



INSTALLATION INSTRUCTIONS

CF MOTO

UFORCE 1000



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.

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 cages (work lights, rear mirrors, drink holders etc.)

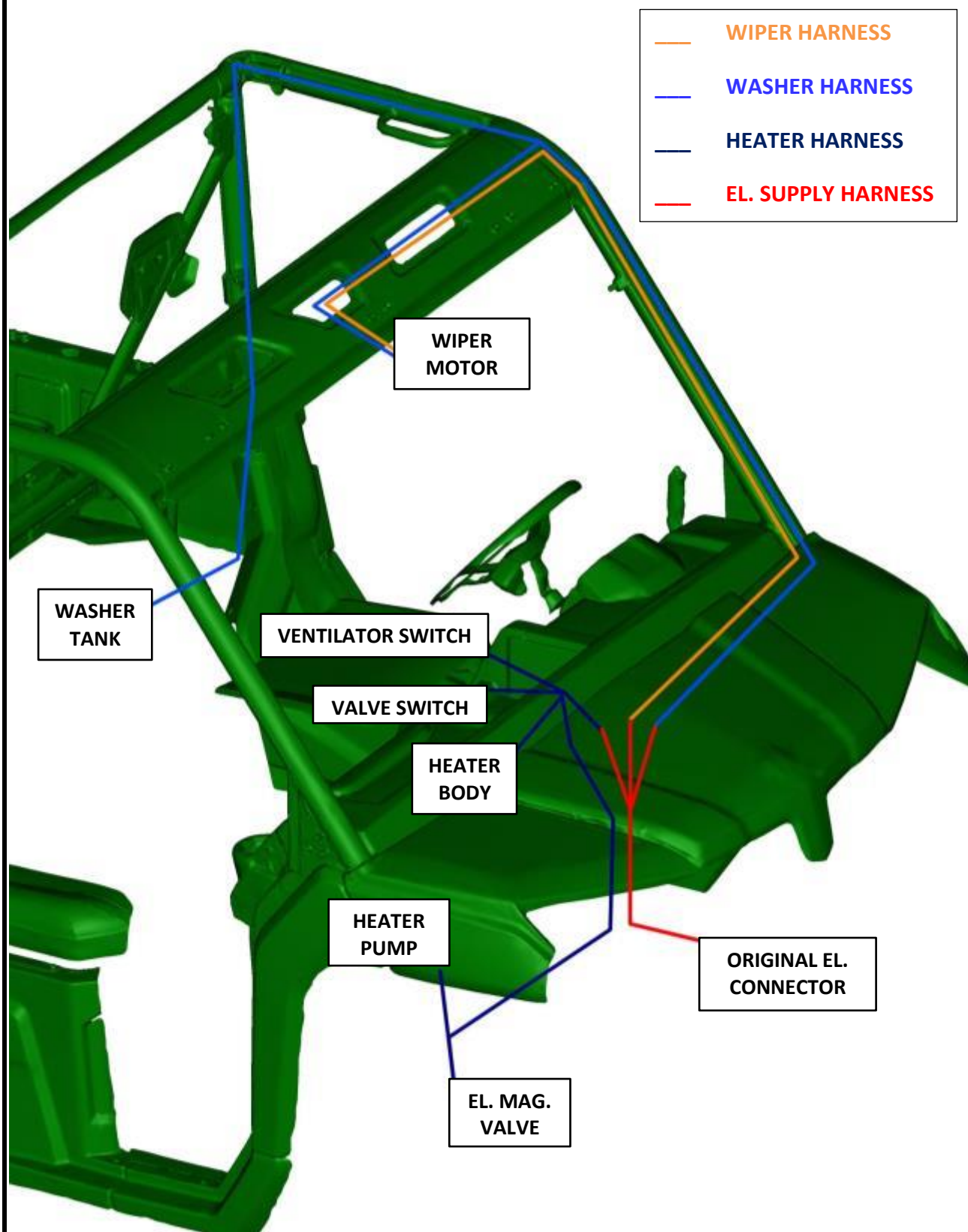
CAB PREVIEW



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ELECTROINSTALLATION

HARNESS SCHEMATIC OVERALL DIAGRAM



WIPER – WASHER 1

Uninstall front central hood.

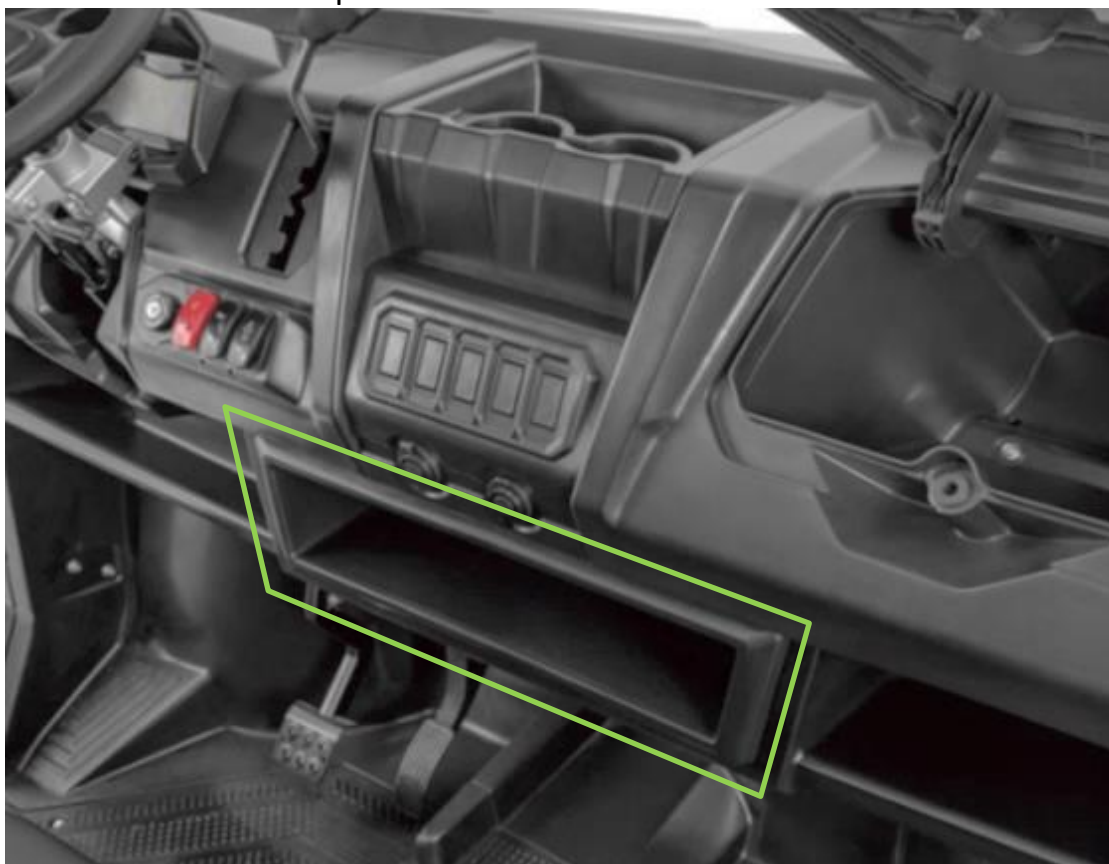


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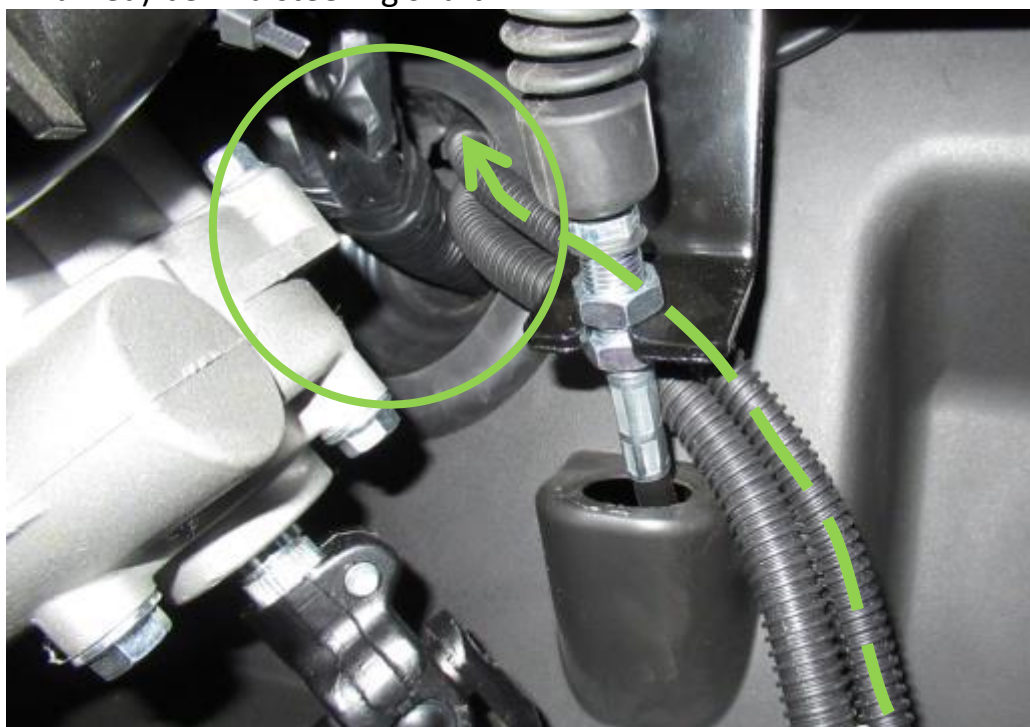
Uninstall front left hood.



Uninstall dashboard compartment.



Place power supply harness under the dashboard compartment. Route the power supply connector to the front right light through el. harness bushing (green marked).behind steering shaft.



Uninstall plastic cover under the front right light.

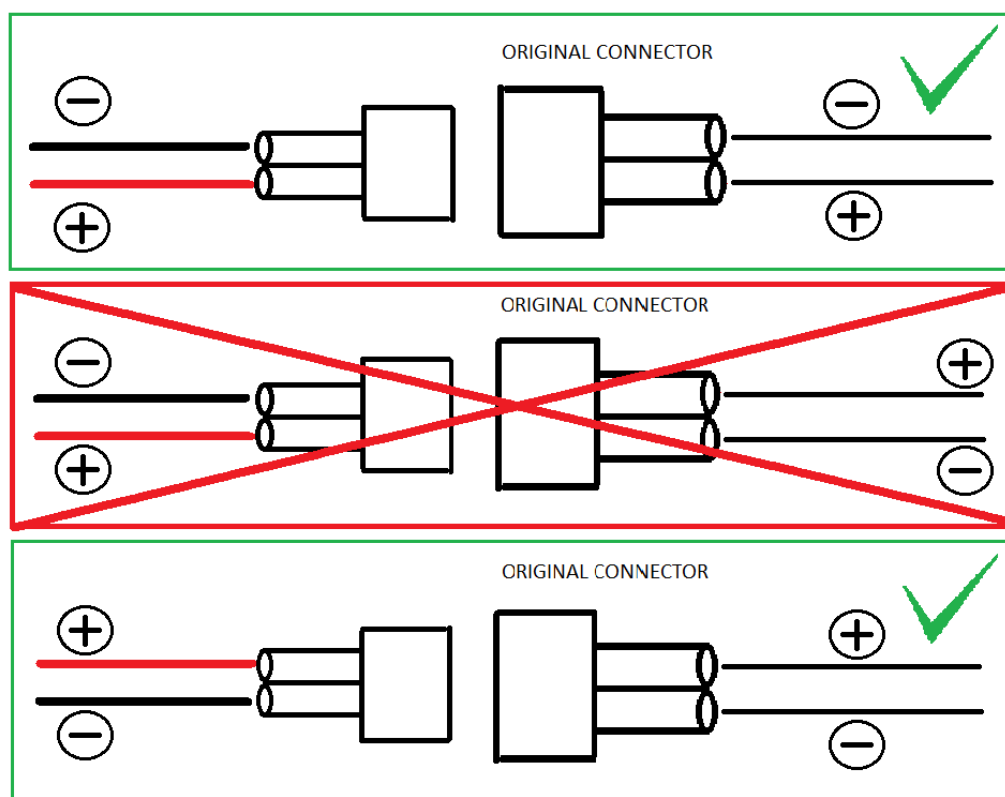


Unmount original power supply connector blank and measure polarity of pins.

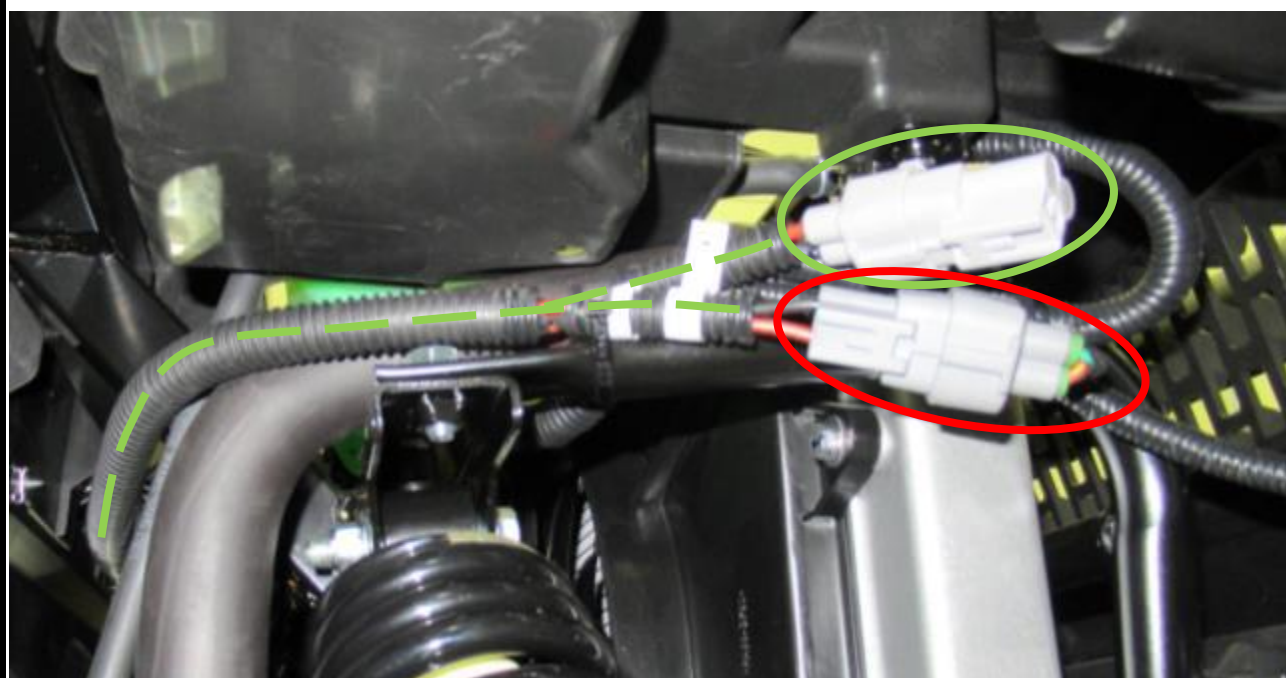


VIEW ONTO THE FRONT
RIGHT LIGHT UNDER THE
PLASTIC COVER FROM
PREVIOUS PICTURE

Install power supply harness pins into the both power supply harness connectors with correct polarity.



