



INSTALLATION INSTRUCTIONS

CAM-AM
DEFENDER/TRAXTER MAX



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 jewellery 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.

MAINTANCE 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 roller cage (work lights, rear mirrors, drink holders etc.). If you install DFK cabin with doors uninstall side tubes (red lines) from the vehicle on a both sides.



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Loosen the fixing bolts (red circles) and uninstall the tubes.

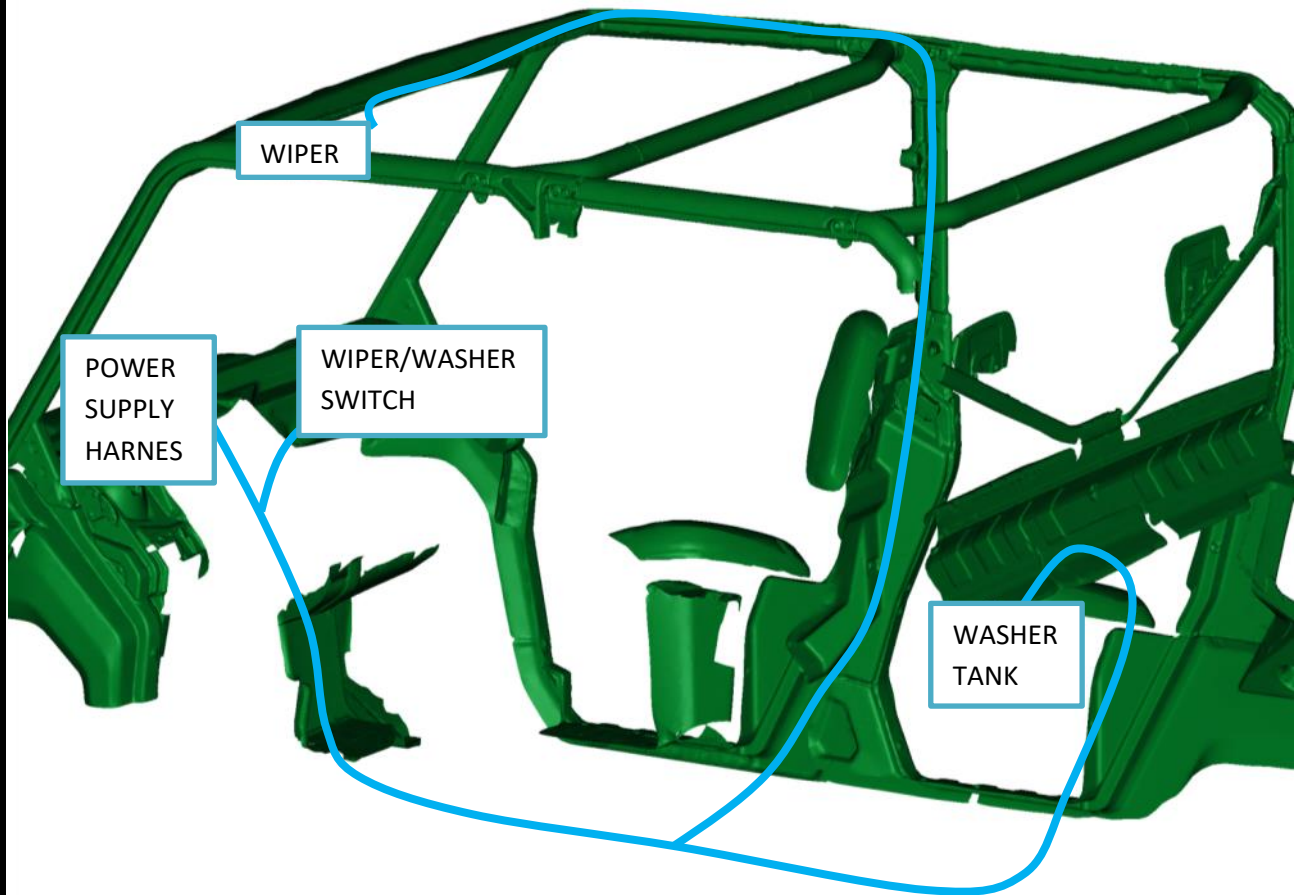


CAB PREVIEW

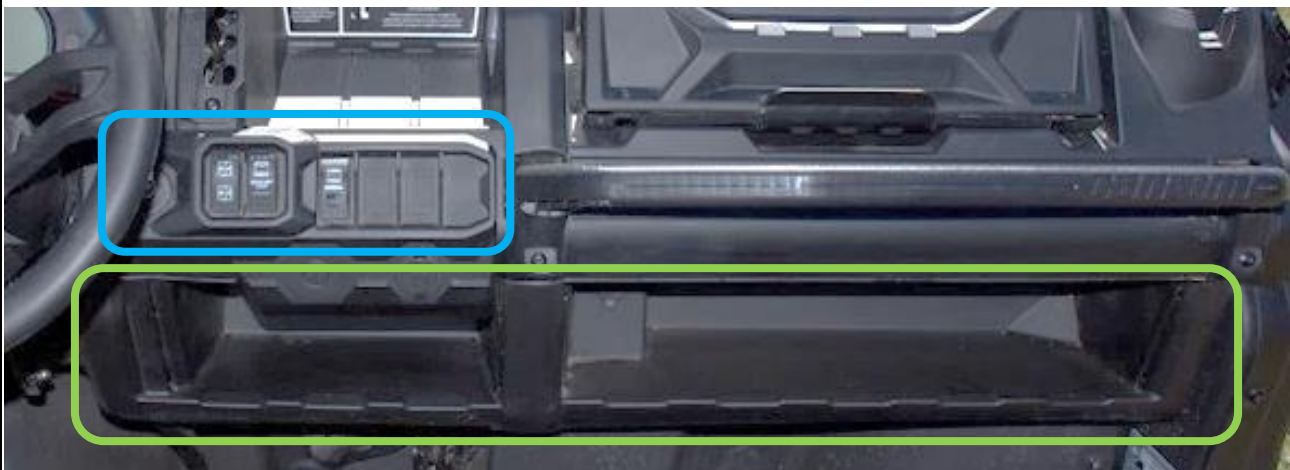
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WIPER/WASHER

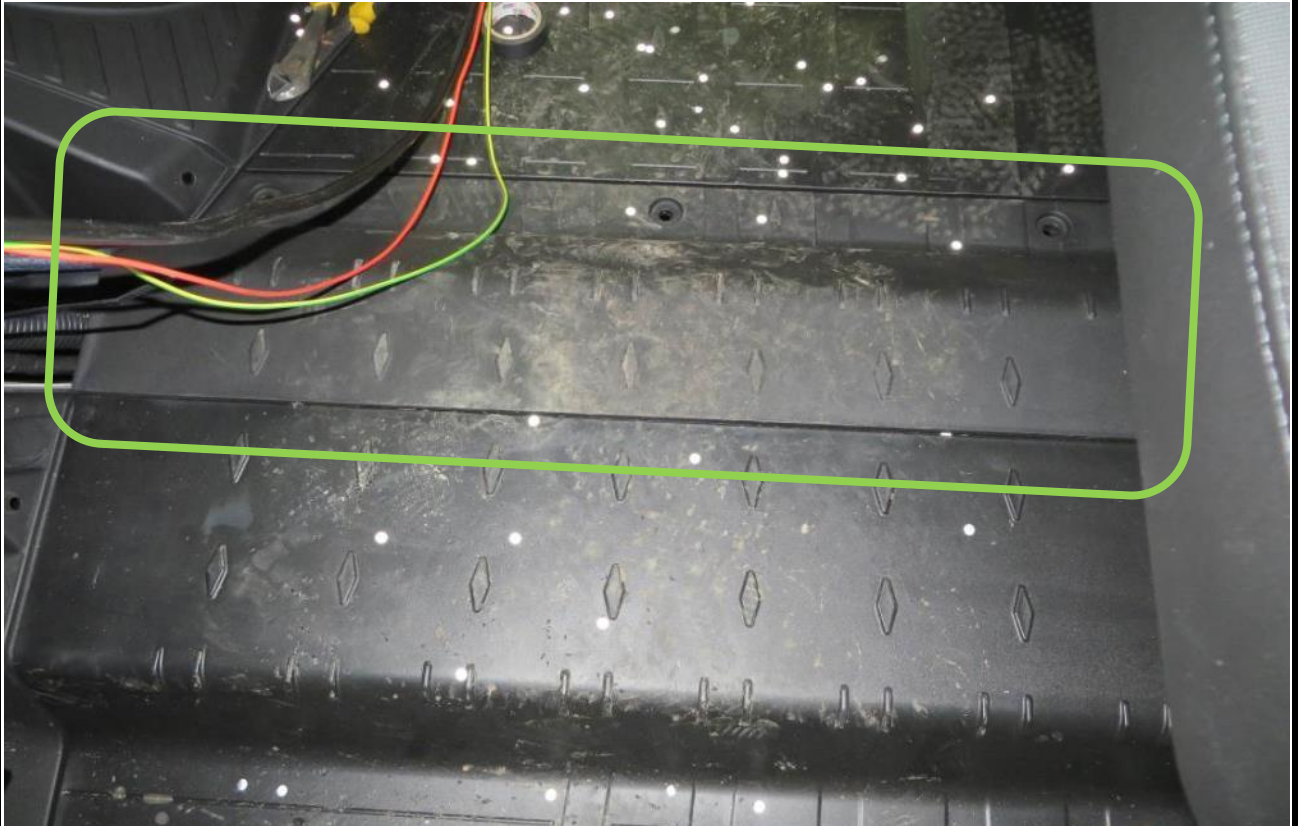
Wiper/washer harness routing diagram.



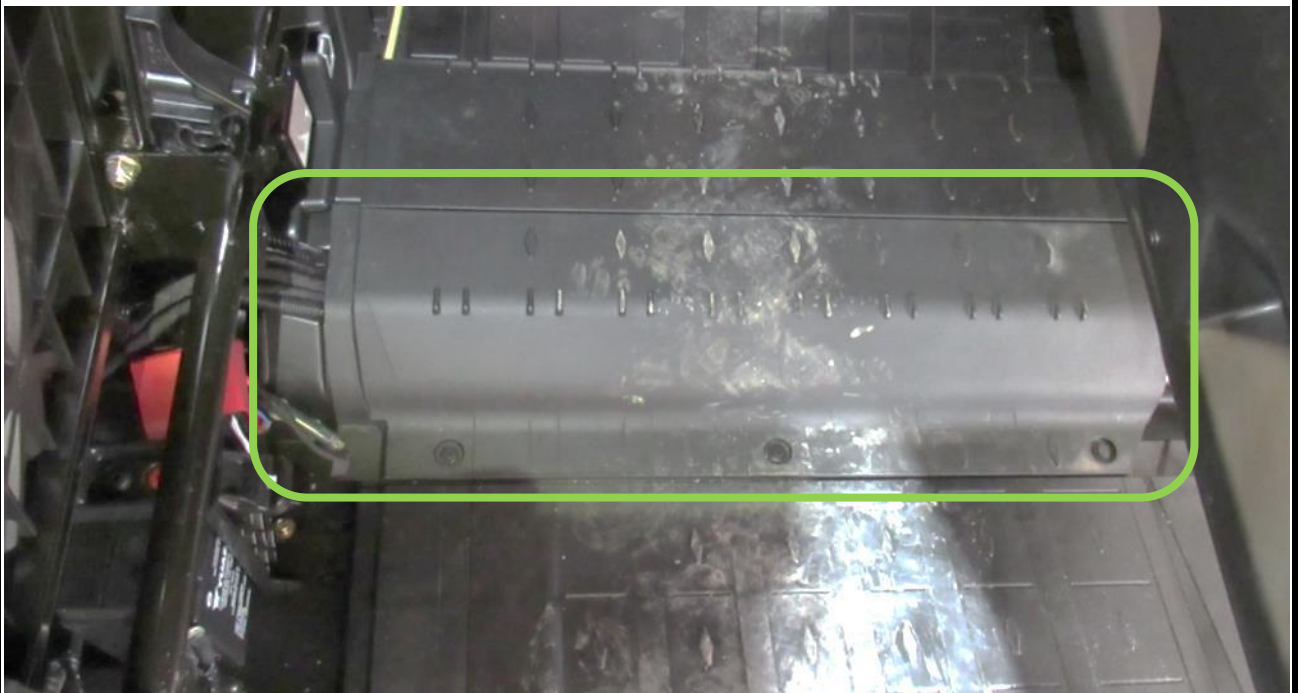
Unmount dashboard covers. Save original fixing assemblies for next usage.



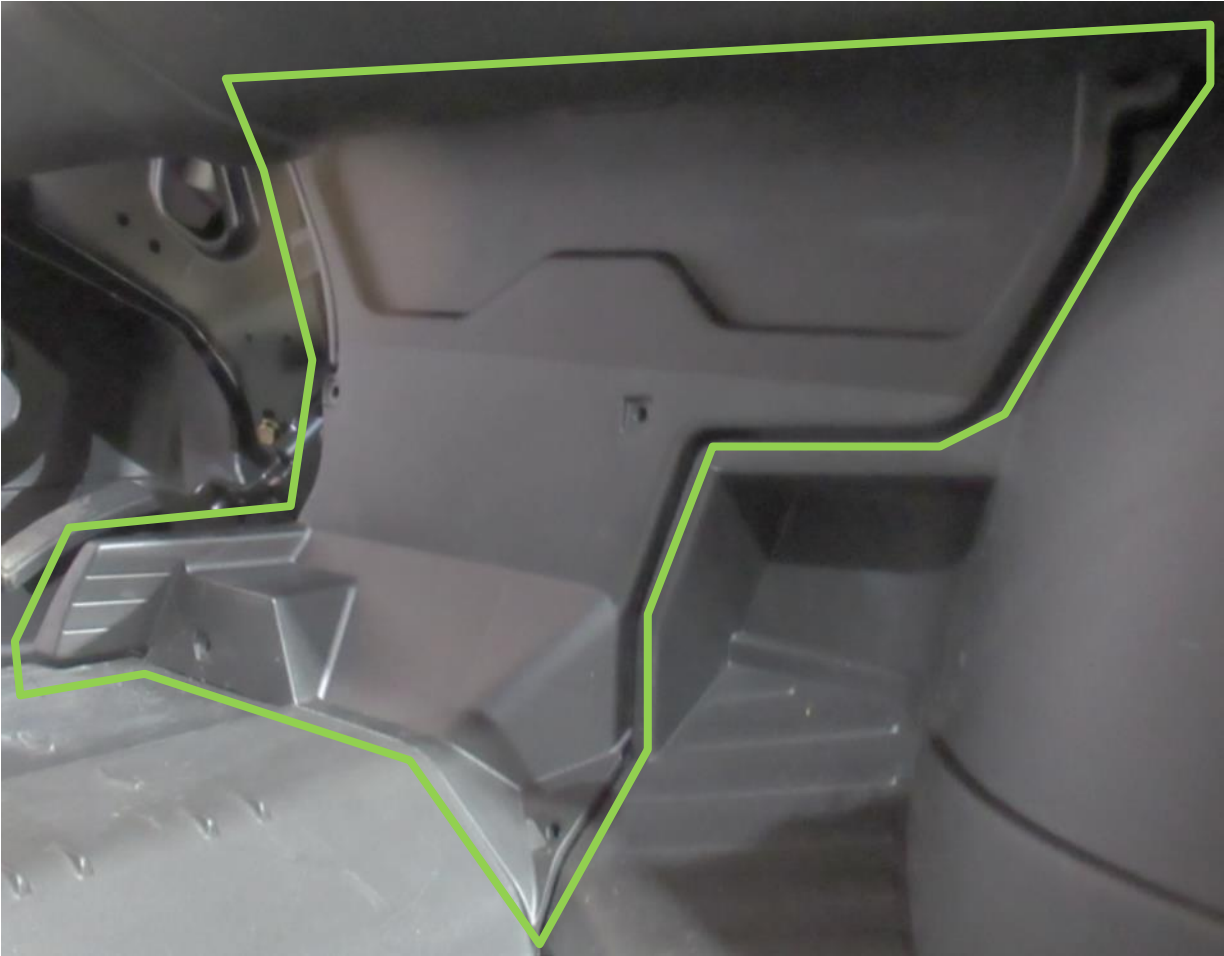
Unmount a central tunnel covers. Save original fixing assemblies for next usage.
Middle part of central tunnel cover under the front seats.



Rear part of central tunnel cover under the rear seats.



Front part of central tunnel cover under the dashboard.

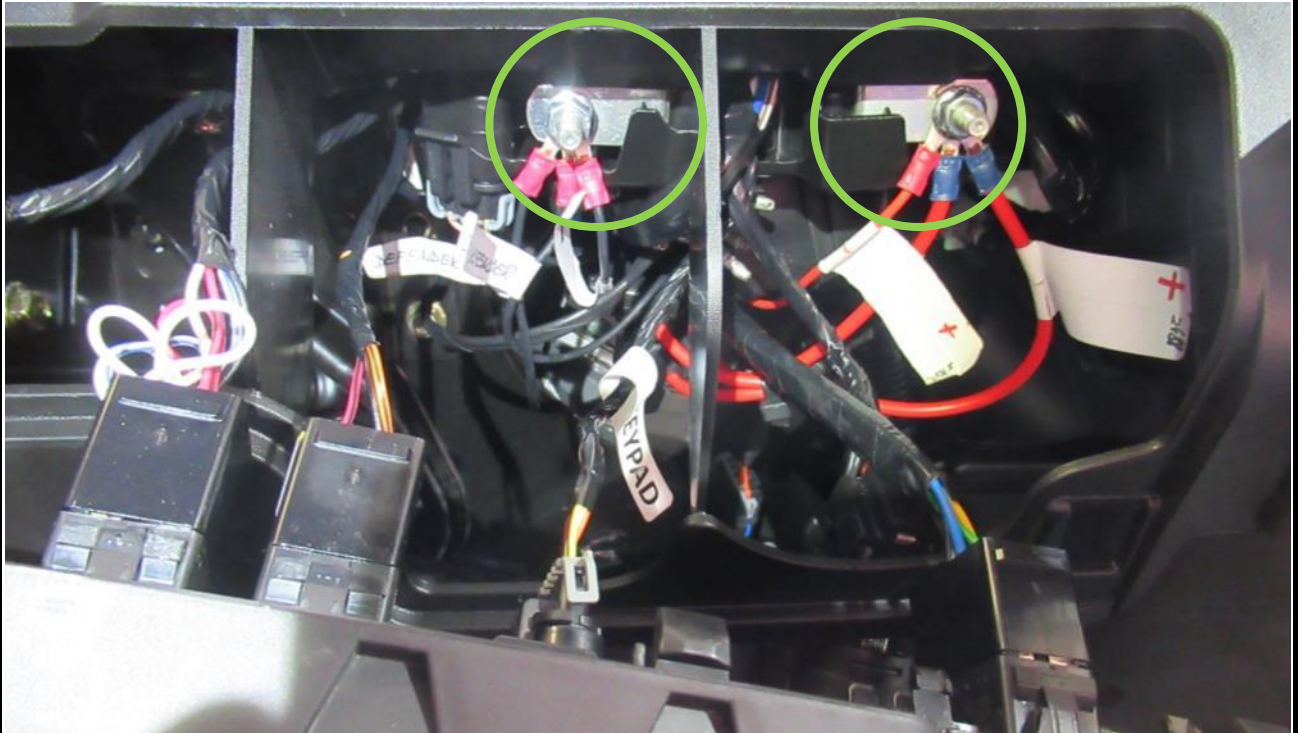


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Cut a hole for the wiper/washer switch in the dashboard. Install wiper/washer switch into the hole and connect with wiper/washer electrical harness.



Measure polarity of green marked original electrical terminals and connect negative pole of power supply harness to the negative pole of original electrical terminal. Positive pole connects at the end of installation after all electrical harnesses are connected.



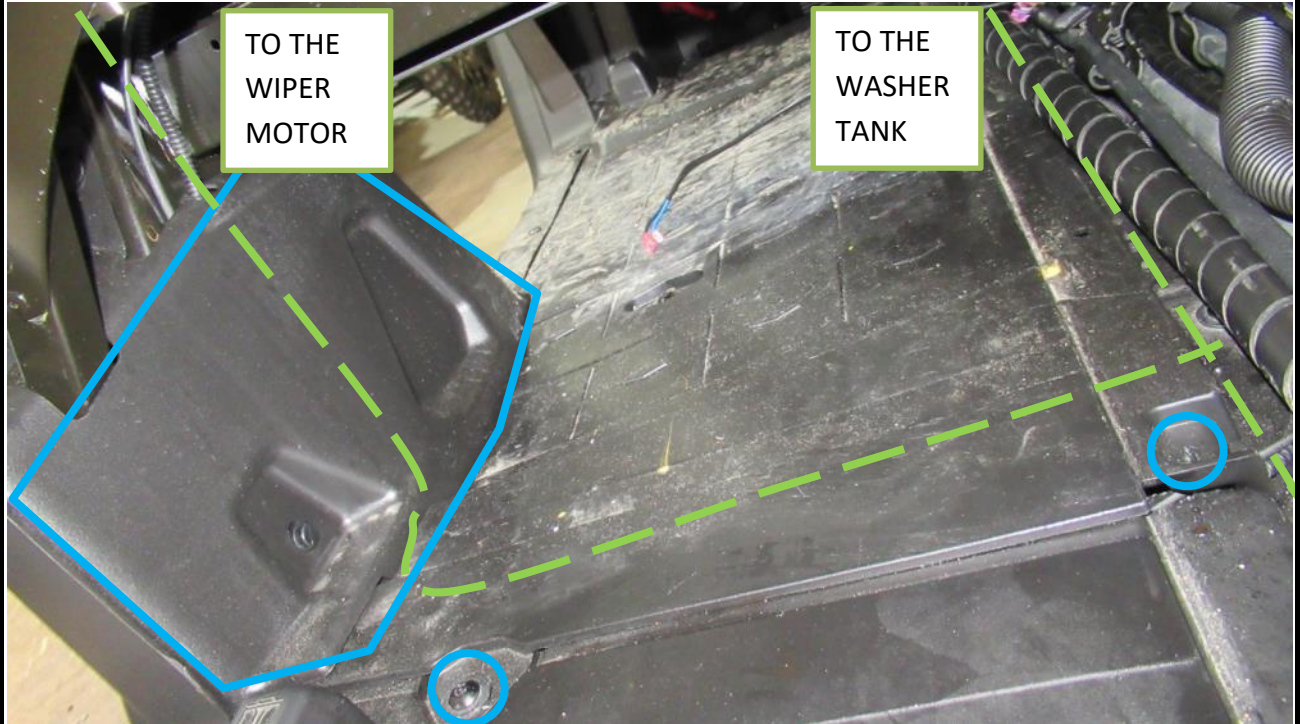
Connect wiper/washer electrical harness to the power supply electrical harness.

Route wiper/washer electrical harness to the washer tank and wiper motor.



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Unmount blue marked floor cover and bolts (under the front seats). Save original fixing assemblies for next usage. Route wiper motor branch under the floor covers and up to the front part as shown wiper/washer harness routing diagram. Route washer tank branch straight to the back, by the central tunnel.



TO THE
WIPER
MOTOR

TO THE
WASHER
TANK

Connect washer tank harness extension to the washer tank branch and route it back by central tunnel to the washer tank.



TO THE WASHER TANK

Install the washer tank holder to the rear part of vehicle (green marked).



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Install the washer tank onto the washer tank holder and connect the washer connector and washer hose to the washer motor.



FILL THE WASHER TANK WITH THE WASHER LIQUID BEFORE FIRST USE.

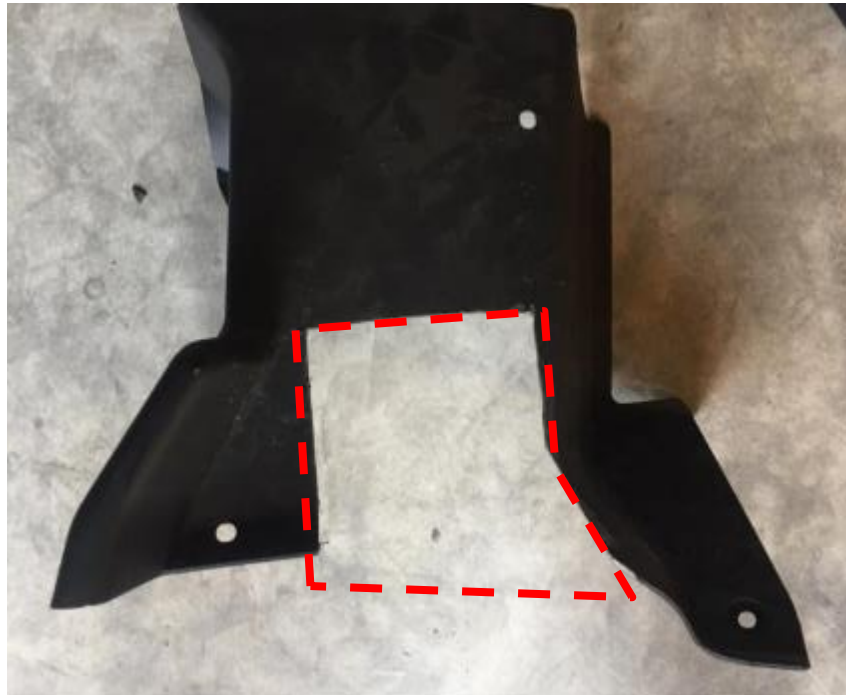
Mount wiper motor and connect it after front window installation.

HEATER

Remove push pin rivets from each side of the centre floor console. Lift back of console, disengage tab from front, then remove console from vehicle. Retain rivets.



