



*INSTALLATION INSTRUCTIONS*

# **MAHINDRA**

## **ROXOR 4**



## **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 to properly latch/lock front window before driving the vehicle could result in serious injury.***

CAB PREVIEW



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HARDCABS ROXOR4 CAB KIT **REQUIRES** INSTALLATION OF  
MAHINDRA EXTENDED ROPS KIT.  
ROXOR4 CAB KIT **CANNOT BE INSTALLED** WITHOUT  
HARDCABS ROXOR2 CAB KIT

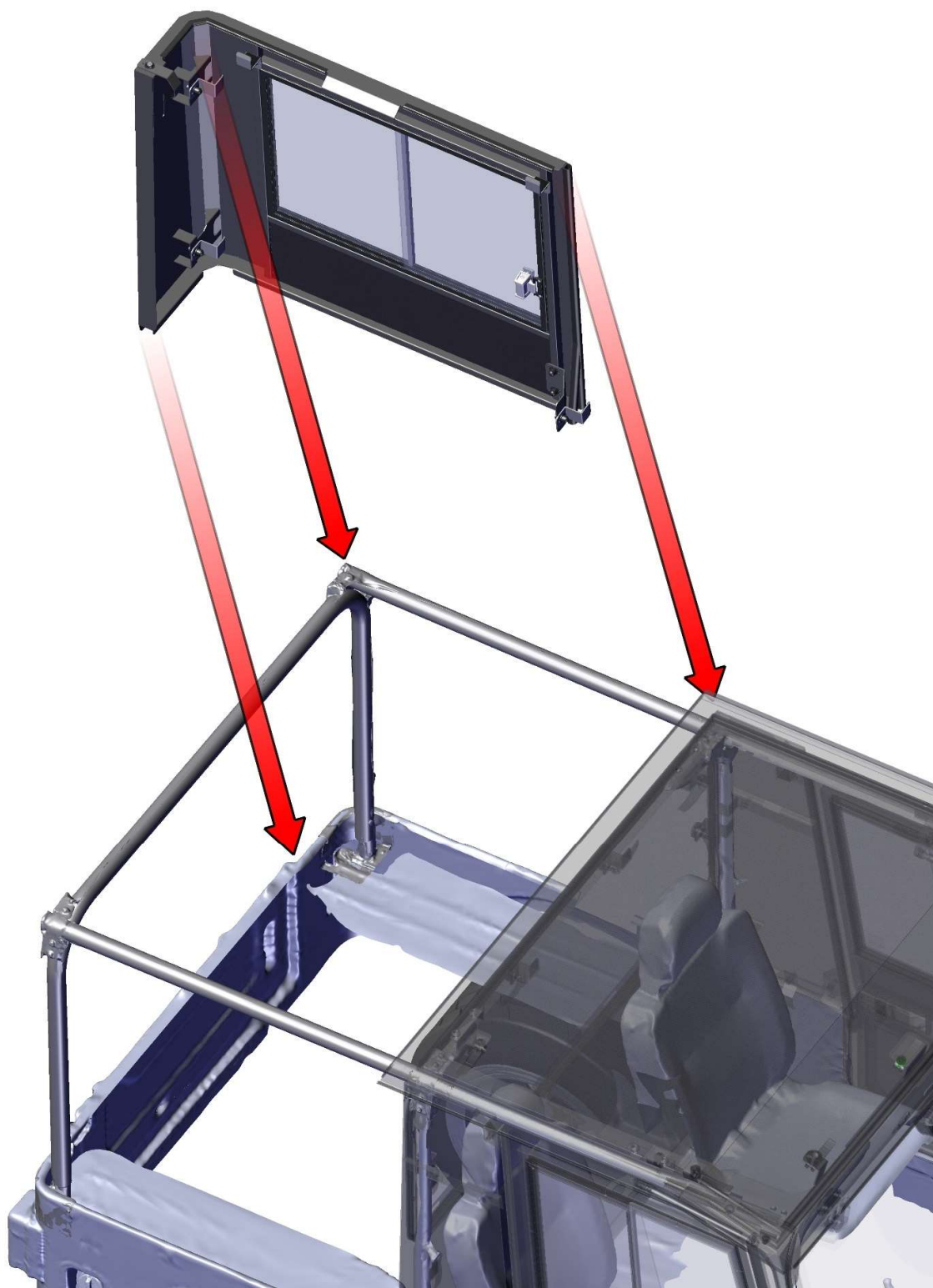
If you ALREADY have the ROXOR2 Cab kit and are adding on, remove the rear panel and install the Mahindra Extended ROPS Kit.



4



Place the left side panel onto the machine frame.



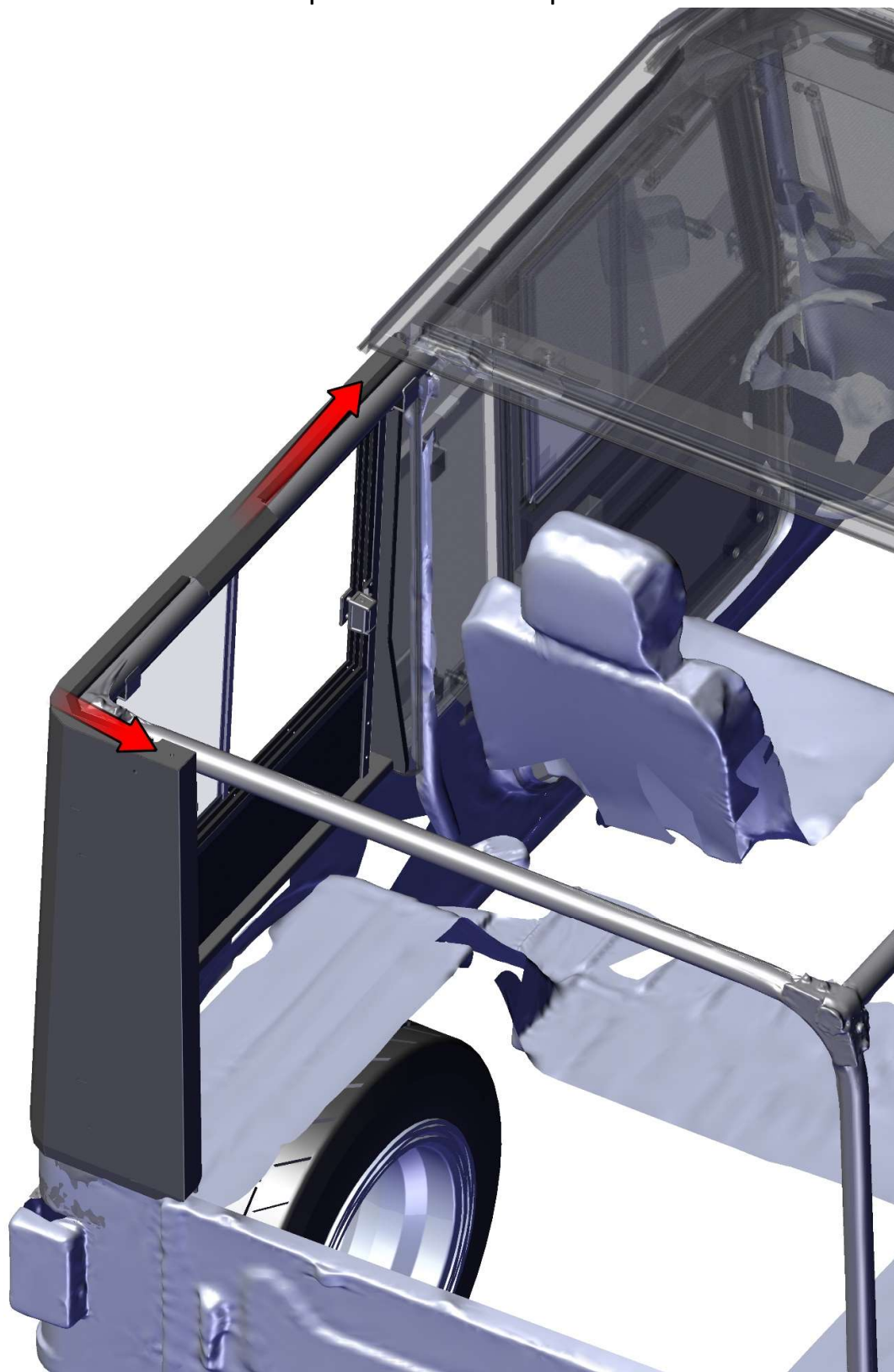
5

Press the panel onto the cargo. Turn the holders to the best position.



6

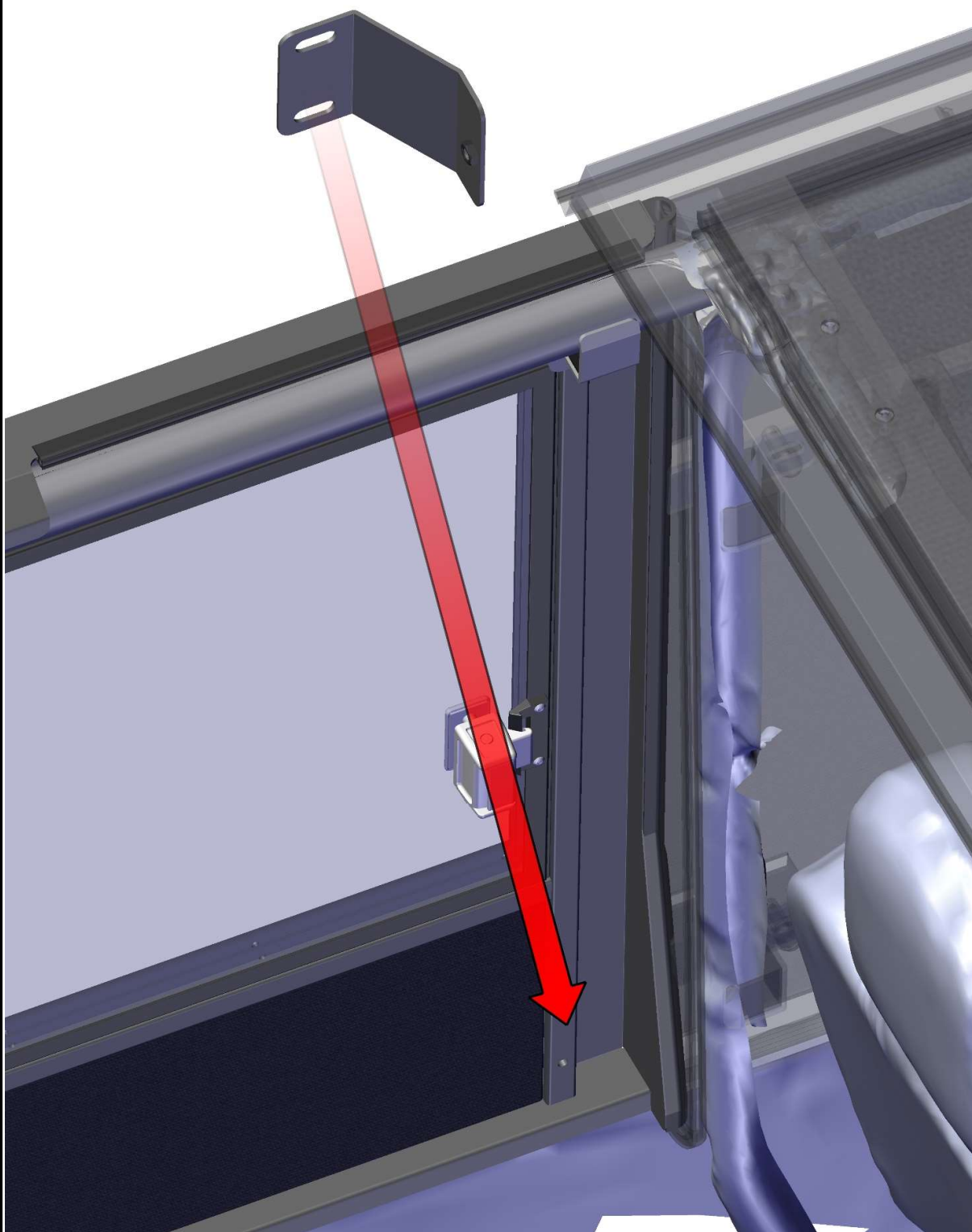
Press the side panel to the best position.



