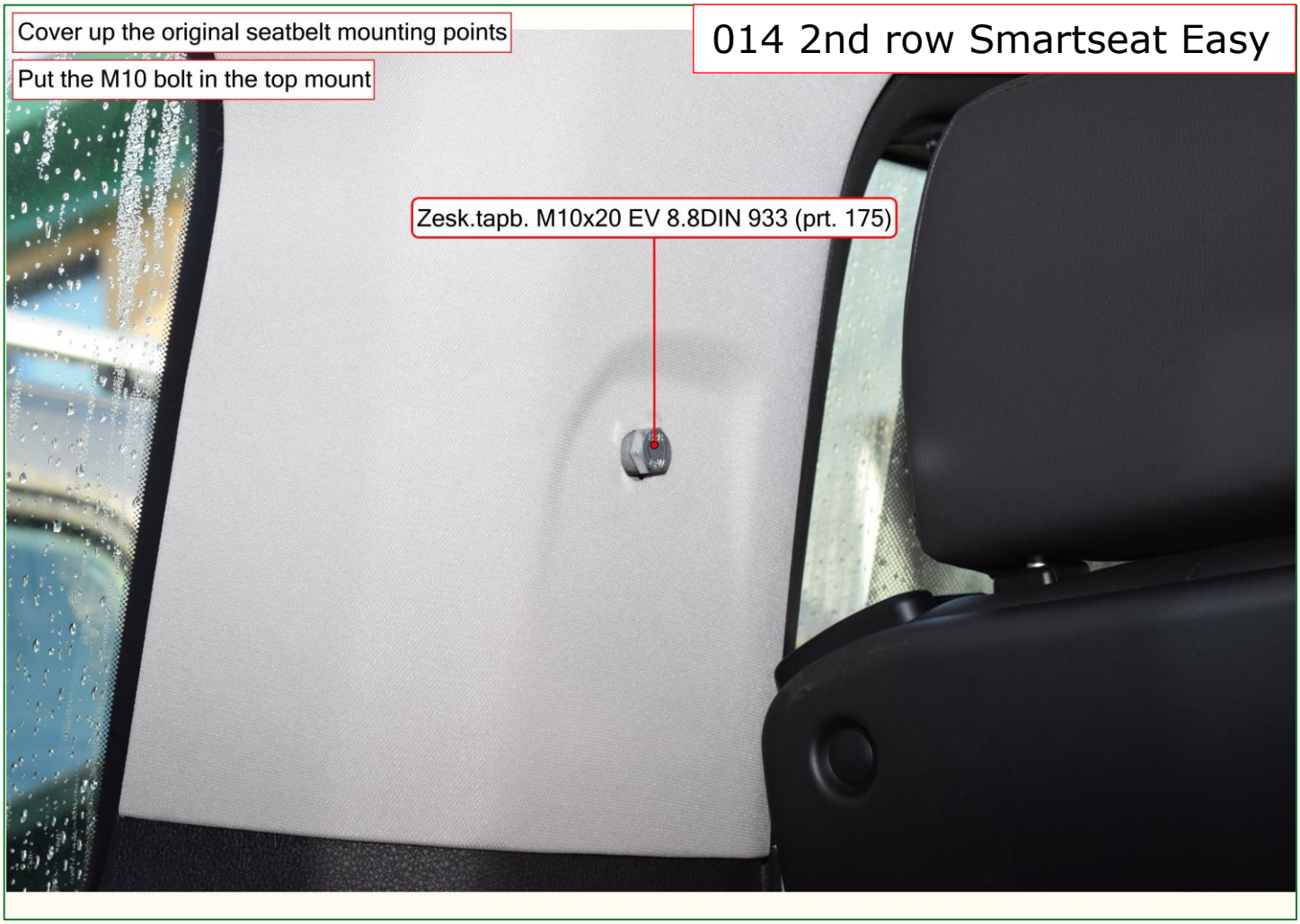
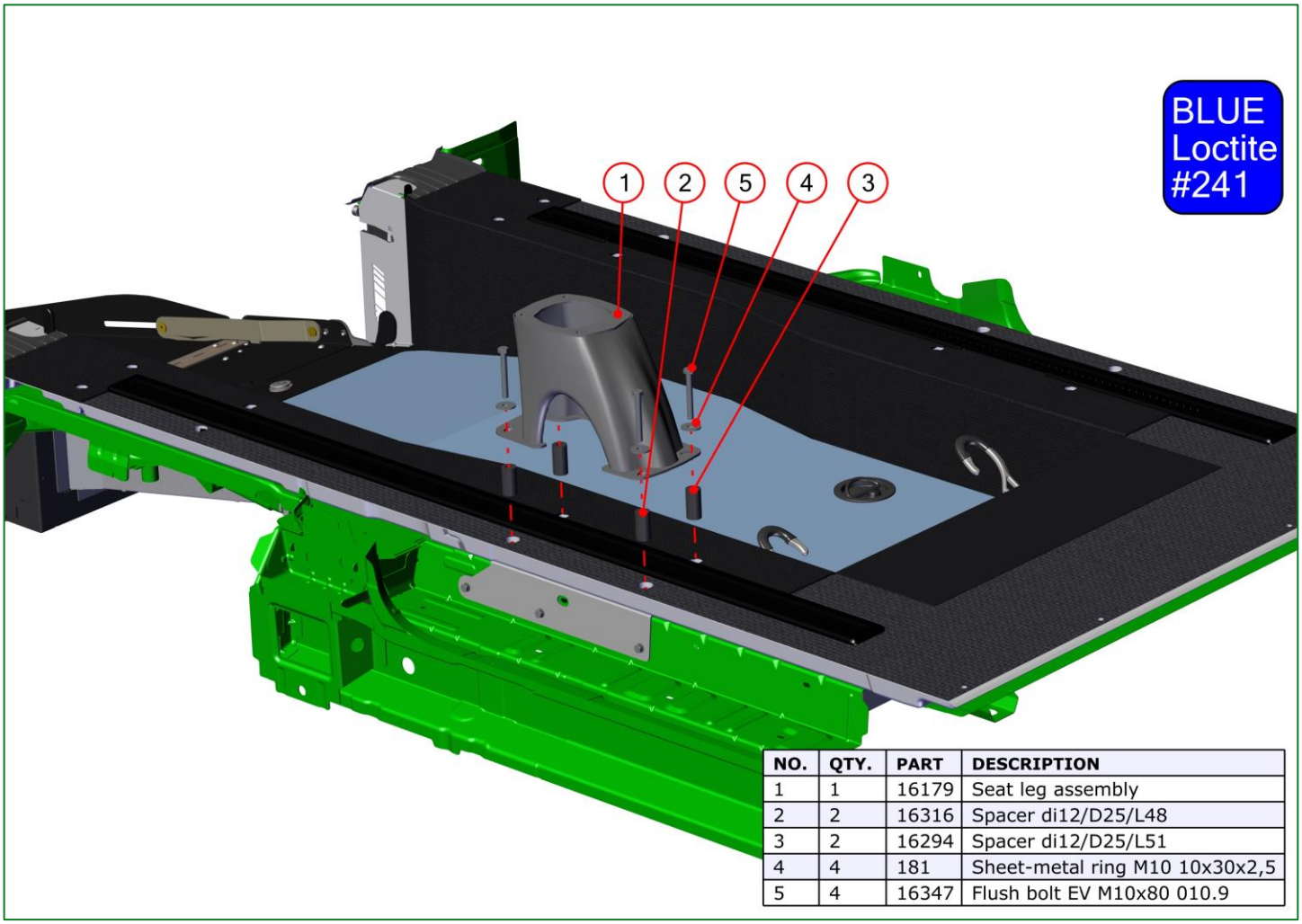
PART 2

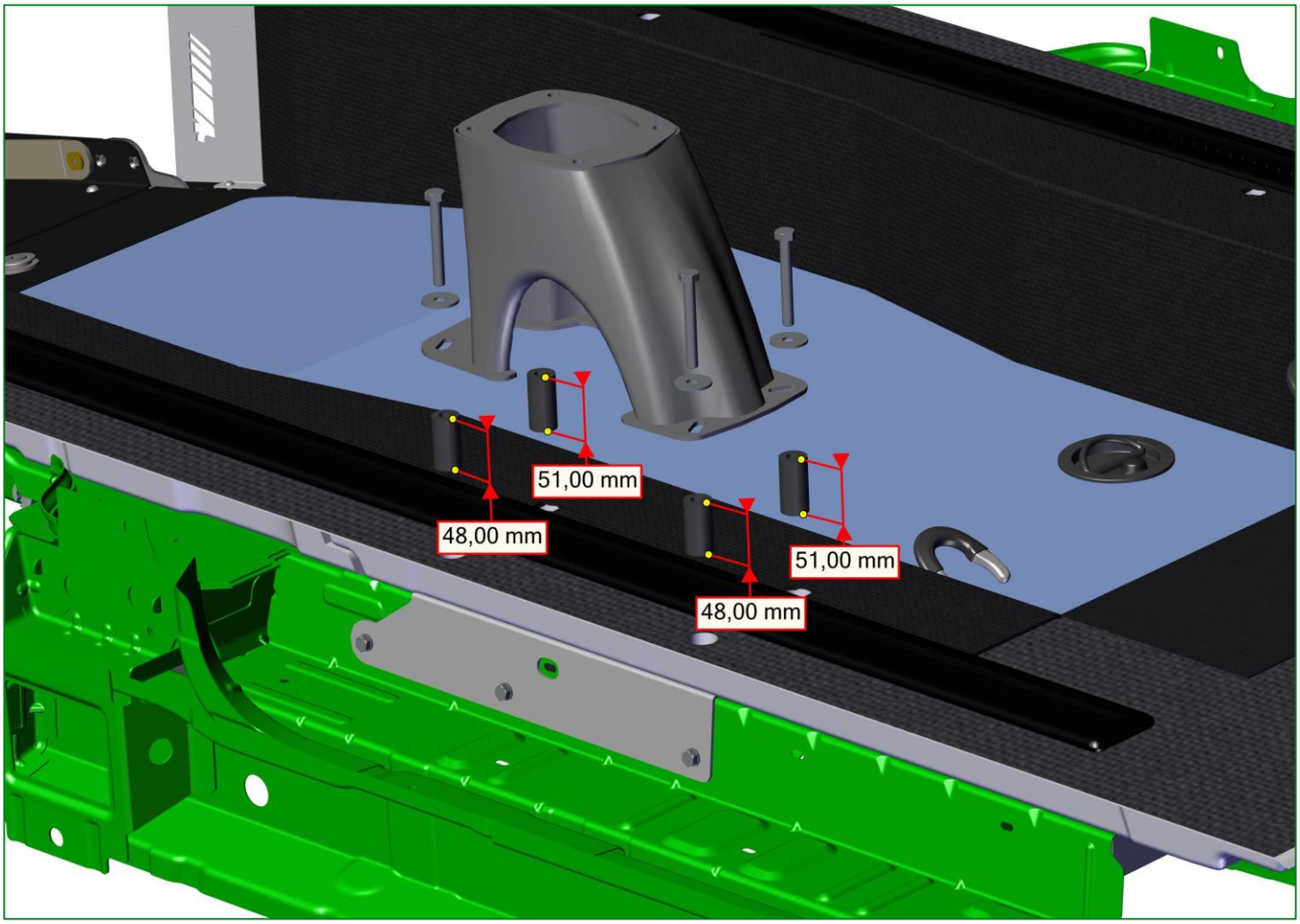
Contents

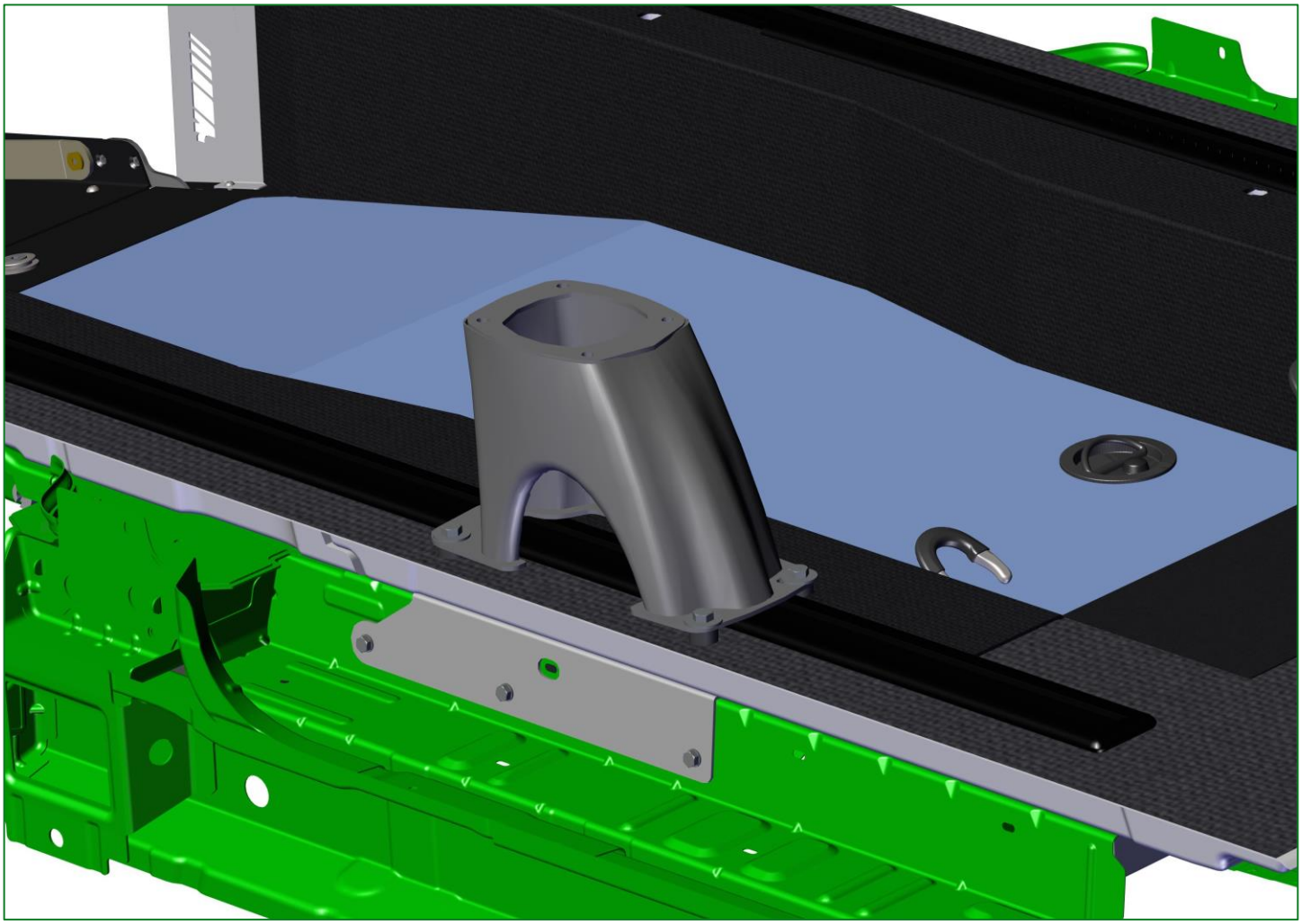
014 2nd row Smartseat Easy

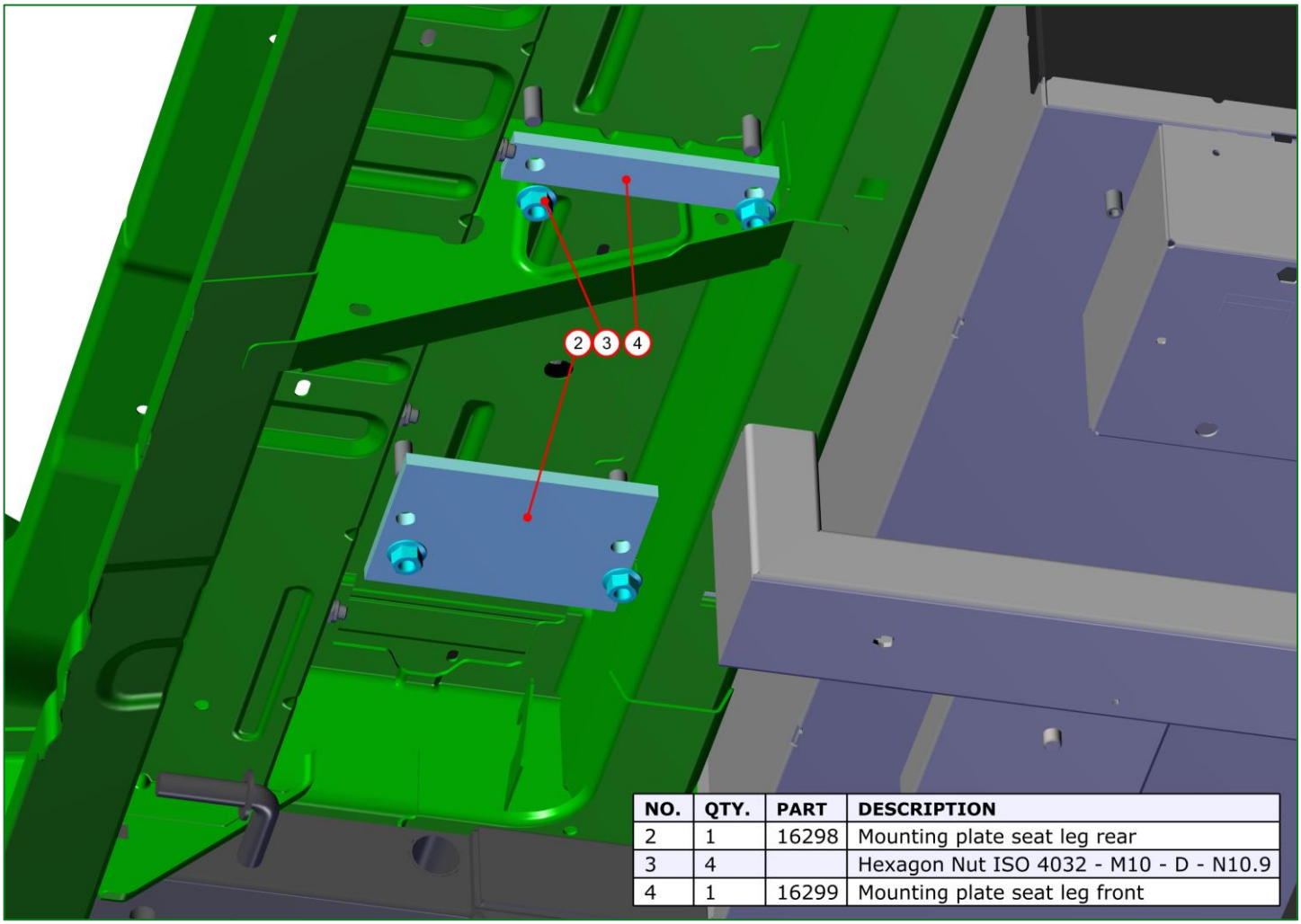




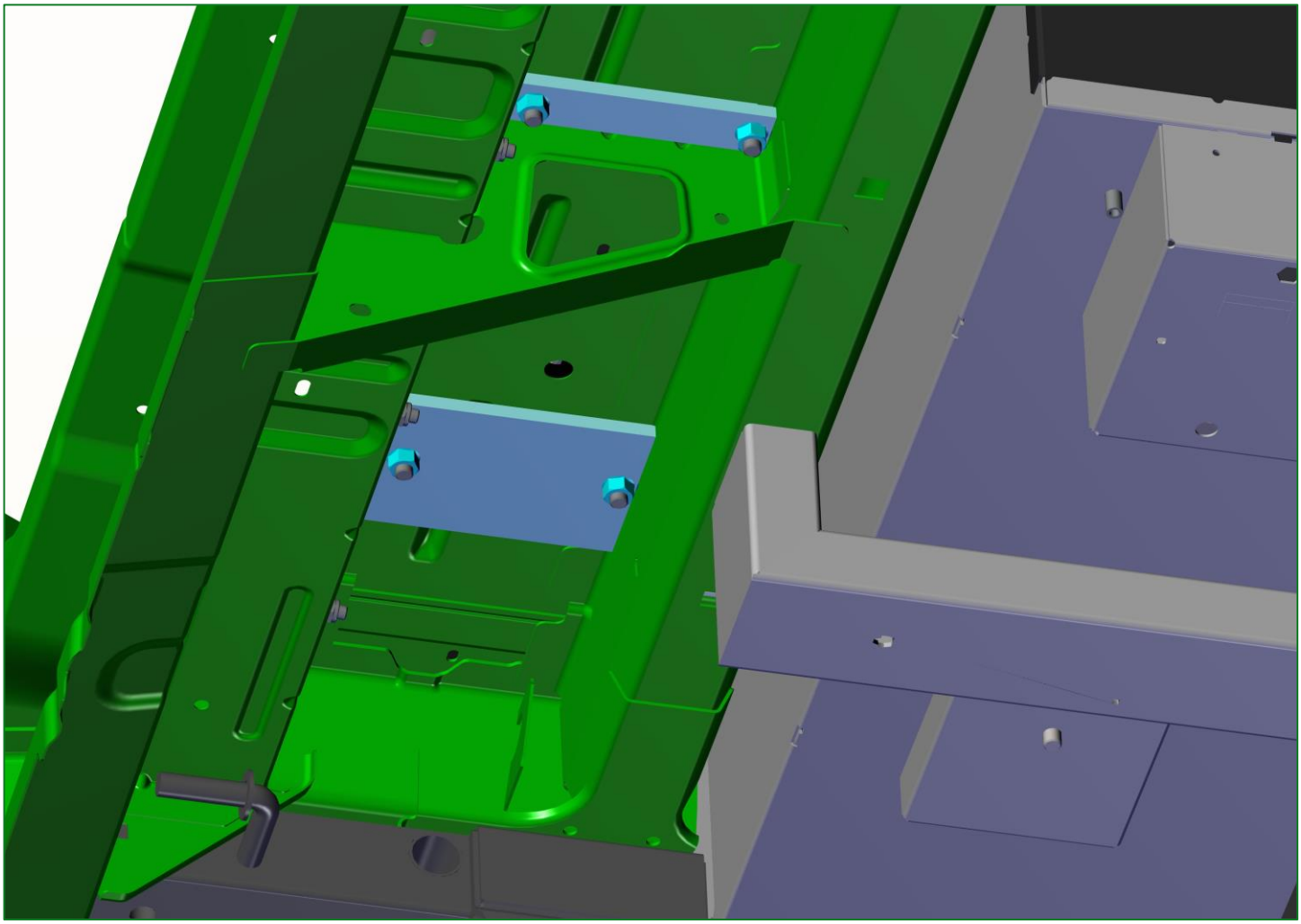
NO.	QTY.	PART	DESCRIPTION
1	1	16179	Seat leg assembly
2	2	16316	Spacer di12/D25/L48
3	2	16294	Spacer di12/D25/L51
4	4	181	Sheet-metal ring M10 10x30x2,5
5	4	16347	Flush bolt EV M10x80 010.9

