



INSTALLATION INSTRUCTIONS

KAWASAKI

1000 FXR



SAFETY INSTRUCTIONS

READ PROPERLY COMPLETE ASSEMBLY INSTRUCTIONS BEFORE STARTING OF ASSEMBLY

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

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.

It is necessary to check the air filter of the heater regularly, depending on the dust environment in which the vehicle is operated.

PREPARATION FOR INSTALLATION

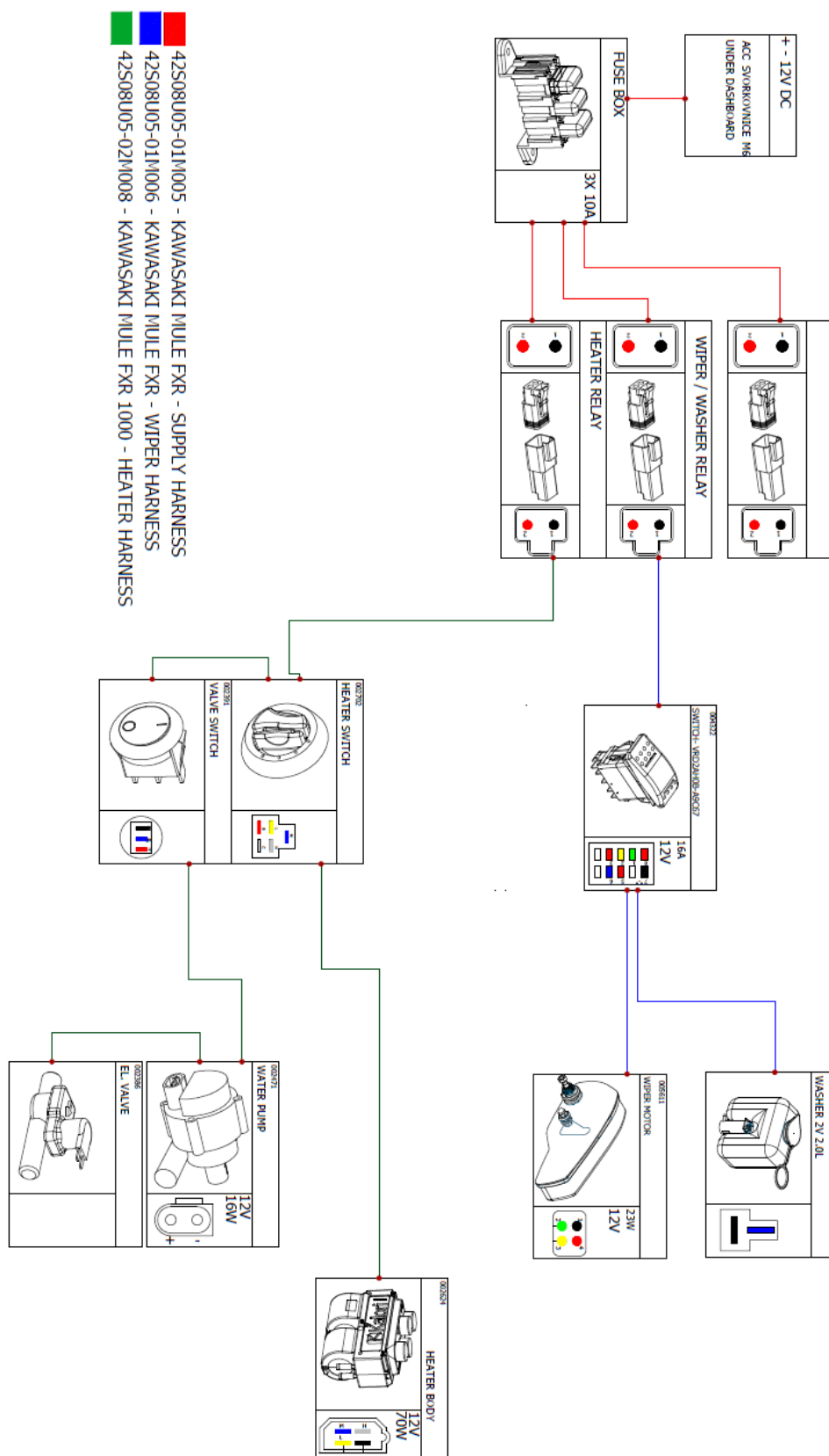
Uninstall all additional systems from the forklift frame (work lights, rear mirrors, drink holders etc.)

CAB PREVIEW



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Electro connection scheme.



Remove front hood plastic parts and put them aside.



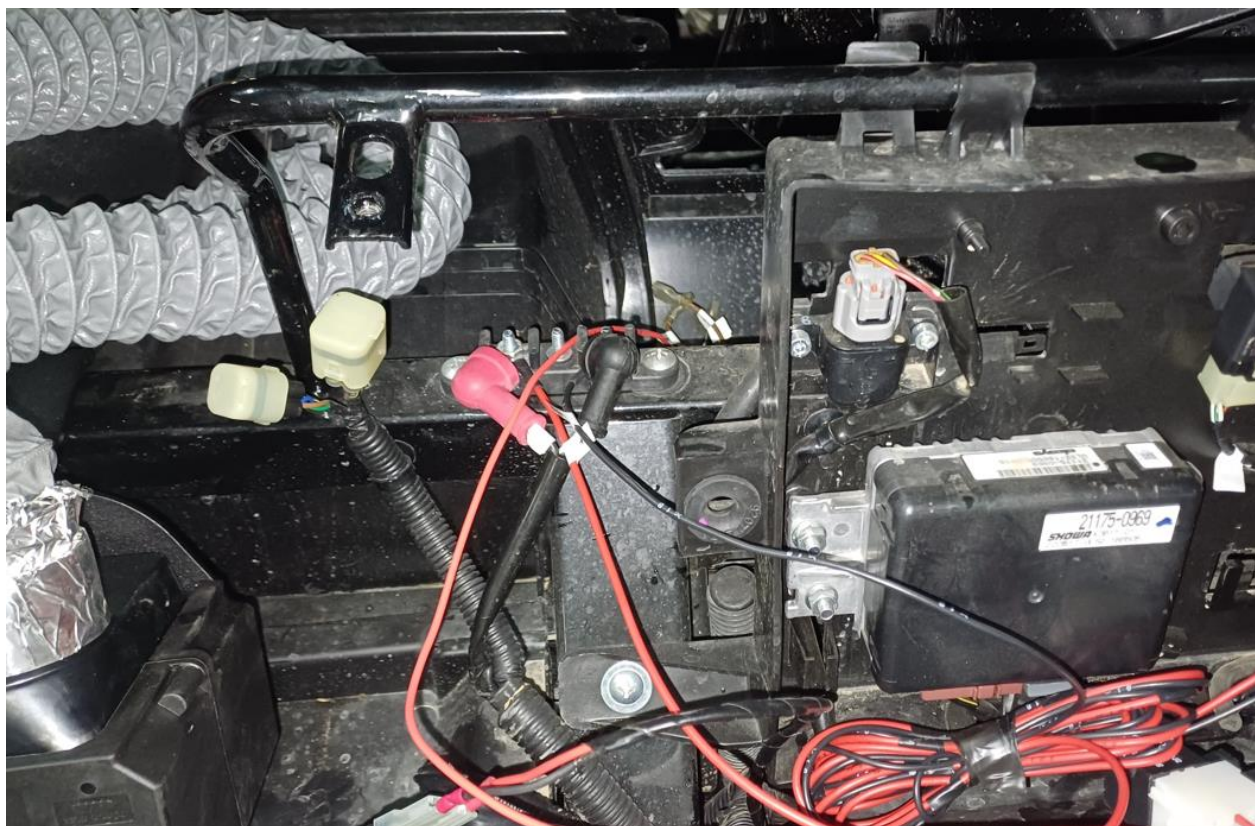
6

Remove black plastic part. Before removal remove plastic tube from cooling container.

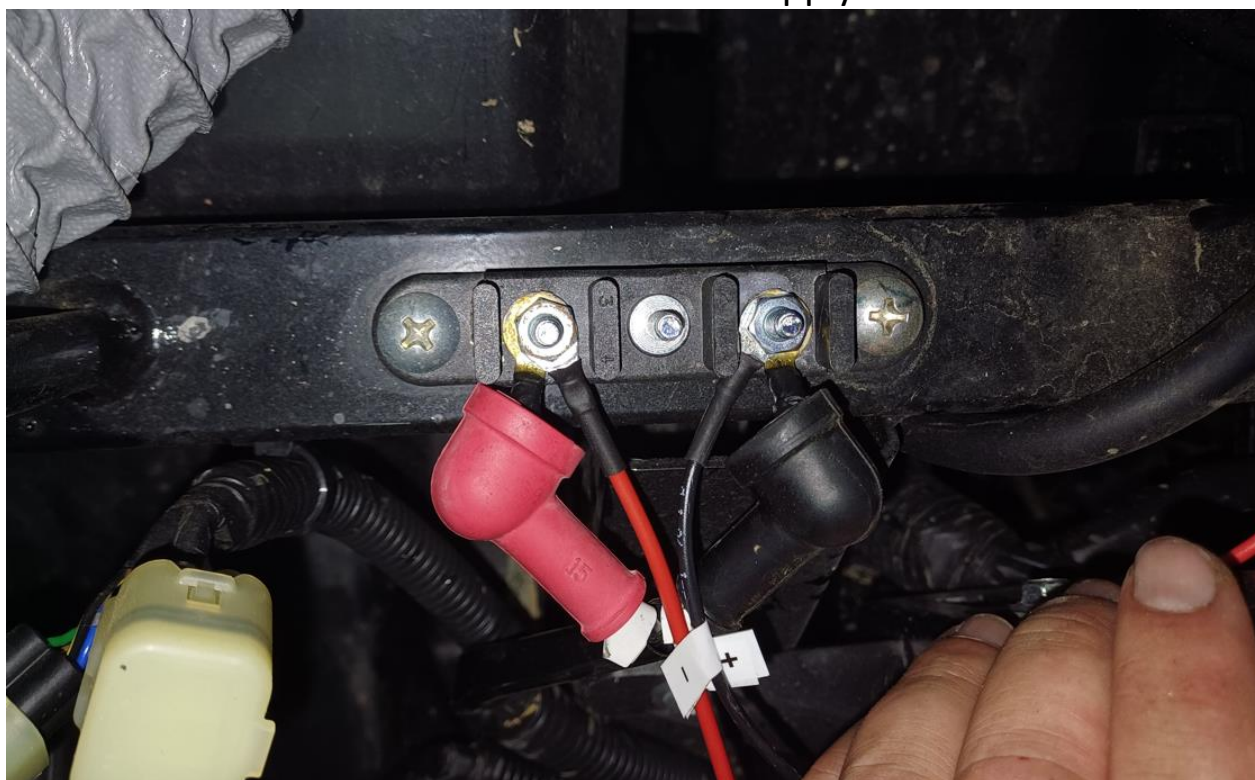


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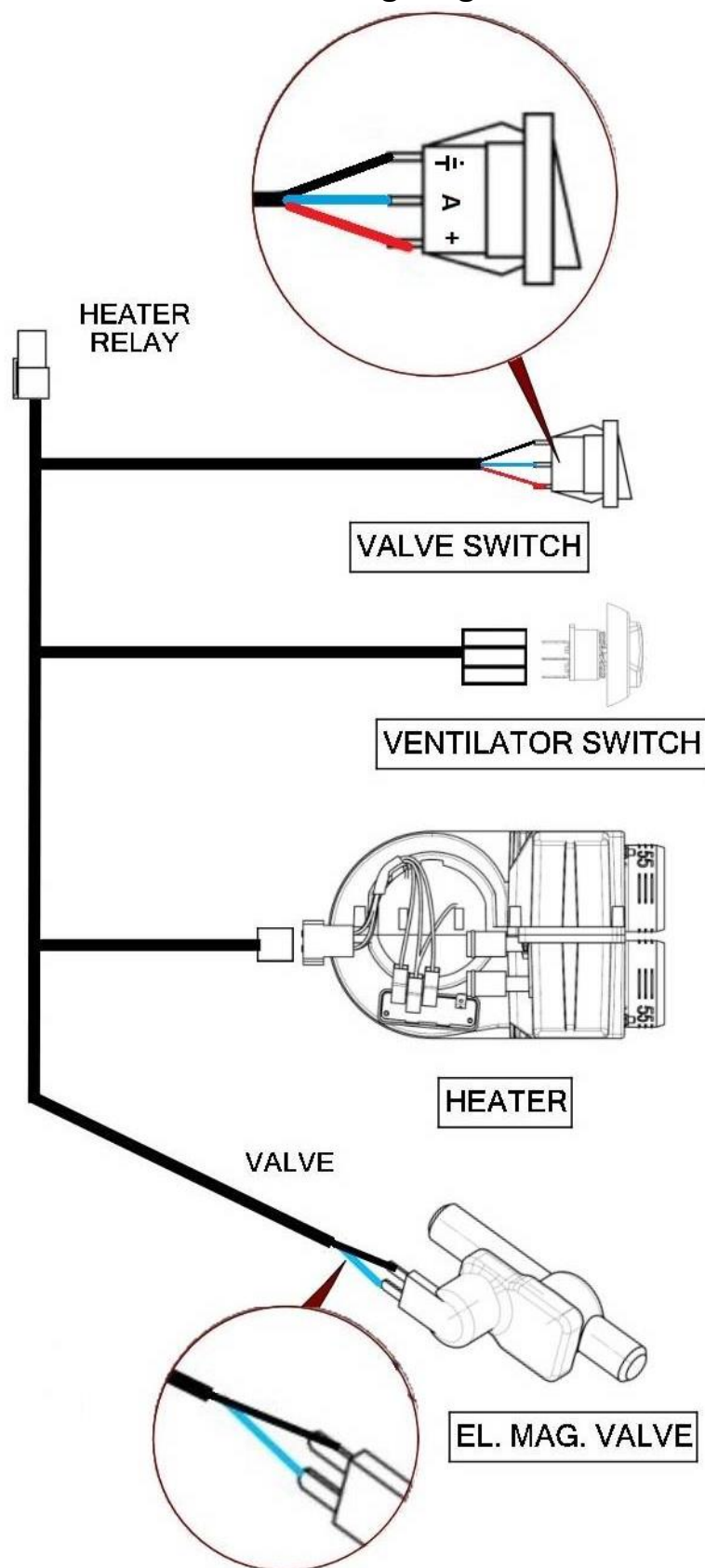
Connect the power supply harness branch to the original electroinstallation.



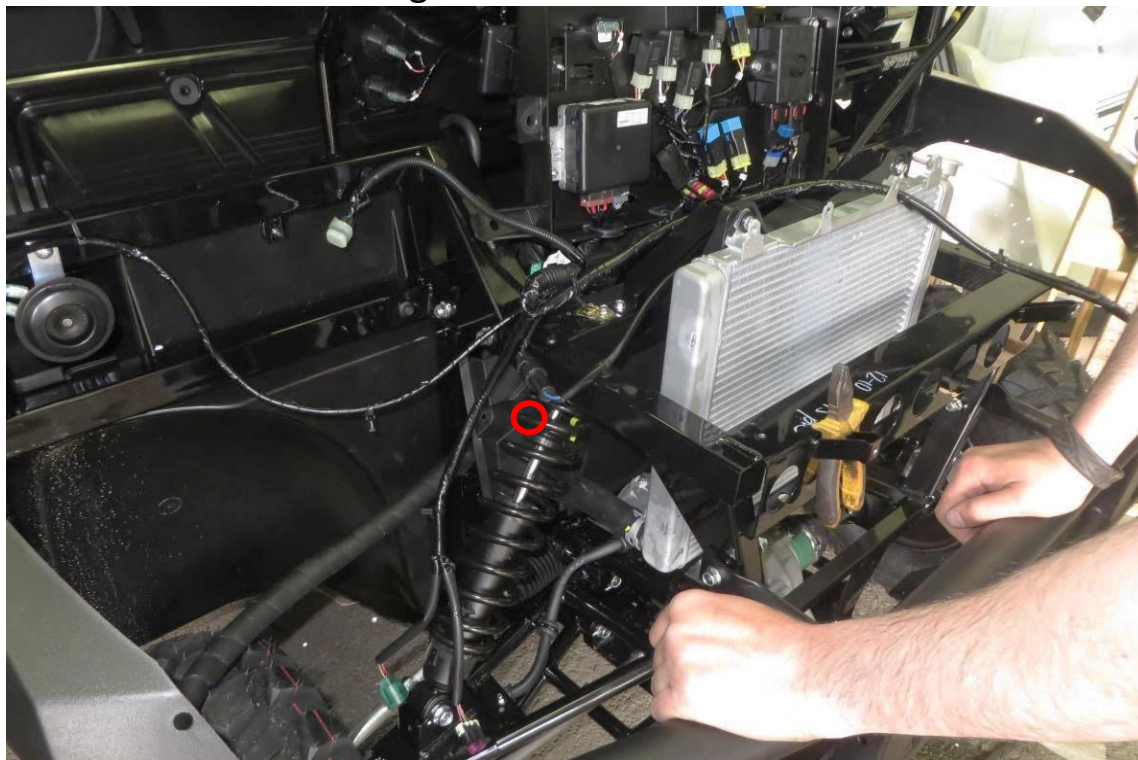
Detailed view of connected supply harness.



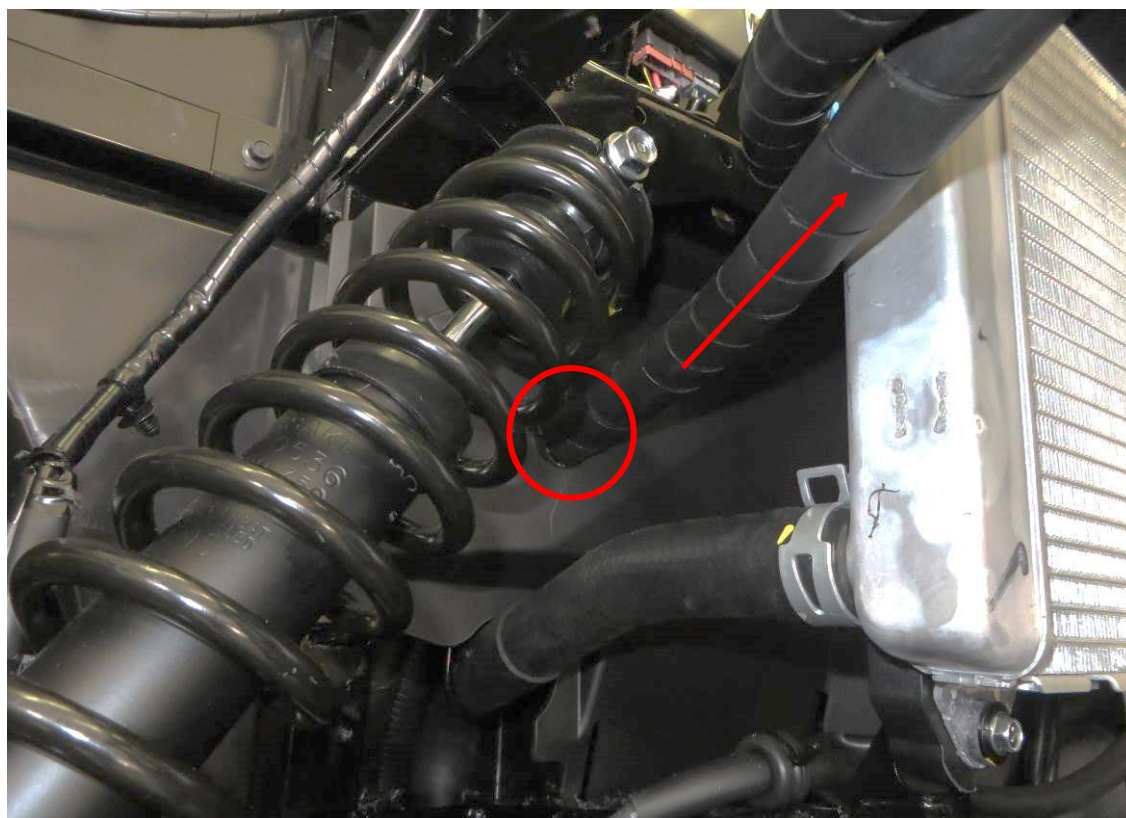
Heater wiring diagram.



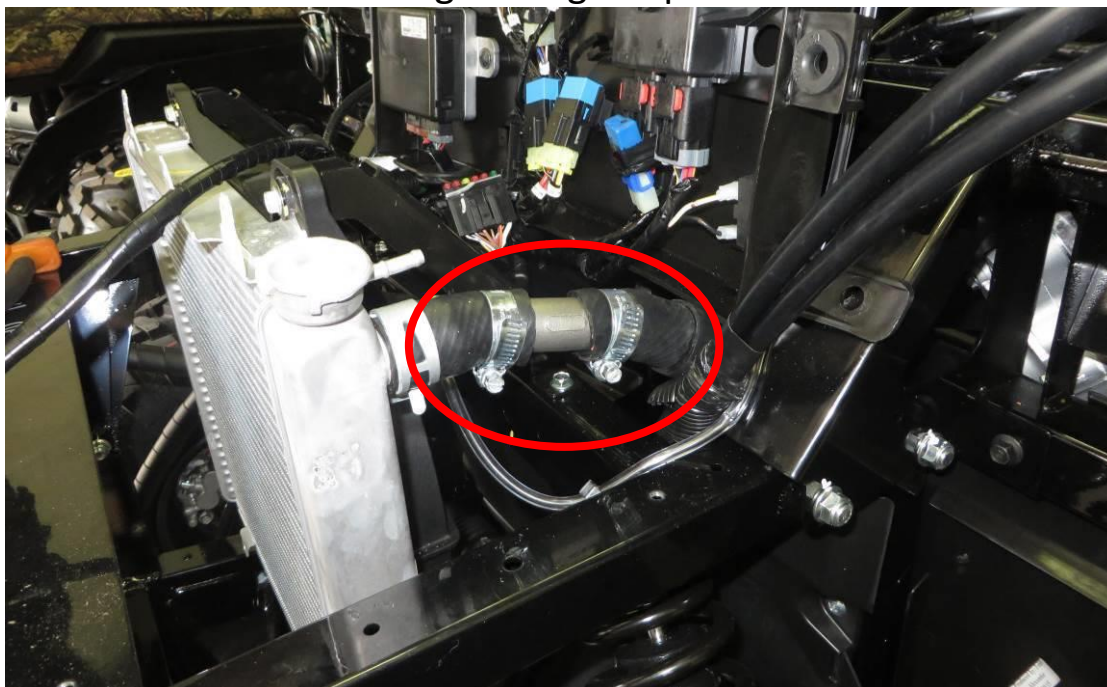
Drill hole $\varnothing 25\text{mm}$ into the front plastic cover (red circle) and route the hot water hose through.



