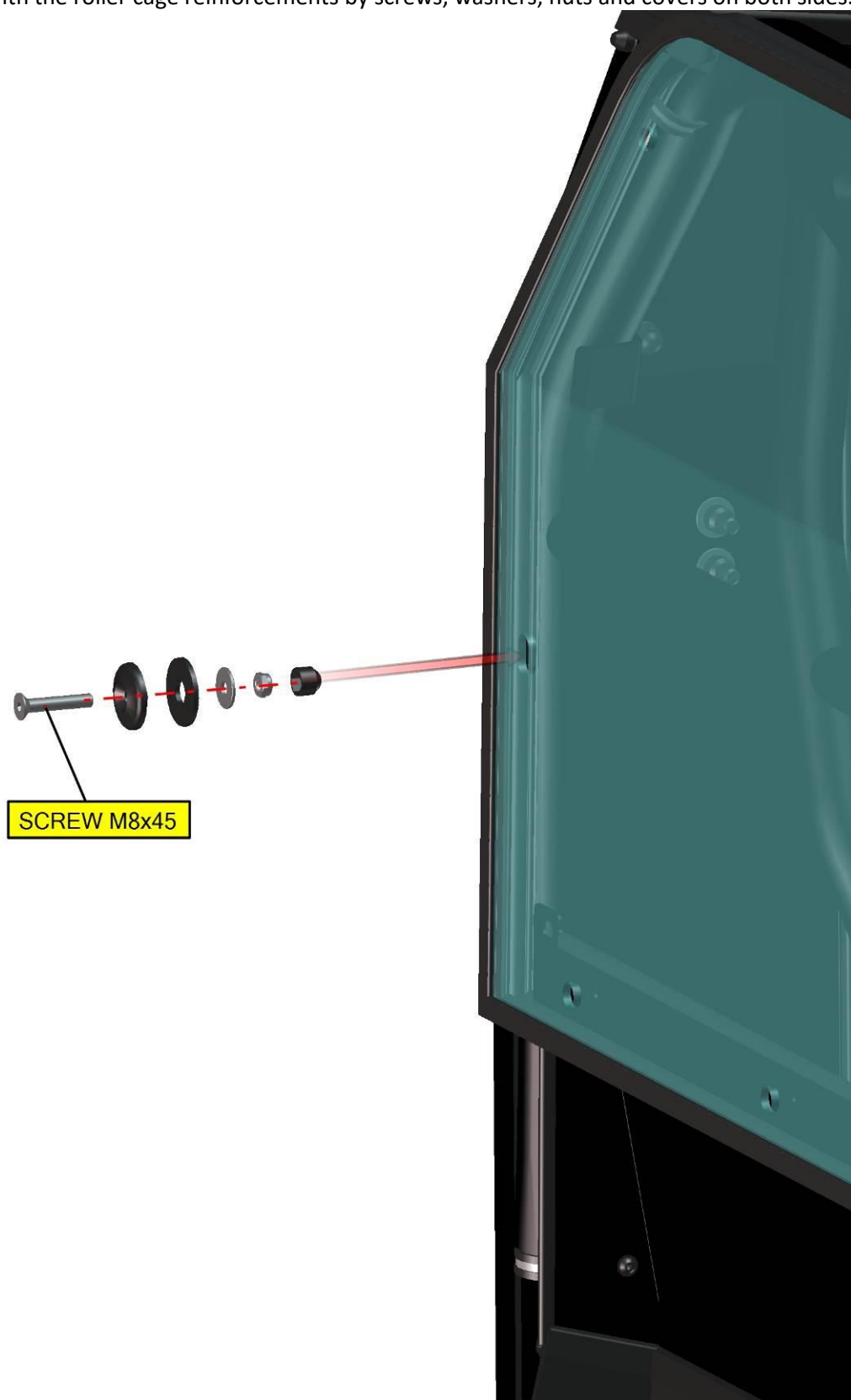


Place the rear window onto the door bases and onto the bottom rear ledge.