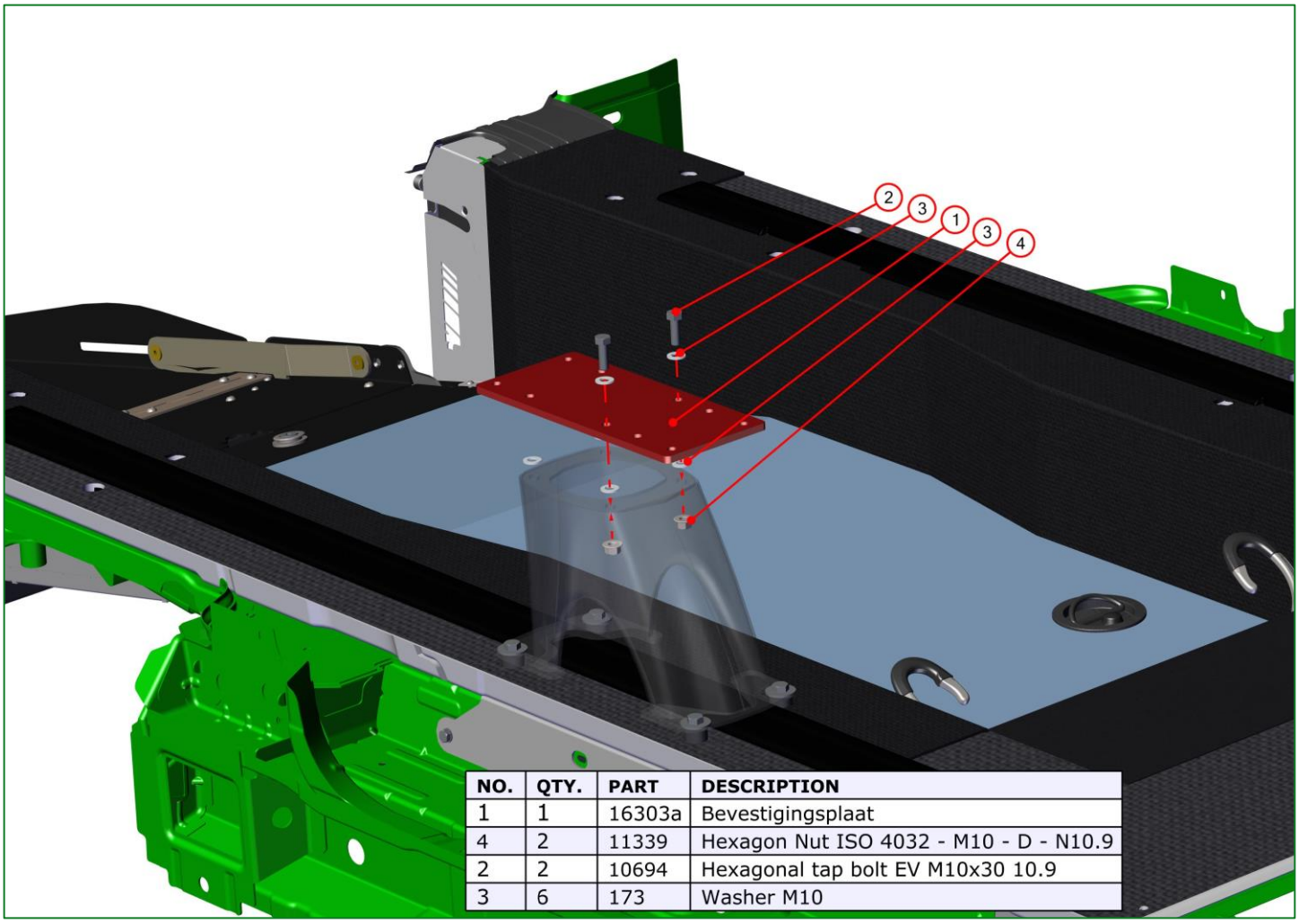

51,00 mm
48,00 mm
51,00 mm
48,00 mm



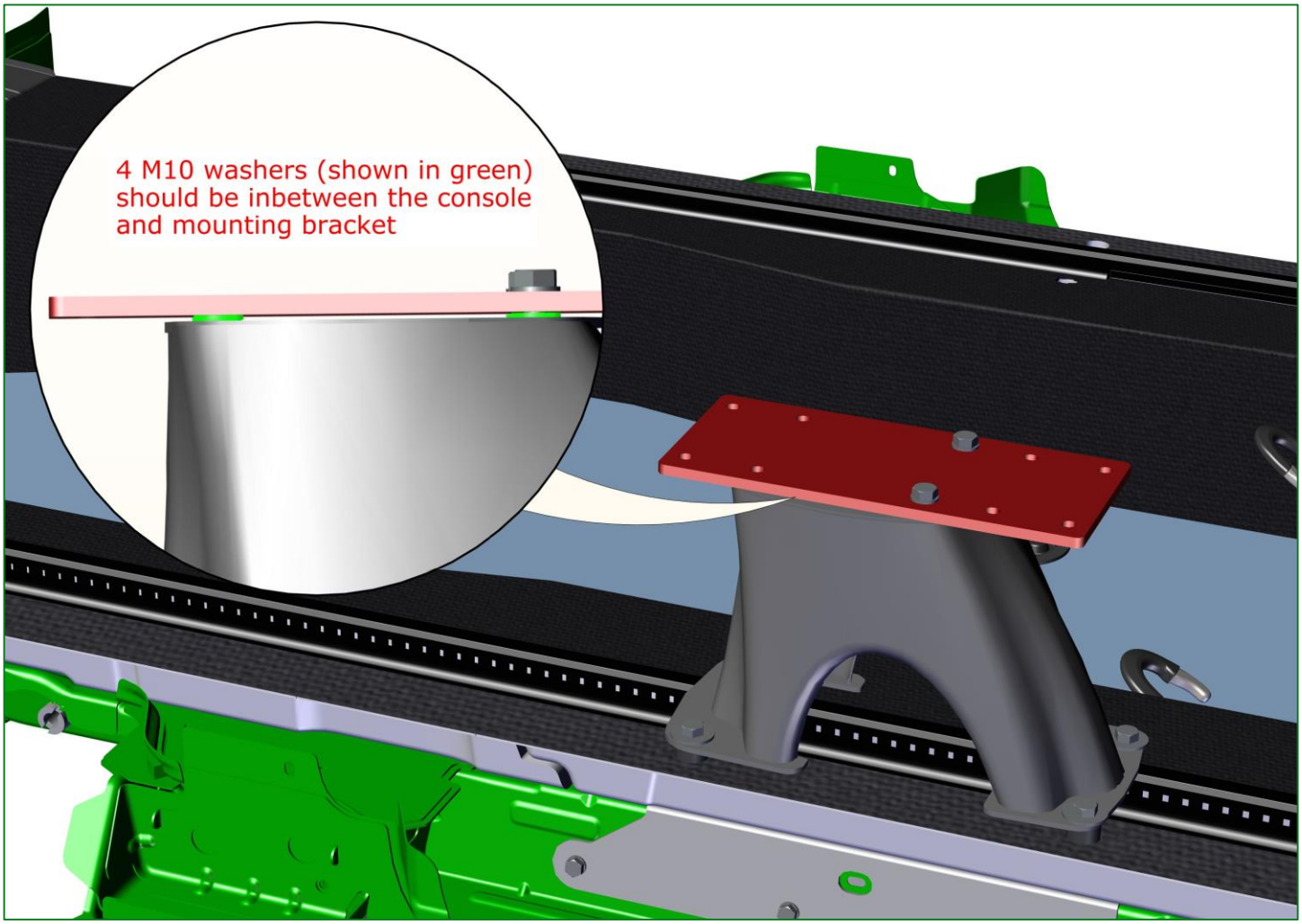


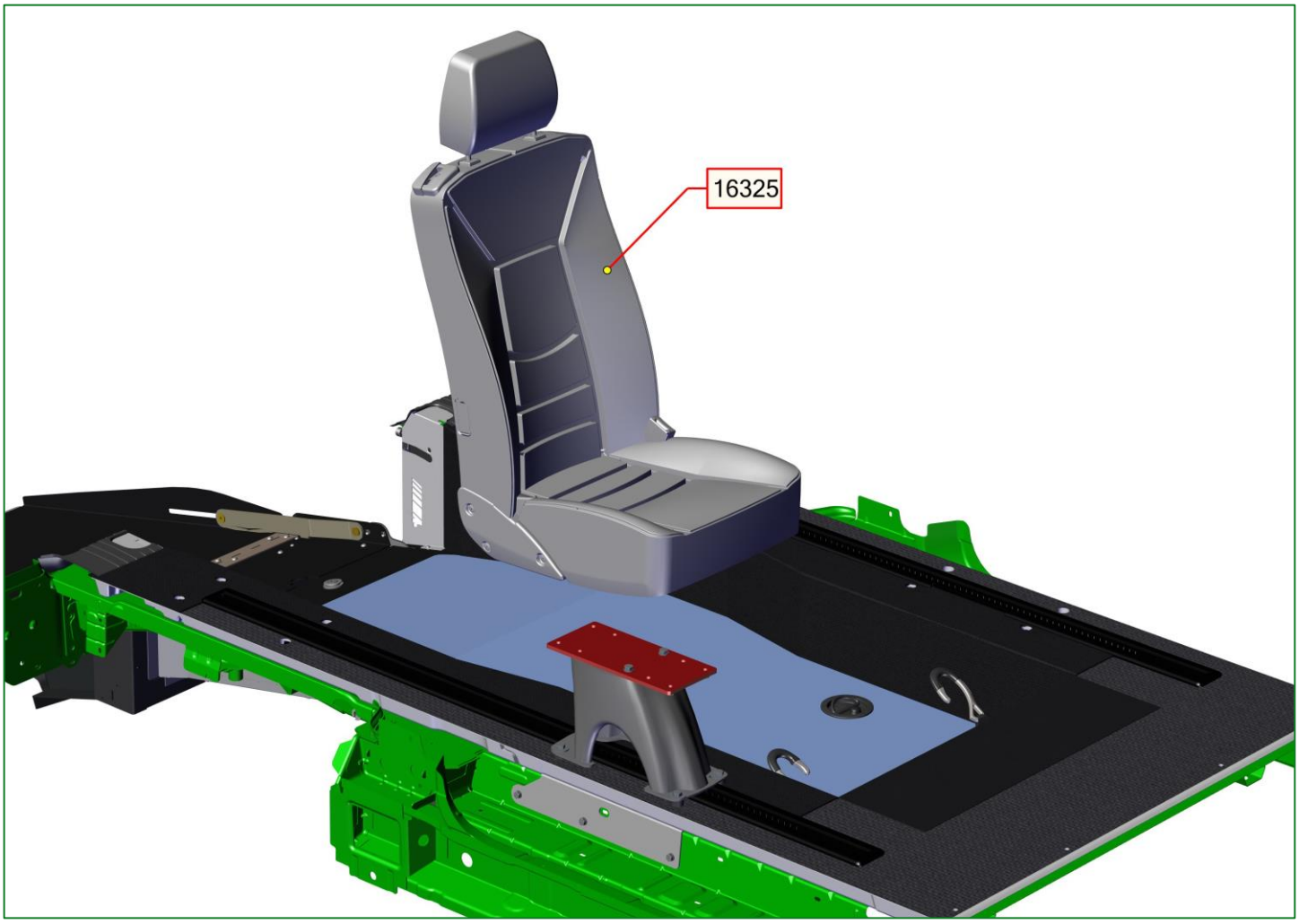
NO.	QTY.	PART	DESCRIPTION
2	1	16298	Mounting plate seat leg rear
3	4		Hexagon Nut ISO 4032 - M10 - D - N10.9
4	1	16299	Mounting plate seat leg front

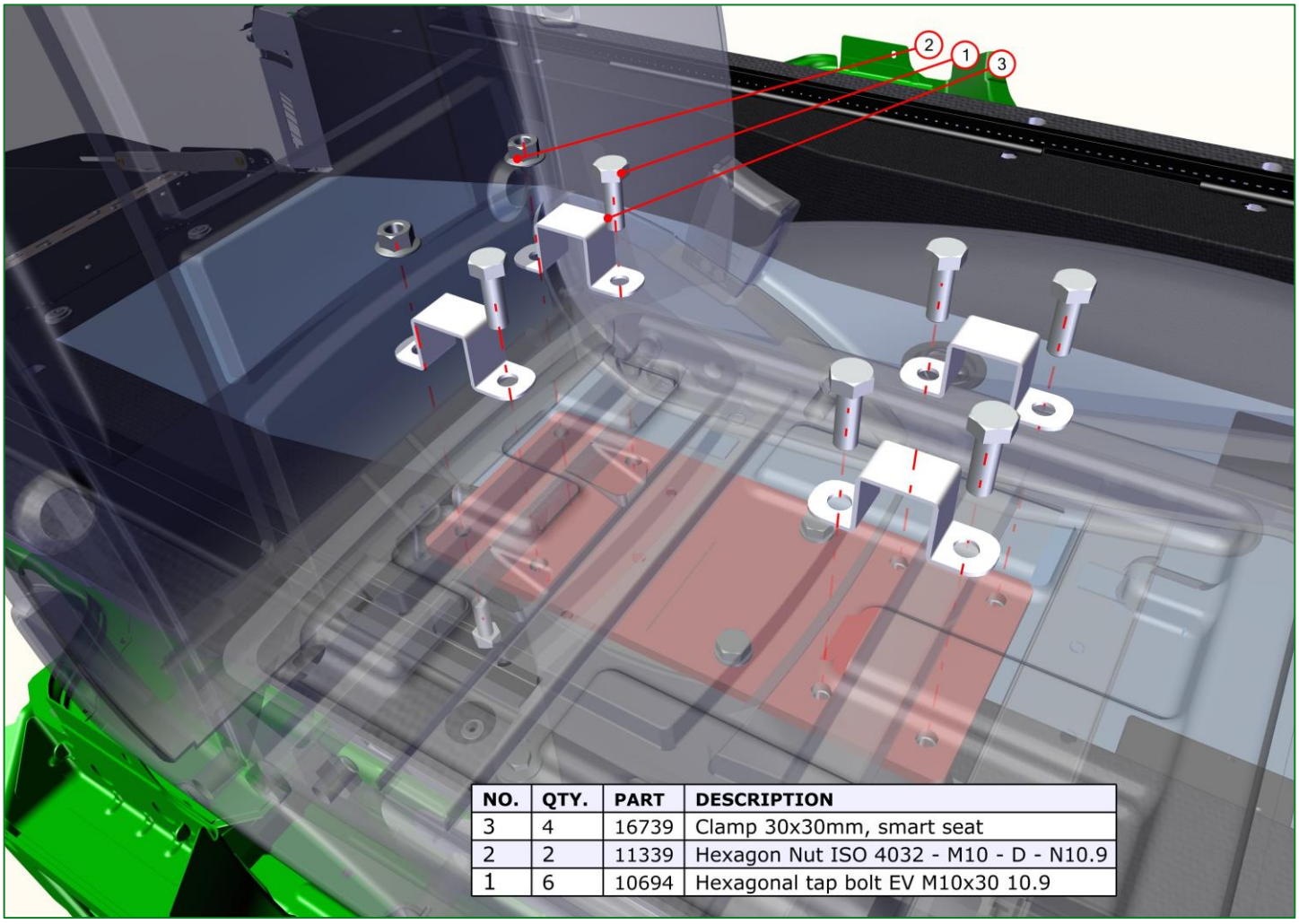




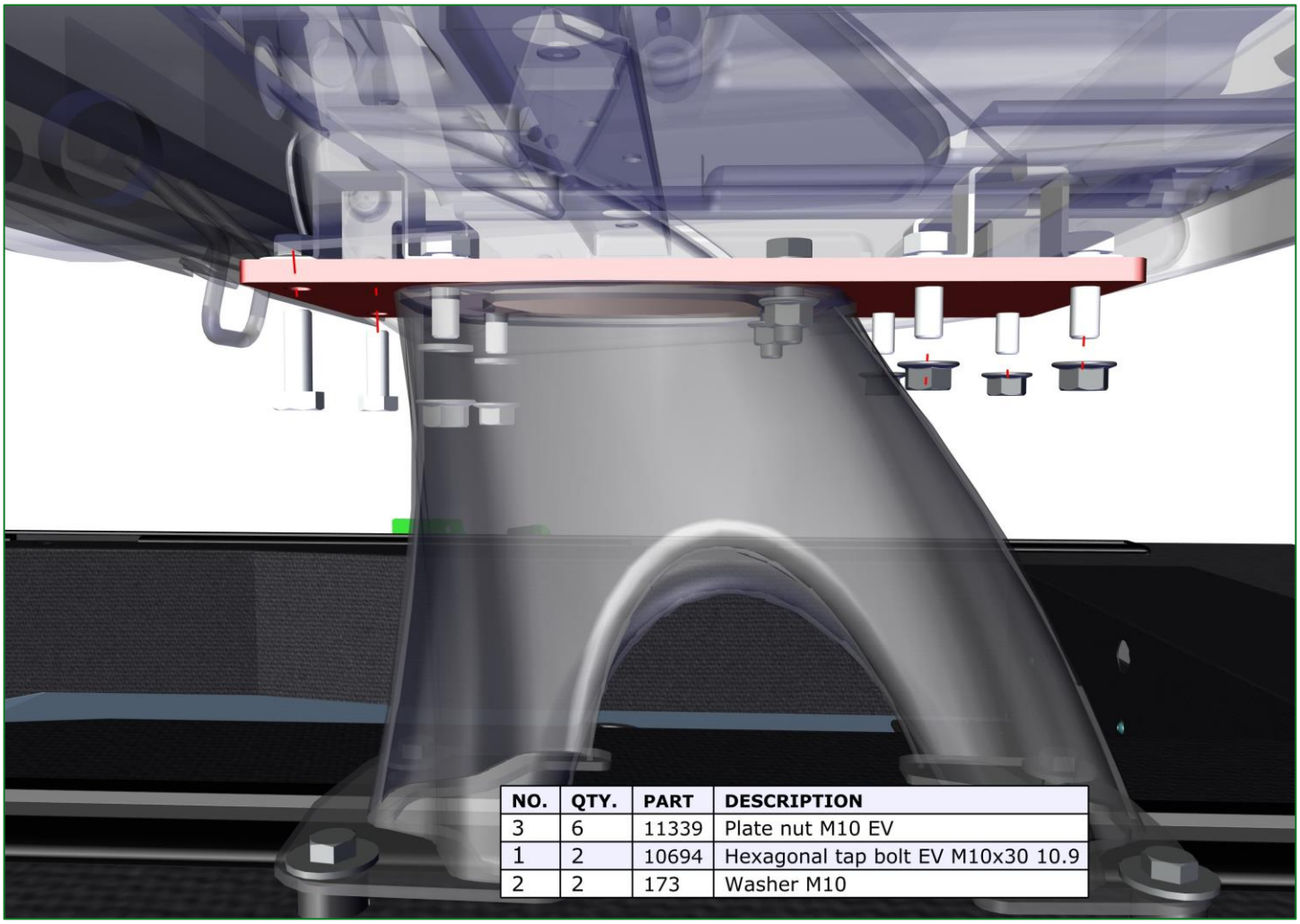
NO.	QTY.	PART	DESCRIPTION
1	1	16303a	Bevestigingsplaat
4	2	11339	Hexagon Nut ISO 4032 - M10 - D - N10.9
2	2	10694	Hexagonal tap bolt EV M10x30 10.9
3	6	173	Washer M10



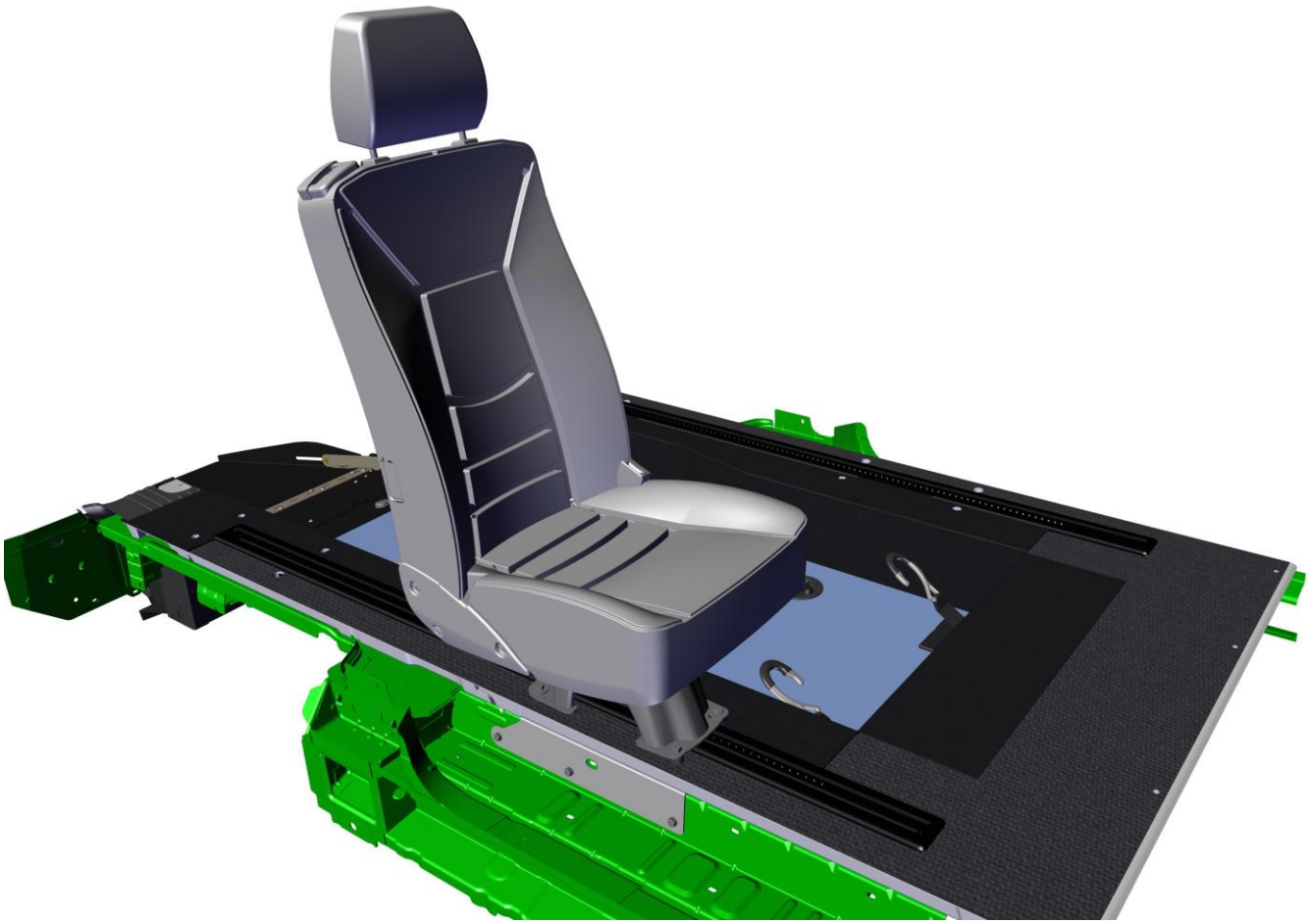


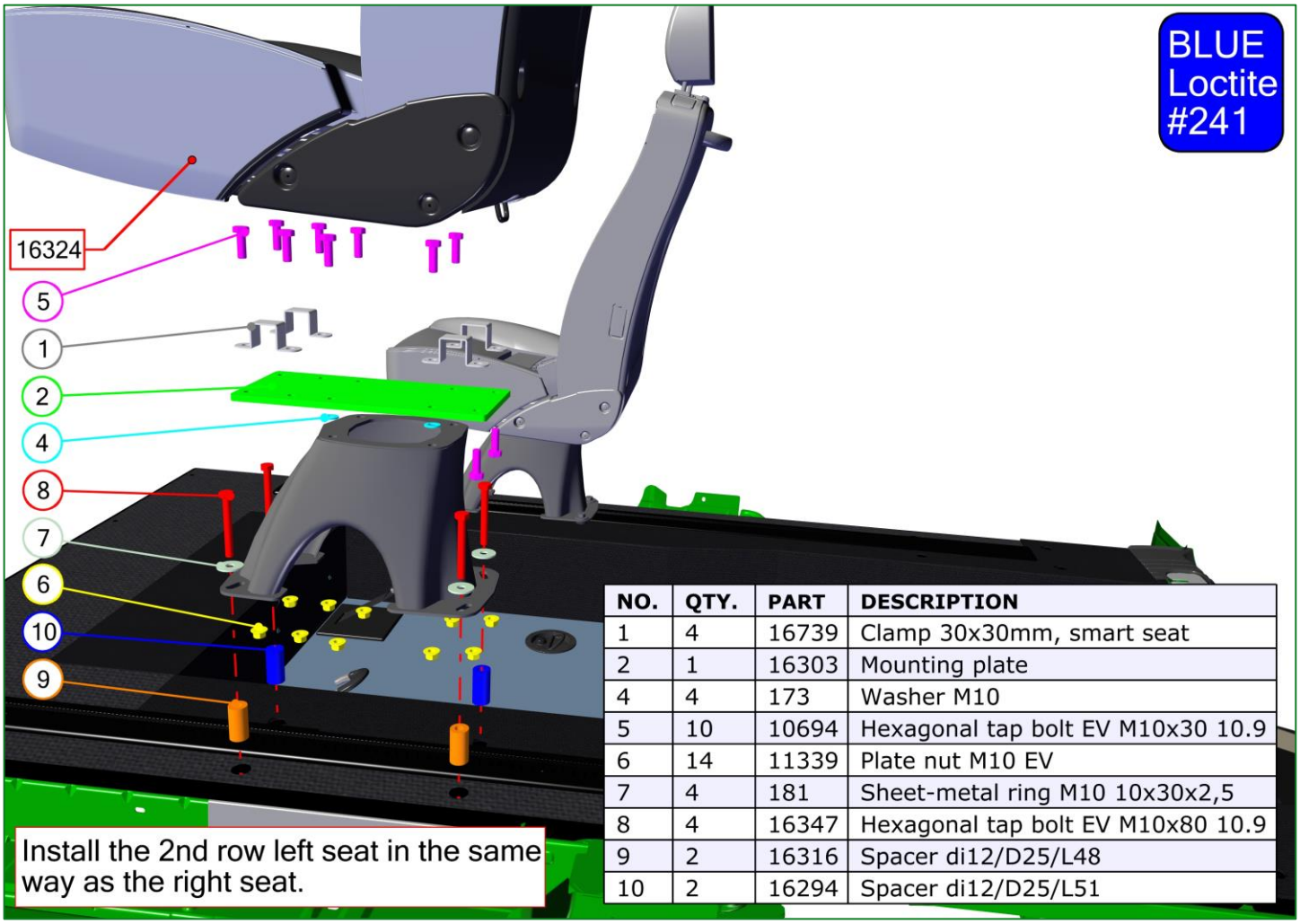


NO.	QTY.	PART	DESCRIPTION
3	4	16739	Clamp 30x30mm, smart seat
2	2	11339	Hexagon Nut ISO 4032 - M10 - D - N10.9
1	6	10694	Hexagonal tap bolt EV M10x30 10.9



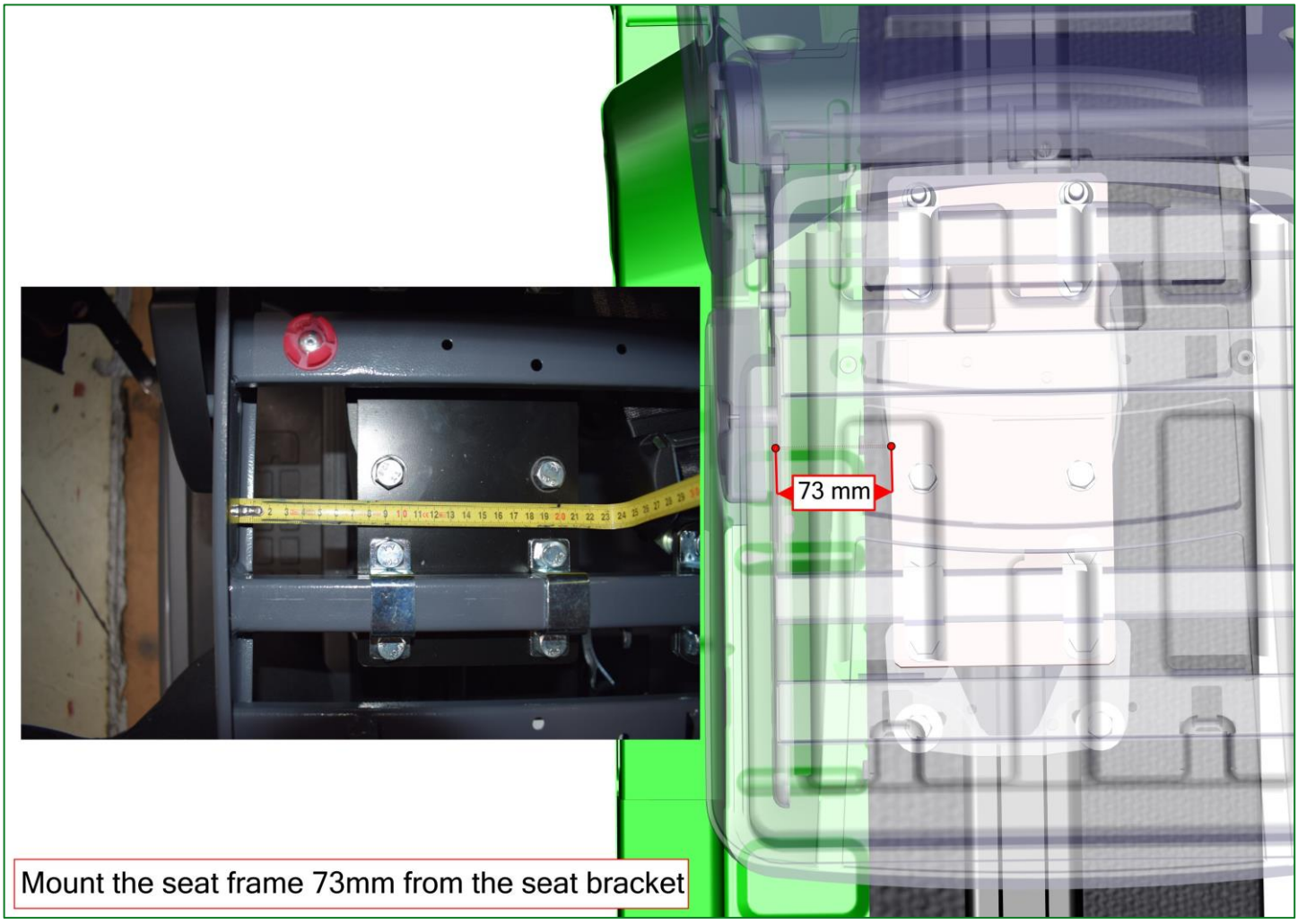
NO.	QTY.	PART	DESCRIPTION
3	6	11339	Plate nut M10 EV
1	2	10694	Hexagonal tap bolt EV M10x30 10.9
2	2	173	Washer M10



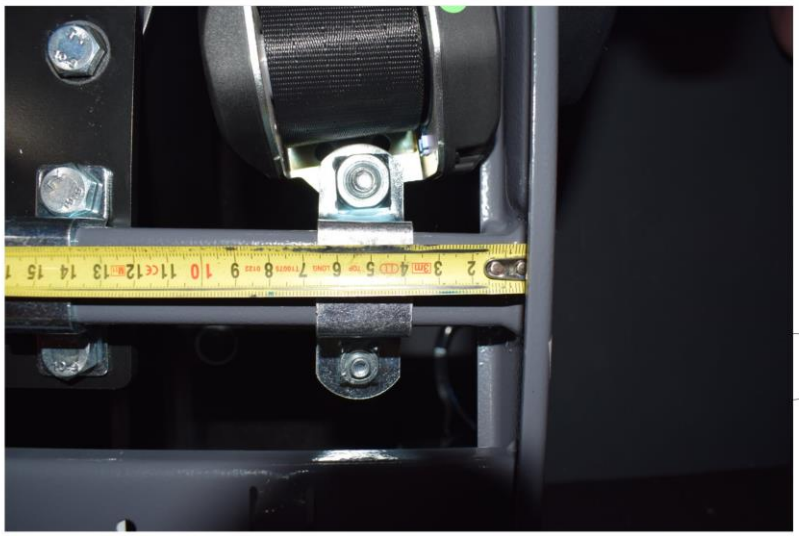


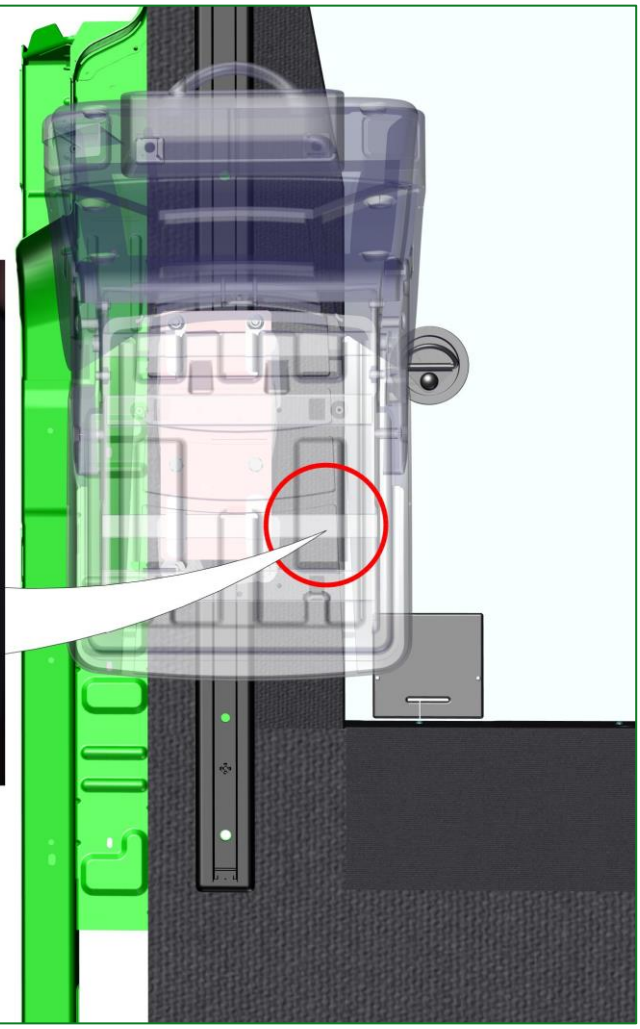
NO.	QTY.	PART	DESCRIPTION
1	4	16739	Clamp 30x30mm, smart seat
2	1	16303	Mounting plate
4	4	173	Washer M10
5	10	10694	Hexagonal tap bolt EV M10x30 10.9
6	14	11339	Plate nut M10 EV
7	4	181	Sheet-metal ring M10 10x30x2,5
8	4	16347	Hexagonal tap bolt EV M10x80 10.9
9	2	16316	Spacer di12/D25/L48
10	2	16294	Spacer di12/D25/L51

Install the 2nd row left seat in the same way as the right seat.