Uninstall front floor cover from the UTV. Cut the hole approximately 12cmx12cm to the bottom part. DETAILED VIEW



SEE NEXT PAGES

You have two possible options to install air vents.
Use option 1 if you need to save original drink holders.
Use option 2 if you do not need original drink holders.

Option 1.

Before drilling holes, check the space under the dashboard, and if necessary, take the harness out of the way to prevent damage.

Cut two holes \varnothing 55 mm into the dashboard for the air vents



Position of the second hole.



Option 2

Drill holes \varnothing 55 mm into the bottom plate of drink holders. Run the air hose through the hole. Repeat previous steps on the other side of vehicle.



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Route the heater air hoses through DETAILED VIEWS



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Locate the original cooling system hose for the heater connection. It is the bottom water hose.



Secure the original cooling system hose with the clamps.

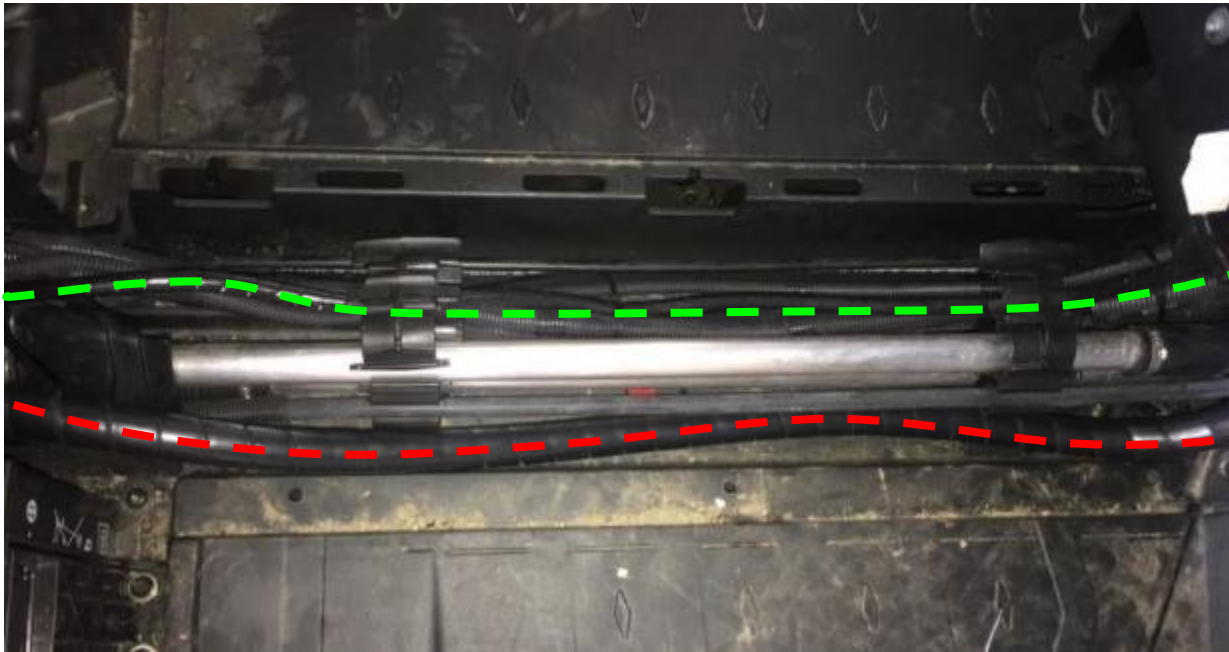


Cut the hose and install included "Y" coupling into the hose. Connect the heater hose to the coupling and fix all ends by included tightening straps.



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Route the hot heater hose (red dashed line) and the electromagnetic valve harness (green dashed line) under the centre floor console.



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Mark the heater holder holes position on the centre floor console. It is necessary to drill hole for the push pin rivet in accordance with the heater holder holes.



Drill three holes \varnothing 9 mm into the centre floor console.



Connect the prepared hot air hoses PVC to the heater vents and fix by included Al. tape. DETAILED VIEW



20 Prepare two shorter pieces of the hot air hose PVC to the rest of heater vents and fix by al. tape.

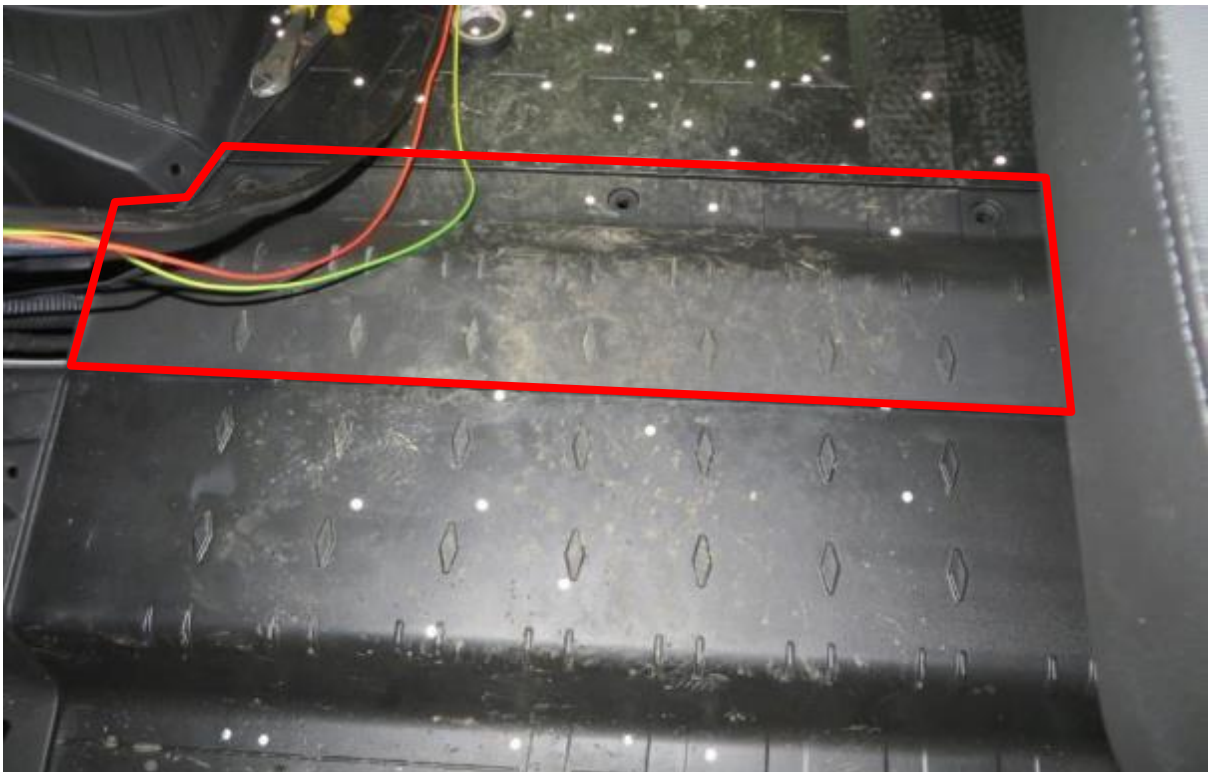
DETAILED VIEW



Place the heater assembly onto the UTV floor and attach with included push pin rivets.



Install the centre floor console back to the original position. Attach the centre floor console with original push pin rivets.

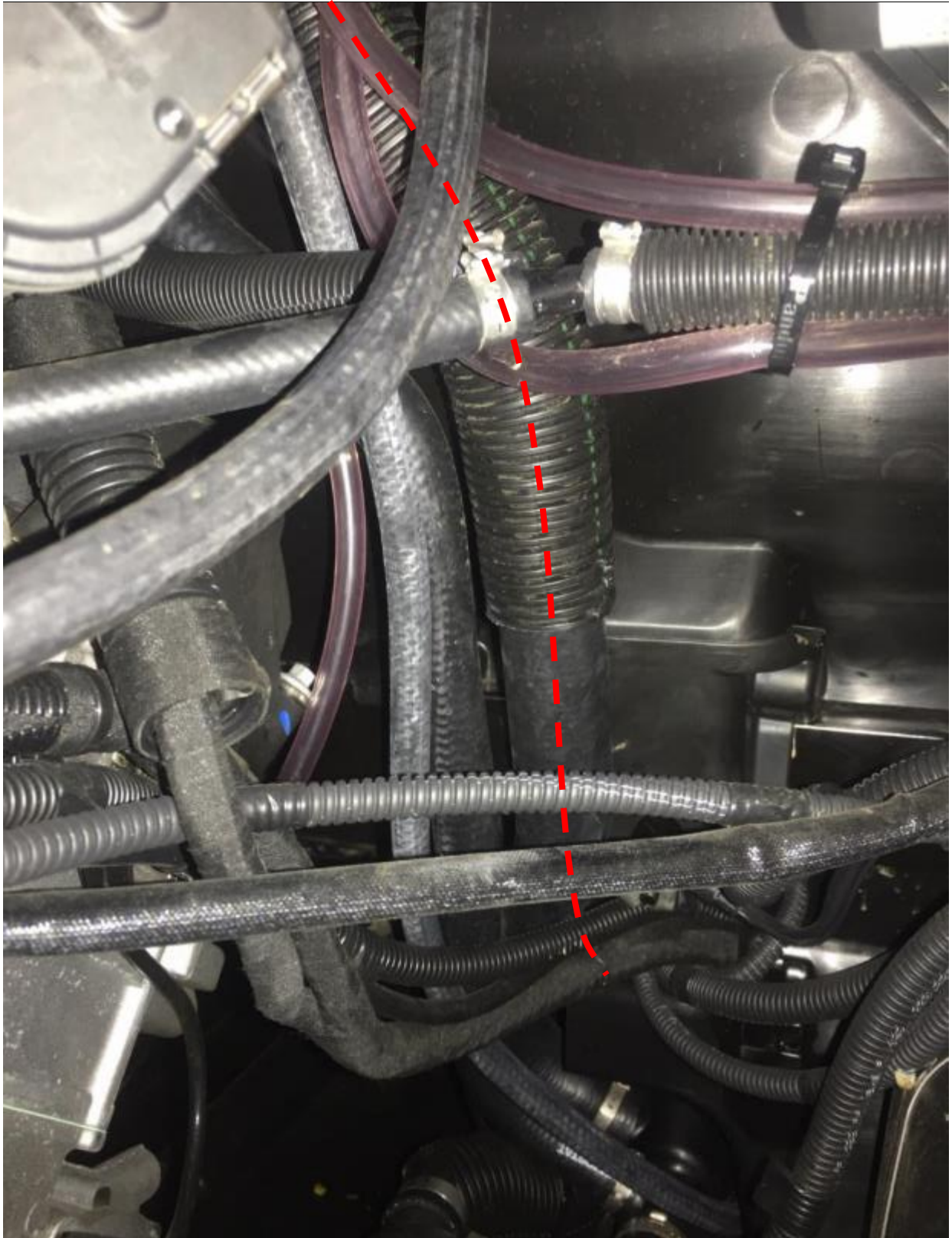


Install the electromagnetic valve with the pump and with the “Y” coupling onto the heater hot water hose routed from the heater to the engine space inside the centre floor console. Attach the el. valve switch with the heater hose by included tightening strap.



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Open the cargo box, and unclamp the cylinder to maximize opening angel. Locate hose at front of engine, which goes from the engine to the thermostat.



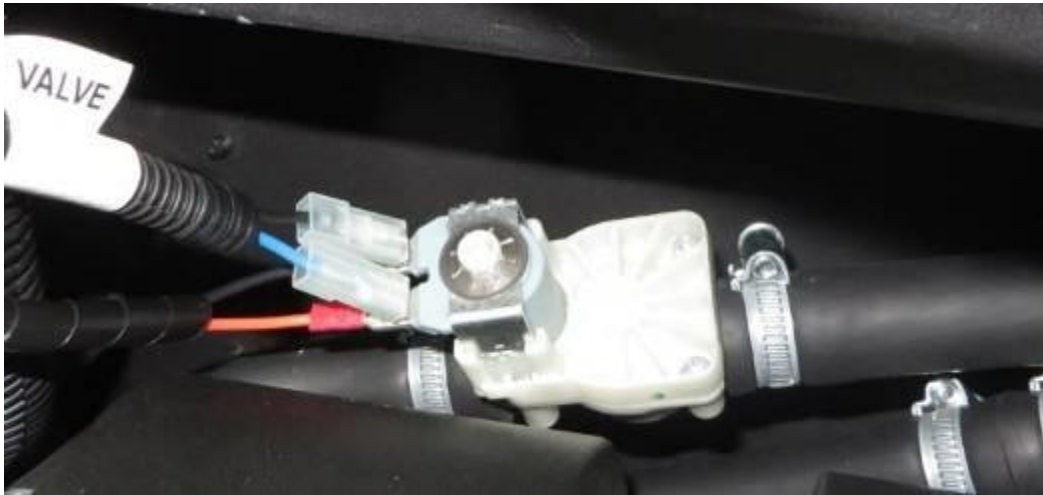
23

Secure the original cooling system hot water hose by clamps (not included), cut the hose and install included “Y” coupling into the hose. Connect the heater hose to the coupling and fix all ends by included tightening straps.

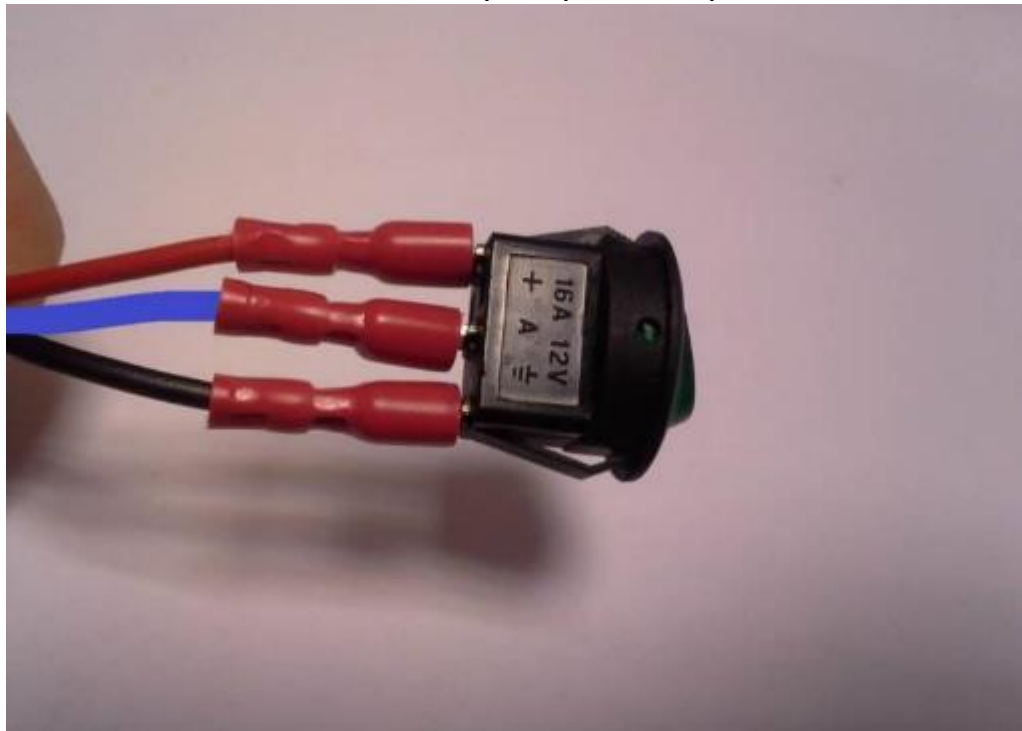


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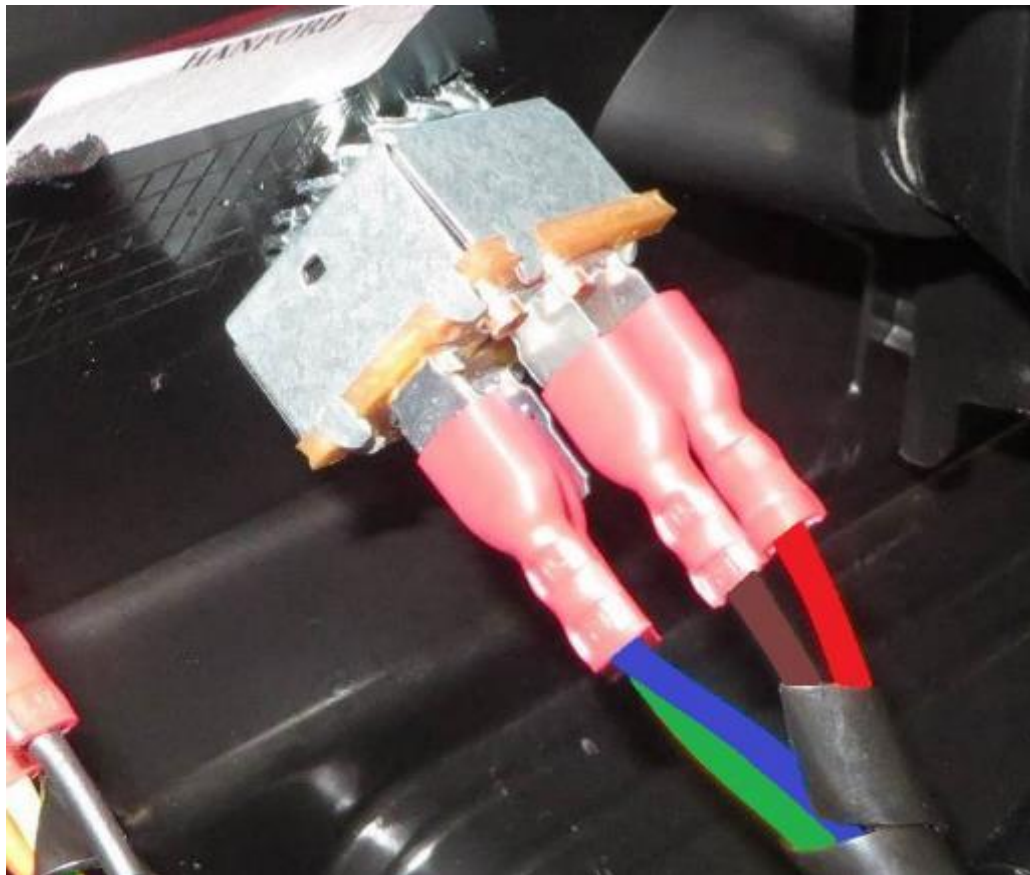
Connect the pump harness with the el. valve and connect the el. valve with the el. valve harness branch. DETAILED VIEW



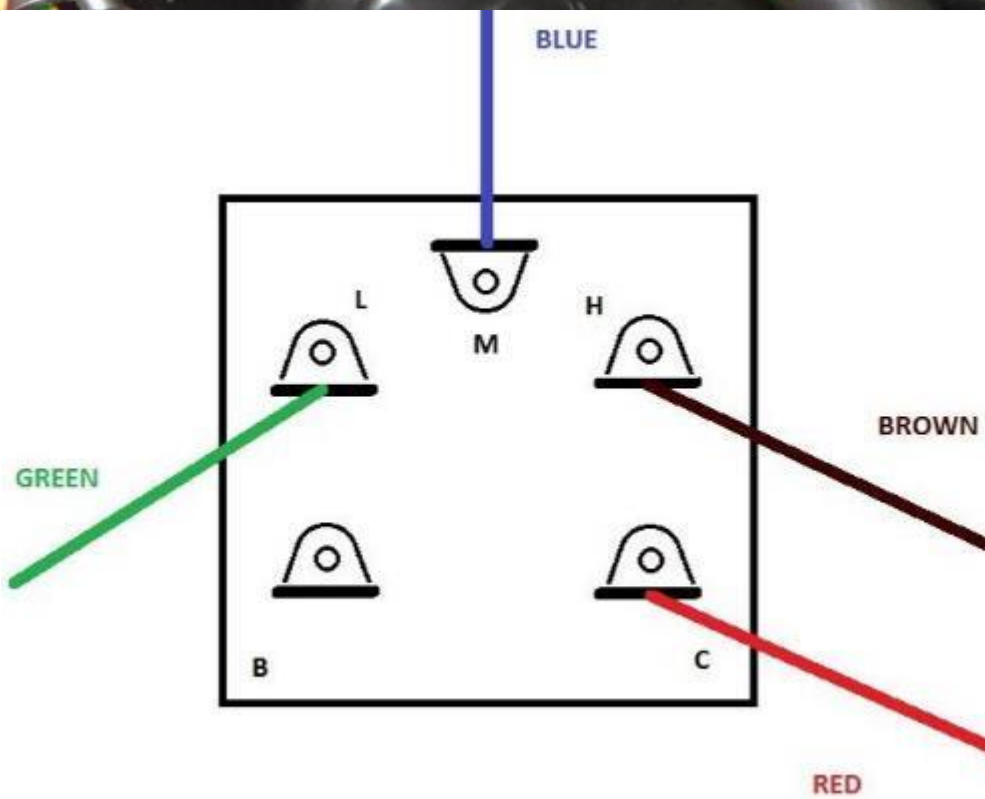
Connect the heater to the heater harness branch.
Connect the valve harness and the pump to the pre-installed valve switch.



Connect the heater harness to the heater switch base.



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Cut the hot air hoses PVC to the correct length, connect the hoses to the air vent and fix by tightening straps. DETAILED VIEW



Route the heater harness under the dashboard and connect the heater harness with the supply harness.

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Place the heater cover with all tubes and harnesses connected into the best position and fix it by included plastic rivets. If necessary, drill holes $\text{\O}8\text{mm}$ for the plastic rivets.



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Attach the heater cover with included push pin rivets.



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BLEEDING THE COOLING SYSTEM

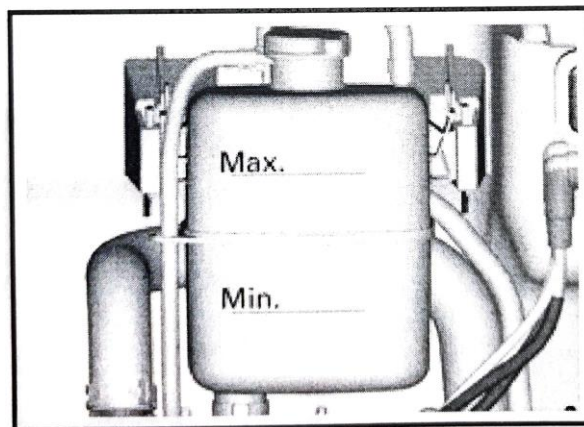
1. Activate heater fan and put the electromagnetic valve on.



1 – Heater fan speed control button

2 – Electromagnetic valve switch

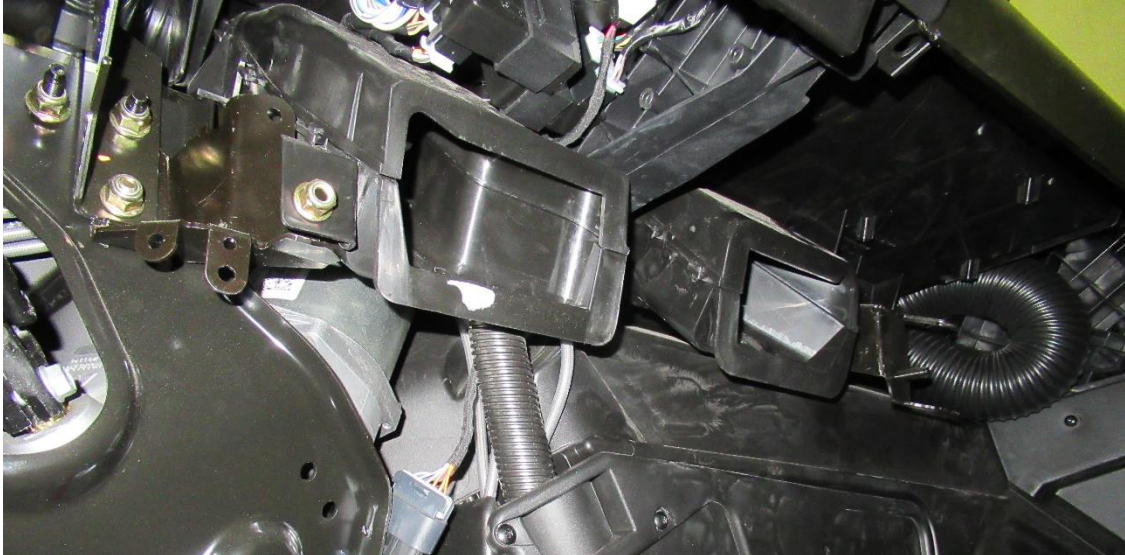
2. Remove the coolant reservoir cap.
3. Fill the cooling system until the coolant level is up to the MAX line of the coolant reservoir.