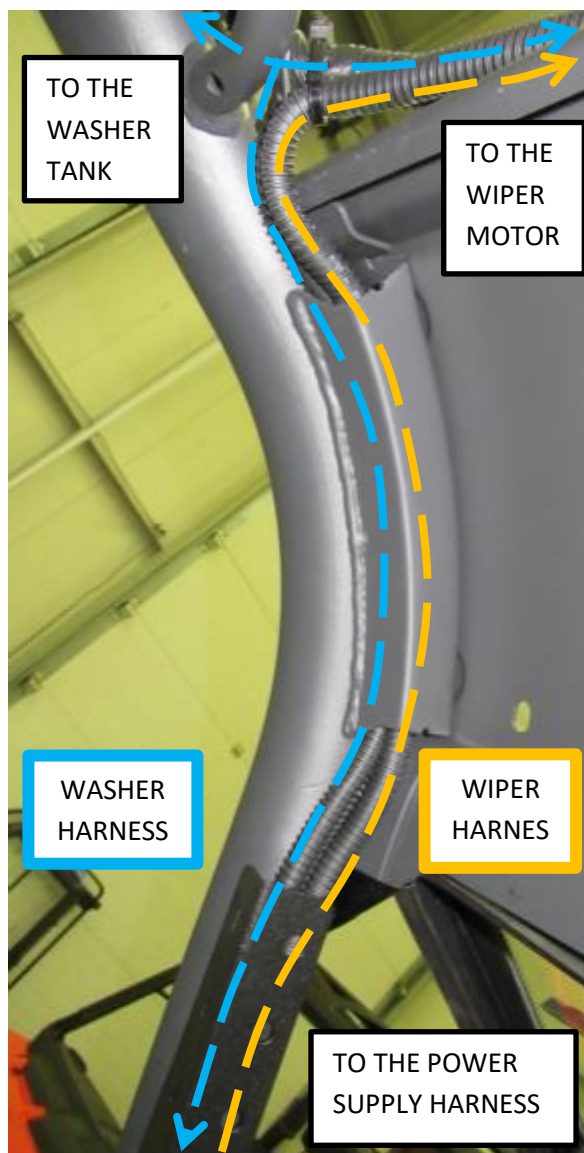
Connect power supply harness connector to the vehicle original power supply connector (red marked). Install connector blank on the other connector (green marked).



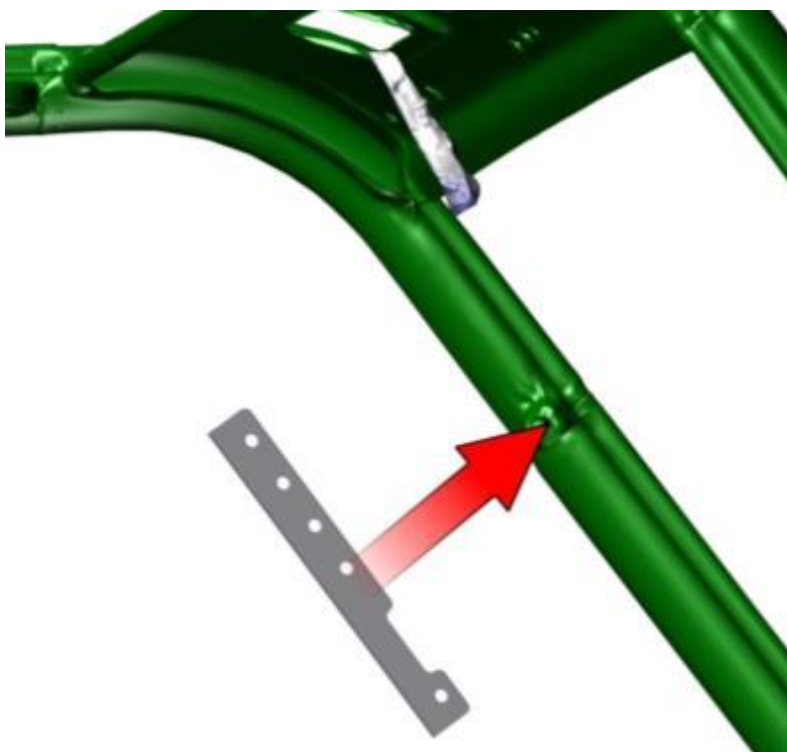
Install washer tank holder onto the vehicle frame by included bolt.



Washer harness routing. See next page.



Place the harness ledge onto the frame and fix by included bolt.



Install washer tank onto the holder. Connect washer harness connector and water hose to the washer tank motor.



Route the wiper and washer harness between vehicle frame and dashboard under the hood.



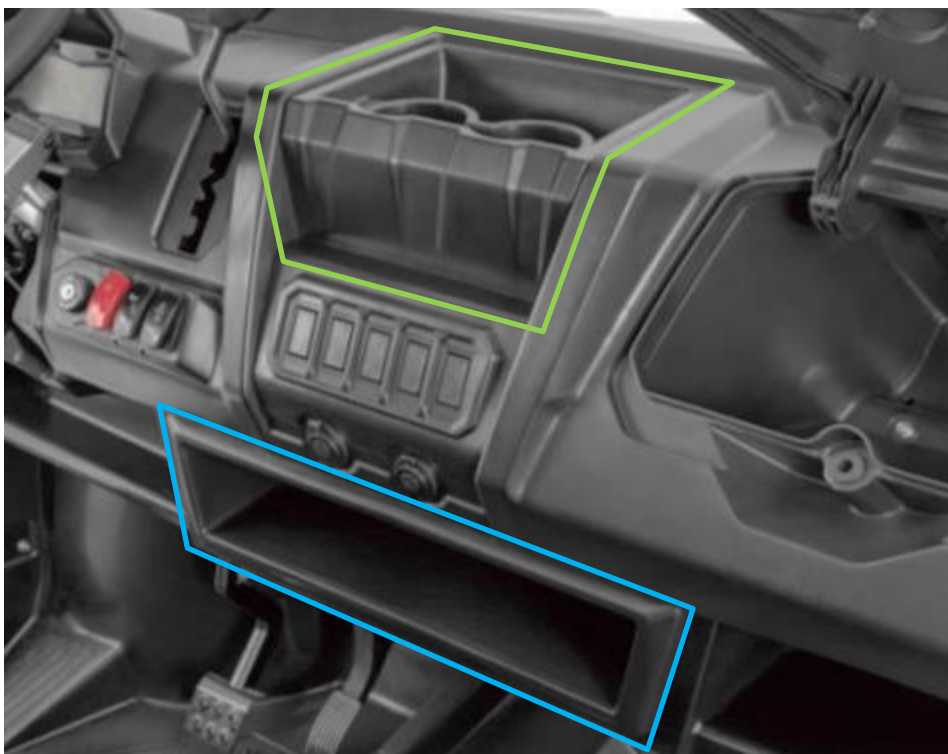
Route the wiper and washer harness to the power supply harness through el. harness bushing and connect to power supply harness.



Proceed at page 27, after installing the front window.

HEATER

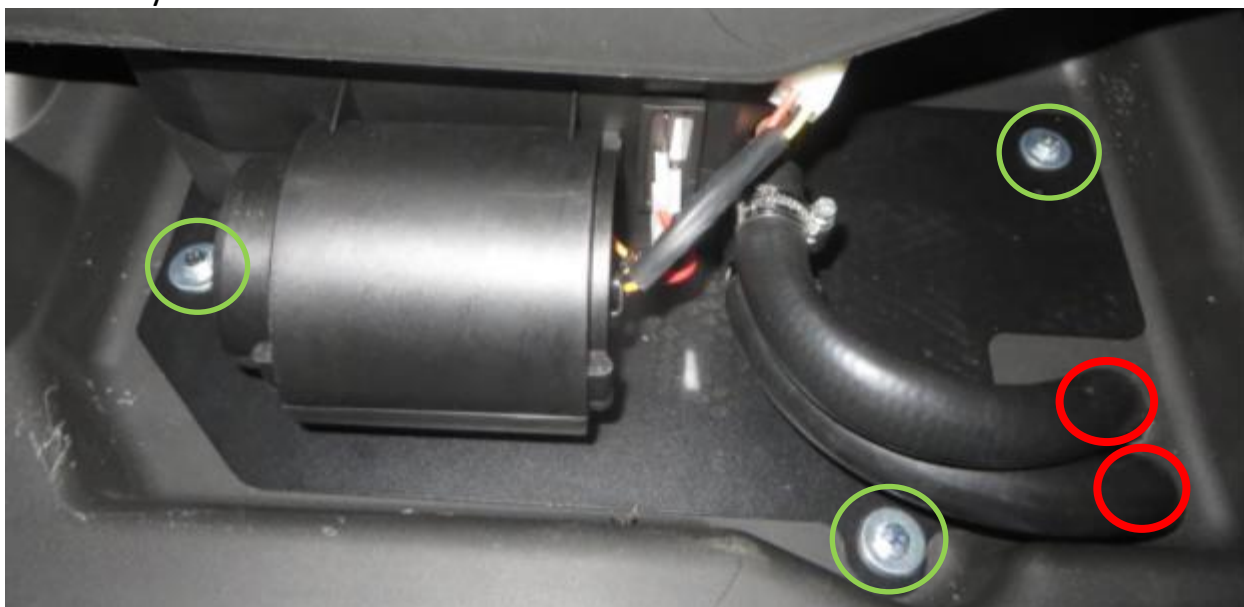
Uninstall green marked drink holder.



Drill 4 holes $\varnothing 55\text{mm}$ (green marked) into the drink space bottom part.



Place the heater holder onto the bottom dashboard part (behind the blue marked dashboard compartment). Mark 3 green marked holes onto the plastic wall and drill holes $\varnothing 6\text{mm}$. Drill 2 red marked holes $\varnothing 25\text{mm}$ for a water hoses. Place the heater assembly onto the dashboard wall and fix by included fixing assembly.



Stretch the air hoses, valve and ventilator switches connectors through the holes under the drink holder.

Place the U holder onto the dashboard. Mark 3 holes onto the walls and drill holes $\varnothing 9\text{mm}$.



Place the U holder back and fix by included plastic rivets.

Connect valve and ventilator switch connectors of heater harness to the switches on the upper cover.

Stretch the air hoses through the cover holes and place it on the U holder.

Cut the air hoses about 10cm from the cover, fix them on the diffusers by tightening straps and insert them into the cover. Fix cover to the U holder by the fixing assembly.



IMPORTANT!**IT IS NECESSARY TO UNMOUT RUBBER COVERS FROM HEATER WATER TUBES!**

Stretch the water hoses through green marked holes. Place the tightening straps on the hoses, insert the hoses on the heater tubes and tighten straps.



Connect the heater harness to the heater (red marked).

Stretch the el. mag. valve harness branch through el. harness bushing and connect to the water pump harness. Connect el. harness to the water pump and el. mag. valve. It is strongly recommended to isolate connection on the el. mag. valve by isolating tape or similar system of isolation.

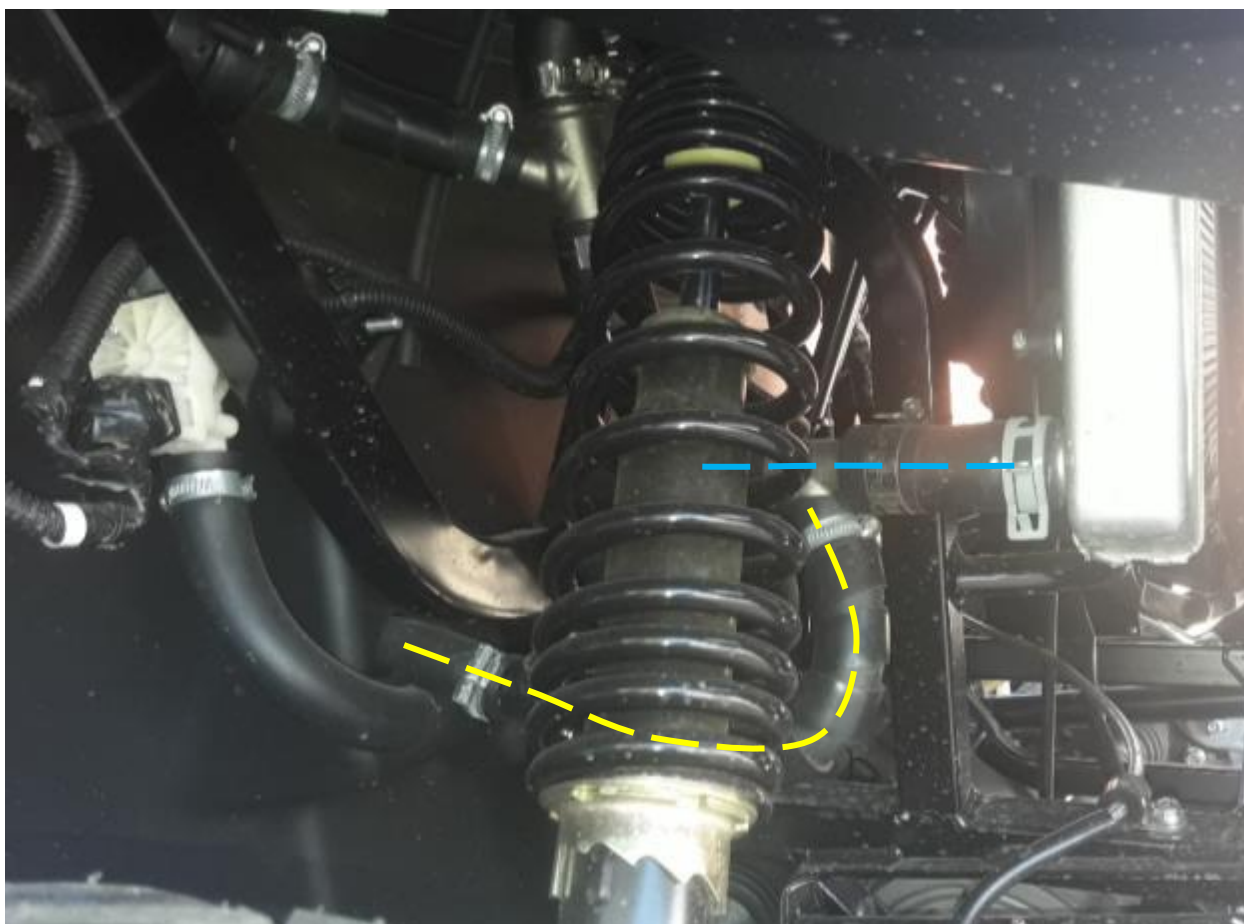
Secure the vertical original hose (red line) by clamps. Cut the original hose and insert the „Y“ tube fitting connected with pump heater hose (green line). Tighten the straps hard.

It is very important to install tube fitting in correct orientation.



Secure the horizontal original hose (blue line) by clamps. Cut the original hose and insert the tightening straps. Insert the „Y“ tube fitting connected with air bleeding valve hose (yellow line). Tighten the straps hard.

It is very important to install tube in correct orientation.



Connect the heater harness with the supply harness.

BLEEDING INSTRUCTIONS

- After installing the heater circuit, open the radiator and coolant reservoir of the vehicle. Fill coolant up to the MAX line in a both coolant reservoirs.
- 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 idle RPM until a continuous stream of air-free fluid flows out.



- 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.