7



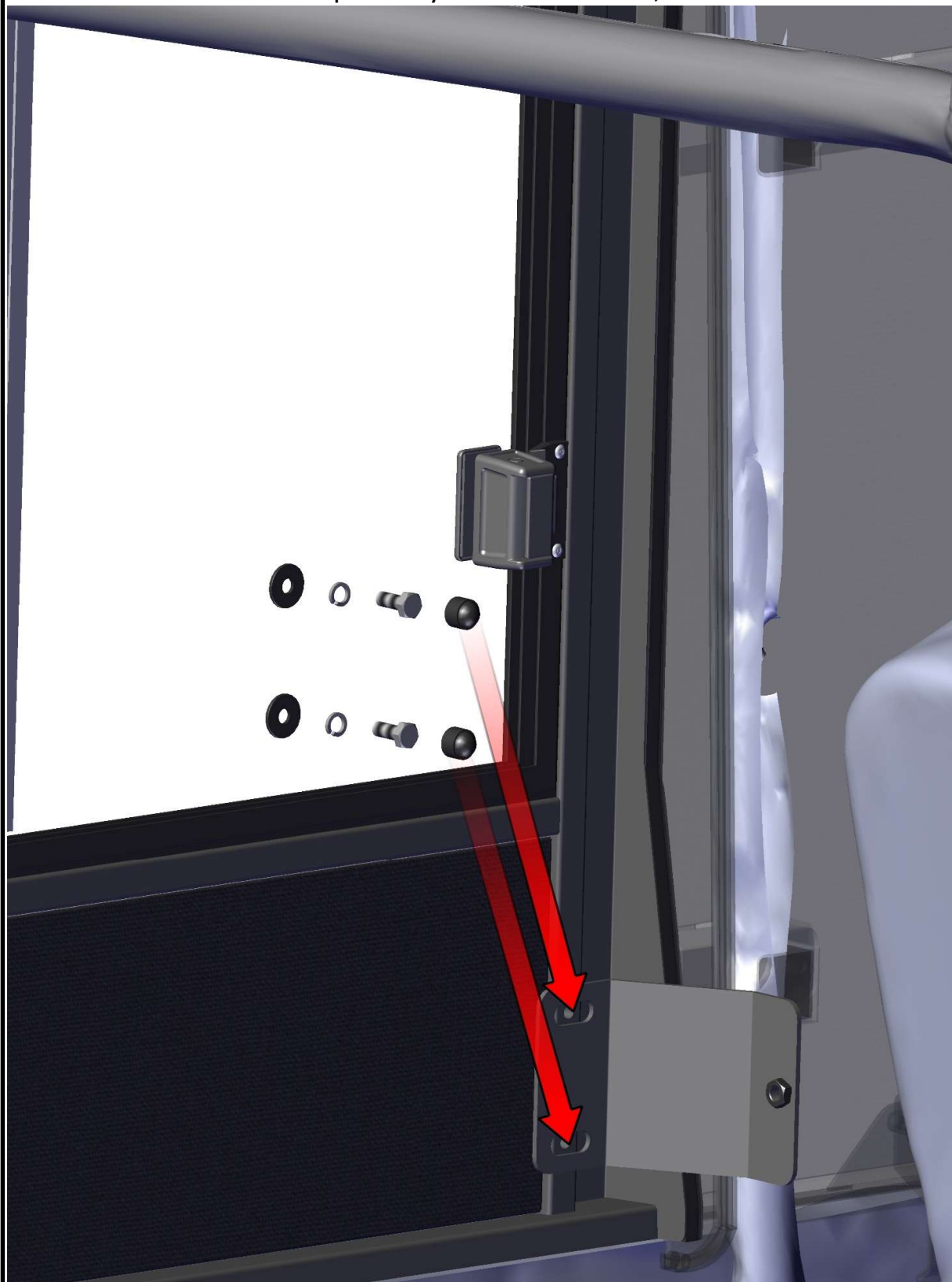
Place the front side holder onto the side panel.



8

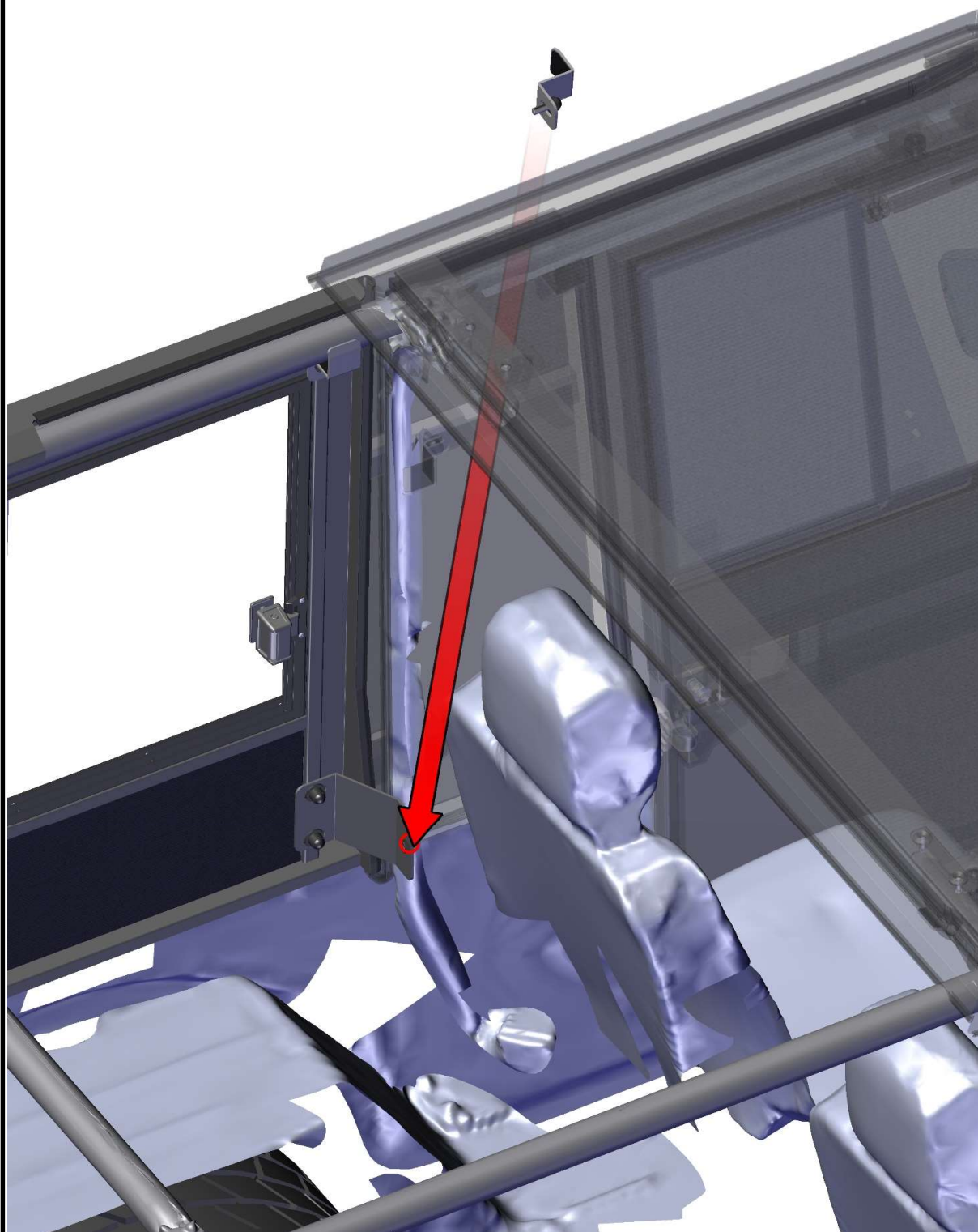


Fix the holder with the panel by included screws, washers and covers.



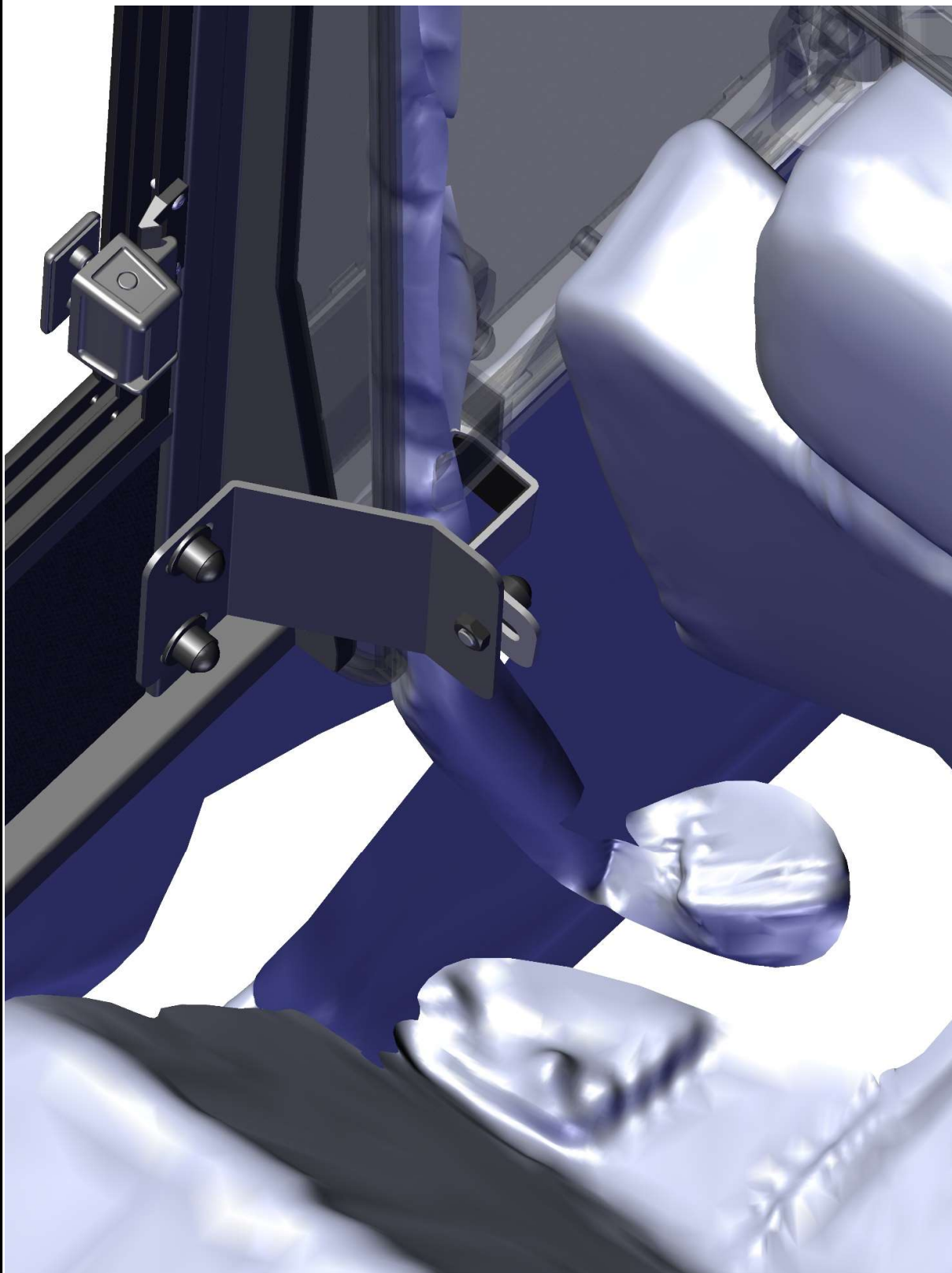
9

Place the front simple holder onto the machine frame and onto the holder. Fix the simple holder with the holder by included screw, washer and cover.



10

View onto the mounted holder.