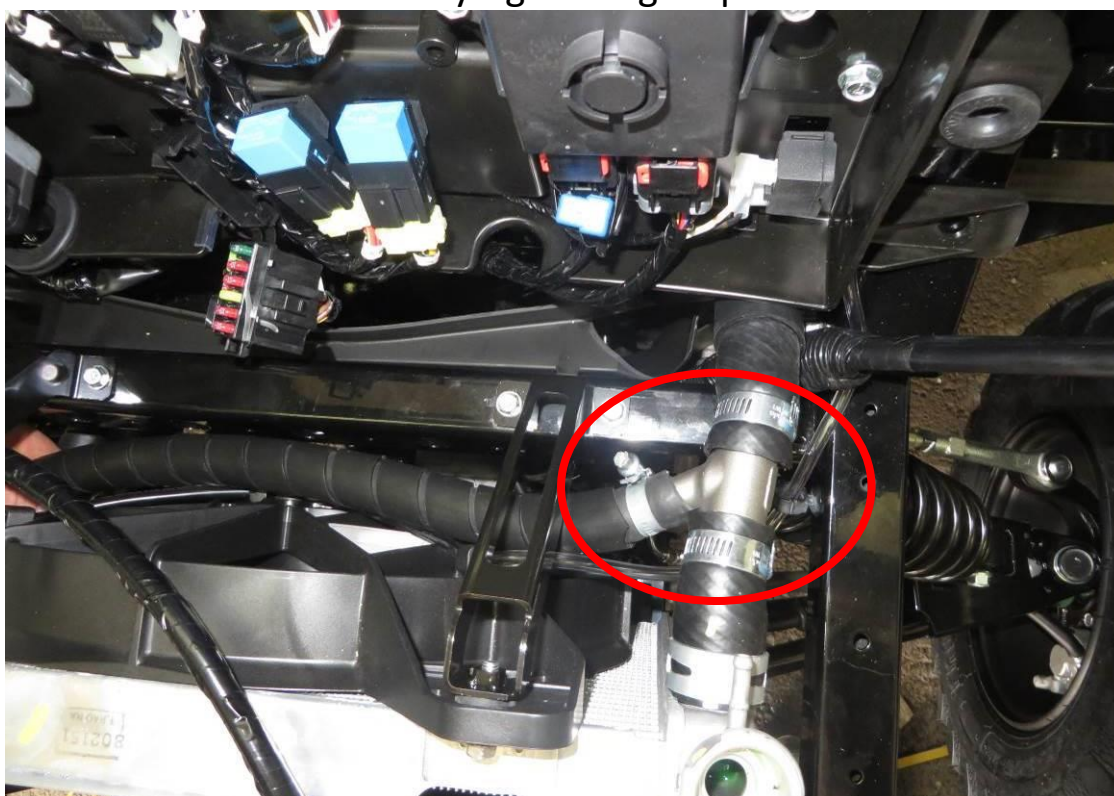
DETAILED VIEW



Secure the original cooling system hose by clamps and cut the hose between the clamps. Install “Y” pipe fitting to the hose and secure by tightening straps.



Connect the heater output hot water hose to the “Y” pipe fitting and fix by tightening strap.



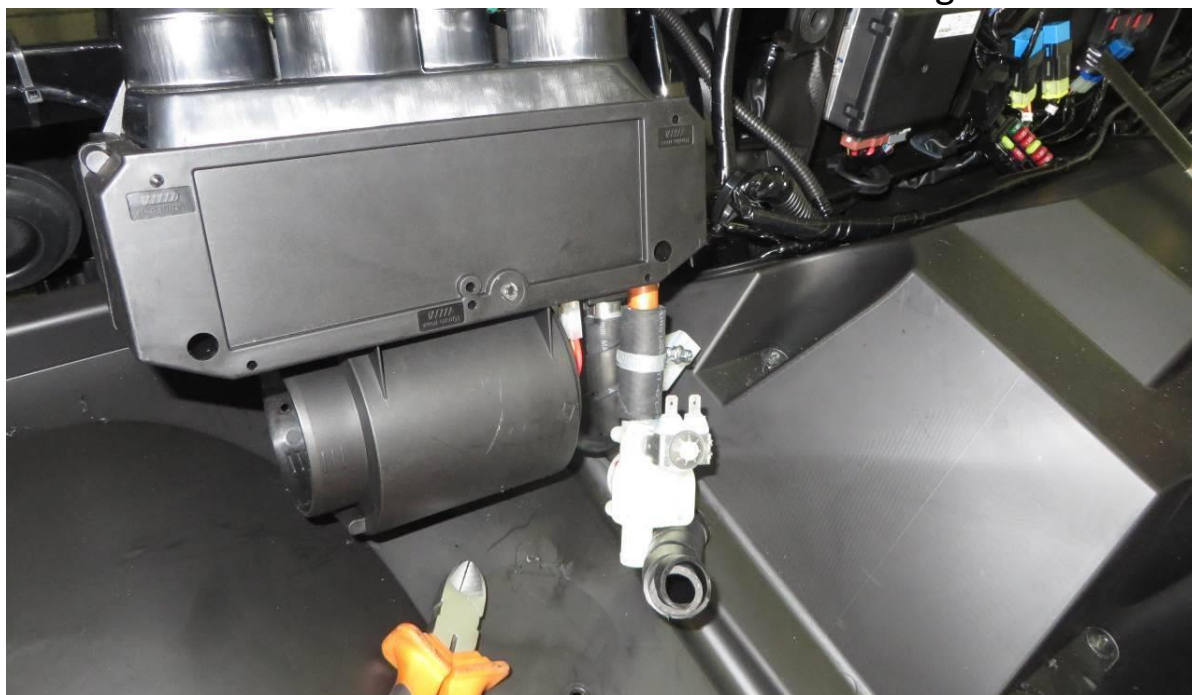
Cut the heater hose near “Y” coupling from previous page.
Install the air vent valve into the hose and fix by tightening straps.



Drill 2 holes $\varnothing 25\text{mm}$ (red circle) for the hot water hoses into the front boot bottom cover. Install the cover back and route the hose through.



Place the heater with the pre-installed el. valve into the position and fix the heater holder to the UTV front ledge.



Install the the hot water hose from the engine onto the el. valve and the second hose onto the free heater tube. Fix hose by tightening straps and tighten them hard.



Carefully cut the hole $\varnothing 77\text{mm}$ into the bottom part of the dashboard on both sides.



Carefully cut the hole $\varnothing 55\text{mm}$ into the upper part of the dashboard on both sides.



Route the pre-installed hot air hoses PVC under the dashboard to the holes and lead them through the holes.



Install the air vents onto the hot air hoses PVC and fix by tightening straps.

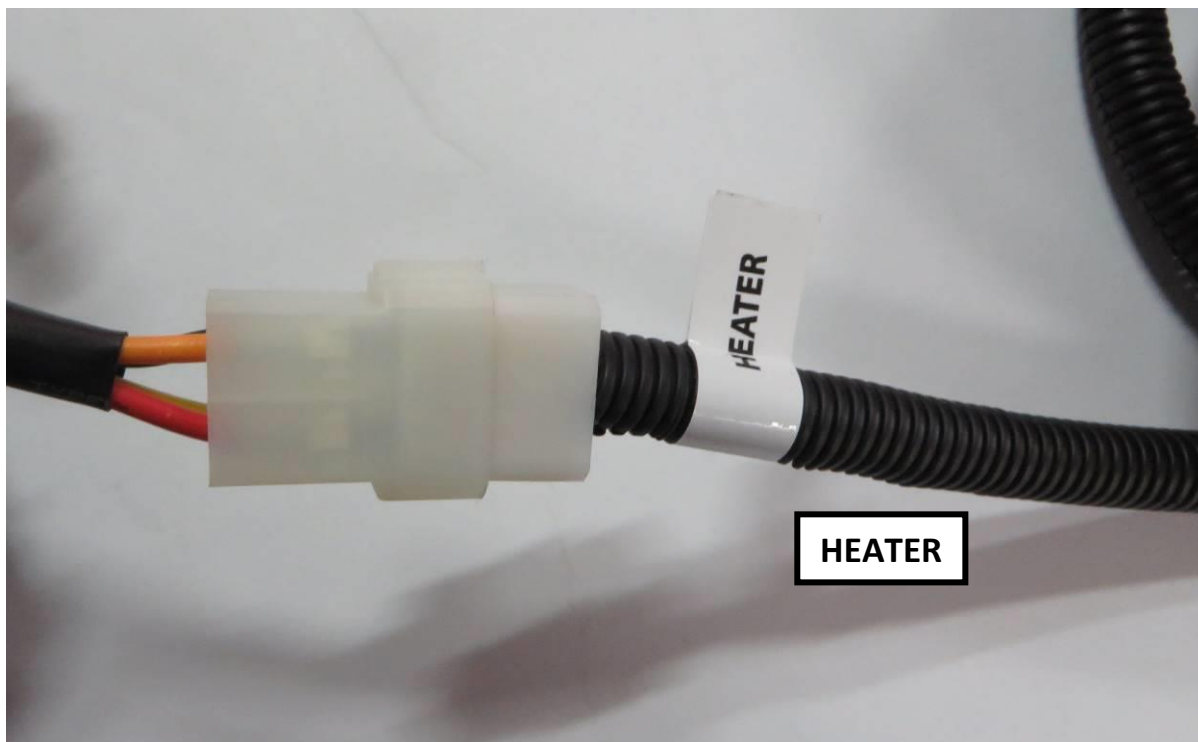


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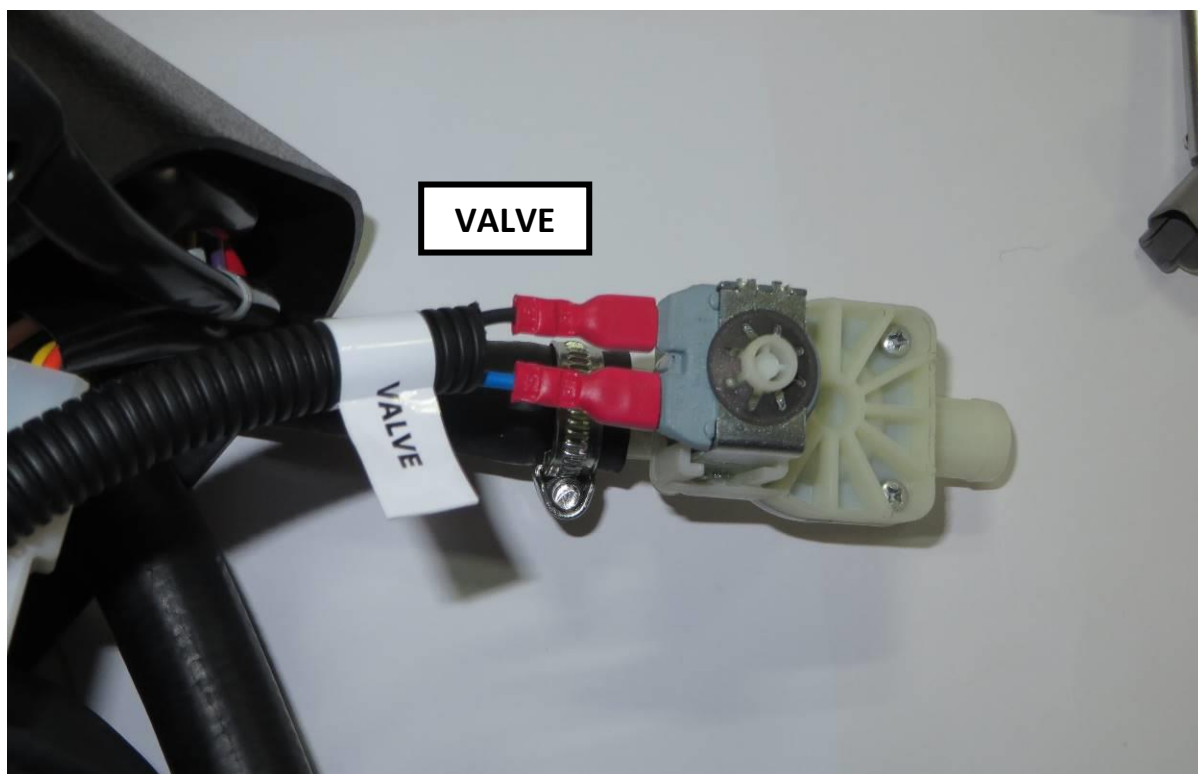
Press the air vents into the dashboard on both sides.



Connect the heater harness branch with the heater connector. Detail view.



Connect the valve harness branch with the electromagnetic vent. Detail view.



Drill 1 hole $\varnothing 12\text{mm}$ and 2 holes $\varnothing 2,5\text{mm}$ into the dashboard in accordance with the ventilator switch base.



Route the switch harness branches from the heater to the UTV switch panel. Connect the heater switch body with the harness branch. Insert the switch body with the harness and with the serrated-lock washer into the prepared hole from inside.



Place the switch base onto the dashboard and onto the pin of the switch body. Fix the switch with the switch base to dashboard by nut.



Place the plastic had onto the switch pin.

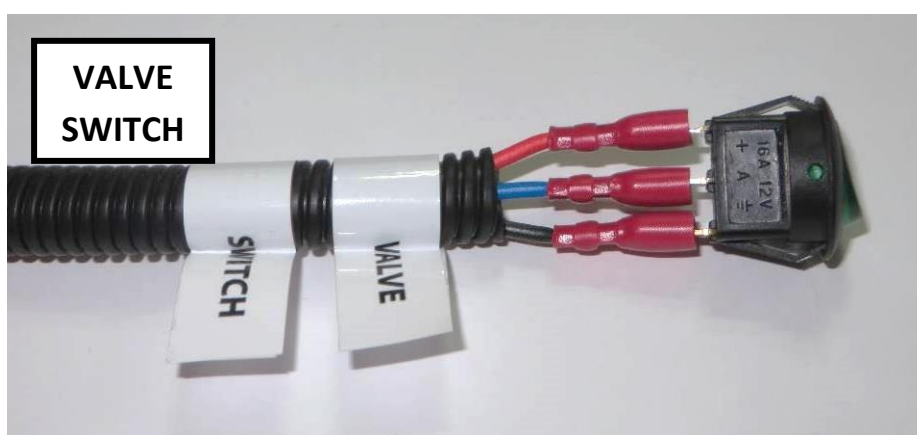
View onto installed heater switch.



Drill hole $\varnothing$ 21 mm (red circle) for electromagnetic vent switch.

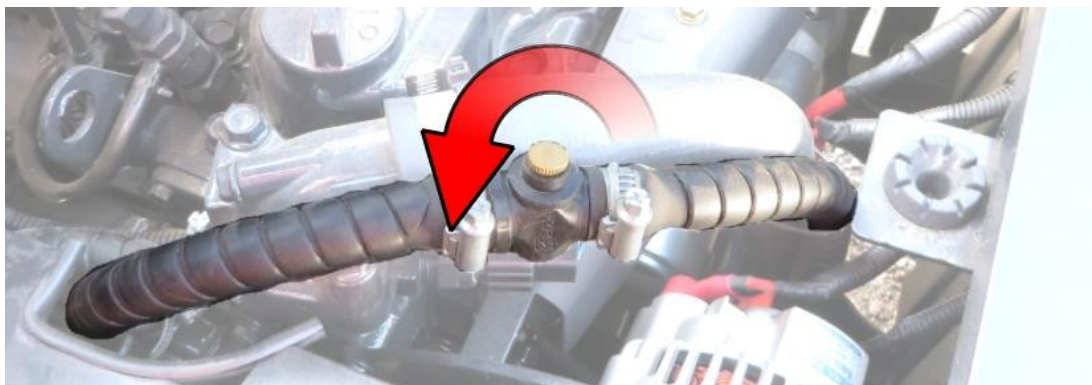


Pull the valve switch harness branch throught the hole from previous step and connect the branch with the switch. Connection detail.



BLEEDING INSTRUCTIONS

- After installing the heater circuit, open the radiator and coolant reservoir of the vehicle and add coolant to both the coolant reservoir and radiator level is up to the MAX line.
- Install coolant reservoir and radiator caps.
- Activate heater fan, turn on the electromagnetic valve and put the heating level to maximum.
- Run engine at idle with coolant reservoir cap ON until the cooling fan cycles two times.
- If a DFK bleeding valve is included in the heater assembly, open it at nominal RPM until a continuous stream of fluid flows out of it.



- Bleed even after the engine has warmed up to operating engine temperature and repeat several times until full flow, without air bubbles, escapes from the bleed plug holes.
- Check for heat coming out of the heater unit.
- Turn the ignition switch off and allow the engine to cool down.
- After the engine cools down check the coolant level in the radiator reserve tank.
- Close all coolant containers and bleeding valve before driving.
- After the test drive, check the coolant level in the radiator reserve tank and add coolant as necessary.
- Check for leaks in the entire heating circuit. Leaks can cause additional aeration.

Connect the washer harness branch and washer tube to the washer motor.



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Install the washer tank into the front boot space.



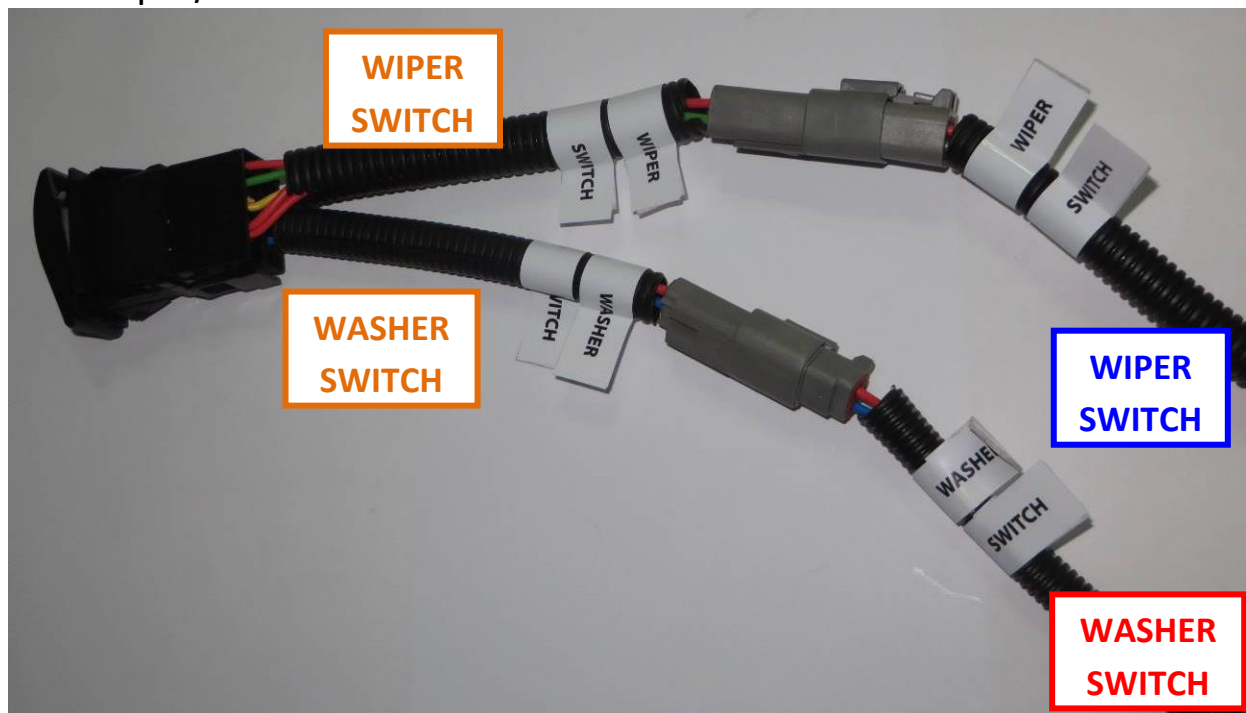
Route the wiper harness branch with the washer tube along the right roller cage ledge.



Route the wiper switch and the washer switch branches through the rectangle hole (red marked) in the dashboard.



Connect the wiper switch branch and the wiper switch branch with the wiper/washer switch harness.



Press the switch into the dashboard.

INSTALL ALL PLASTIC COVERS BACK.



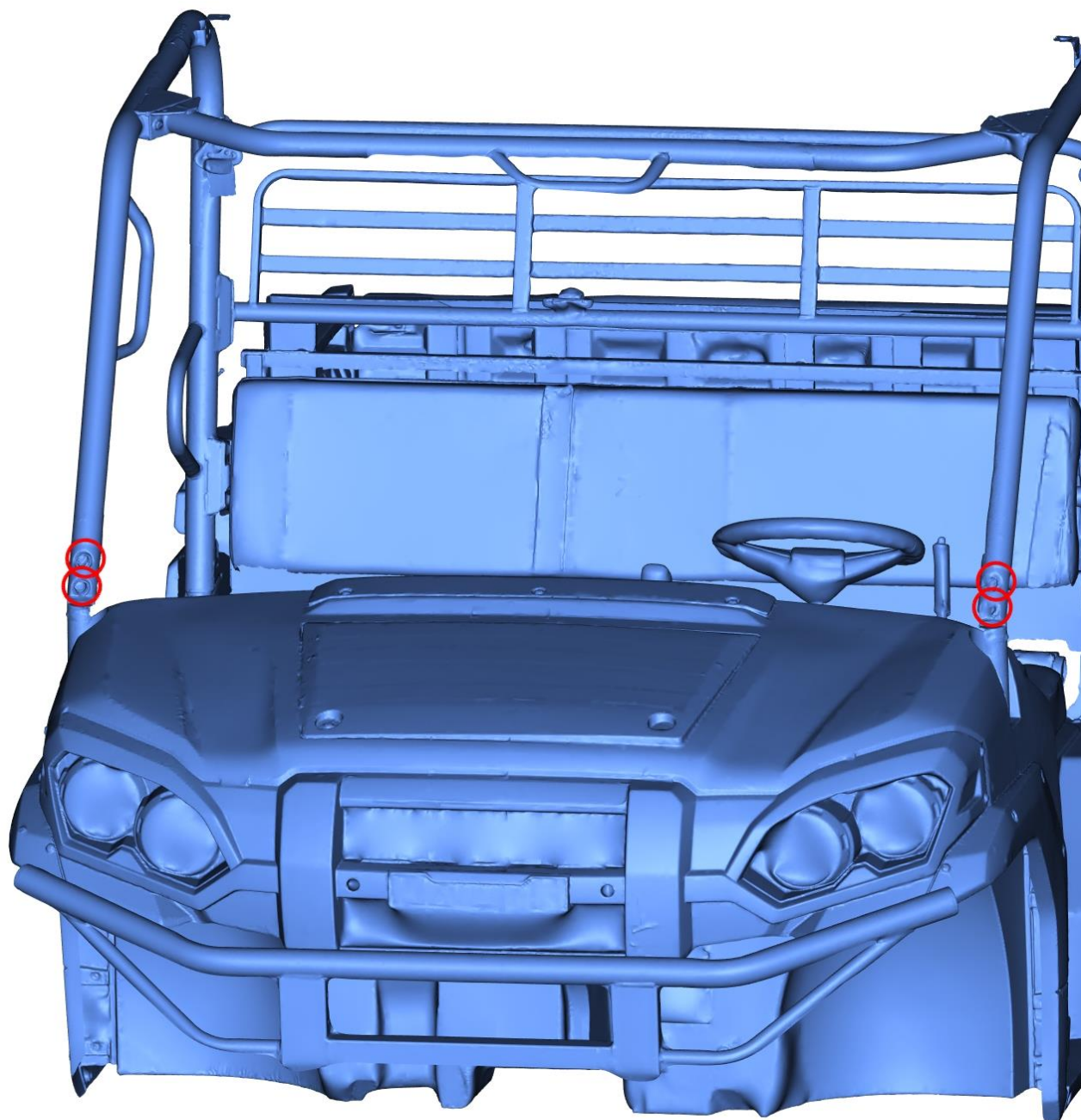
FRONT PANEL

Remove both bottom ledge brackets.