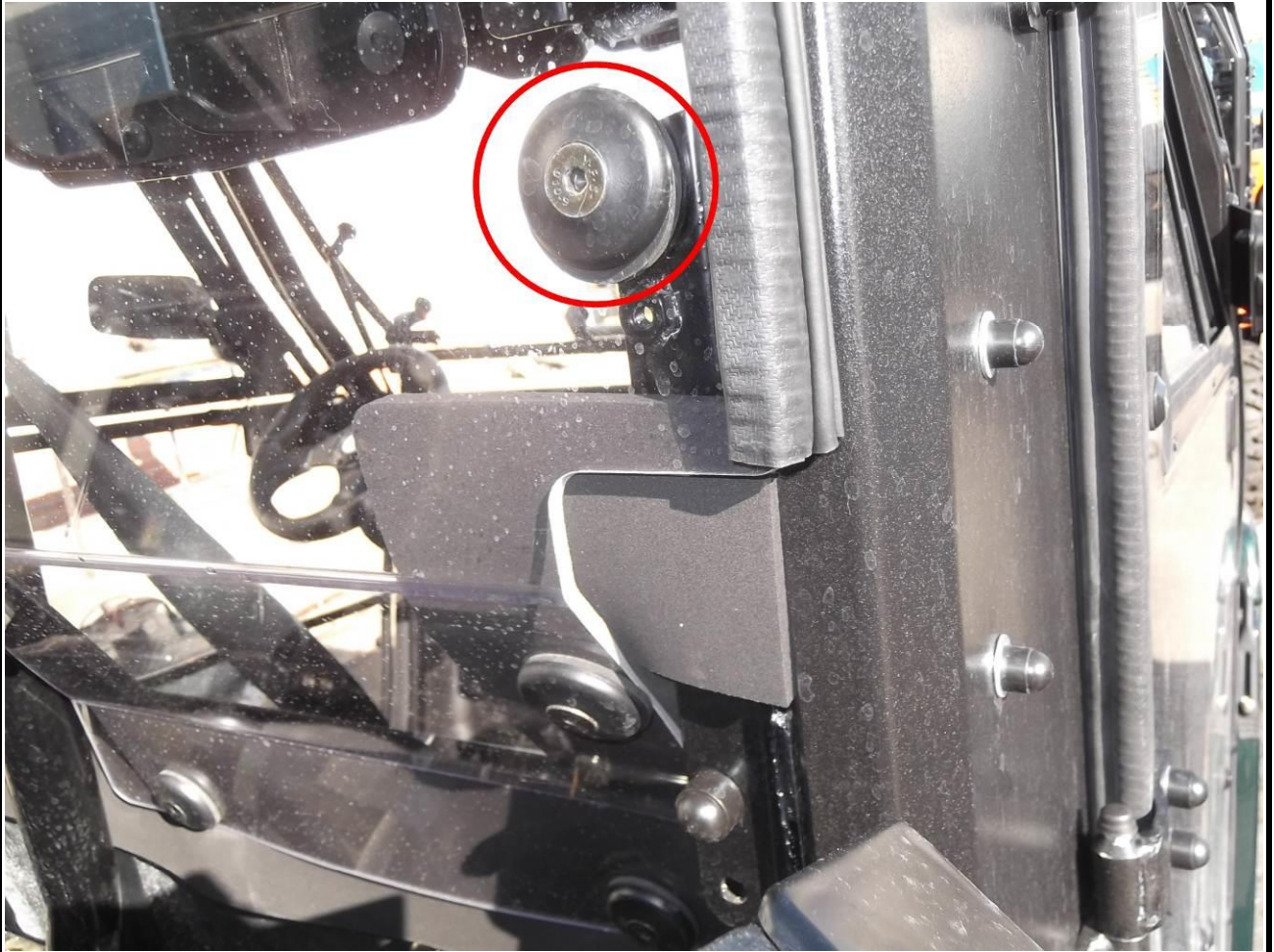
68

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



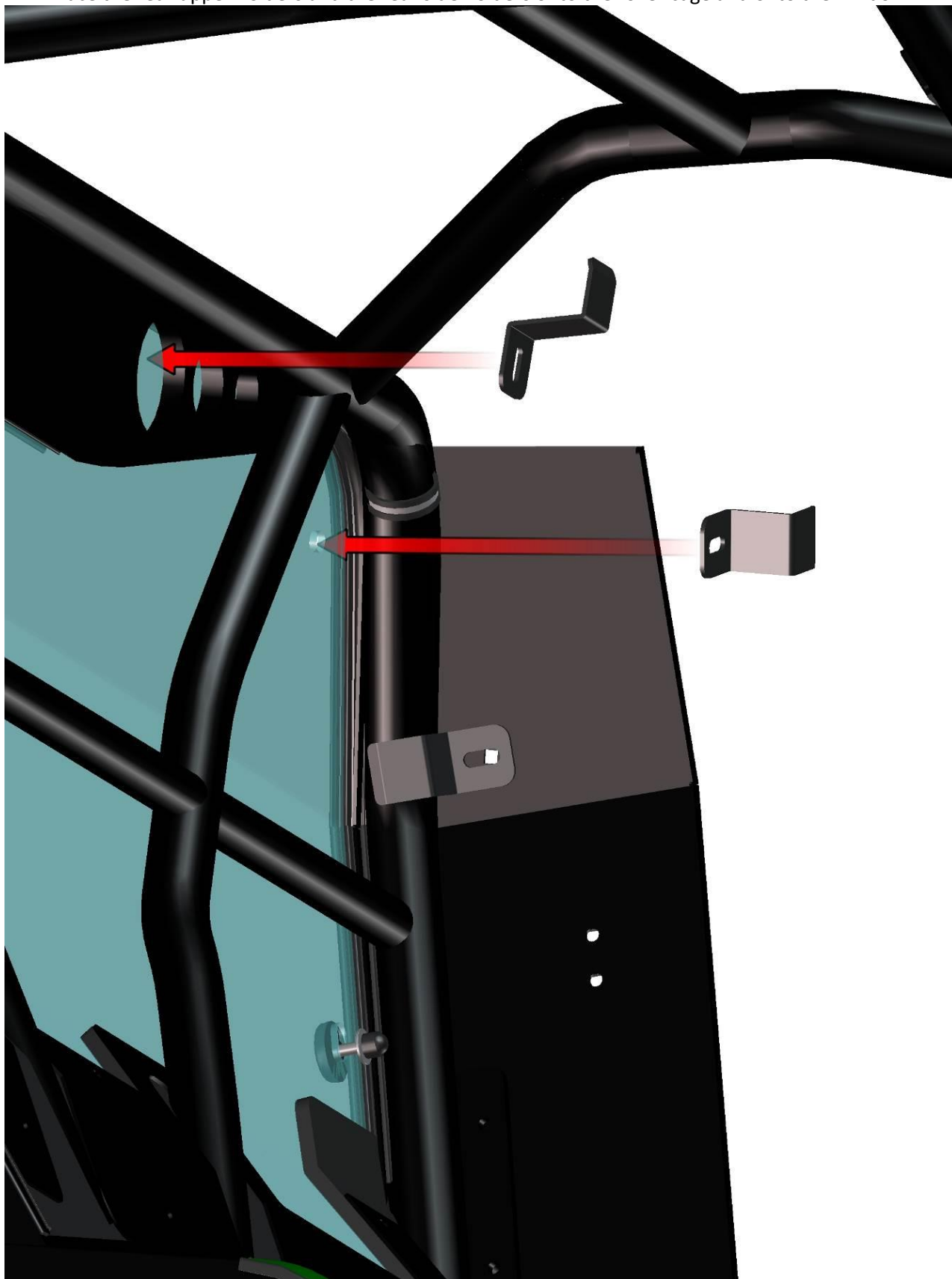
Please be careful not to break the plastic washers, if you are tightening screws with plastic washers use maximal power 3,7 foot-pound force (5Nm)!!!