11

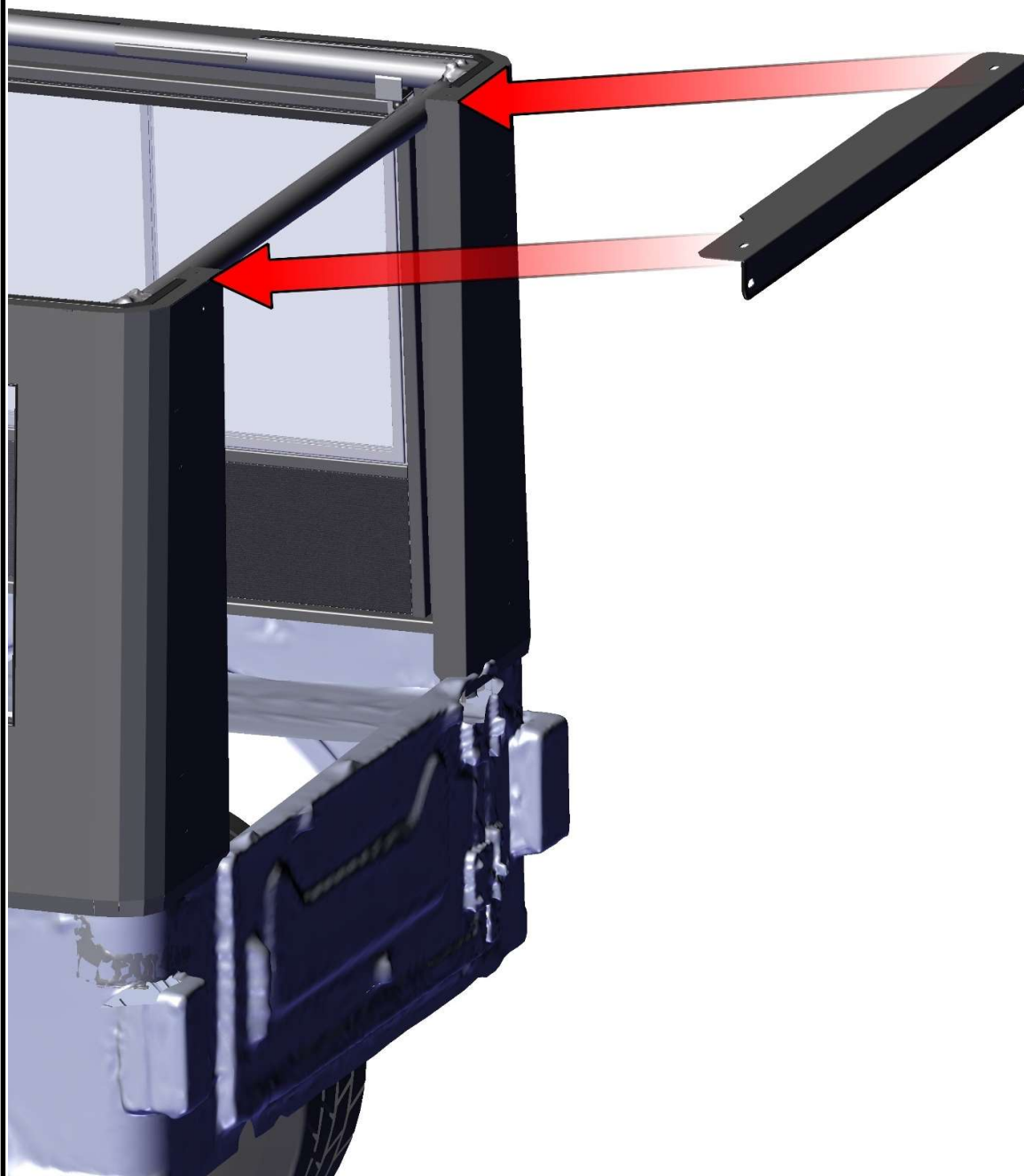
Repeat previous steps with the right side panel.



12

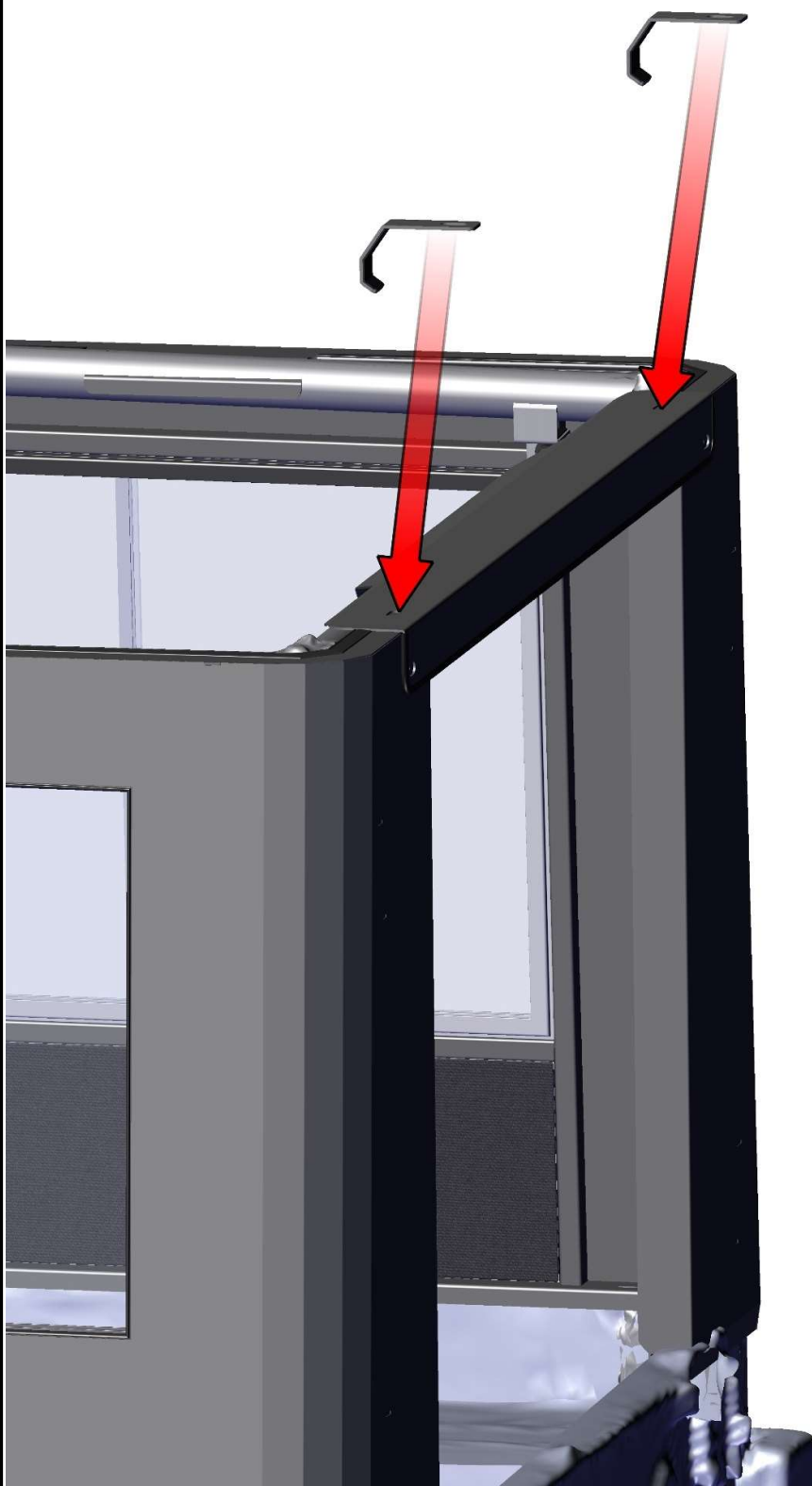


Place the rear upper ledge onto the side panels.



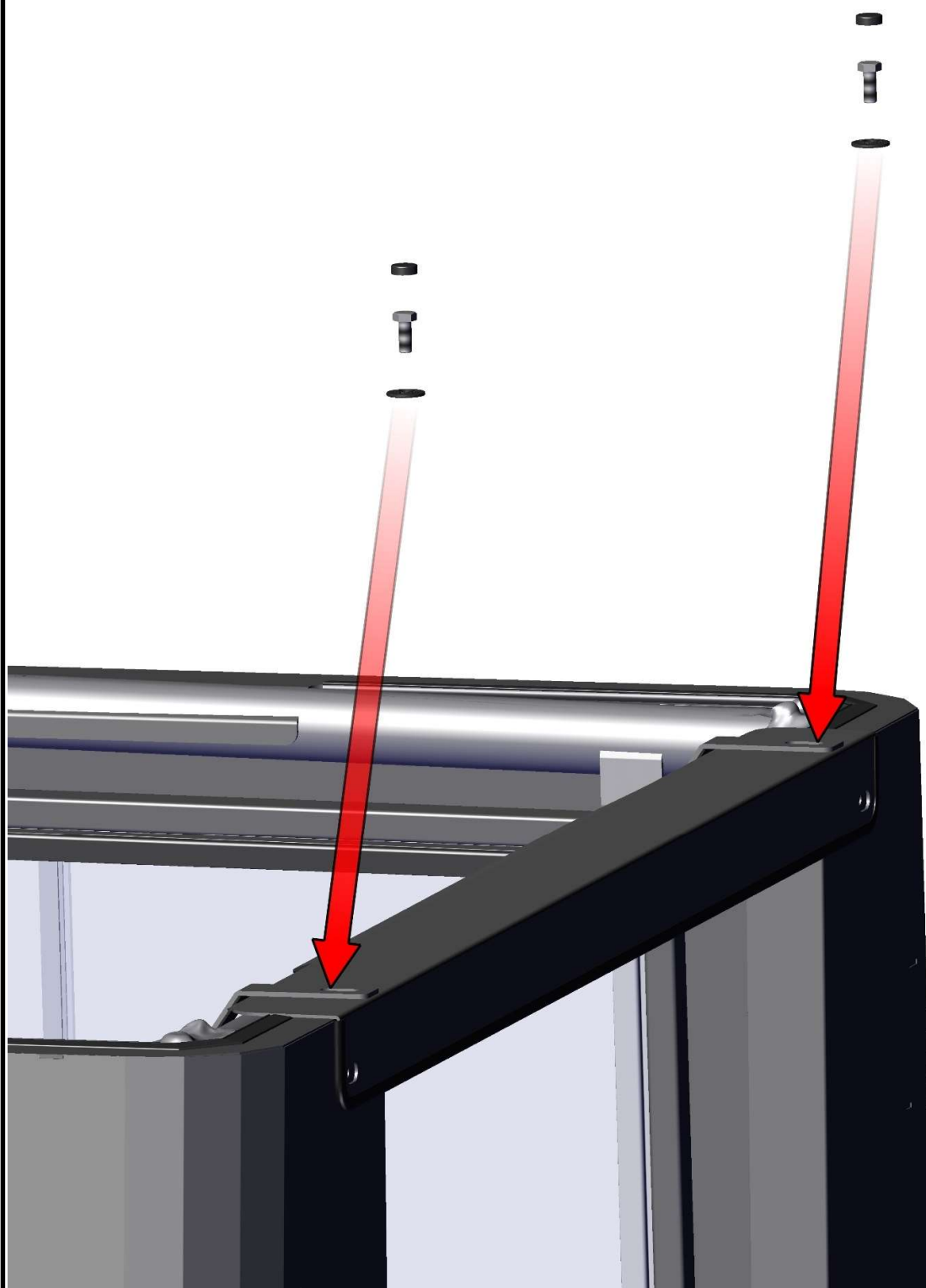
13

Place the rear upper holders onto the ledge and onto the machine frame.