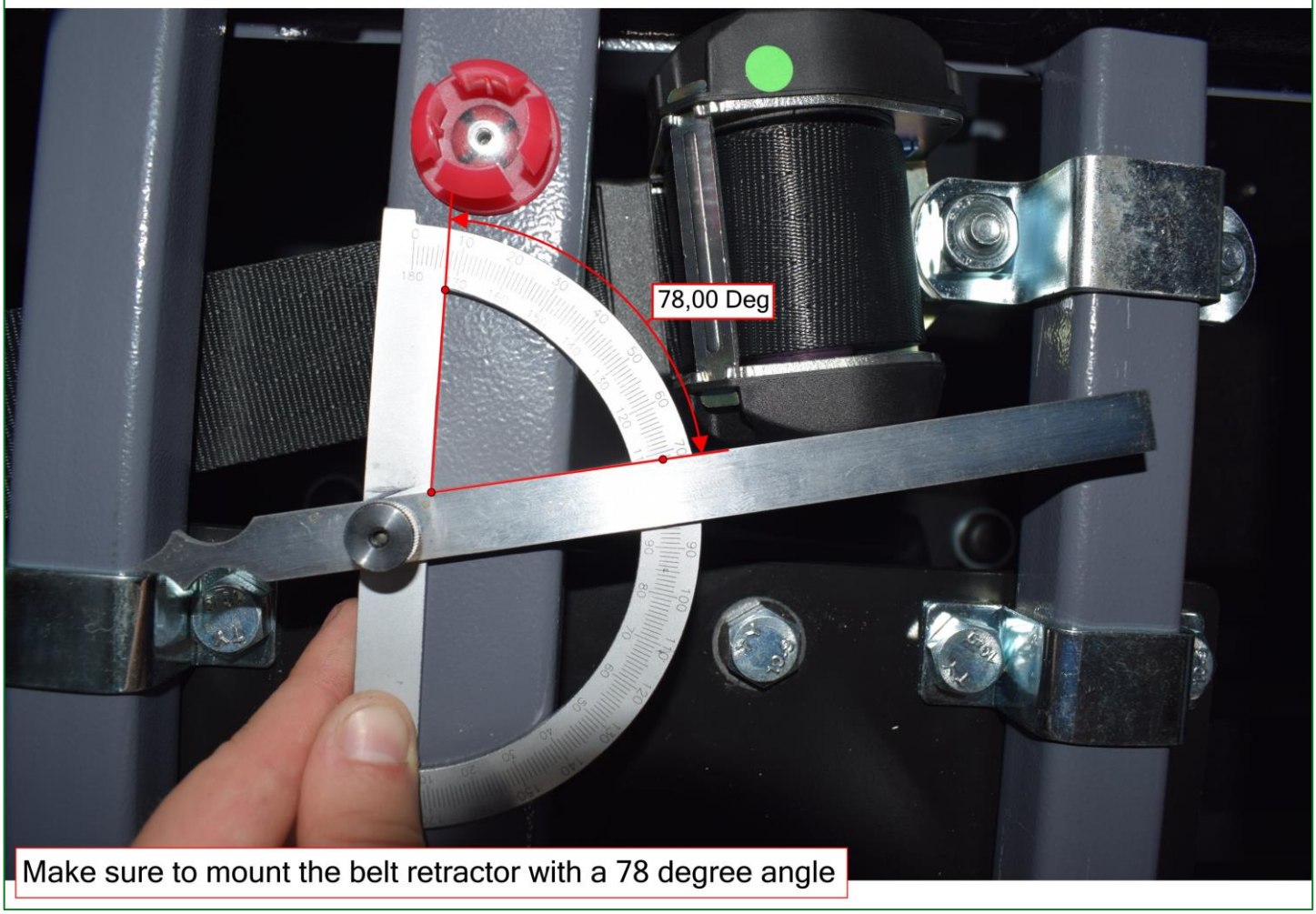


Mount the seat frame 73mm from the seat bracket



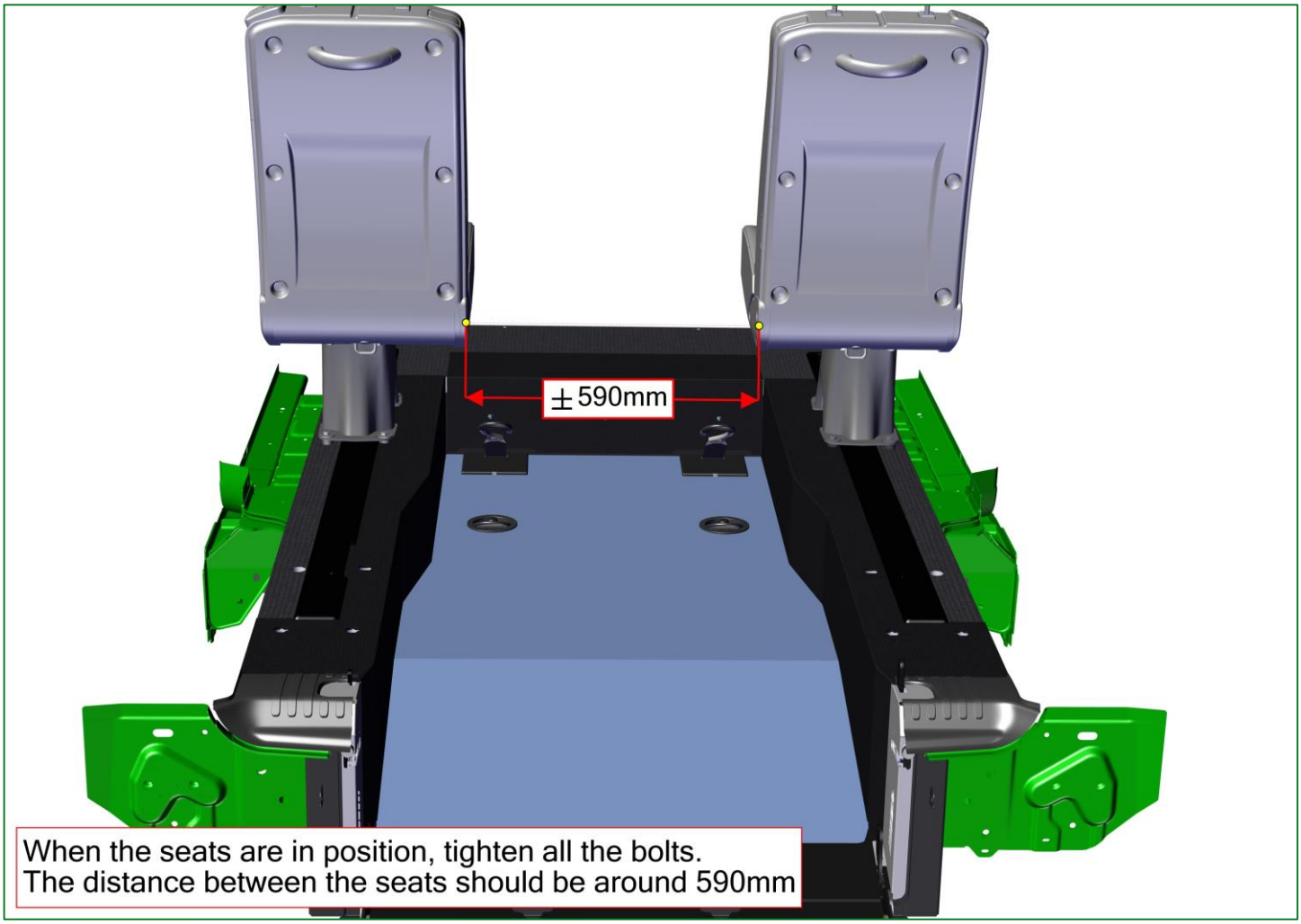


Mount the belt retractor 37mm from the frame edge



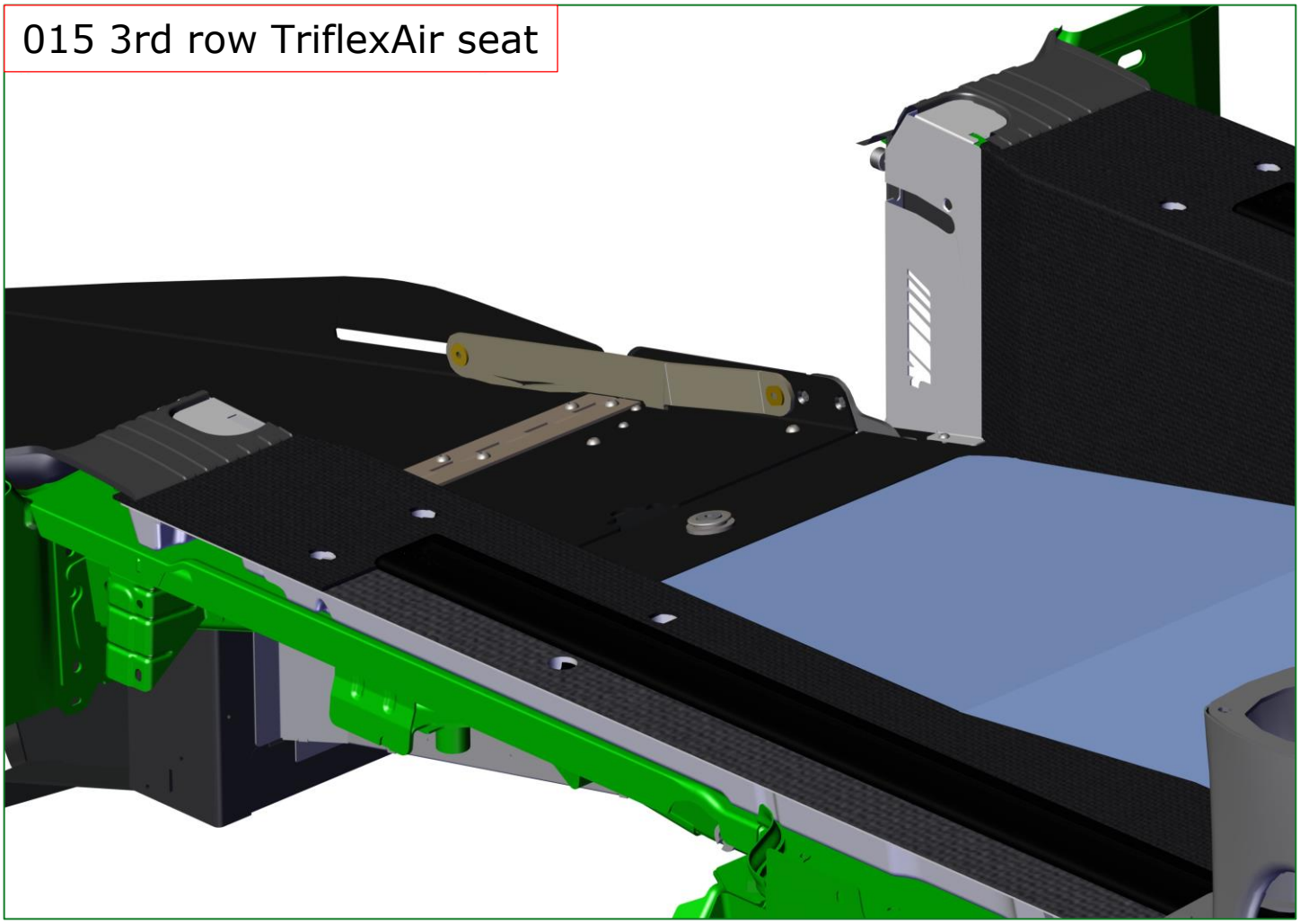
Make sure to mount the belt retractor with a 78 degree angle

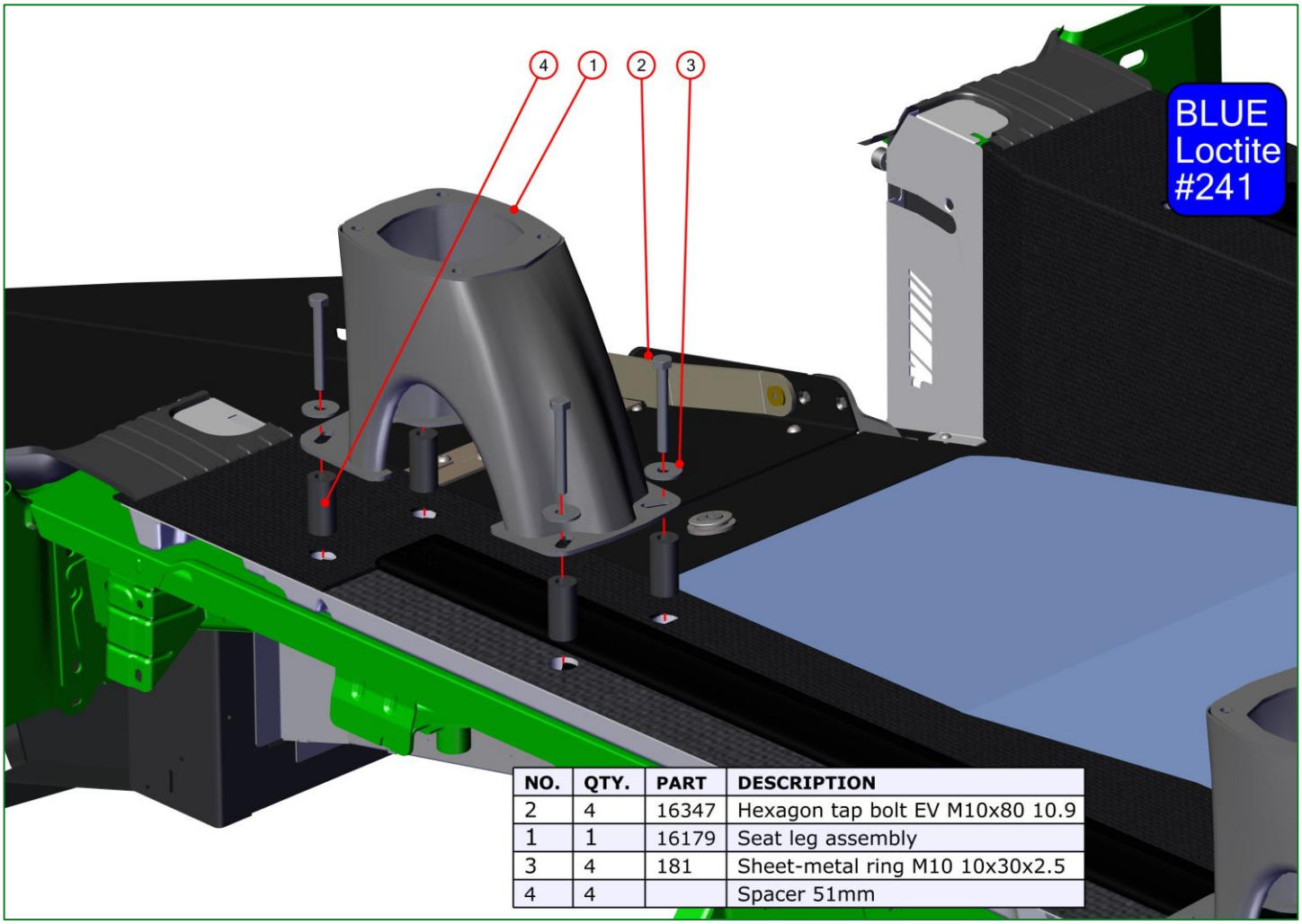
Make sure the belt does not touch the seat bracket



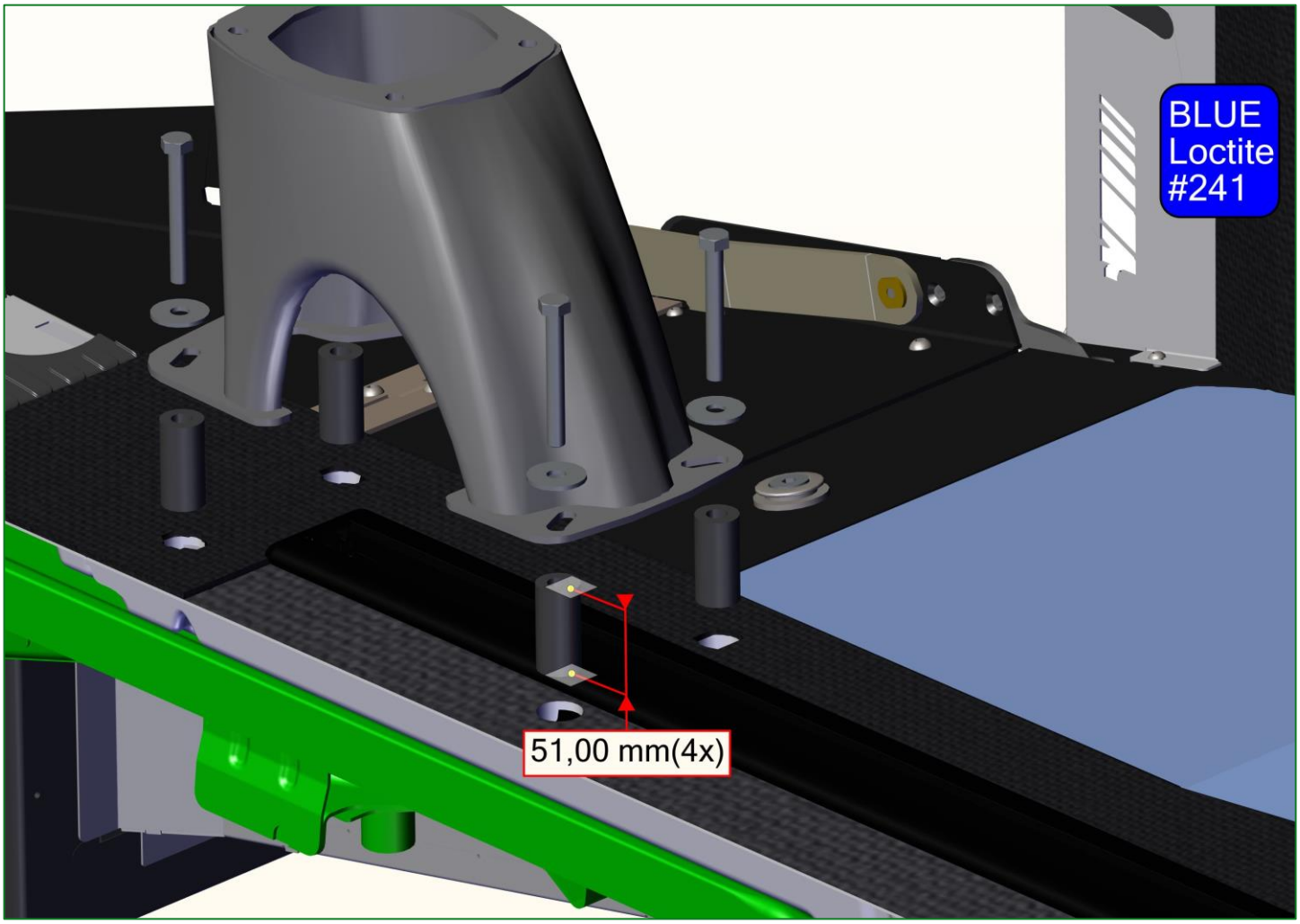
When the seats are in position, tighten all the bolts.
The distance between the seats should be around 590mm

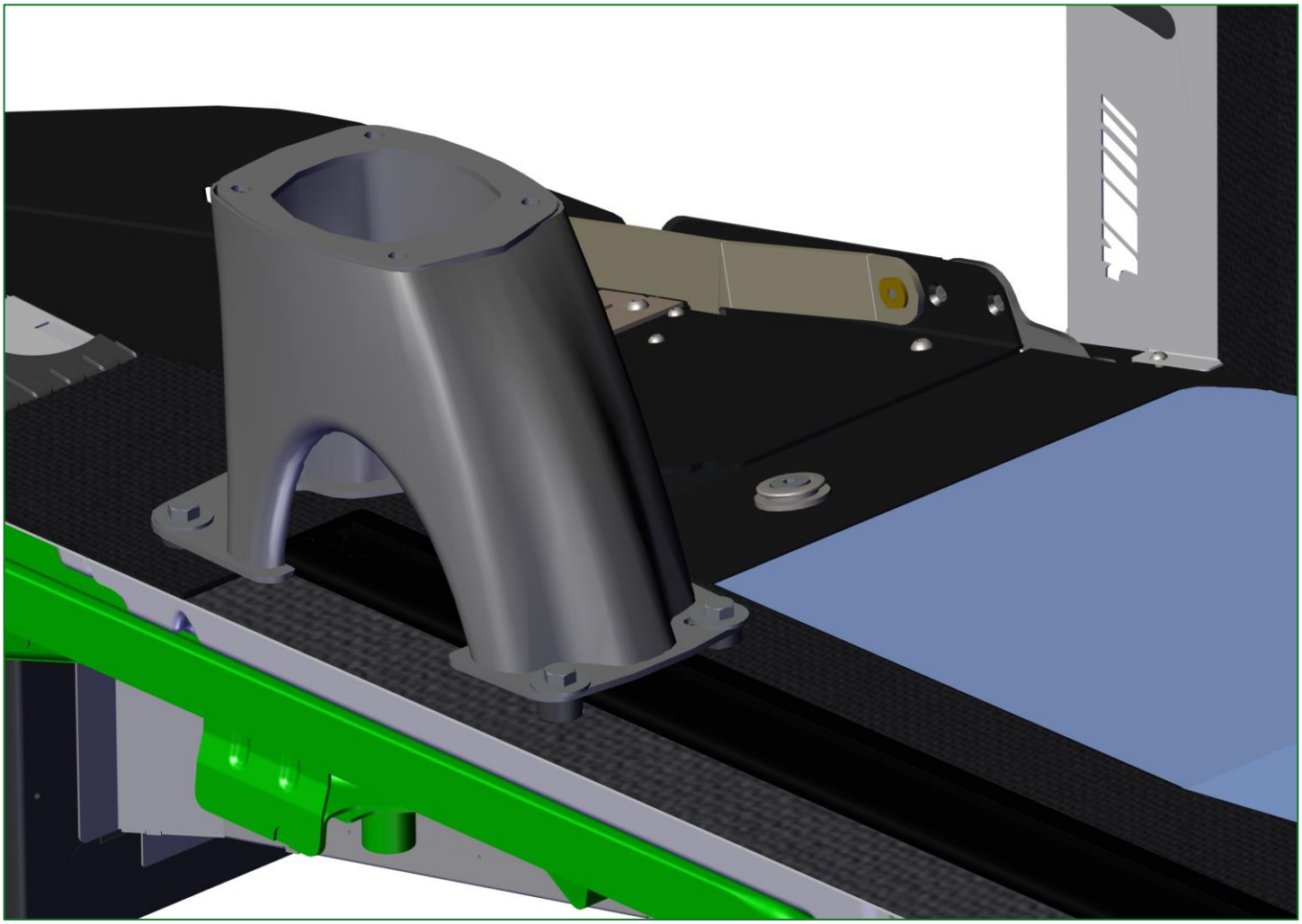
015 3rd row TriflexAir seat

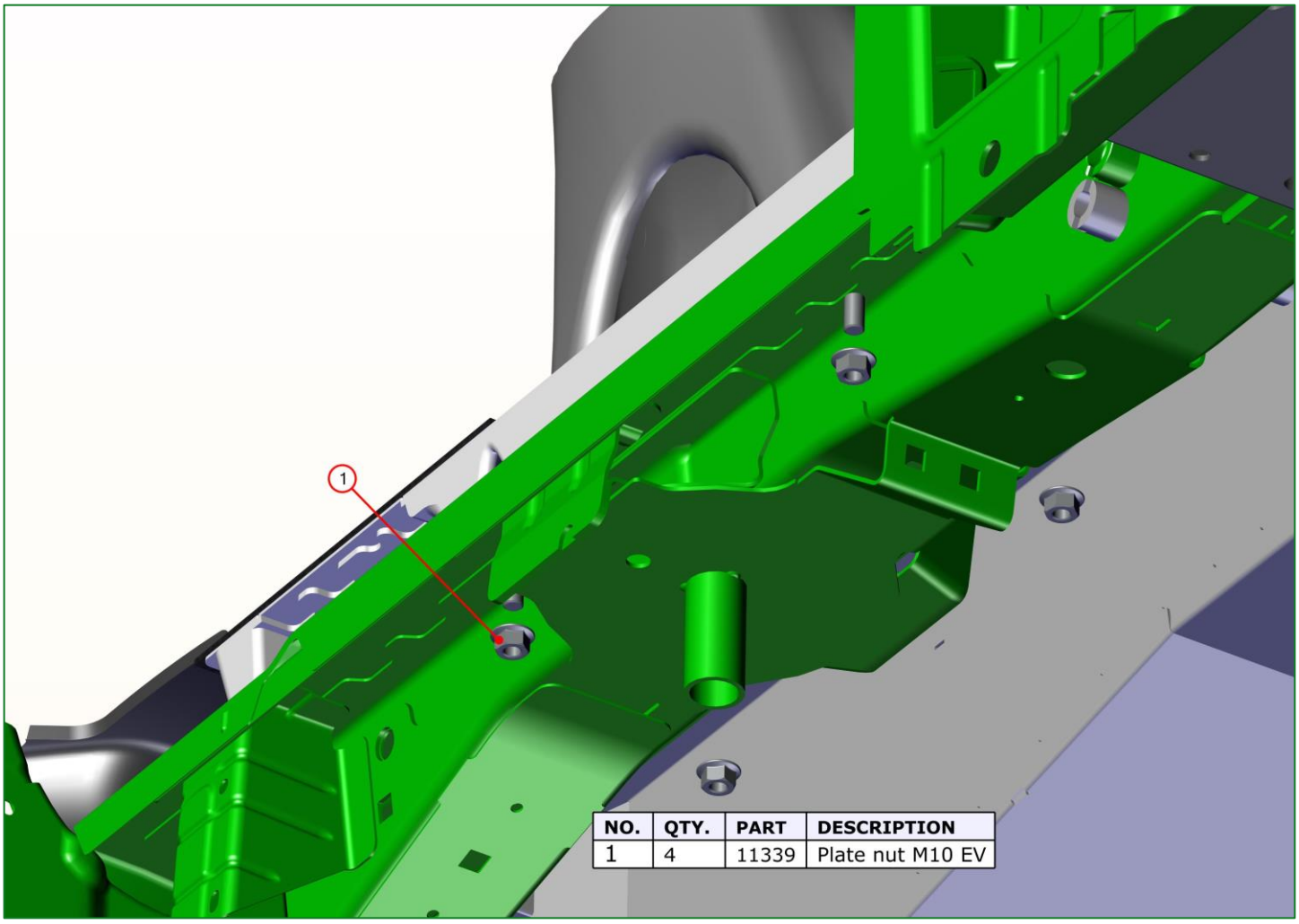




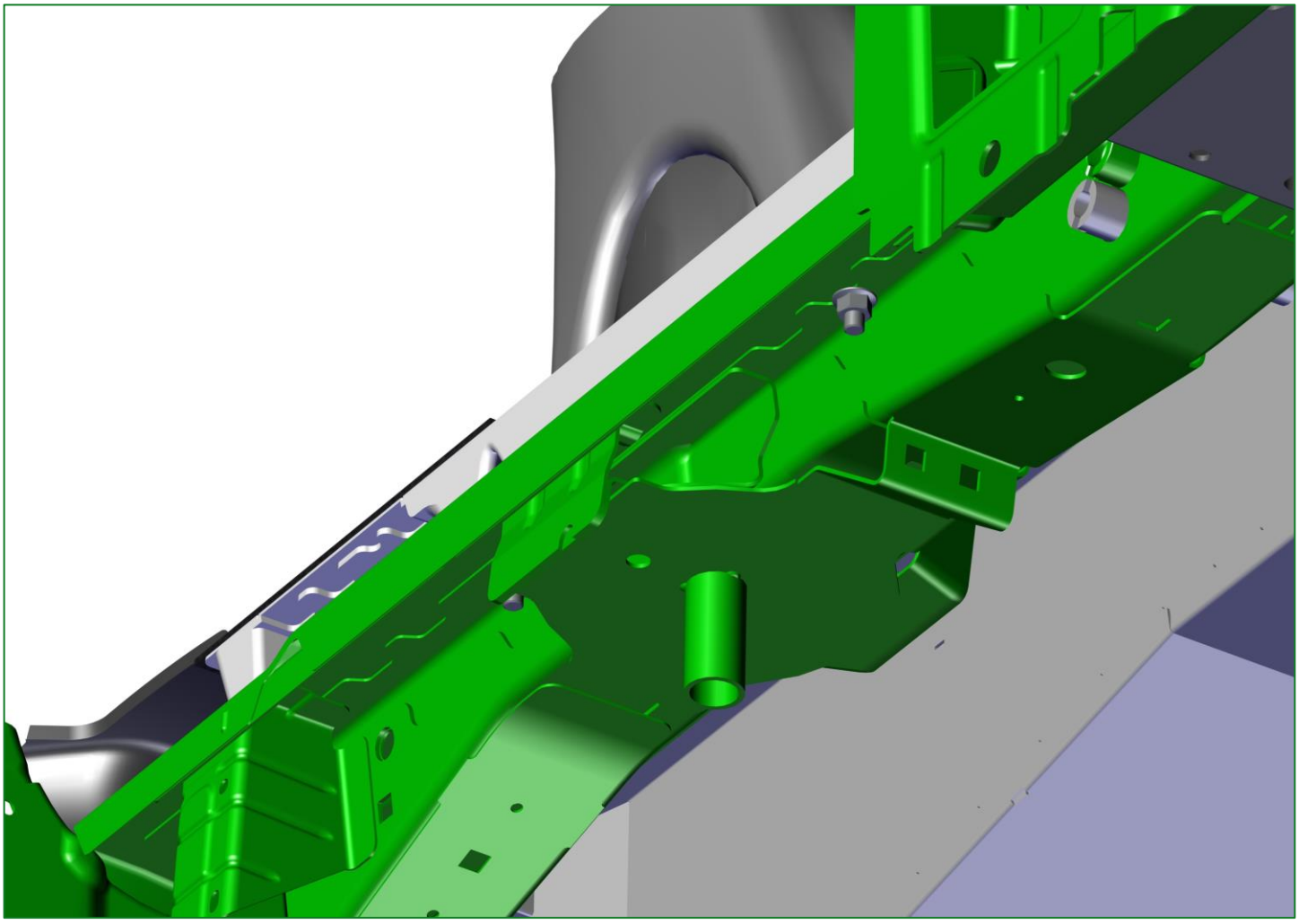
NO.	QTY.	PART	DESCRIPTION
2	4	16347	Hexagon tap bolt EV M10x80 10.9
1	1	16179	Seat leg assembly
3	4	181	Sheet-metal ring M10 10x30x2.5
4	4		Spacer 51mm