FRONT PANEL

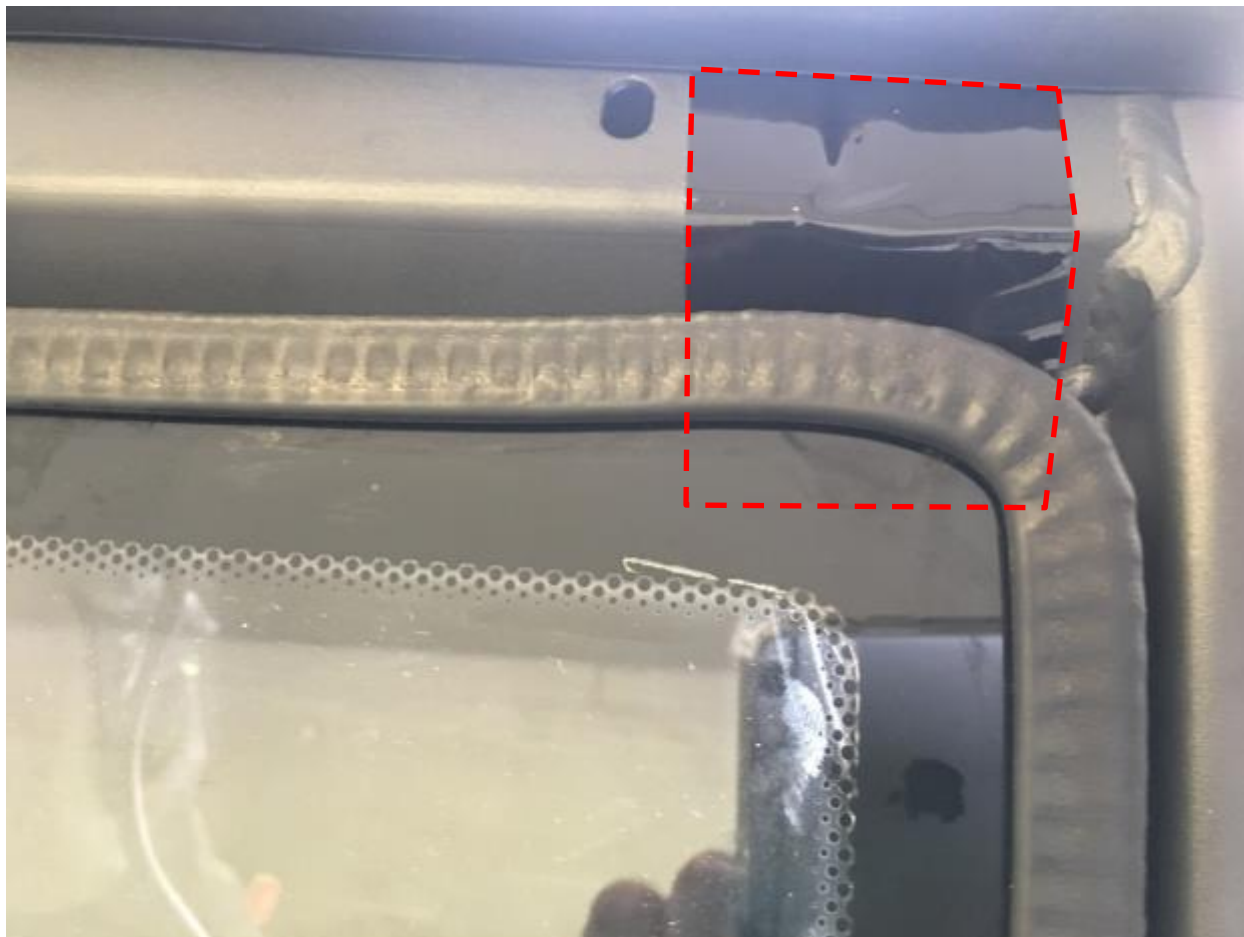
Prepare the front panel sealing stickers for application.



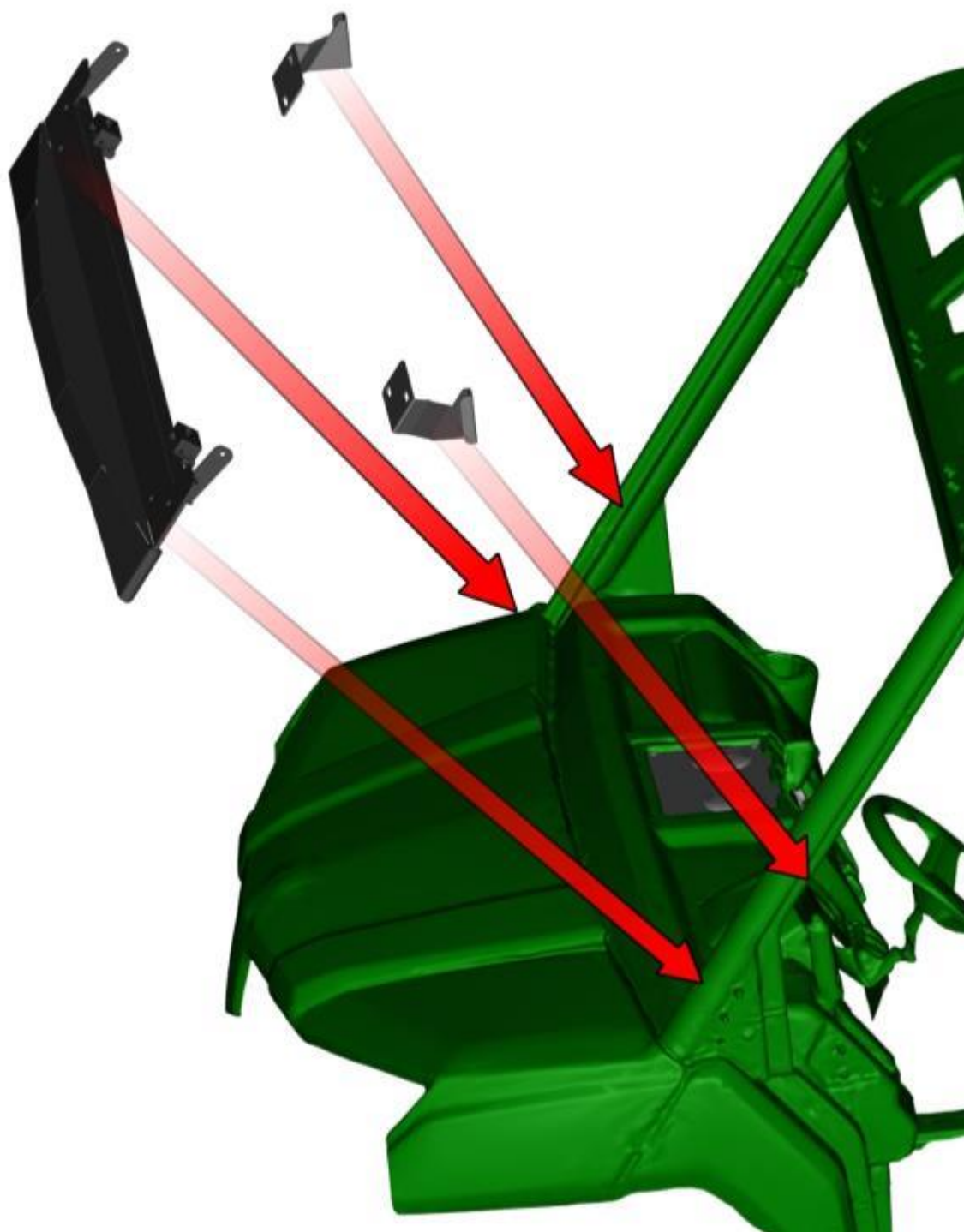
Degrease the surface of the vehicle frame where the sealing sticker will be affixed. Stick the sealing sticker on the vehicle frame as shown below.



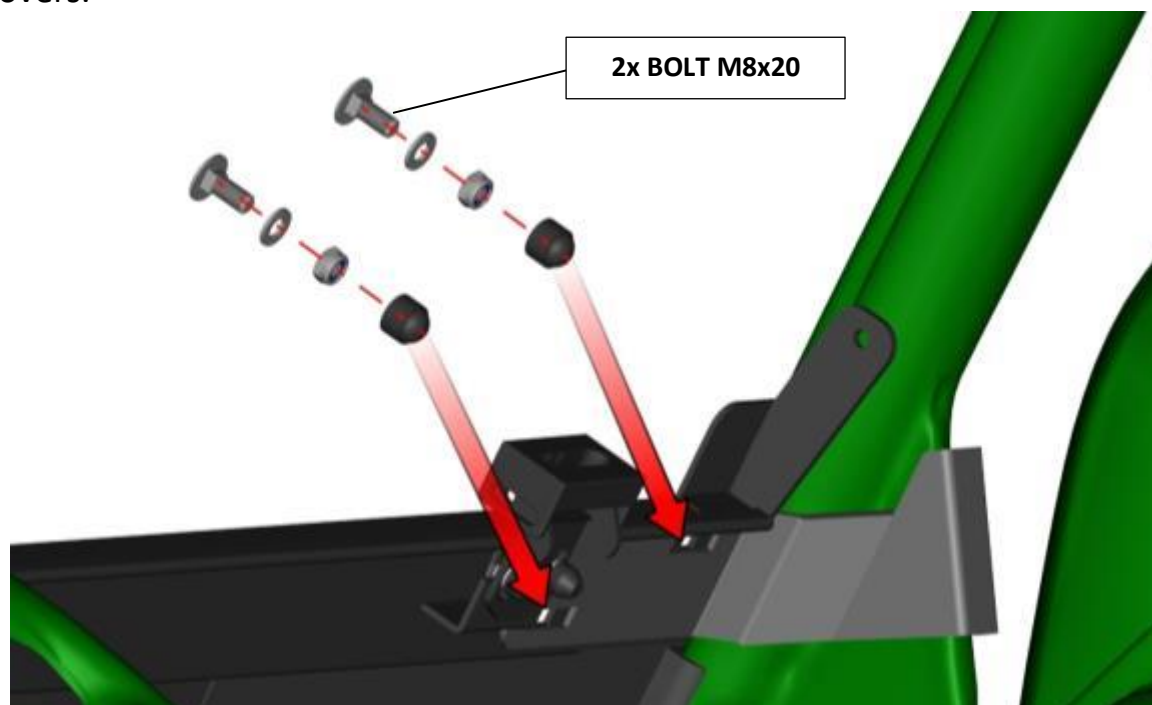
Degrease the surface of the vehicle frame where the sealing sticker will be affixed. Stick the sealing sticker on the vehicle frame on the other side as shown below.



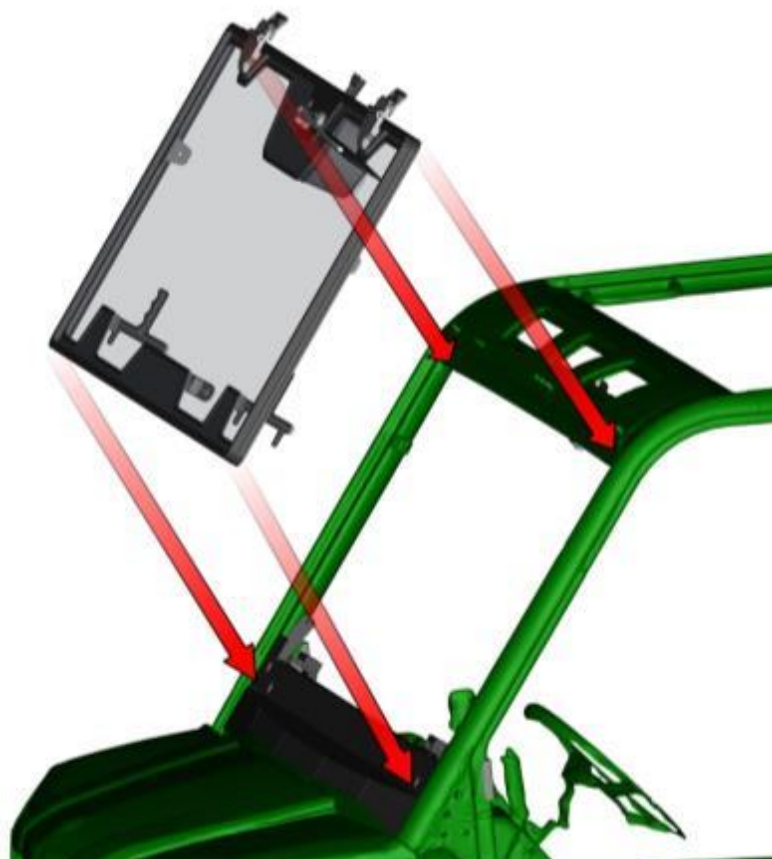
Place the front ledge onto the vehicle dashboard. Place the front holders onto the frame and onto the front ledge.



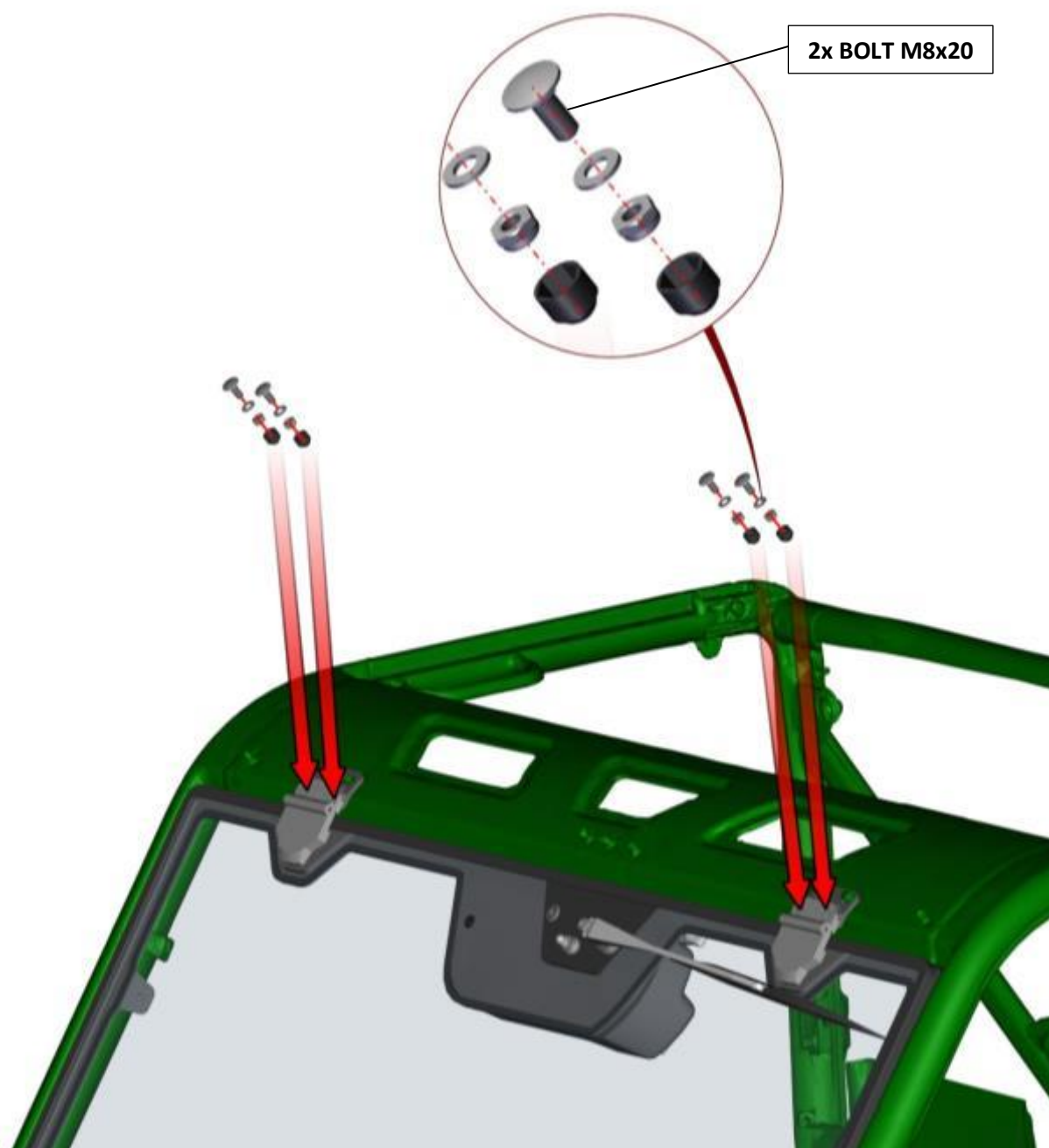
Fix the ledge with the holder to the frame by included bolts, washers, nuts and covers.



Place the front window assembly onto the vehicle frame and onto the front ledge.