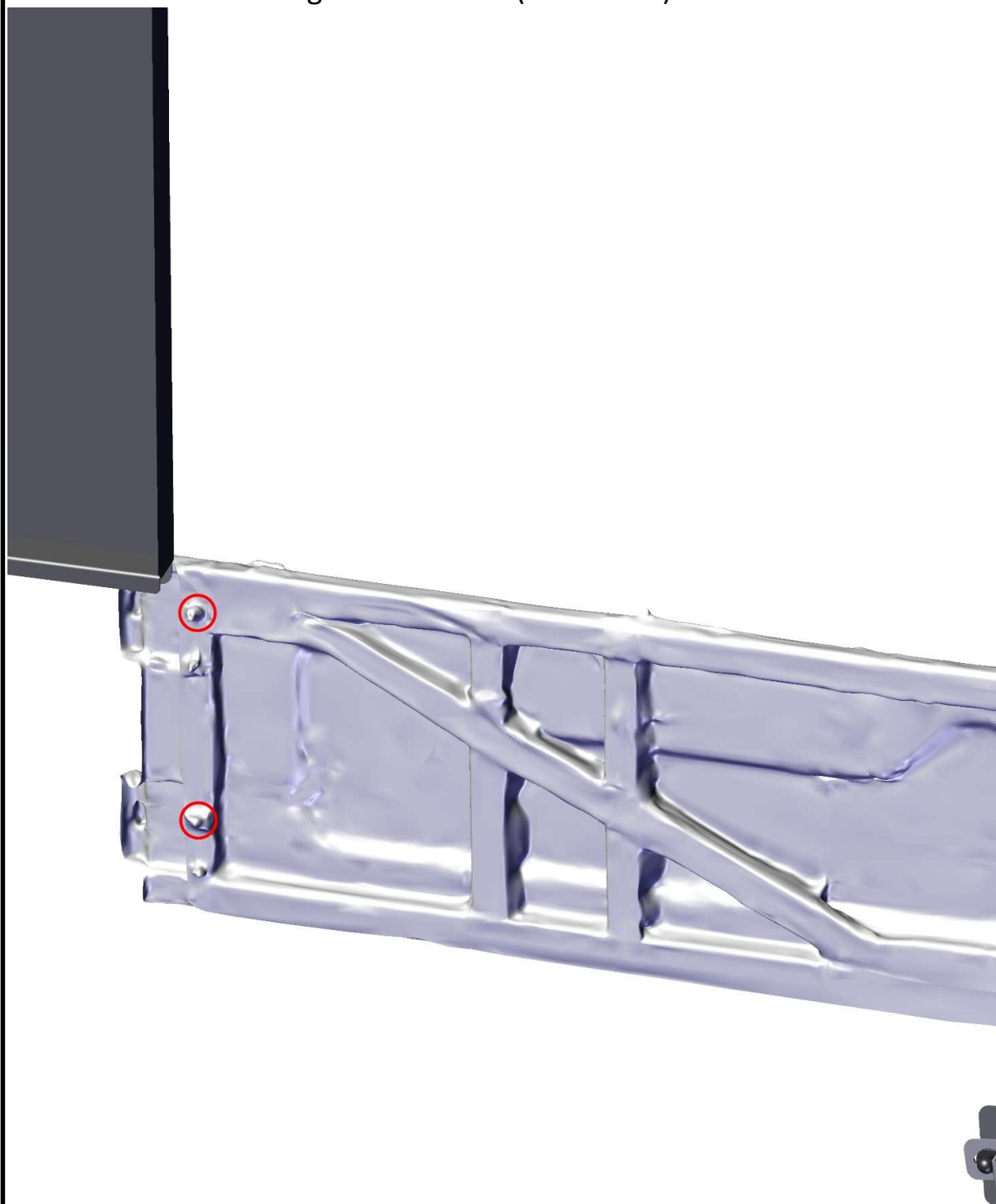
14

Fix the holders with the ledge by included screws, washers and covers.



15

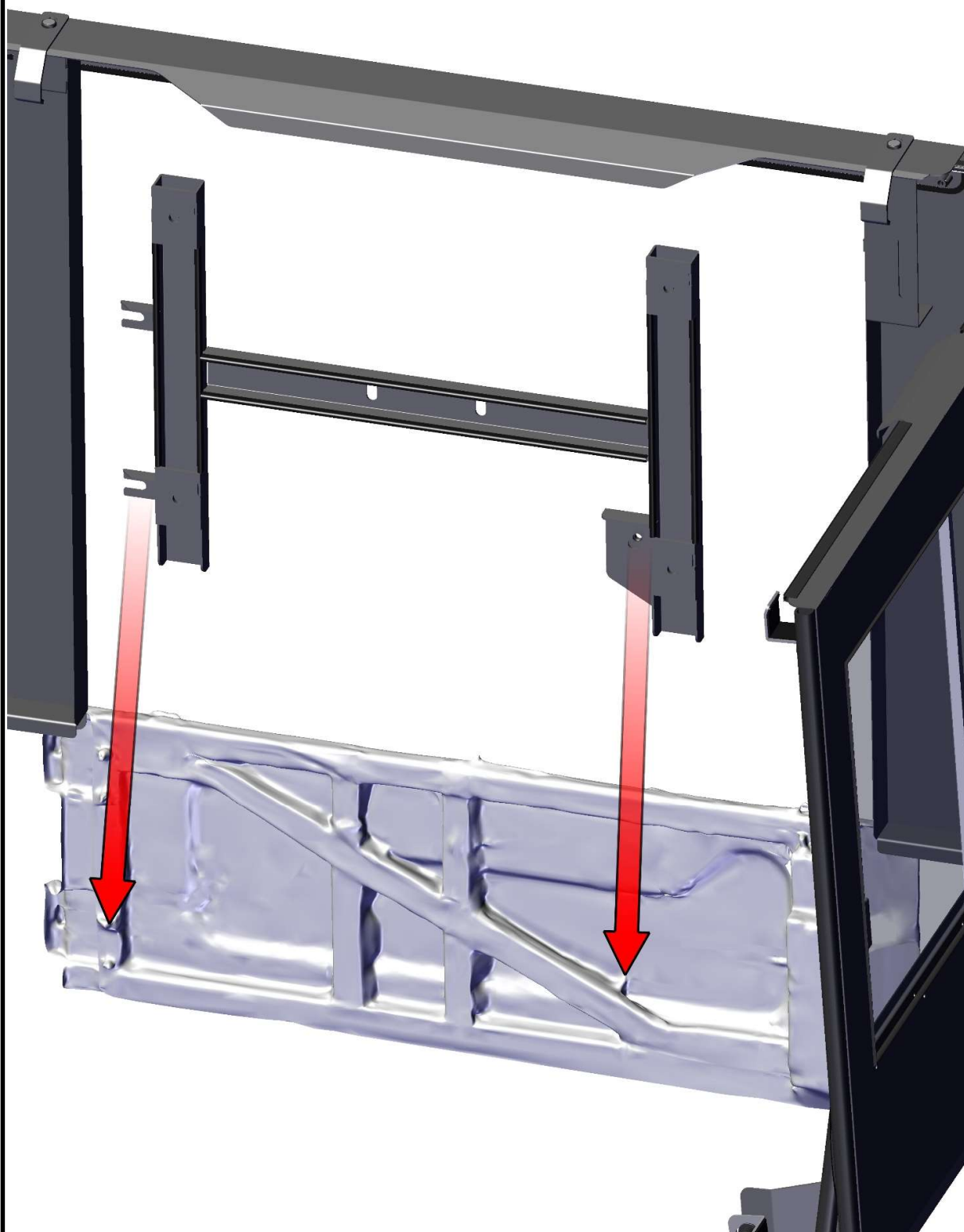
Loosen the original door nuts (red circles). SEE NEXT PAGE



16

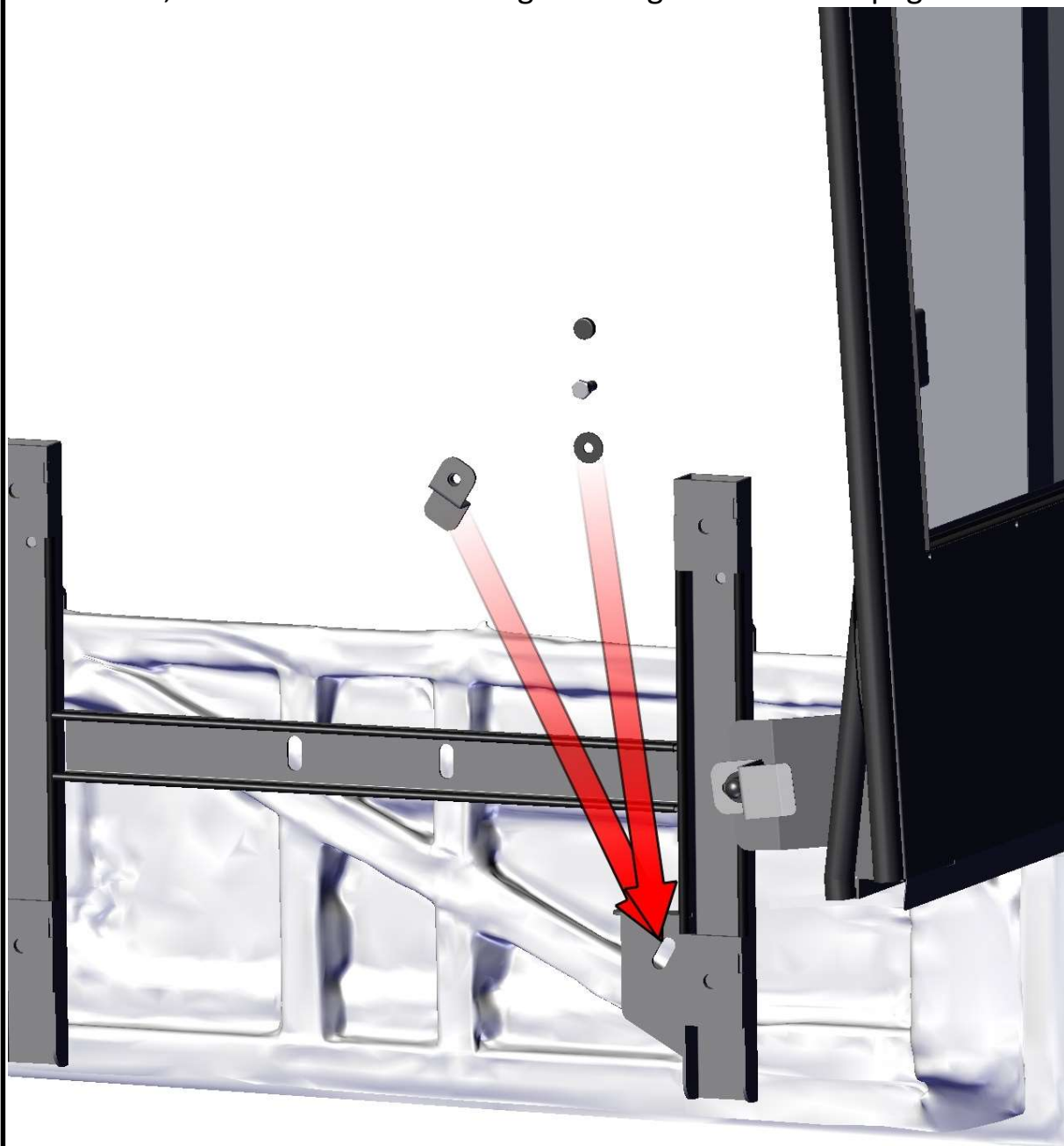


Place the door bottom assembly onto the original cargo door.