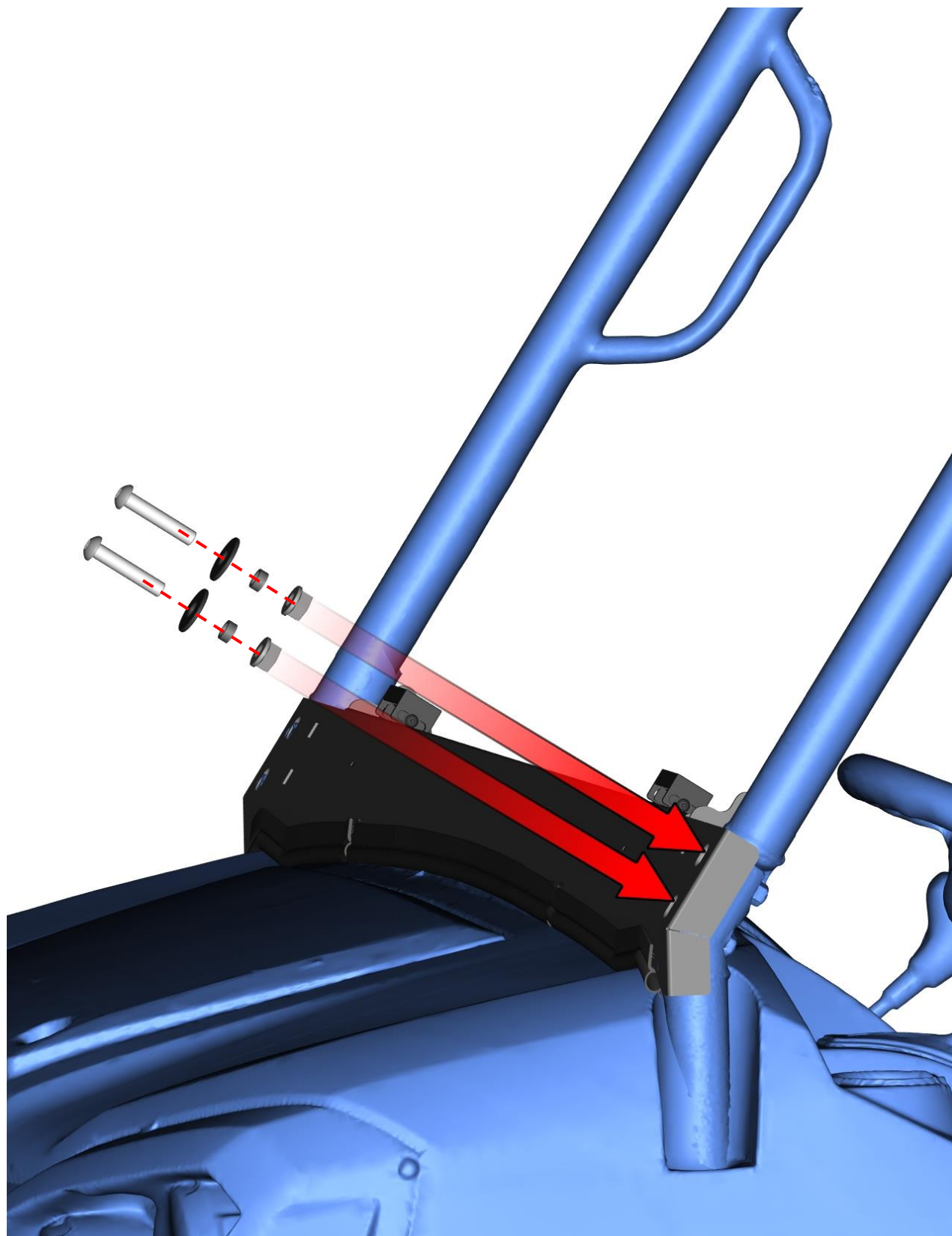


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Remove original screws holding the rops.

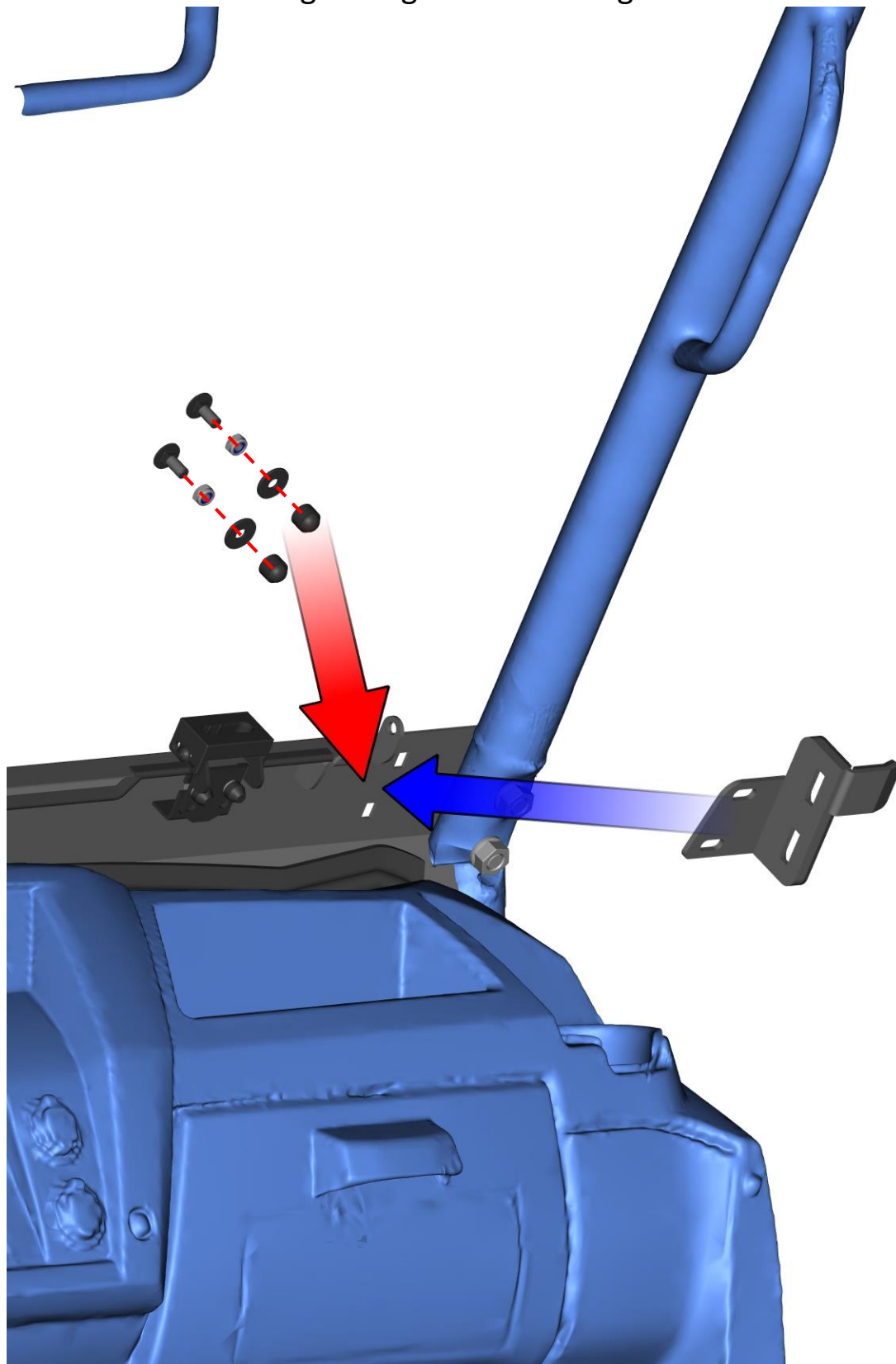


Fix front bottom ledge onto the original holes in rops. Use included fixing kit on both sides.

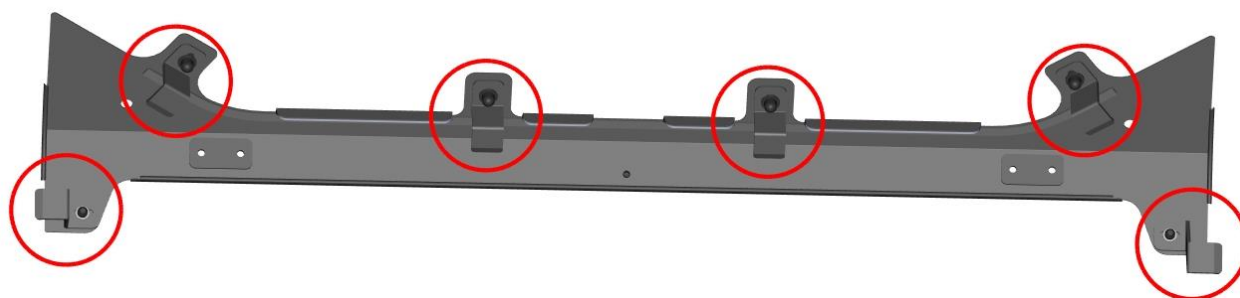


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Place back side brackets in accordance with the holes. Fix brackets with bottom ledge using included fixing kit on both sides.

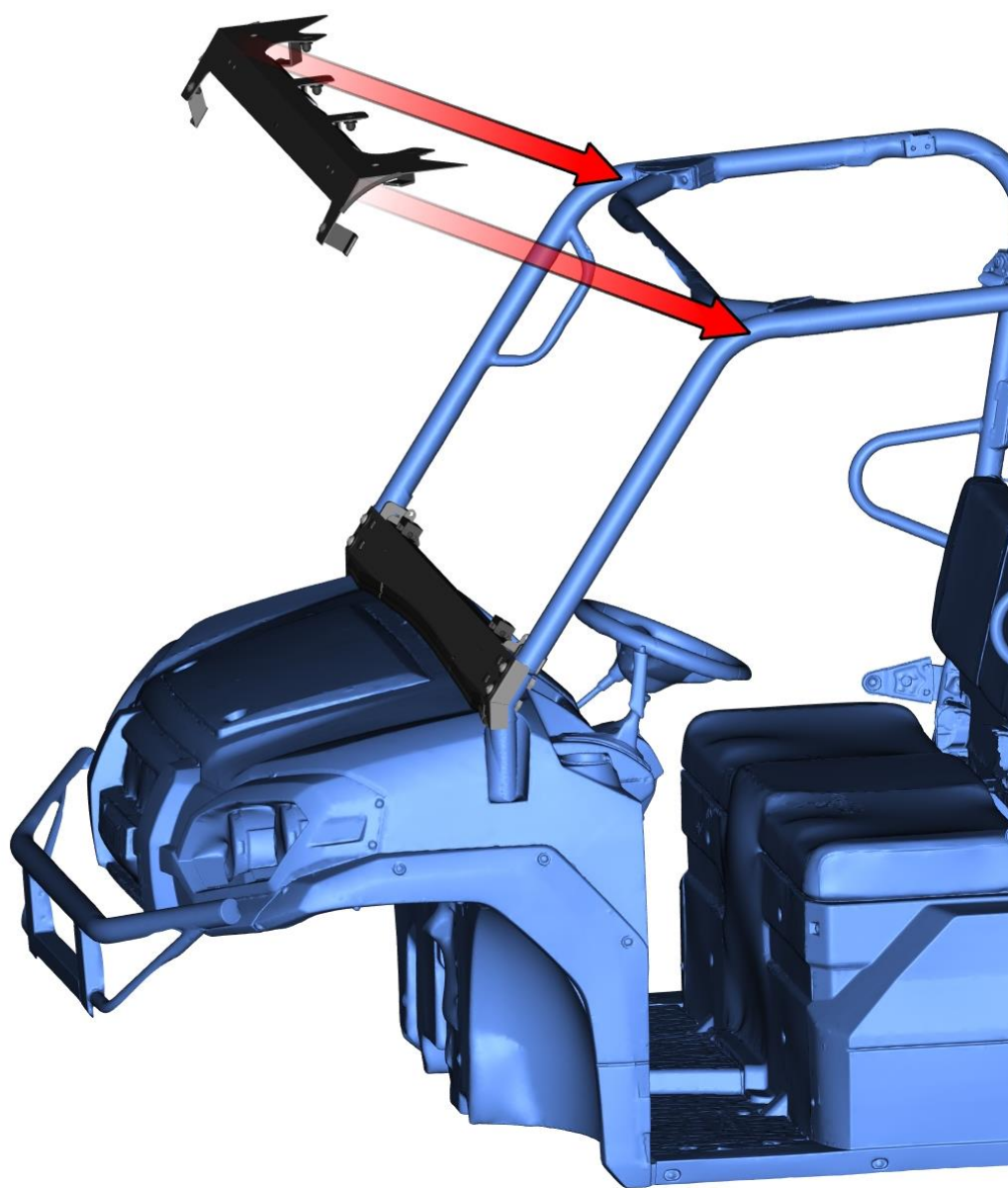


Loosen all brackets on the front upper ledge and turn them into the neutral position.

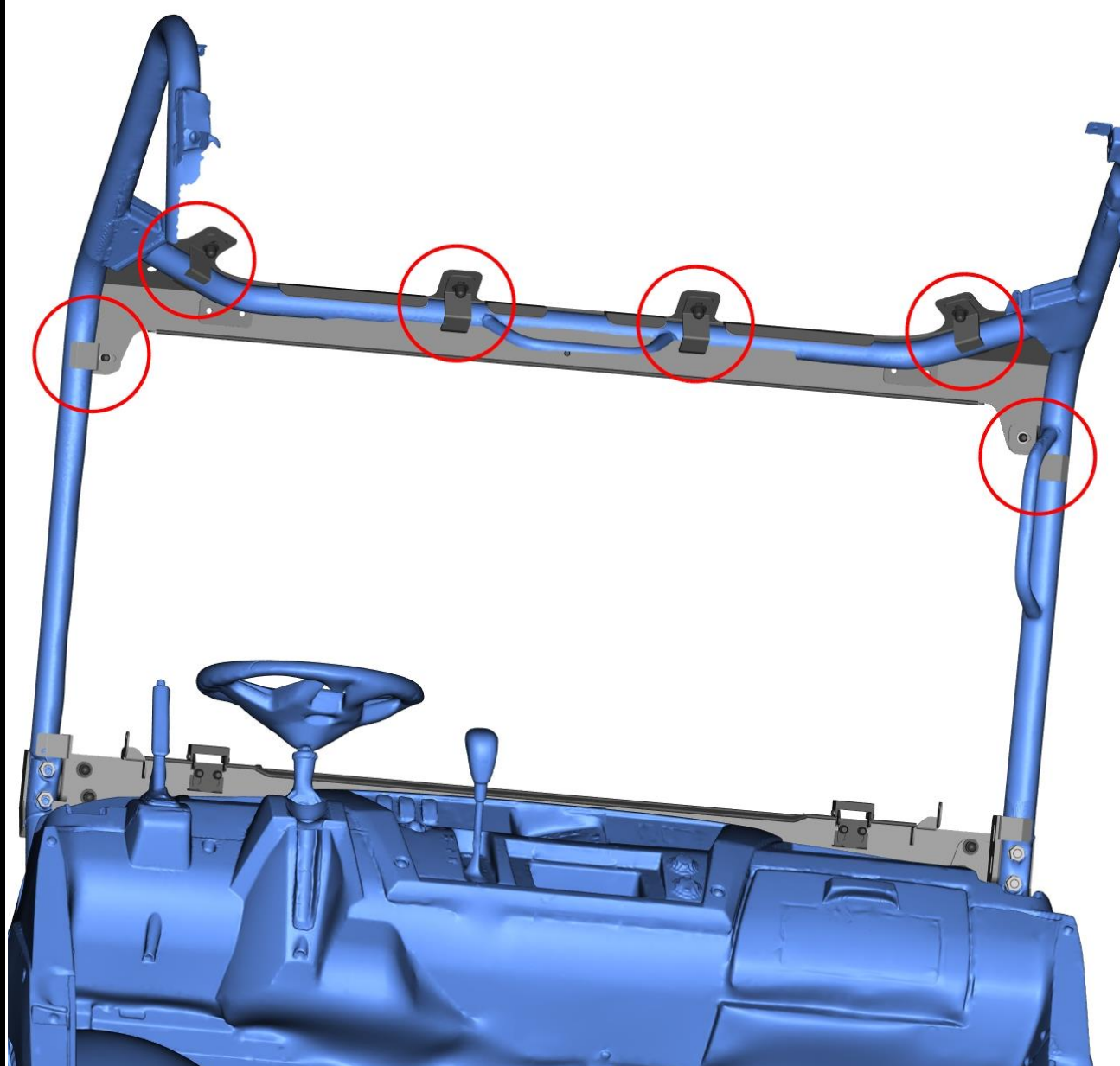


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Place upper ledge onto the front rops bar.

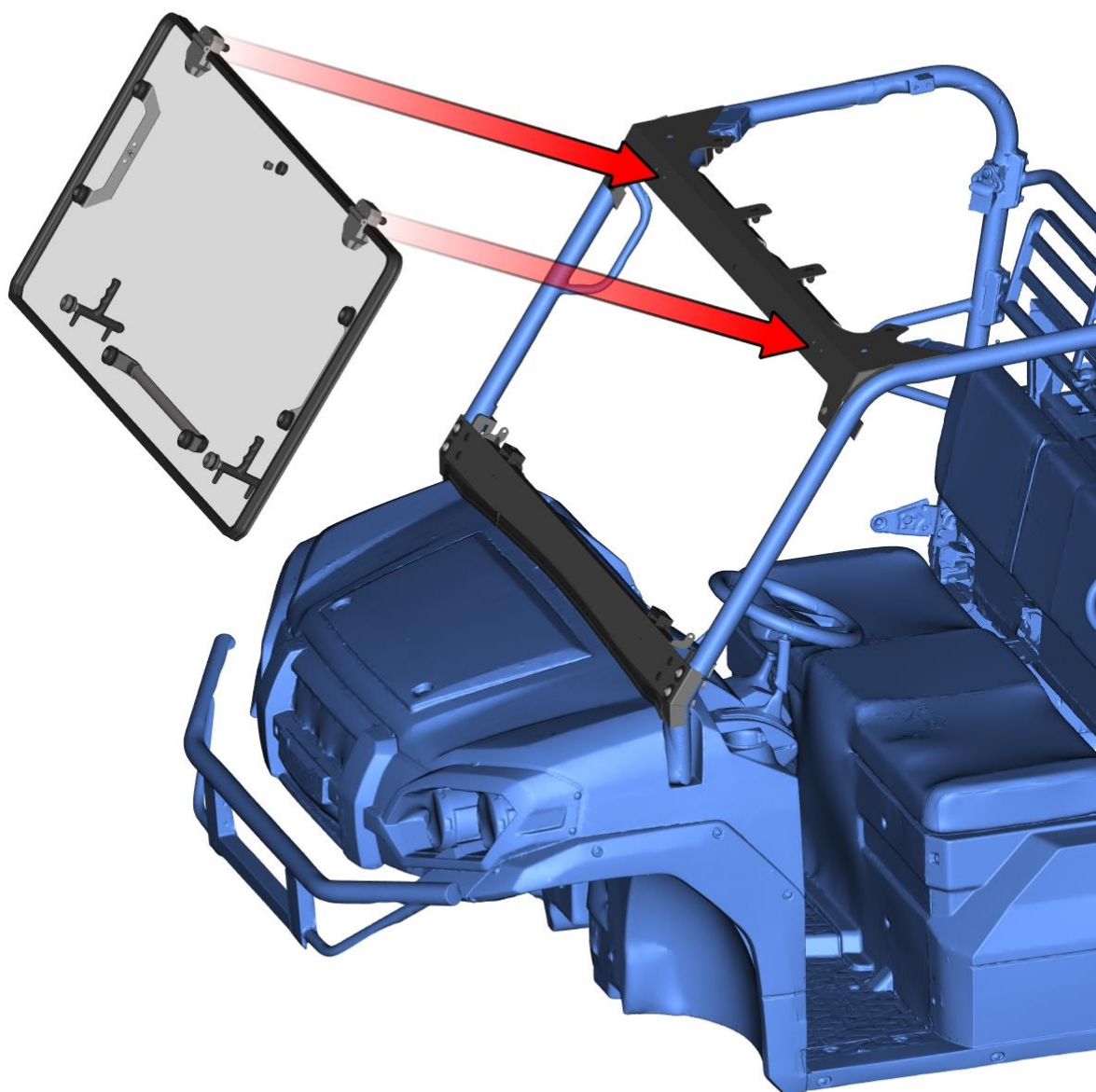


Turn front upper ledge's brackets into the correct position and tighten the screws.