DETAIL VIEW

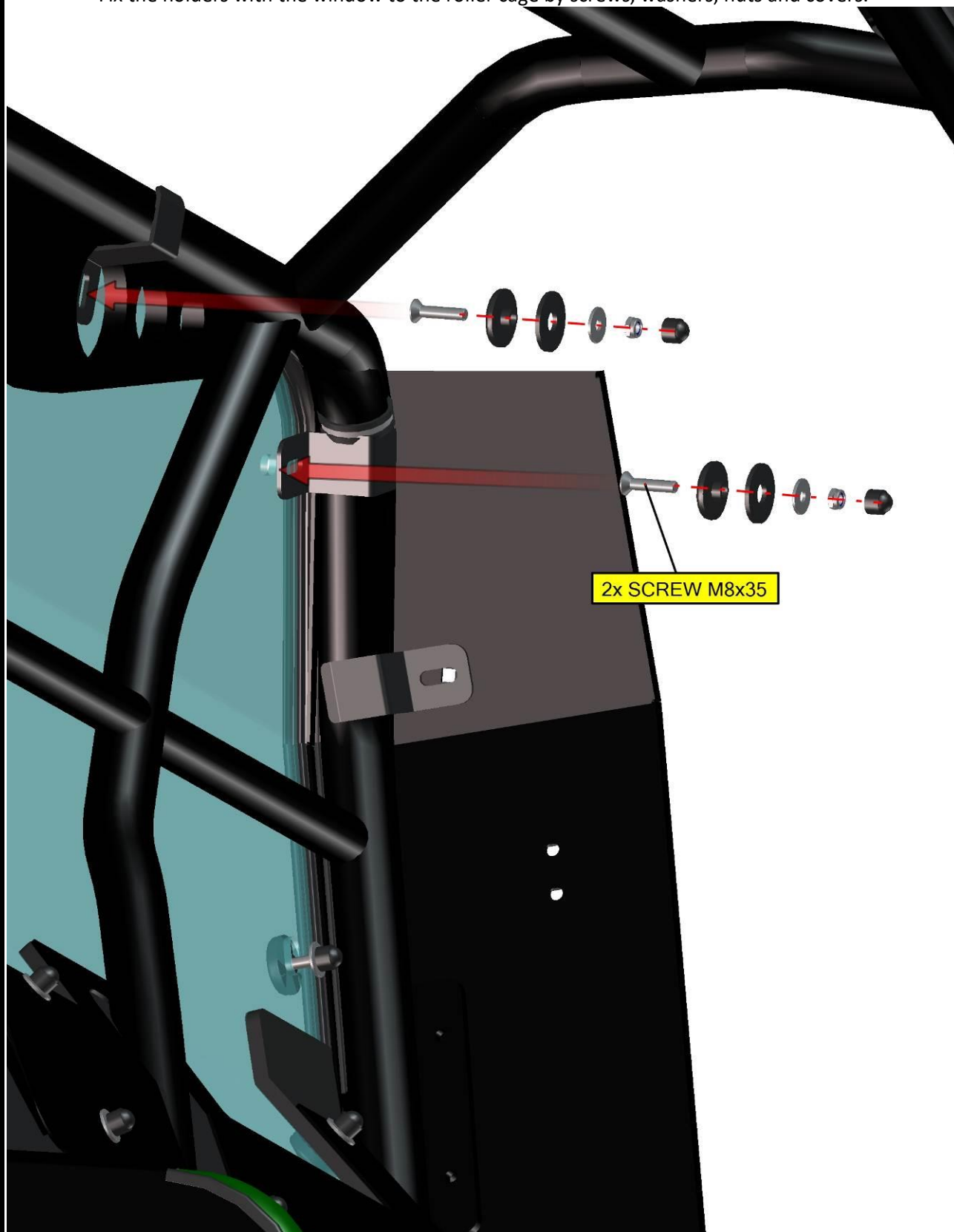


70

Place the rear upper holders and the rear side holders onto the roller cage and onto the window.

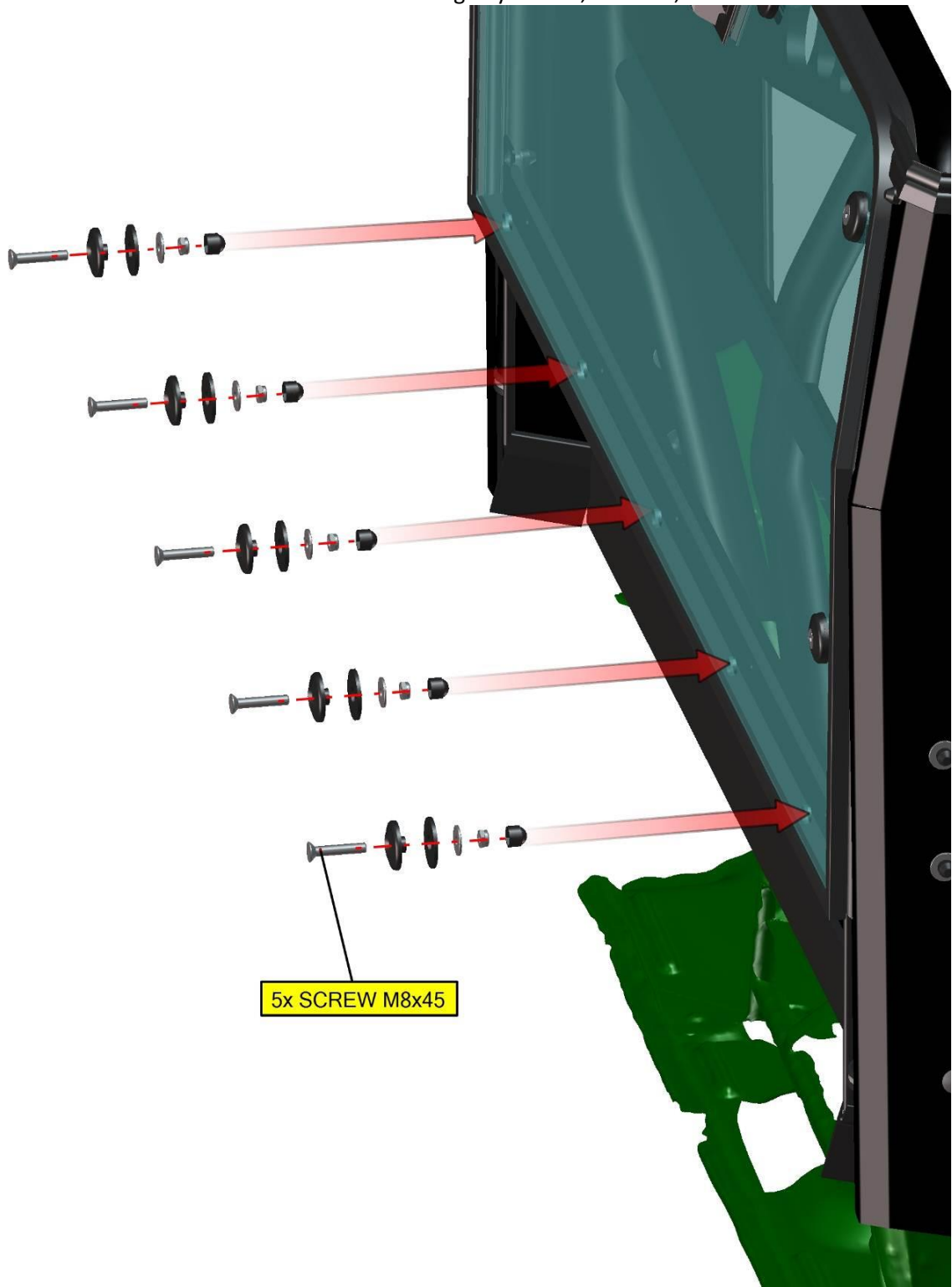


Fix the holders with the window to the roller cage by screws, washers, nuts and covers.



Please be careful to not break the plastic washers, if you are tightening screws with plastic washers use maximal power 3,7 foot-pound force (5Nm)!!!