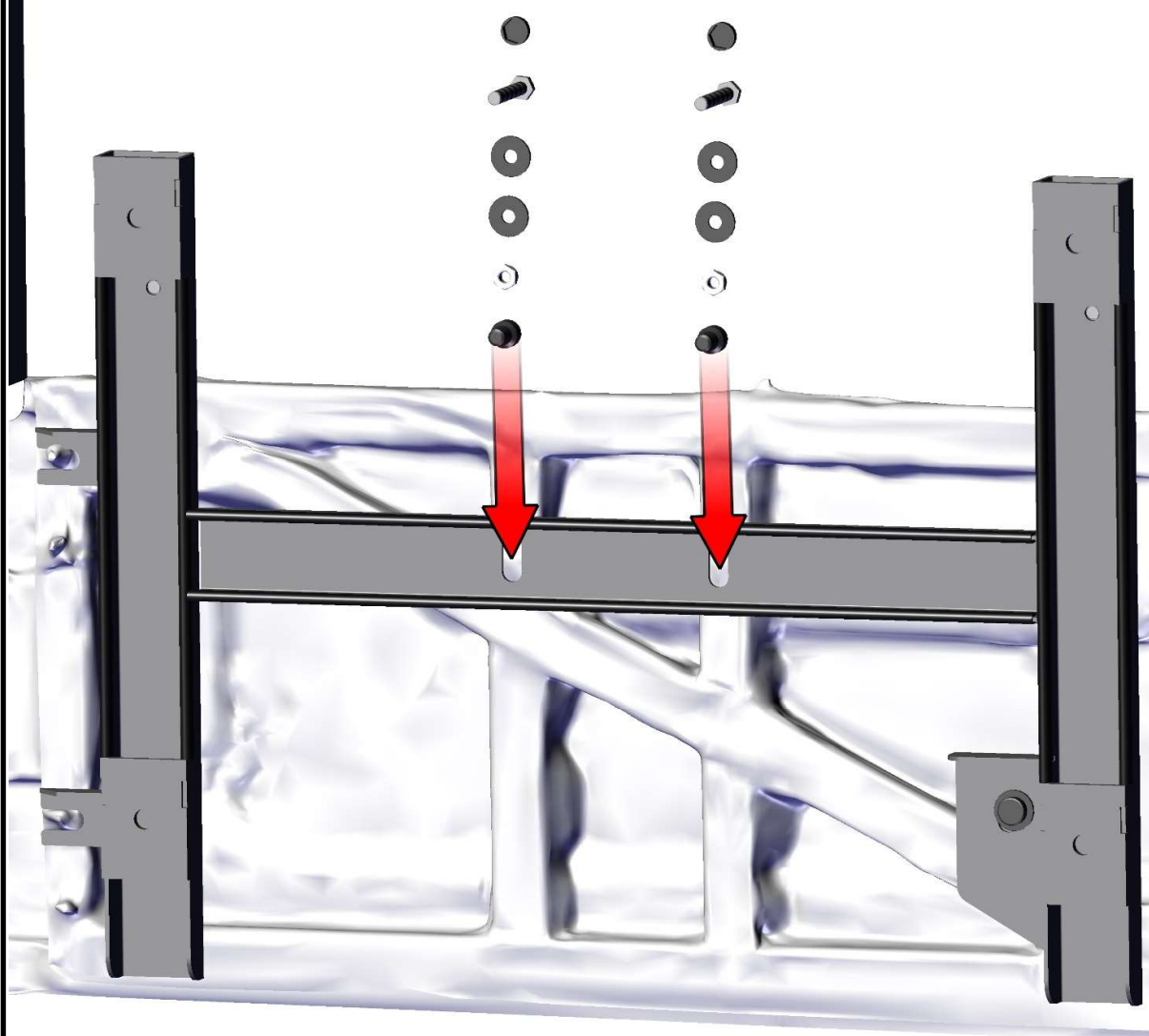
17

Place the holder onto the bottom assembly and onto the original door. Fix the bottom assembly with the holder to the original door by included screw, washer and cover. Re-tighten original nuts from page 16.



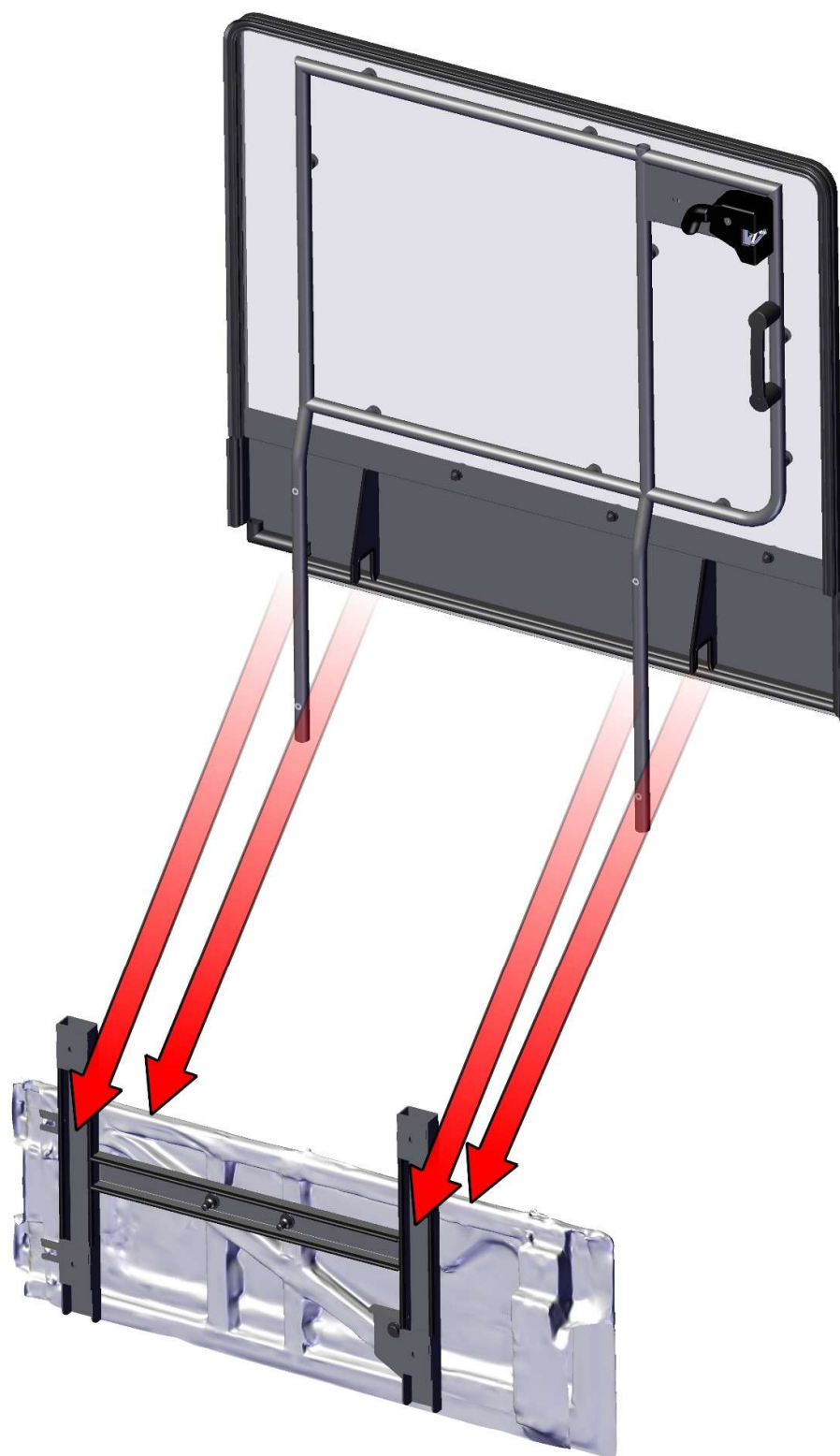
18

Fix the bottom assembly with the original door by included screws, washers, nuts and covers.



19

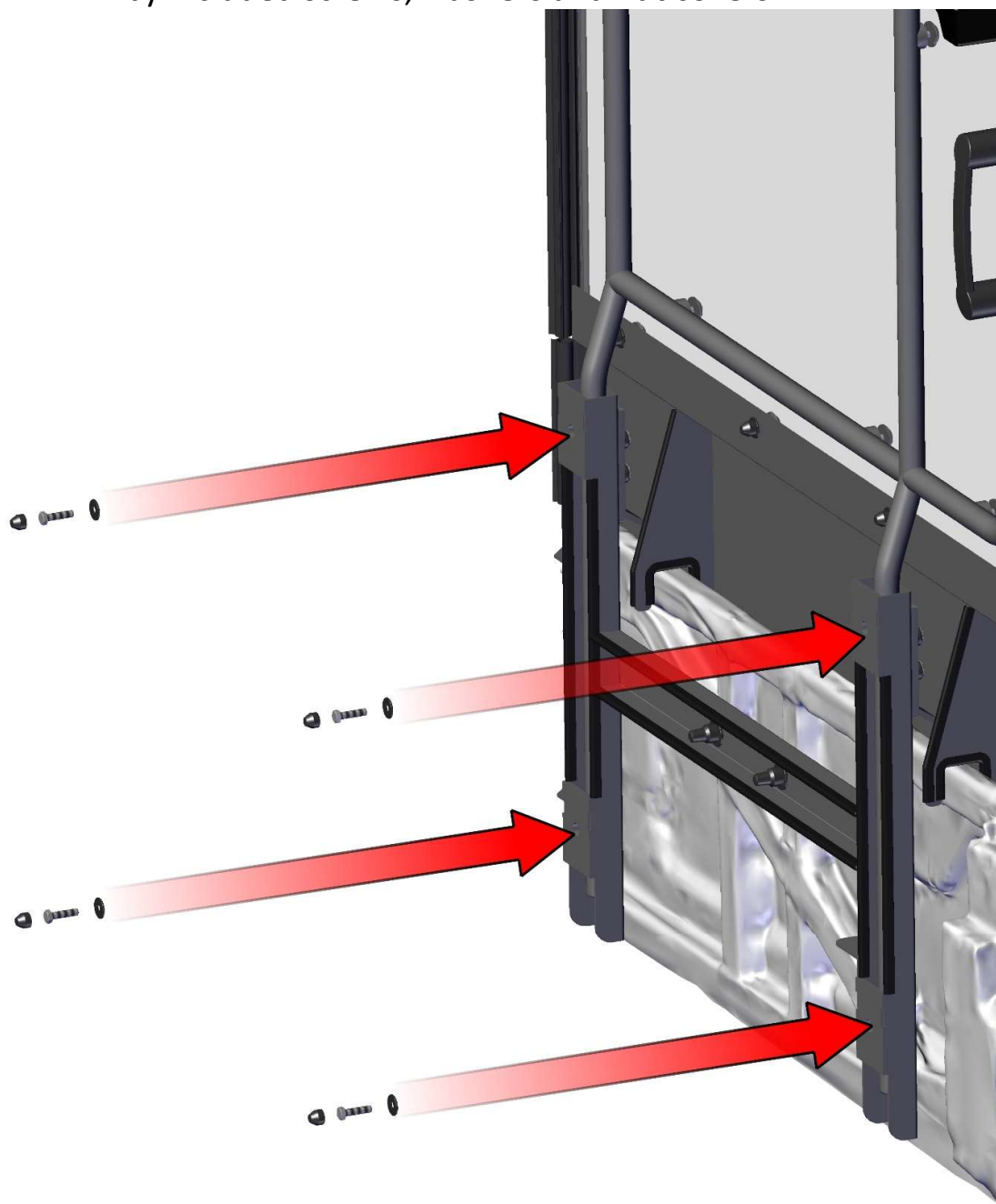
Insert the door assembly into the bottom assembly.