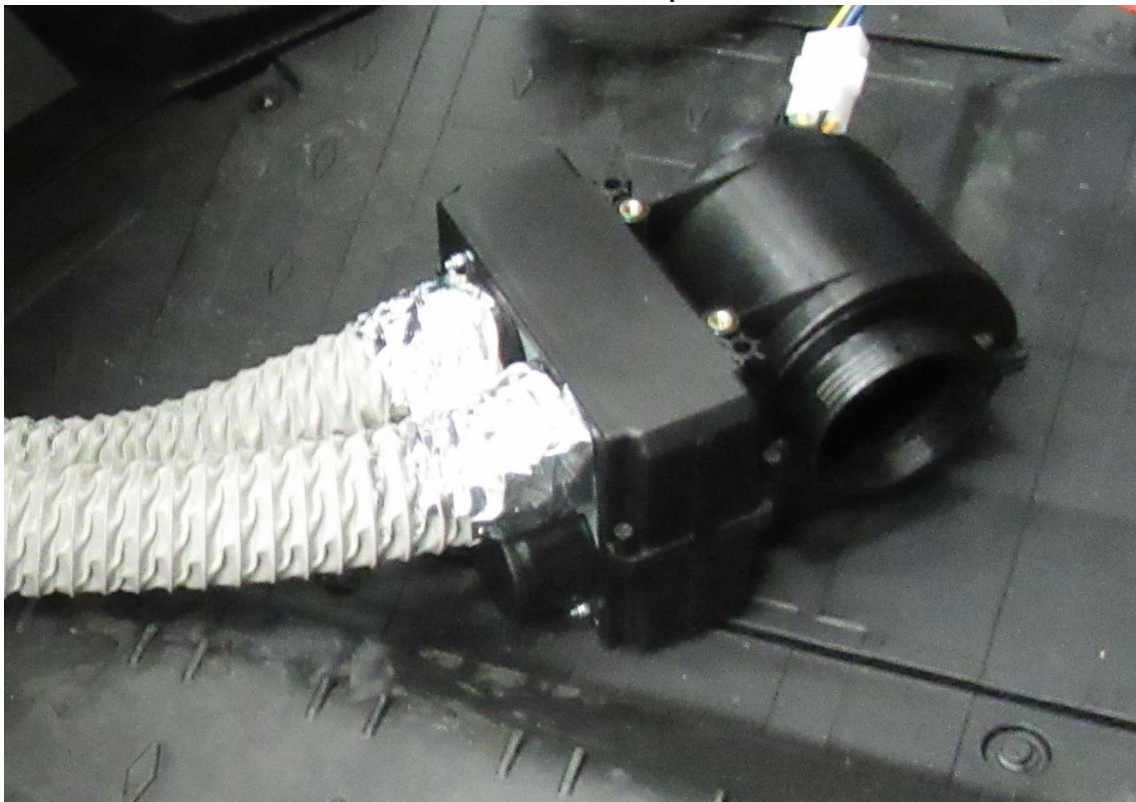
4. Install coolant reservoir cap.
5. Run the engine at idle with the coolant reservoir cap ON until the cooling fan cycles two times.
6. Check for heat coming out of the heater unit.
7. Stop the engine and let it cool down.
8. After the next ride following this procedure, check coolant level. Add coolant as required.

HEATER KIT XU 2022+

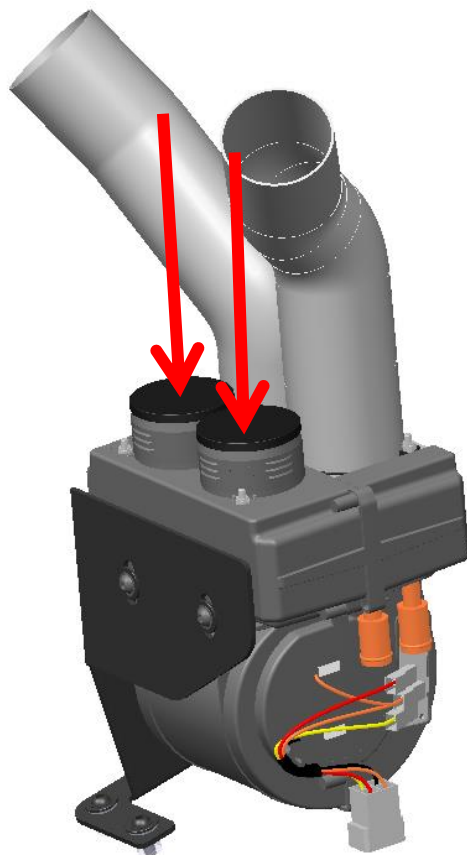
If you have a version of the vehicle with pre-prepared air distribution for heating (model XU 2022), use the heater kit for connection to original air tunnels under the dashboard.



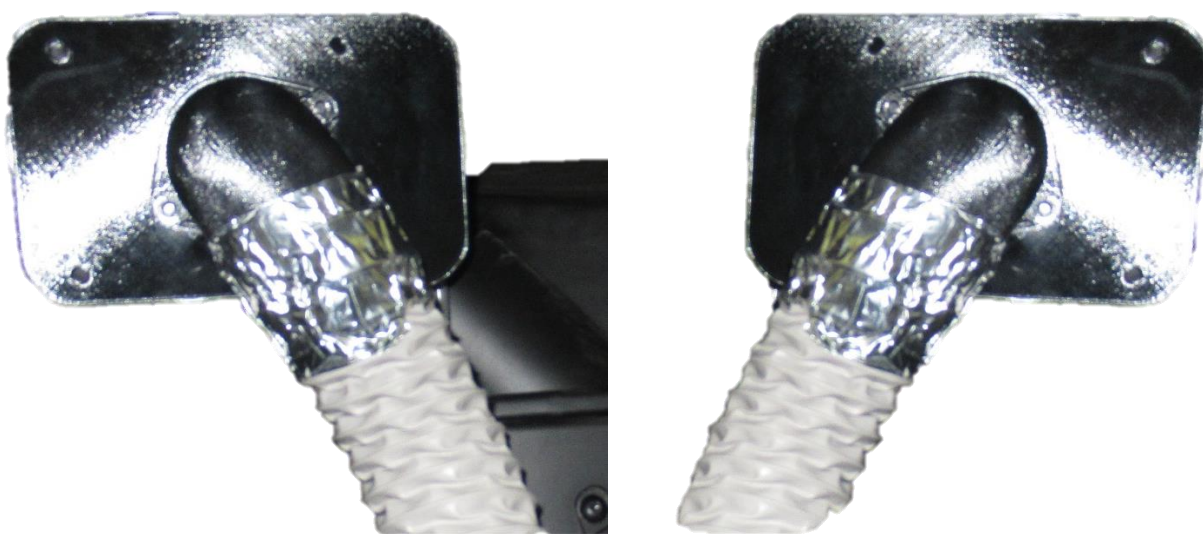
Connect the prepared hot air hoses PVC to two heater vents and fix by included Al. tape.



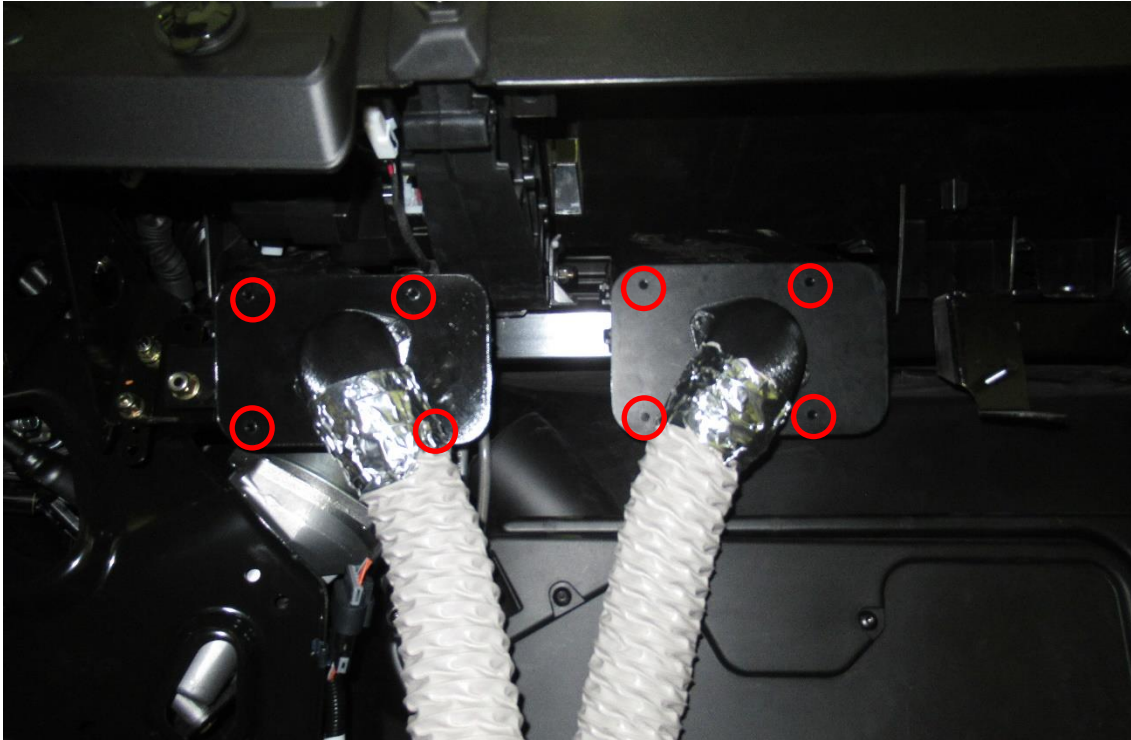
The other two heater air vents seal with included blanking plugs.



Connect the prepared hot air hoses PVC to two knees on sealing plates and fix by included Al. tape.



Fix the heater sealing plates with included self-cutting screws.



Disassemble the original air vents on the sides of the dashboard.



View of a disassembled original air vent space.



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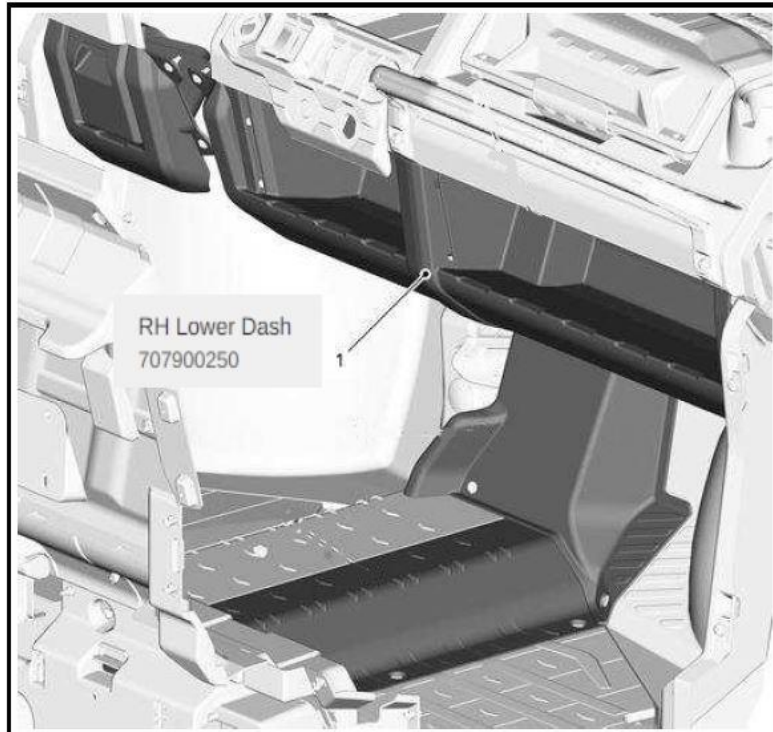
Connect the original heater air hose to the included air vents with the metal holder. Fix the air hose by included Al. tape.



Fix the air vent holder with two included self-cutting screws.



It is necessary to buy lower dashboard and fixing assembly from your dealers CAN-AM.

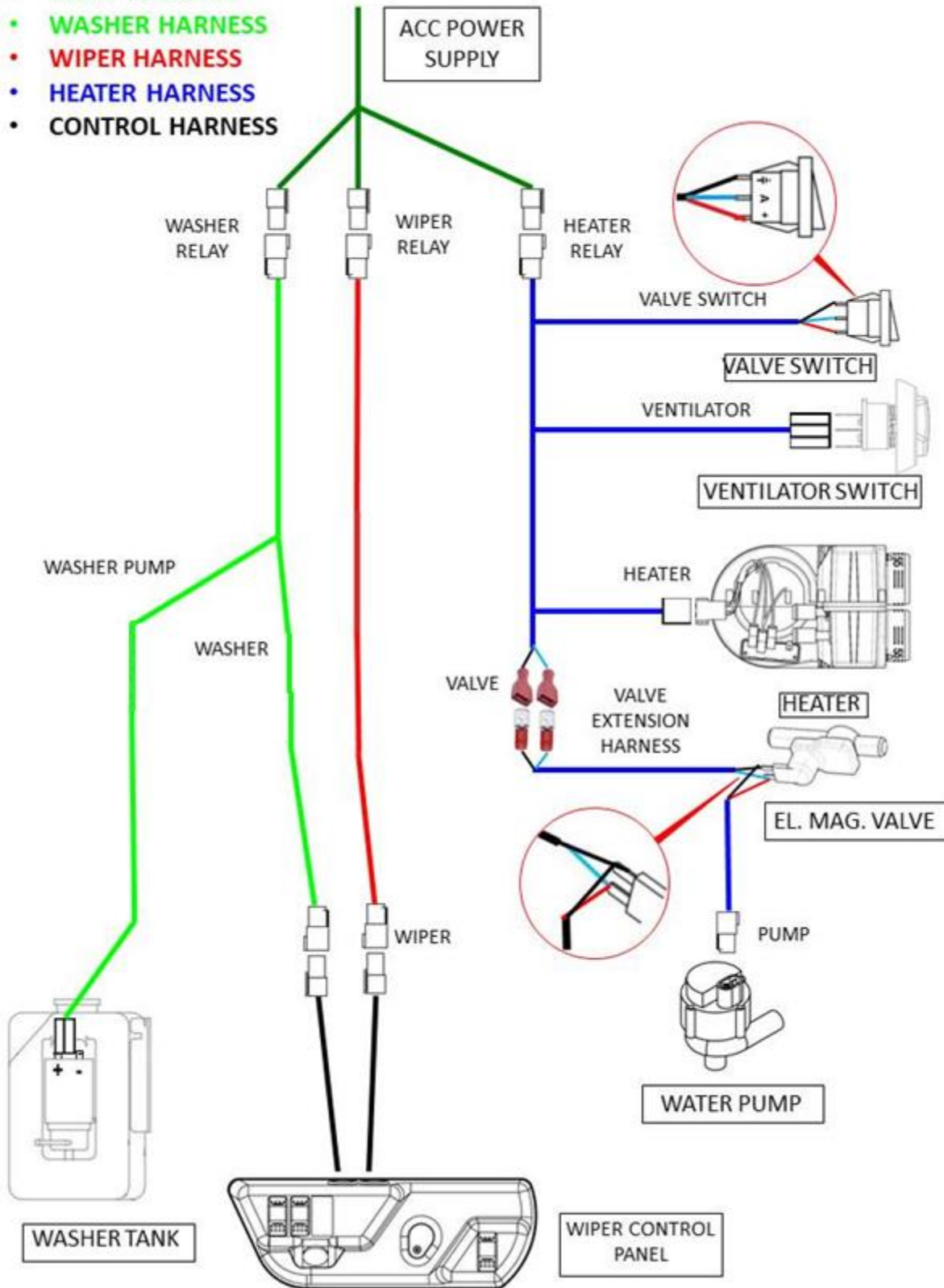


1. RH lower dash

DEFENDER/TRAXTER PRO 2020 KIT

OVERALL WIRING DIAGRAM

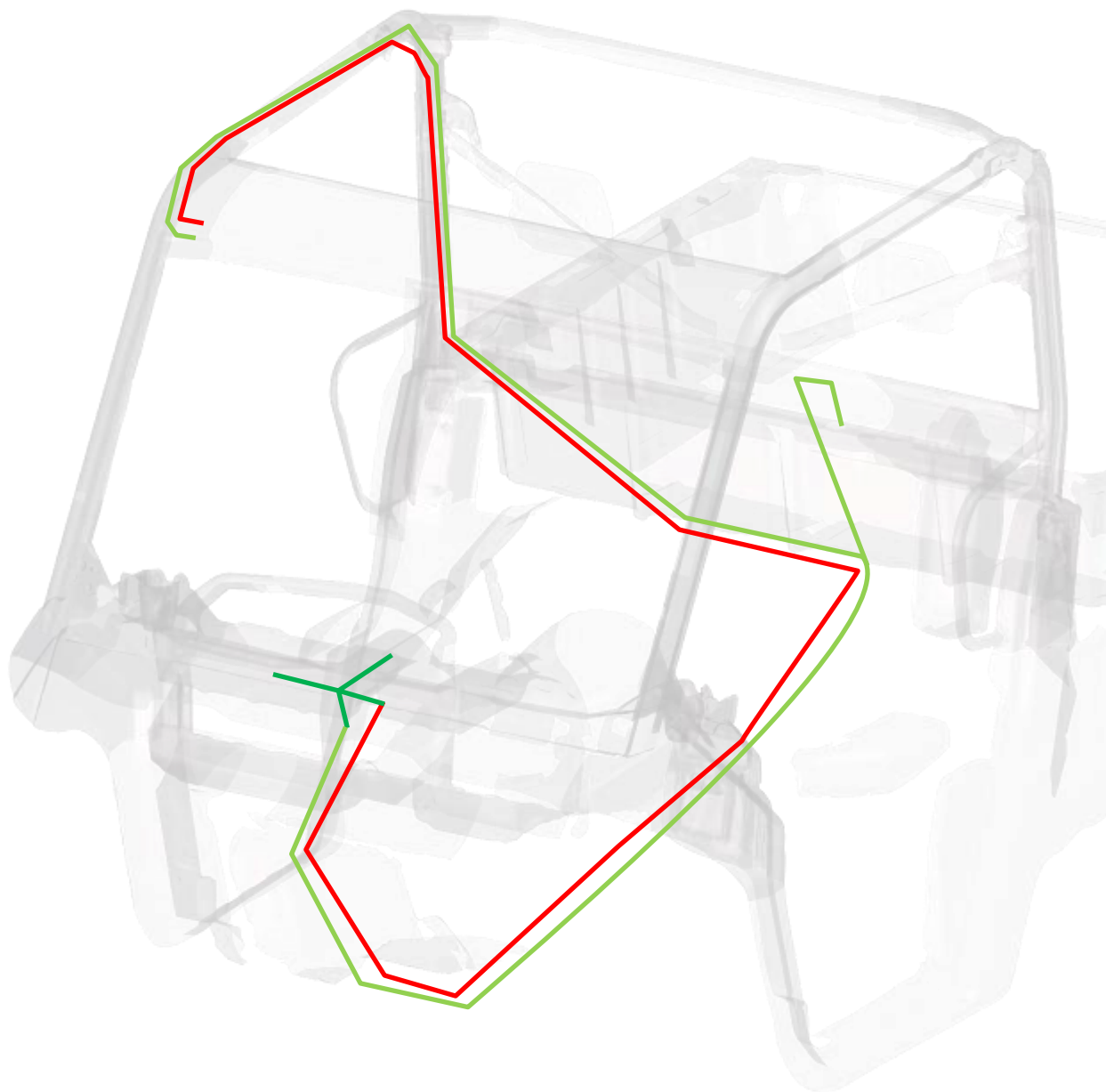
- RELAY HARNESS
- WASHER HARNESS
- WIPER HARNESS
- HEATER HARNESS
- CONTROL HARNESS



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WIPER AND WASHER ROUTING DIAGRAM

- RELAY HARNESS
- WASHER HARNESS
- WIPER HARNESS



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Lead wiper and washer harness from central tunnel under the cargo platform and back to the cabin.



View onto the plastic board behind seats.



View onto the ledge above front window.



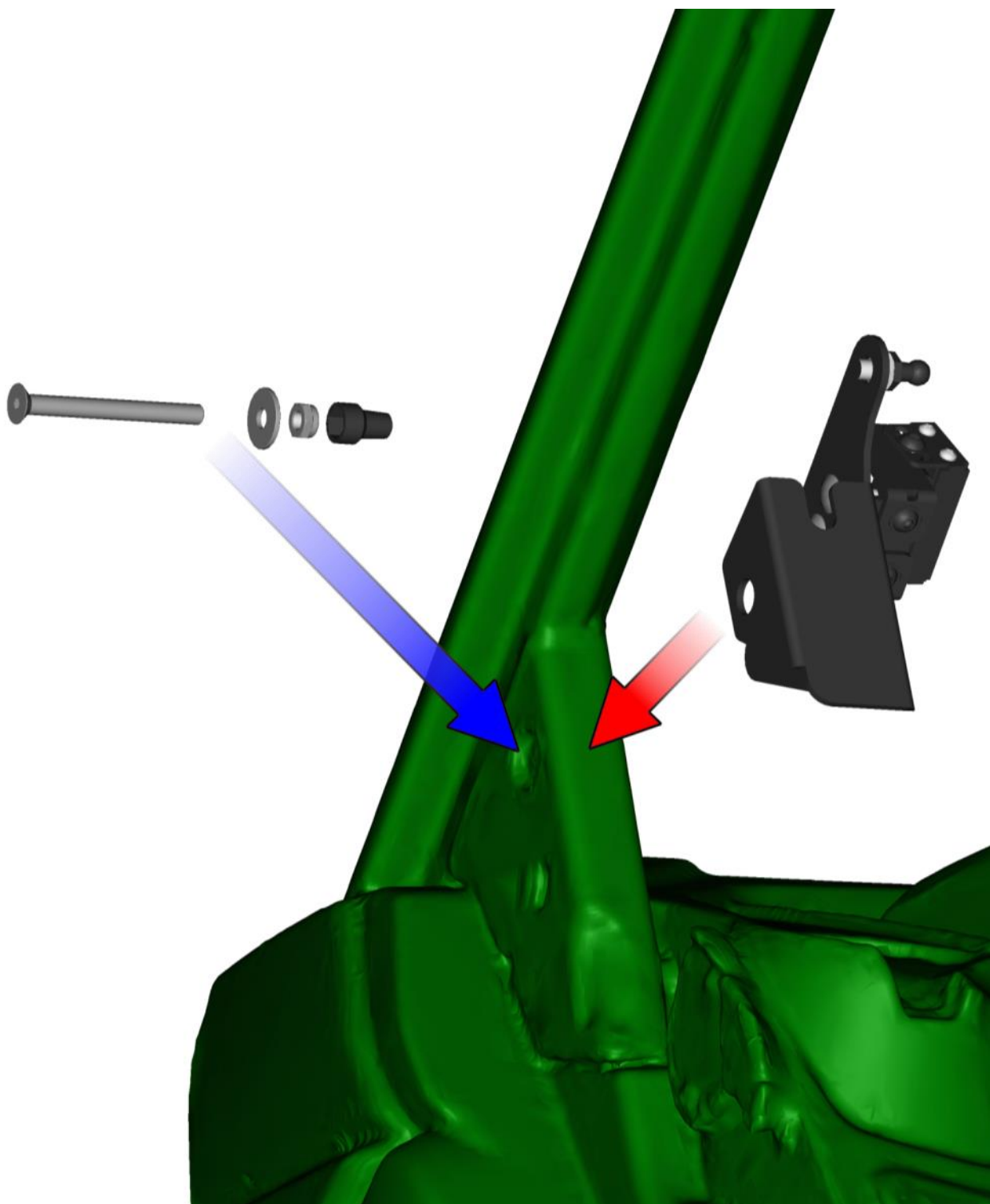
Unmount "Y" pipe housing and insert extension hose with pipe housing.



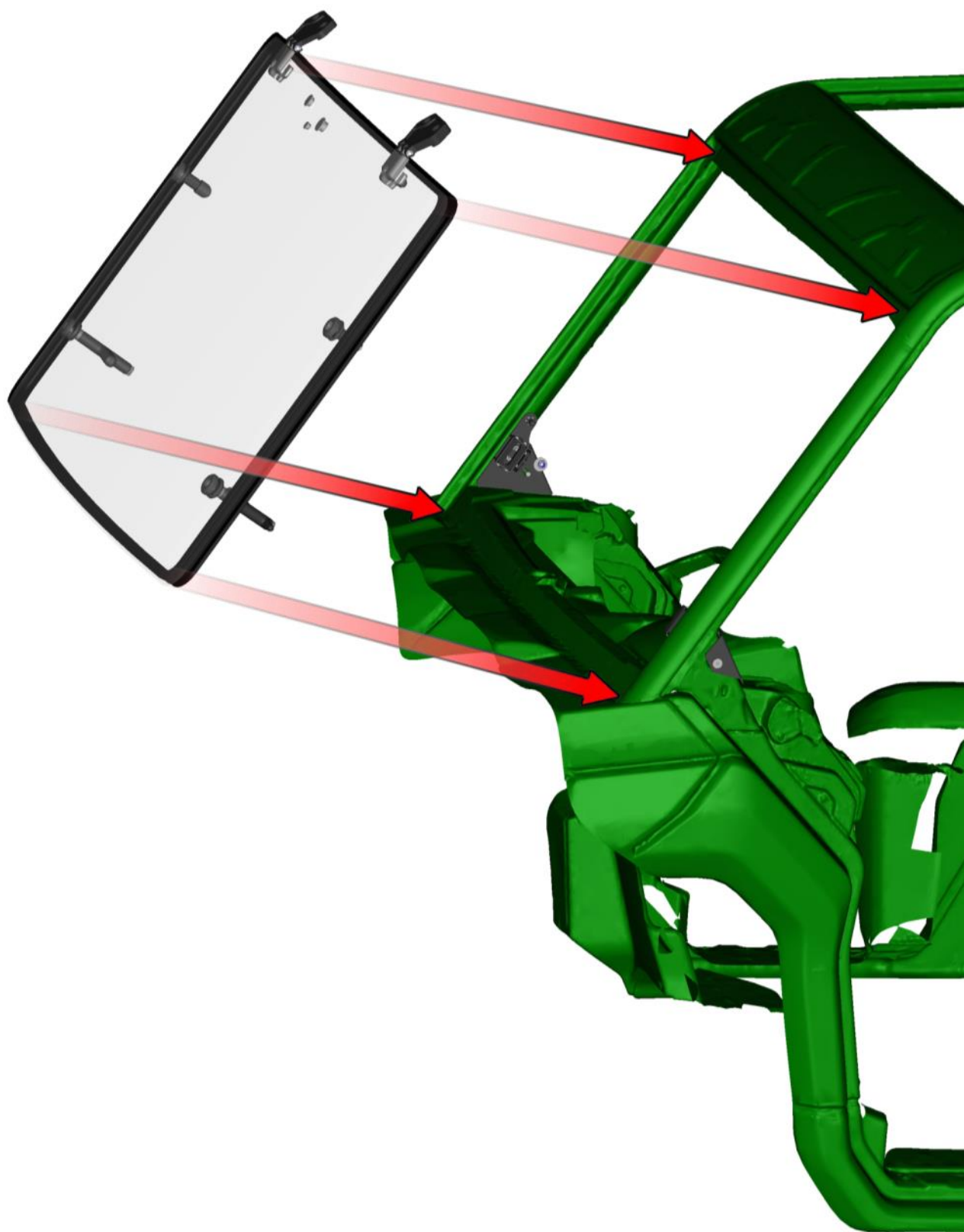
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FRONT PANEL

Place the front window console assembly onto the vehicle frame and fix by included fixing assembly on both sides.