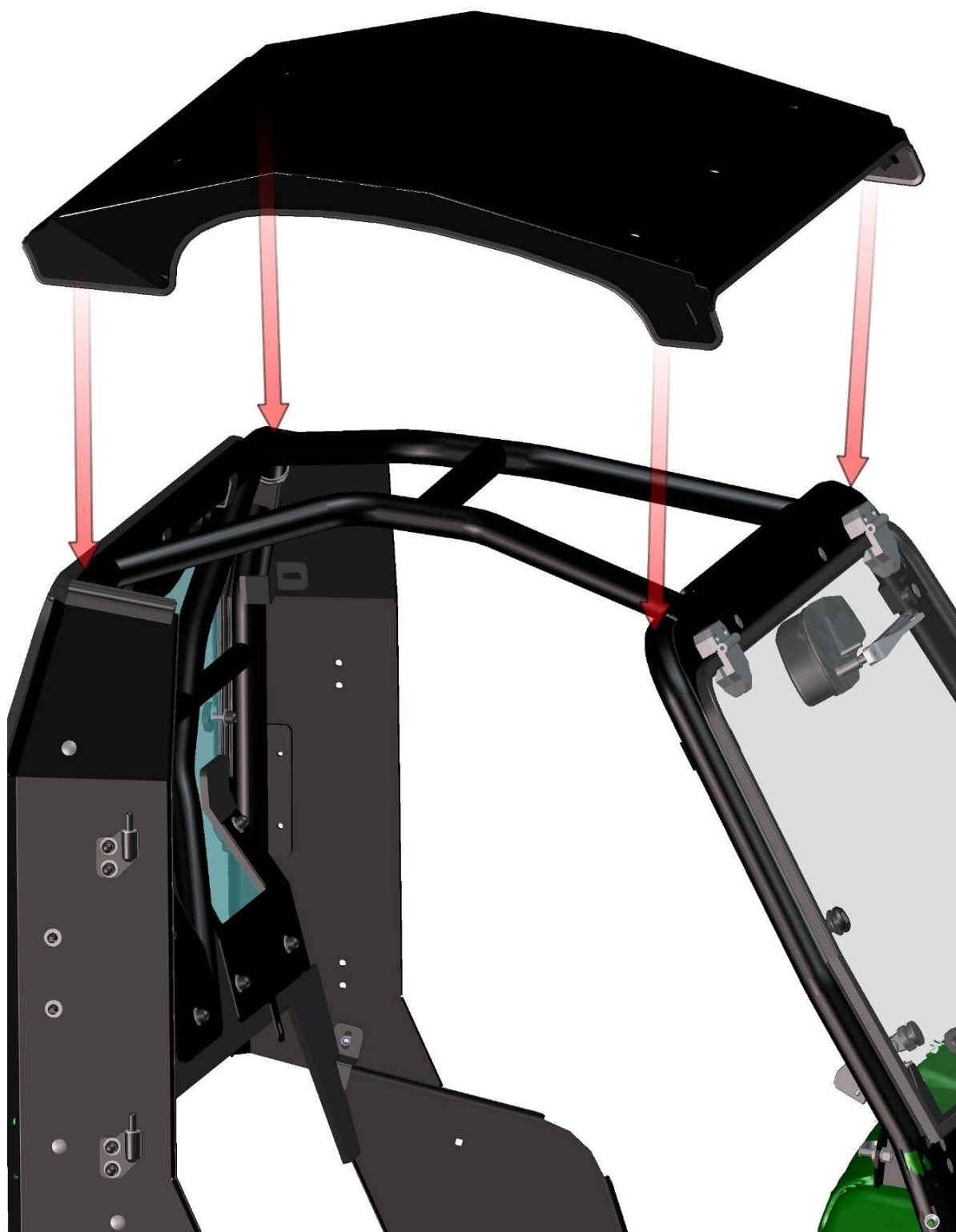
Fix the window with the rear bottom ledge by screws, washers, nuts and covers.



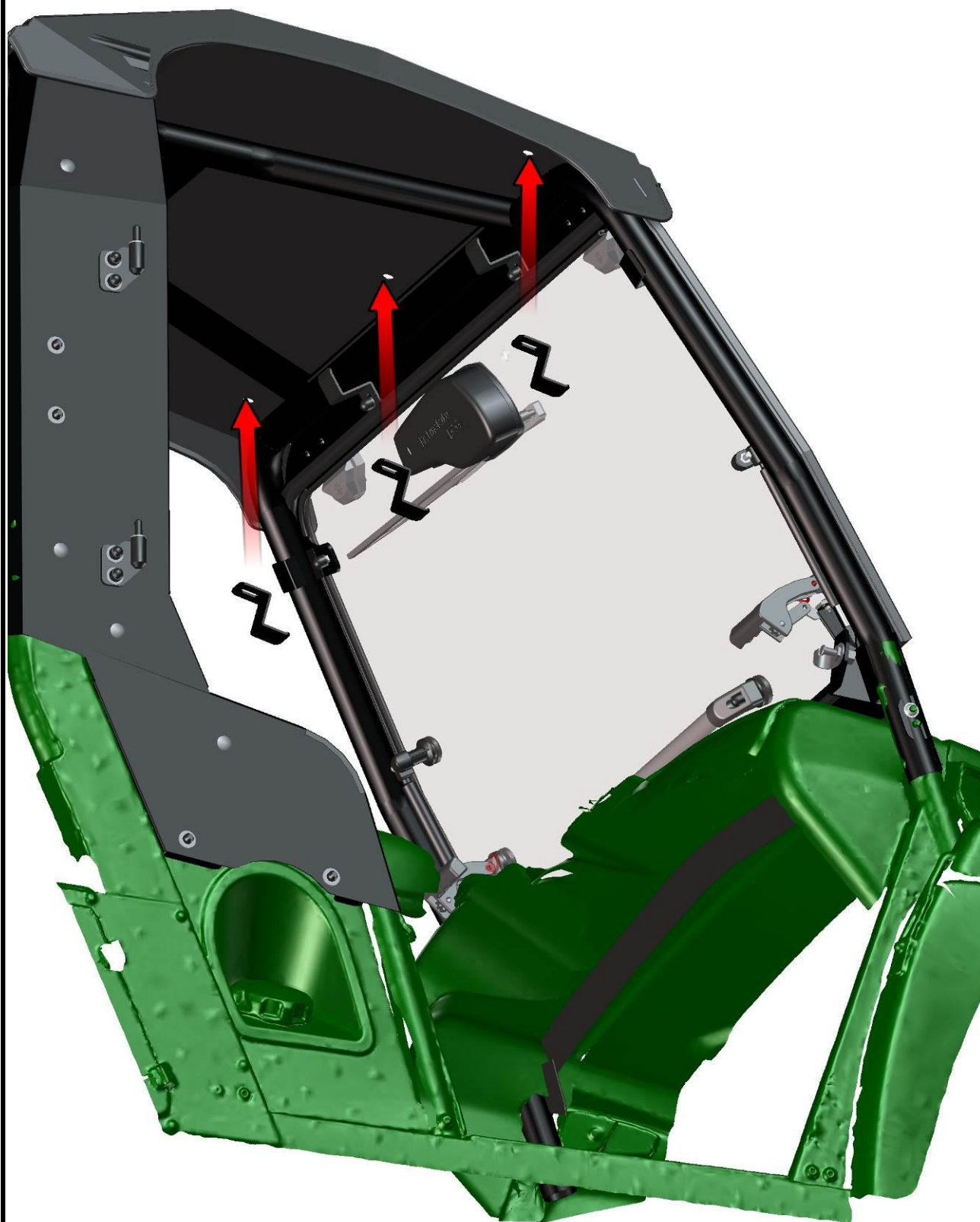
Please be careful to not break the plastic washers, if you are tightening screws with plastic washers use maximal power 3,7 foot-pound force (5Nm)!!!