20

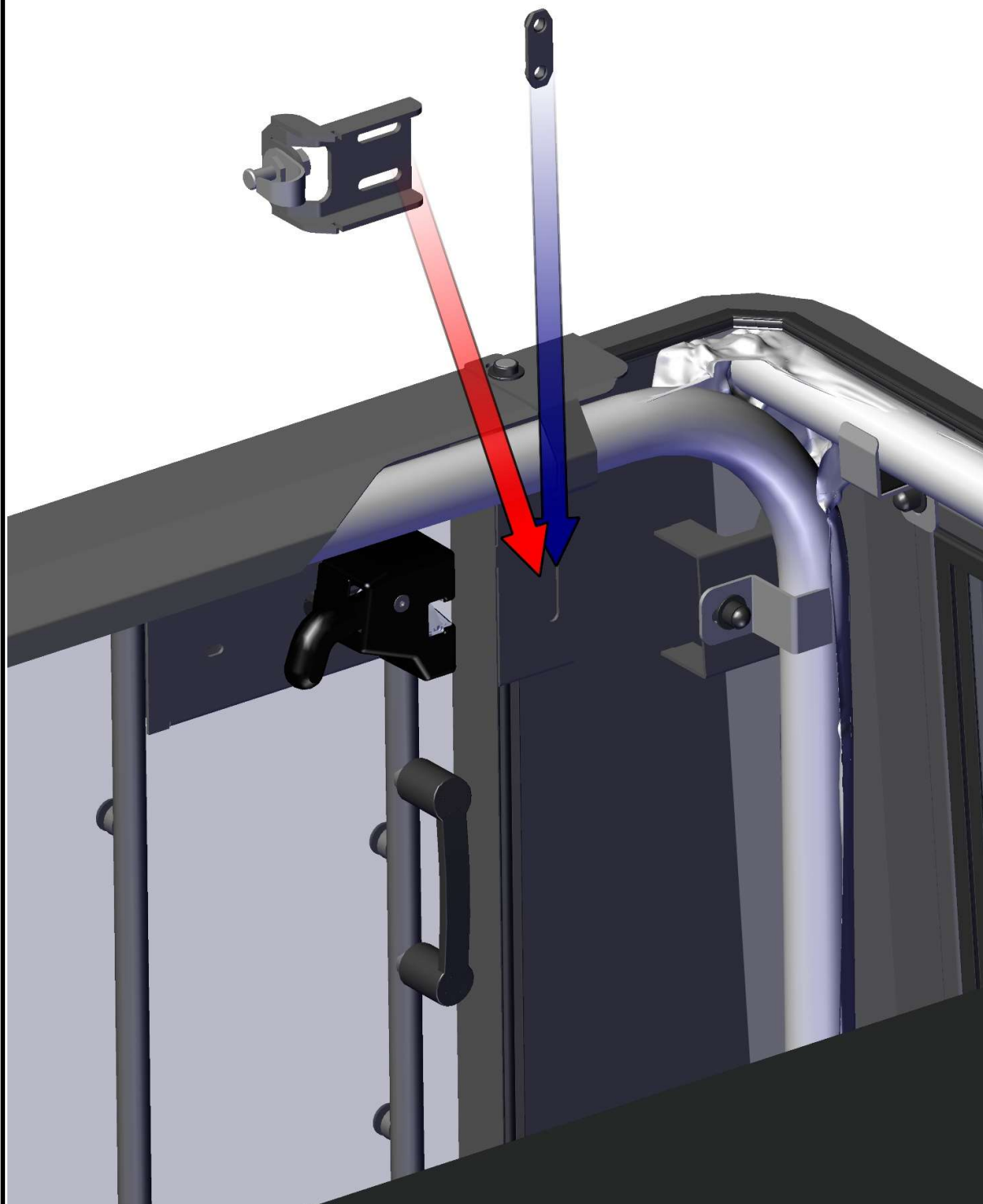


Adjust the door assembly onto the best position  
and fix the door assembly with the bottom assembly  
by included screws, washers and nut covers.



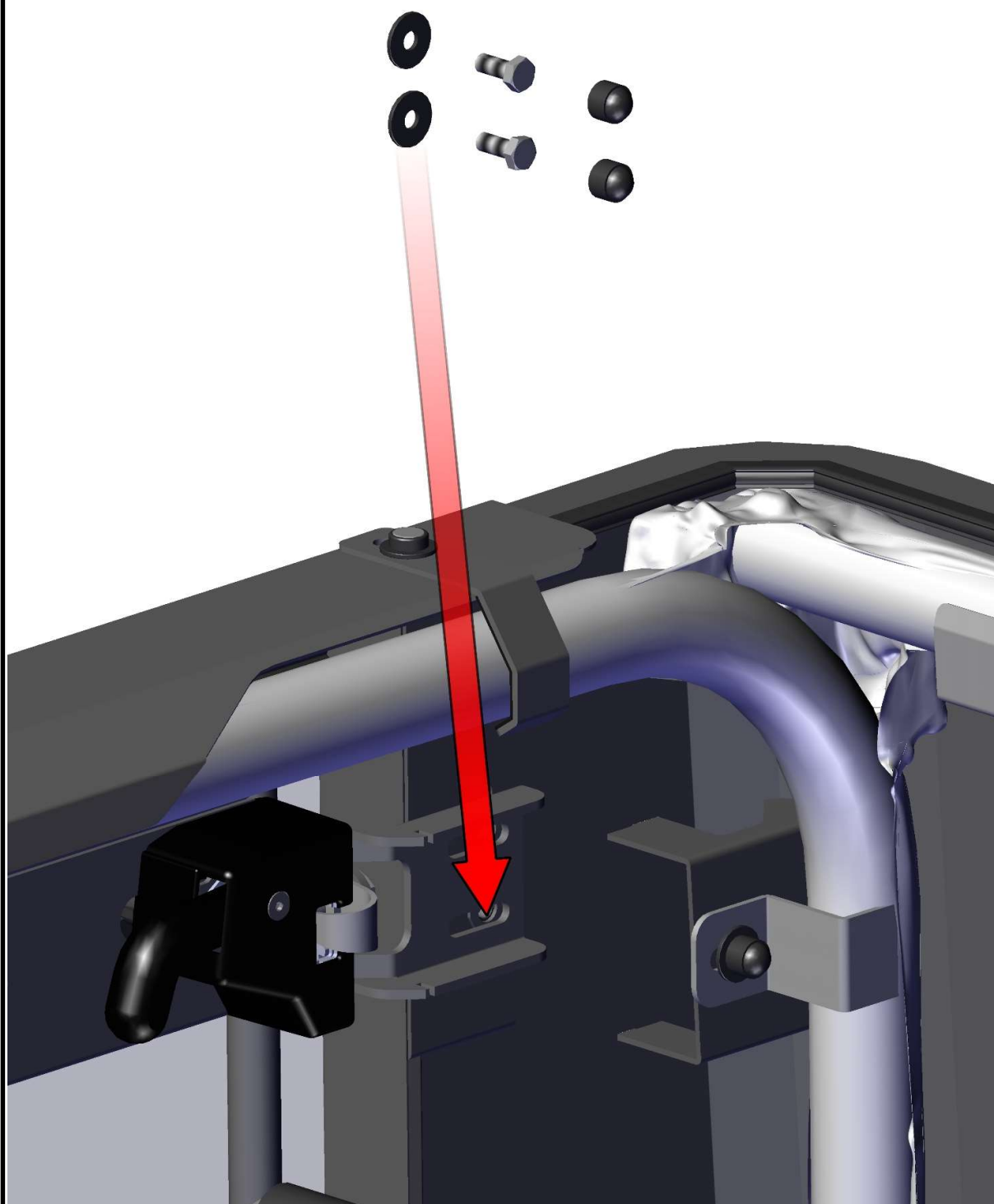
21

Insert the door stop auxiliary holder into the left side panel. Place the door stop holder onto the left side panel.



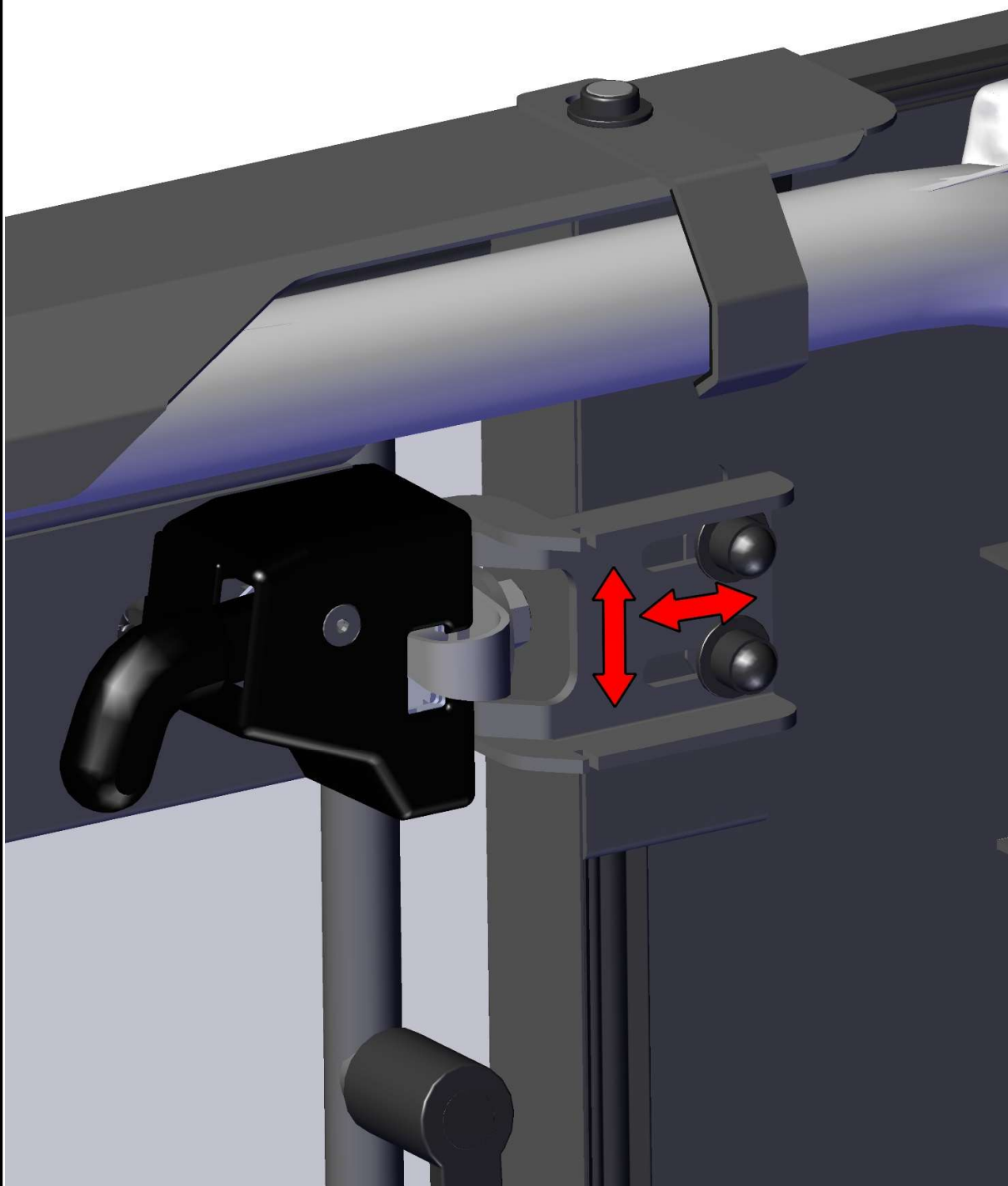
22

Fix the auxiliary holder with the door stop holder by included screws, washers and covers.



23

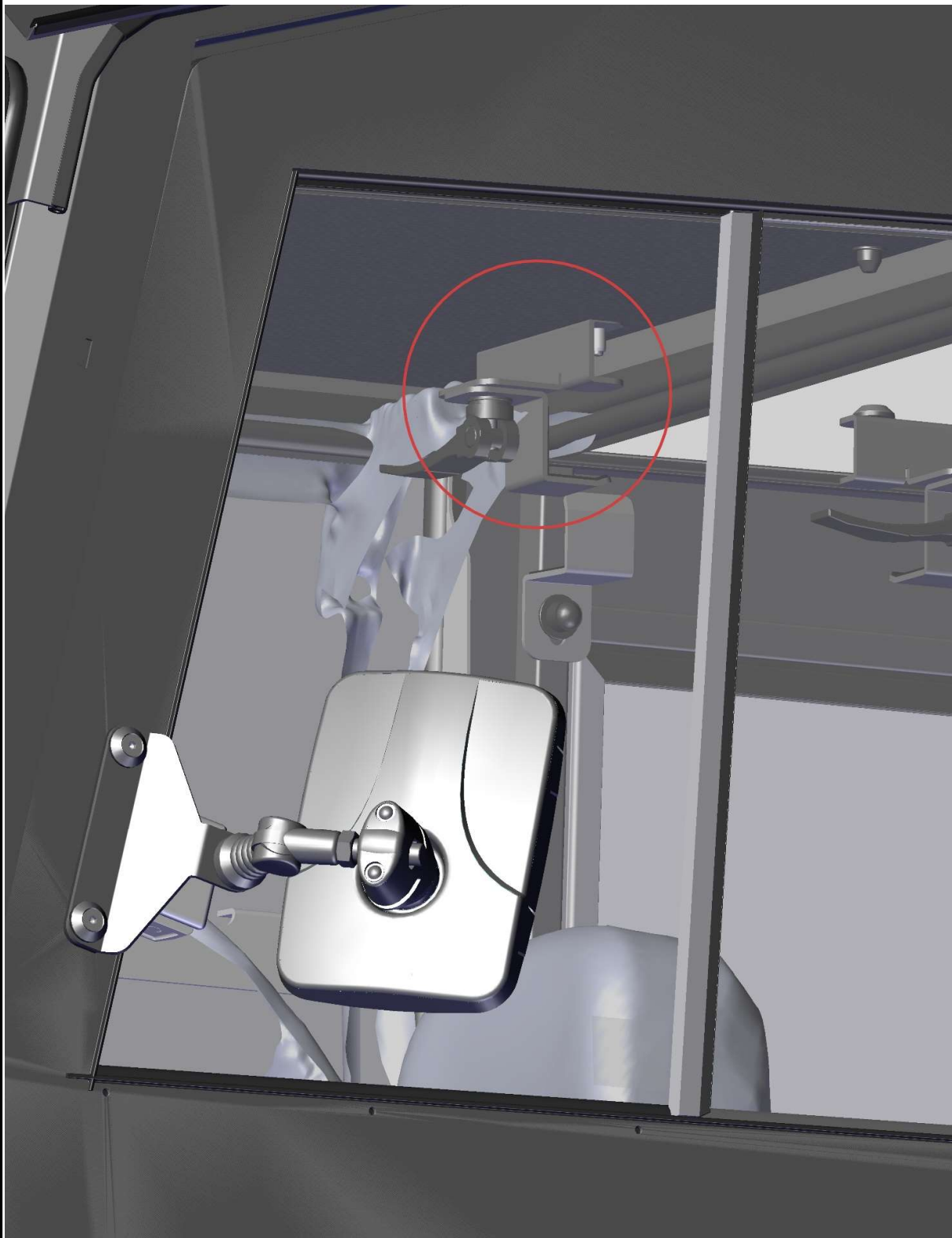
Adjust the door stop holder to the best position  
(door lock has to work with door stop pin properly).