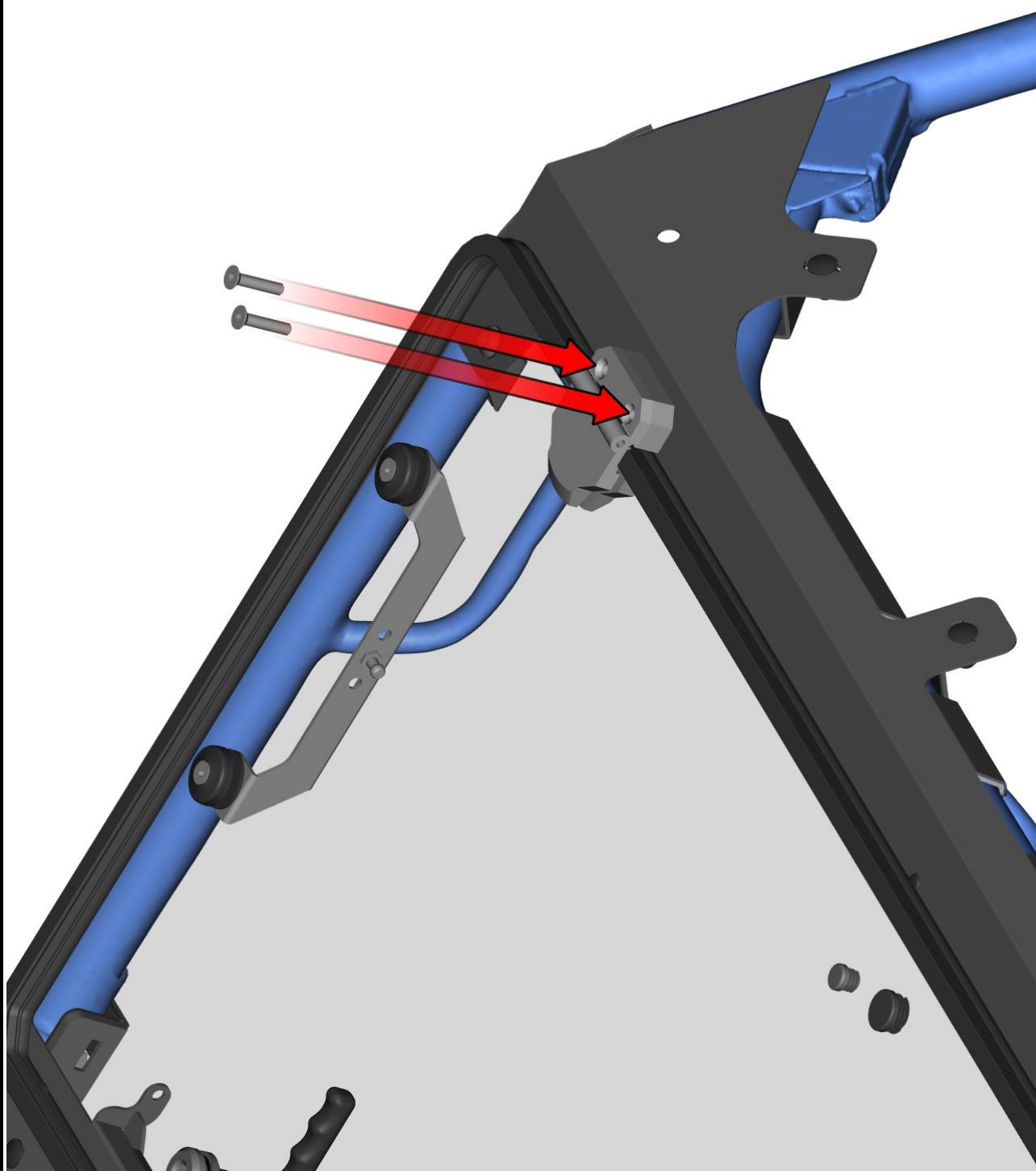


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Place front glass onto the upper and bottom ledge in accordance with holes for hinges.

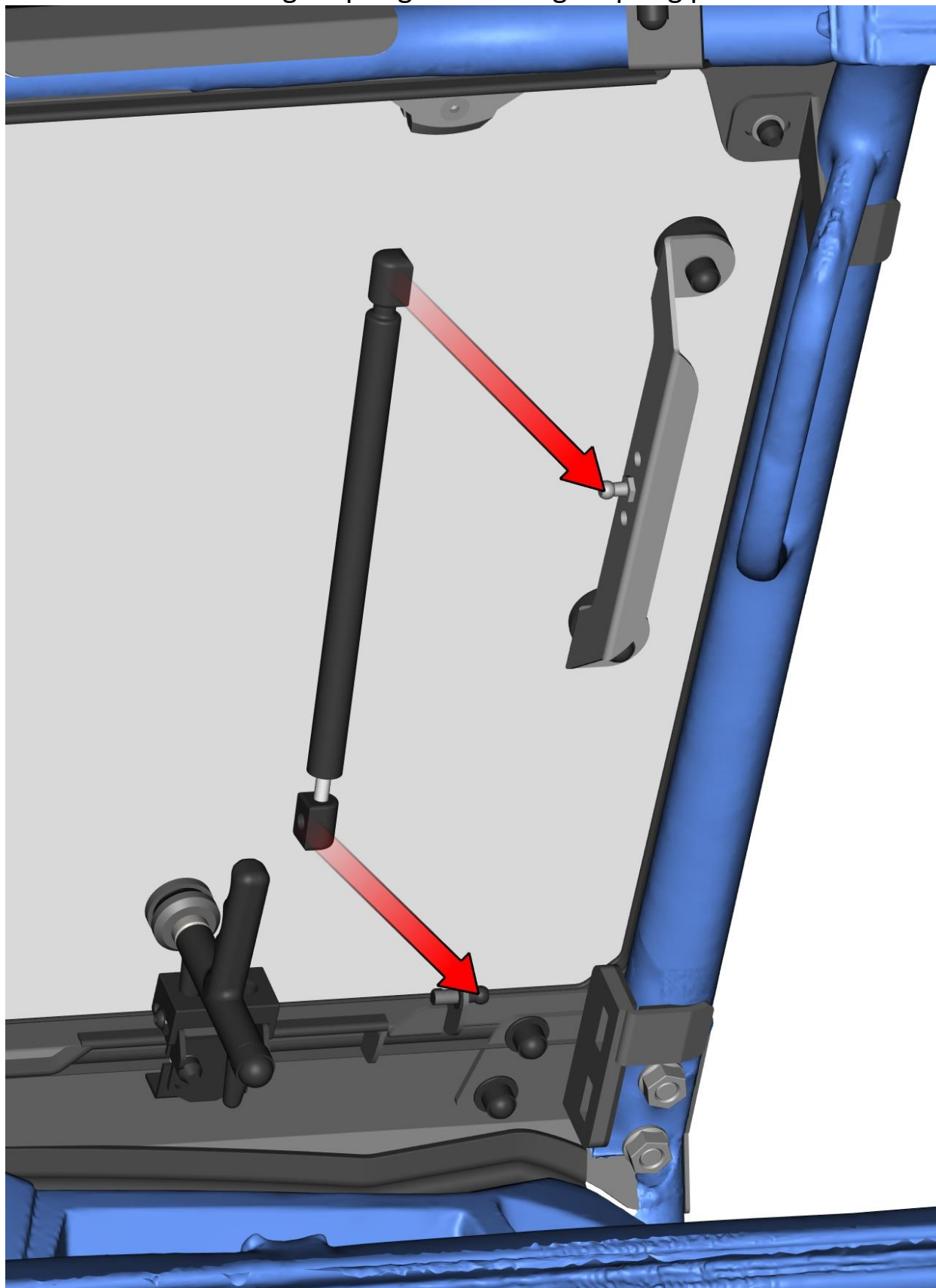


Fix front glass hinges with upper ledge using included screws on both sides.

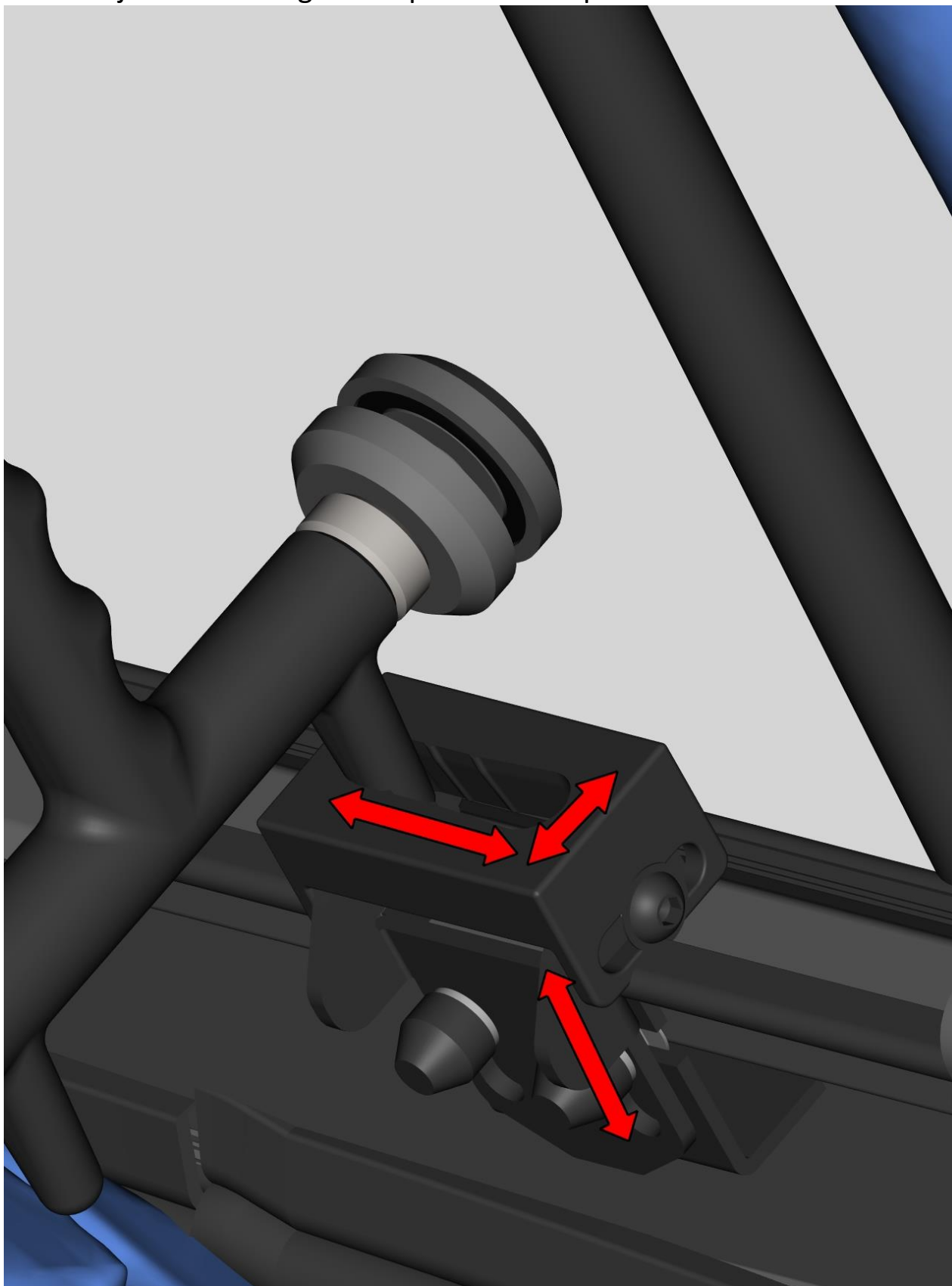


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Install gas springs onto the gas spring pins.

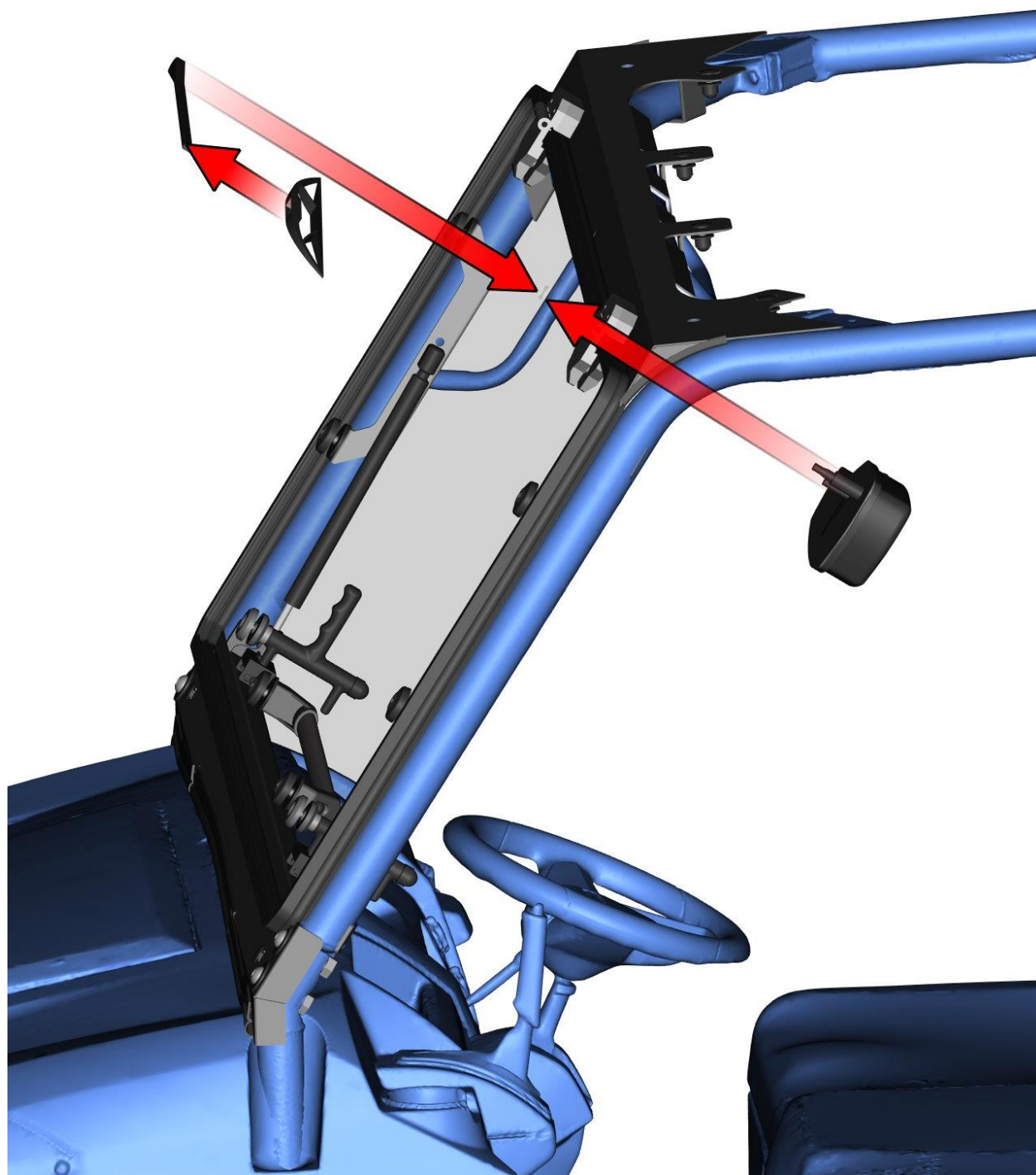


Adjust the front glass stop to the best position on both sides.



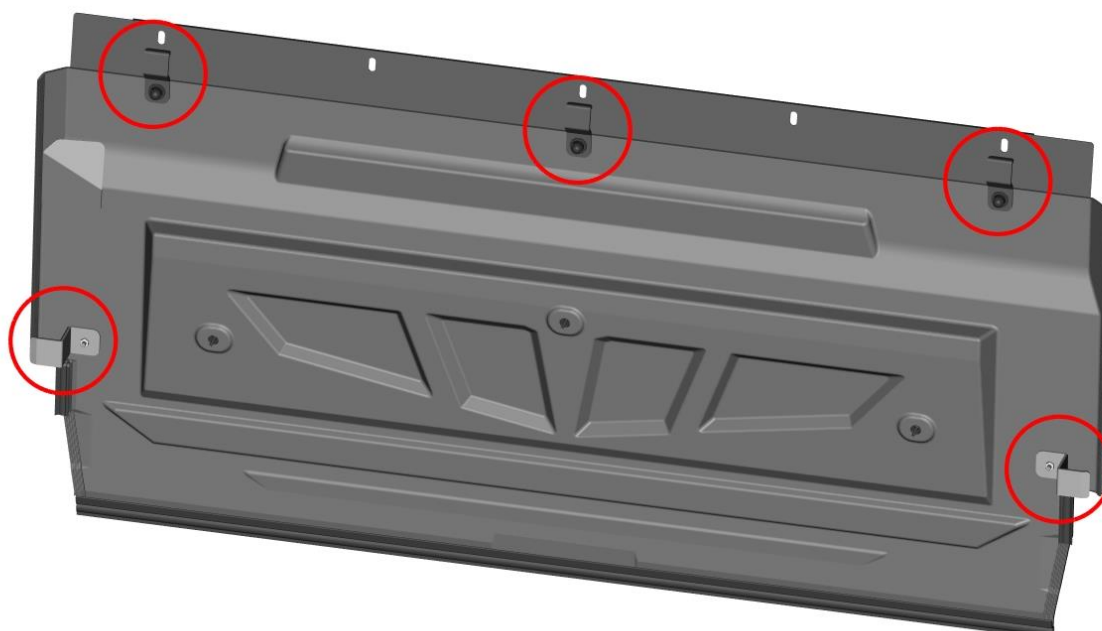
35

Instal wiper onto the front glass and connect wiper harness with the wiper motor.



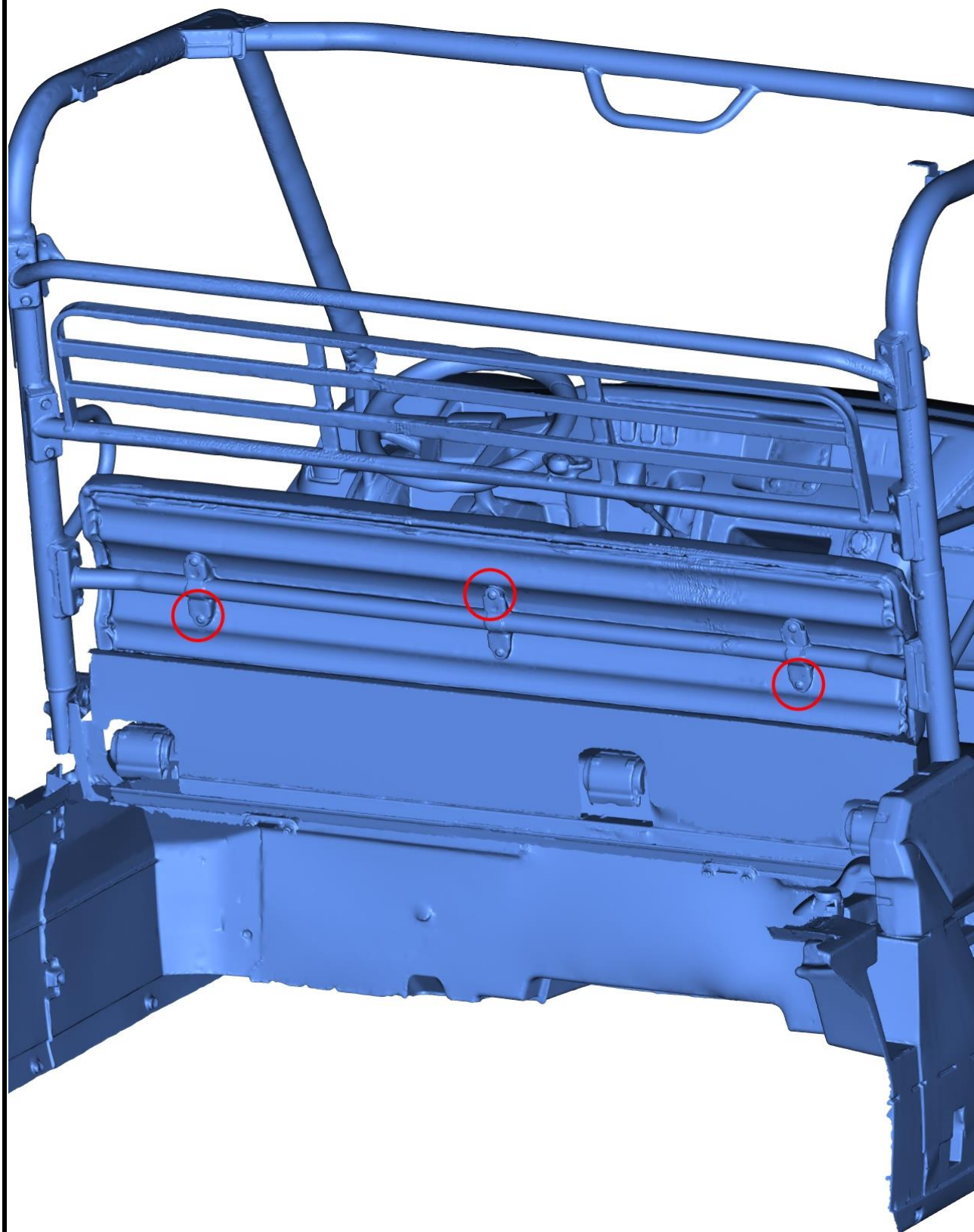
REAR PANEL

Loosen brackets and turn them into the neutral position on the rear bottom panel.



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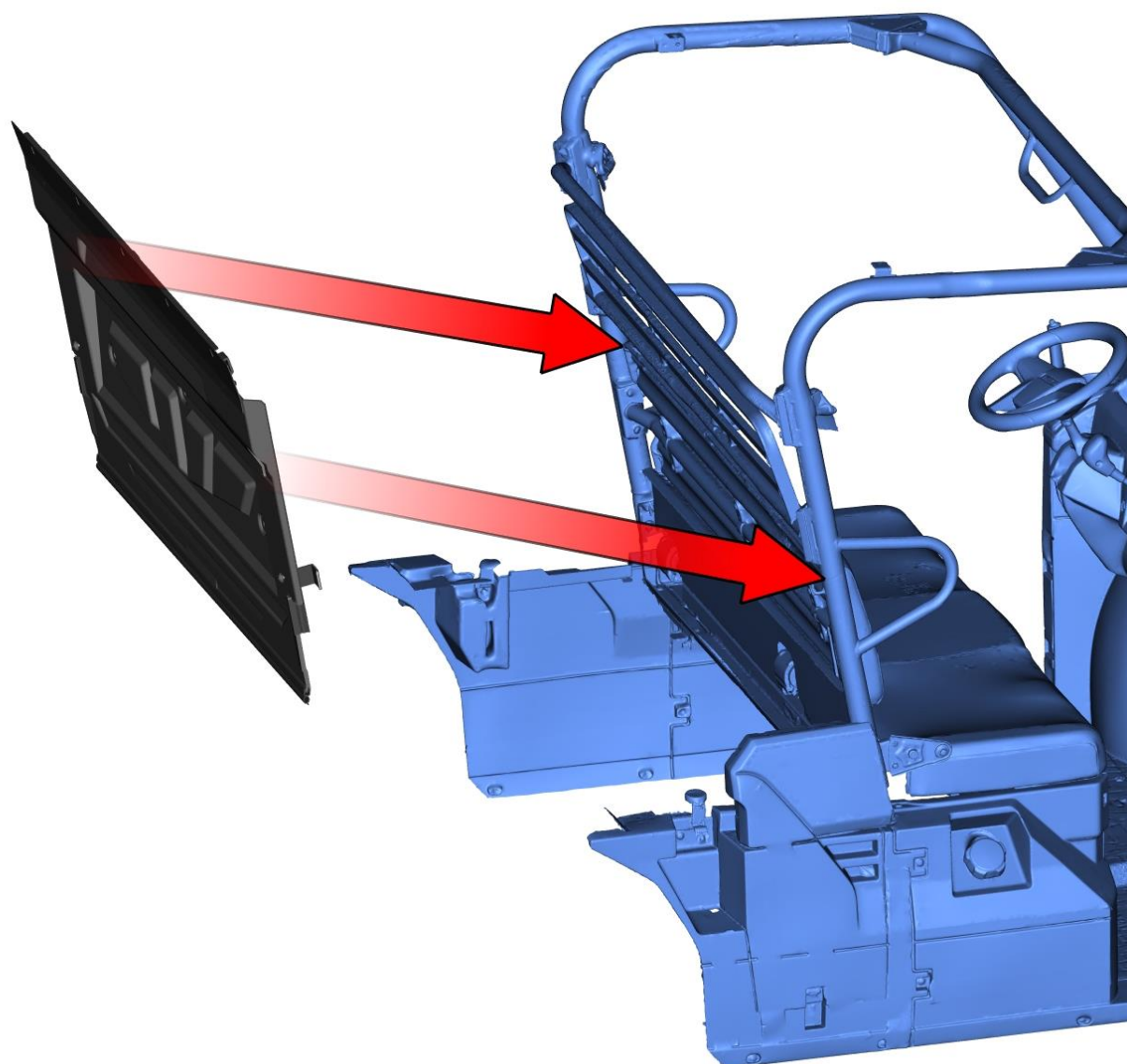
Lift up the cargo bed. Loosen original screws as its shown.