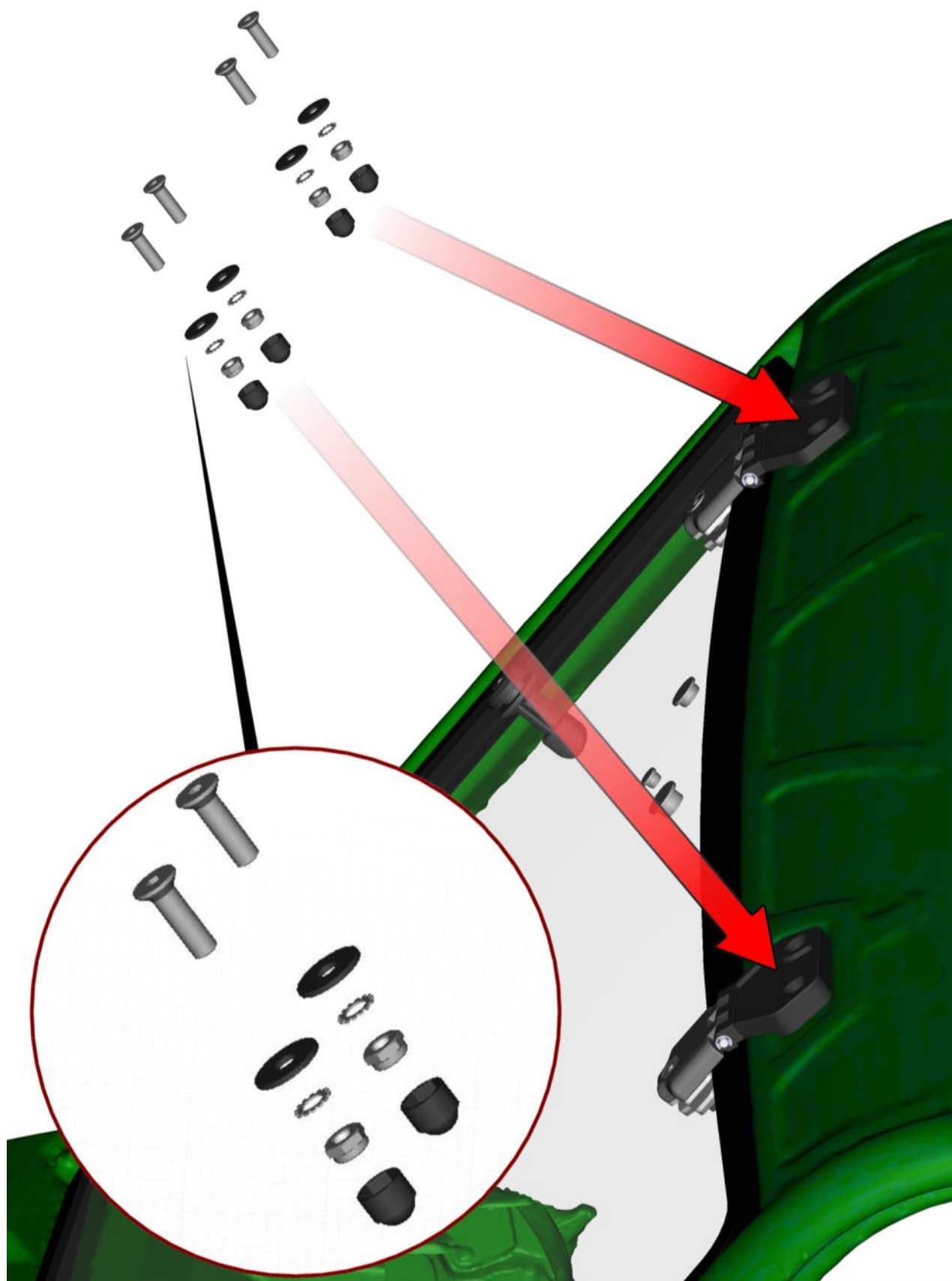


Place the front panel onto the vehicle frame and adjust to the best position.

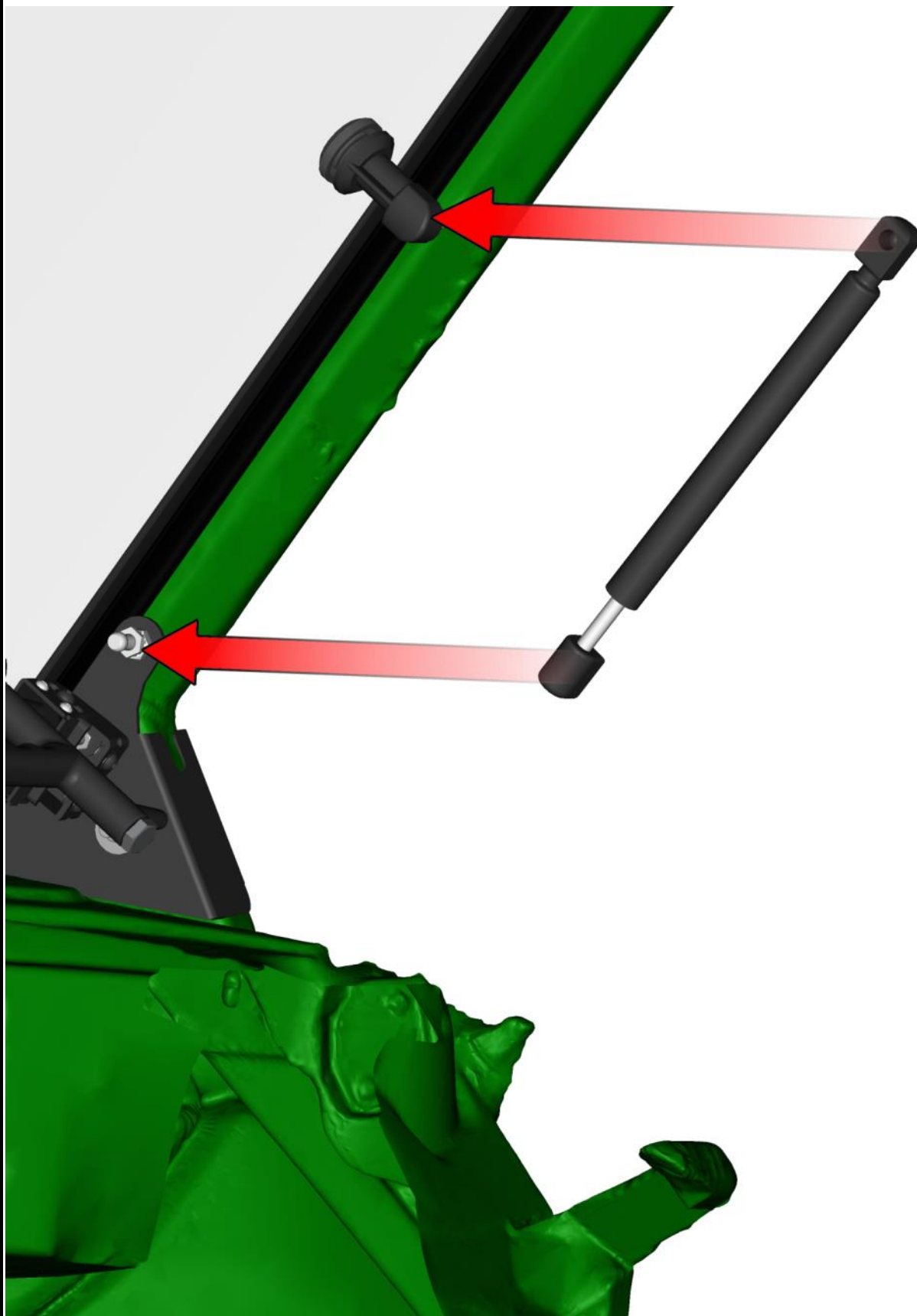


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Fix the front panel with included fixing assemblies.

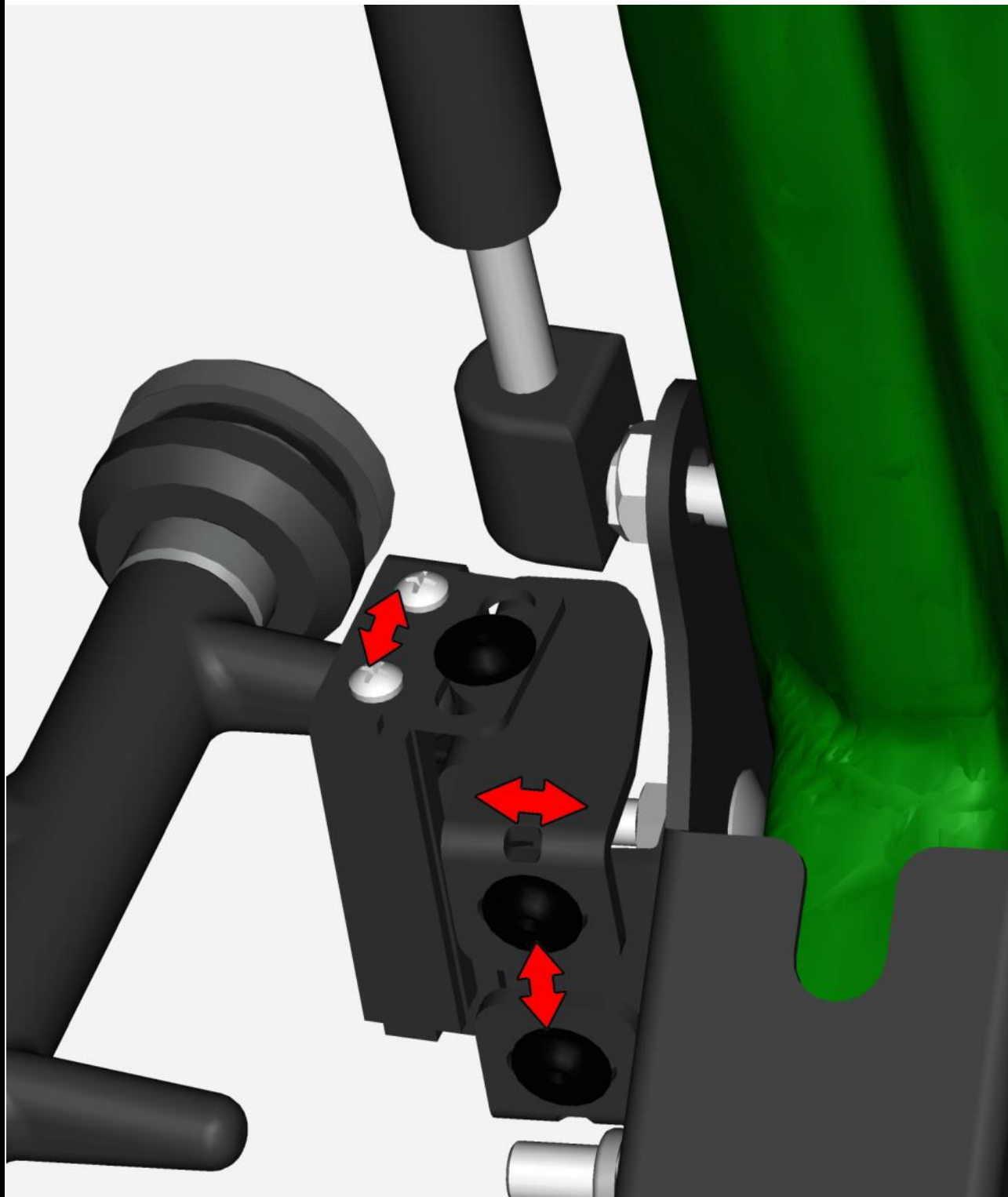


Install gas springs onto the gas spring holders on both sides.



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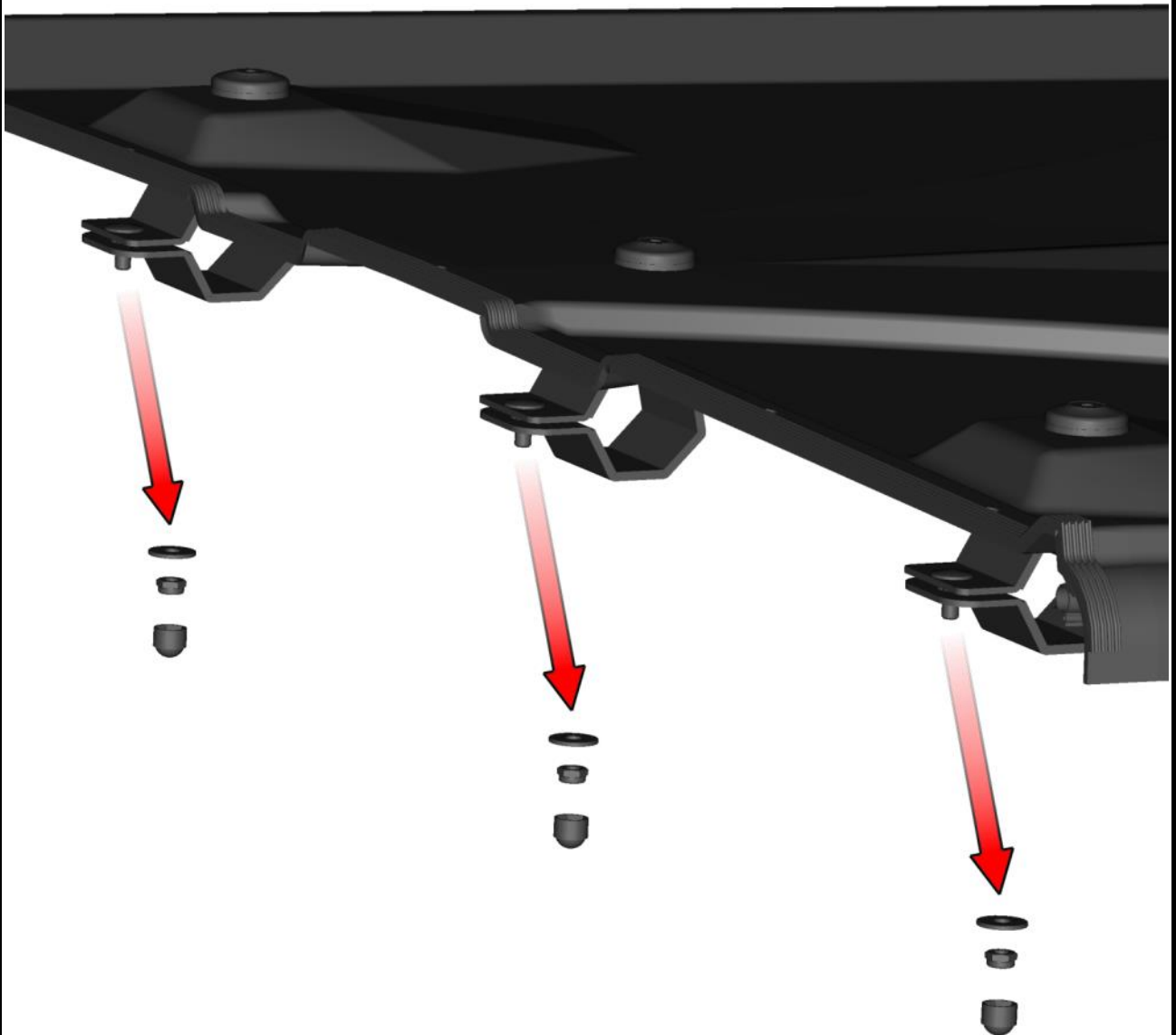
Adjust the front glass stop assembly into the best position and tighten bolts hard on both sides.



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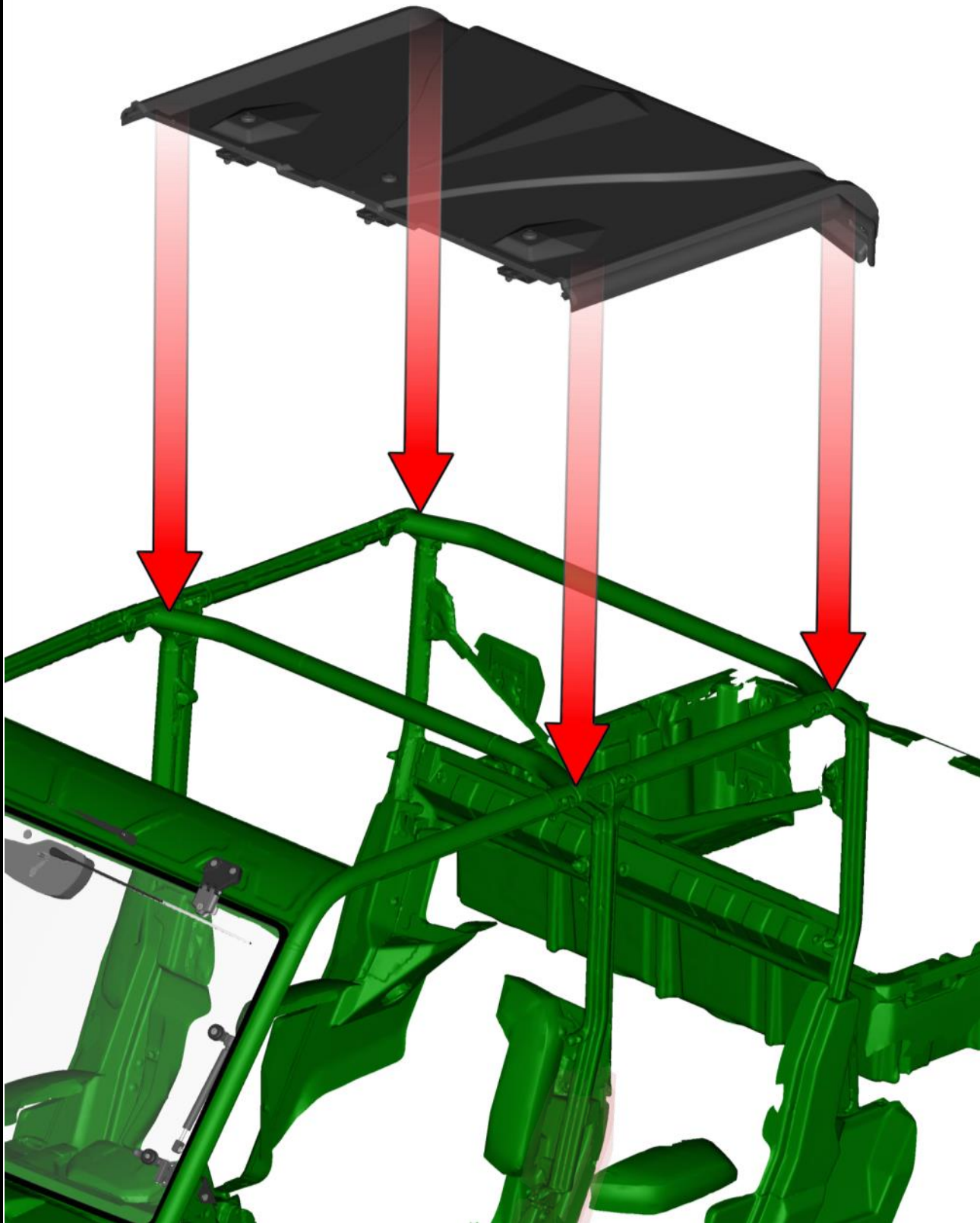
ROOF

Uninstall the rear roof panel holders nuts before the rear roof panel installation.

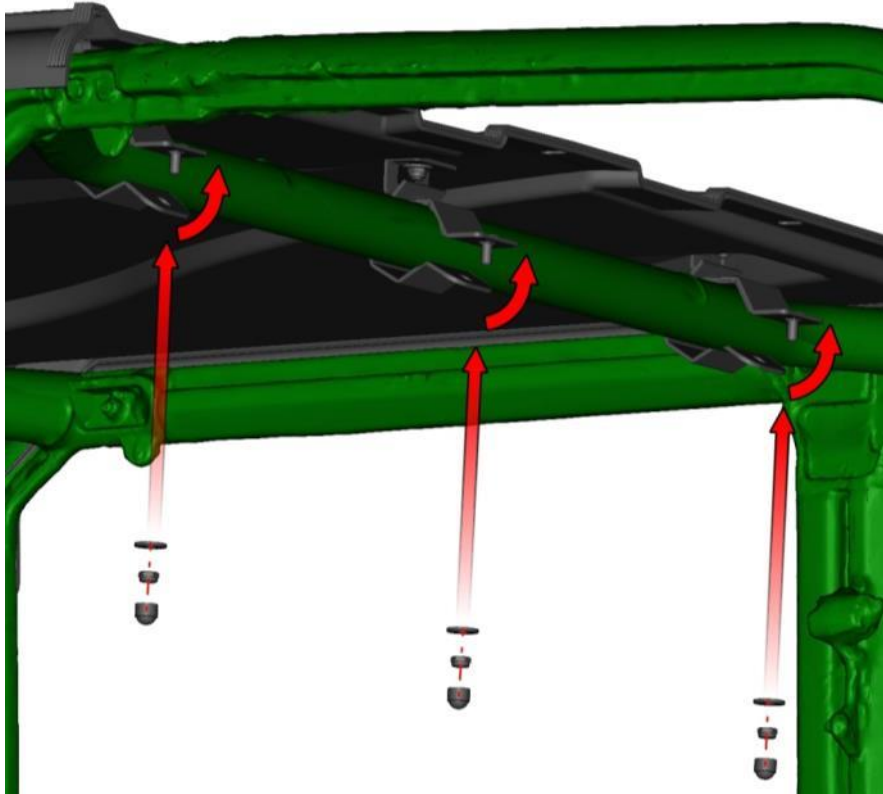


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Place and adjust the rear roof panel onto the vehicle frame.

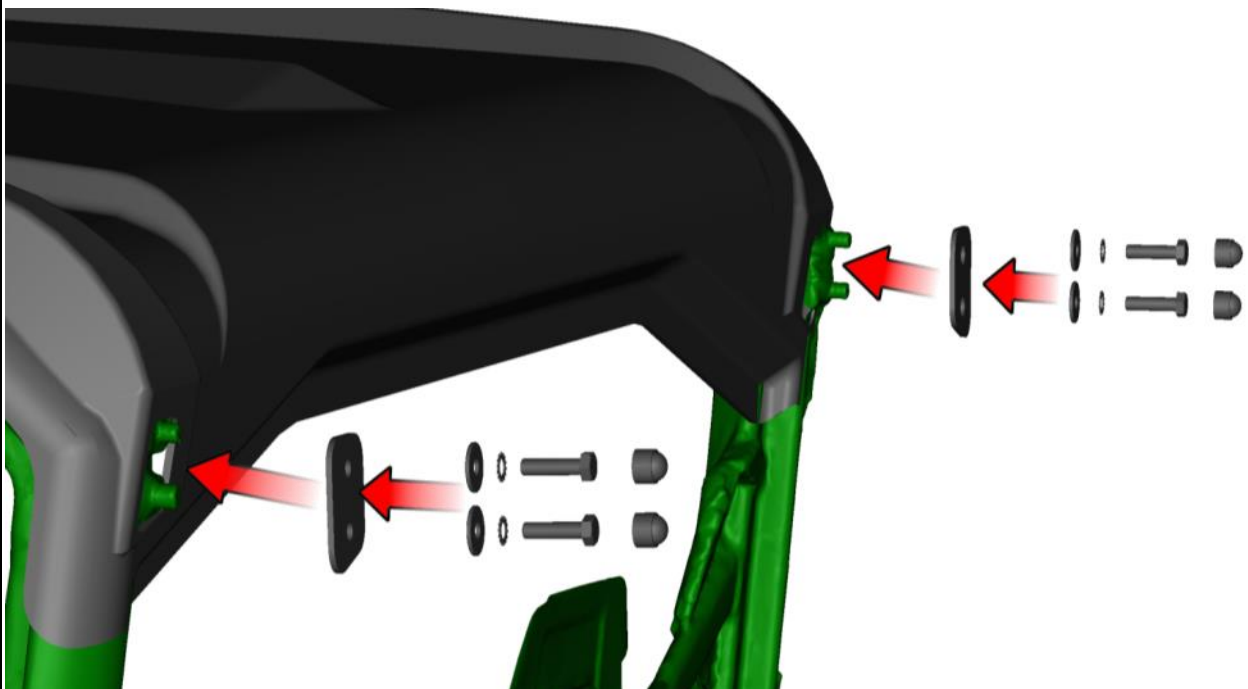


Close the rear roof panel holders and fix with included nuts, washers and covers. Tighten them hard.