24

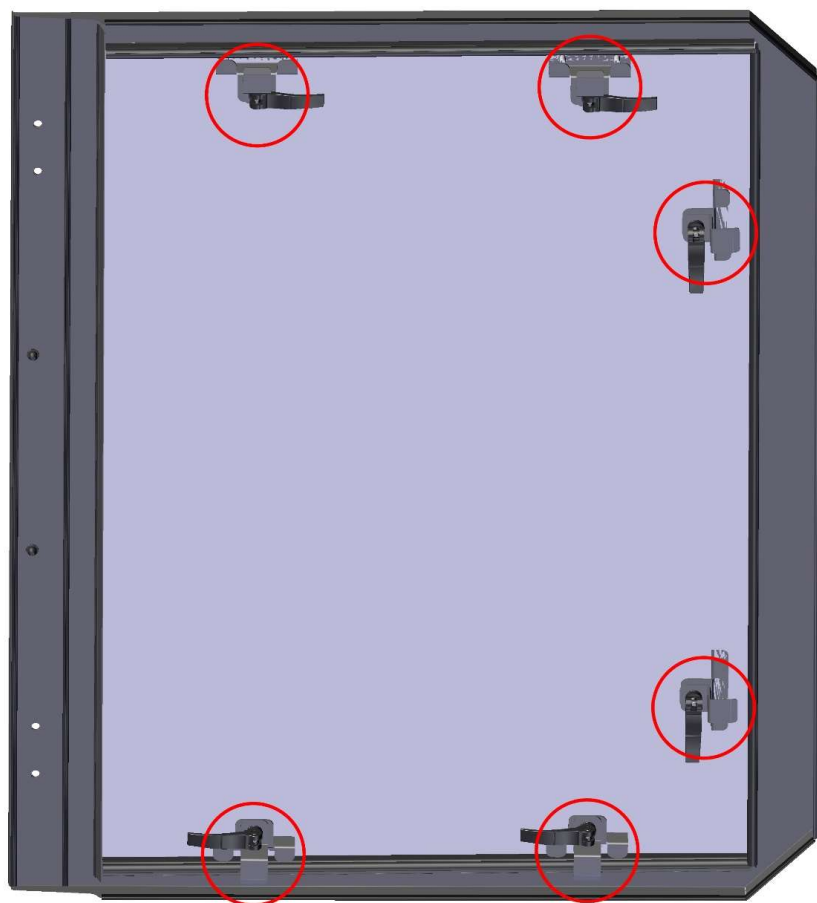


Un-mount the FRONT cab roof rear holders (in red circle)  
from both sides.



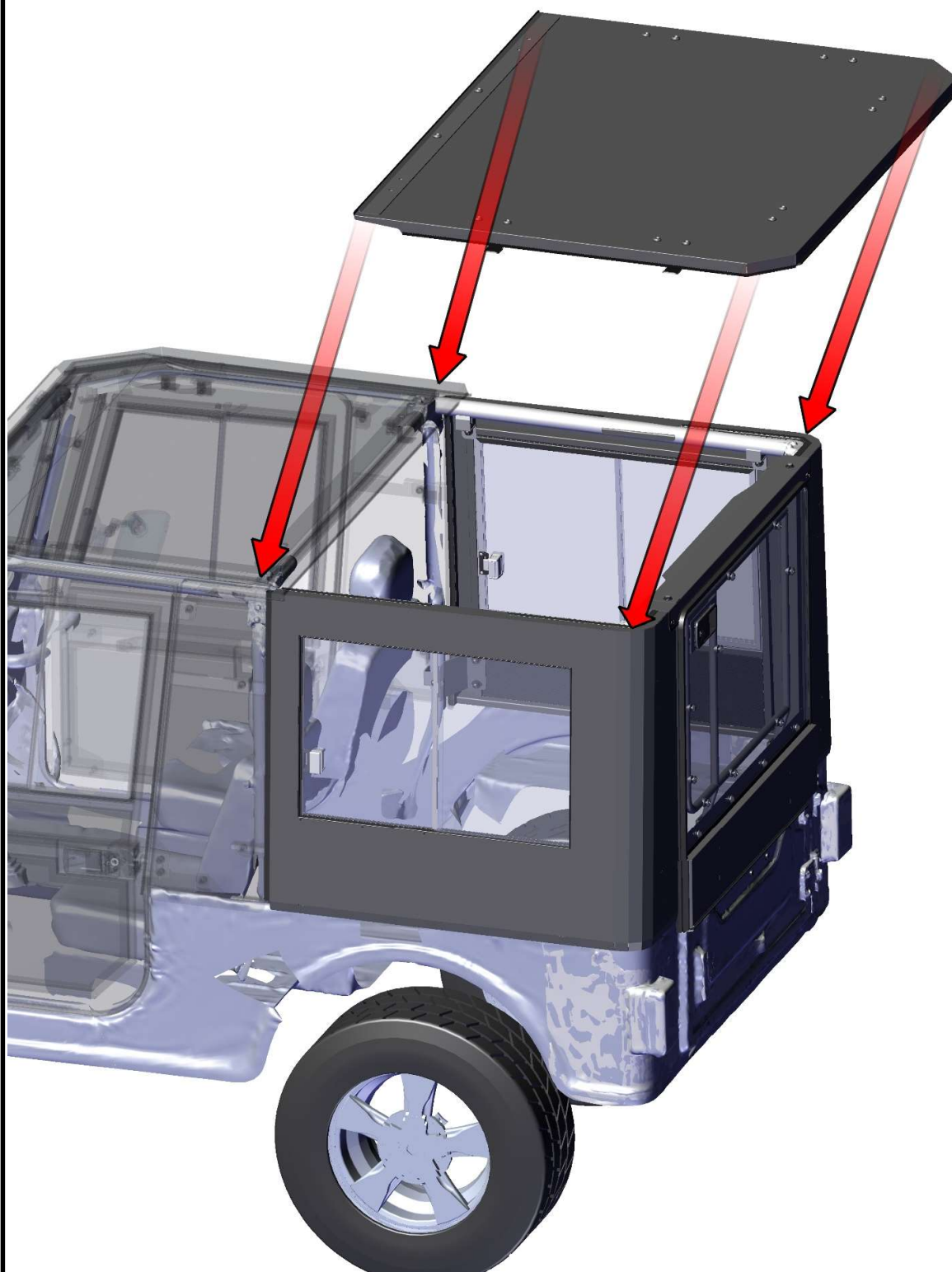
25

Loosen the roof holder screws and turn the holders to the neutral position.



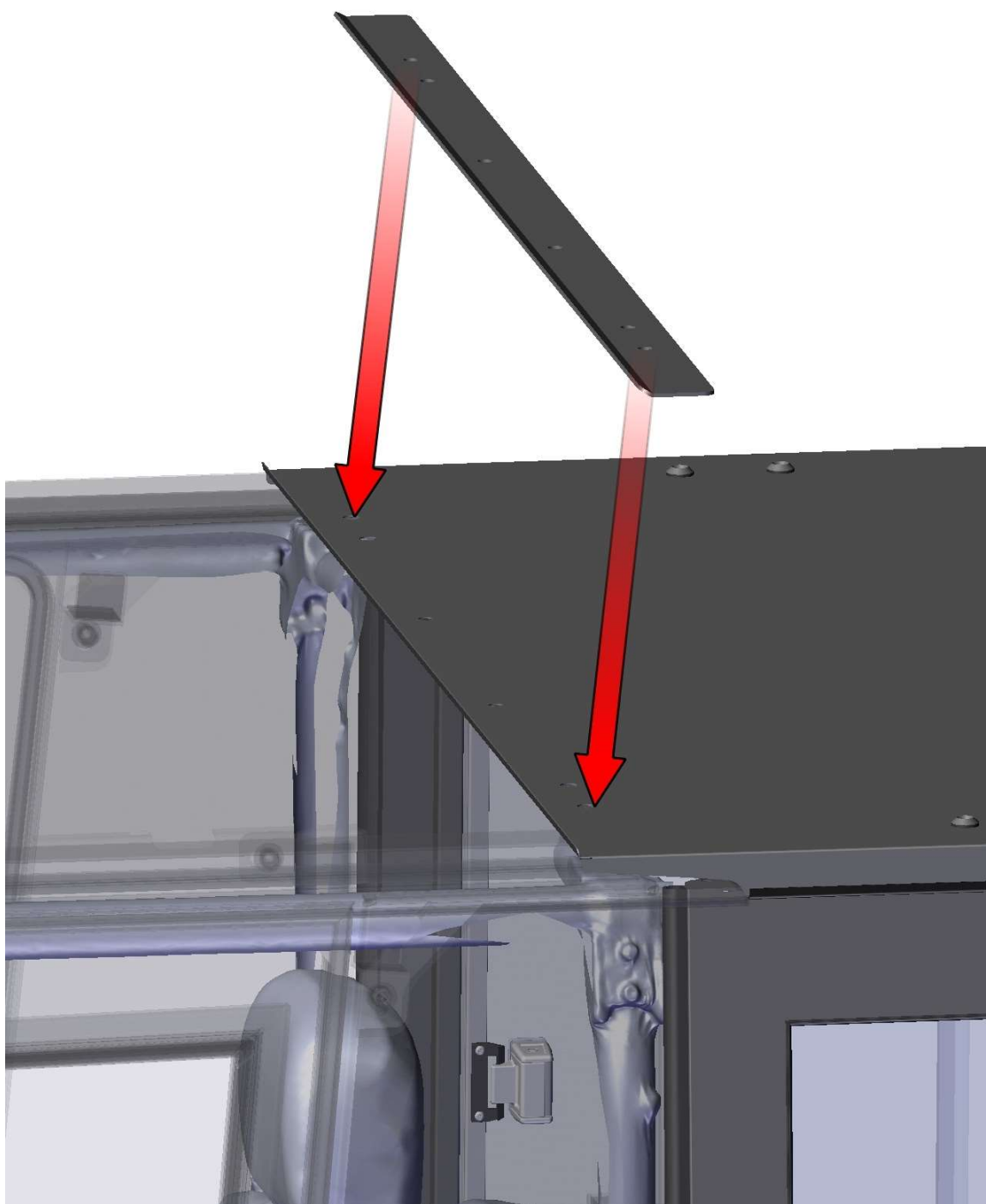
26

Place the roof onto the FRONT roof and onto the side panels.