ROOF

Place the roof onto the roller cage and adjust to best position.

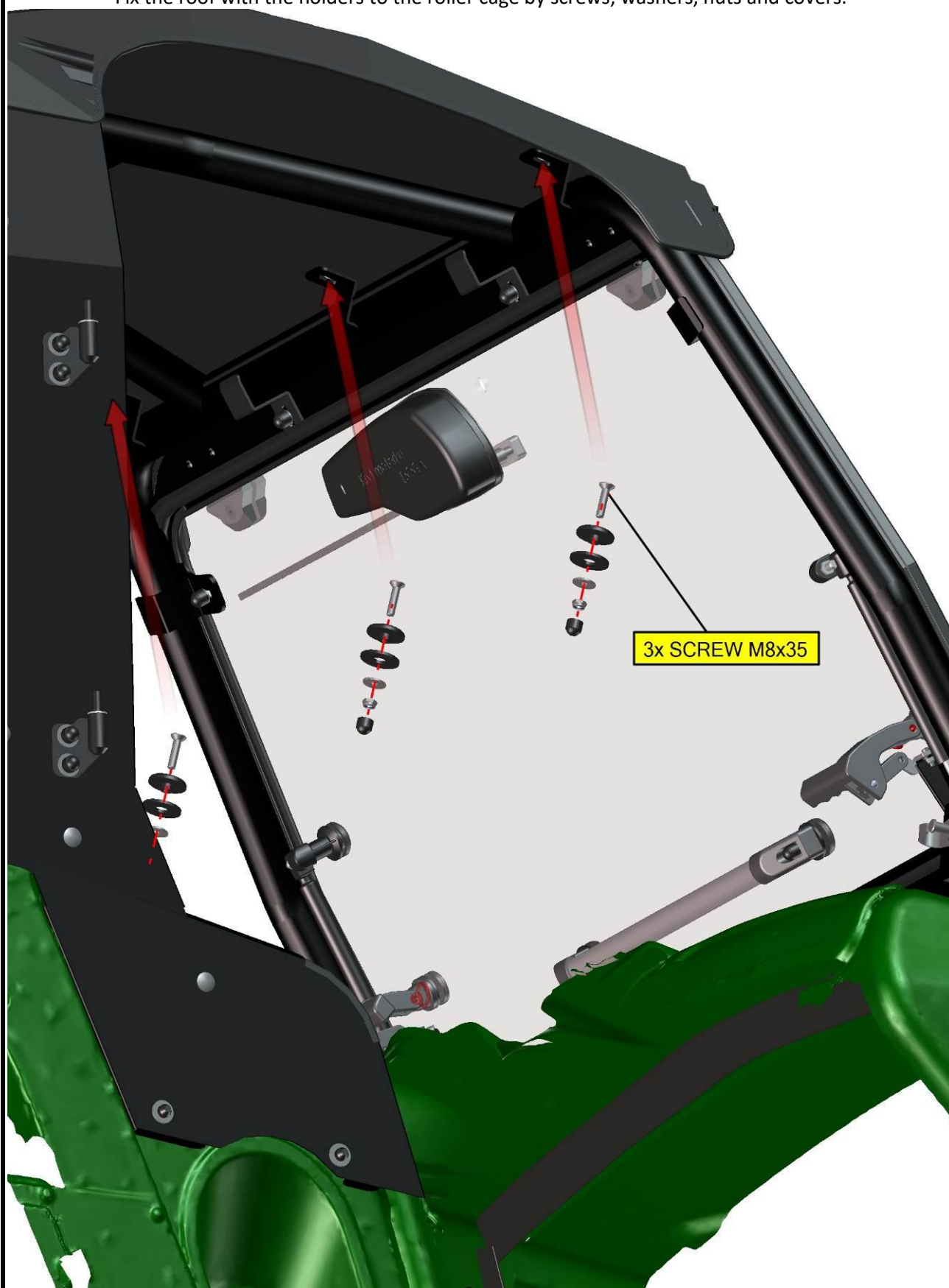


Place the roof holders onto the roof and onto the roller cage.