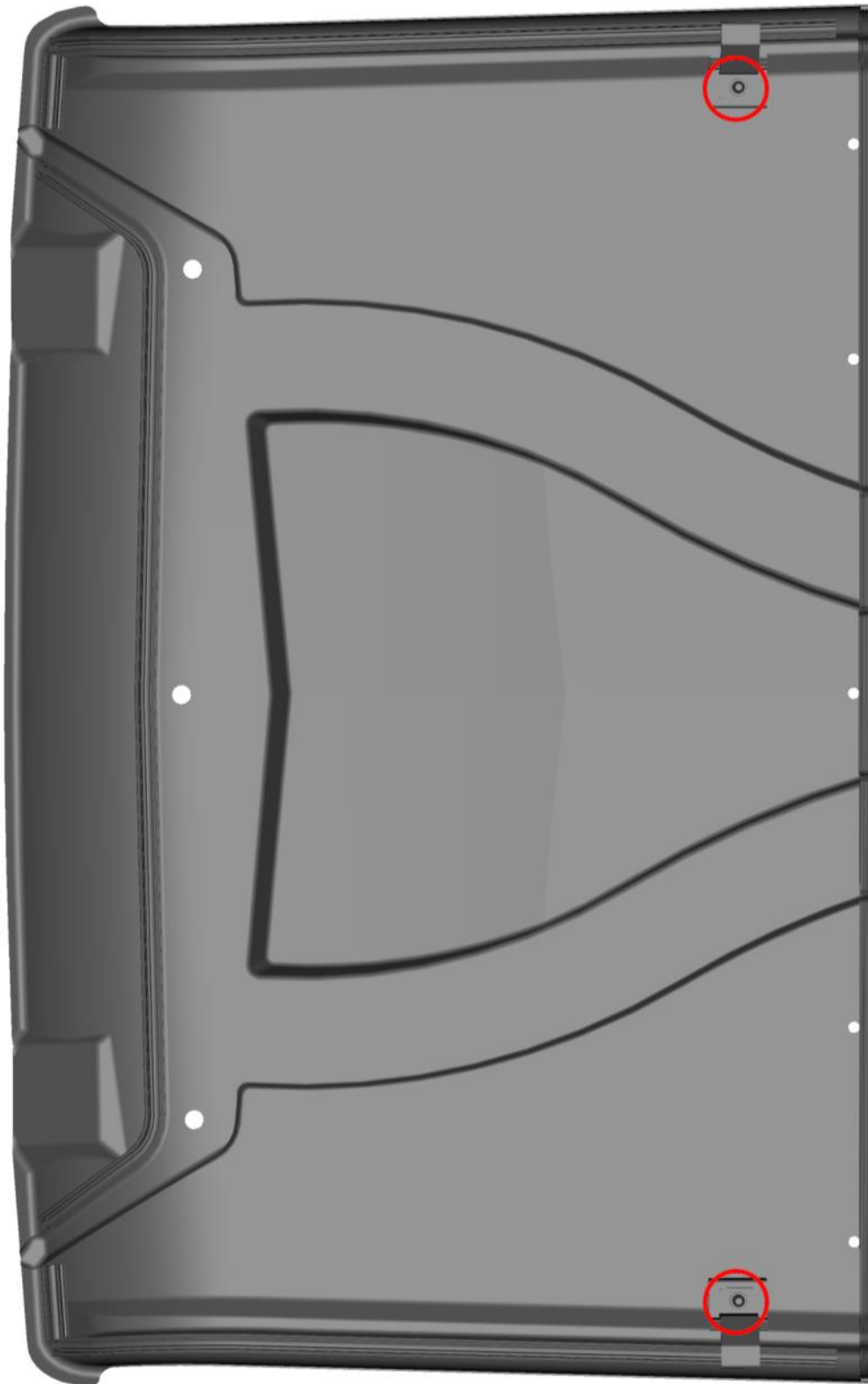


Fix the rear roof panel with the fixing assemblies, if you install the cabin without the doors. If you have the complete cabin with the doors, fix the rear roof panel with the rear doors frame hinges. See chapter left + right rear door.

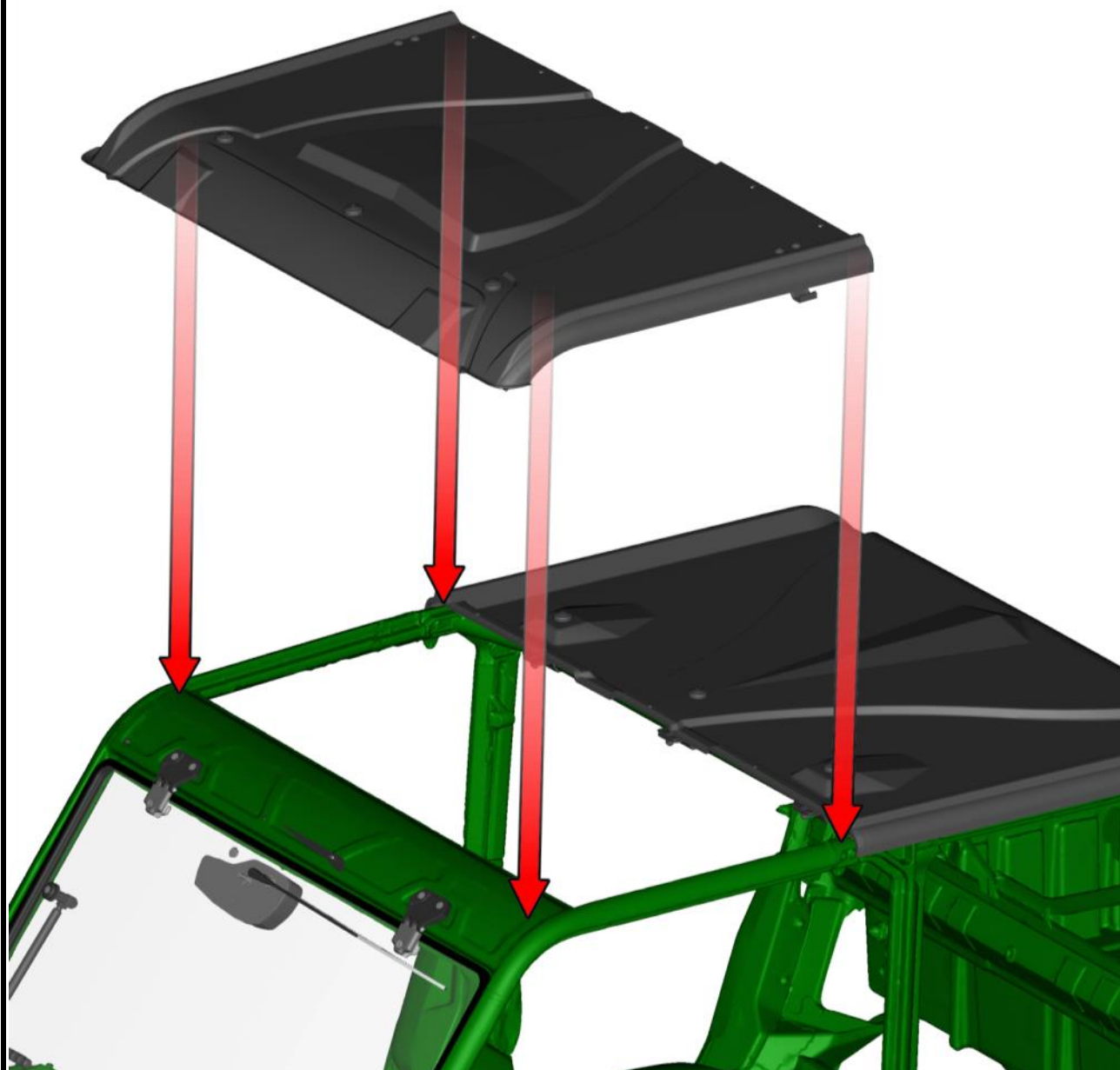
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Unmount the front roof panel holders (red circles) and save them for later usage.



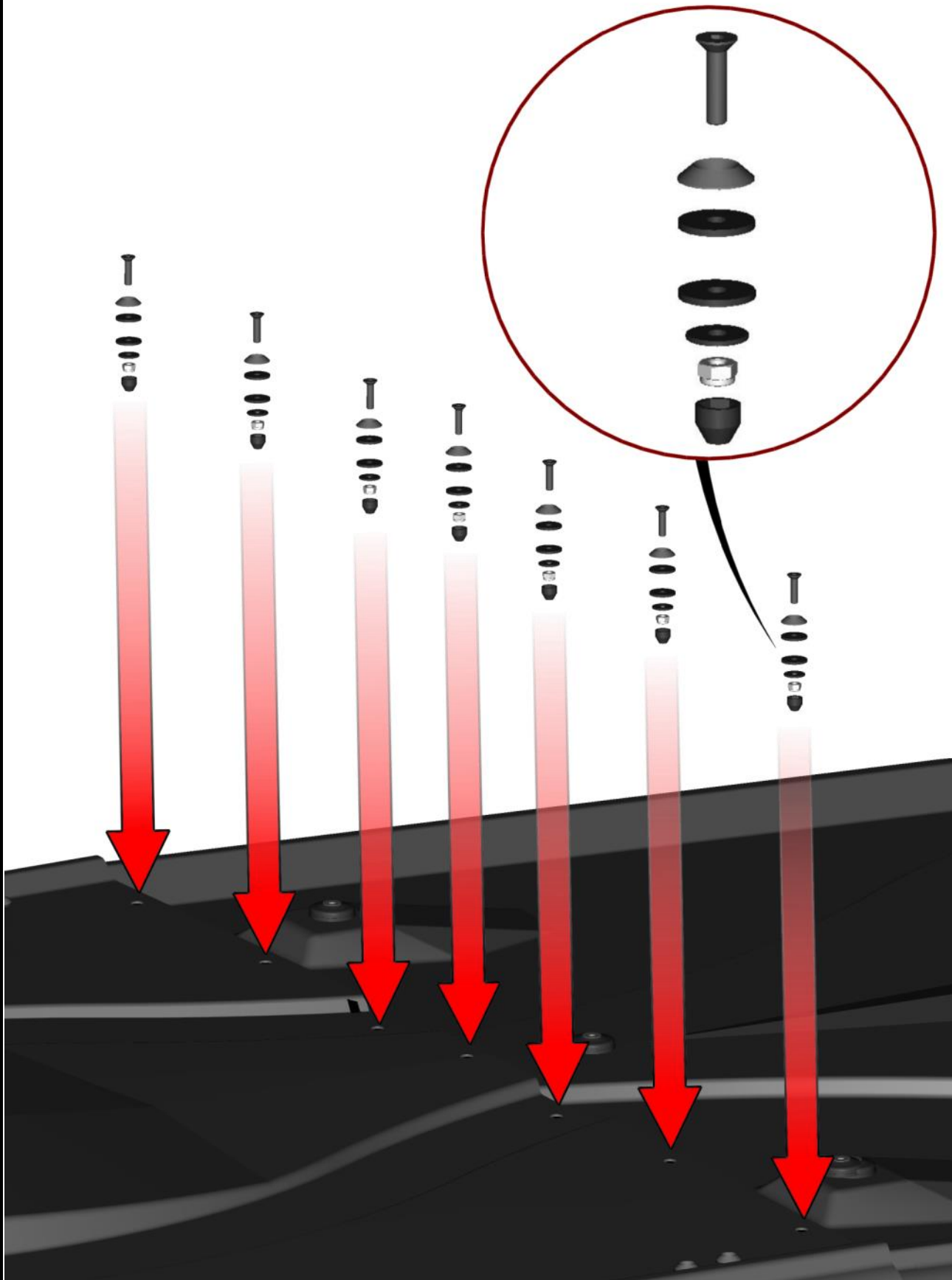
Place and adjust the front roof panel onto the vehicle frame.



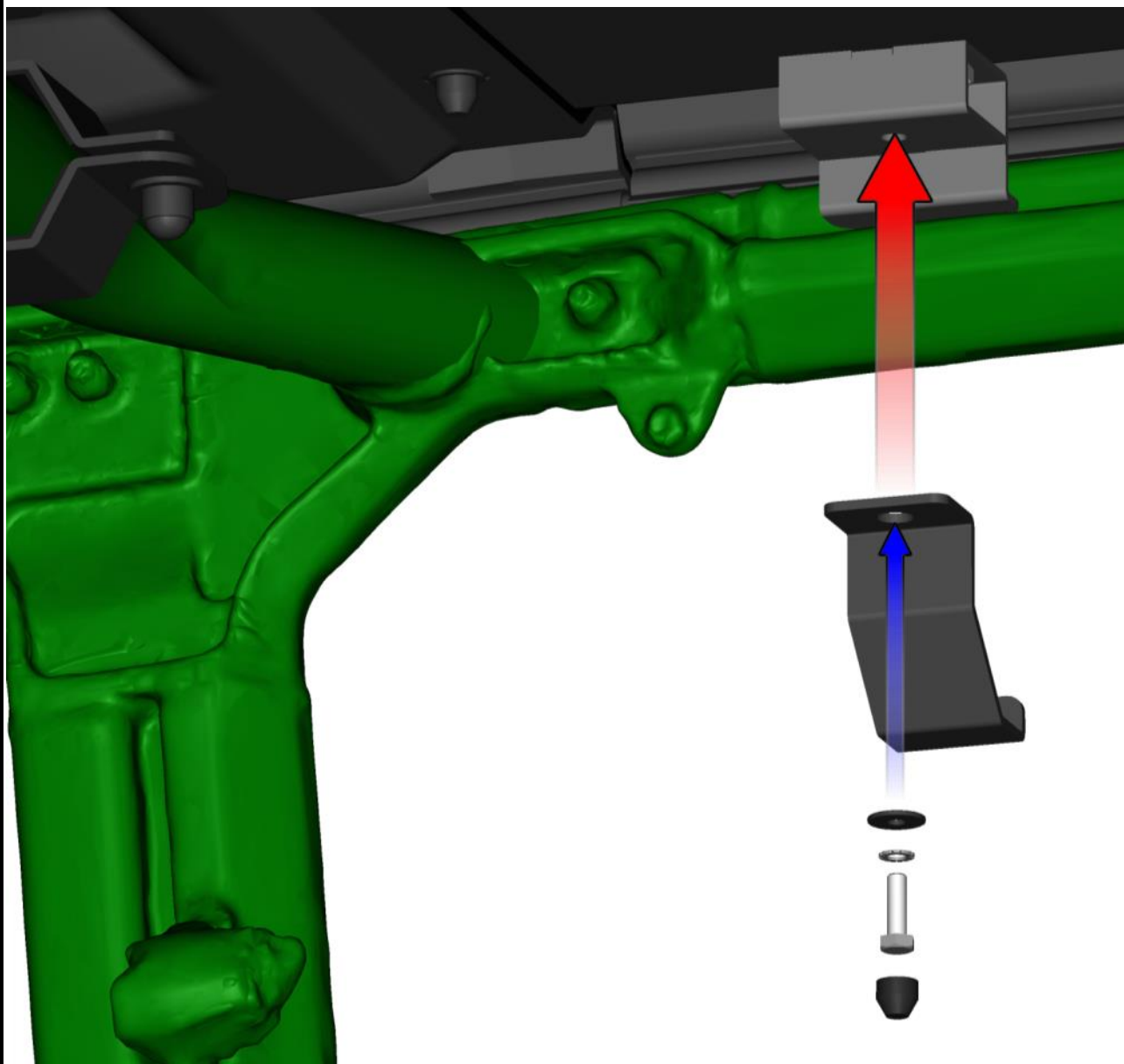
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Connect the front and rear roof panel together by included fixing assemblies.

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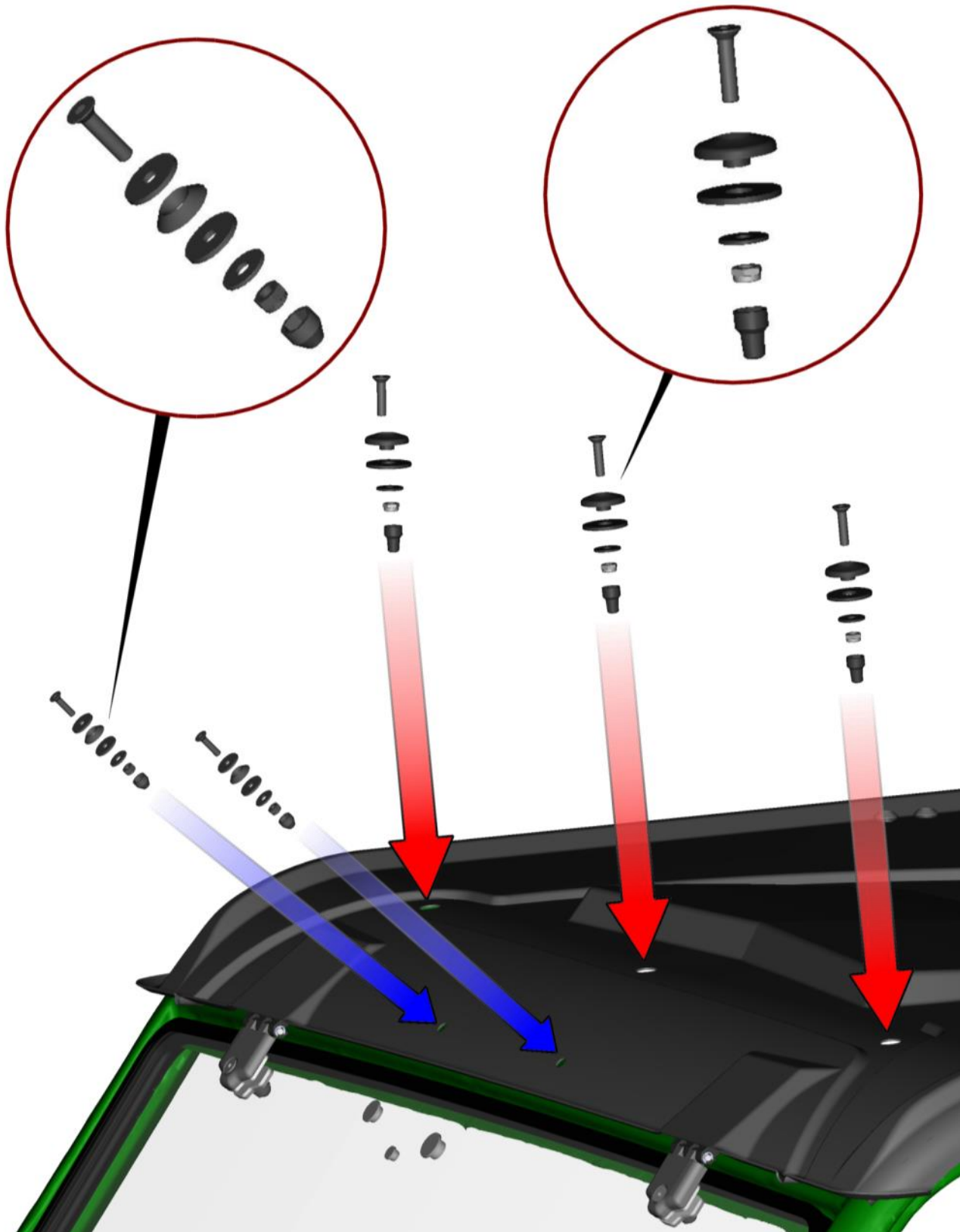


Install the front roof panel holders to the position and tighten the bolts correctly.



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Fix the front roof panel onto the vehicle frame with included fixing assemblies.

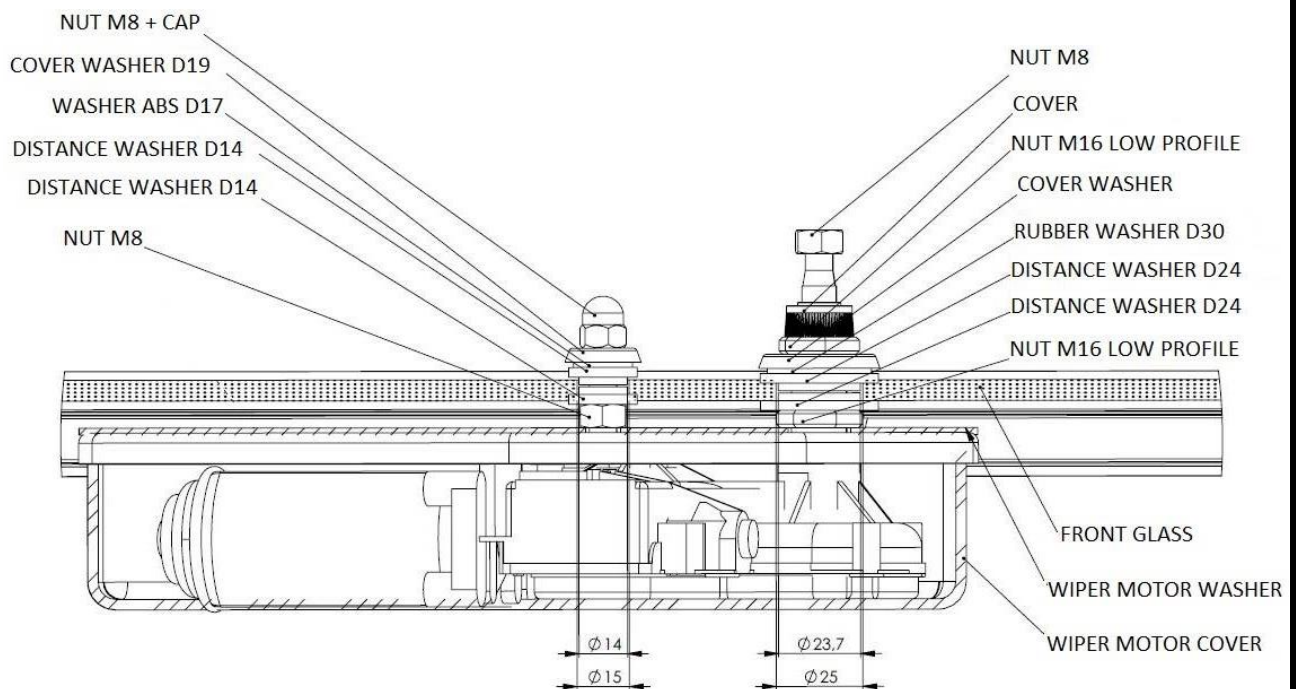


Install wiper motor onto the front window.
View onto the installed washers.

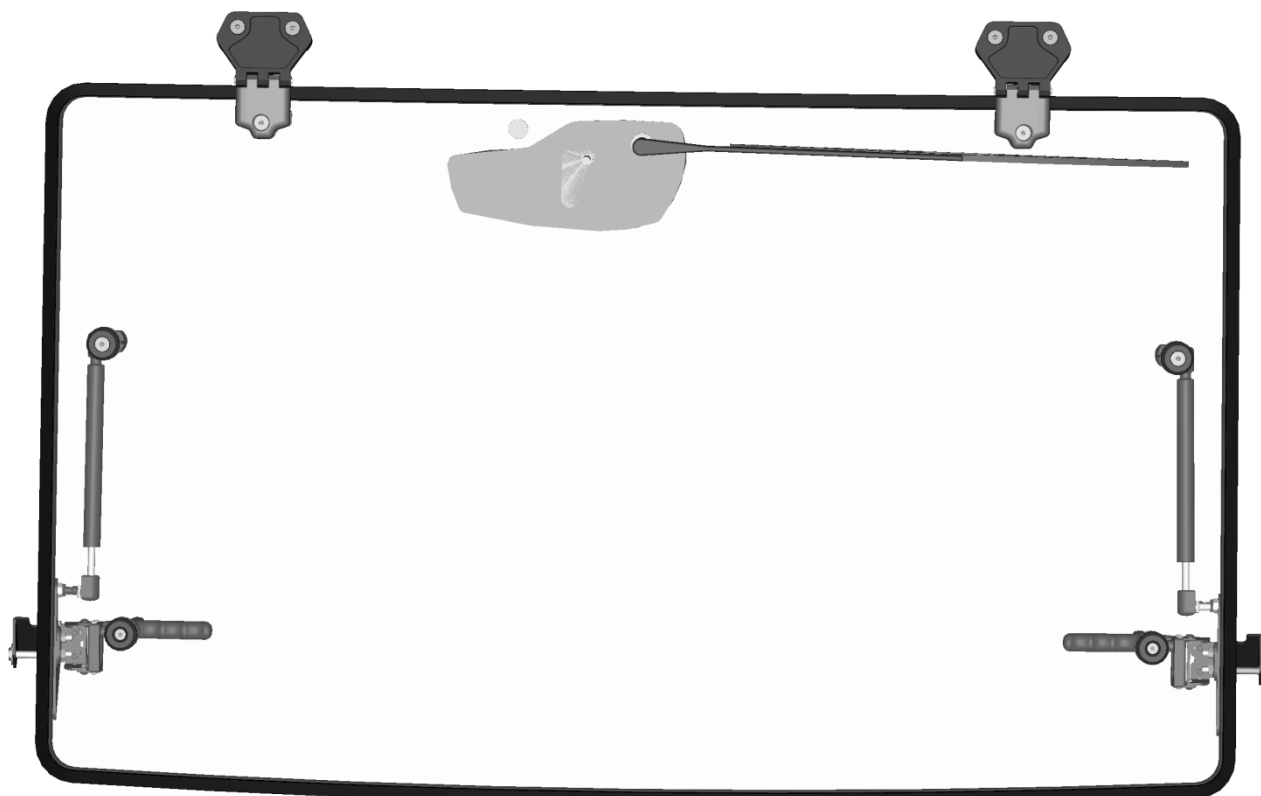


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Place the wiper assembly onto the front glass from inner side. Fix the wiper motor with the front glass by included washers and nuts. Tighten the fixing assemblies correctly.



Install wiper arm onto the wiper motor.