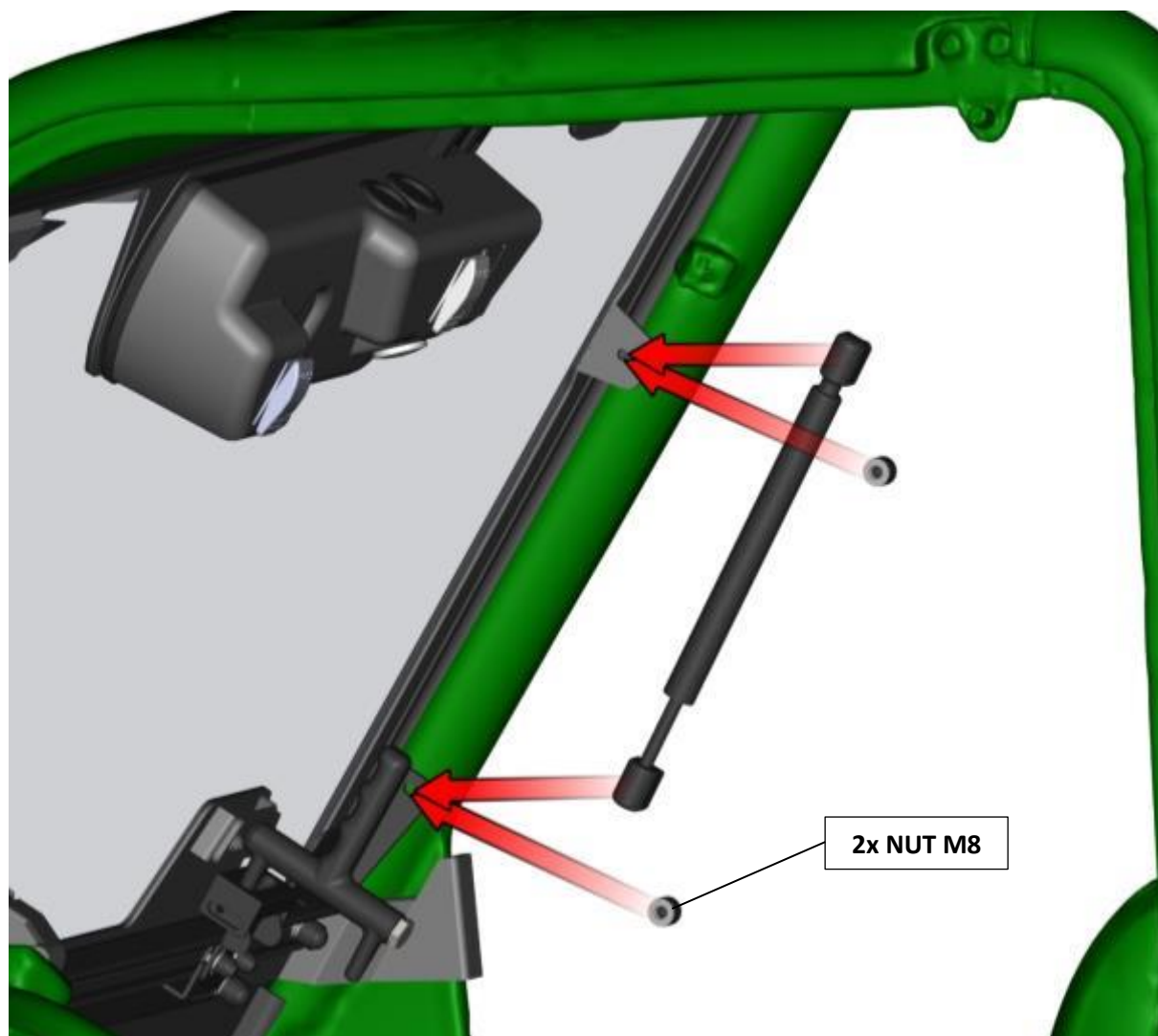


Fix the front assembly hinge with the vehicle frame by included bolts, washers, nuts and covers.



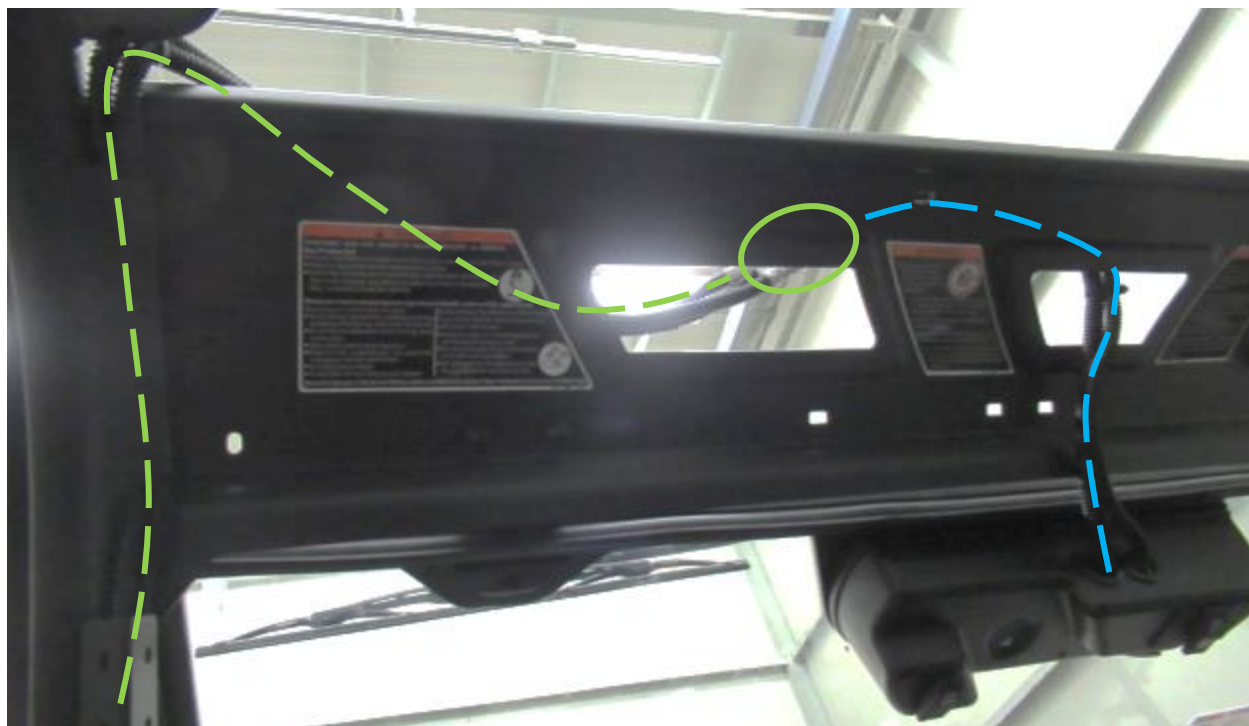
Install front gas spring into the gas spring holders and fix the gas spring by included nut, washer and cover. Repeat step on the other side.

It is necessary to install gas spring in same orientation as on the picture.



WIPER – WASHER 2

Run the wiper harness and the washer harness to the wiper motor and connect with wiper assembly harness.

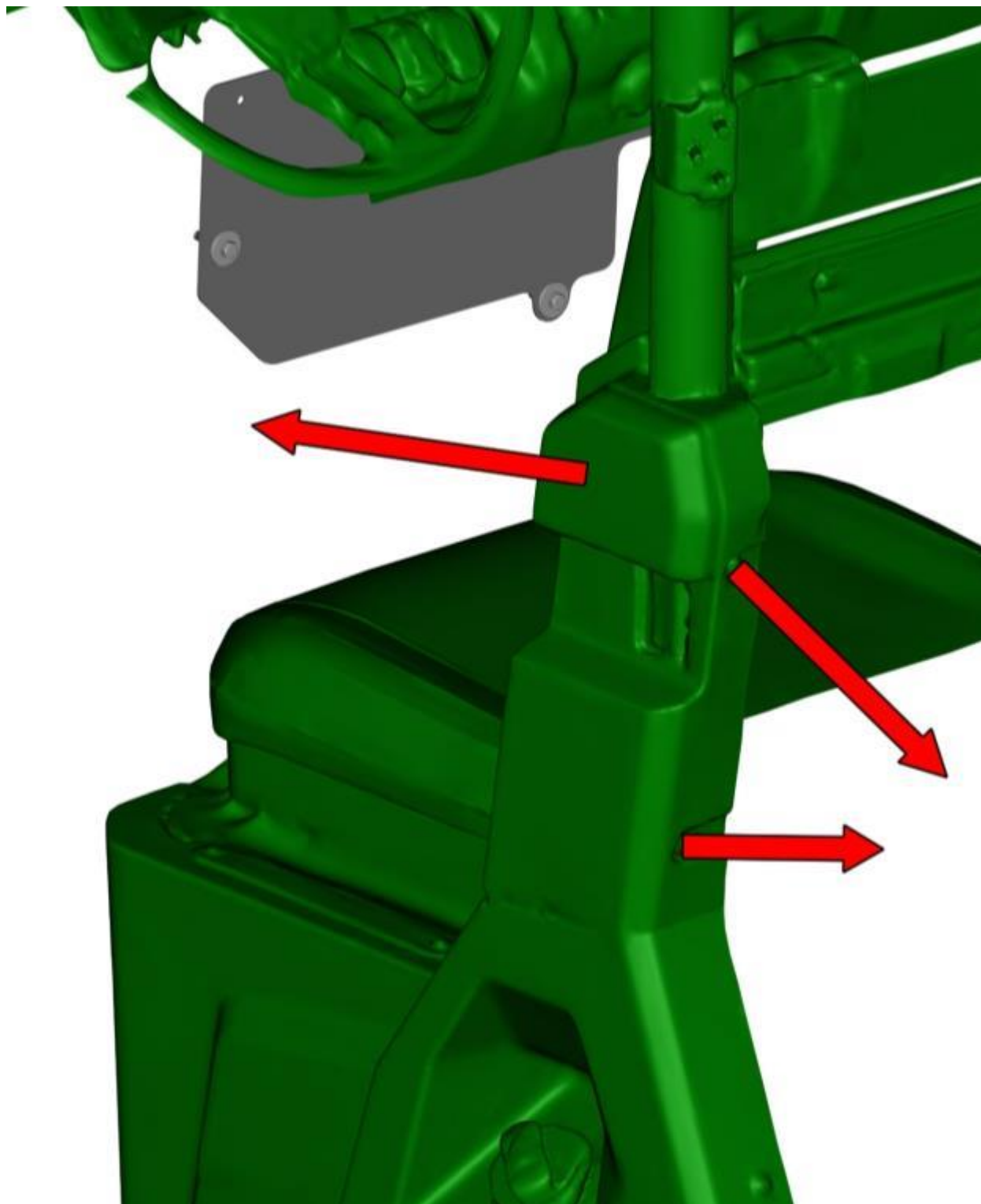


Install inner mirror back to position.



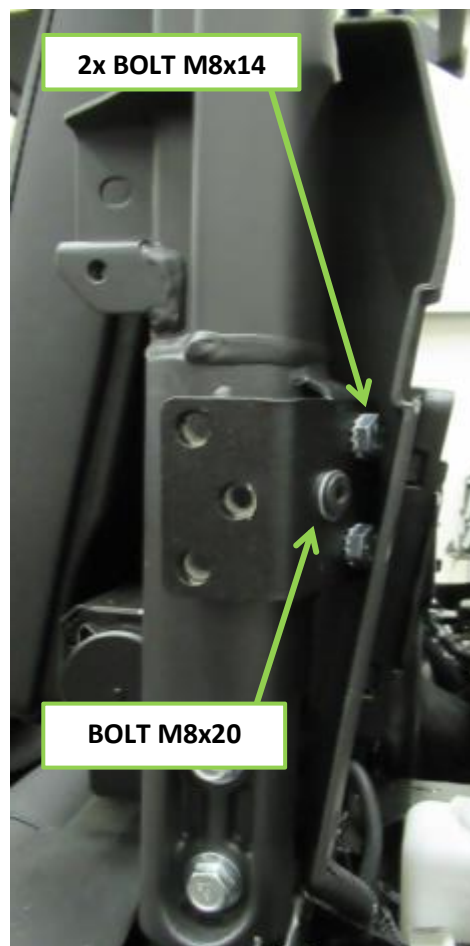
LEFT + RIGHT DOOR 1.

Uninstall rear bottom original plastic cover (small cover, bolt, plastic rivets, and large cover). See next page.

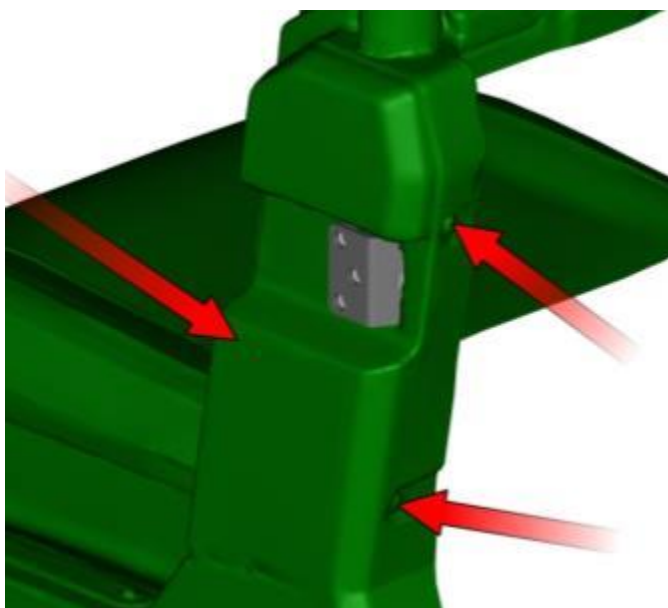


View onto the vehicle without the cover. (Left picture)

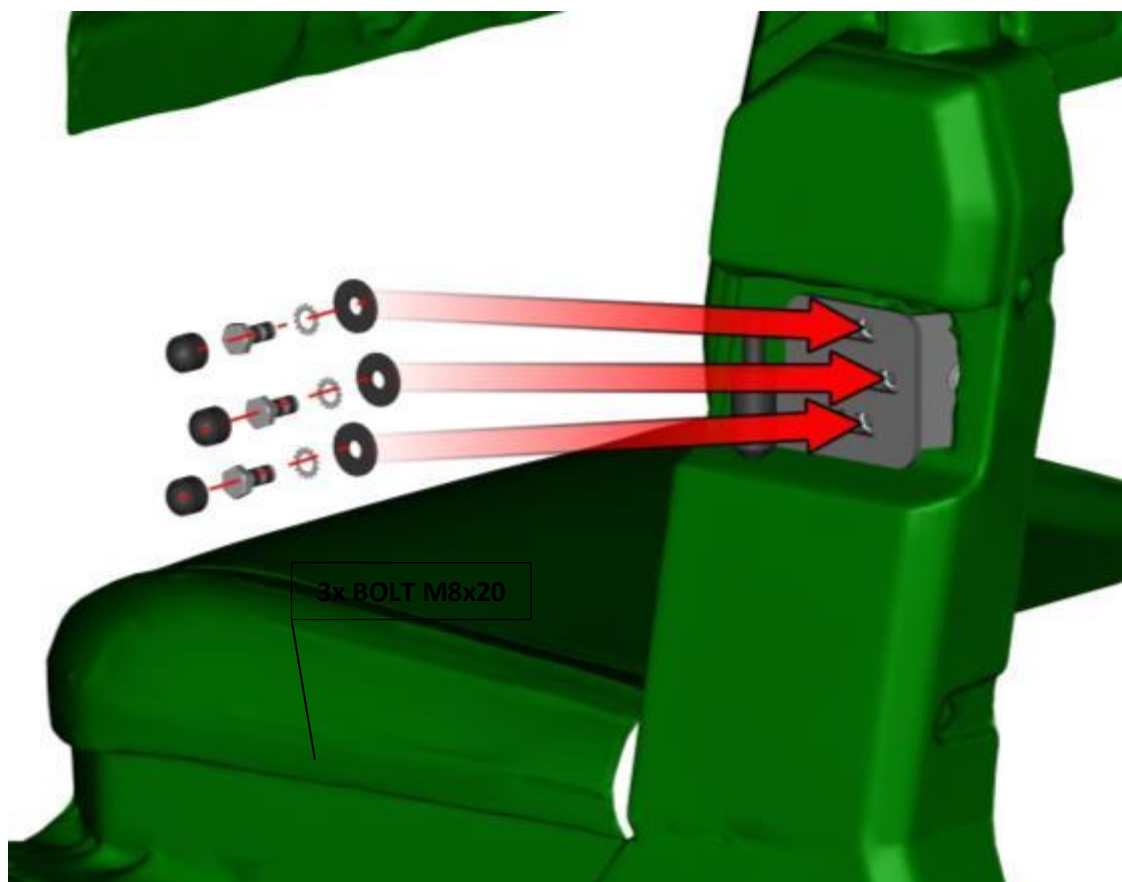
Place the left bottom hinge base onto the vehicle frame and fix by included bolts, washers and covers. (Right picture)