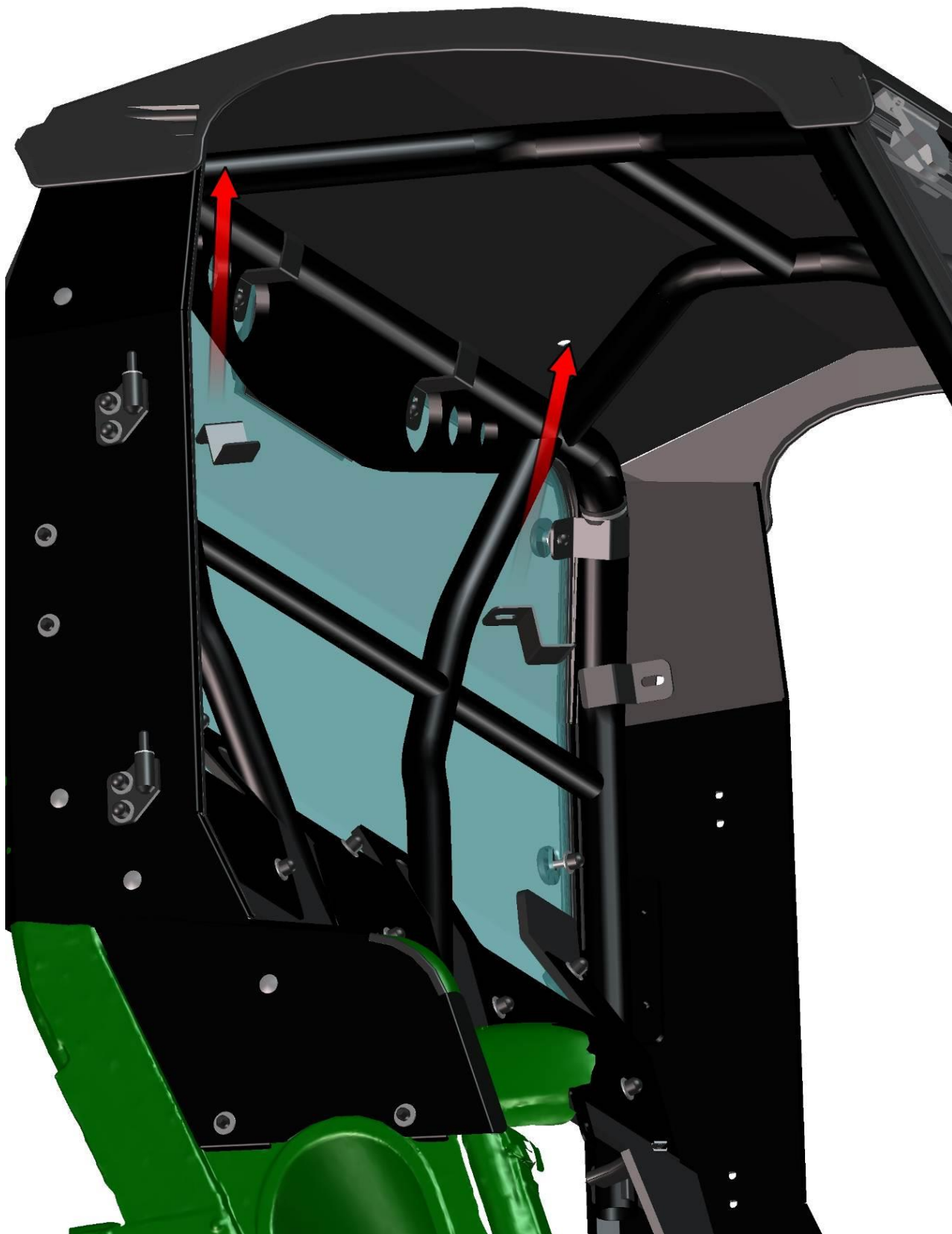
75

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

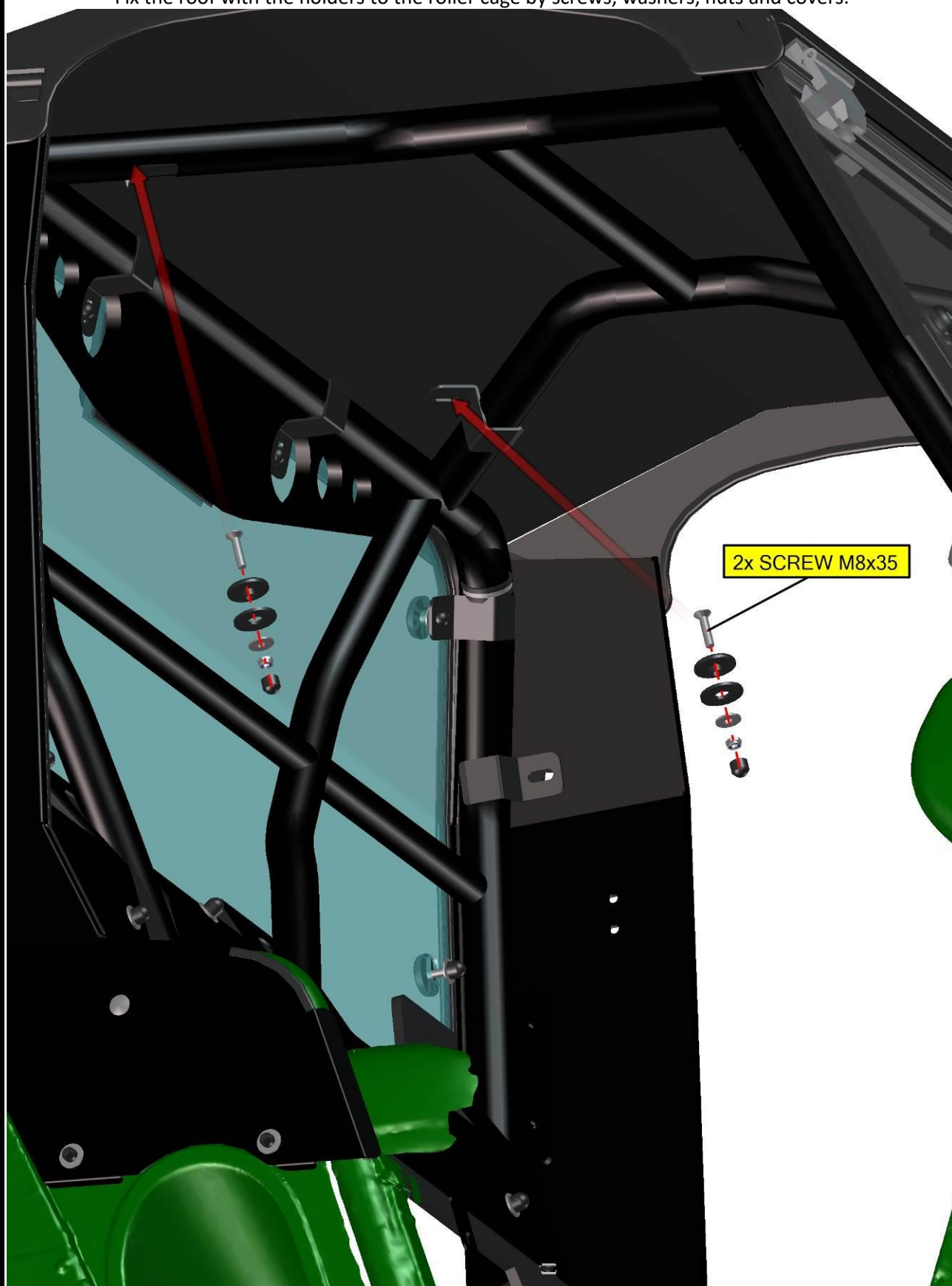


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Place the roof holders onto the roof and onto the roller cage.