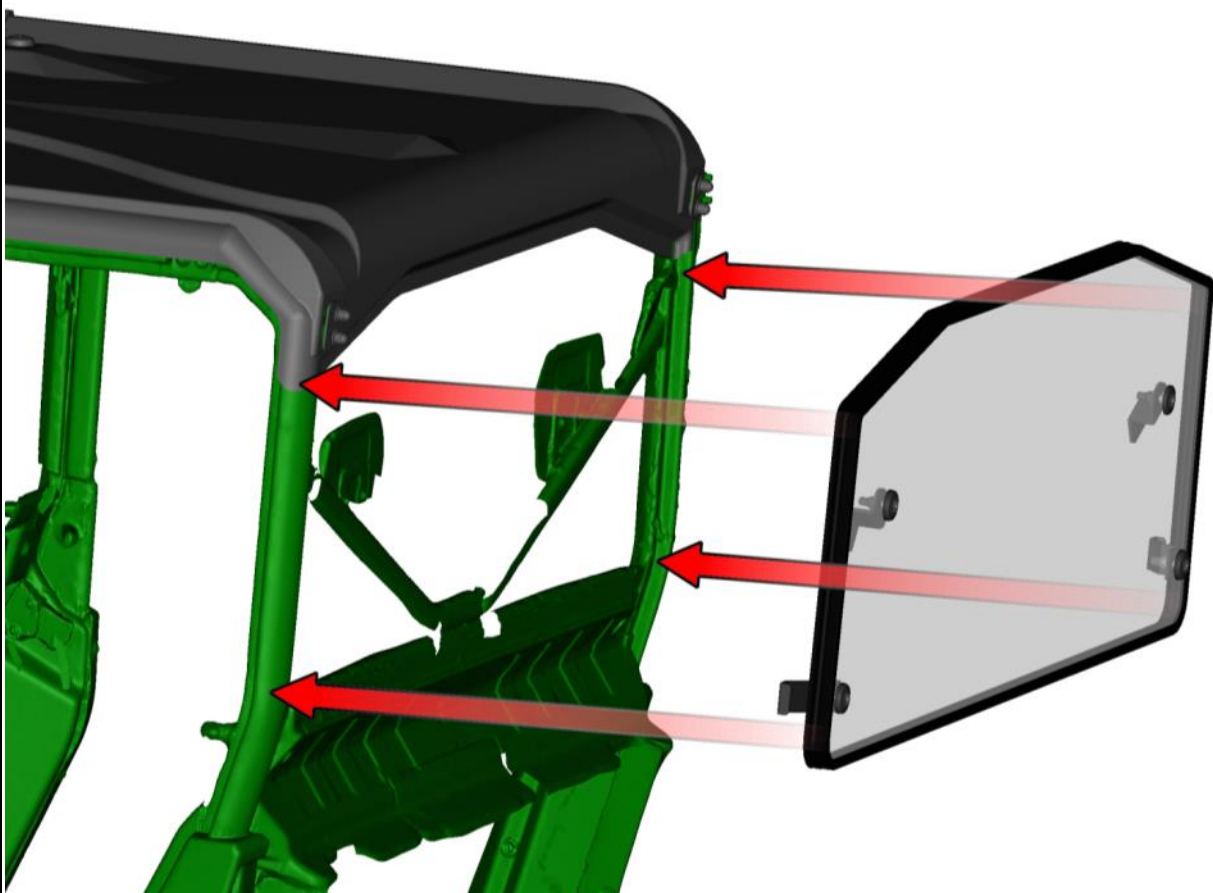
Connect the wiper harness branch to the wiper motor and insert wiper motor connector under the wiper cover. Route the washer tube through the front window and connect the tube to the washer jet on a wiper arm.

REAR PANEL

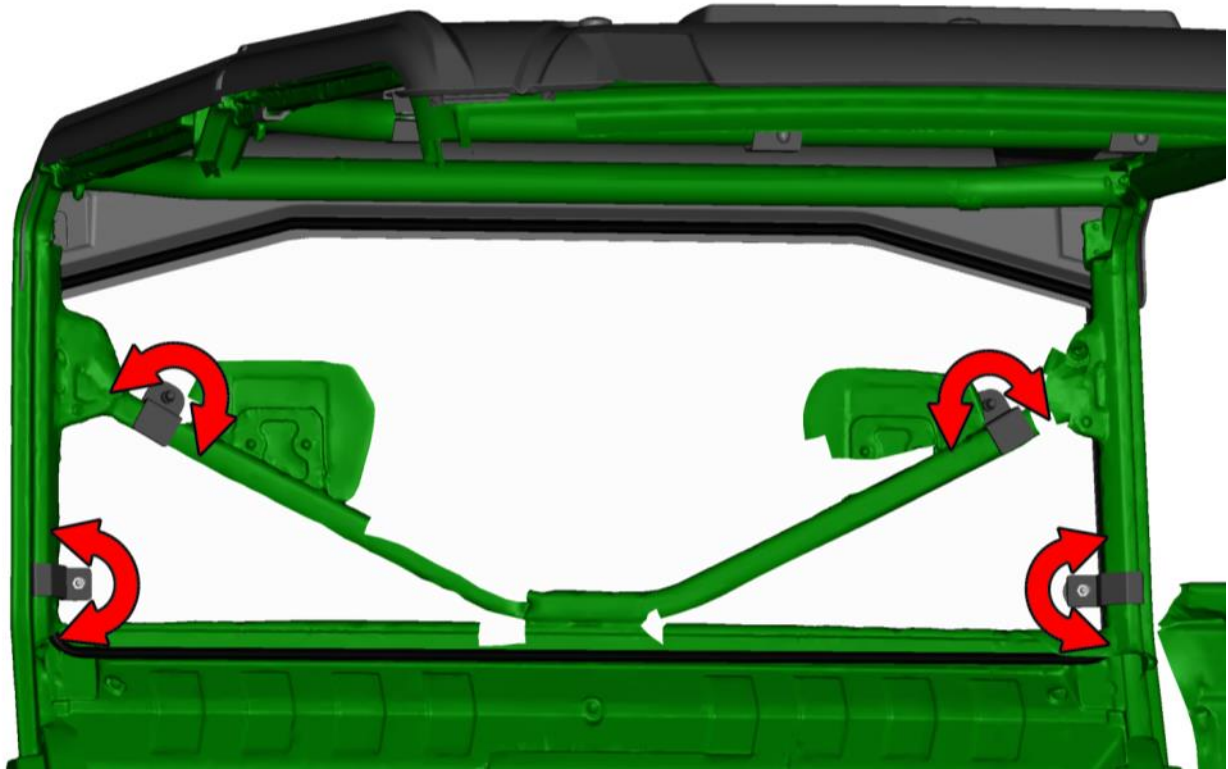
Loosen the bolts on the rear panel holders and turn the holders to the neutral position.



Place and adjust the rear panel to the best position onto the vehicle frame.



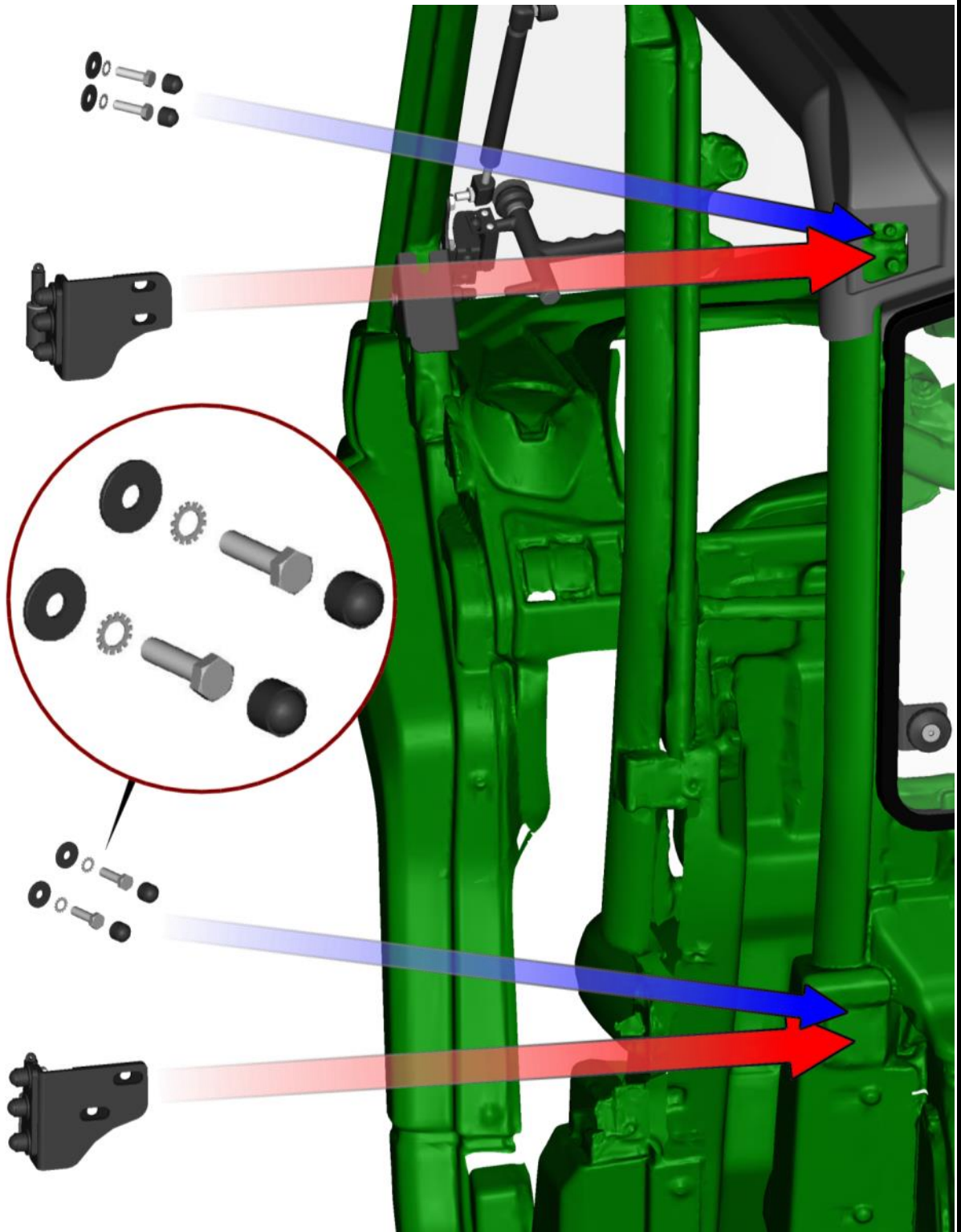
Turn the rear panel holders to the correct position and tighten the bolts correctly.



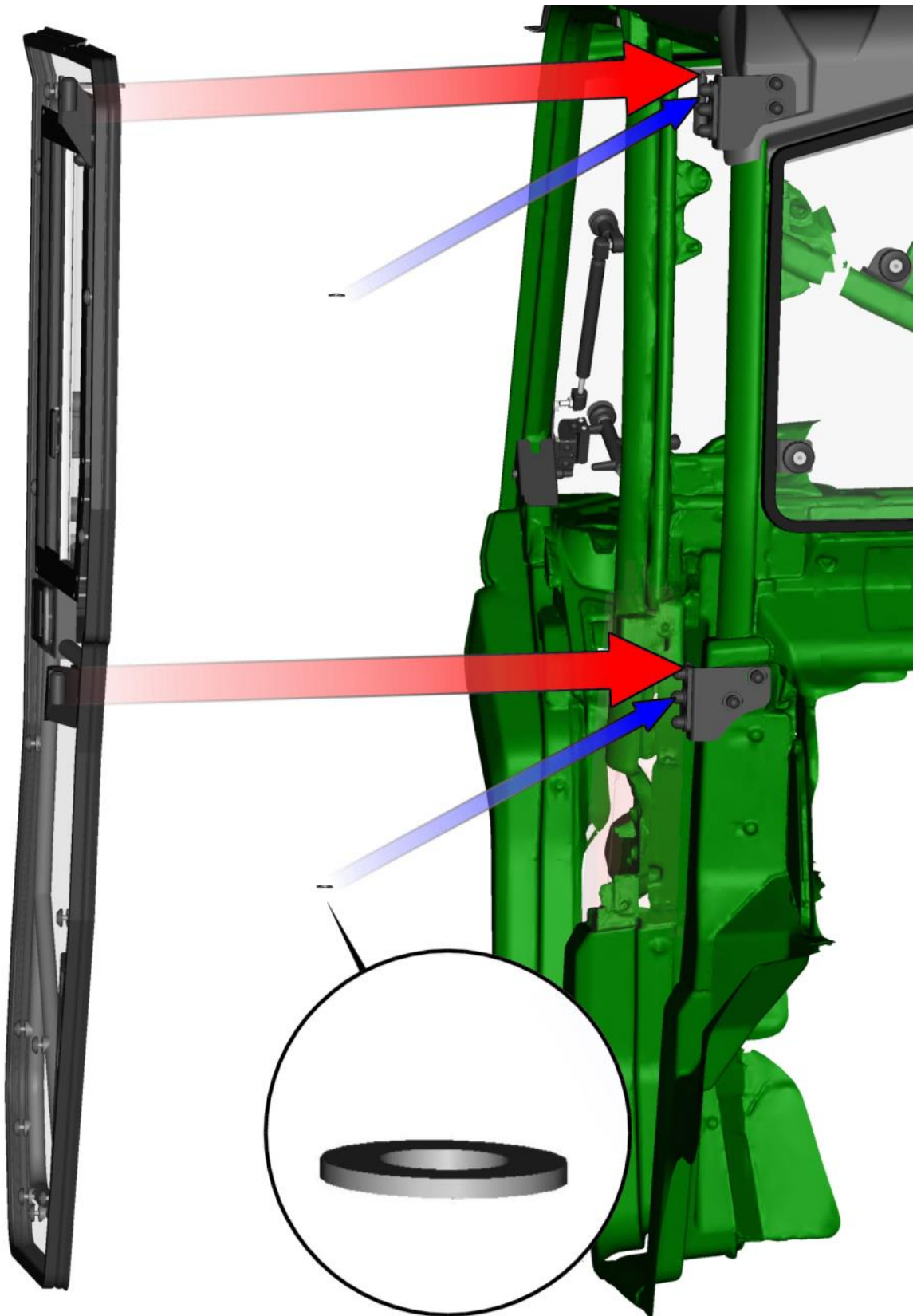
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LEFT + RIGHT REAR DOOR

Install the left rear door hinges and fix onto the vehicle frame with included fixing assemblies.

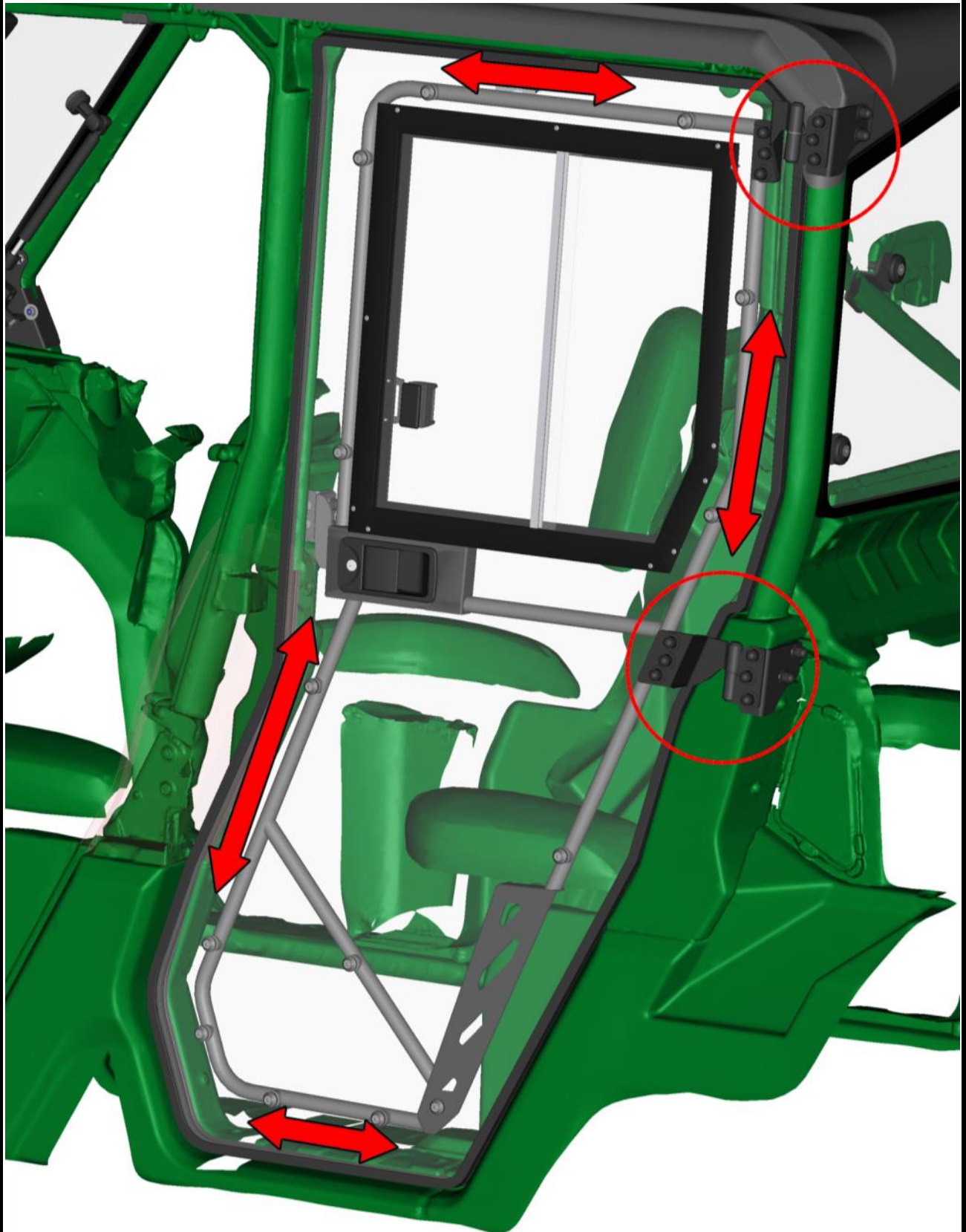


Install washers onto the hinges pins, if it is necessary. Lubricate the hinges pins and place the door onto the hinges.



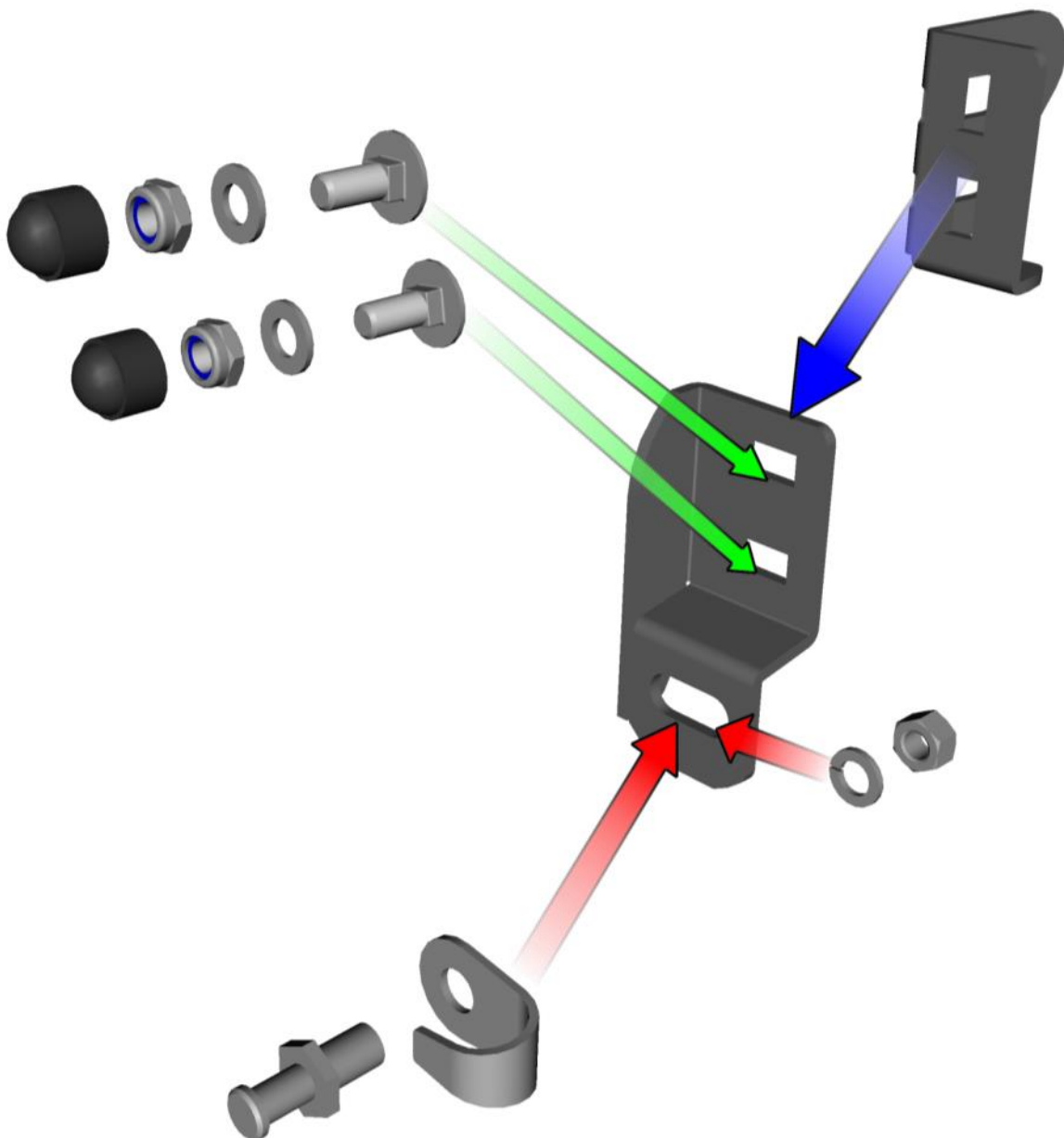
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Loosen all hinge's bolts and adjust the door into the best position in the vehicle frame and tighten hinges bolts correctly.



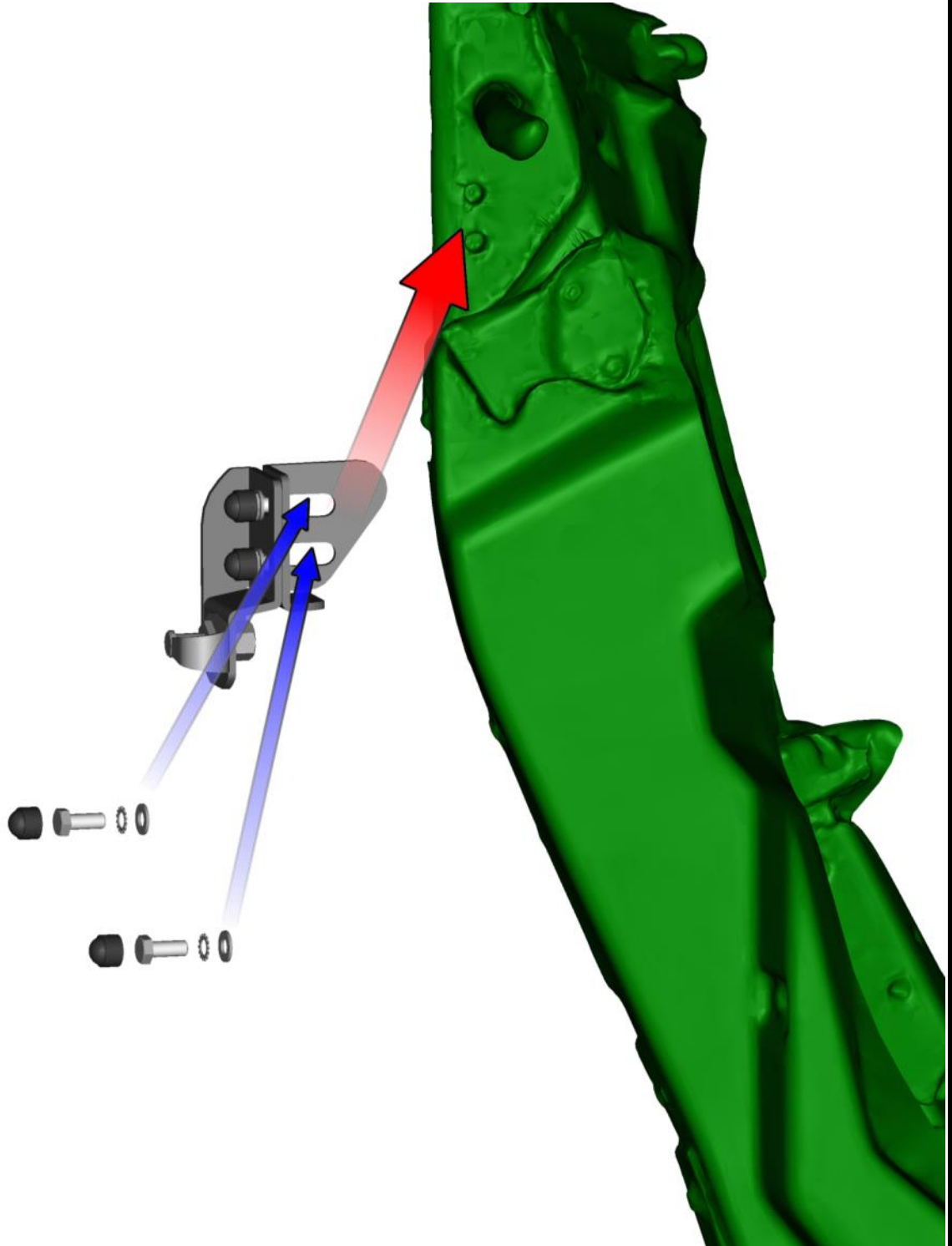
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Install the door stop assembly onto the rear left door stop holder. Fix by included fixing assemblies.