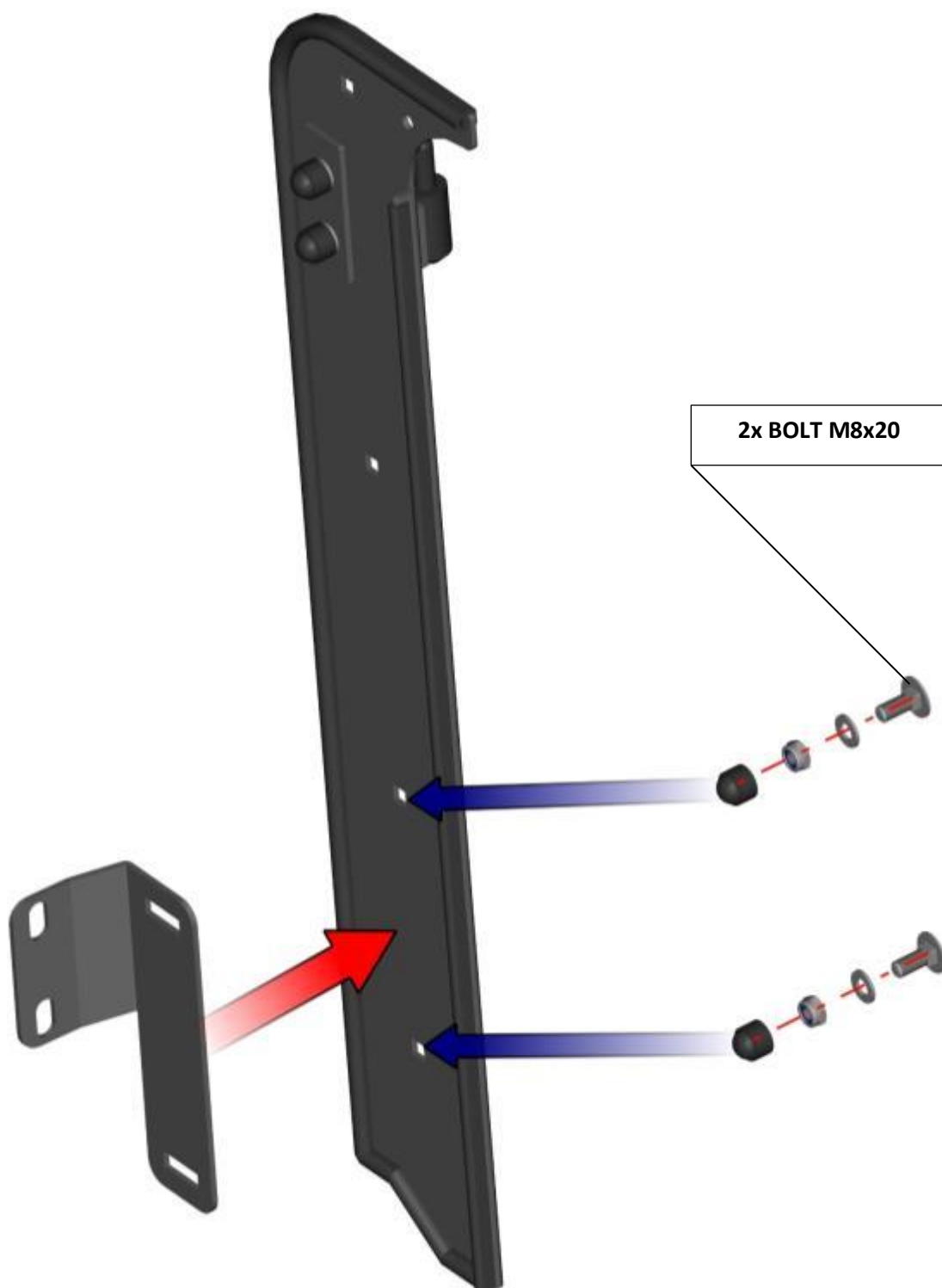
Install large plastic cover, bolt and plastic rivets back to vehicle.



Place the left hinge onto the hinges base and fix by included bolts, washers and covers.



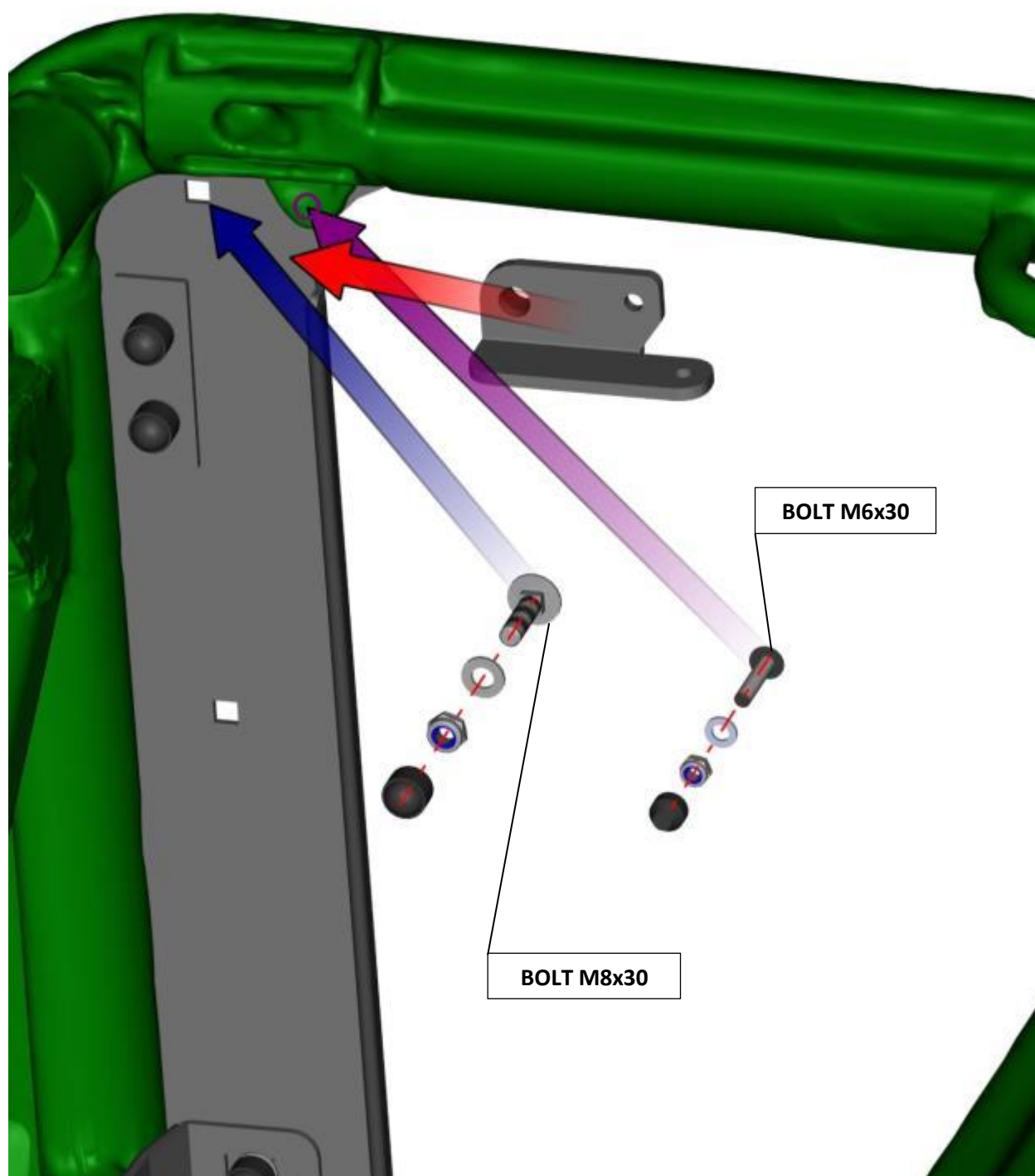
Place the left bottom base holder onto the left base. Fix the holder with the base by included bolts, washers, nuts and covers.



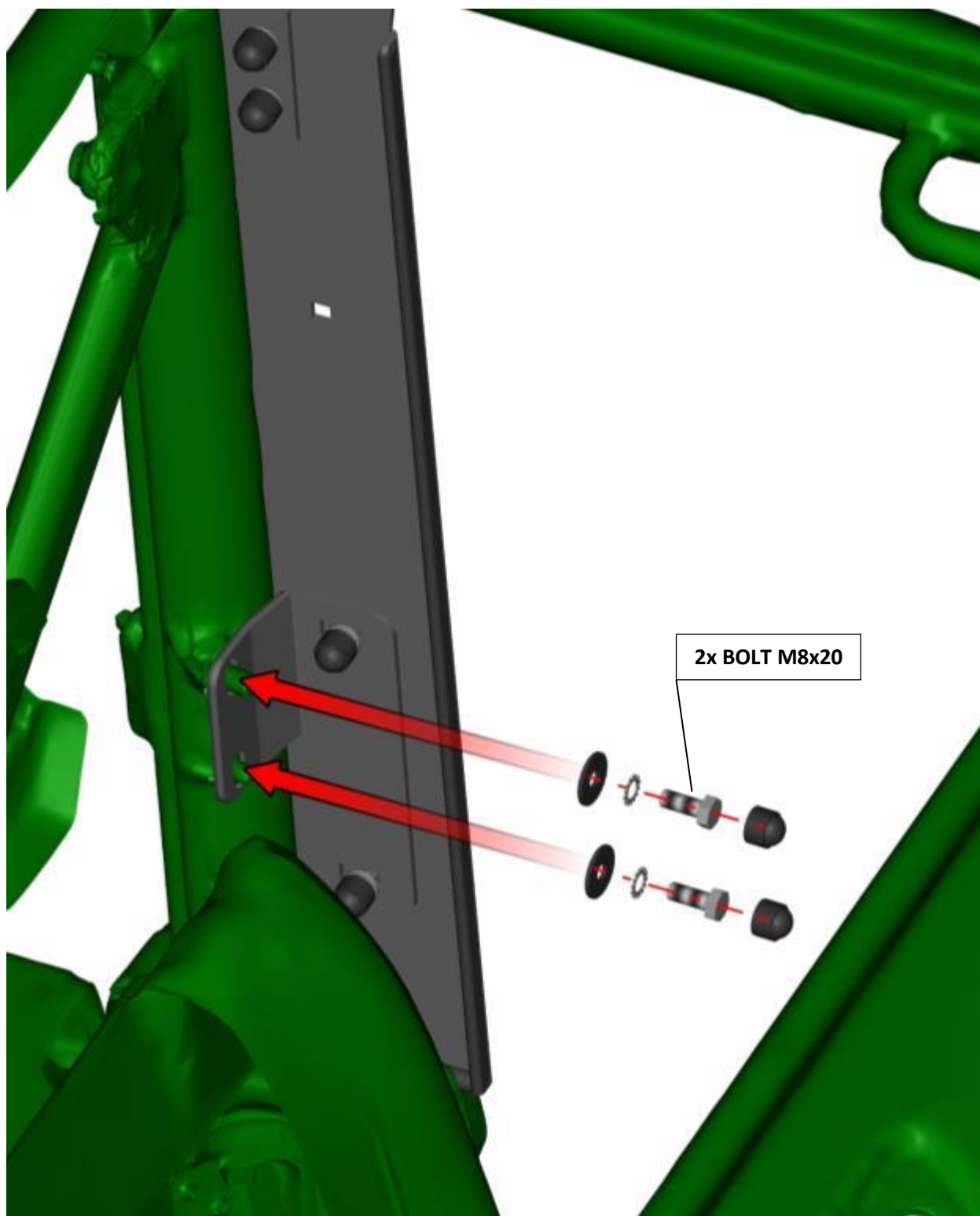
Place the upper base holder onto the base and onto the vehicle frame.

Fix the holder with the base to the frame by included bolt, washer, nut and cover, use original fixing point (violet mark).

Fix the holder with the base by included bolt, washer, nut and cover.

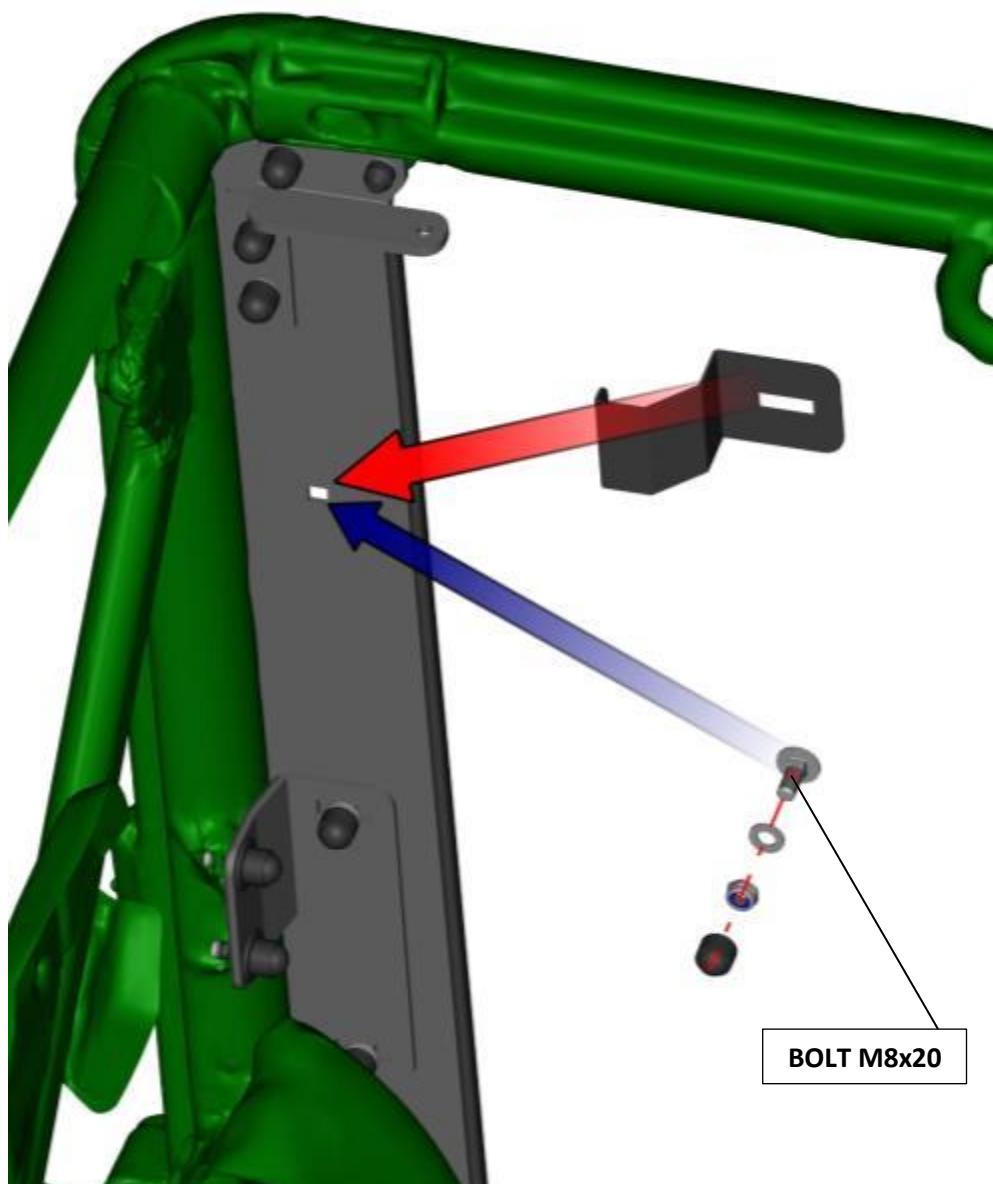


Fix the bottom base holder with the vehicle frame by included bolts, washers and covers.