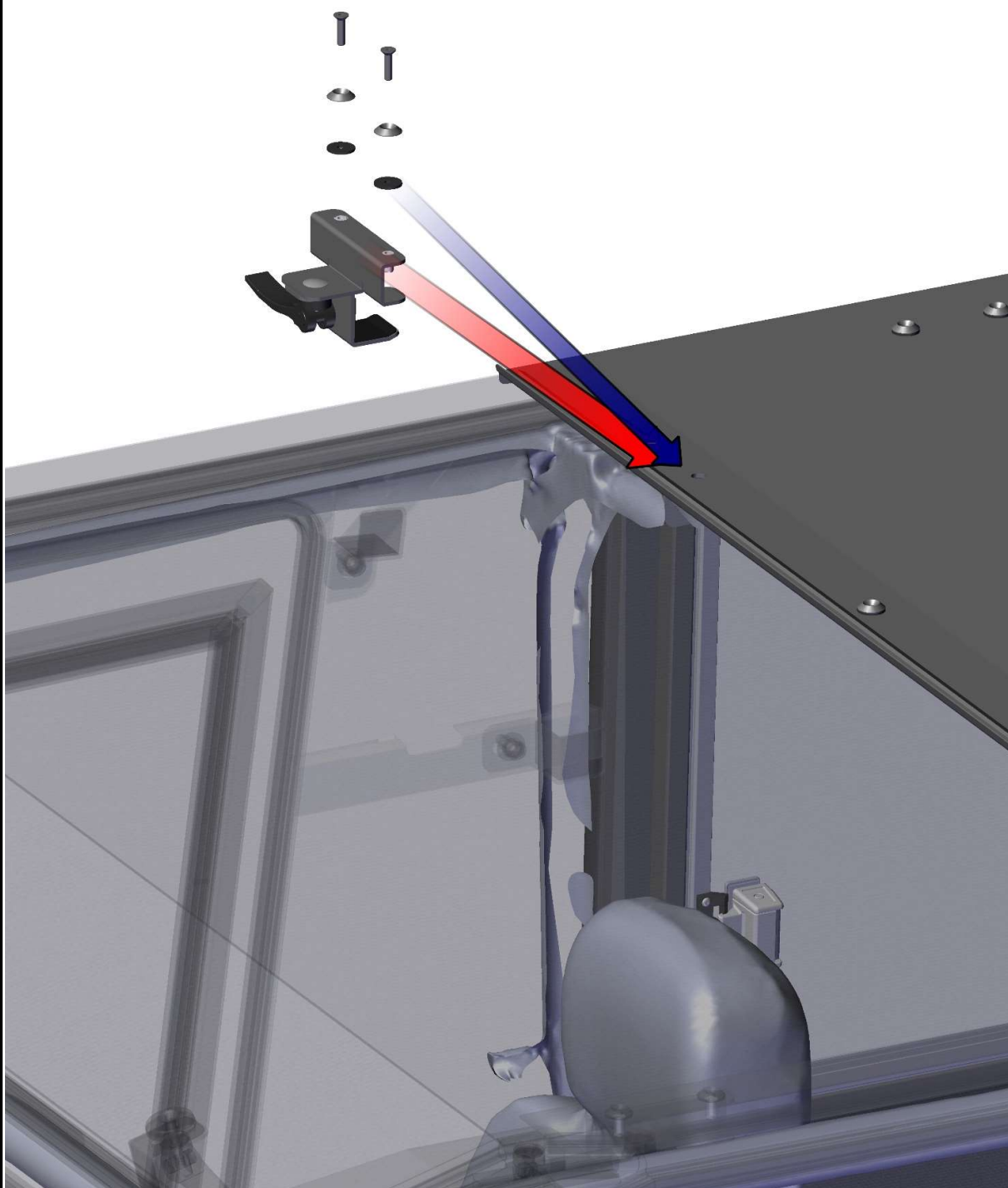
27

Place the upper roof ledge onto the rear roof. Add black silicone seal if desired.



28

Place the roof holder pack to position on both sides. Fix the rear roof and ledge with the front roof to the holder by included screws and washers.



29

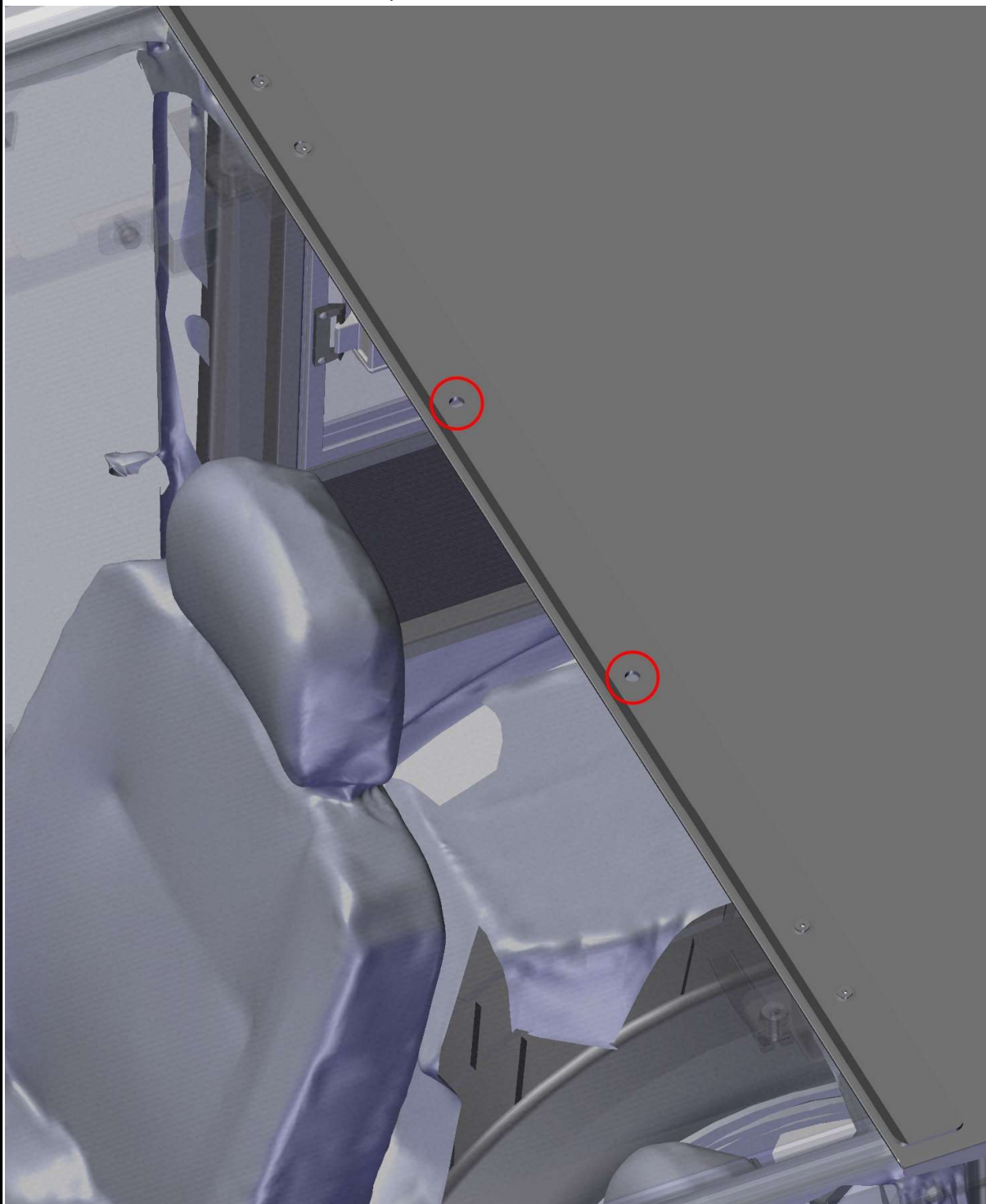


Make marks onto the front roof in accordance with the rear roof holes.

Drill 2 holes  $\varnothing$  2mm into the mark's centers.

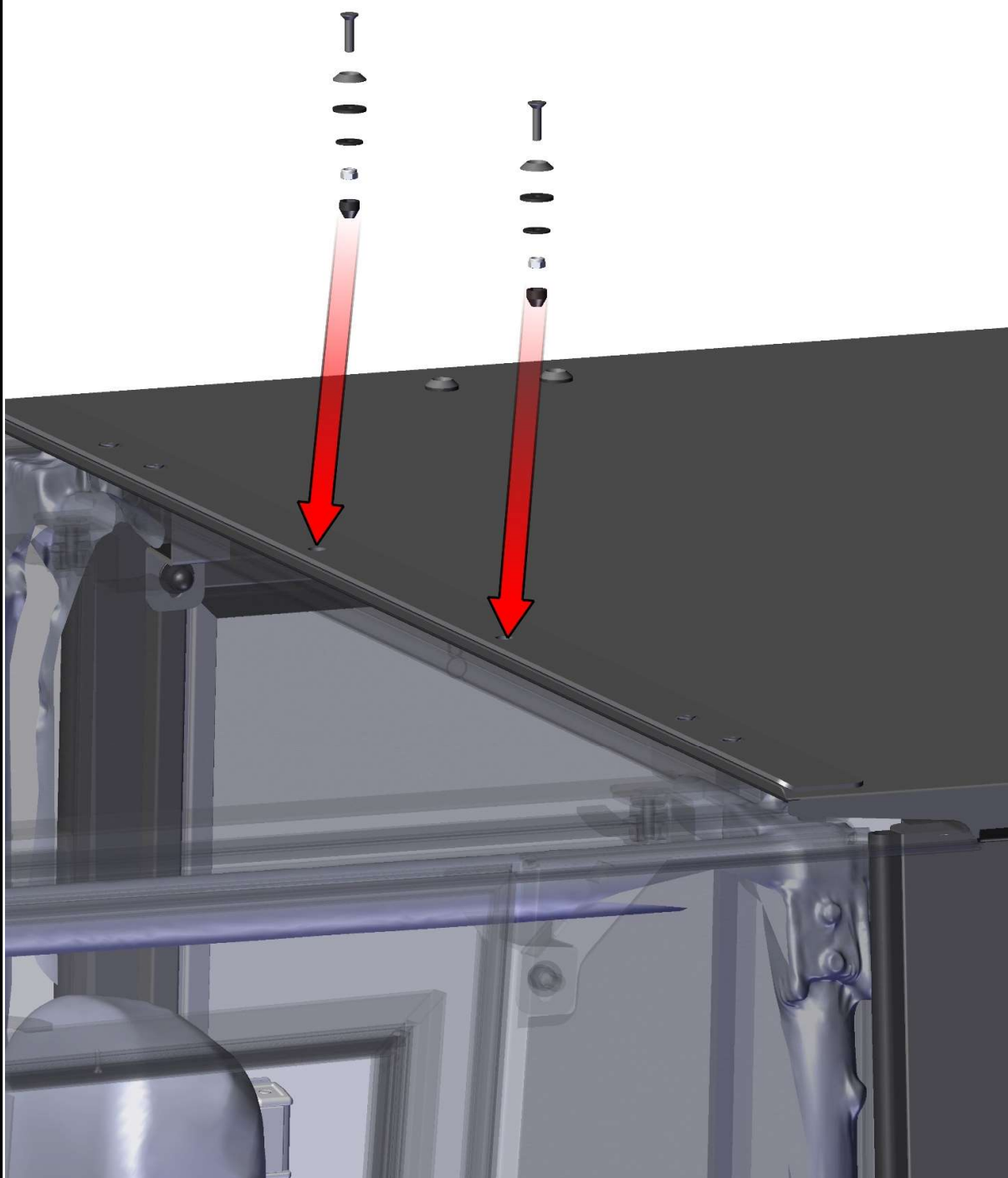
Cut out the upholstery from the front roof around the drilled holes.

Drill 2 holes  $\varnothing$  8mm into the drilled holes.



30

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



31

Adjust the rear roof holders to the best position.



32

Tighten all screws and nuts correctly.



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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			



*HardCabs*

The logo features the word "HardCabs" in a dark red, italicized serif font. A solid red horizontal line underlines the text, starting from the beginning of the word and extending to the right, where it terminates in a red arrowhead pointing towards the right.