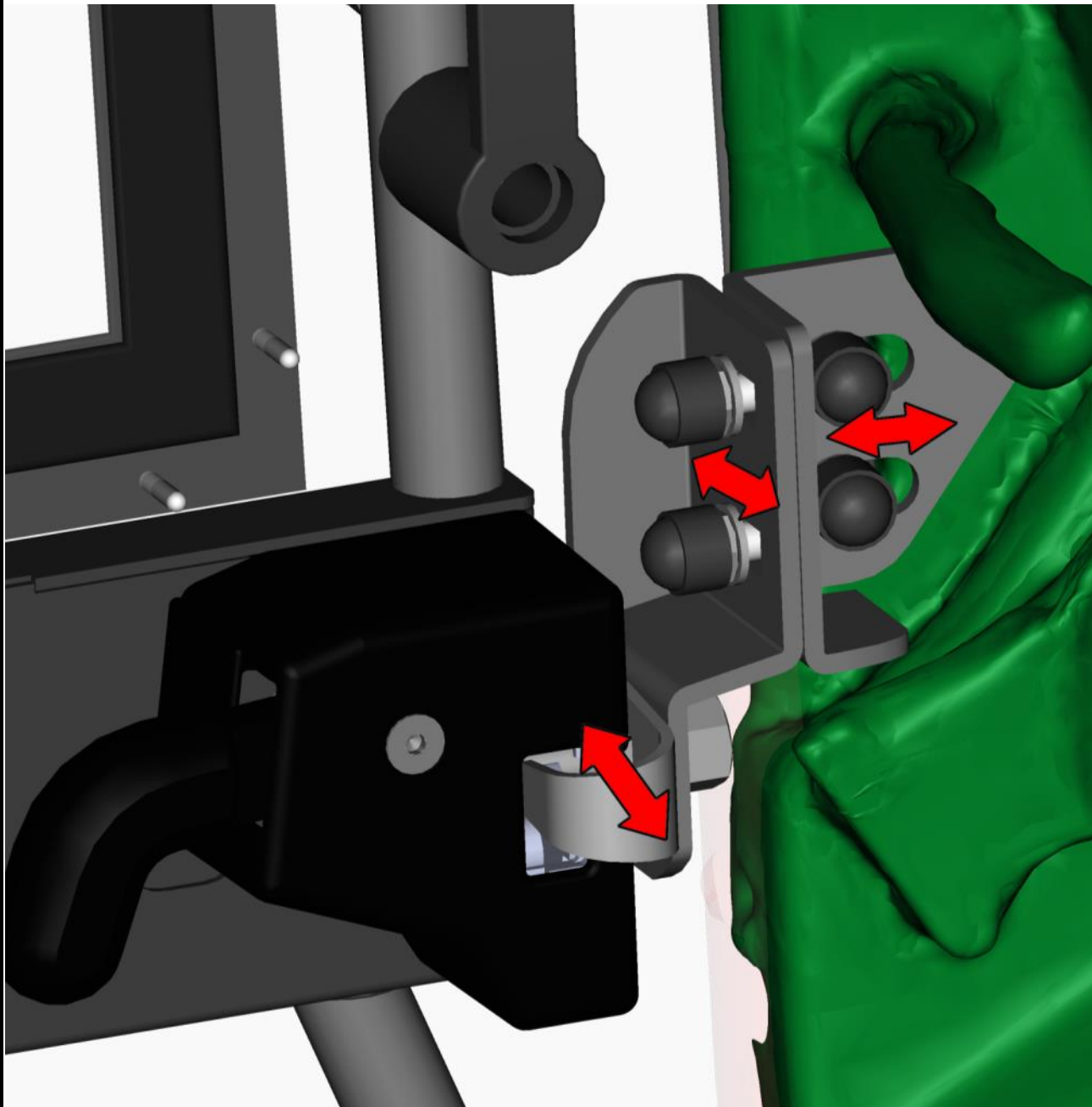
60

Place the left rear door stop assembly onto the vehicle frame and fix it with included screws, washers and covers.



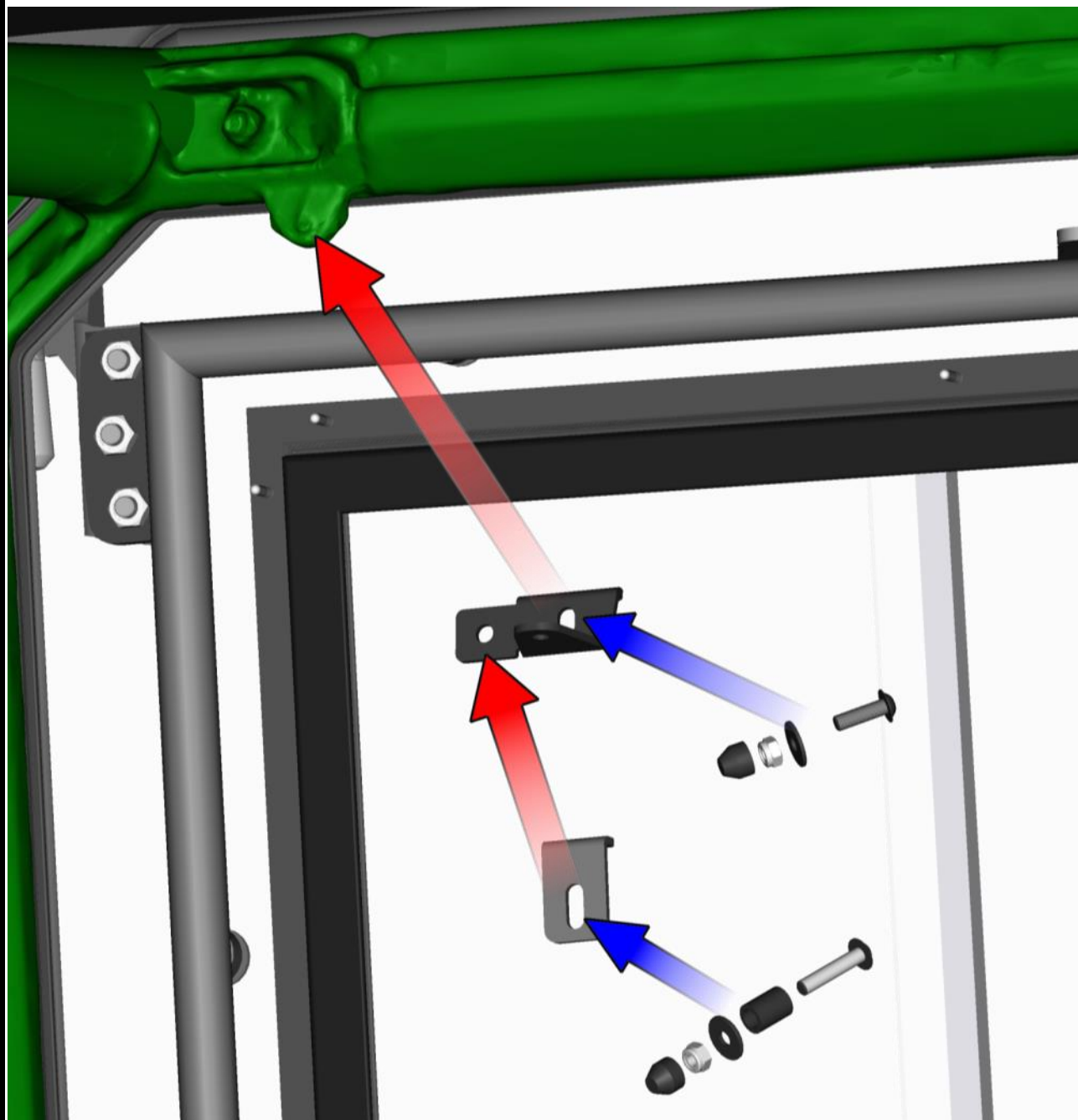
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Adjust the door stop assembly into the best position and tighten the bolts hard. If you adjusted correctly, you can hear two clear metallic clicks when you close door slowly.



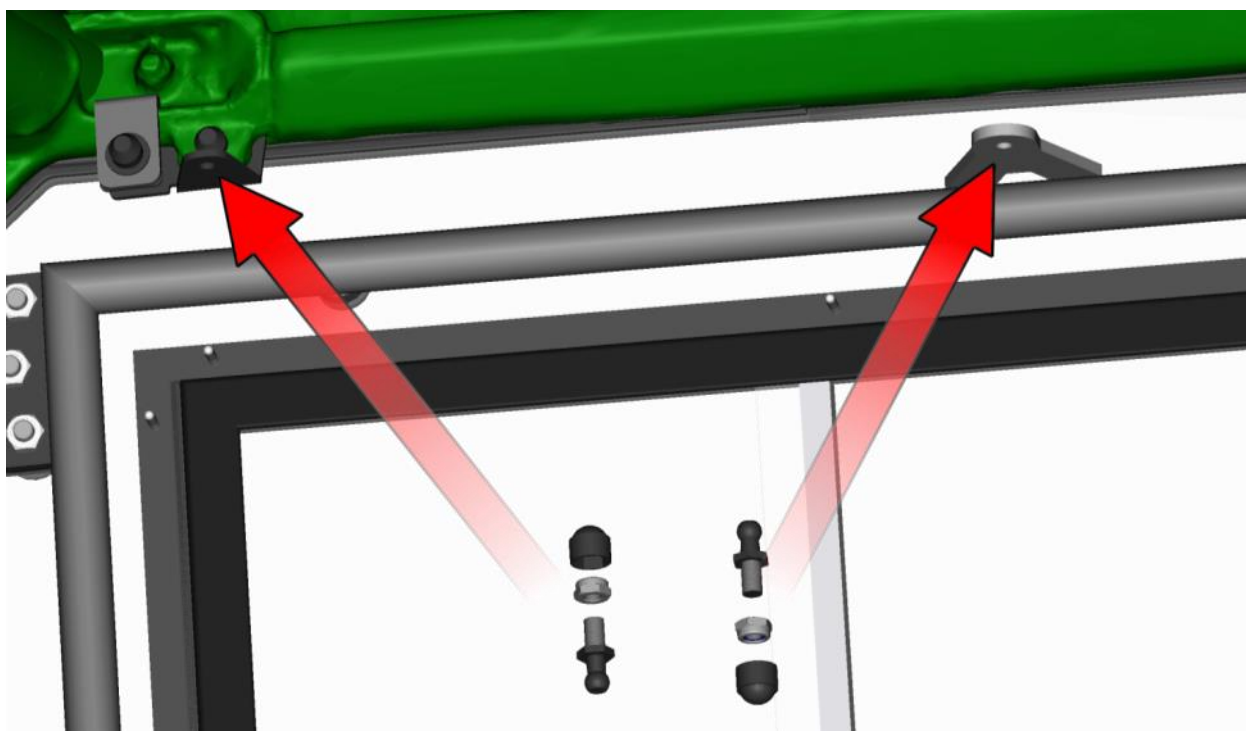
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Install the gas spring holder onto the vehicle frame and fix with included fixing assembly.



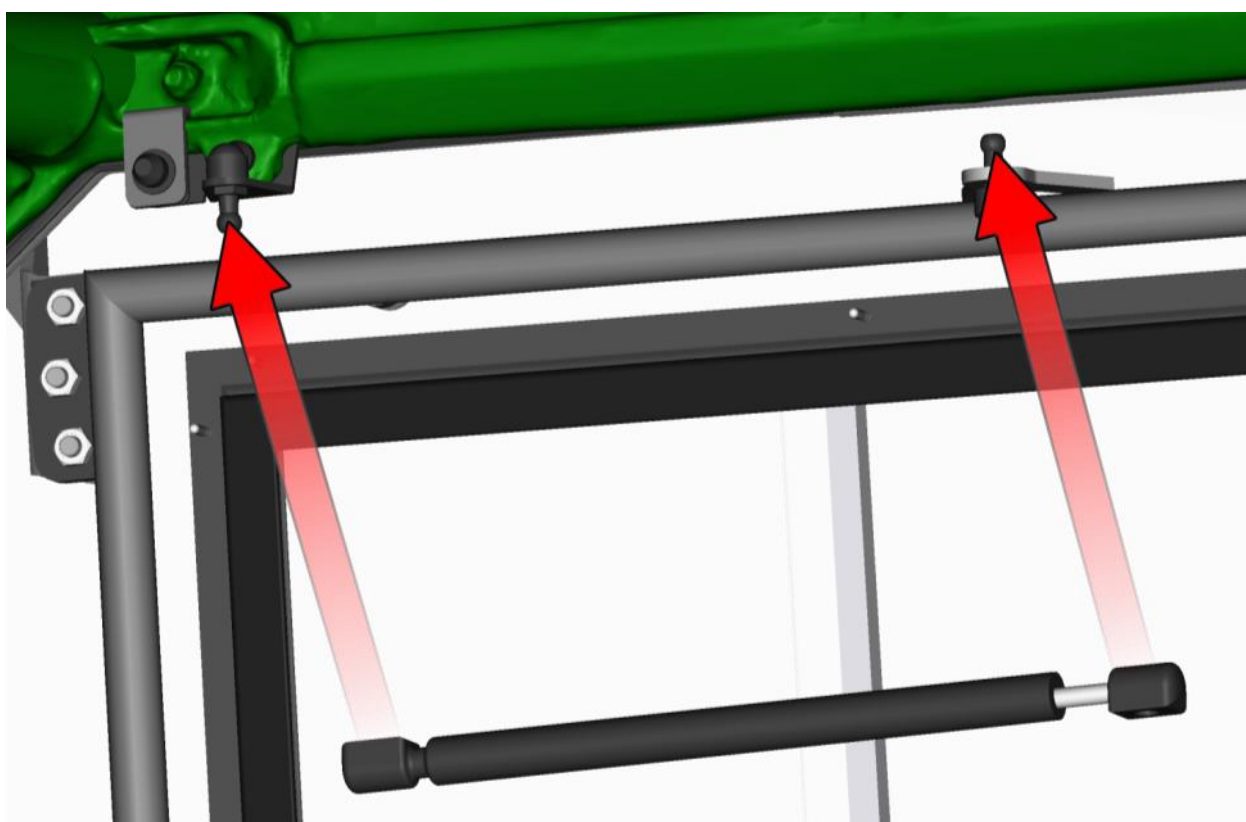
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Install the gas spring pins and fix with included washers, nuts and covers.



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Install the gas spring onto the gas spring pins.



Repeat previous steps with right rear door.

LEFT + RIGHT FRONT DOOR

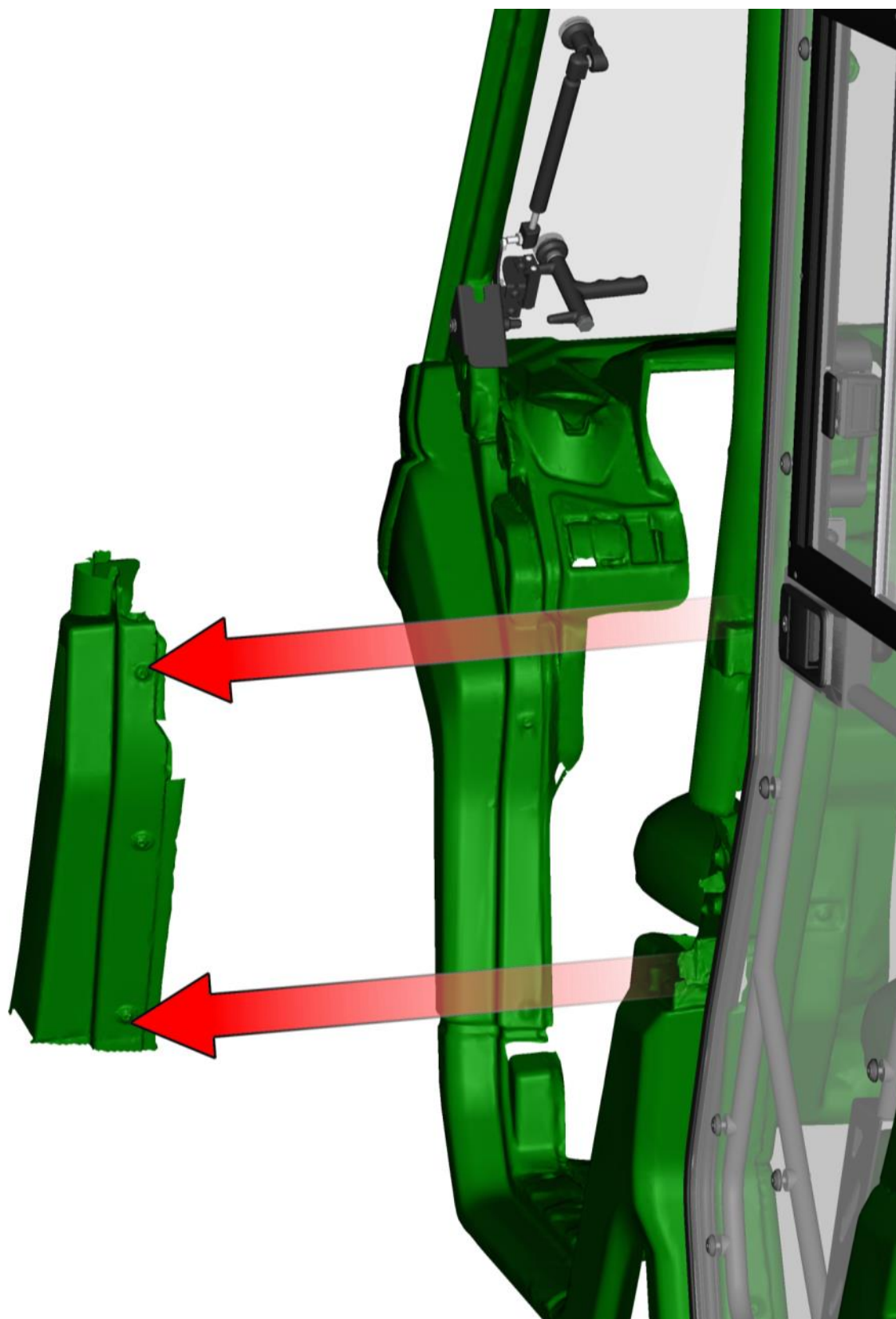
Unscrew the cover fixing bolts (green circles) and uninstall the plastic cover.



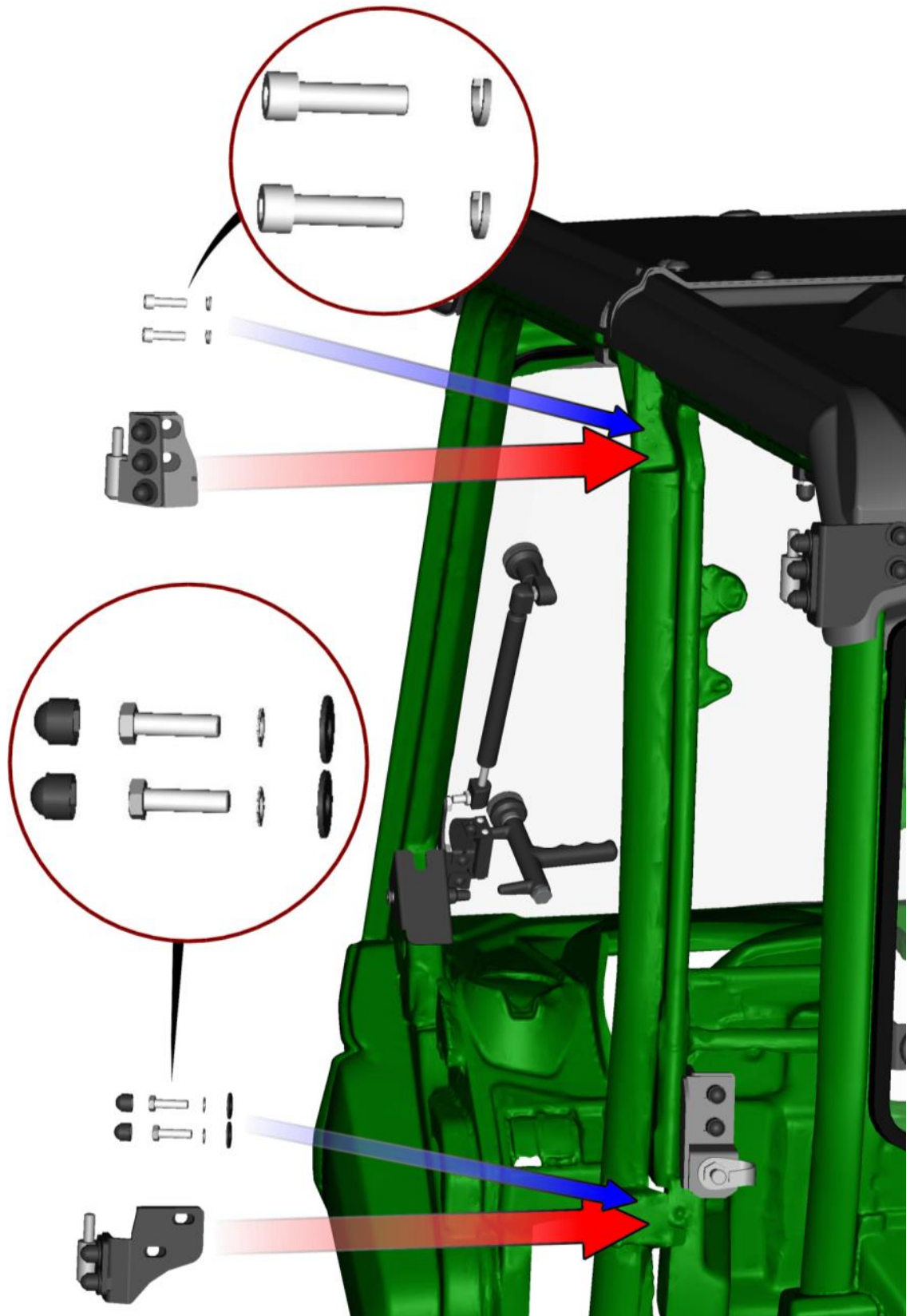
Save the fixing assemblies for later usage.



Remove the plastic cover.



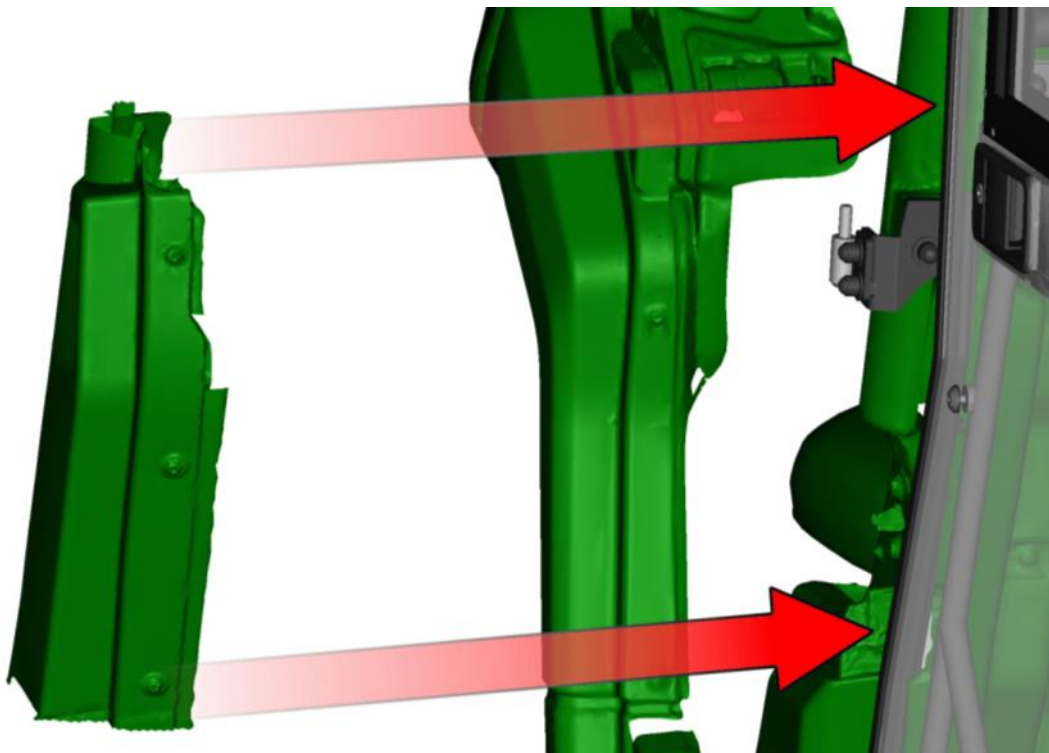
Mount left front door hinges onto the vehicle frame with included fixing assemblies.