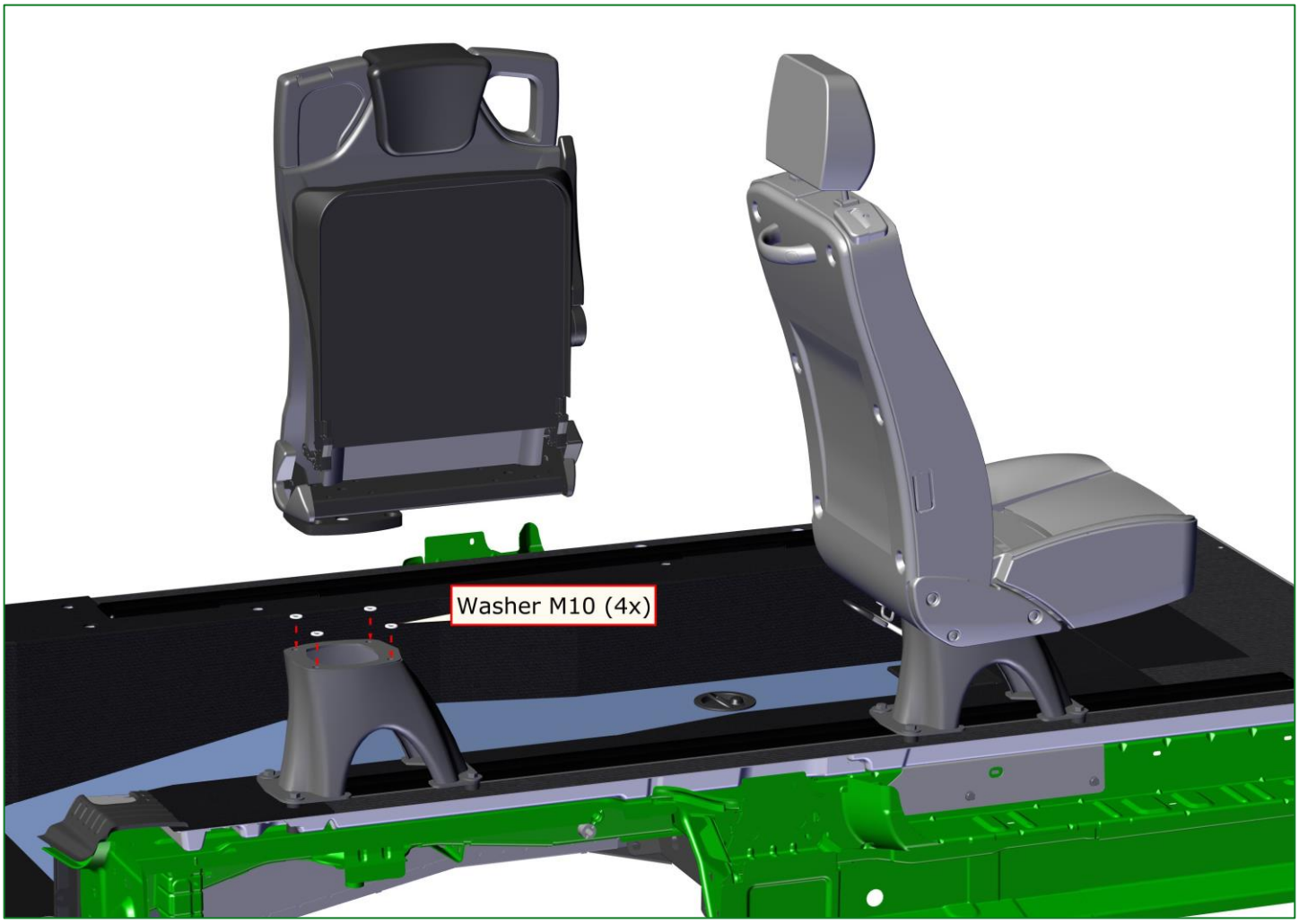

BLUE
Loctite
#241
51,00 mm(4x)

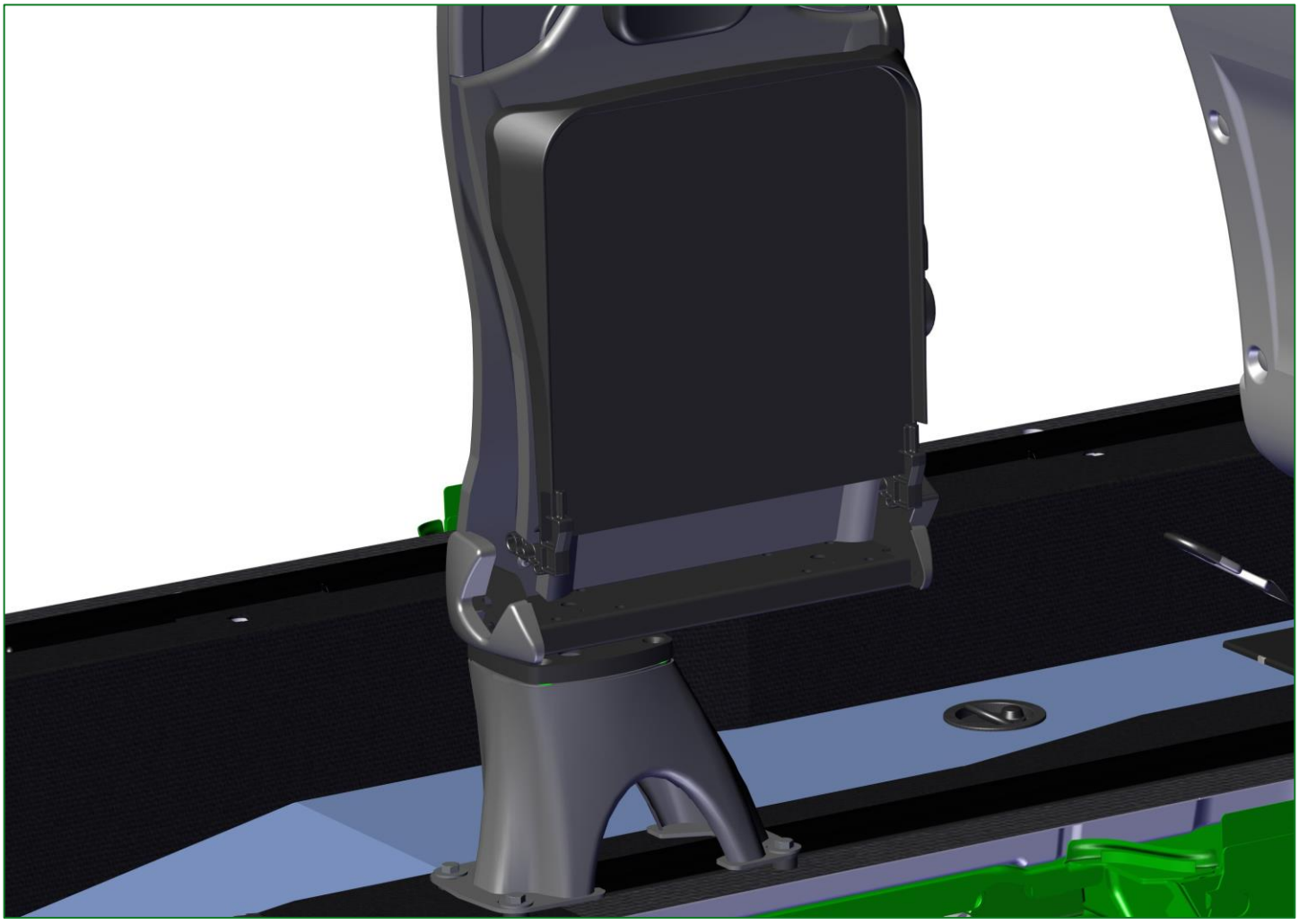


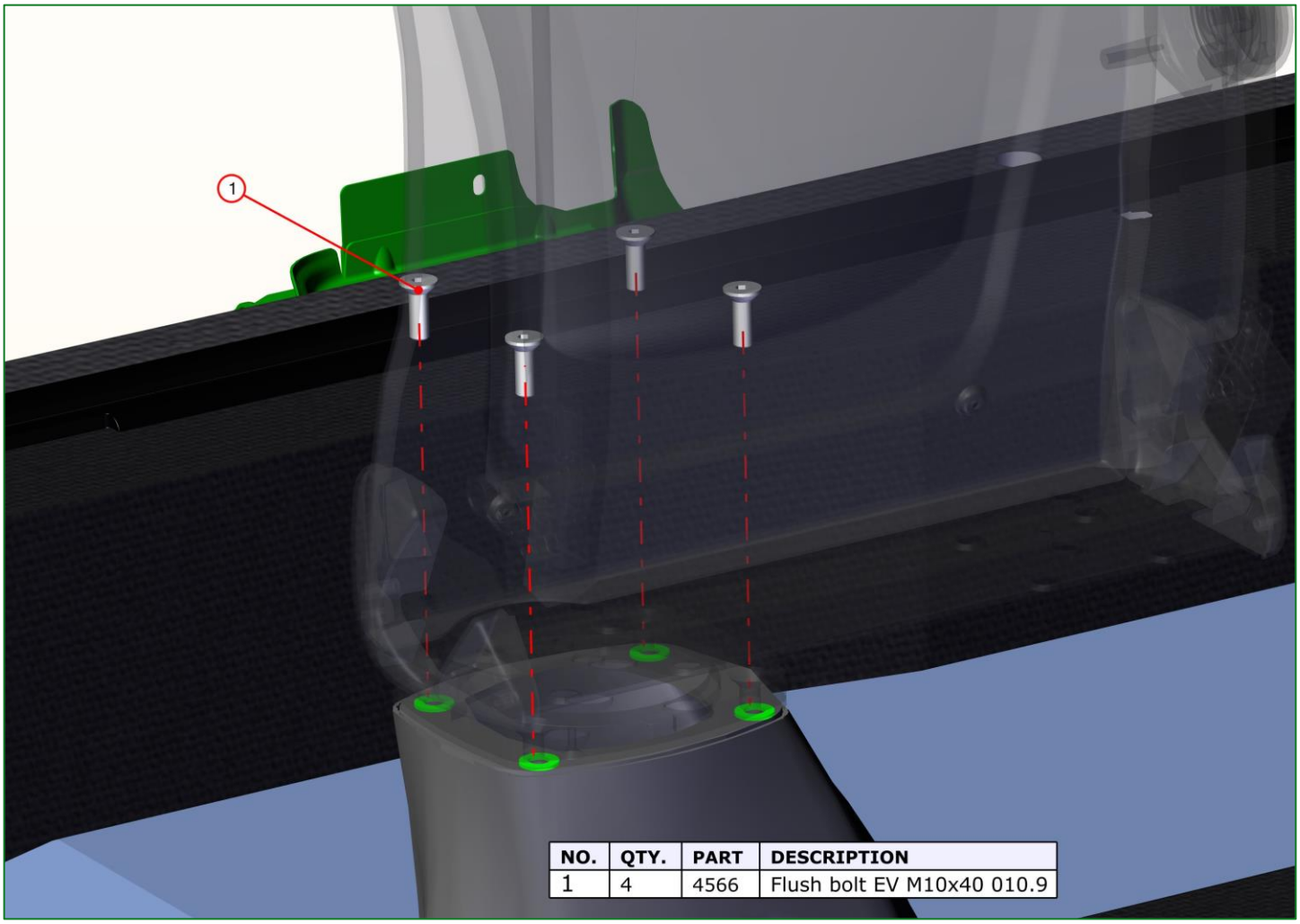


NO.	QTY.	PART	DESCRIPTION
1	4	11339	Plate nut M10 EV

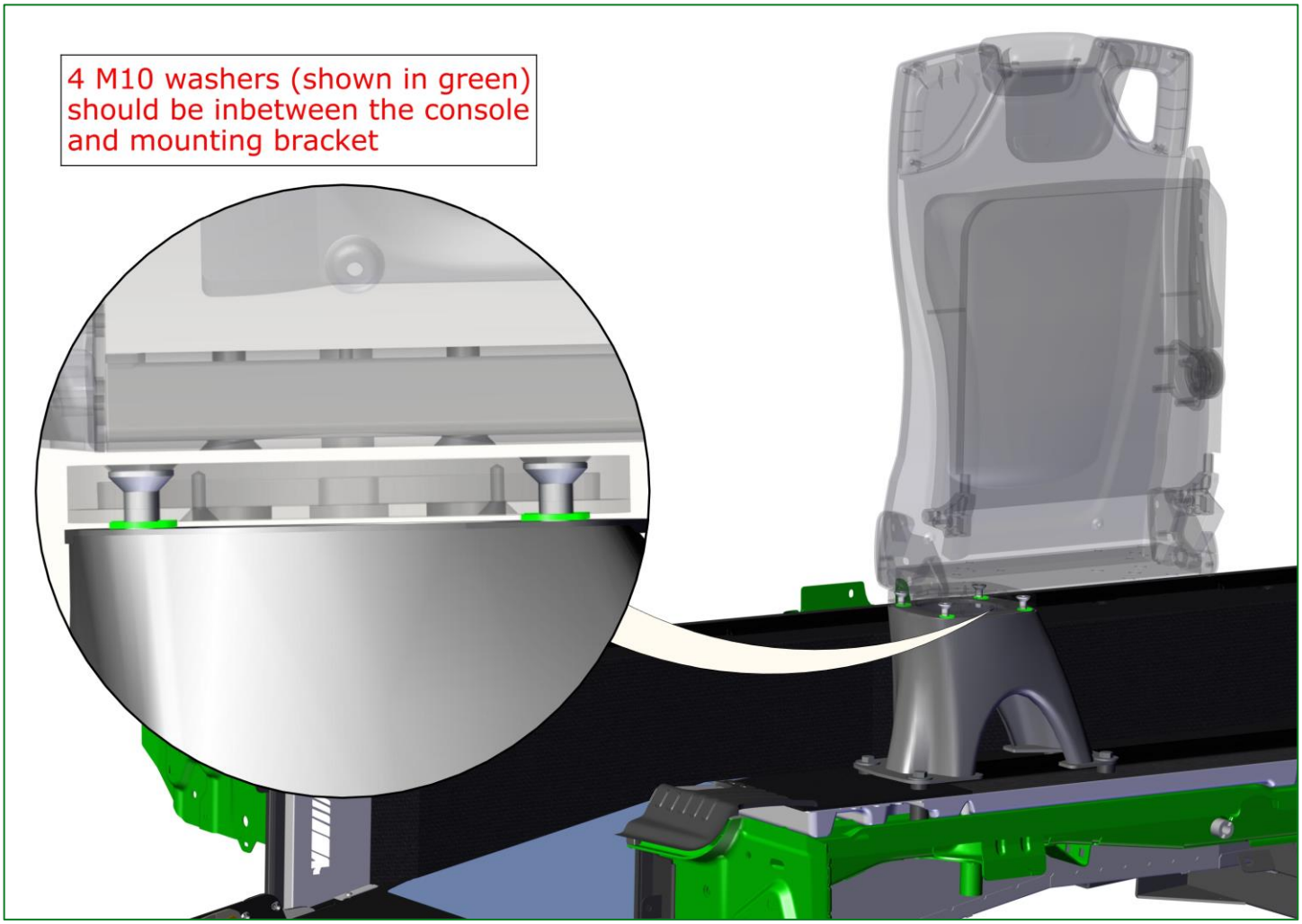


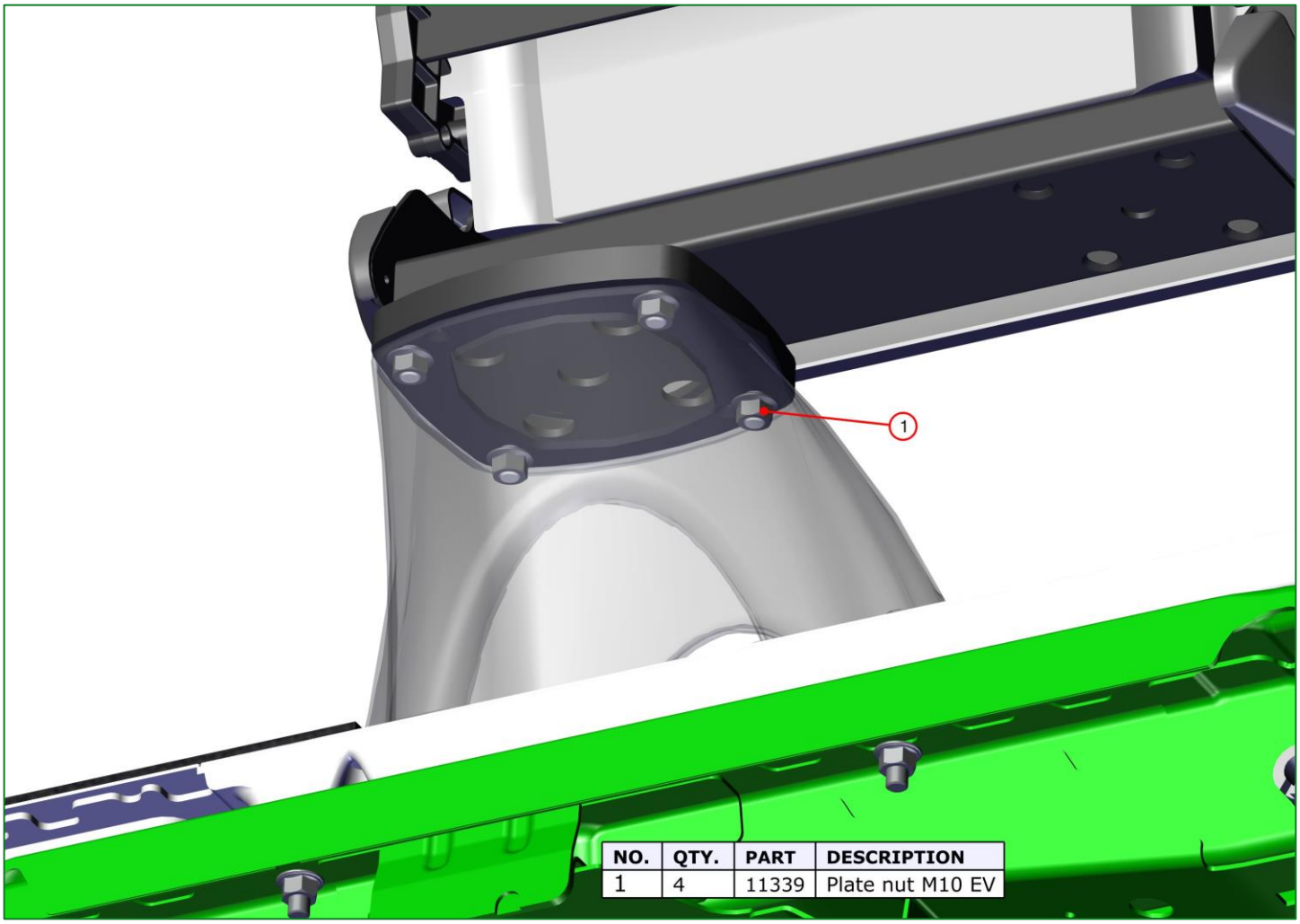

Washer M10 (4x)



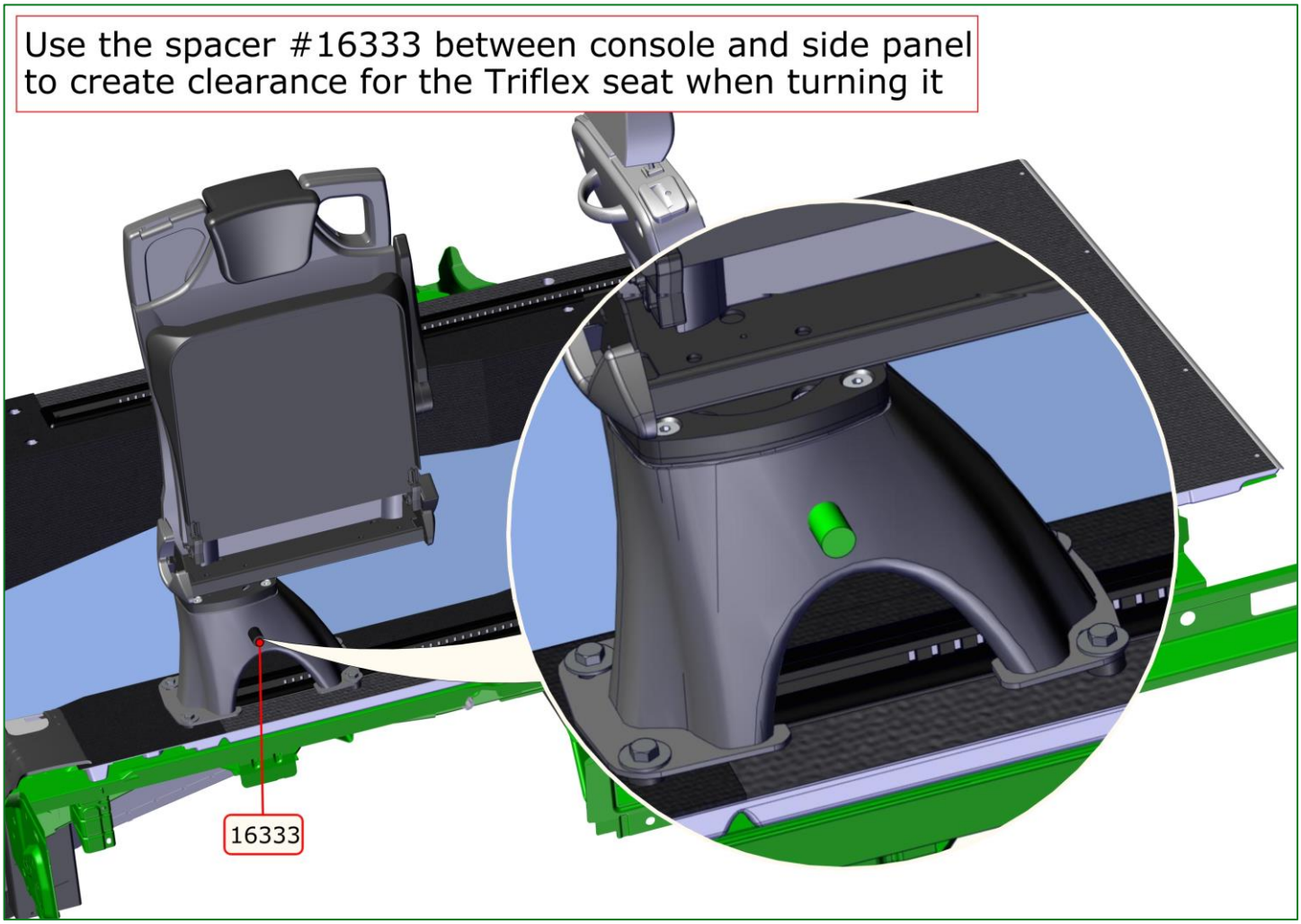


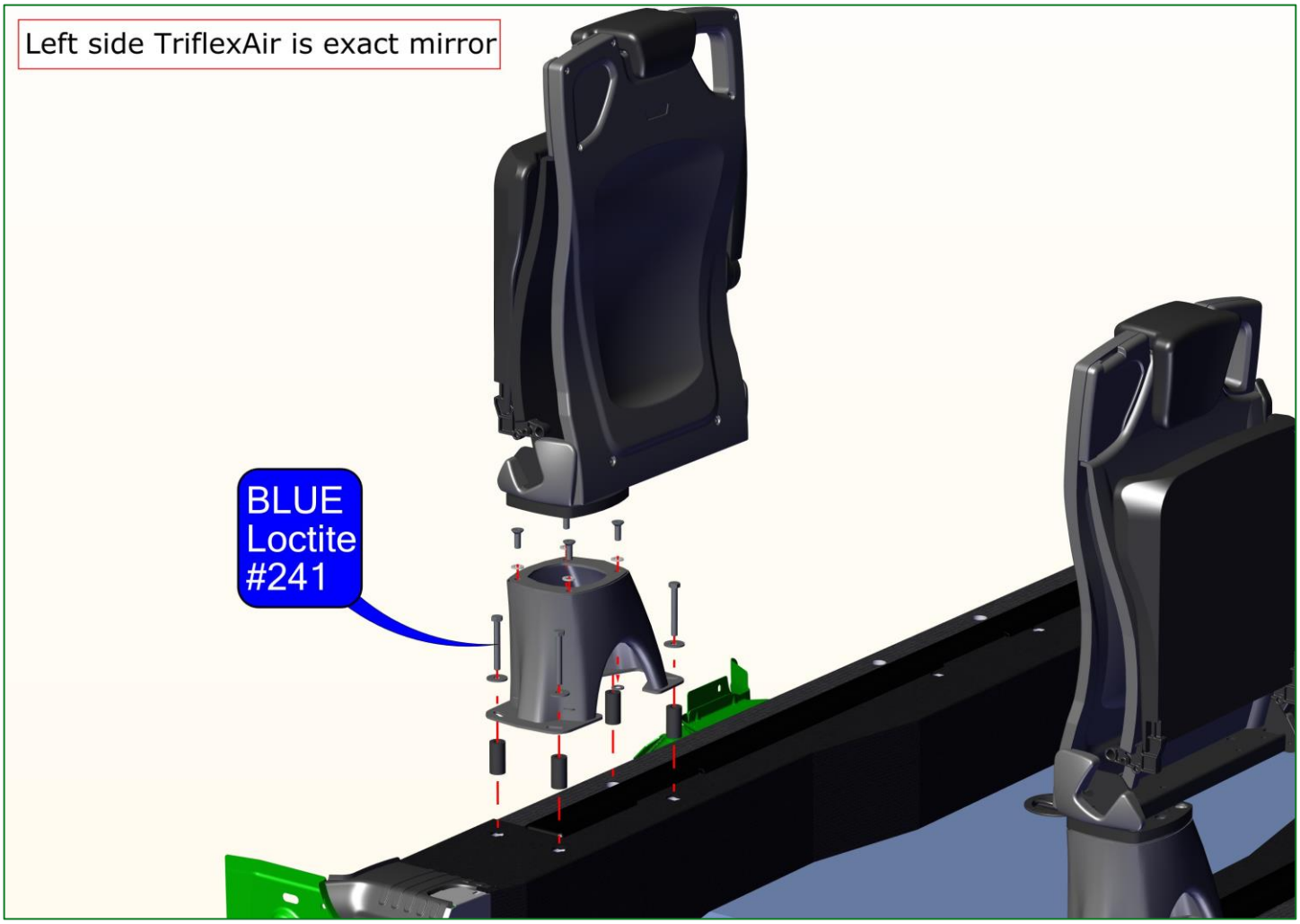
NO.	QTY.	PART	DESCRIPTION
1	4	4566	Flush bolt EV M10x40 010.9