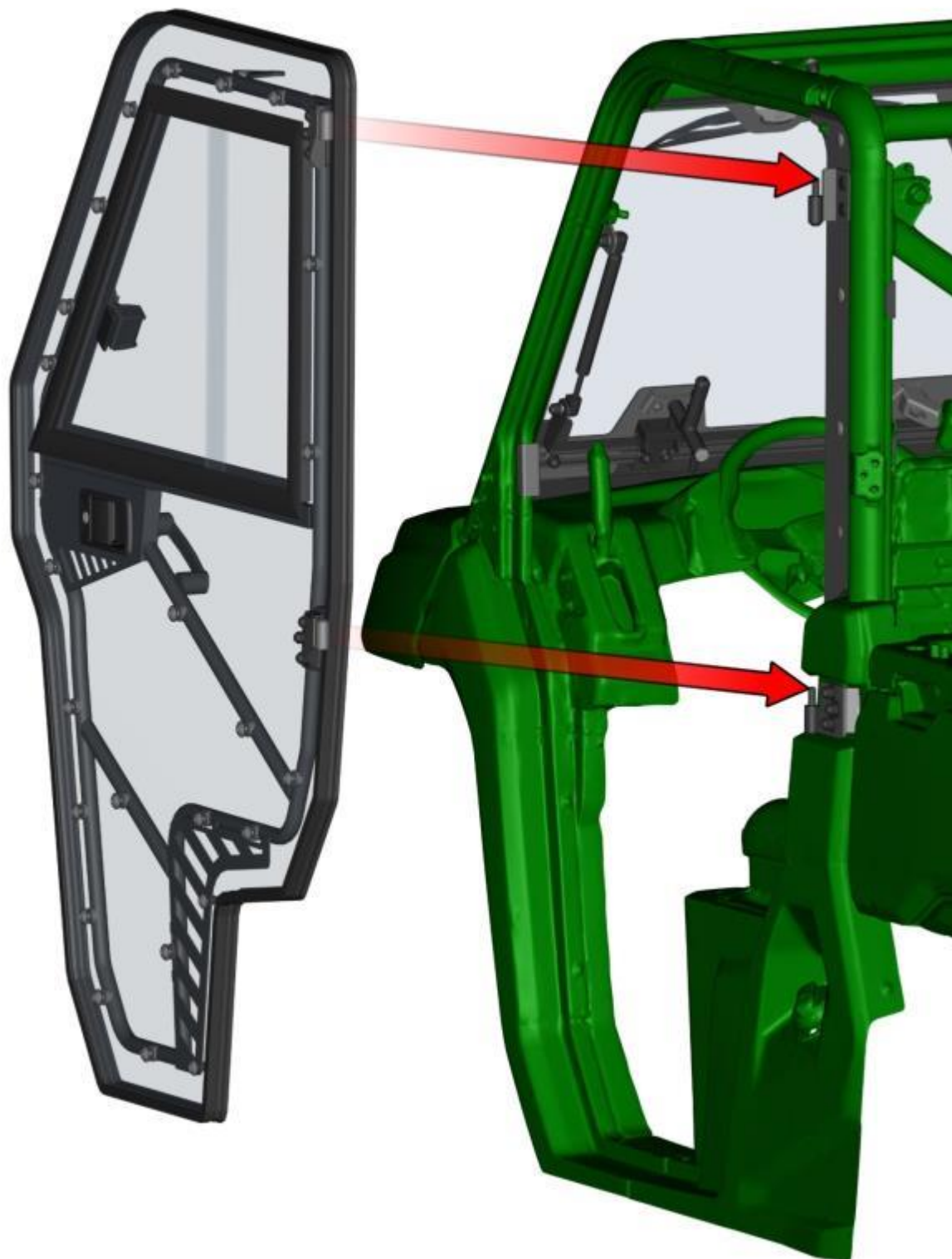


Place the base upper holder onto the base and onto the vehicle frame.

Fix the holder with the base to the frame by included bolt, washer, nut and cover.

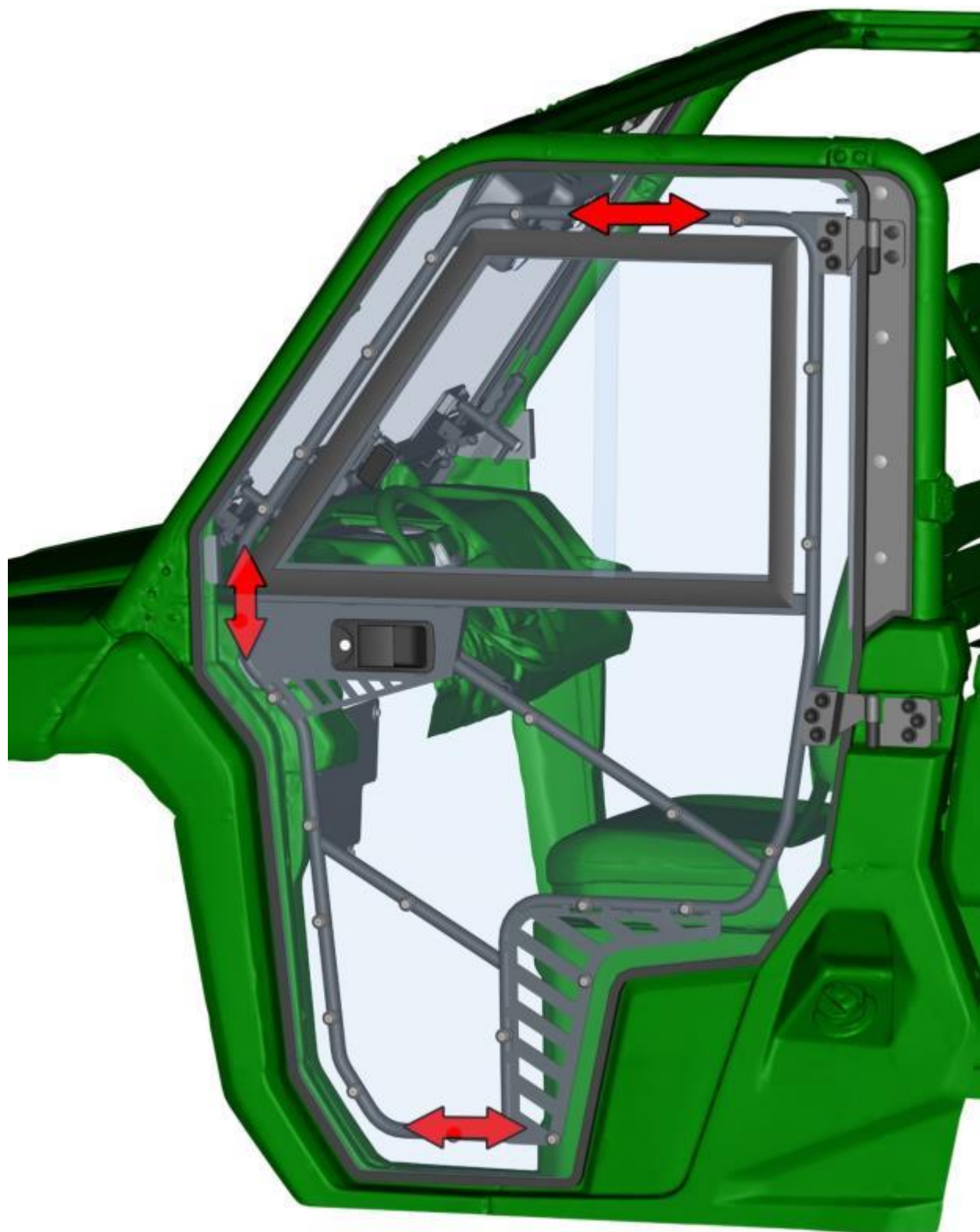


Lubricate the hinges pins and place the left door assembly onto the door hinges.



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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.



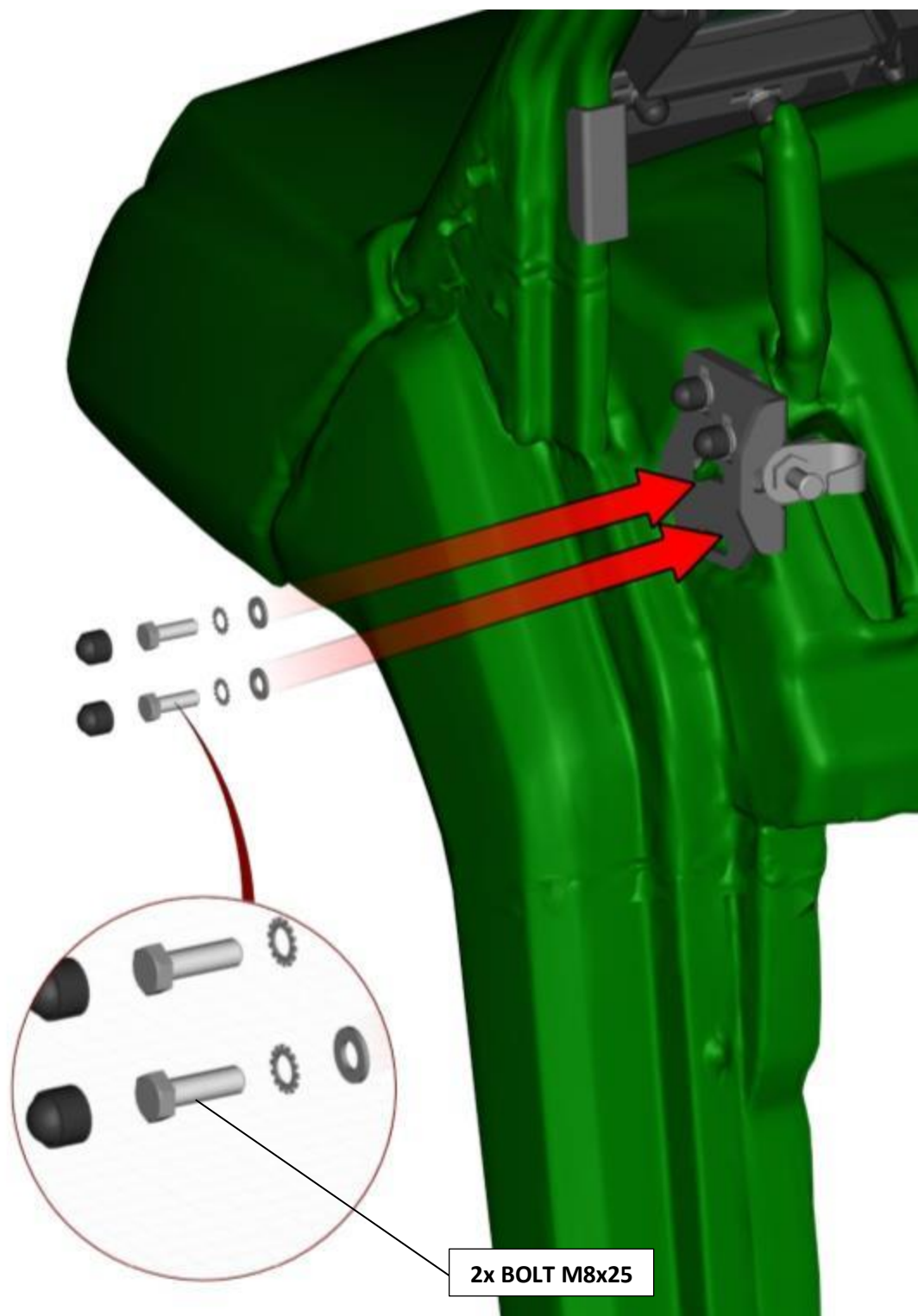
Place small cover back onto vehicle.



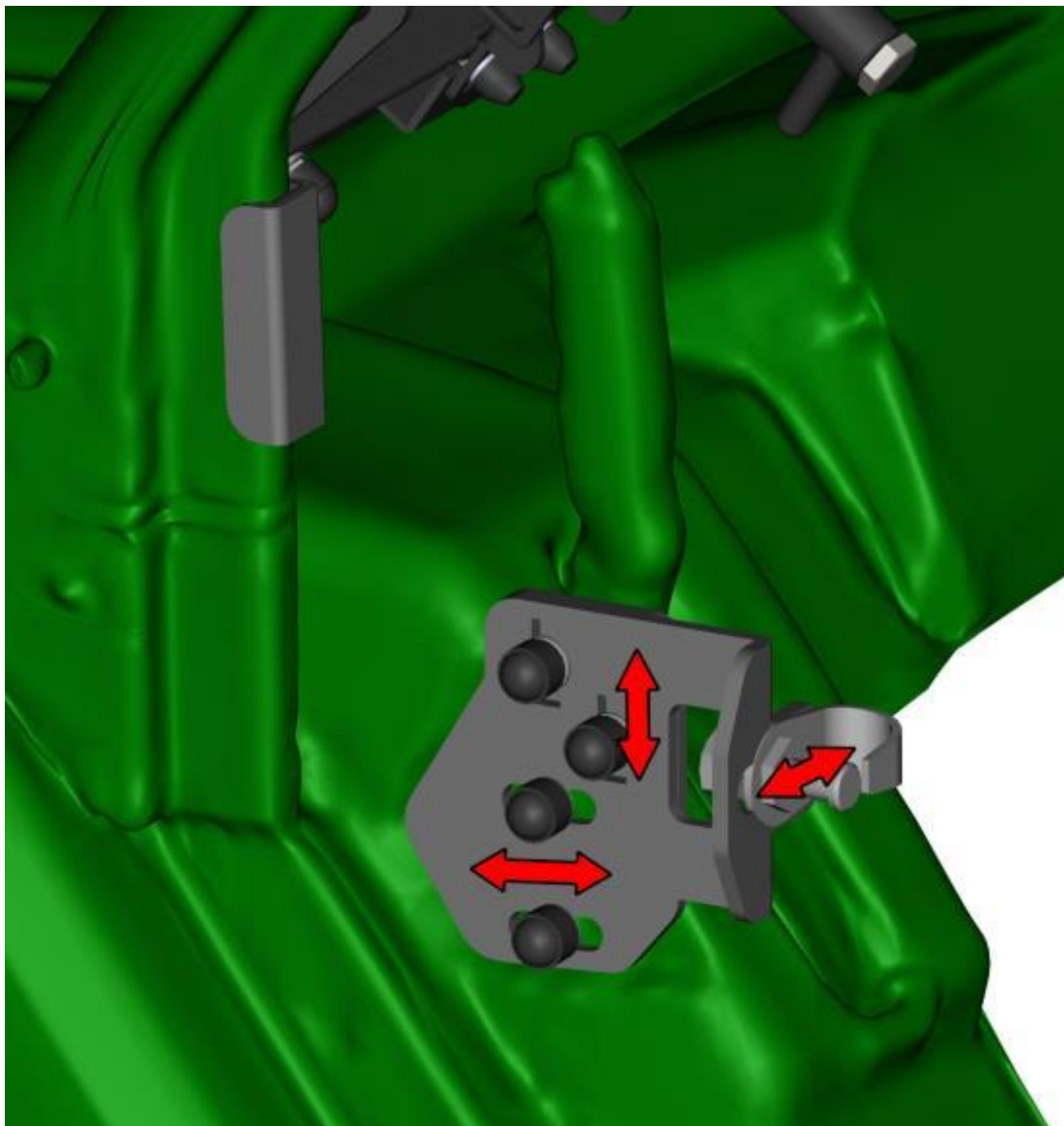
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Place the left door stop assembly onto the vehicle frame and fix it with included screws, washers and covers.

Fix the door stop assembly with the vehicle by original fixing points and included bolts and washers.