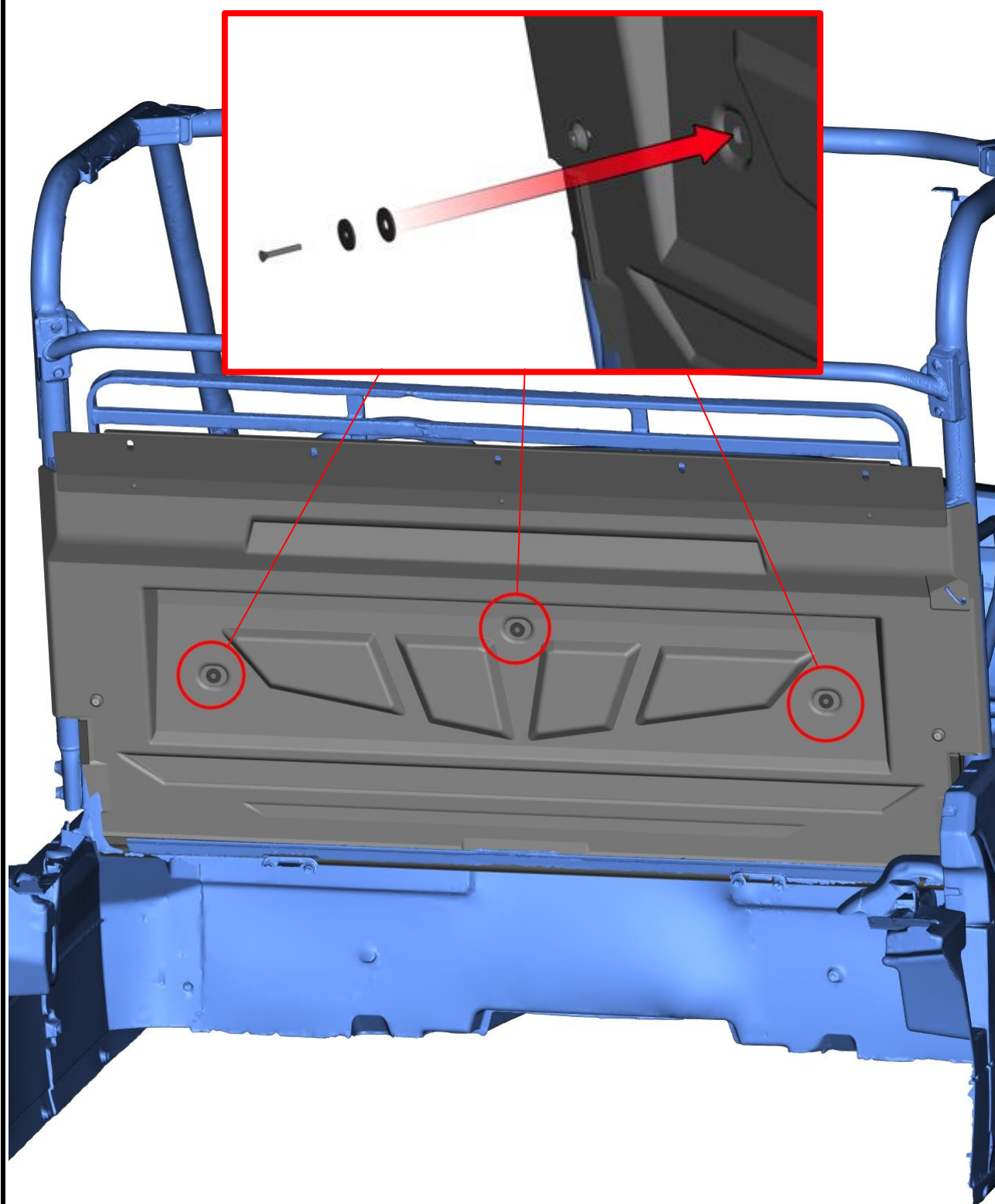
Bend the plate on the cargo bed to not colide with rear panel. Bend it 5 degrees with rubber hammer.



Place bottom part of the rear panel onto the UTV in accordance with removed original screws.

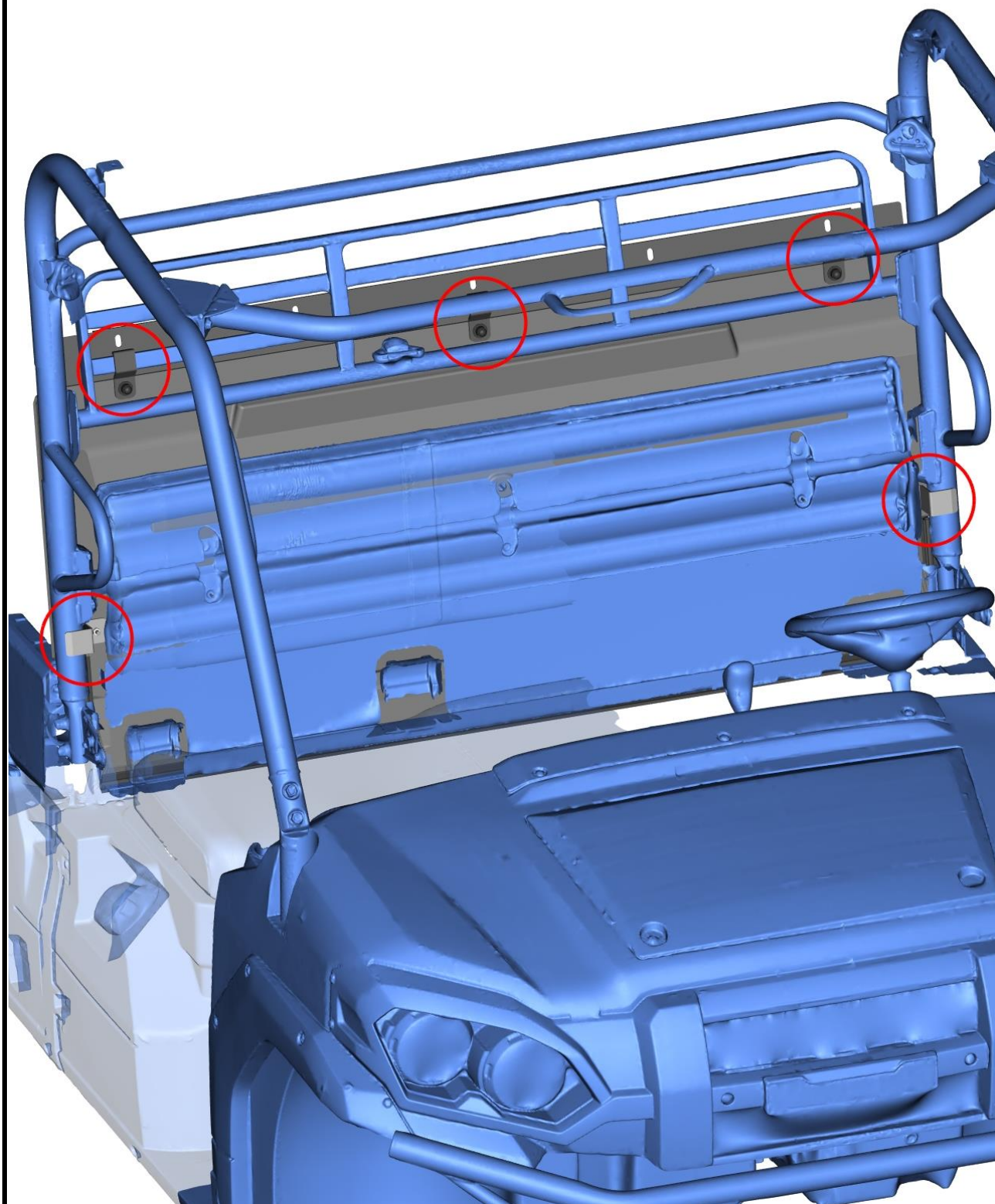


Fix rear bottom panel with original holes using included screws and washers.

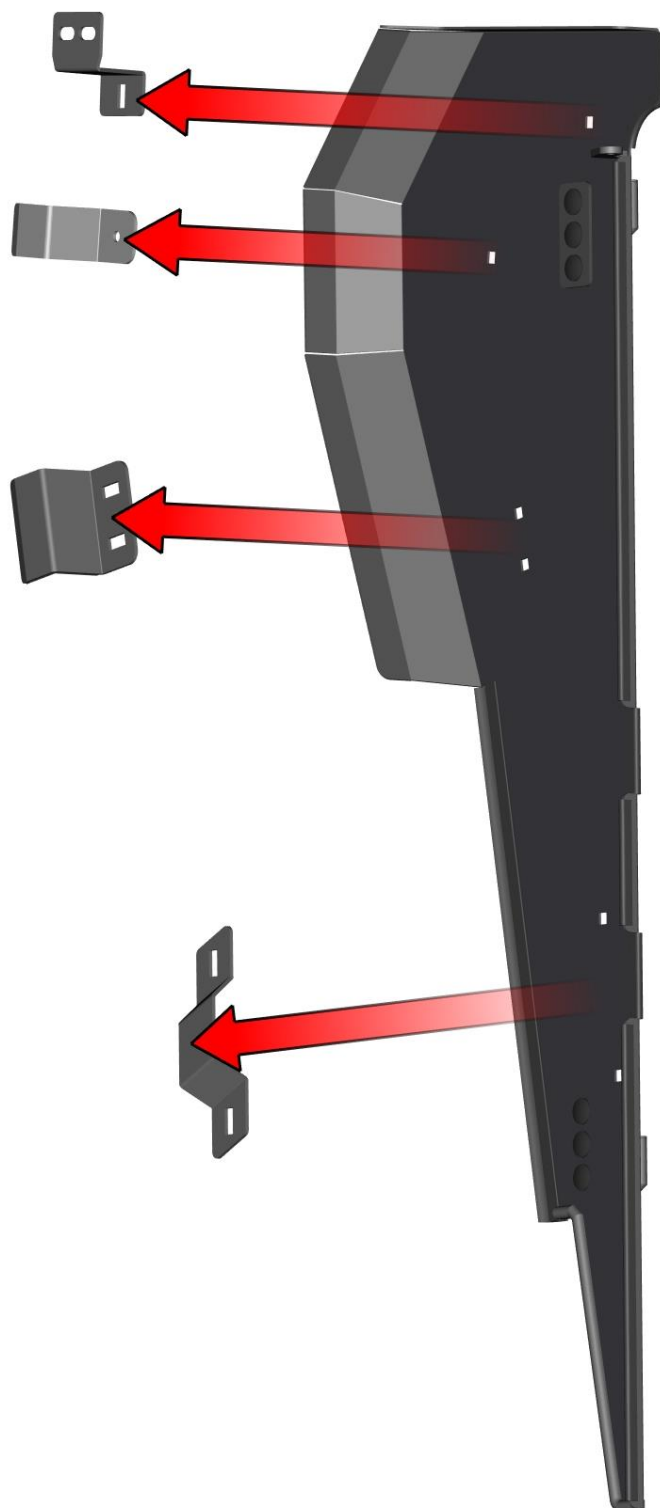


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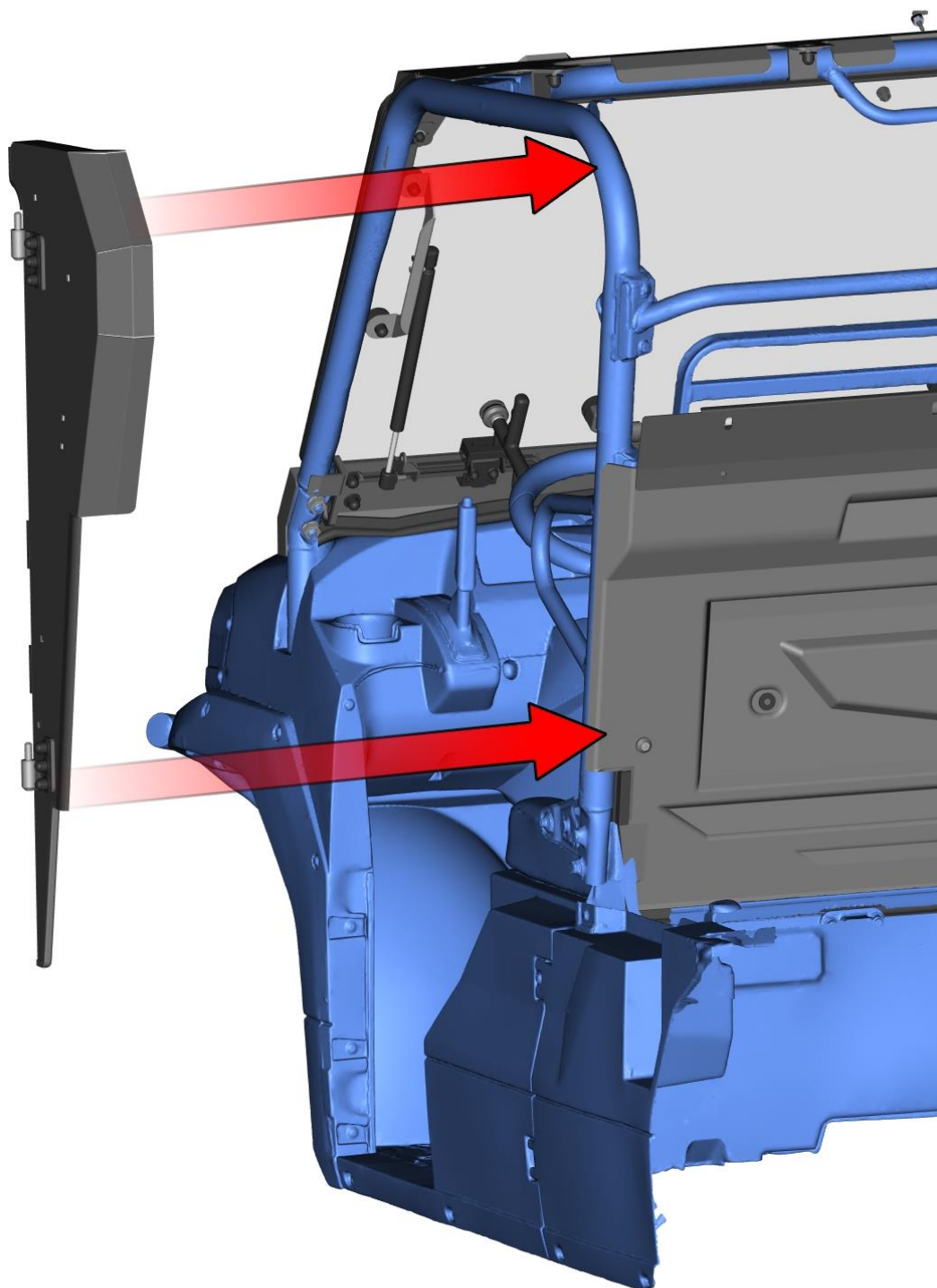
Turn all rear bottom brackets and tighten the screws.



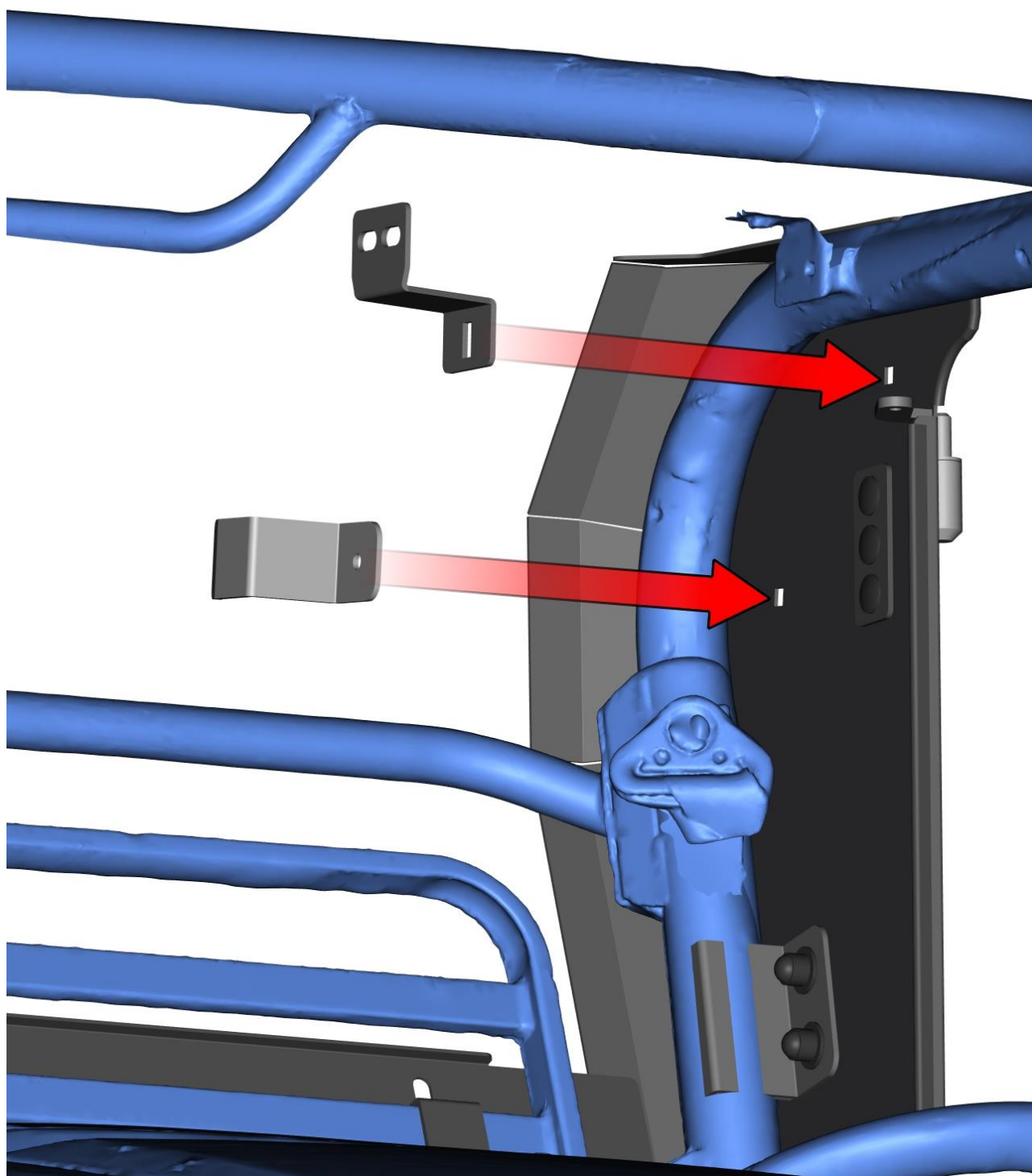
Remove all brackets on the left door base.



Place left door base onto the UTV frame.

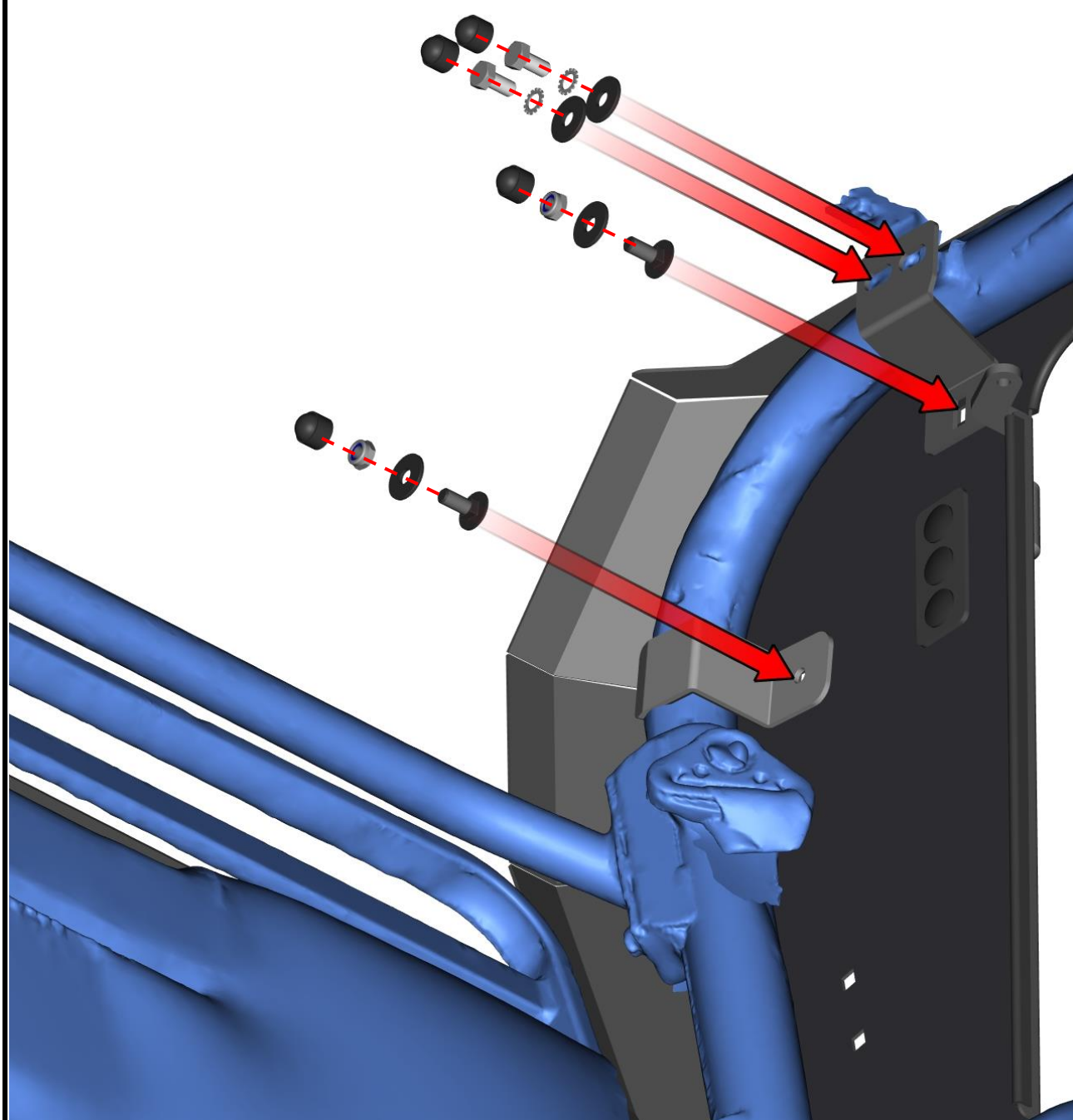


Place upper brackets onto the left door base in accordance with the holes.