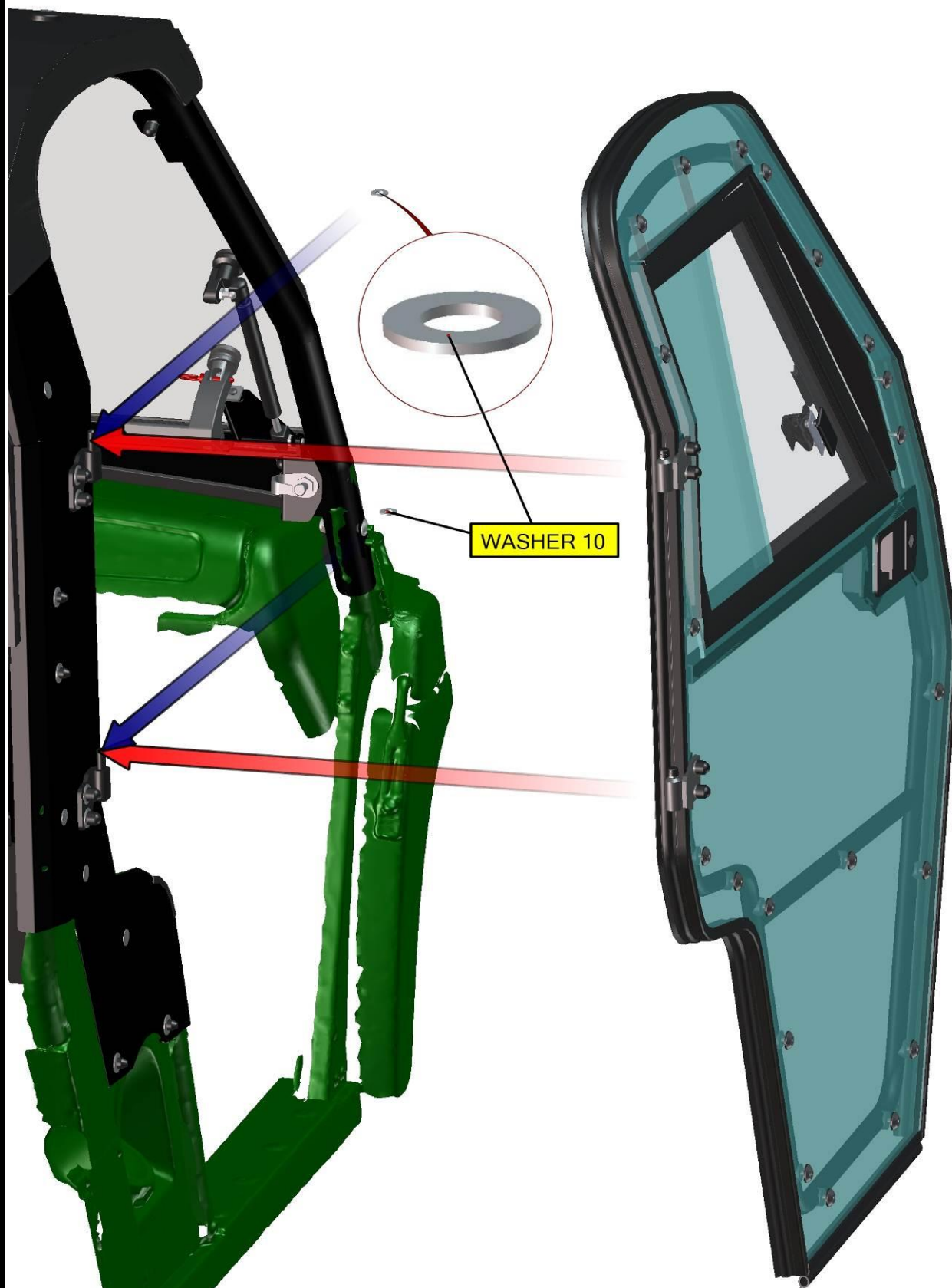
Fix the roof with the holders to the roller cage by screws, washers, nuts and covers.



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LEFT DOOR + RIGHT DOOR 2.

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



Adjut the door by the hinges to best position and tighten hinges nuts hard.