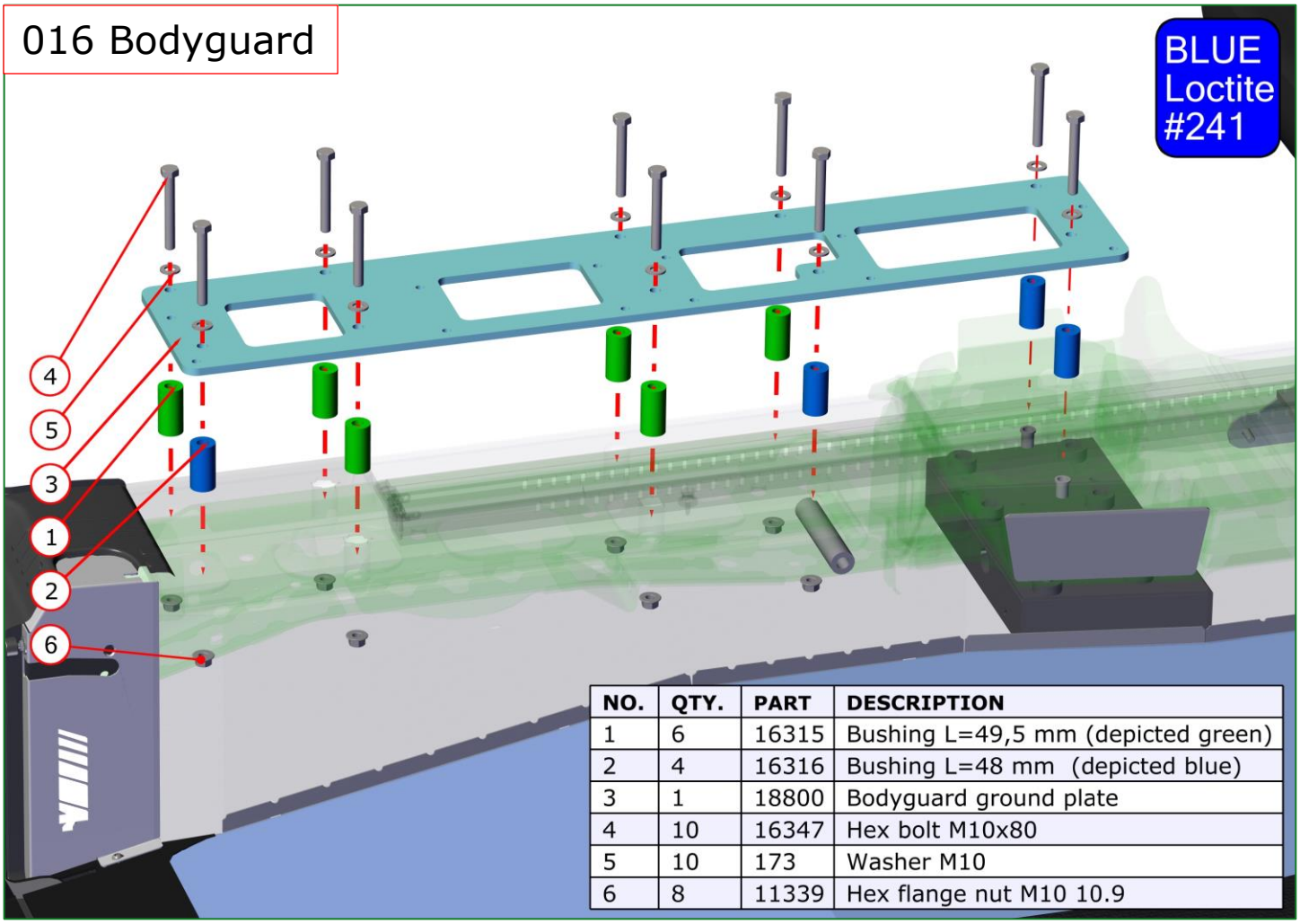


NO.	QTY.	PART	DESCRIPTION
1	4	11339	Plate nut M10 EV

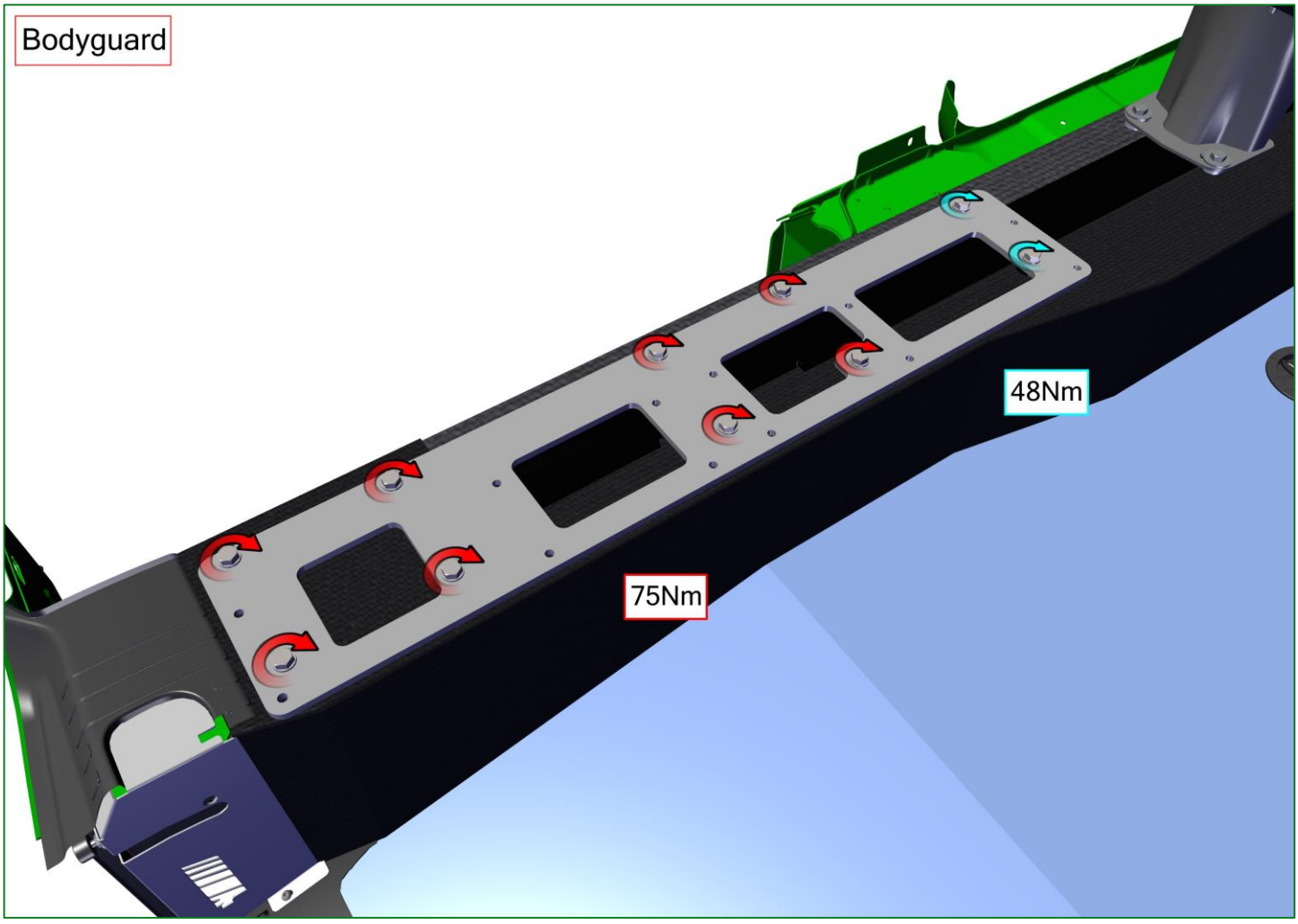



Left side TriflexAir is exact mirror
BLUE
Loctite
#241

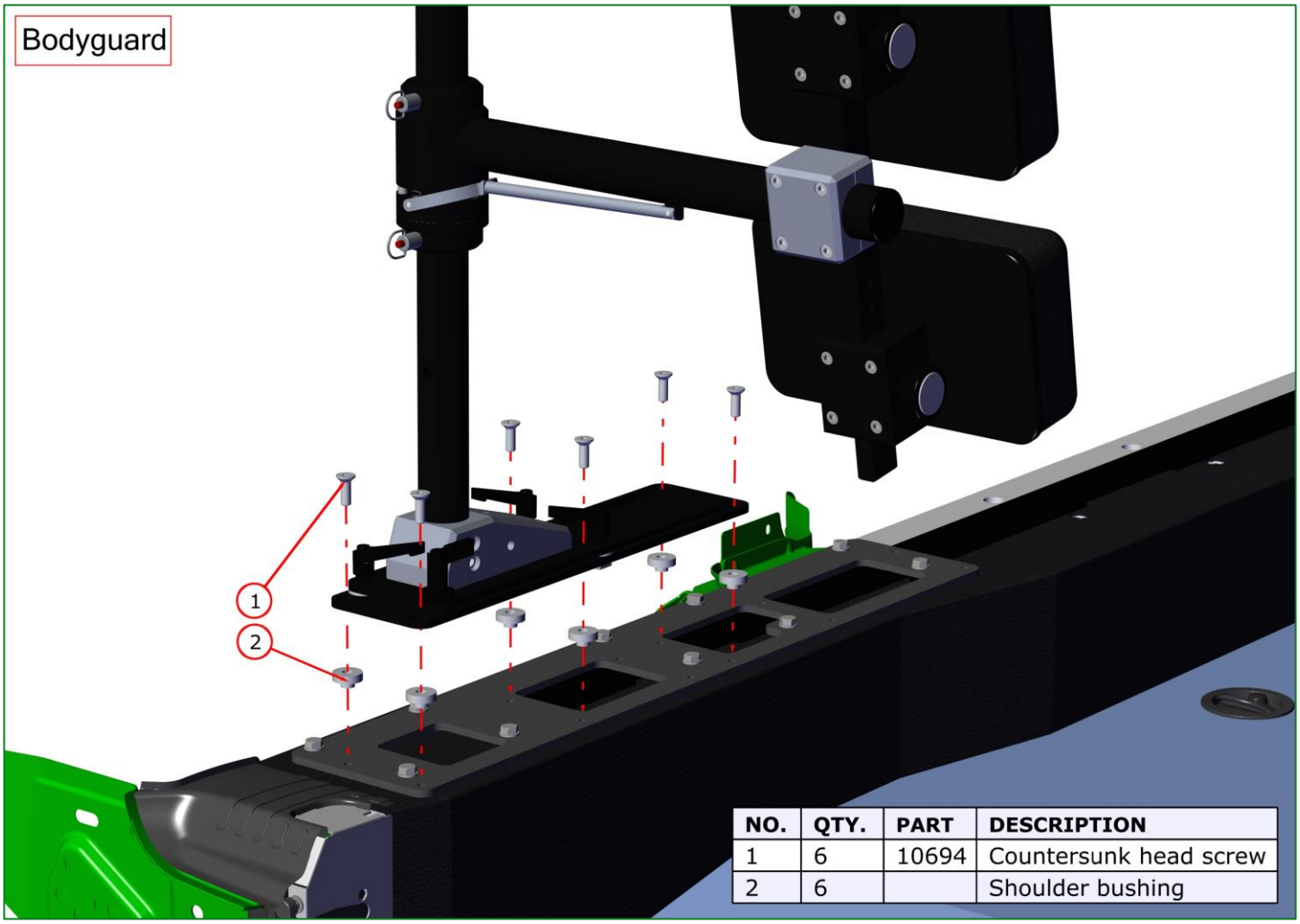
016 Bodyguard



NO.	QTY.	PART	DESCRIPTION
1	6	16315	Bushing L=49,5 mm (depicted green)
2	4	16316	Bushing L=48 mm (depicted blue)
3	1	18800	Bodyguard ground plate
4	10	16347	Hex bolt M10x80
5	10	173	Washer M10
6	8	11339	Hex flange nut M10 10.9

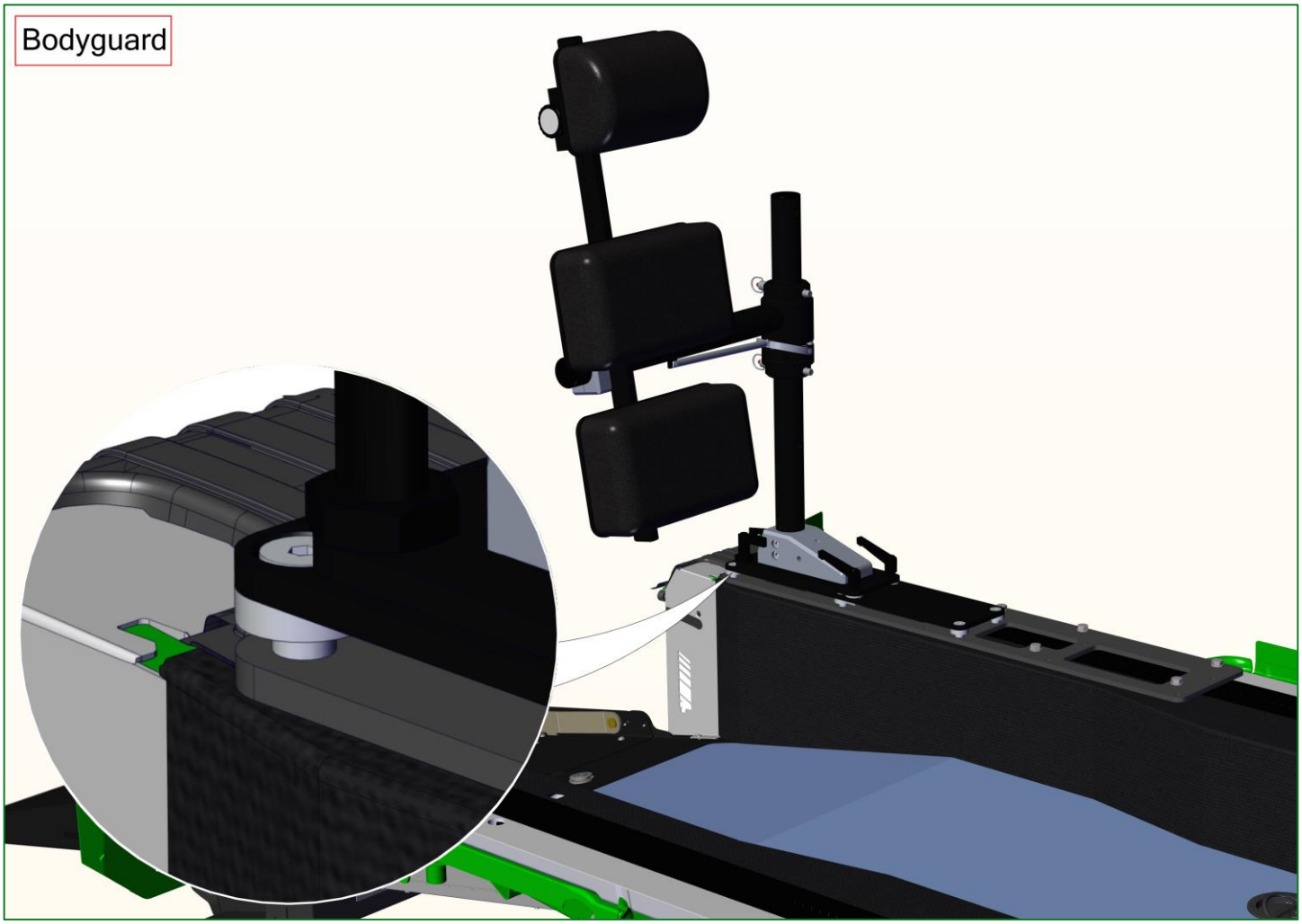


Bodyguard

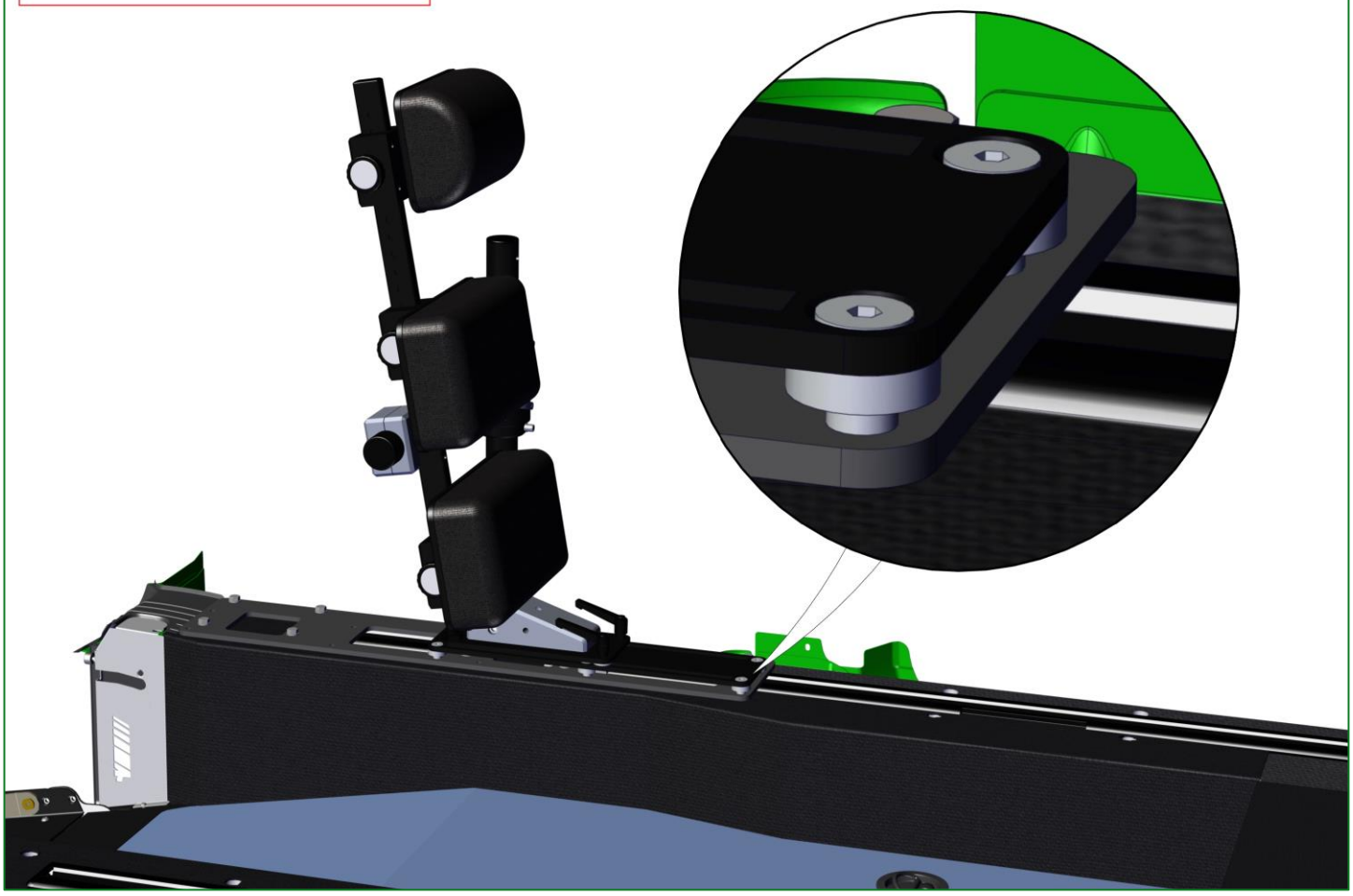


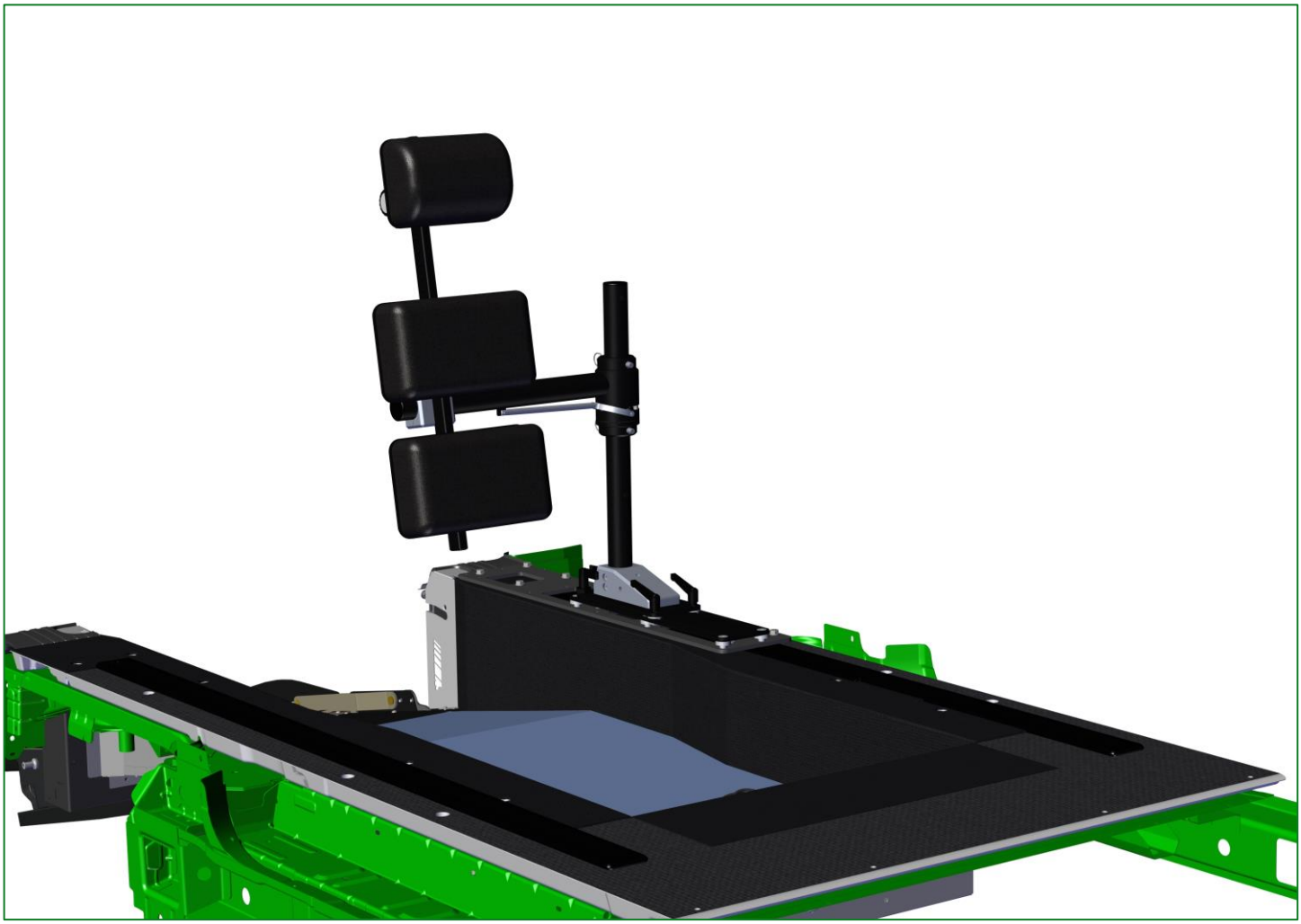
NO.	QTY.	PART	DESCRIPTION
1	6	10694	Countersunk head screw
2	6		Shoulder bushing