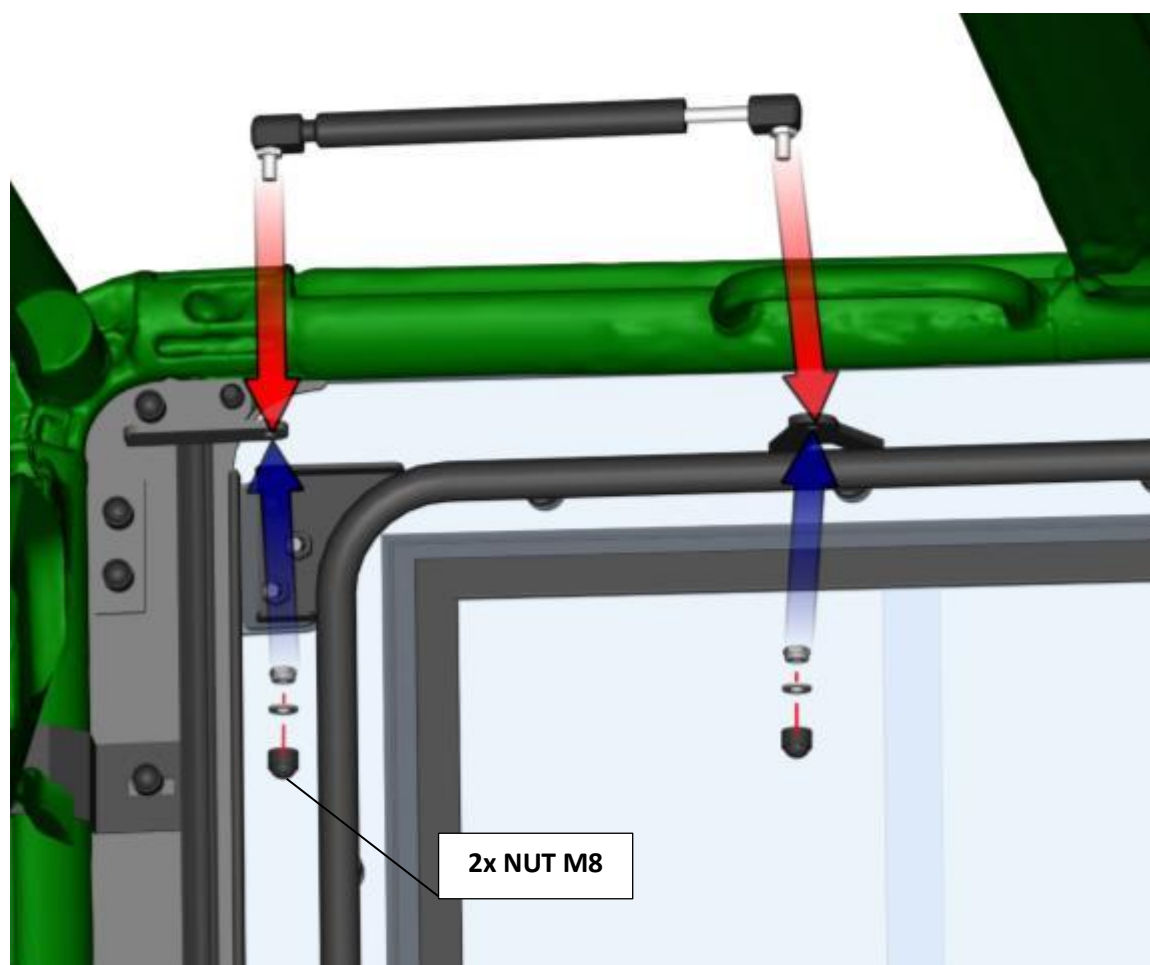


Adjust the door stop holder and door stop pin to the best position with the door. If you adjusted door pin correctly, you can hear two clear metallic clicks when you close door slowly.



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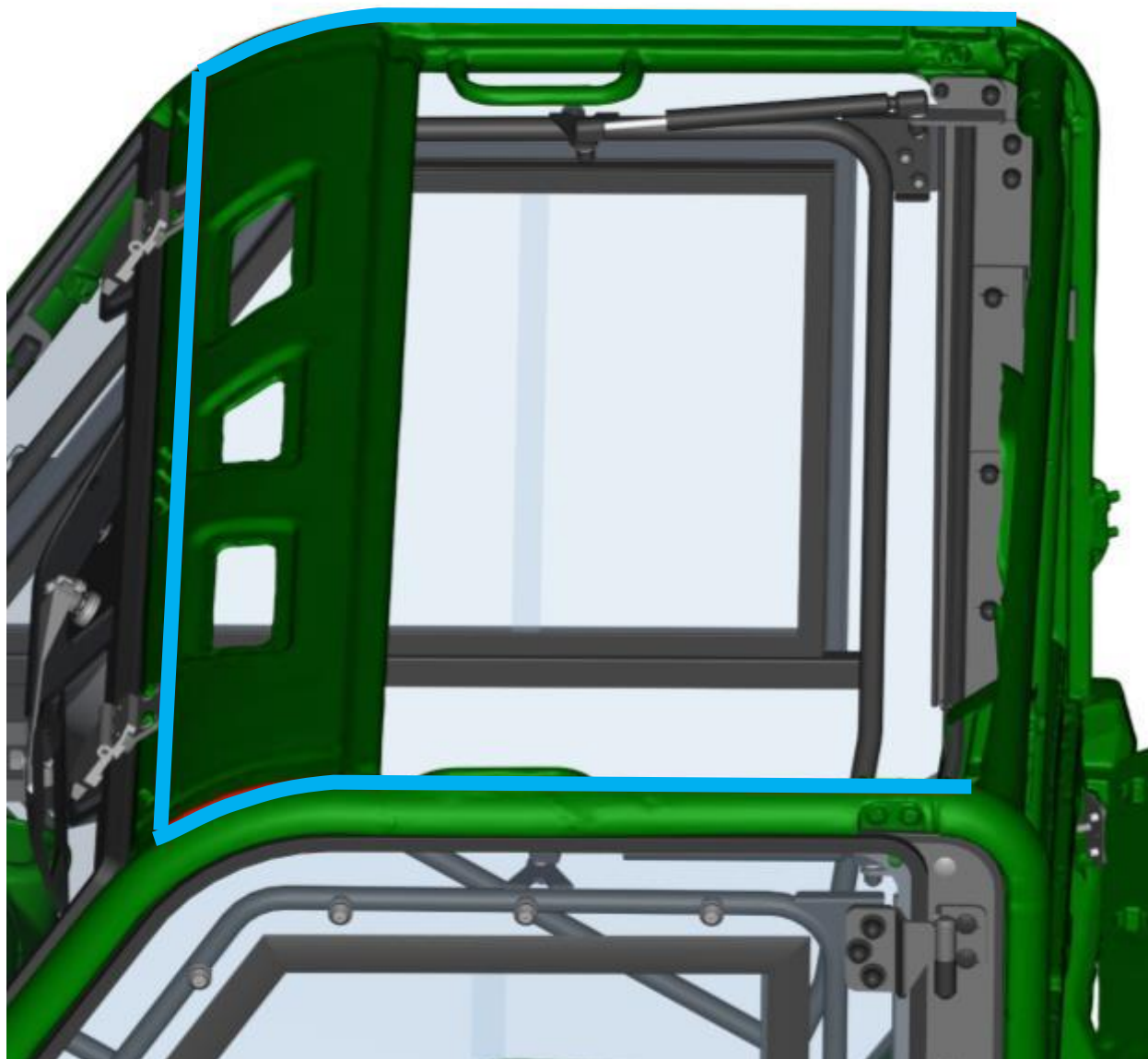
Install gas spring onto the gas spring holder and fix gas spring pin by included nuts, washers and covers.



Repeat previous steps on the vehicle right side with the right door assemblies.

ROOF

Degrease the surface of the vehicle frame where the sealing will be affixed.
(blue line)



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Stick the self glutes sealing Apolo on the vehicle frame as shown below. Cut the seal to the required length.



Apolo sealing profile.



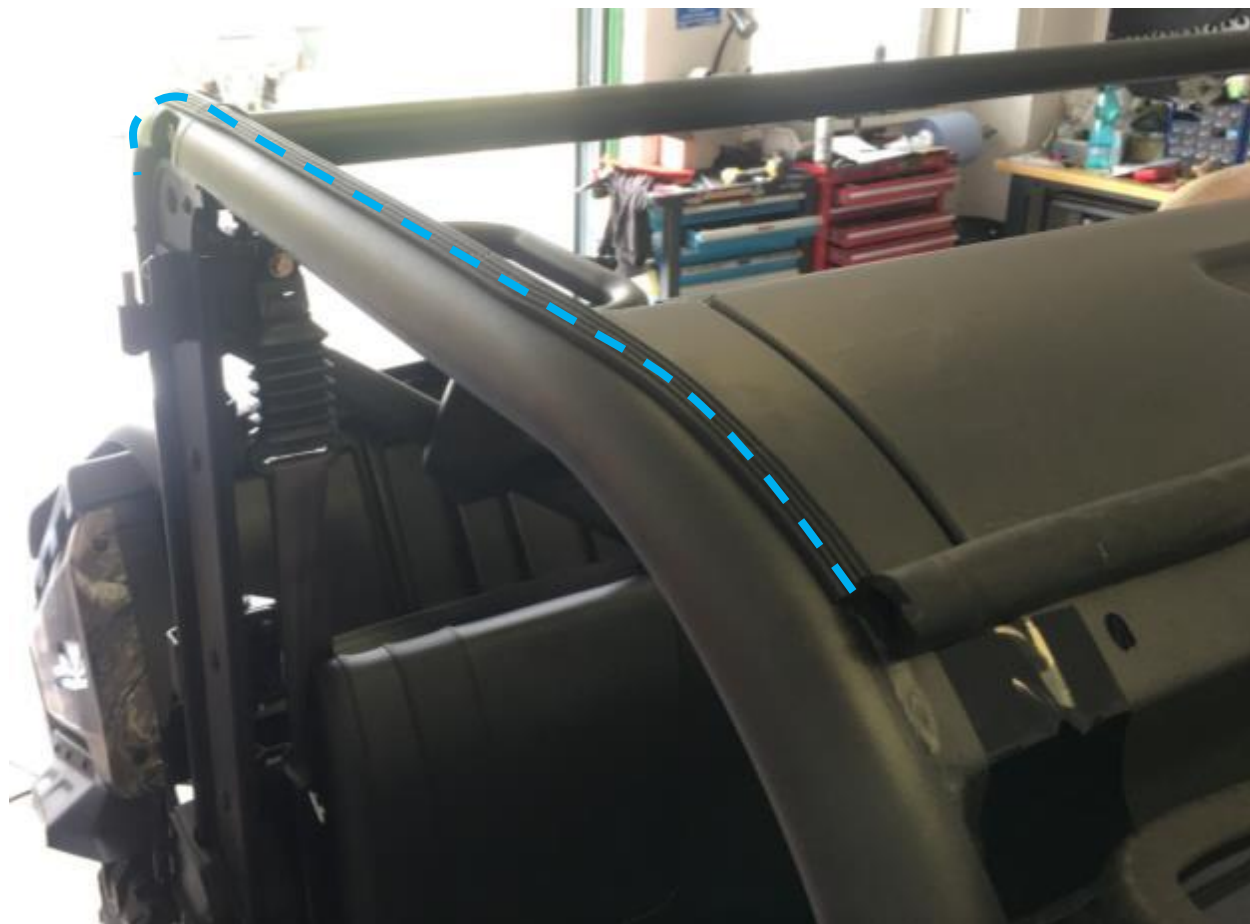
Stick the self glutes sealing KR on the vehicle frame as shown below. Cut the seal to the required length.



KR sealing profile.



Stick the self glues sealing KR on the other side of the vehicle frame as shown below. Cut the seal to the required length.



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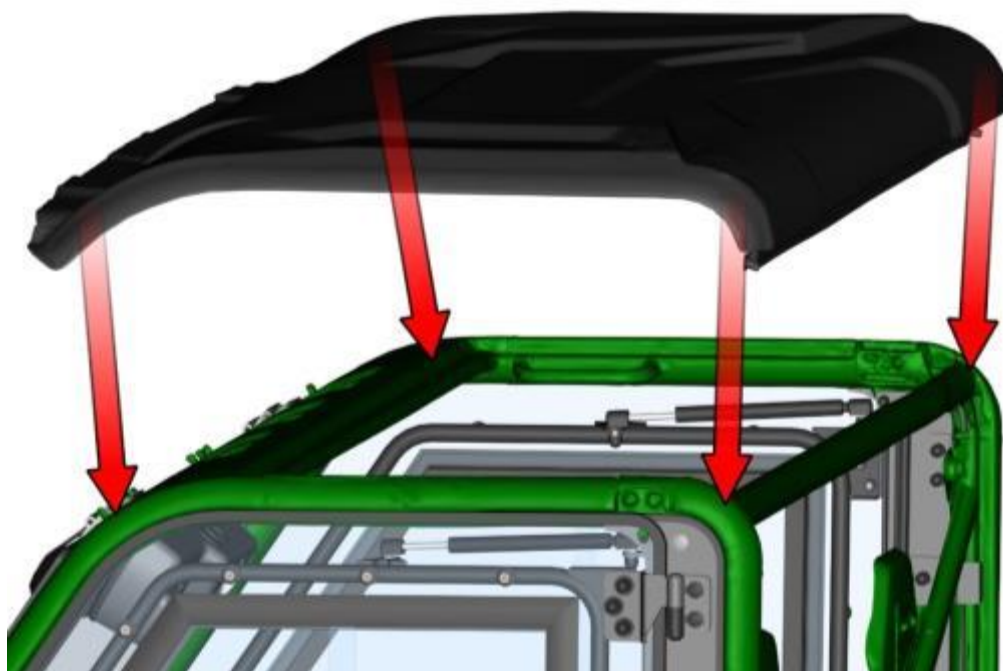
Degrease the surface of the vehicle frame where the sealing sticker will be affixed. Stick the sealing sticker on the vehicle frame as shown below.



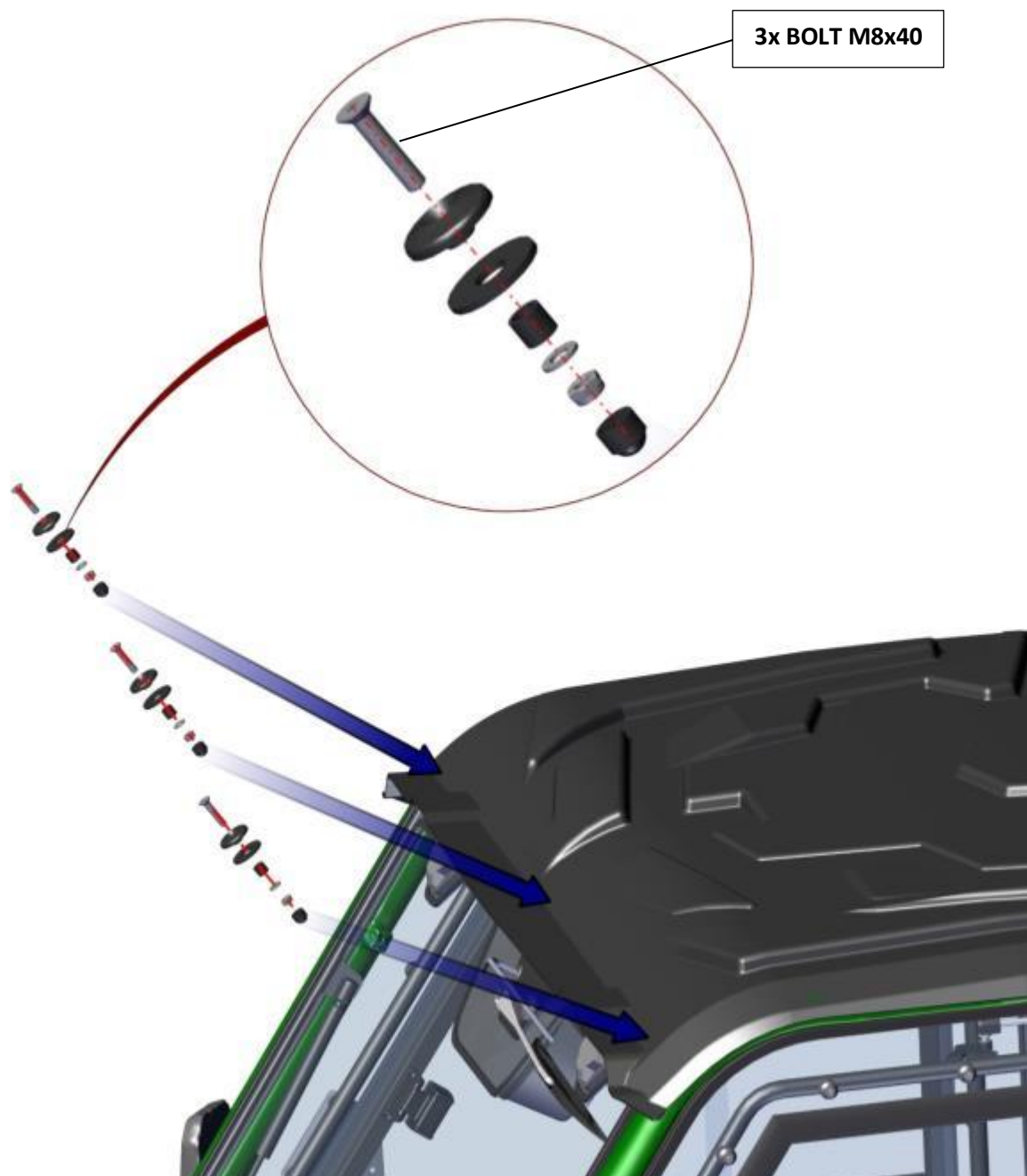
Degrease the surface of the vehicle frame where the sealing sticker will be affixed. Stick the sealing sticker on the vehicle frame on the other side as shown below.