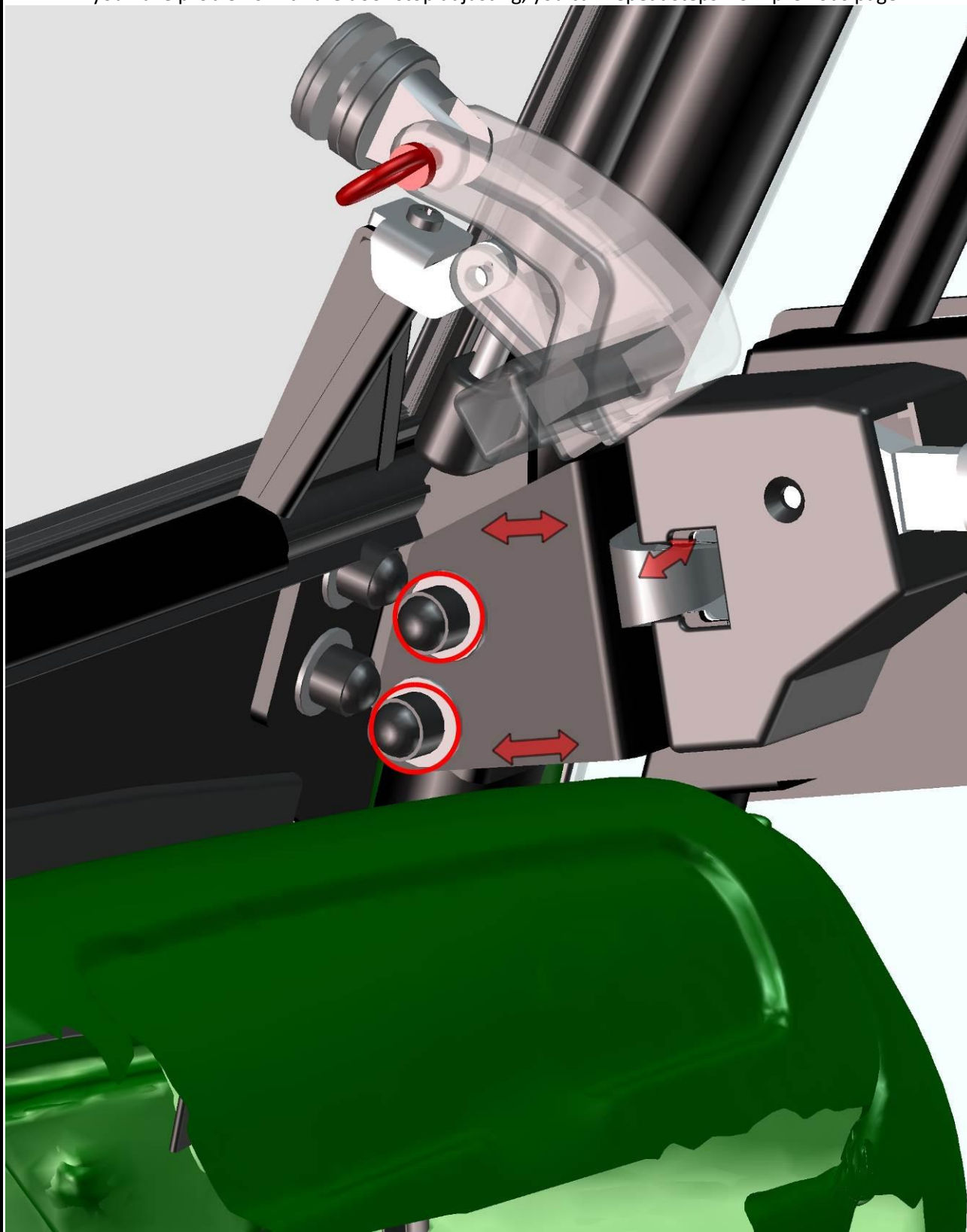
80

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

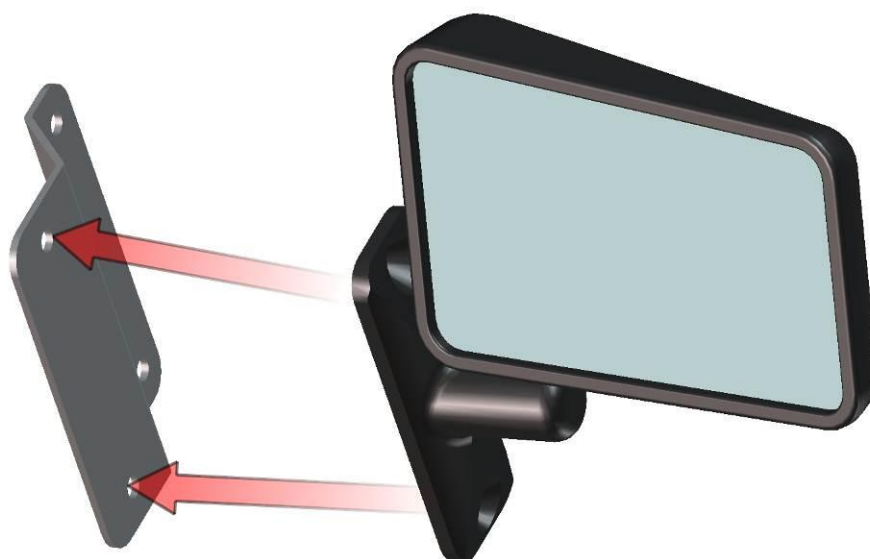
If you adjust the door stop correctly and close door slowly, you can hear 2! clear metallic click.

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.



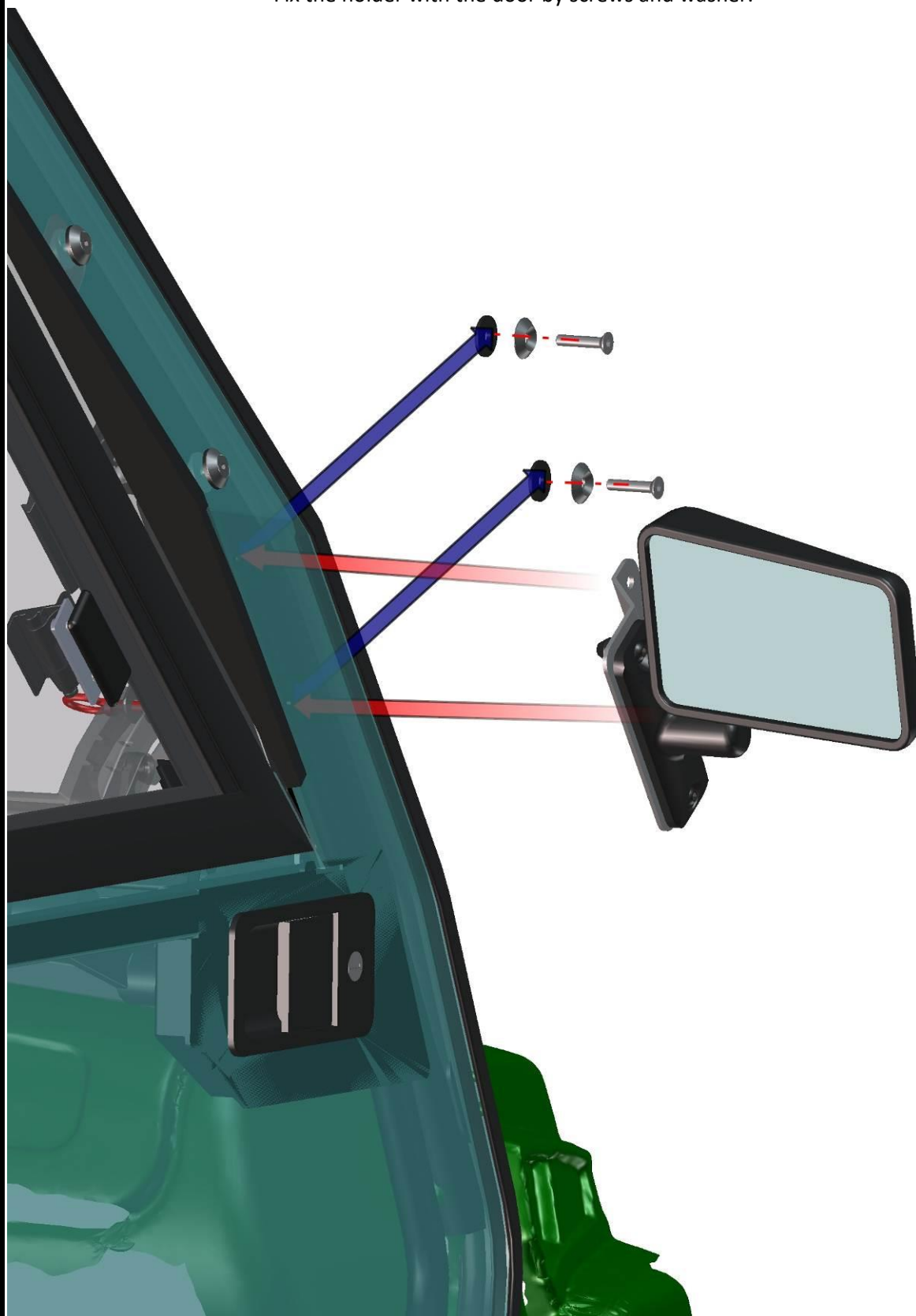
Place the right mirror onto the mirror holder.



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



Uninstall screws and washers from the door. Place the mirror assembly onto the door panel.
Fix the holder with the door by screws and washer.



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The left door installation is similar with the right door installation, just repeat previous steps with left parts.