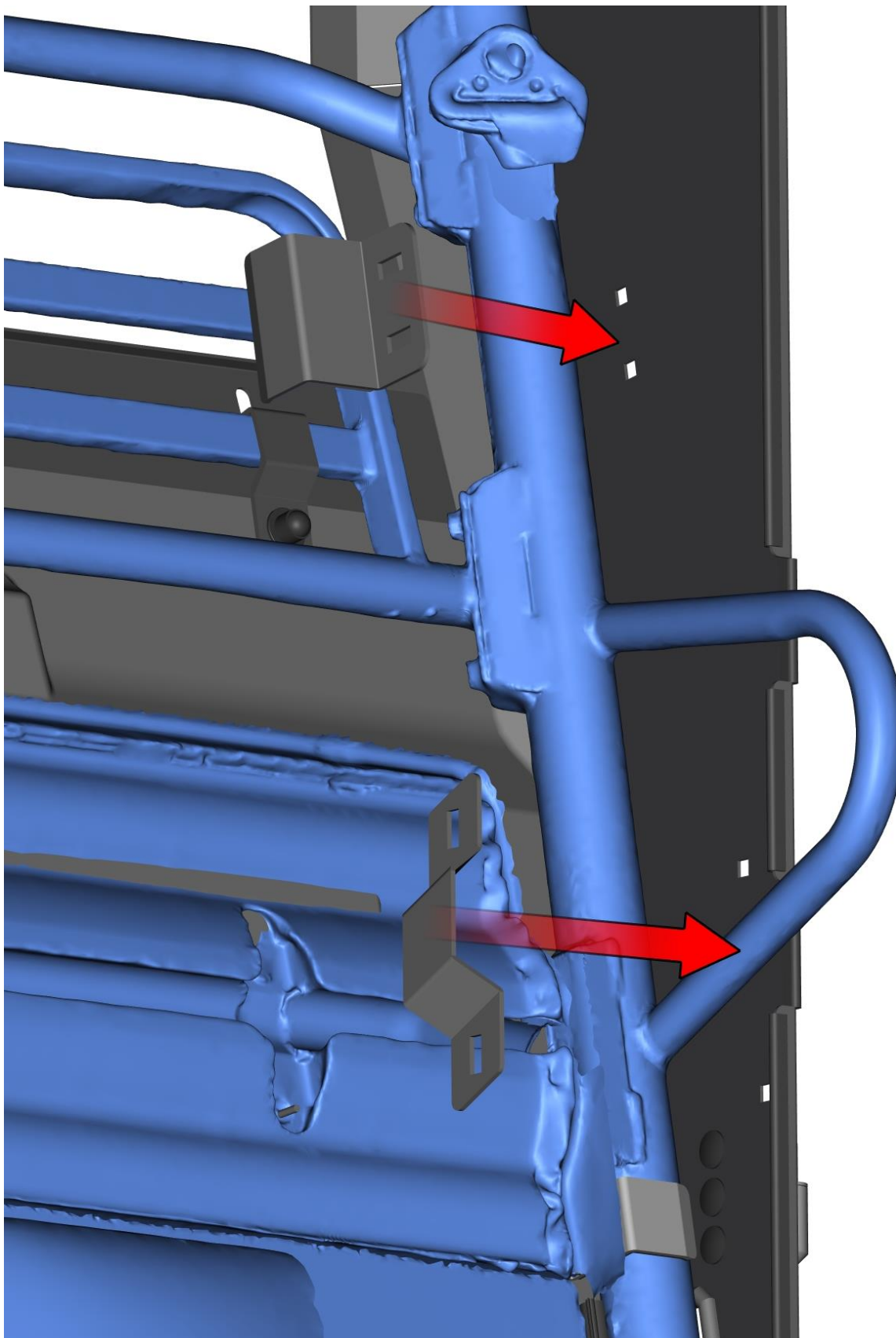


45

Fix both brackets with included fixing kit. Bracket at the very top fix onto the original holes.

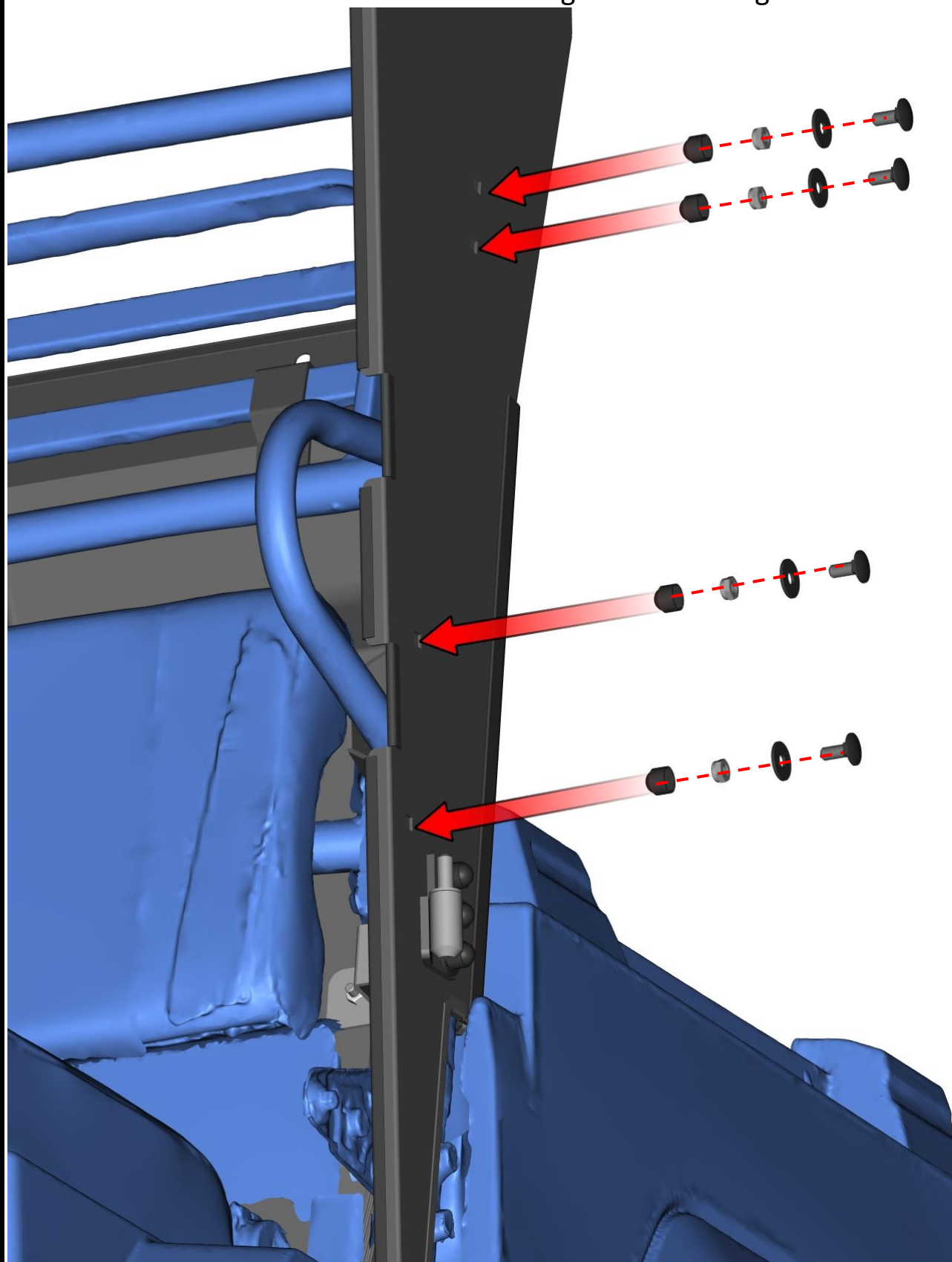


Place lower brackets onto the left door base in accordance with the holes.

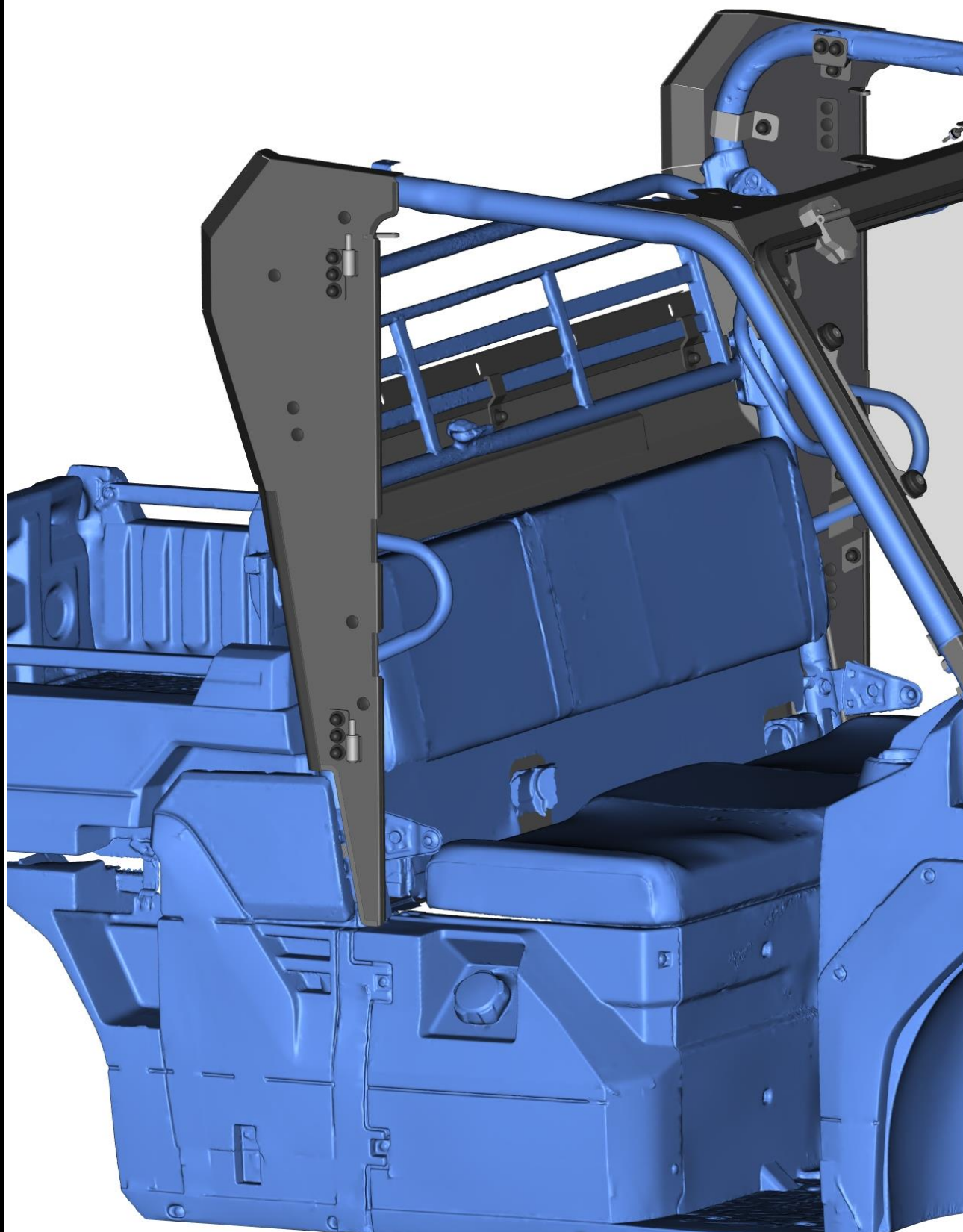


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Fix brackets with door base using included fixing kit.

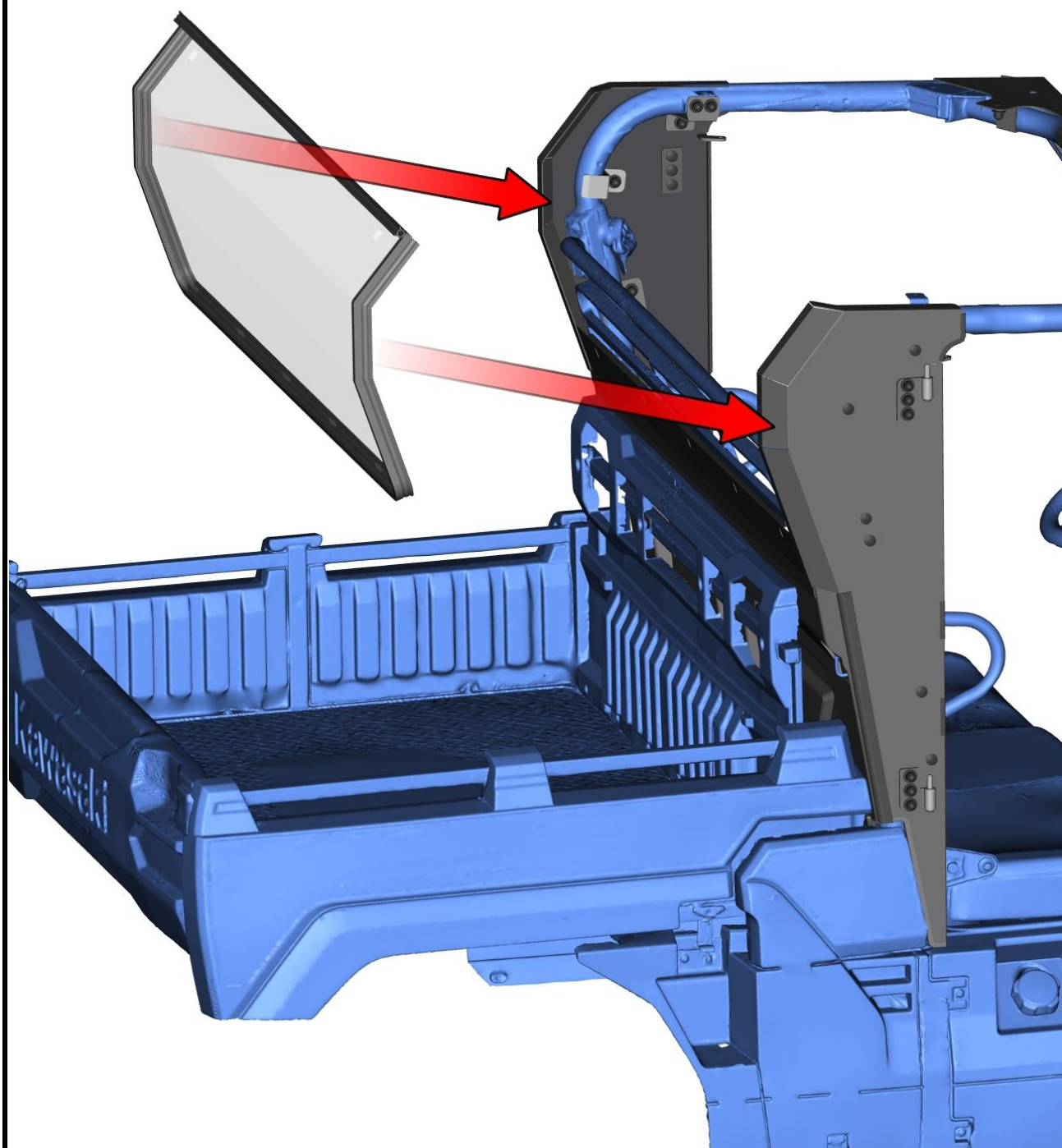


Repeat previous steps for right door base assembly.

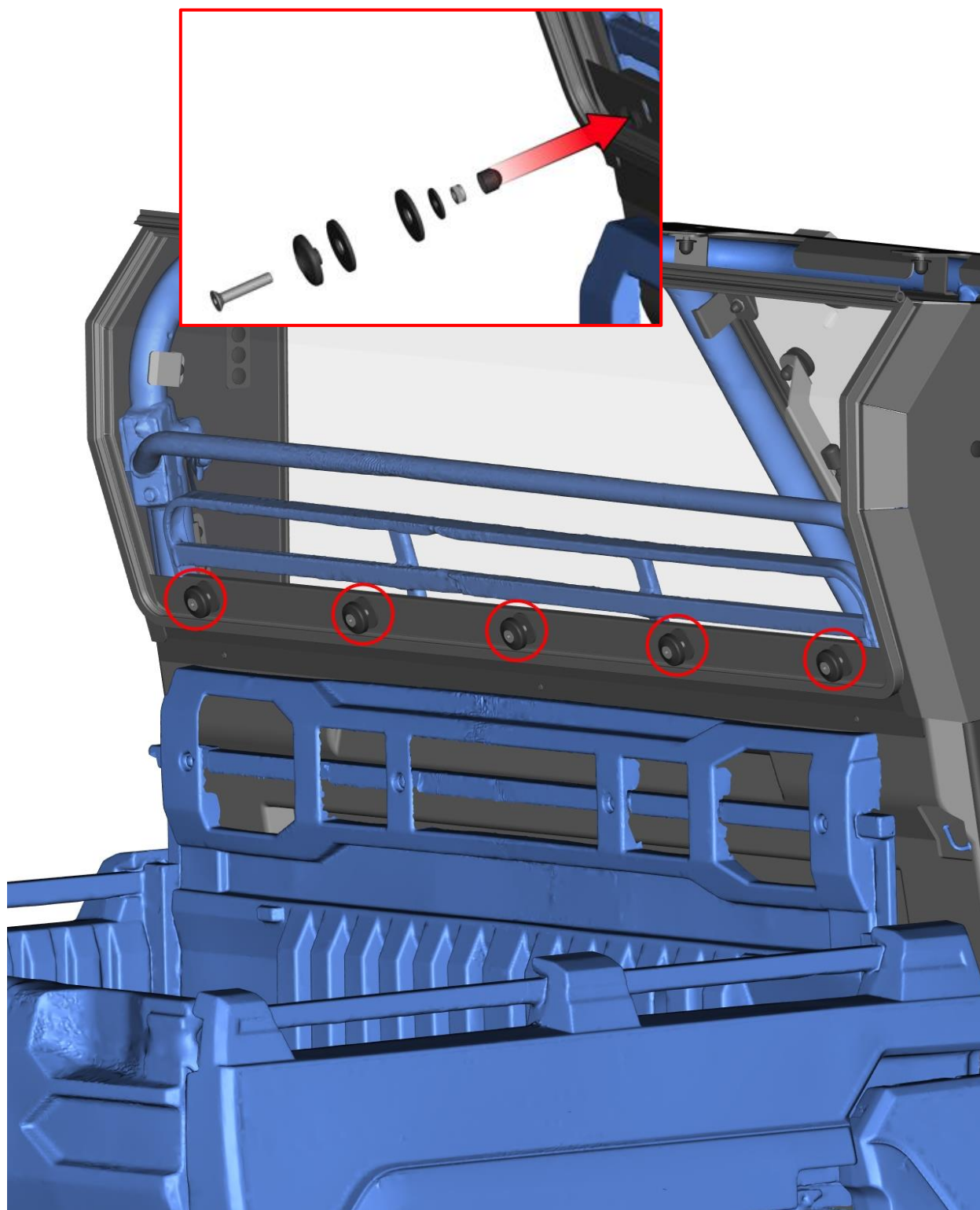


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Place rear poly on top of the rear bottom panel.

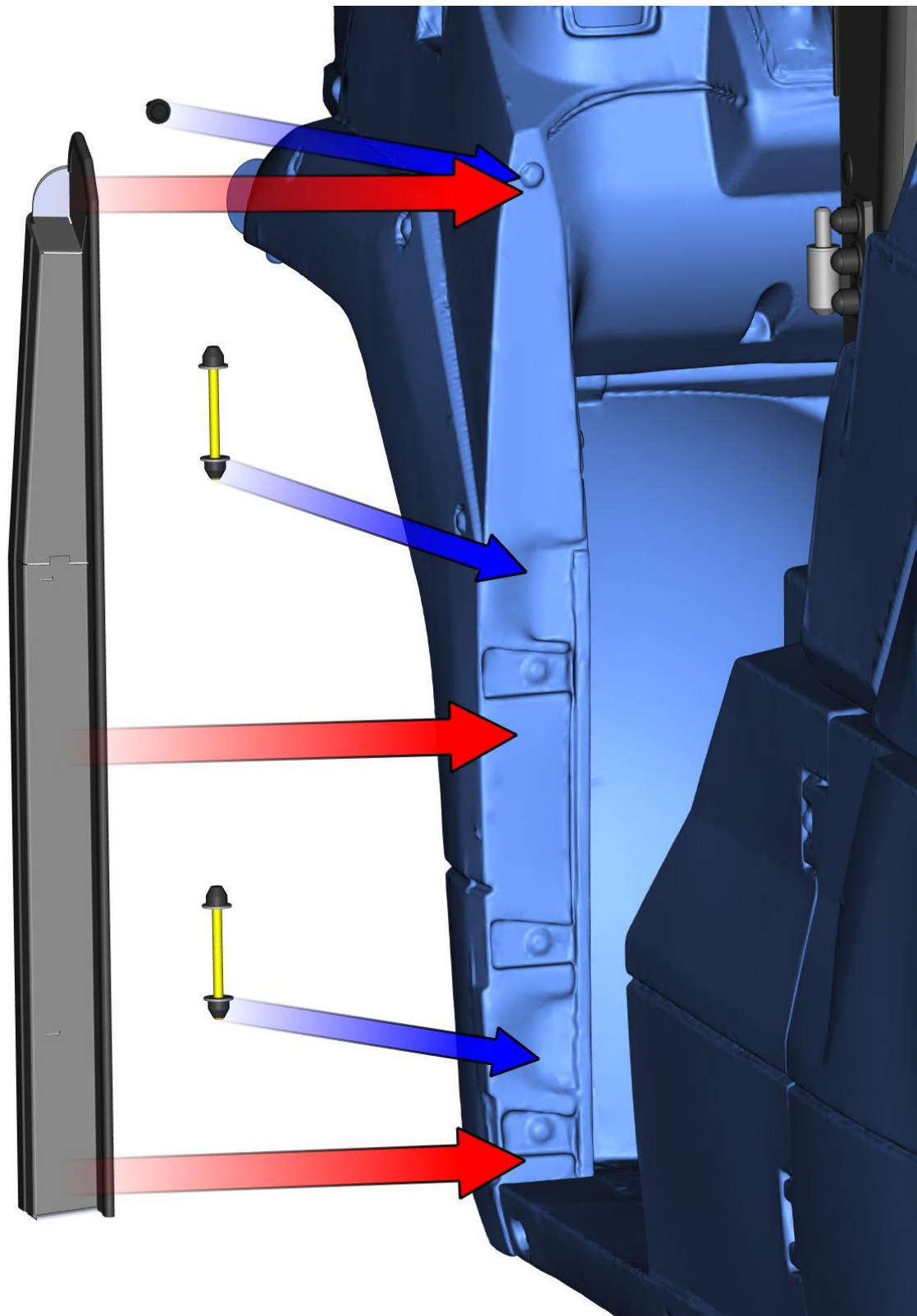


Fix rear poly with rear bottom panel using included fixing kit.