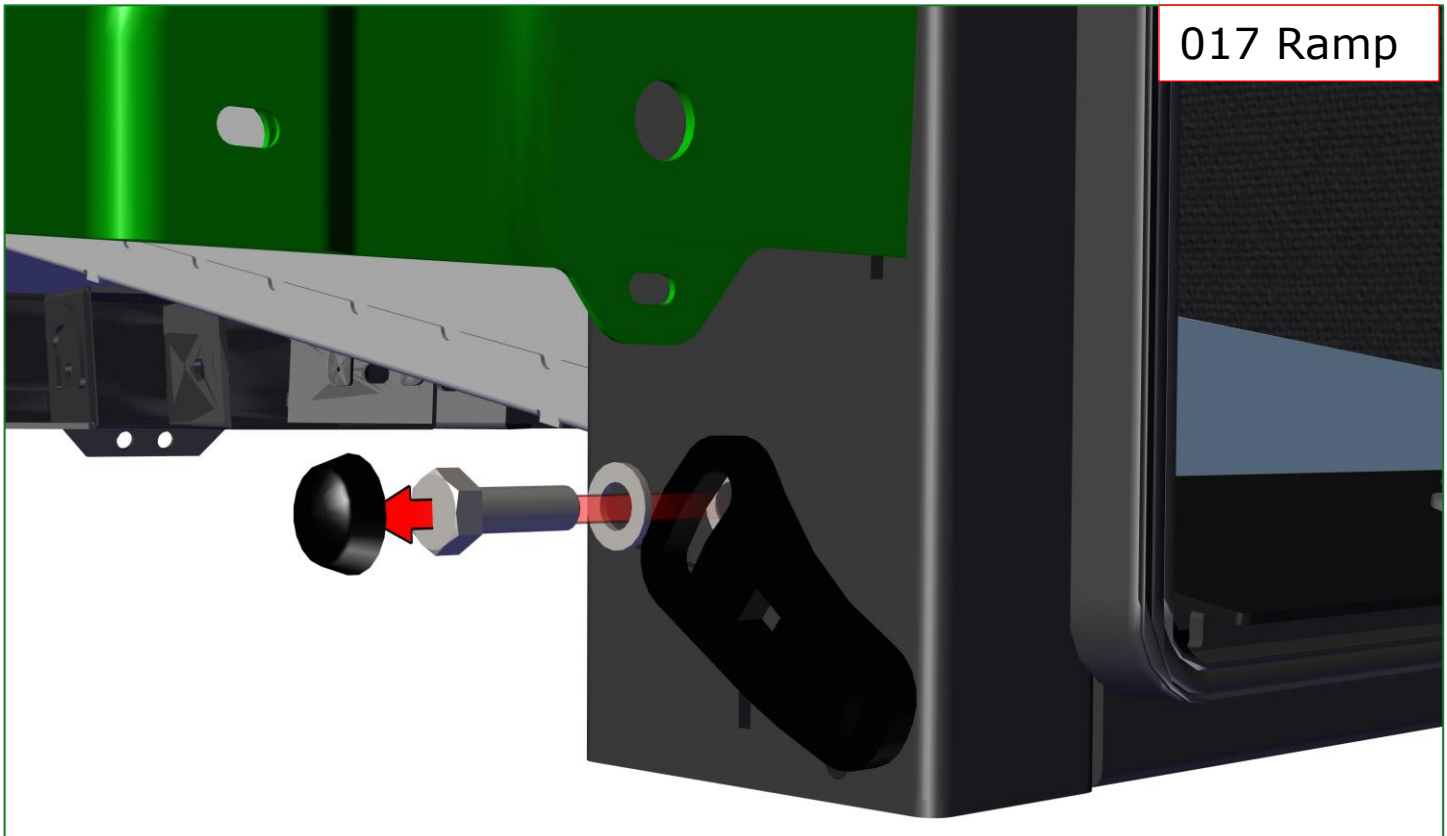
Bodyguard



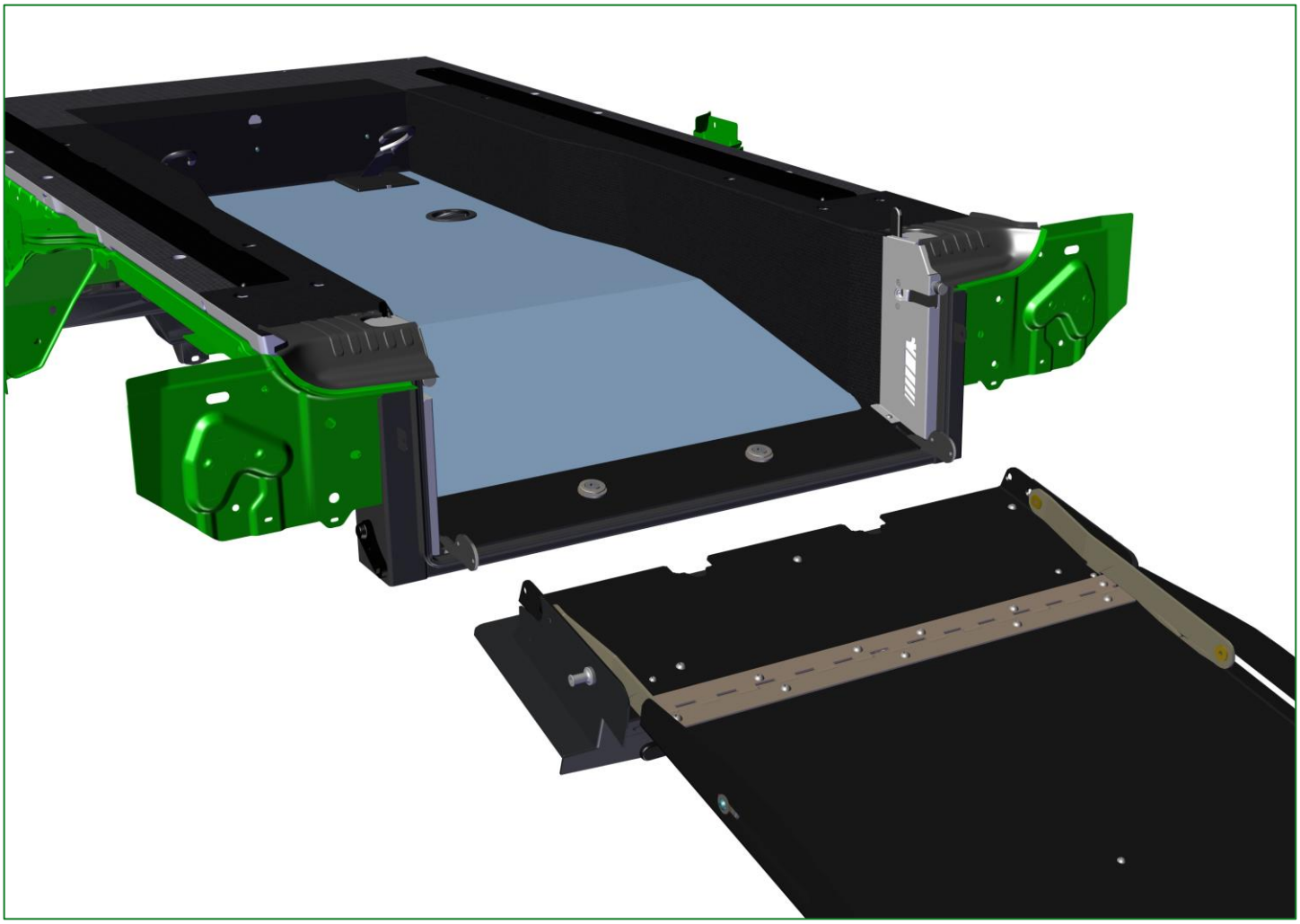
Bodyguard in front position

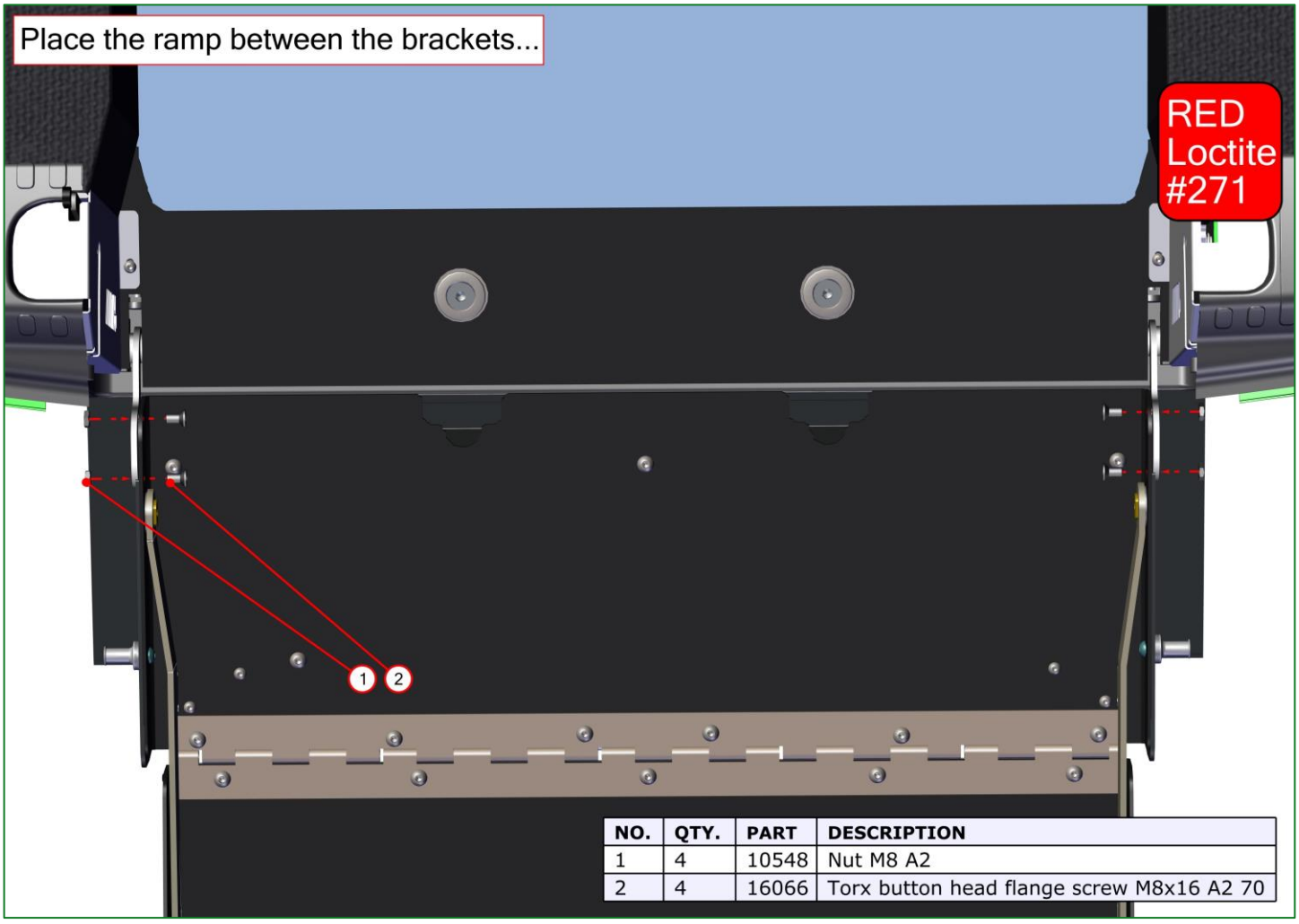




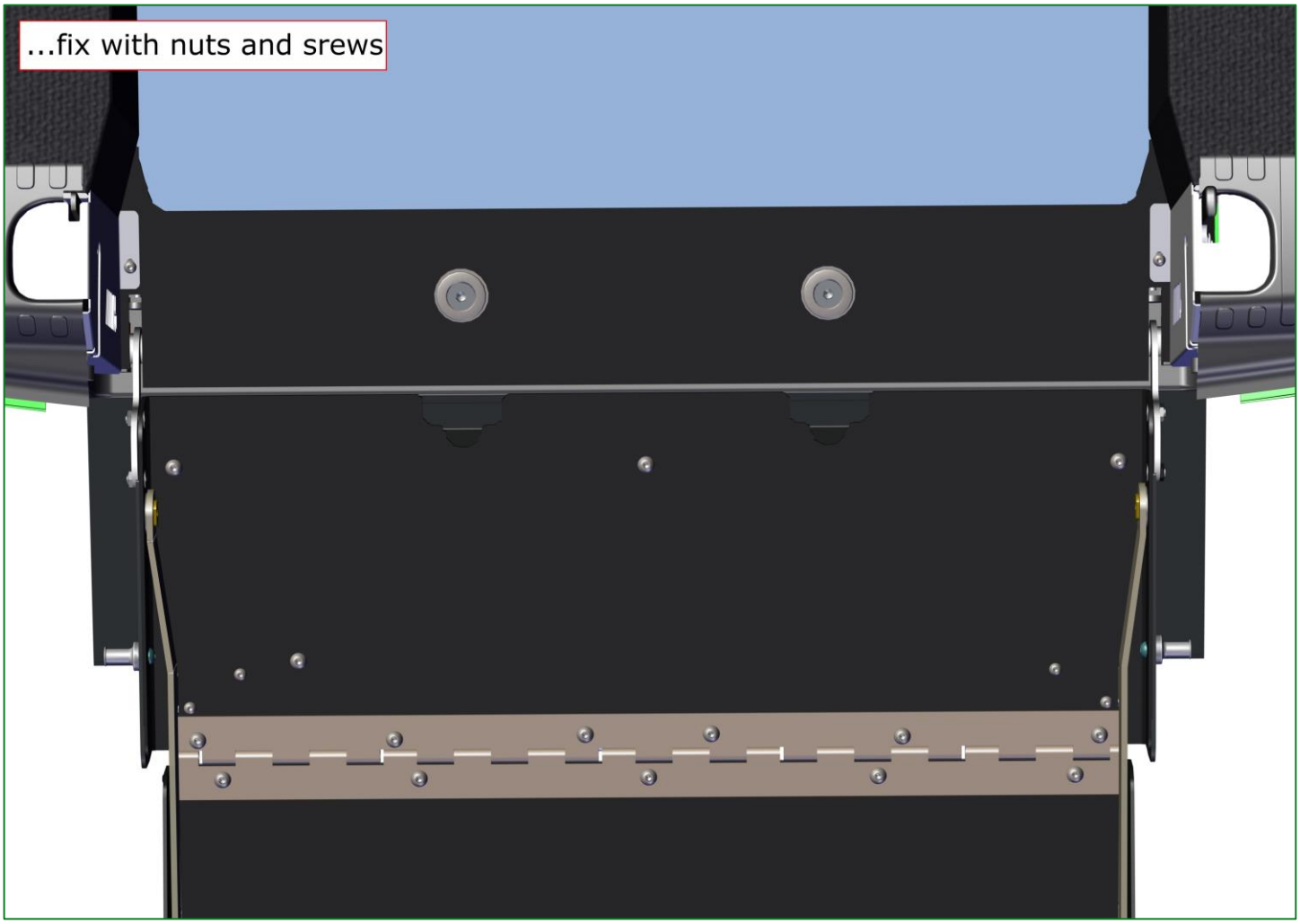


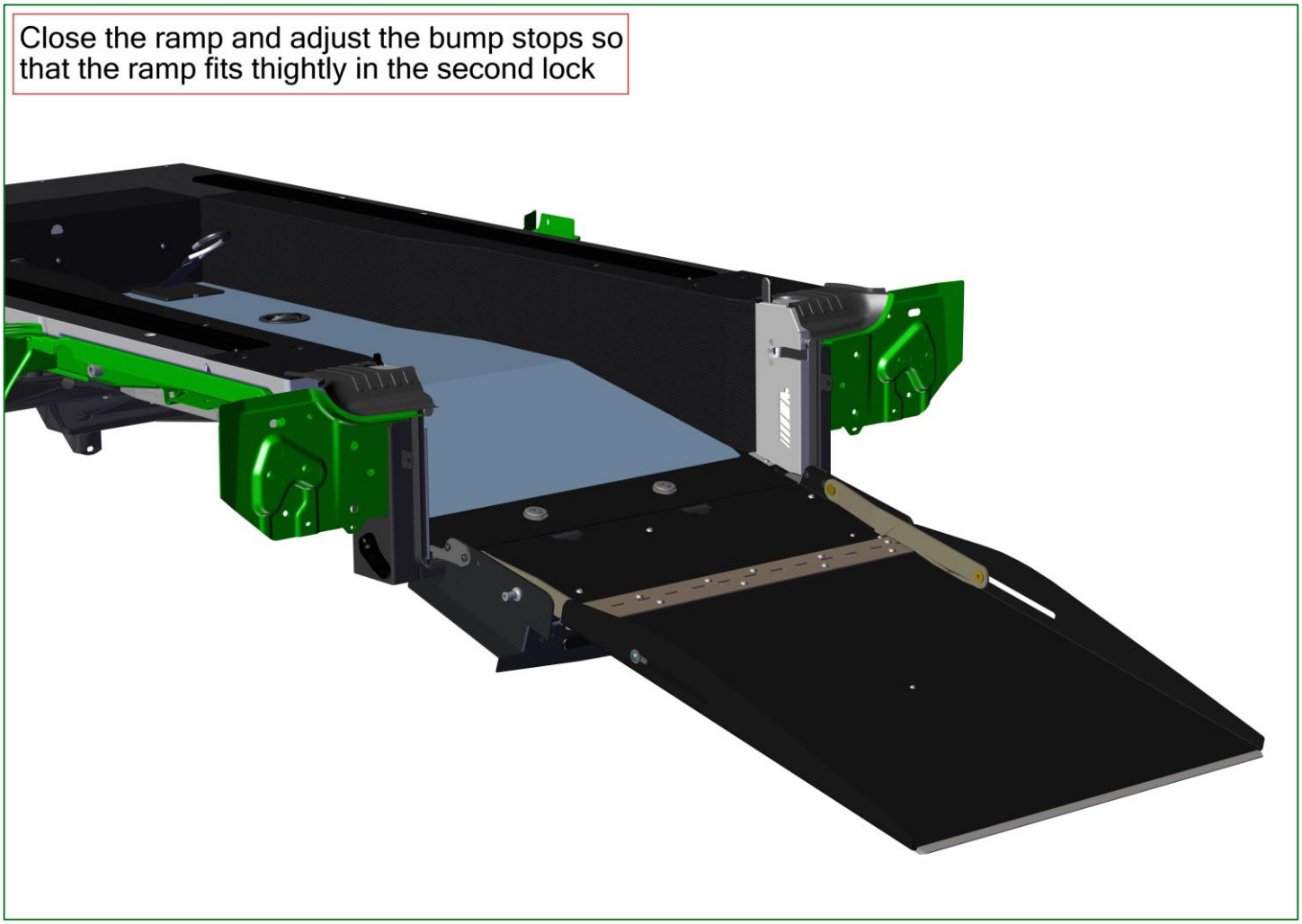
Before installing the ramp, remove these parts.

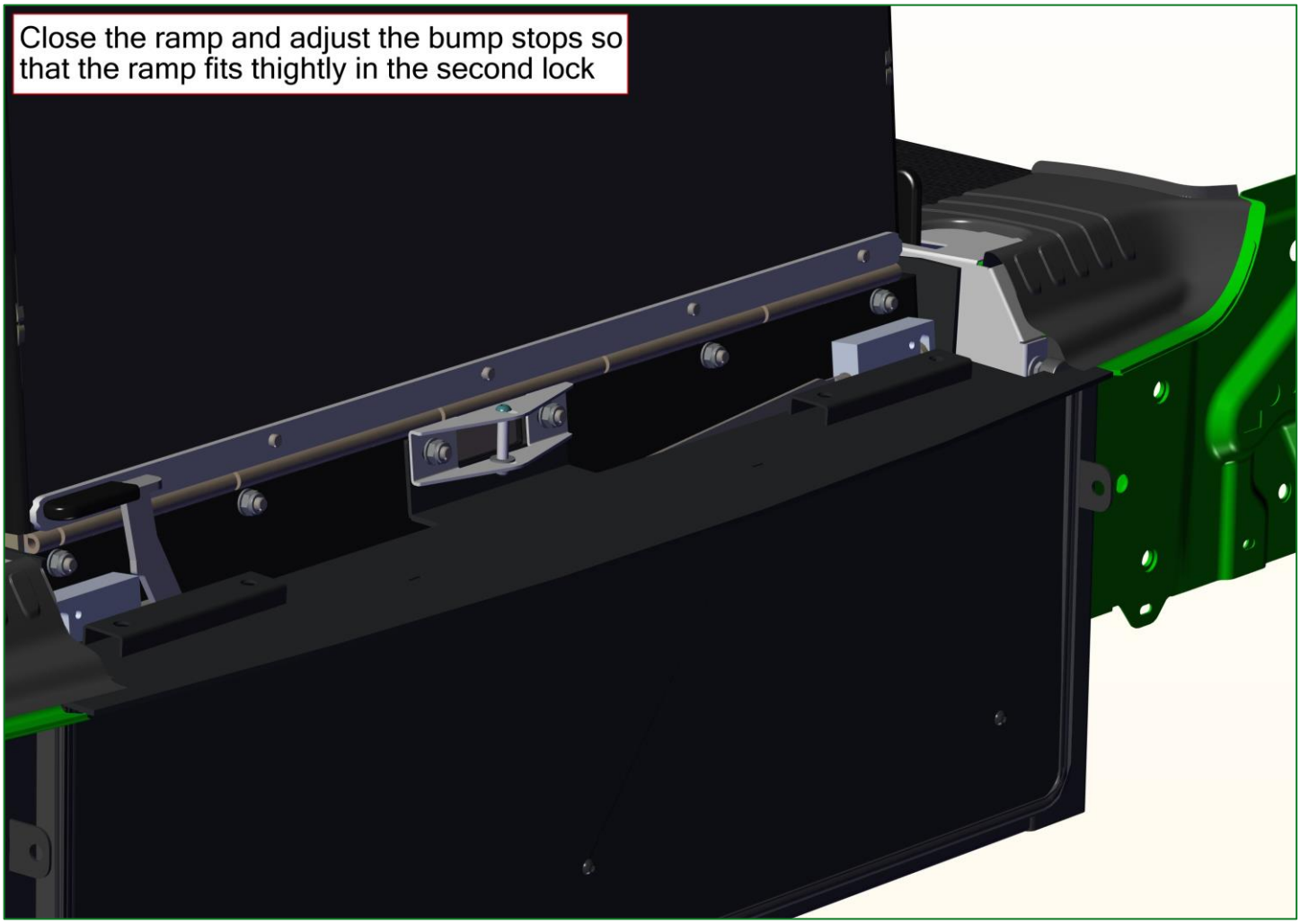


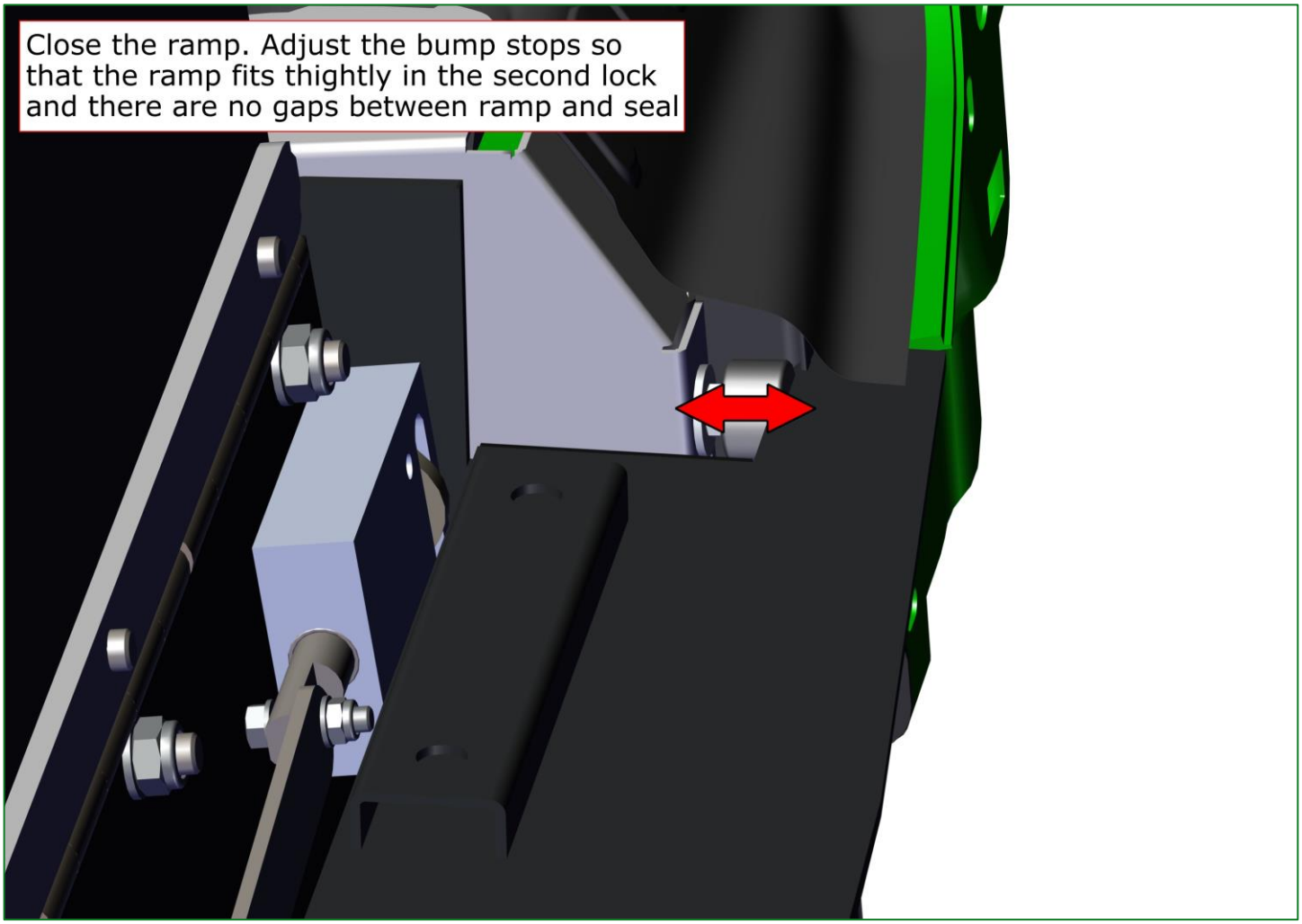


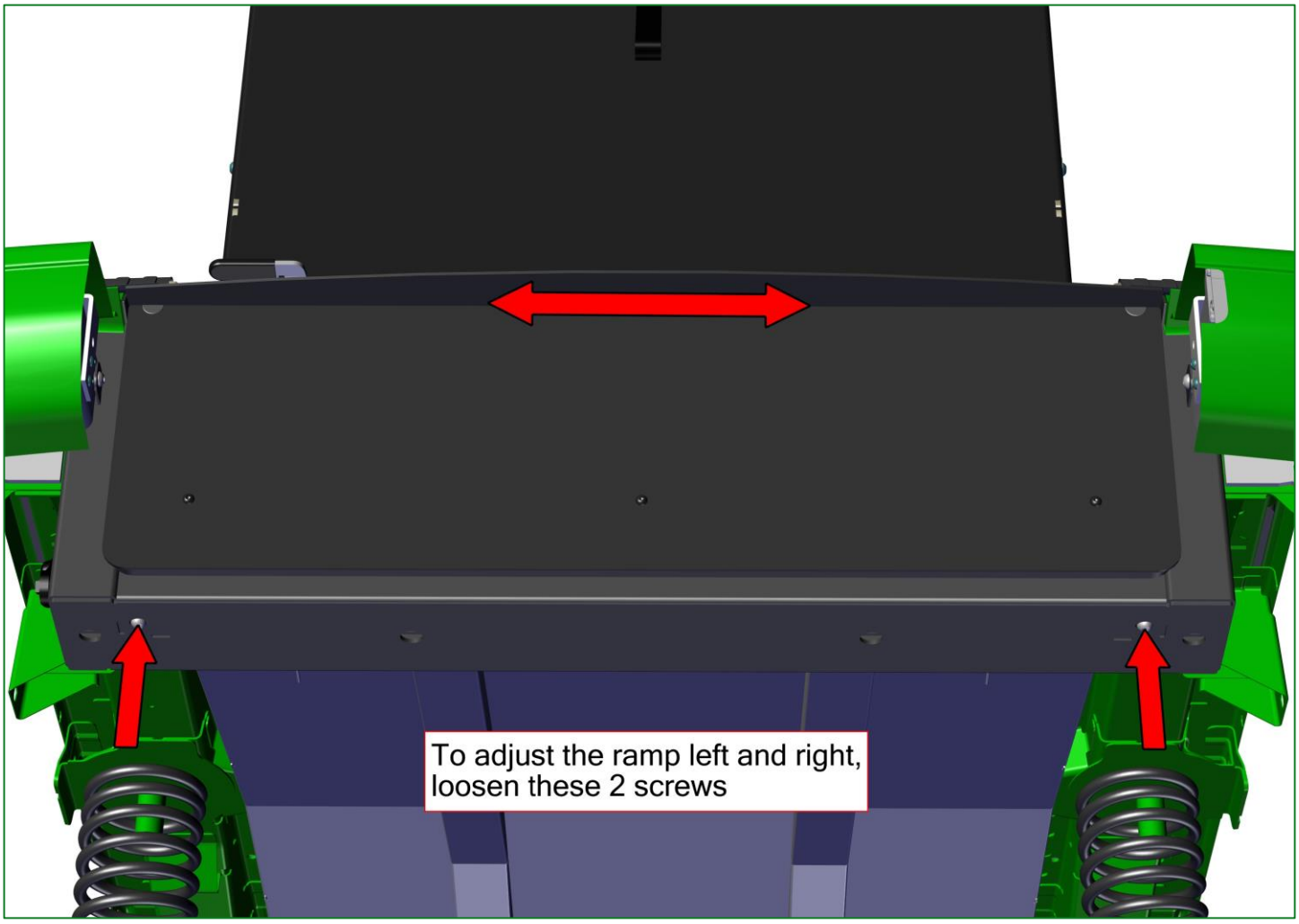
NO.	QTY.	PART	DESCRIPTION
1	4	10548	Nut M8 A2
2	4	16066	Torx button head flange screw M8x16 A2 70