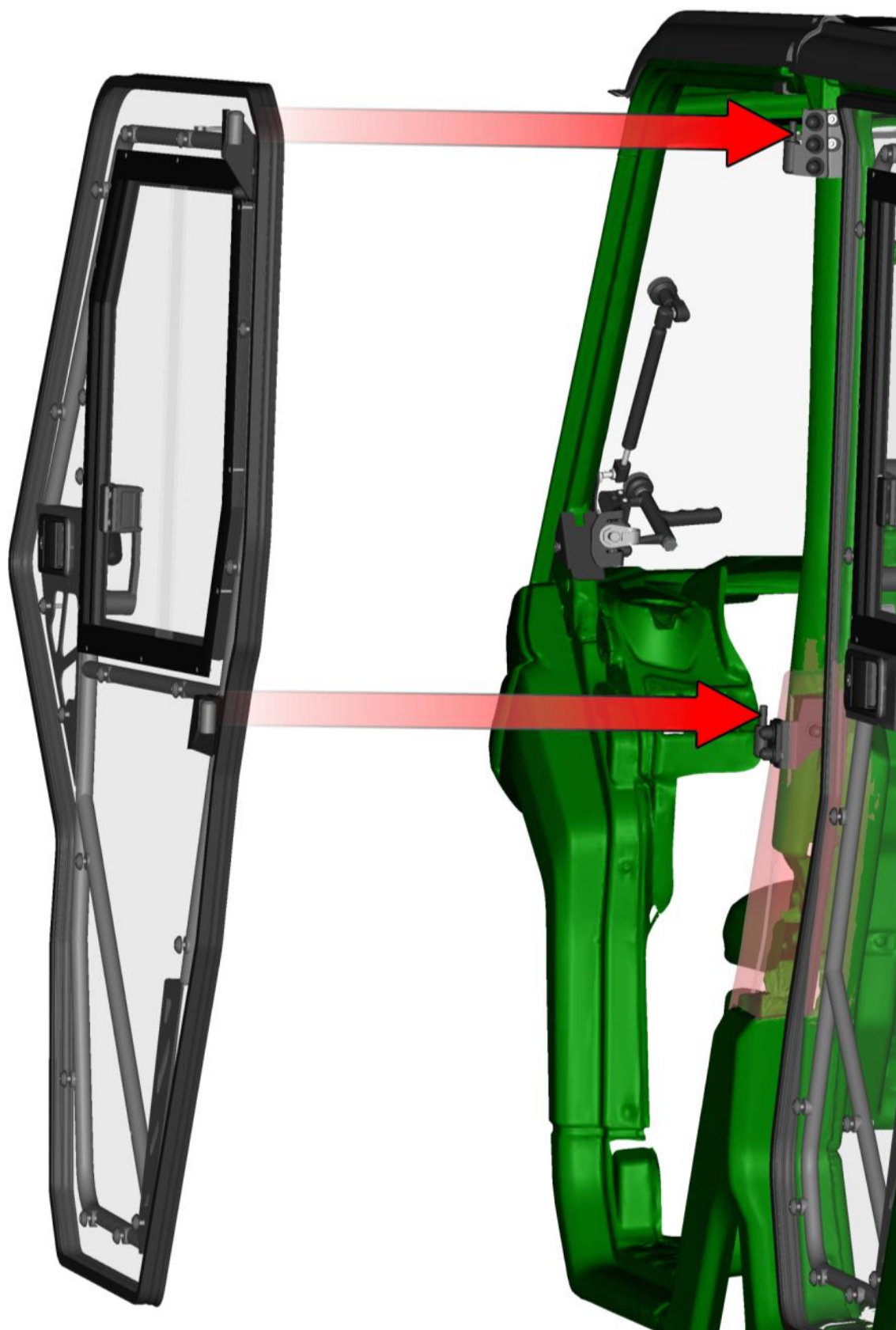
Cut a hole for hinge in the hinge cover (green rectangle).



Place the plastic cover back to the correct position and fix with original fixing assemblies.



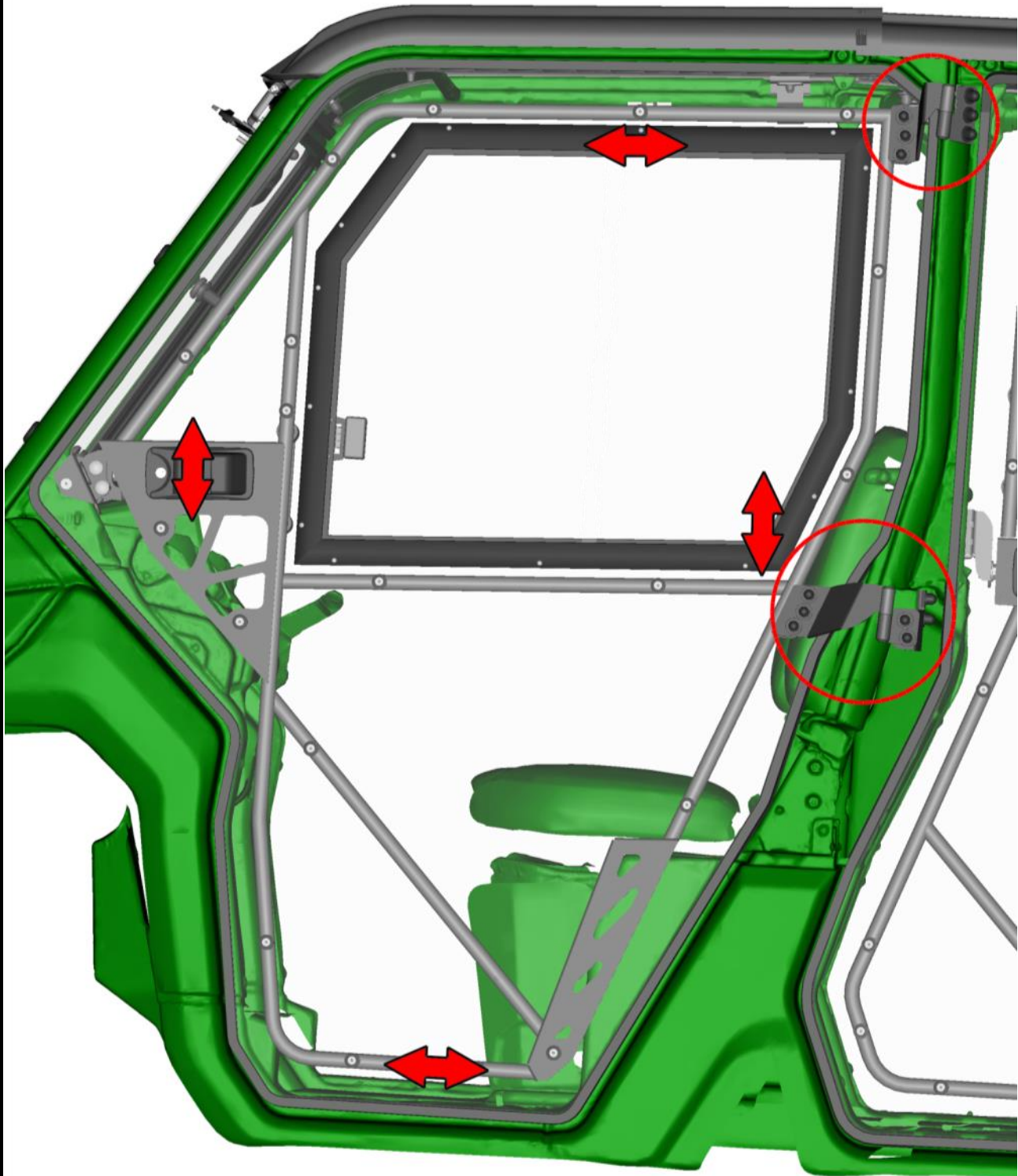
Lubricate the hinges pins and place the door onto the hinges.



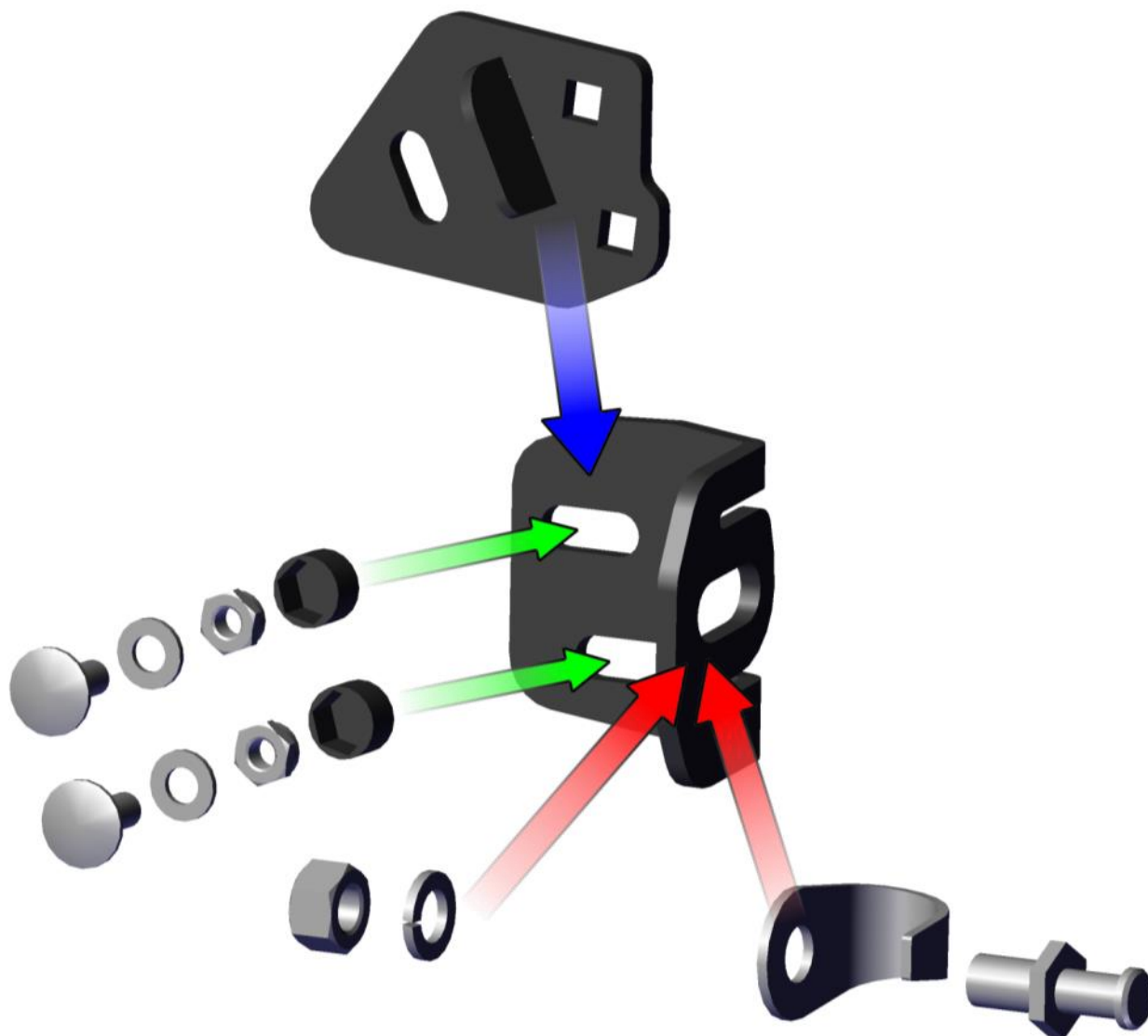
69

Loosen all hinge's bolts and adjust the door into the best position in the vehicle frame and tighten hinges bolts correctly.

70

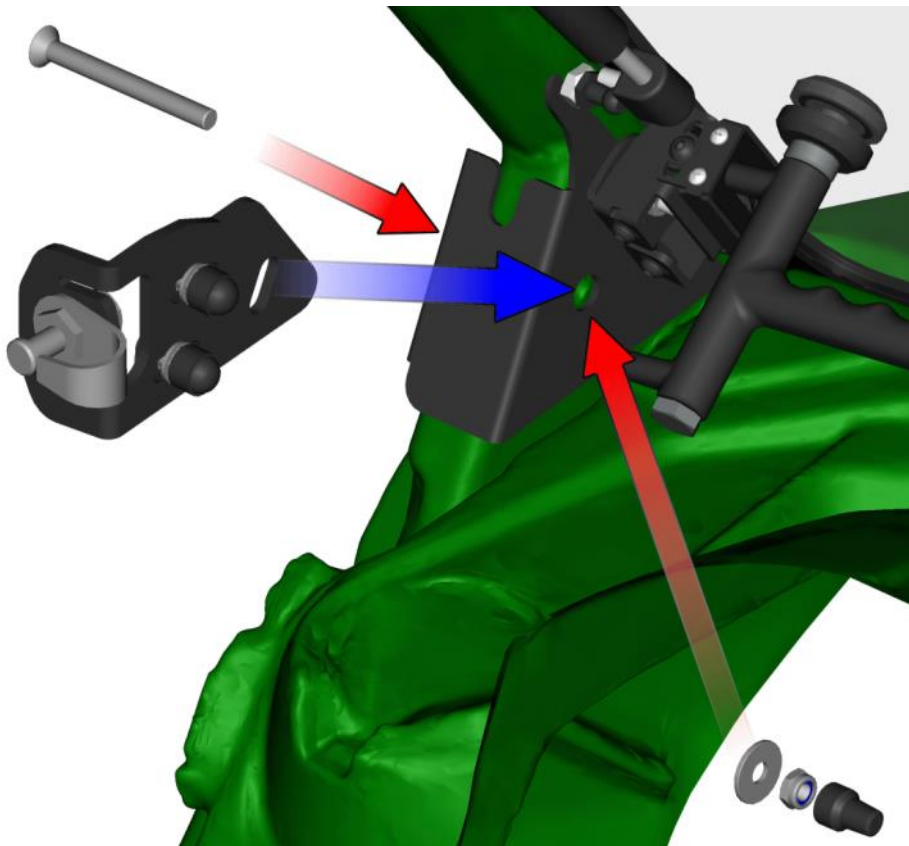


Install the door stop assembly onto the front left door stop holder. Fix with included fixing assemblies.

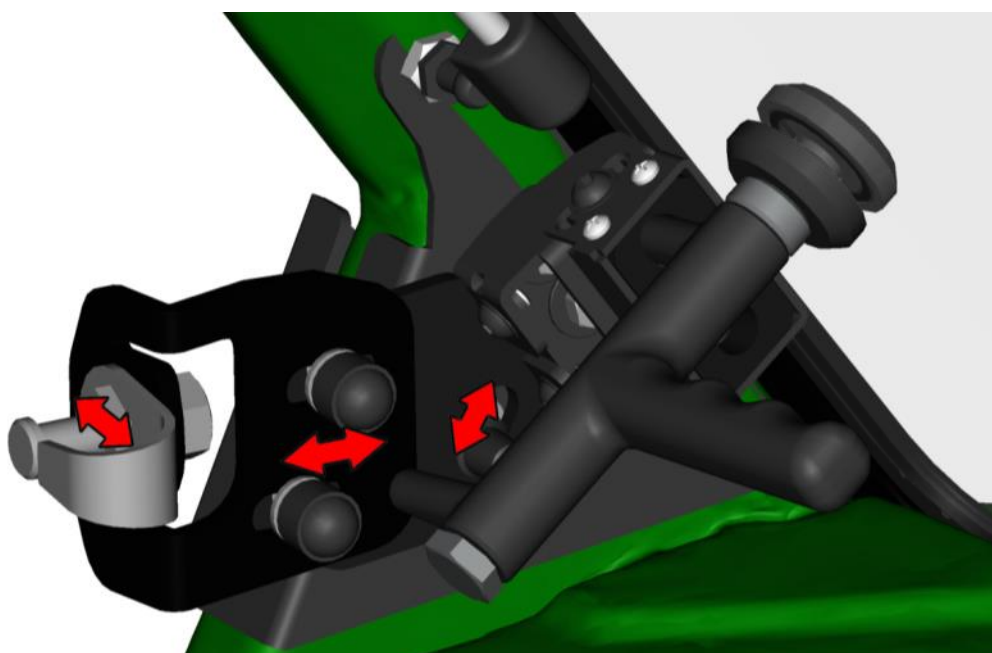


71

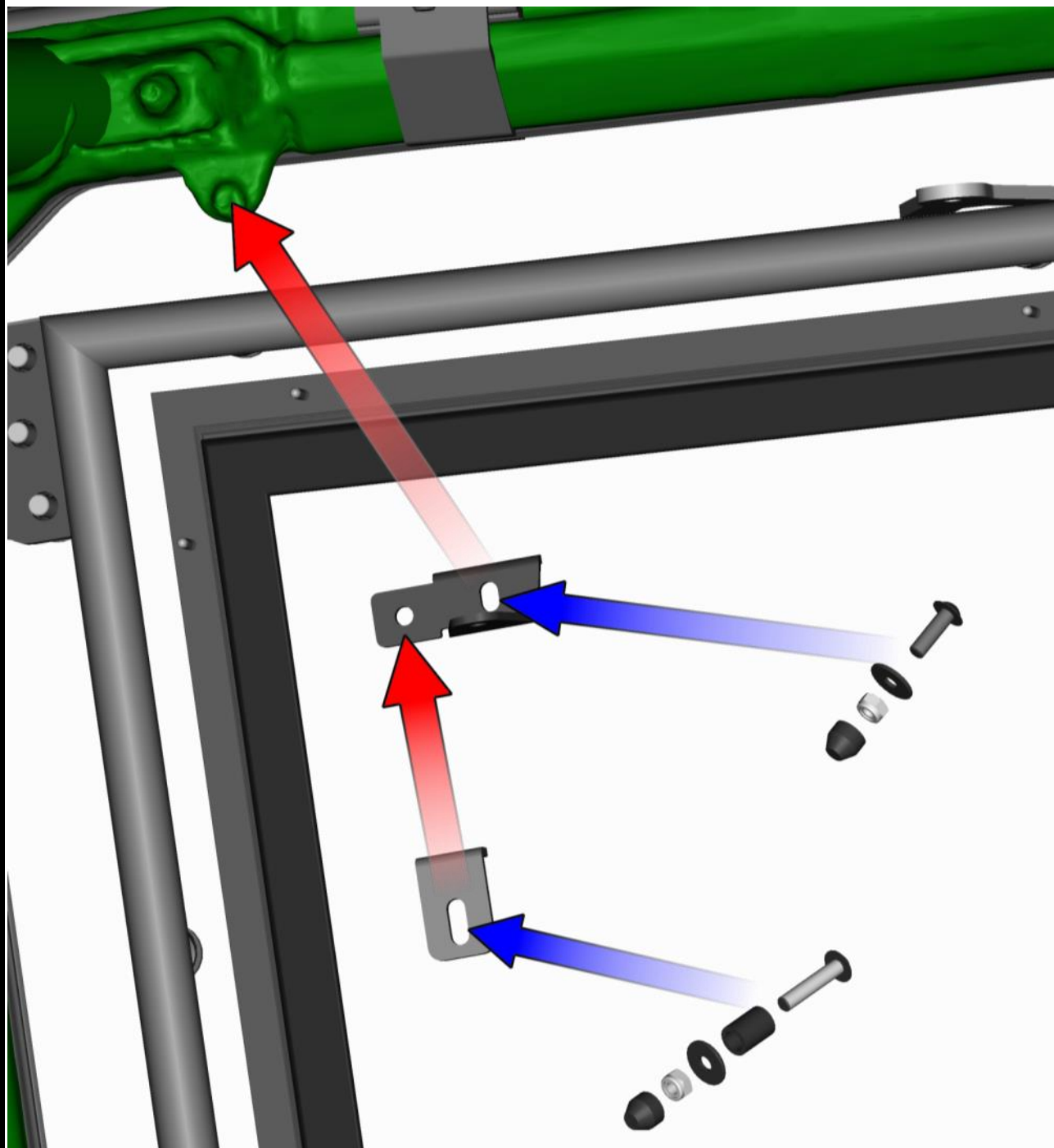
Place the left front door stop assembly onto the left front window console and fix with included fixing assemblies.



Adjust the door stop assembly into the best position and tighten the bolts hard. If you adjusted correctly, you can hear two clear metallic clicks when you close door slowly.

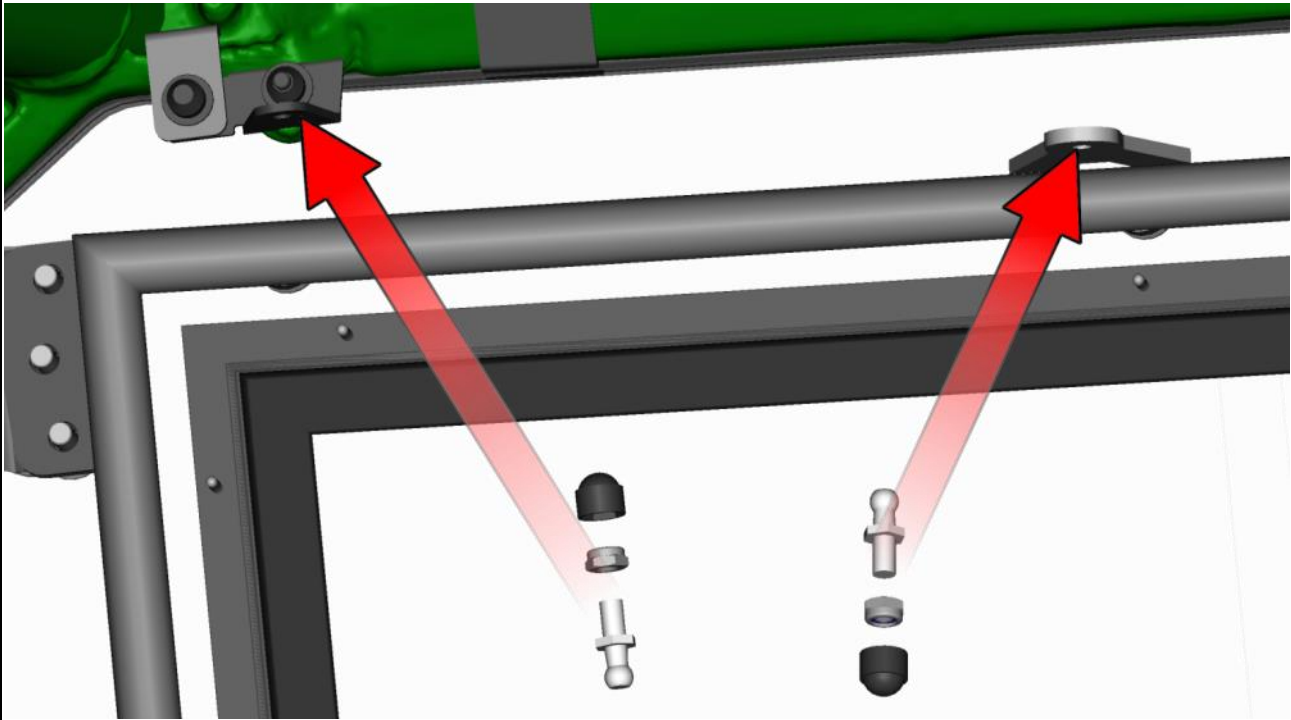


Install the gas spring holder onto the vehicle frame and fix with included fixing assembly.

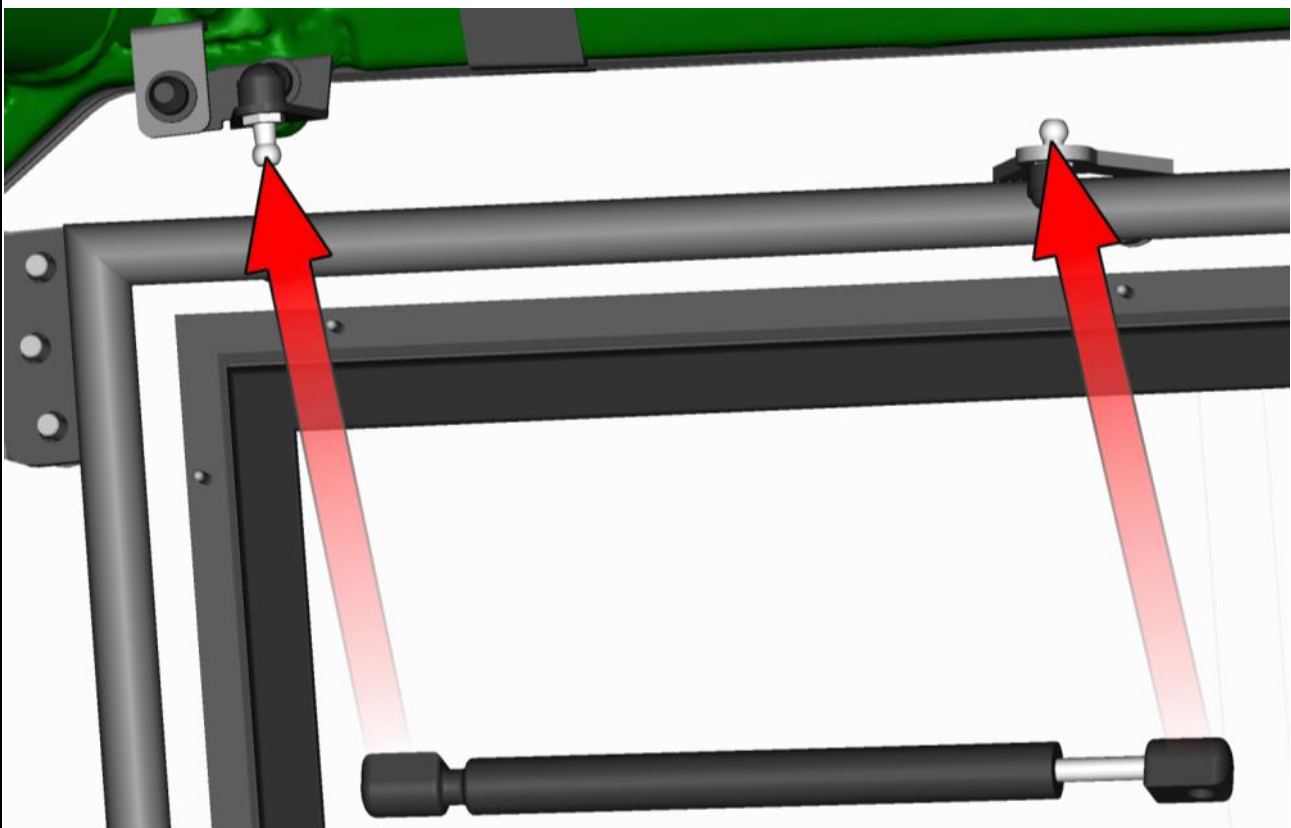


73

Install the gas spring pins and fix with included washers, nuts and covers.



Install the gas spring onto the gas spring pins.



Repeat previous steps with right rear door.

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

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

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