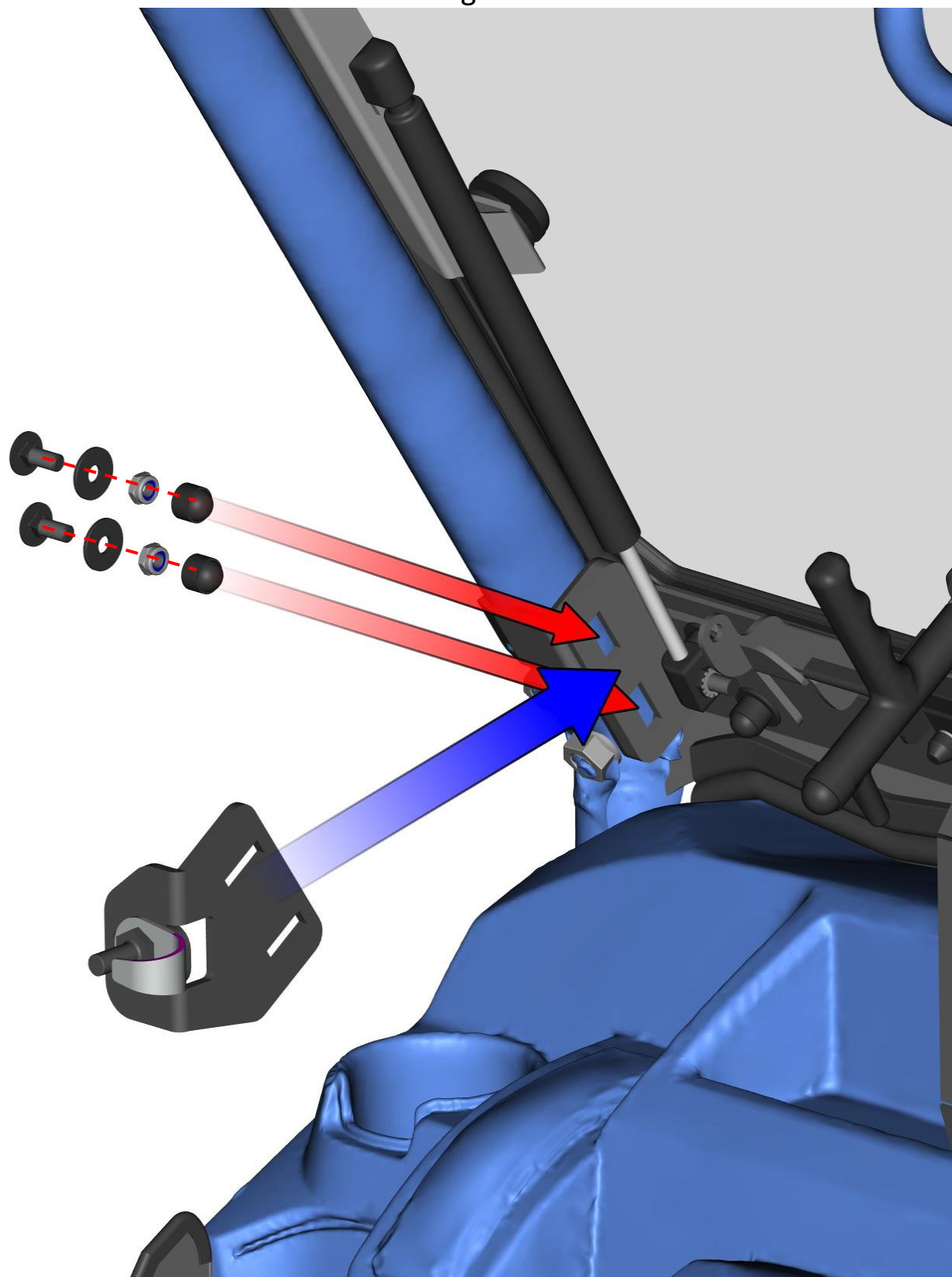


51

Place the right door ledge onto the original hinges and fix by included screws, washers and nut. Fix the ledge with the dashboard by included rubber rivet.

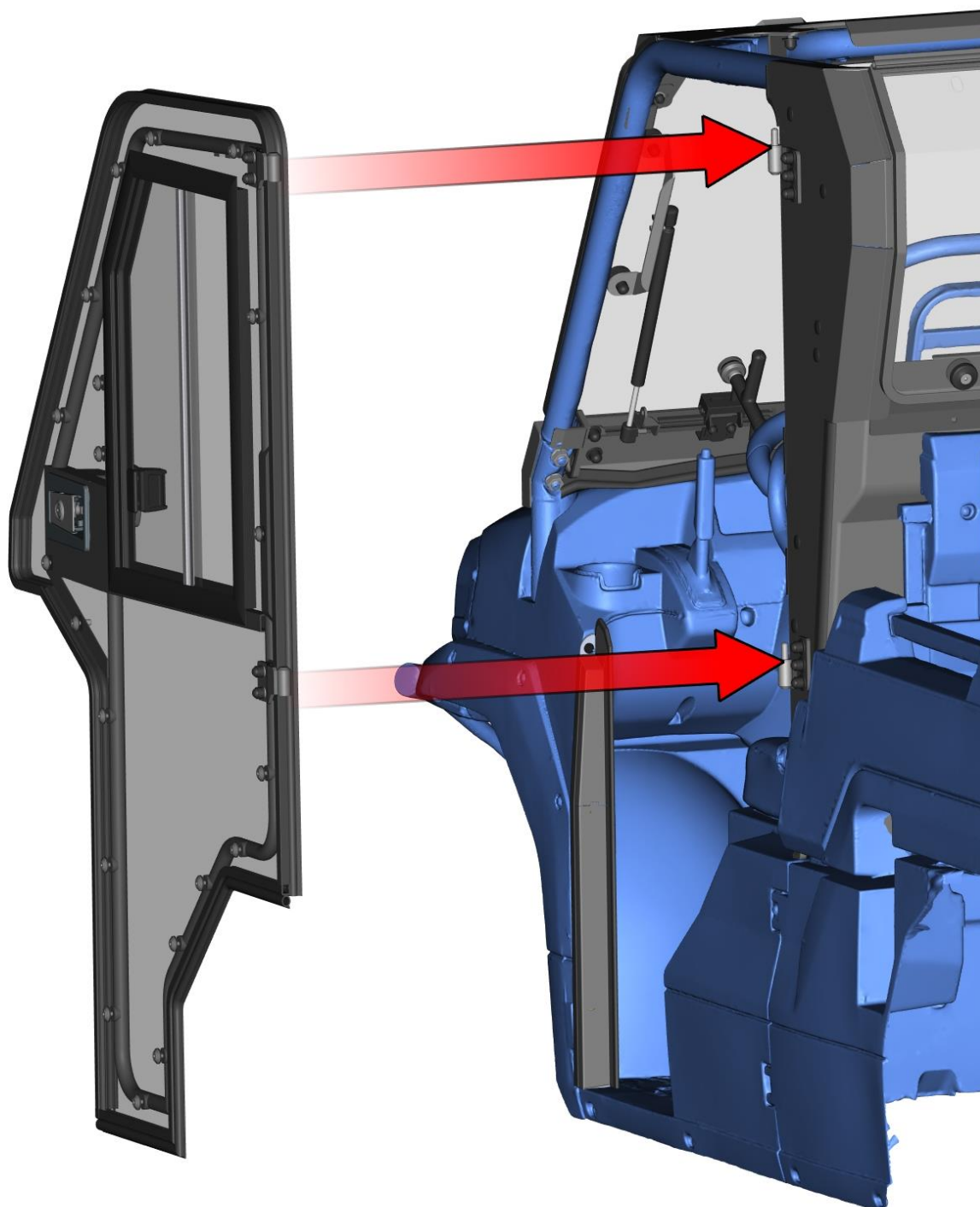


Install door stop onto the front ledge bracket and fix it with included fixing kit.

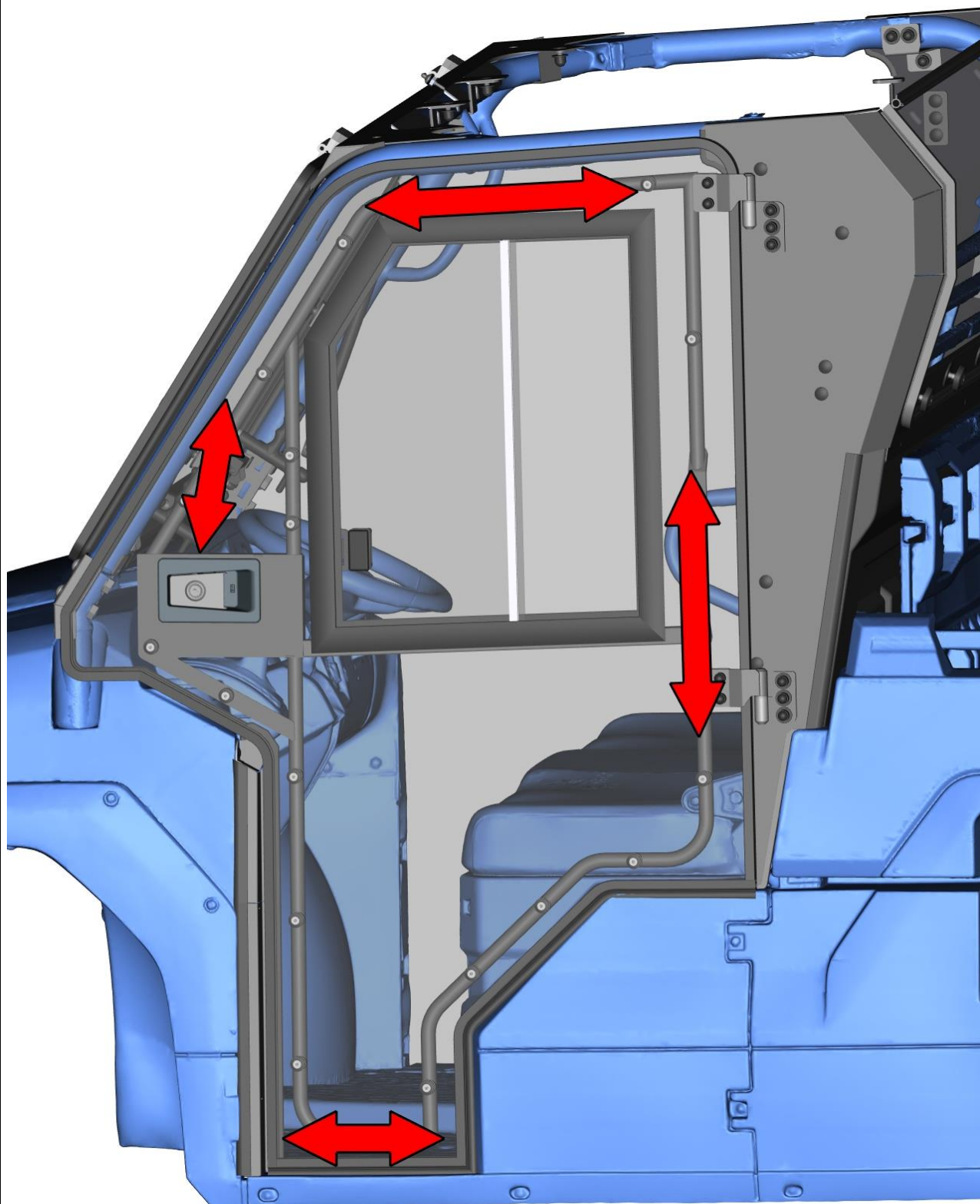


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Lubricate hinge's pins and place the door onto the hinges.

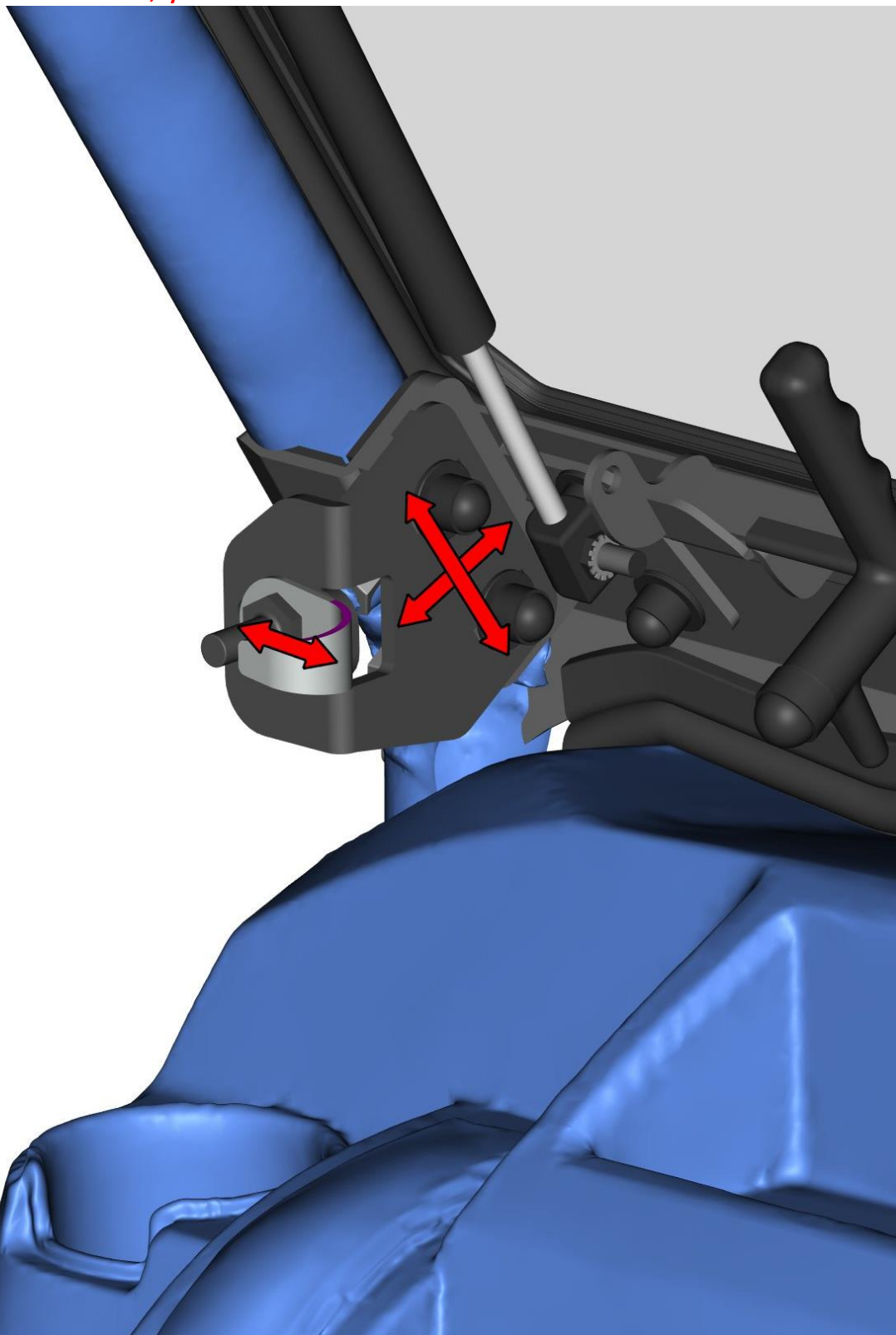


Adjust the door to the best position.

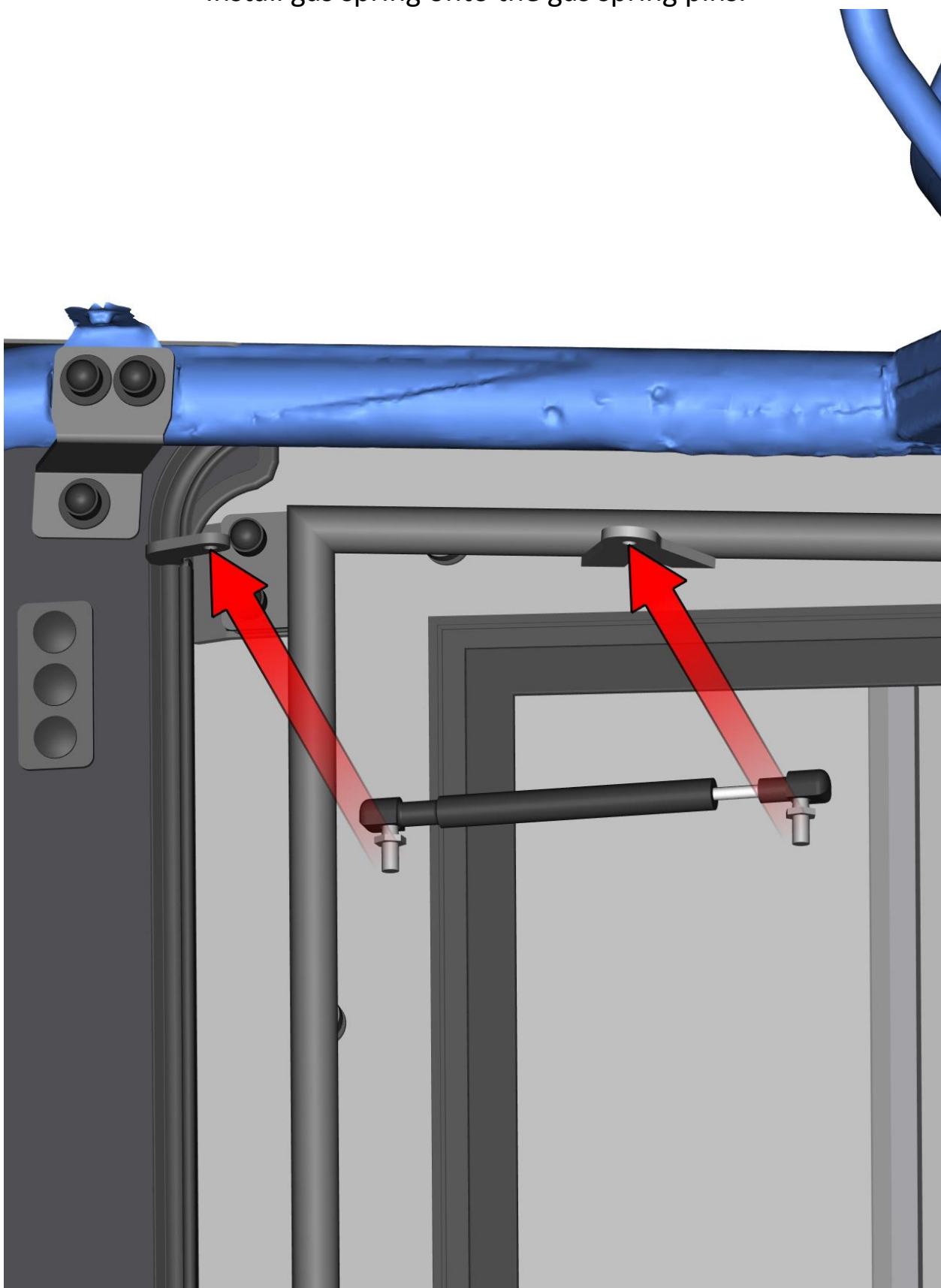


55

Adjust the door stop bracket and door stop to the best position with the door. **If you have adjusted the door stop correctly, when you close the door, you will hear 2 clear metallic clicks.**

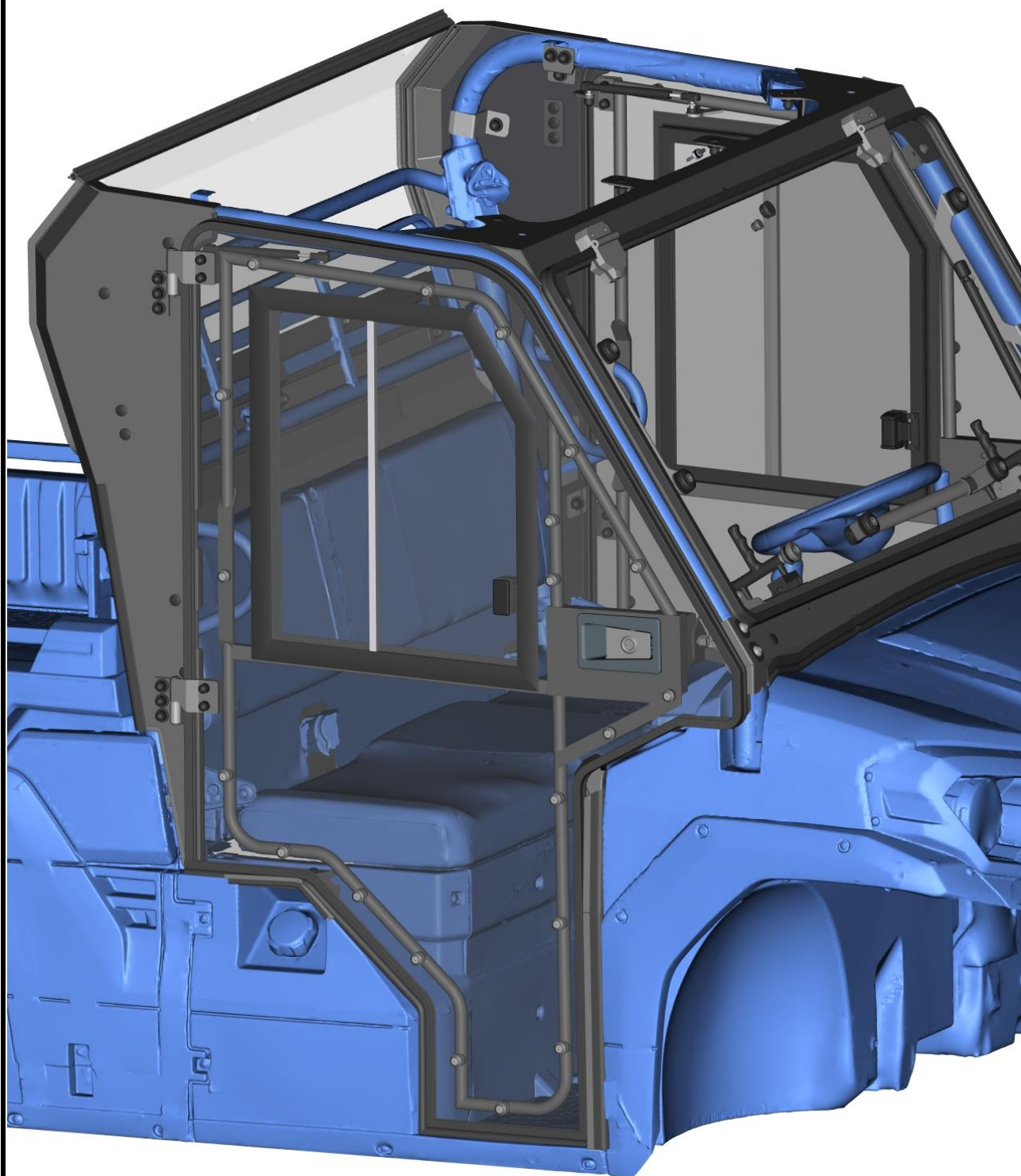


Install gas spring onto the gas spring pins.