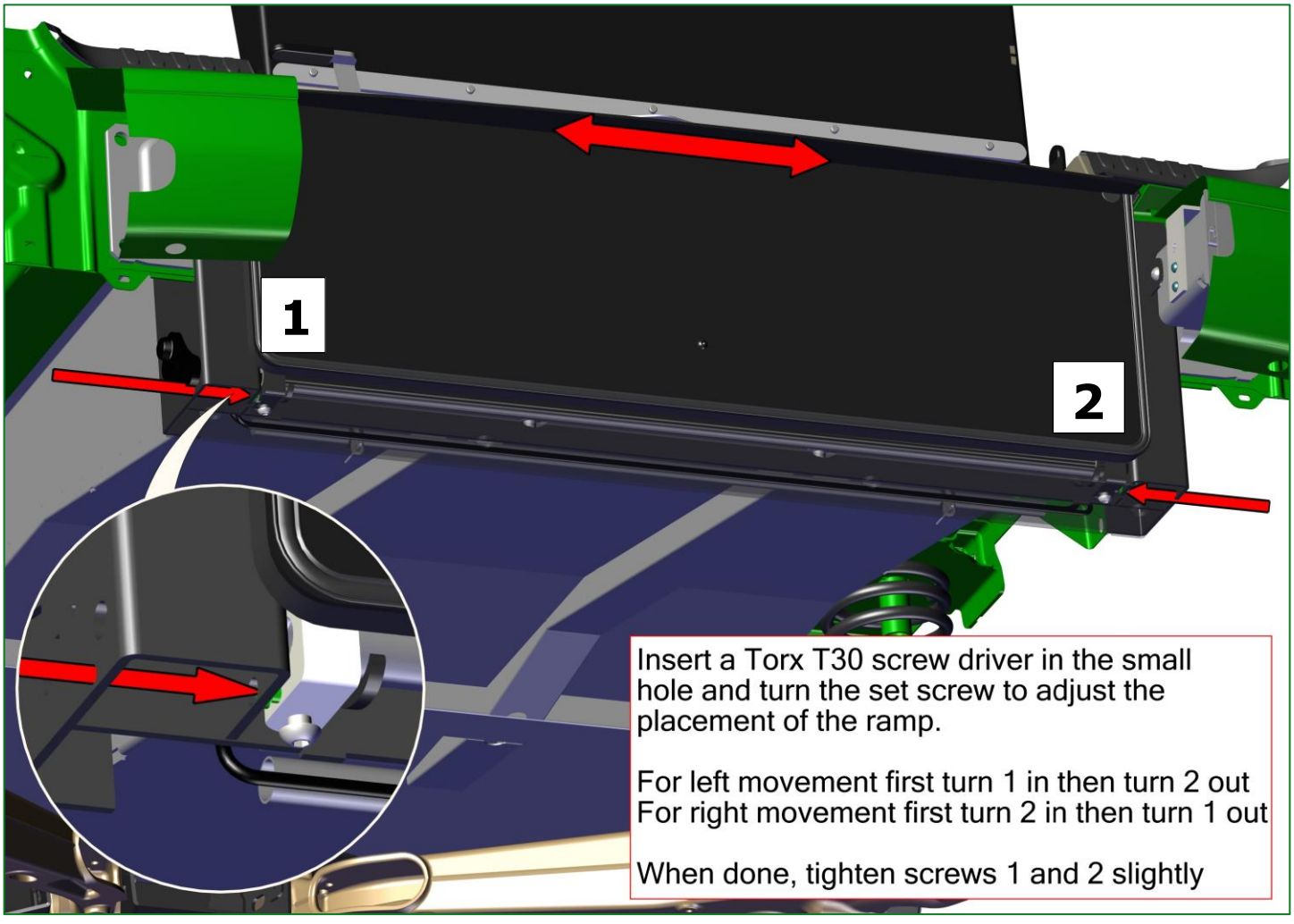

...fix with nuts and srews

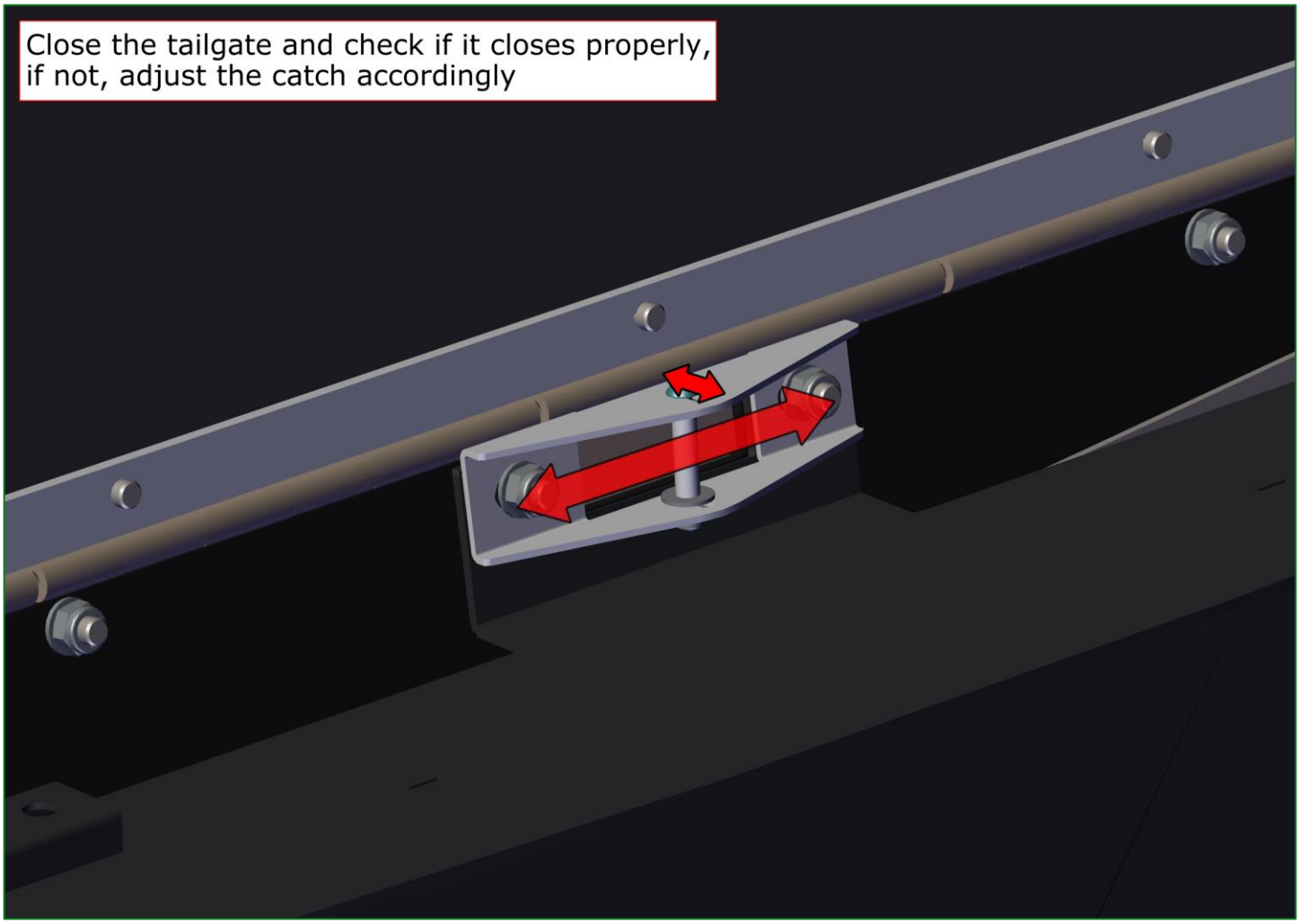

Close the ramp and adjust the bump stops so
that the ramp fits thightly in the second lock

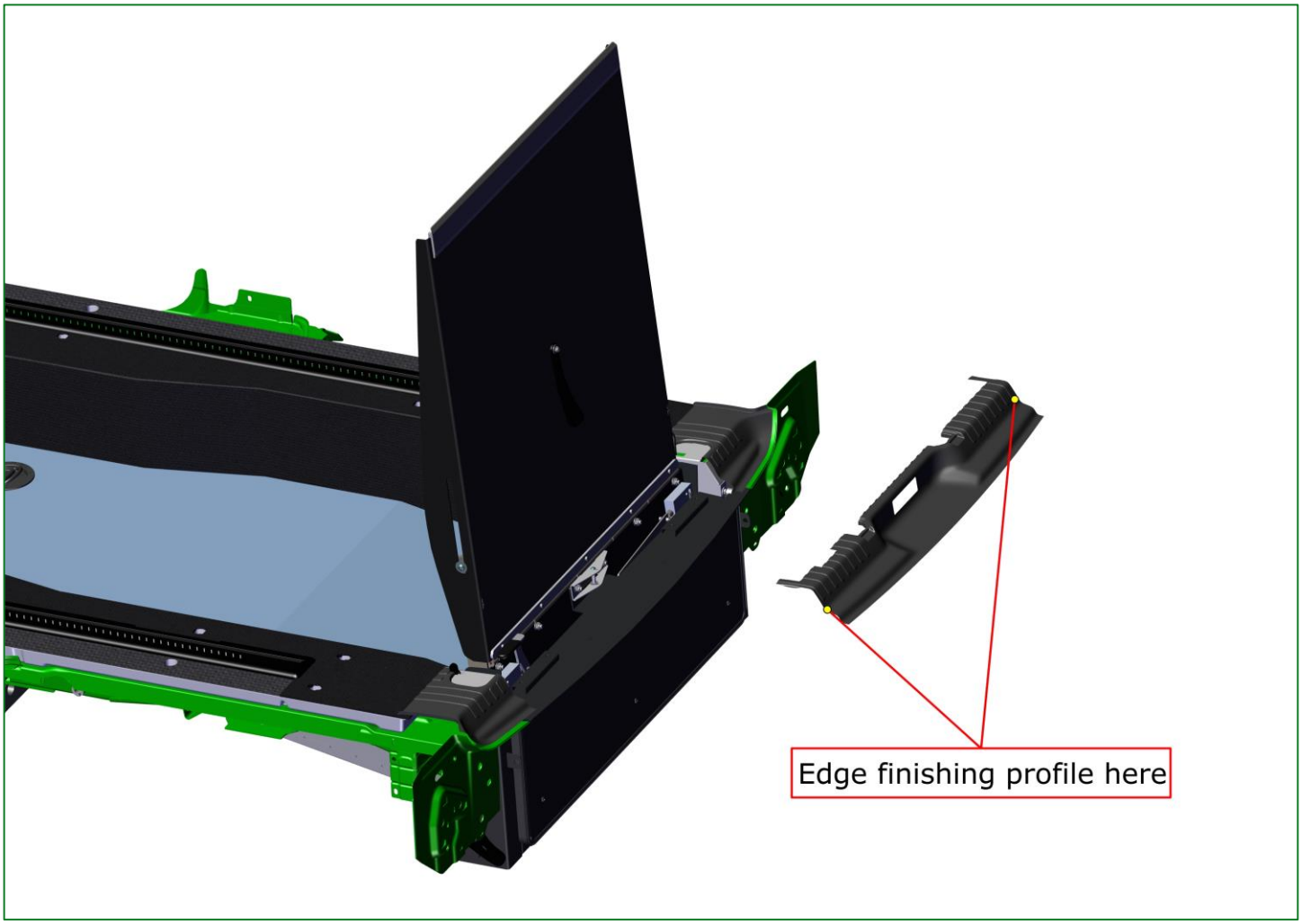

Close the ramp and adjust the bump stops so that the ramp fits thightly in the second lock

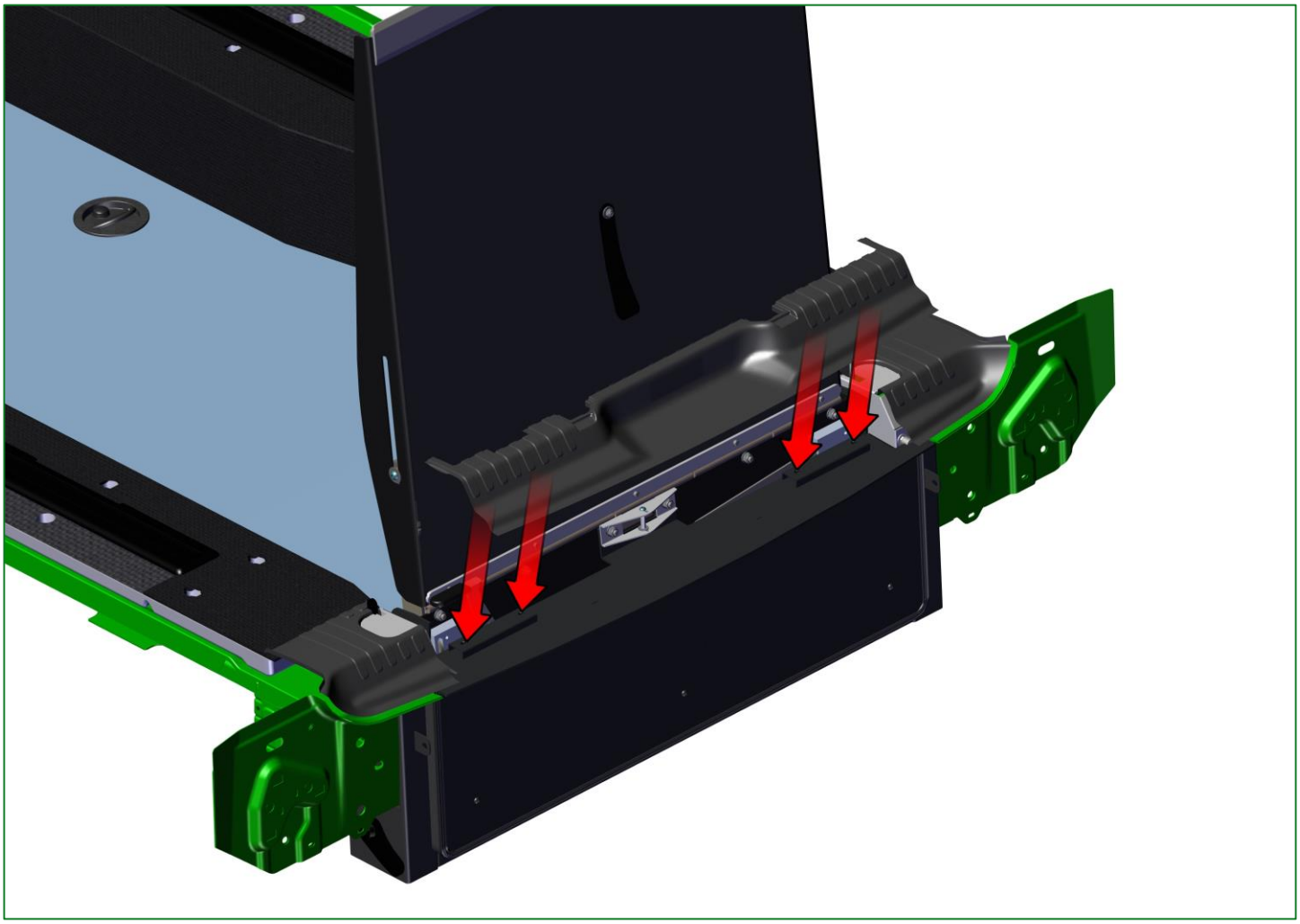

Close the ramp. Adjust the bump stops so that the ramp fits thightly in the second lock and there are no gaps between ramp and seal


To adjust the ramp left and right,
loosen these 2 screws

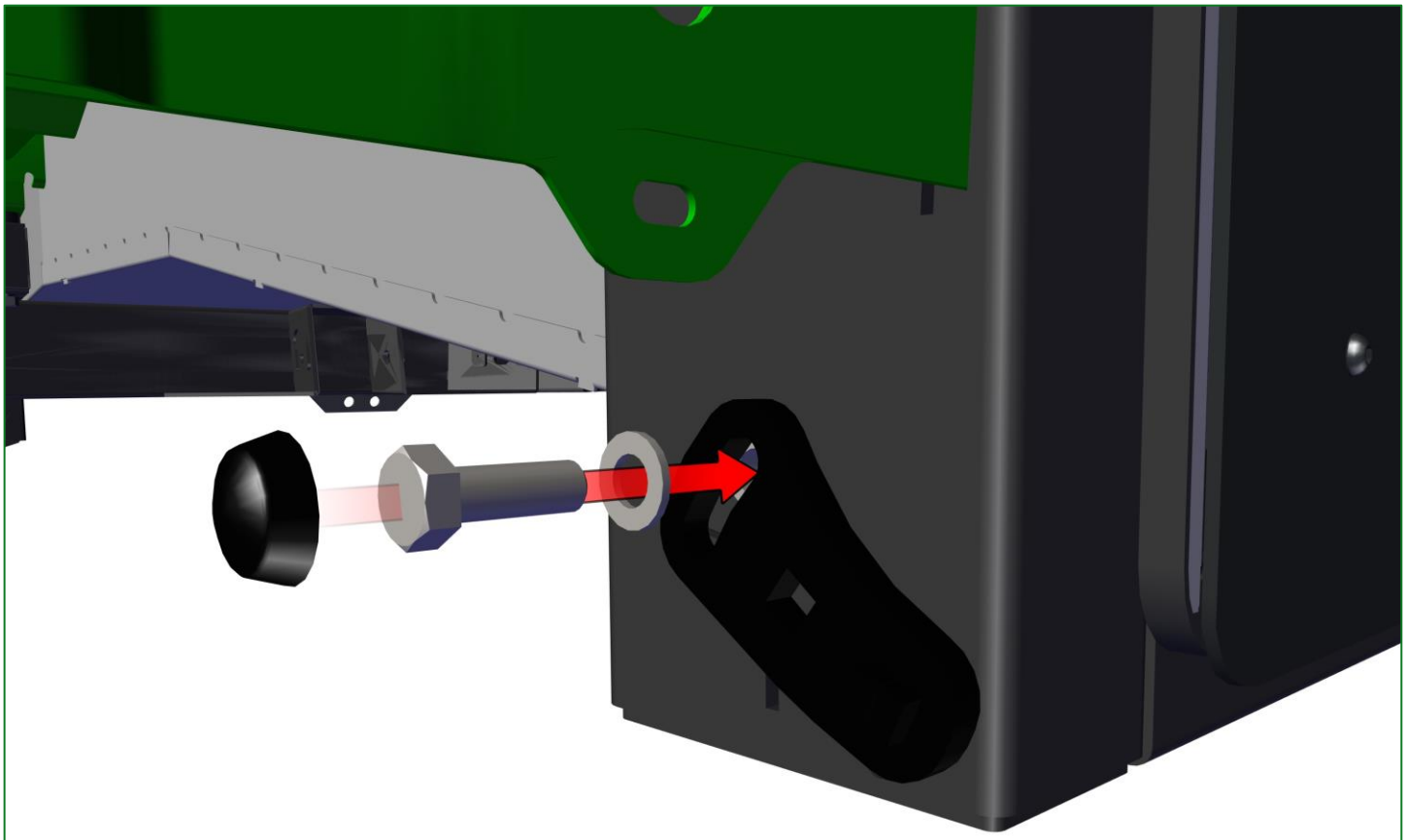

1
2
Insert a Torx T30 screw driver in the small hole and turn the set screw to adjust the placement of the ramp.
For left movement first turn 1 in then turn 2 out
For right movement first turn 2 in then turn 1 out
When done, tighten screws 1 and 2 slightly


Close the tailgate and check if it closes properly,
if not, adjust the catch accordingly

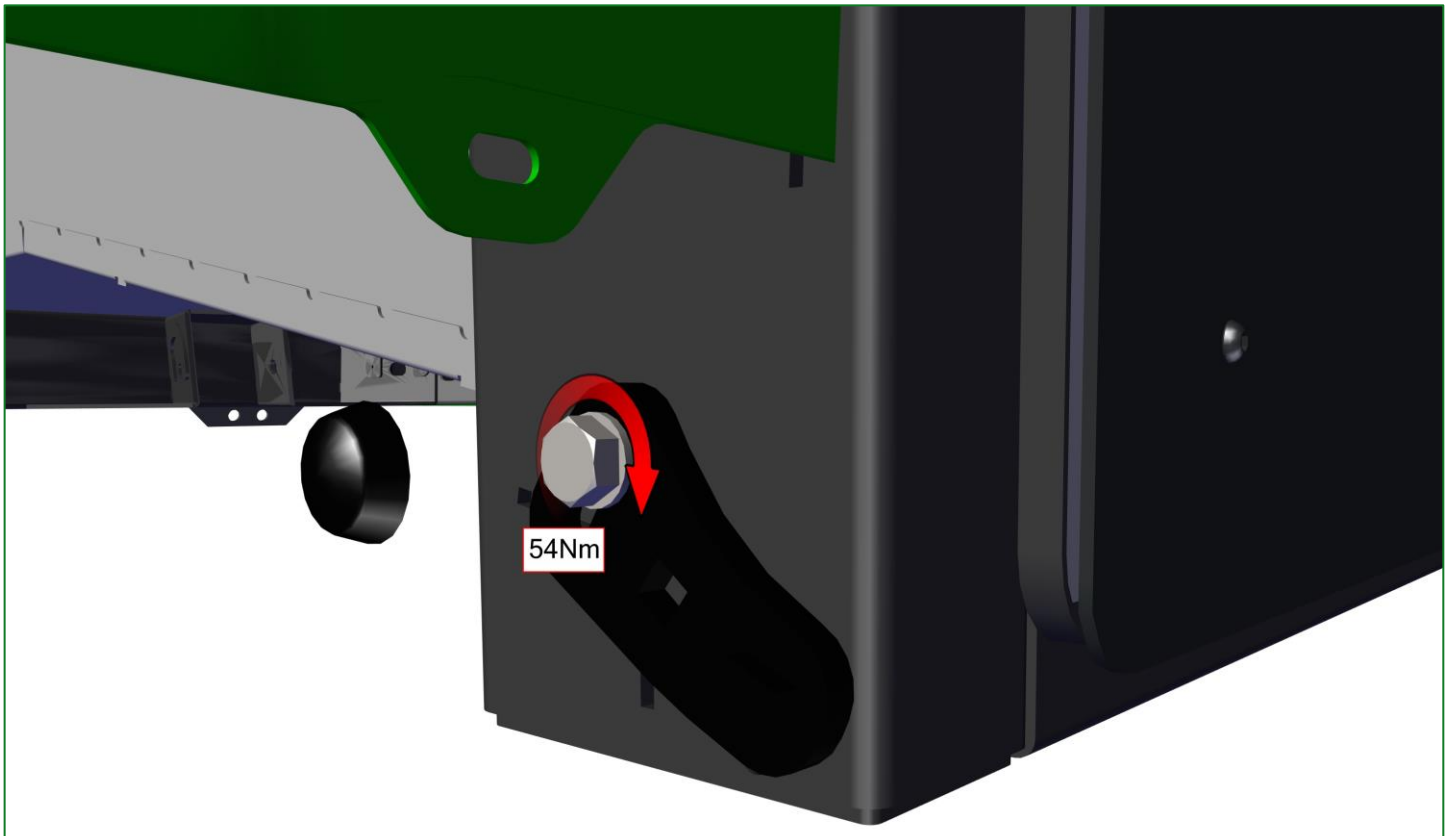

Edge finishing profile here



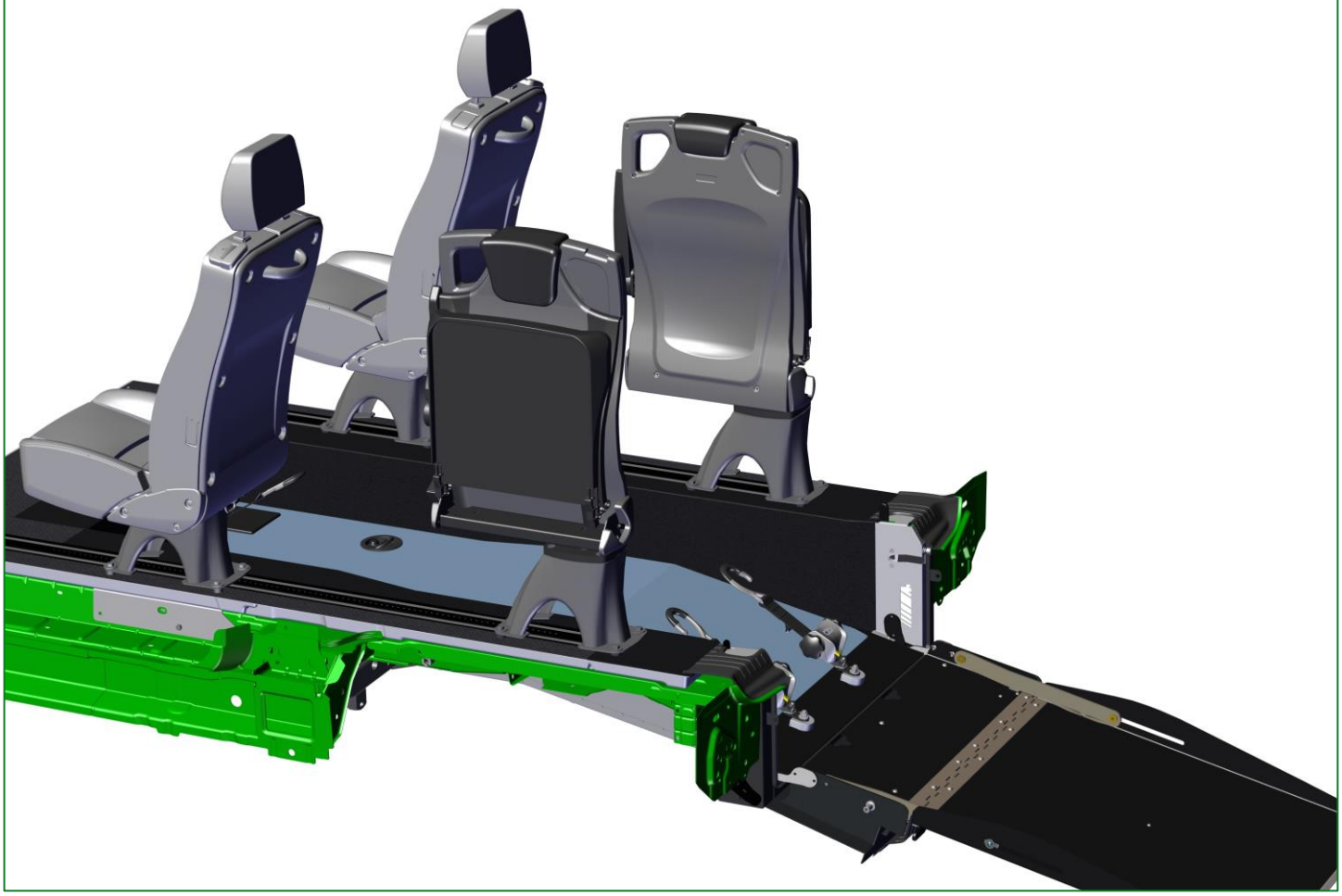
With the ramp in upright position, turn the torsion spring as far counter clockwise as possible. Like shown.

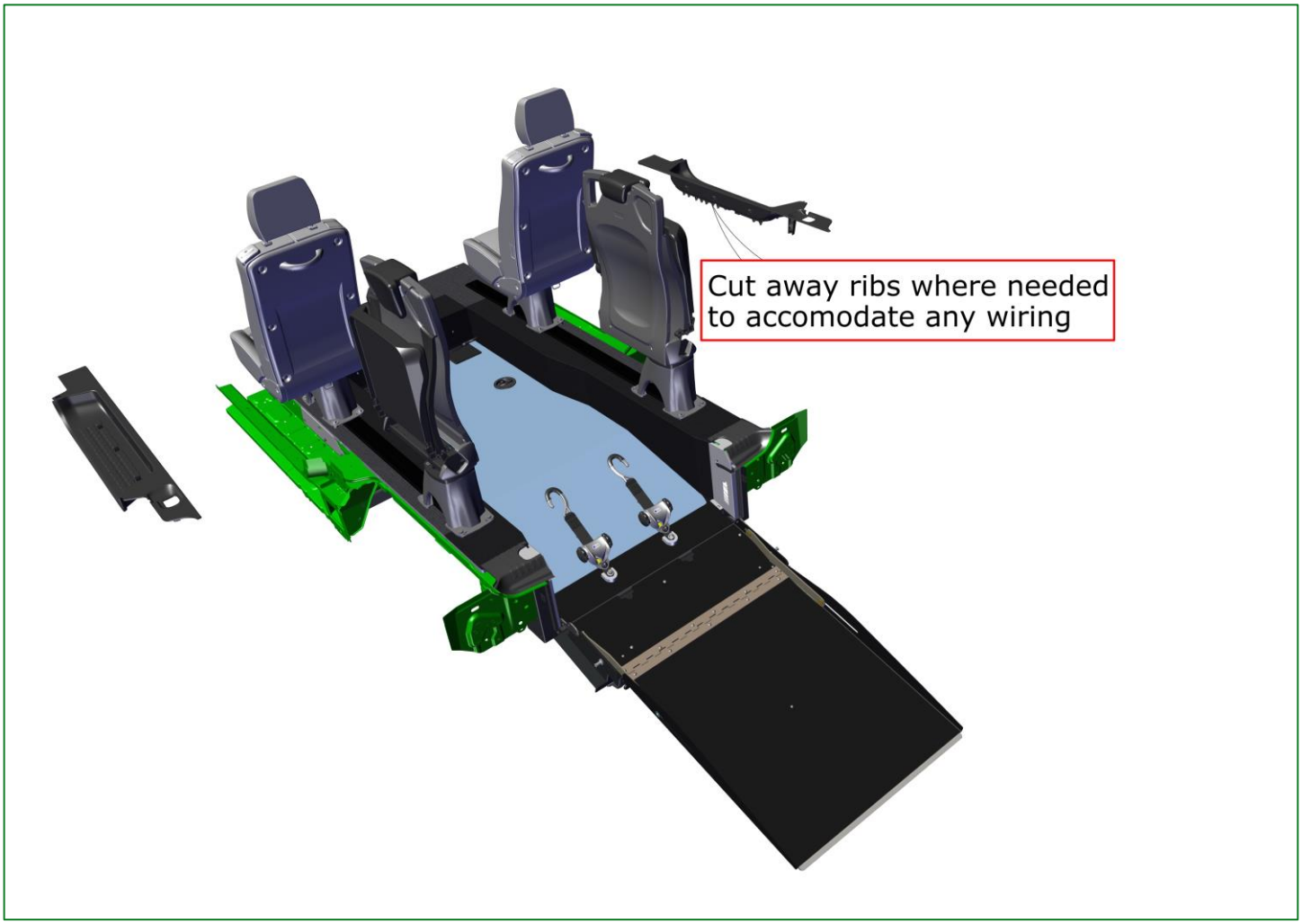


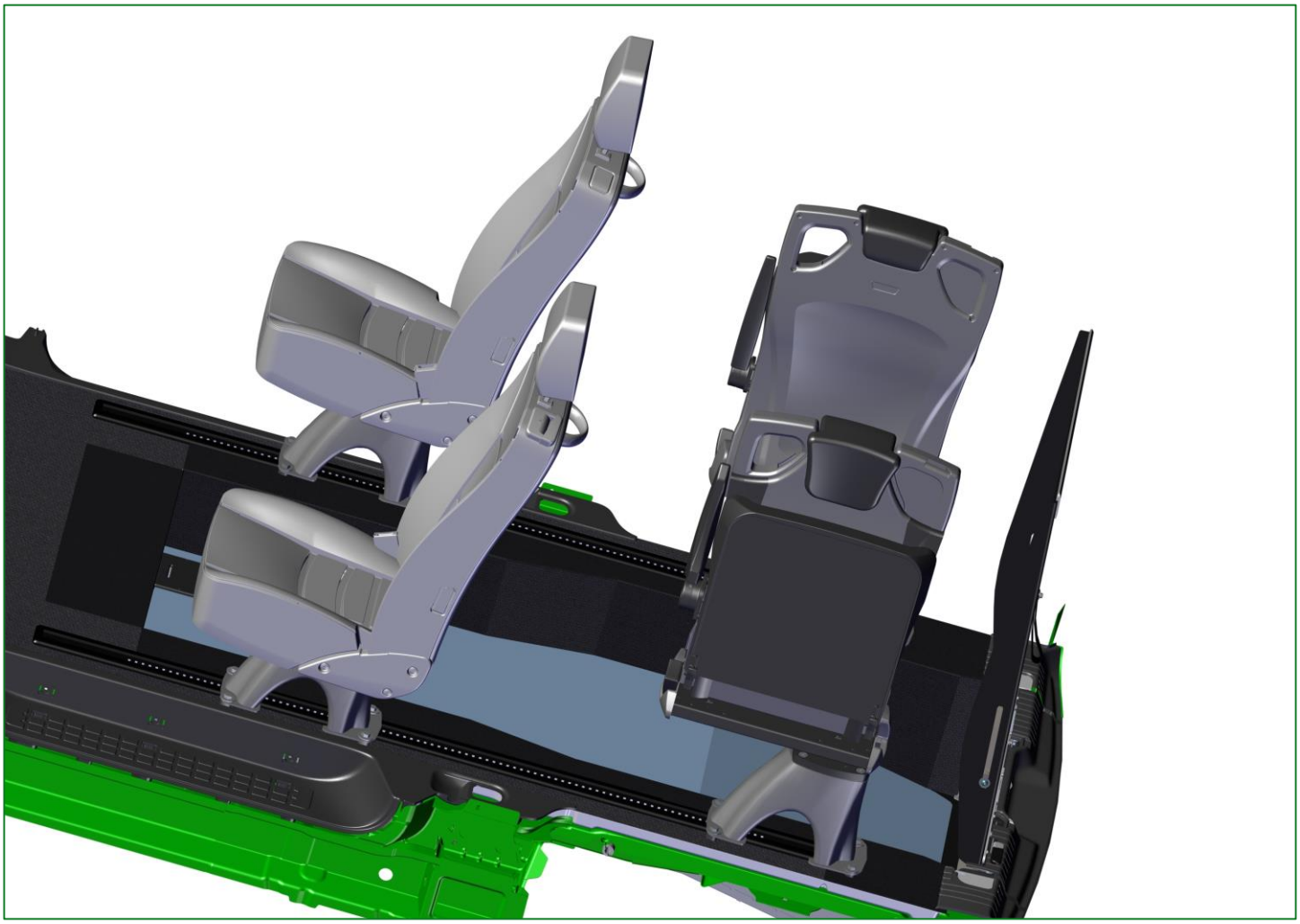
Install the mounting parts as shown.