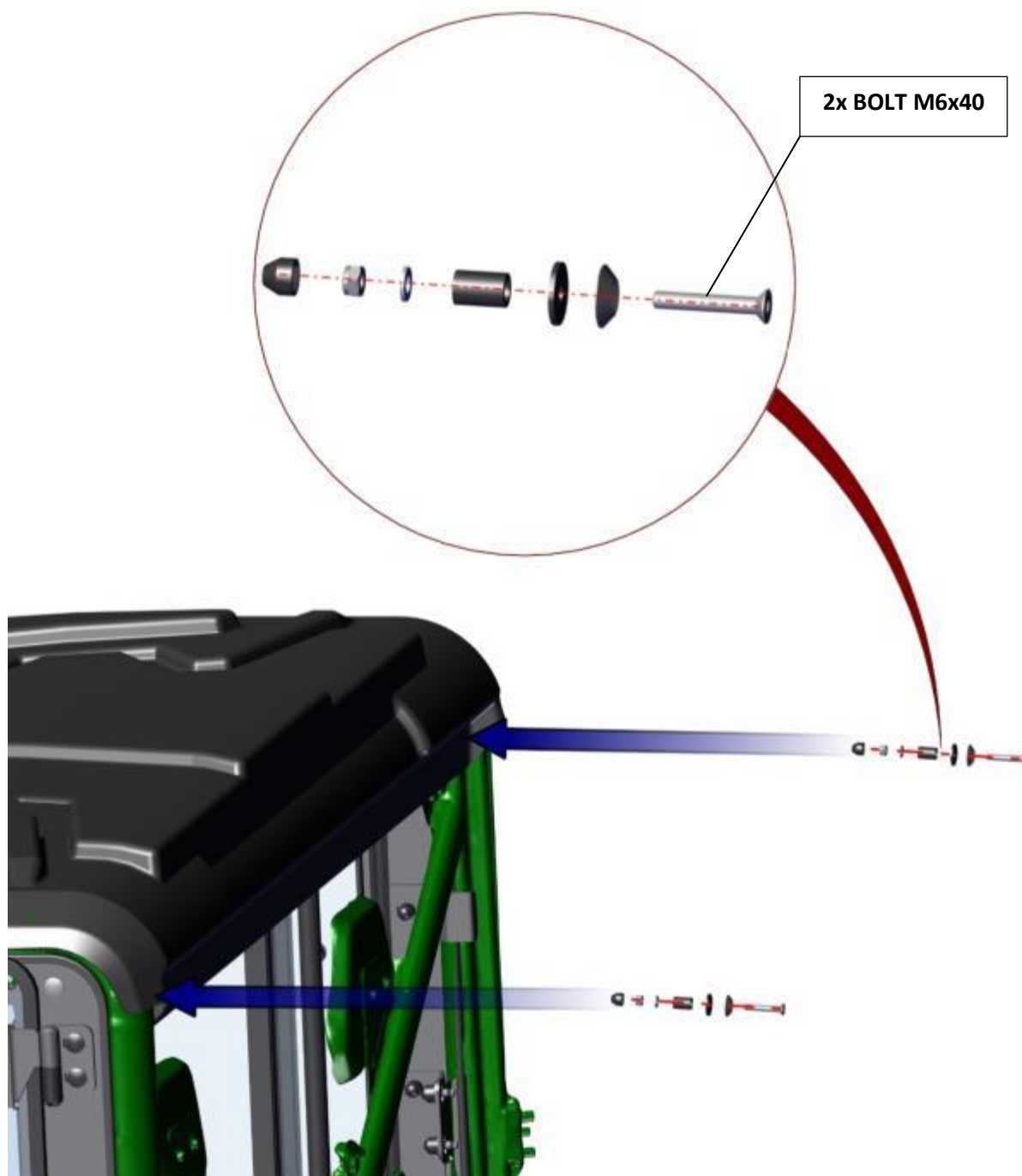
Place the roof onto the vehicle frame.



Fix the roof with the frame by included bolts, washers, nuts and covers.



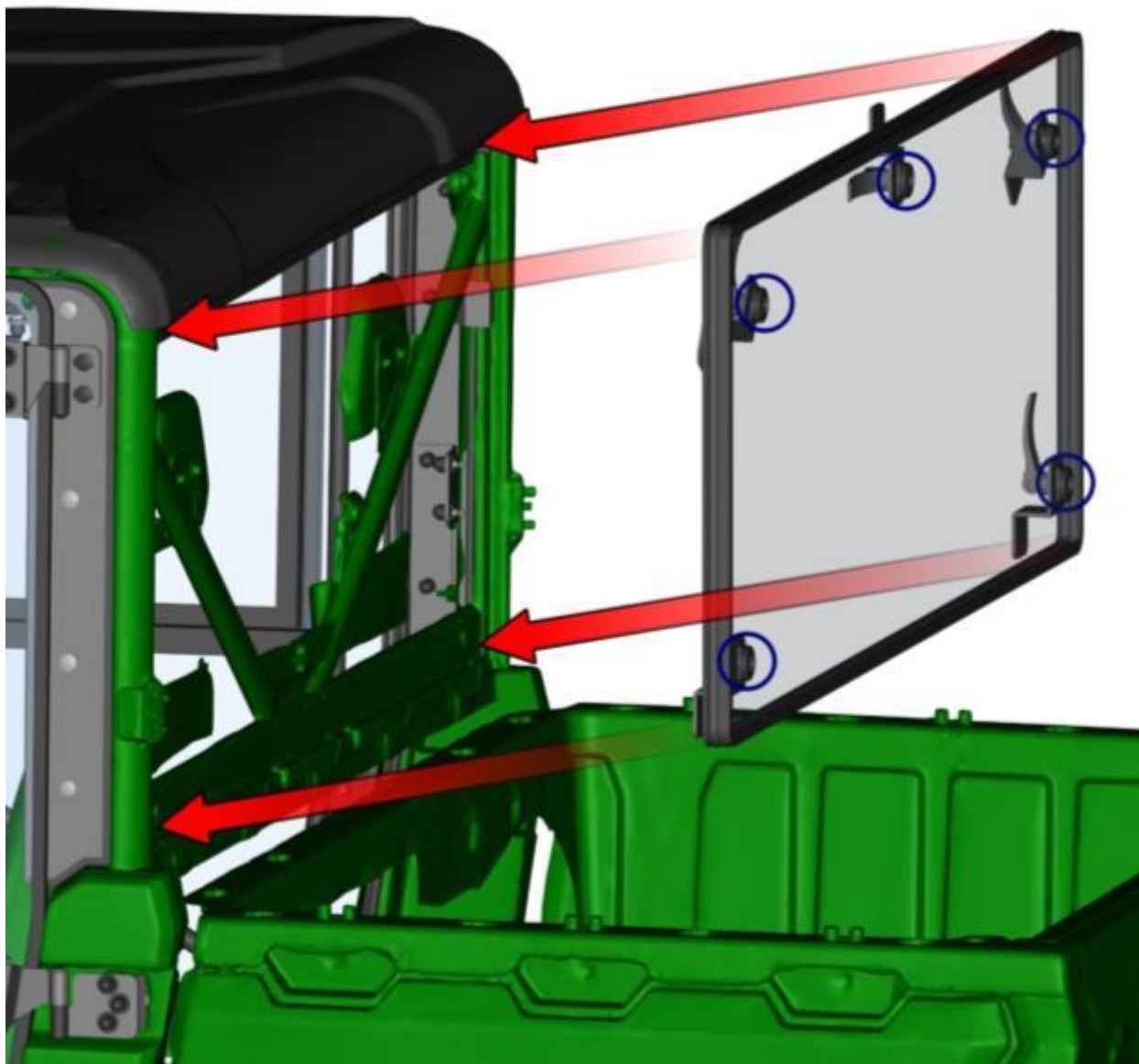
Fix the roof with the frame by included bolts, washers, nuts and covers.



REAR PANEL

Loose the rear holder bolts and turn holders to neutral position.

Place the rear assembly onto the vehicle frame and onto the roof.



Turn holders to the best position and tighten holder bolts correctly.



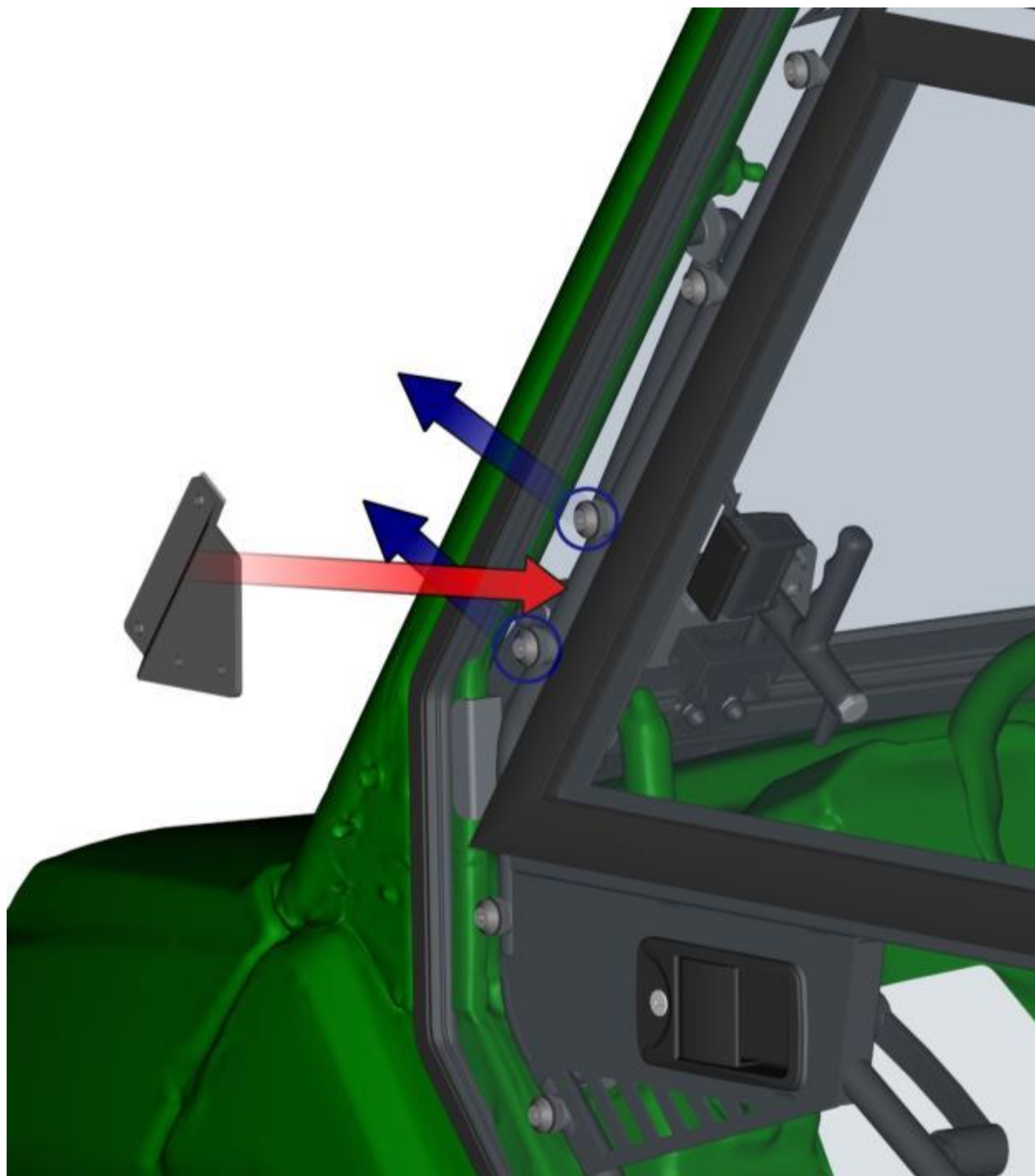
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ORIGINAL SIDE MIRROR

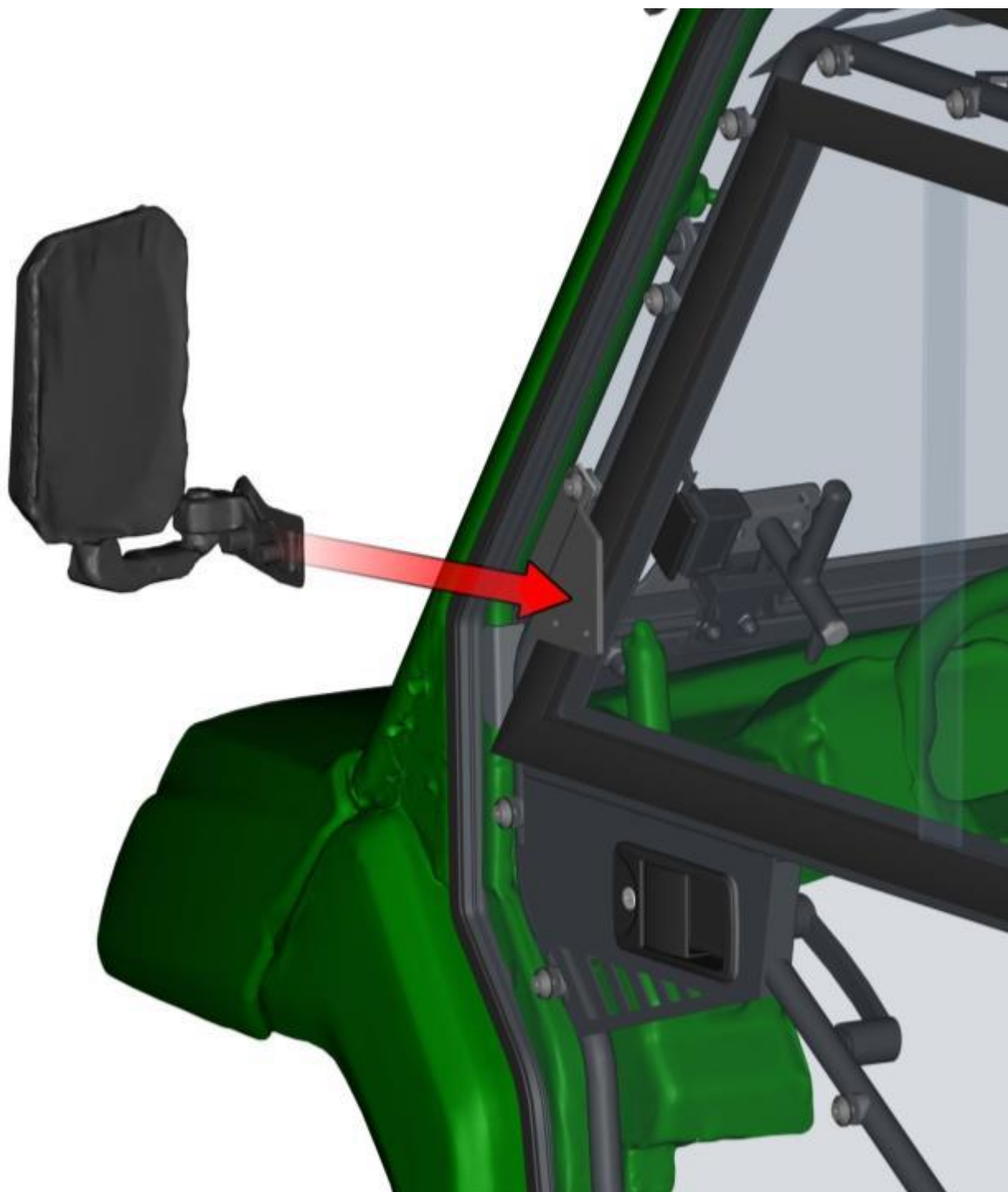
Only if you have original side mirrors.

If you have door mirror holders installed, you can skip to next page.

Uninstall door bolts and washer (blue circles). Place the left side mirror holder onto the door and fix by bolts and washers from previous step.



Install the original mirror onto the holder by original bolts.



Repeat previous steps on the right side with the right assemblies.

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 | | | |
| Inches | Millimeters | Pounds Feet | | Newton-Meters | | Pounds Feet | | Newton-Meters | | Pounds Feet | | Newton-Meters | |
| Min. | Max. | 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

686 01 Uherské Hradiště

Česká republika / Czech Republic