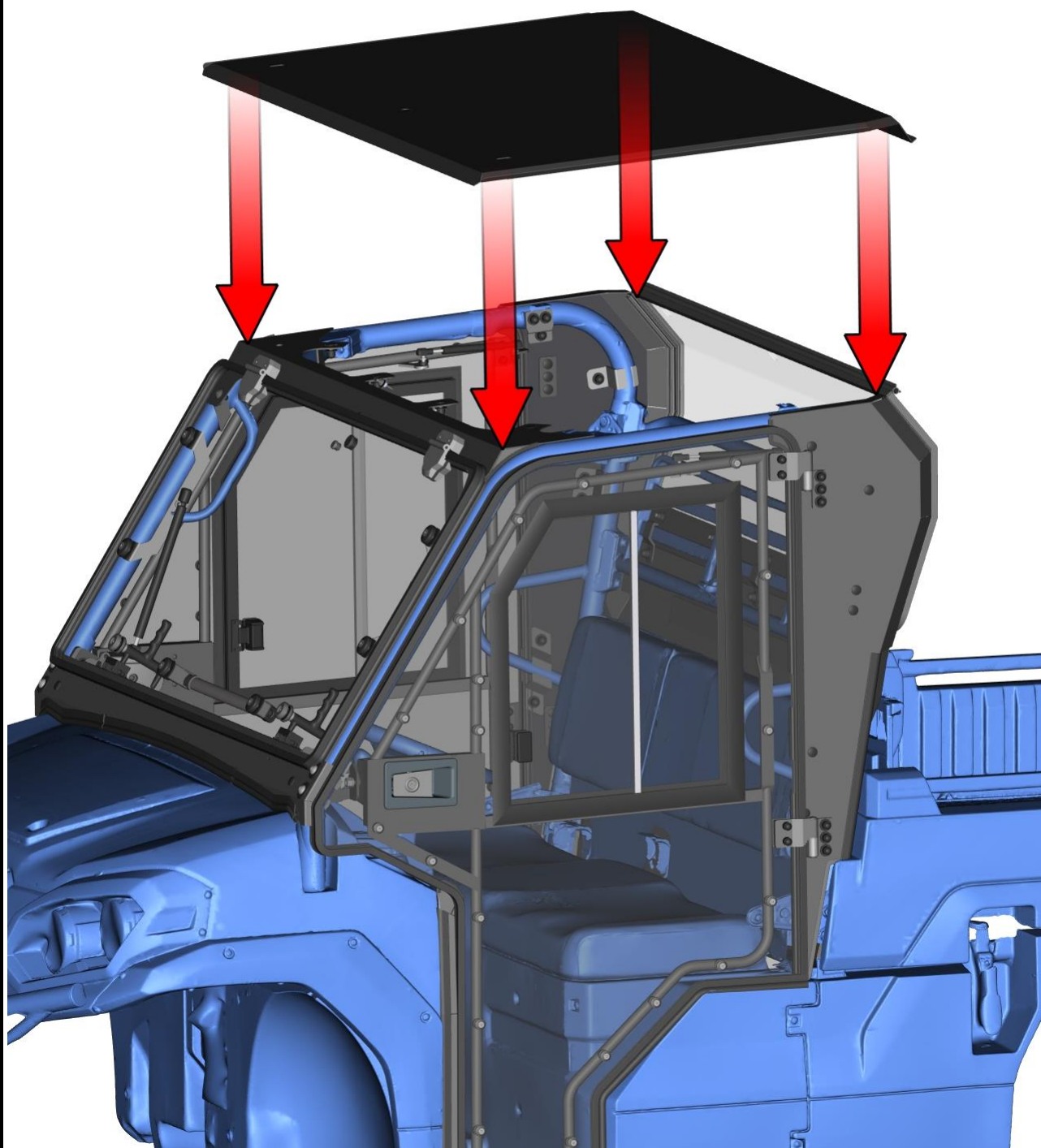
57

Repeat previous steps onto for the left door assemblies.



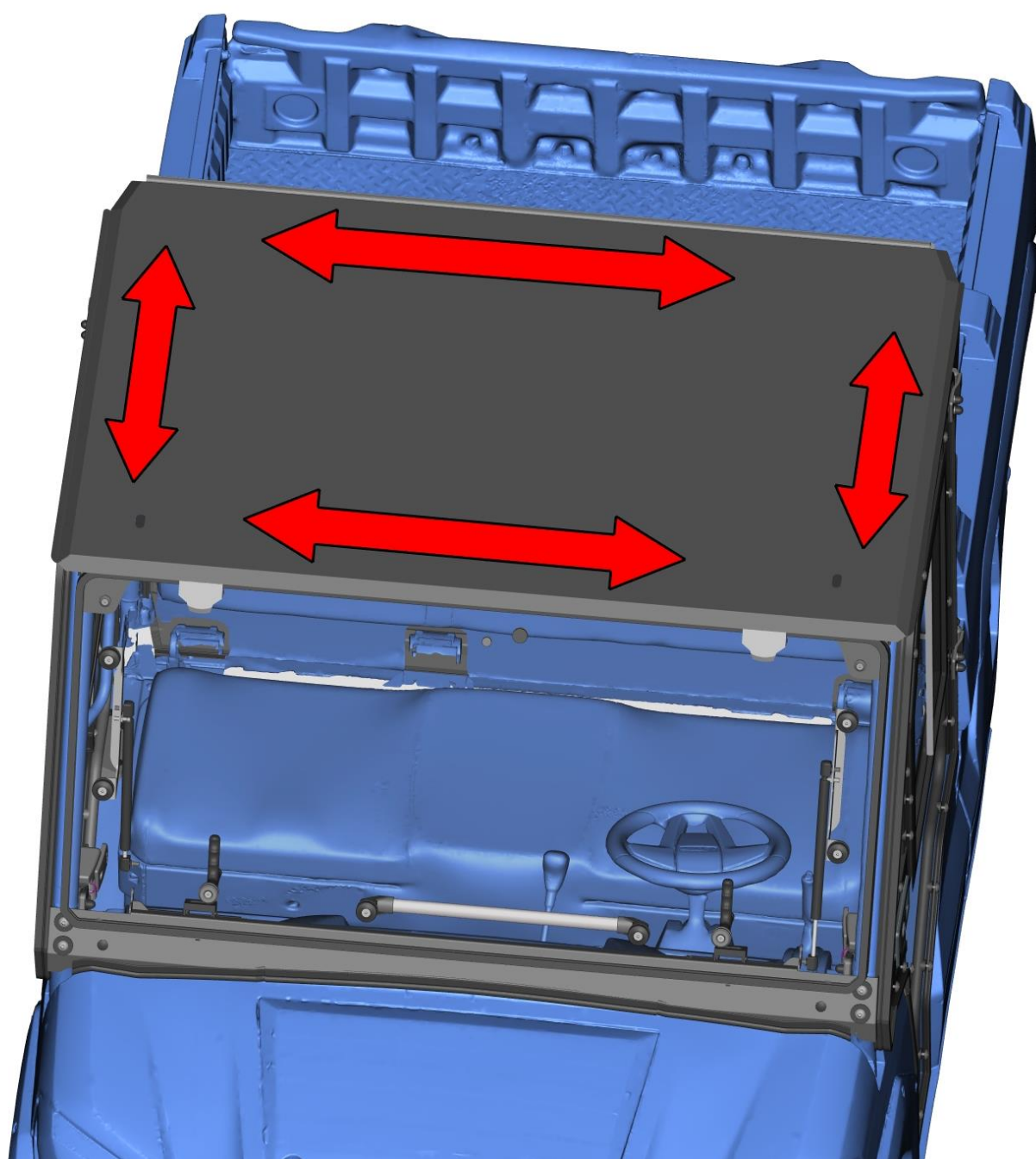
ROOF

Place roof panel on top of the UTV.

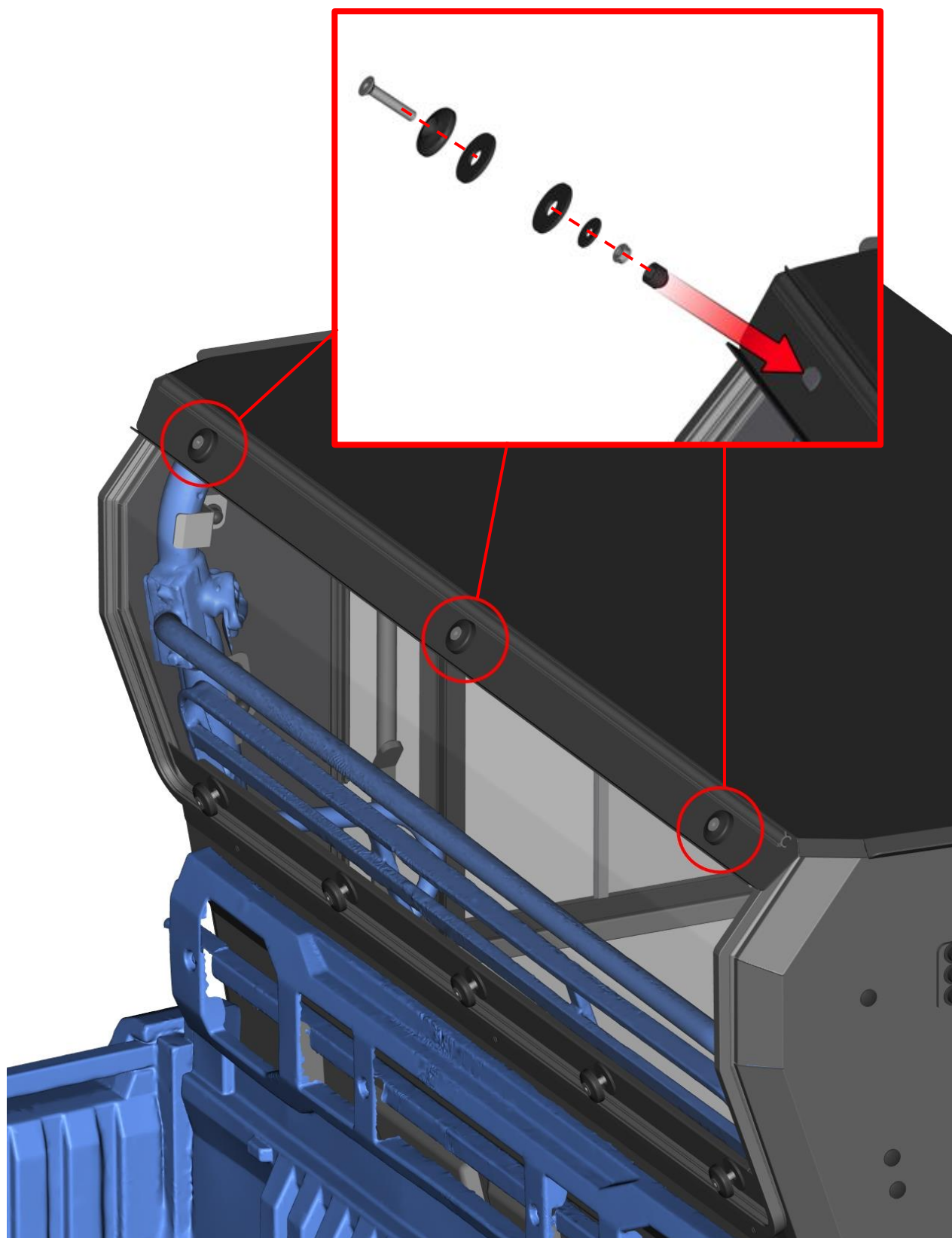


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Adjust the roof to the best position.

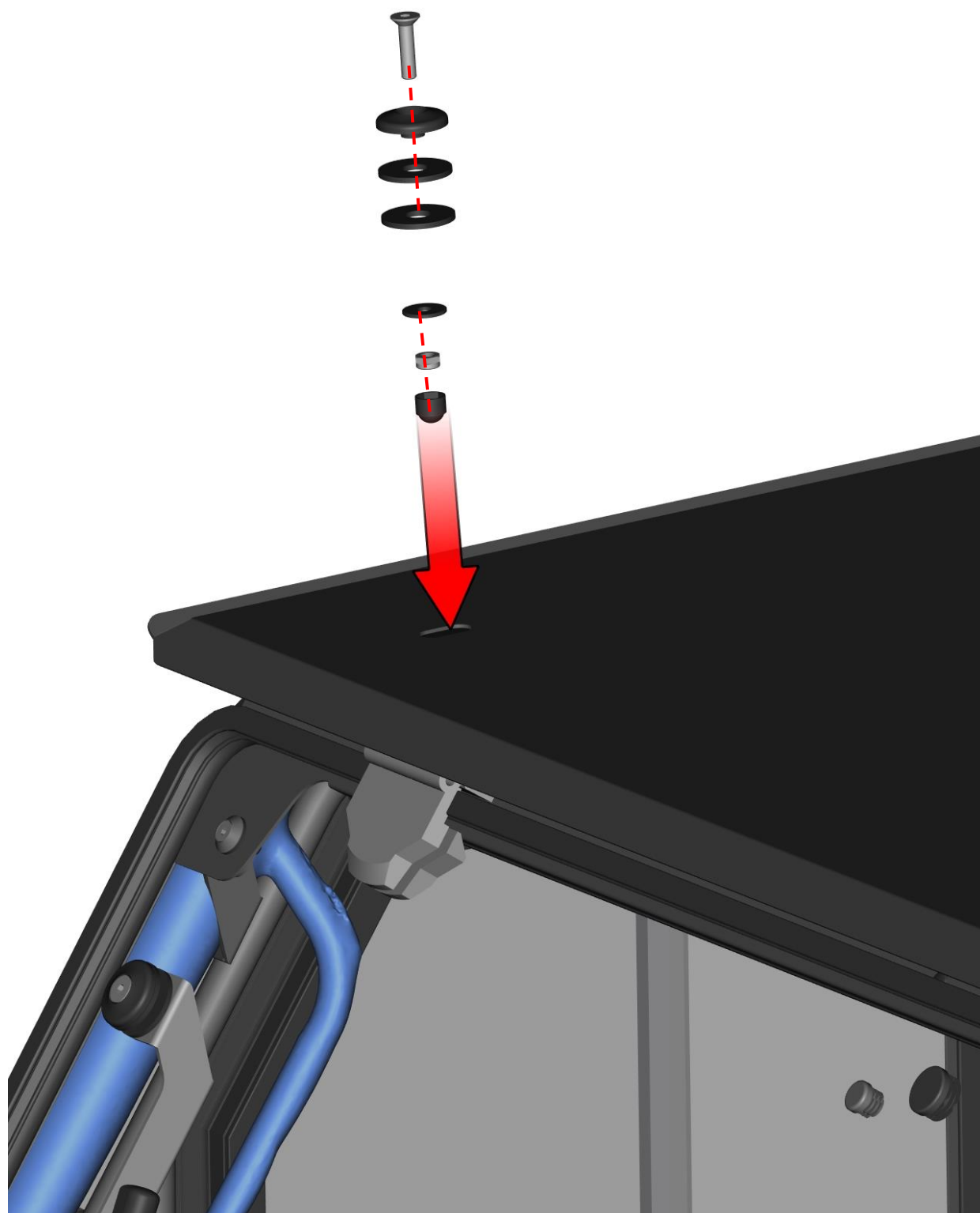


Fix rear side of roof with rear panel using included fixing kit.

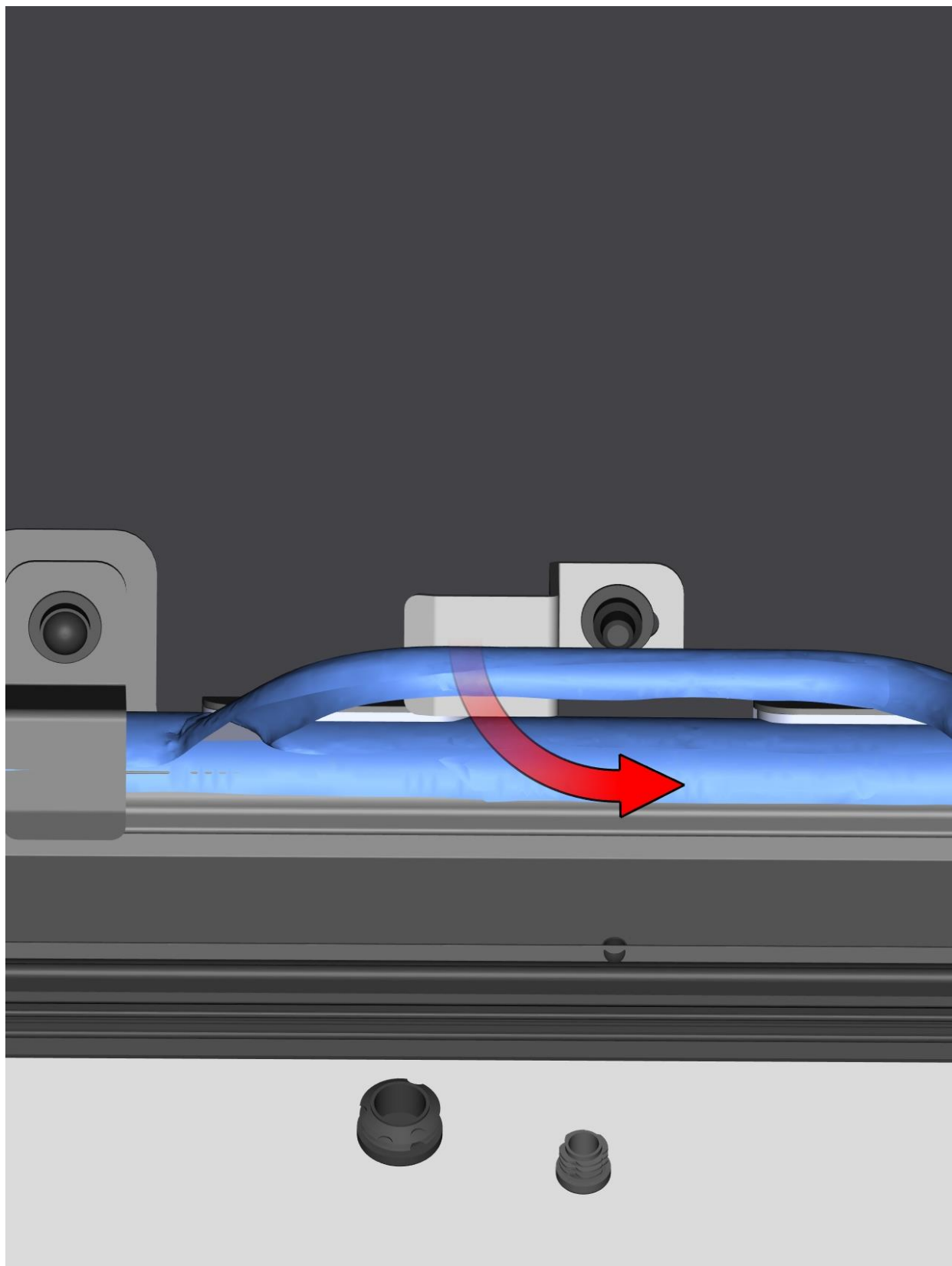


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Fix front roof corners with front upper ledge on both sides using included fixing kit.



Turn the roof front holder bracket to the fixed position and tighten the screw.



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BOLT TORQUE

BOLT TORQUE SPECIFICATIONS

GENERAL TORQUE SPECIFICATION TABLE

Use the following torques when special torques are not given. These values apply to fasteners as received from suppliers, dry, or when lubricated with normal engine oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads. Remember to always use grade five or better when replacing bolts.

IMPORTANT: On all PLATED GRADE 8 bolts, reduce torque 15% from listed bolt torque specification.

SAE Grade No.		2				5				8*			
Bolt head identification mark as per grade. NOTE: Manufacturing Marks Will Vary						  				  			
Bolt Size		TORQUE				TORQUE				TORQUE			
		Pounds Feet		Newton-Meters		Pounds Feet		Newton-Meters		Pounds Feet		Newton-Meters	
Inches	Millimeters	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4	6.35	5	6	7	8	9	11	12	15	12	15	16	20
5/16	7.94	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	9.53	20	23	27	31	35	42	48	57	45	54	61	73
7/16	11.11	30	35	41	47	54	64	73	87	70	84	95	114
1/2	12.70	45	52	61	70	80	96	109	130	110	132	149	179
9/16	14.29	65	75	88	102	110	132	149	179	160	192	217	260
5/8	15.88	95	105	129	142	150	180	203	244	220	264	298	358
3/4	19.05	150	185	203	251	270	324	366	439	380	456	515	618
7/8	22.23	160	200	217	271	400	480	542	651	600	720	814	976
1	25.40	250	300	339	406	580	696	787	944	900	1080	1220	1464
1-1/8	25.58	-	-	-	-	800	880	1085	1193	1280	1440	1736	1953
1-1/4	31.75	-	-	-	-	1120	1240	1519	1681	1820	2000	2468	2712
1-3/8	34.93	-	-	-	-	1460	1680	1980	2278	2380	2720	3227	3688
1-1/2	38.10	-	-	-	-	1940	2200	2631	2983	3160	3560	4285	4827

*Thick Nuts must be used with Grade 8 bolts

METRIC BOLT TORQUE SPECIFICATIONS

		5.6			8.8			10.9		
Size of Screw	Property Class	Course Thread			Fine Thread					
		Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters			
M6	5.6	1.0	3.6-5.8	4.9-7.9	-	-	-			
	8.8		5.8-9.4	7.9-12.7		-	-			
	10.9		7.2-10	9.8-13.6		-	-			
M8	5.6	1.25	7.2-14	9.8-19	1.0	12-17	16.3-23			
	8.8		17-22	23-29.8		19-27	25.7-36.6			
	10.9		20-26	27.1-35.2		22-31	29.8-42			
M10	5.6	1.5	20-25	27.1-33.9	1.25	20-29	27.1-39.3			
	8.8		34-40	46.1-54.2		35-47	47.4-63.7			
	10.9		38-46	51.5-62.3		40-52	54.2-70.5			
M12	5.6	1.75	28-34	37.9-46.1	1.25	31-41	42-55.6			
	8.8		51-59	69.1-79.9		55-68	75.9-92.1			
	10.9		57-66	77.2-89.4		62-75	84-101.6			
M14	5.6	2.0	49-56	66.4-75.9	1.5	52-64	70.5-86.7			
	8.8		81-93	109.8-126		90-106	122-143.6			
	10.9		96-109	130.1-147.7		107-124	145-168			
M16	5.6	2.0	67-77	90.8-104.3	1.5	69-83	93.6-112.5			
	8.8		116-130	157.2-176.2		120-138	162.6-187			
	10.9		129-145	174.8-196.5		140-158	189.7-214.1			
M18	5.6	2.0	88-100	119.2-136	1.5	100-117	136-158.5			
	8.8		150-168	203.3-227.6		177-199	239.8-269.6			
	10.9		175-194	237.1-262.9		202-231	273.7-313			
M20	5.6	2.5	108-130	146.3-176.2	1.5	132-150	178.9-203.3			
	8.8		186-205	252-277.8		206-242	279.1-327.9			
	10.9		213-249	288.6-337.4		246-289	333.3-391.6			



Declaration of Conformity



DFK Cab, s.r.o.

Za Olšávkou 391

686 01 Uherské Hradiště

Česká republika / Czech Republic