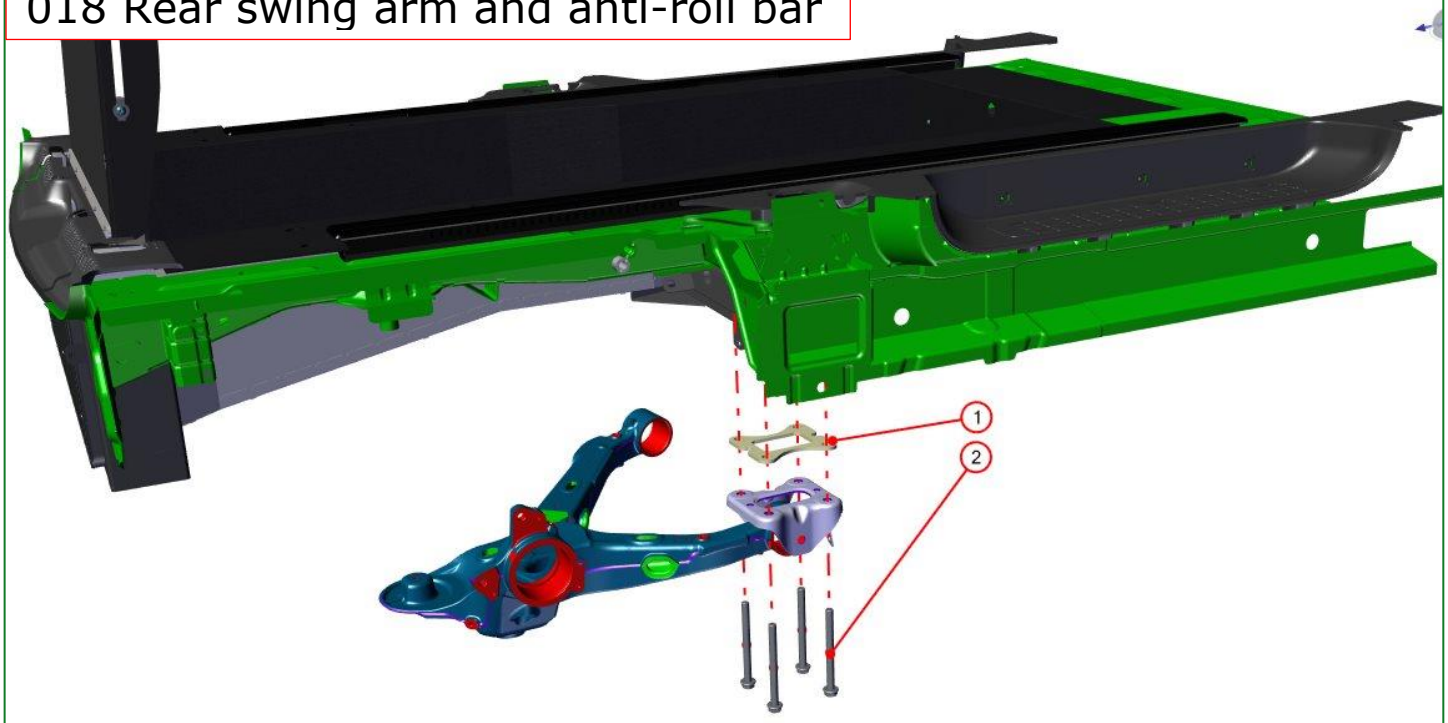
Install the mounting parts as shown.



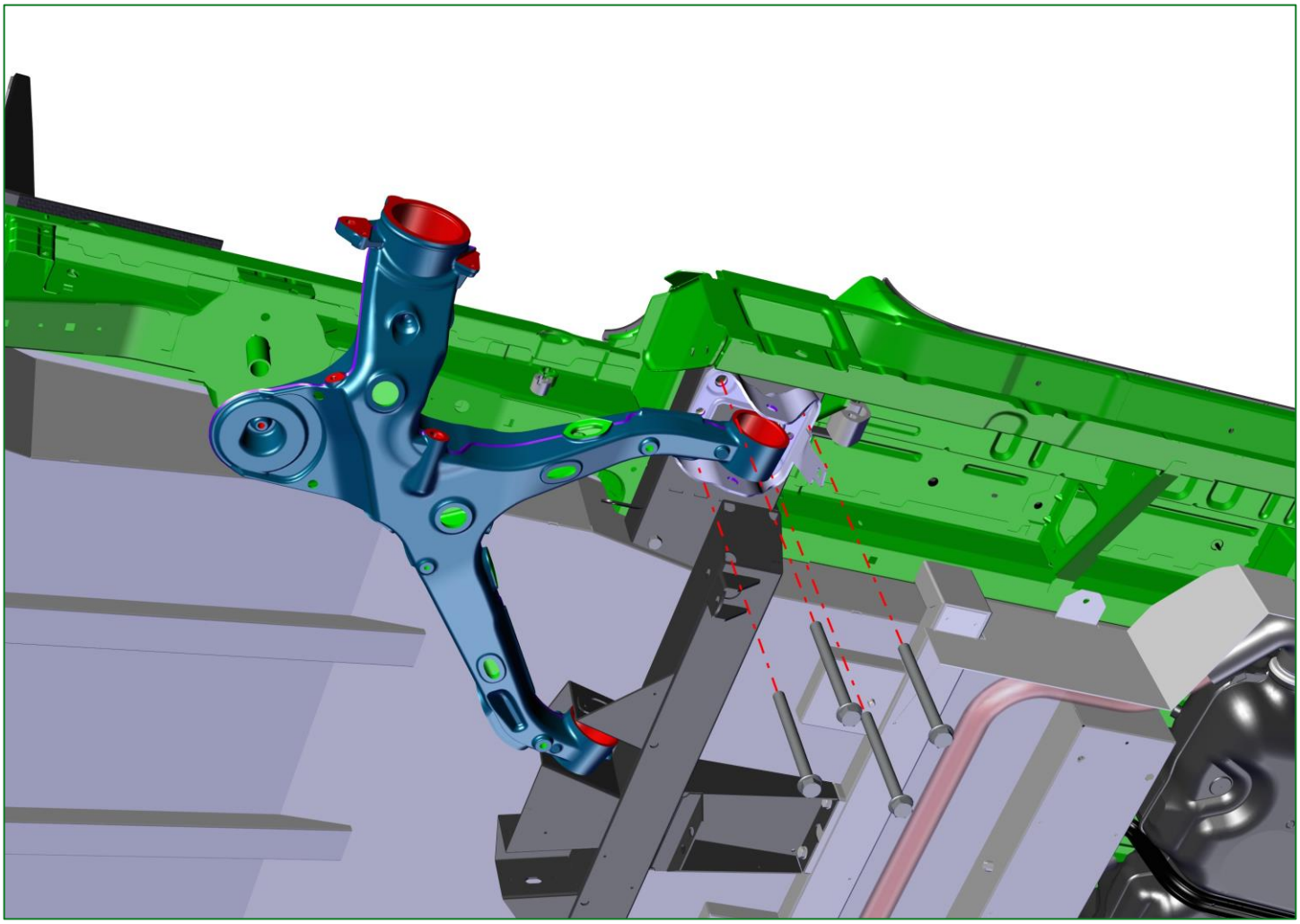

Cut away ribs where needed
to accomodate any wiring

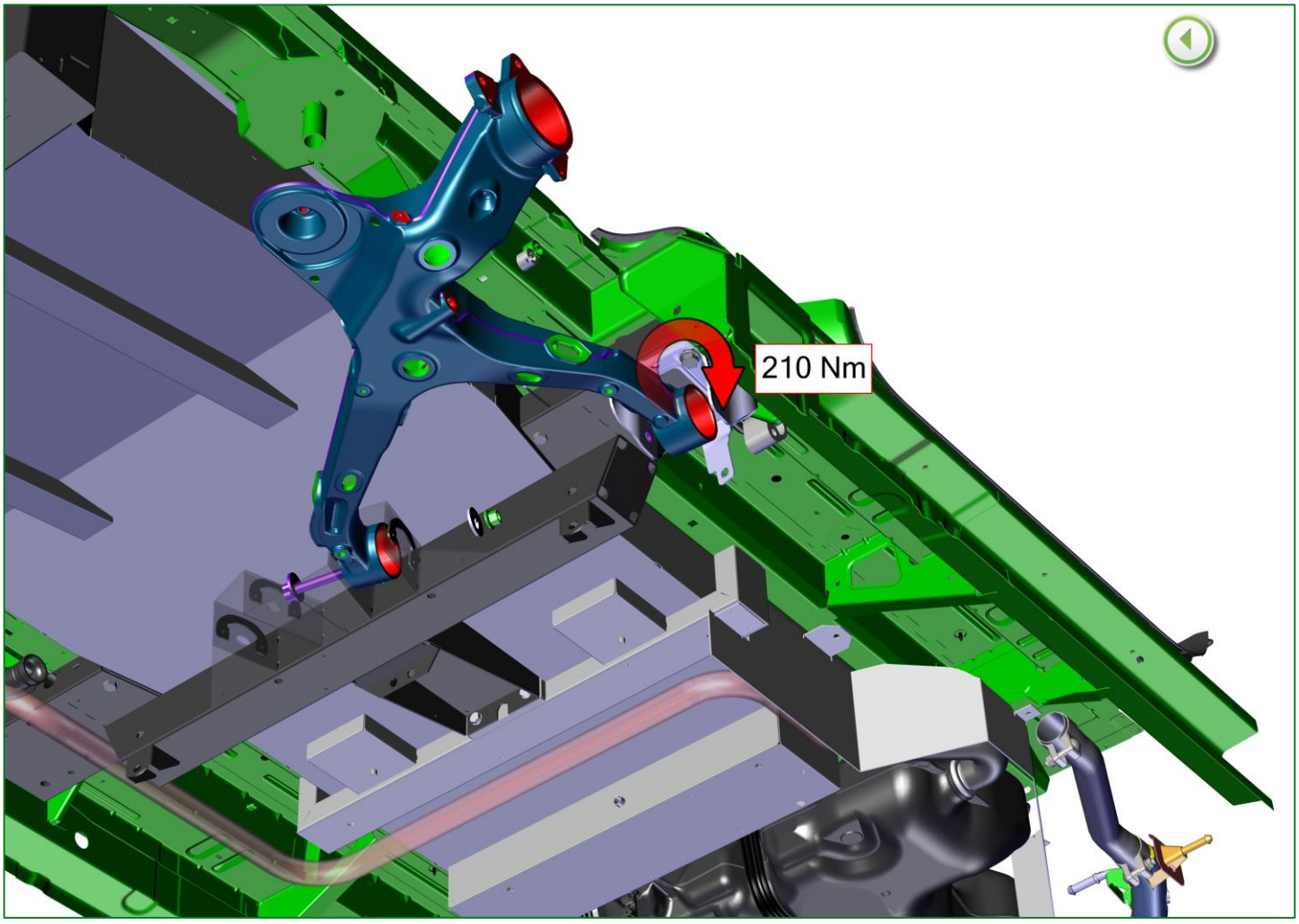


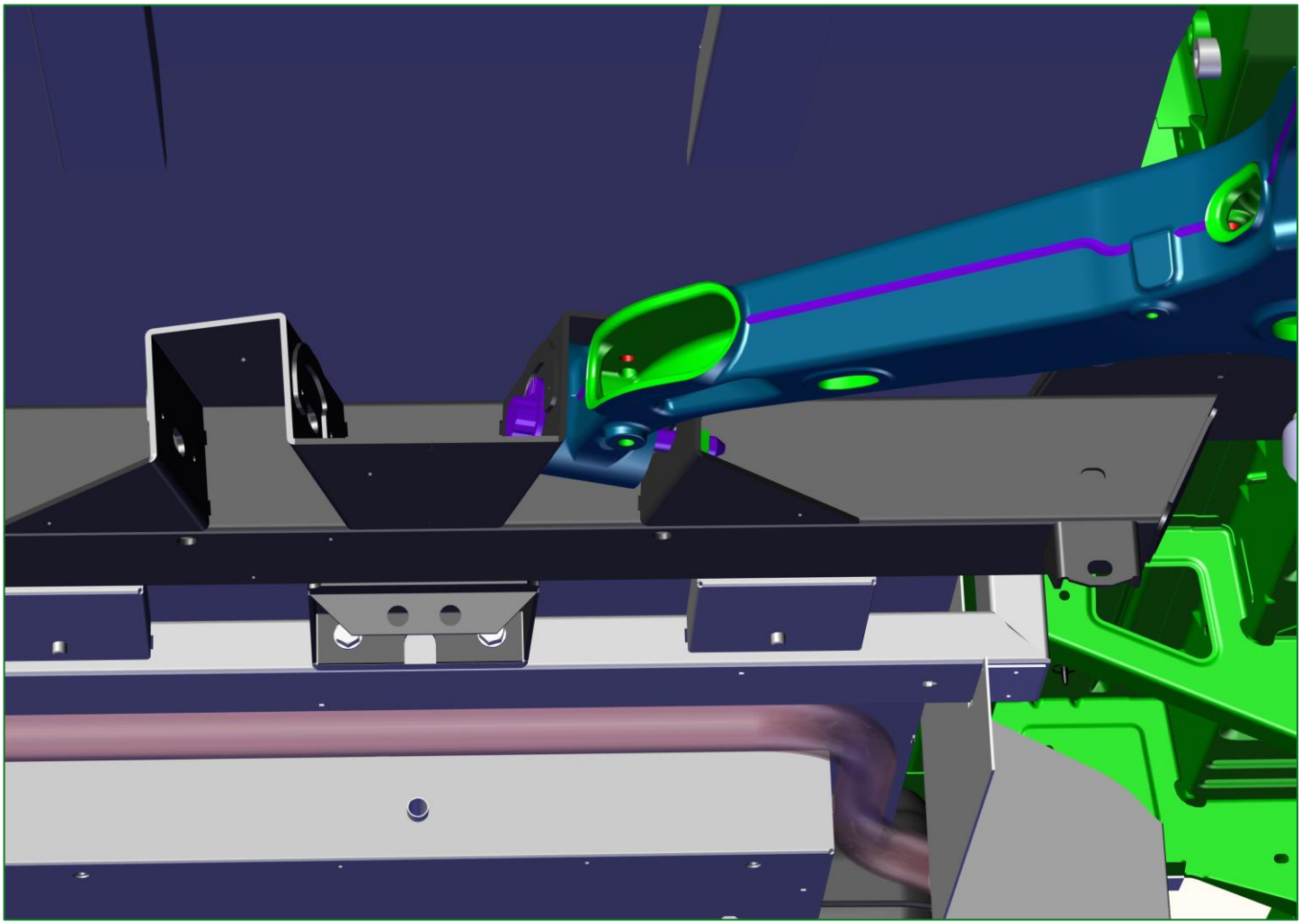
018 Rear swing arm and anti-roll bar



NO.	QTY.	PART	DESCRIPTION
2	4	16647	Hex bolt M14x1,5x150 10.9
1	1	16332	Spacer 3mm




210 Nm



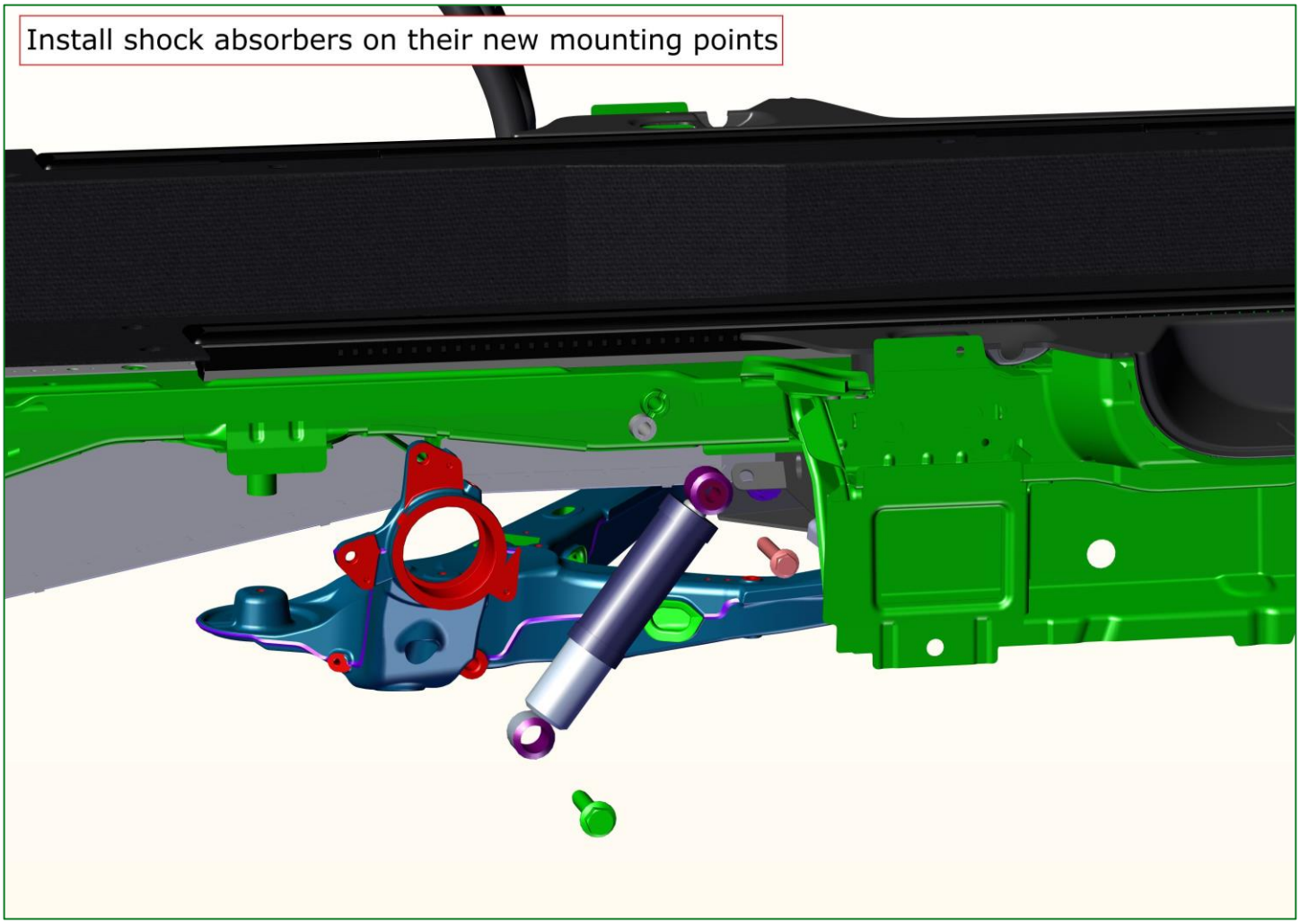
Install the new coil springs

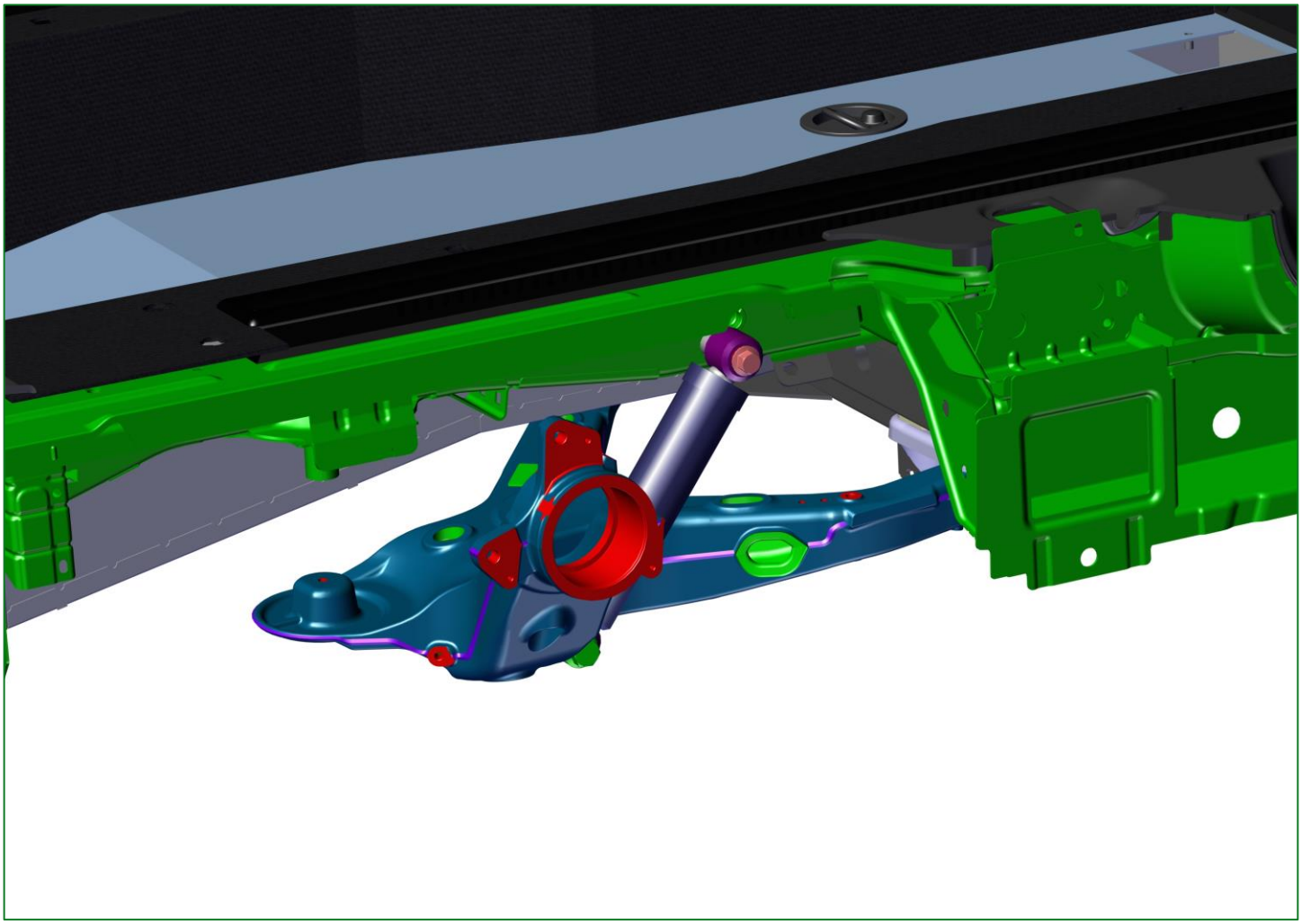
!IMPORTANT!
Make sure the correct coil springs are ordered.

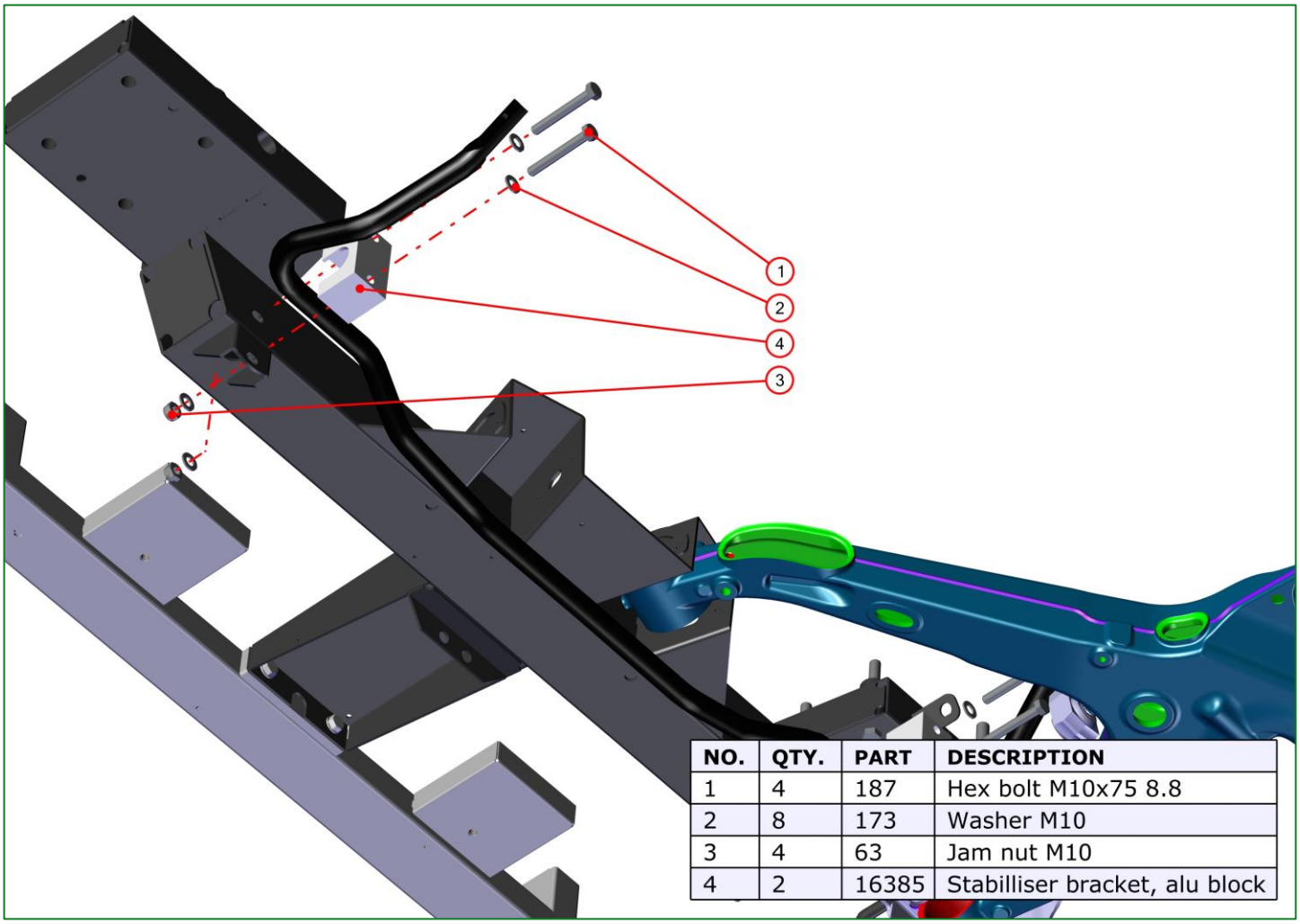
For vehichles with a max axle load of 1800kg
you will need the heavy load coil springs:
#17309 heigt=405mm

Vehicles with a lesser max axle load should
have the coil springs:
#16748 heigt=385mm

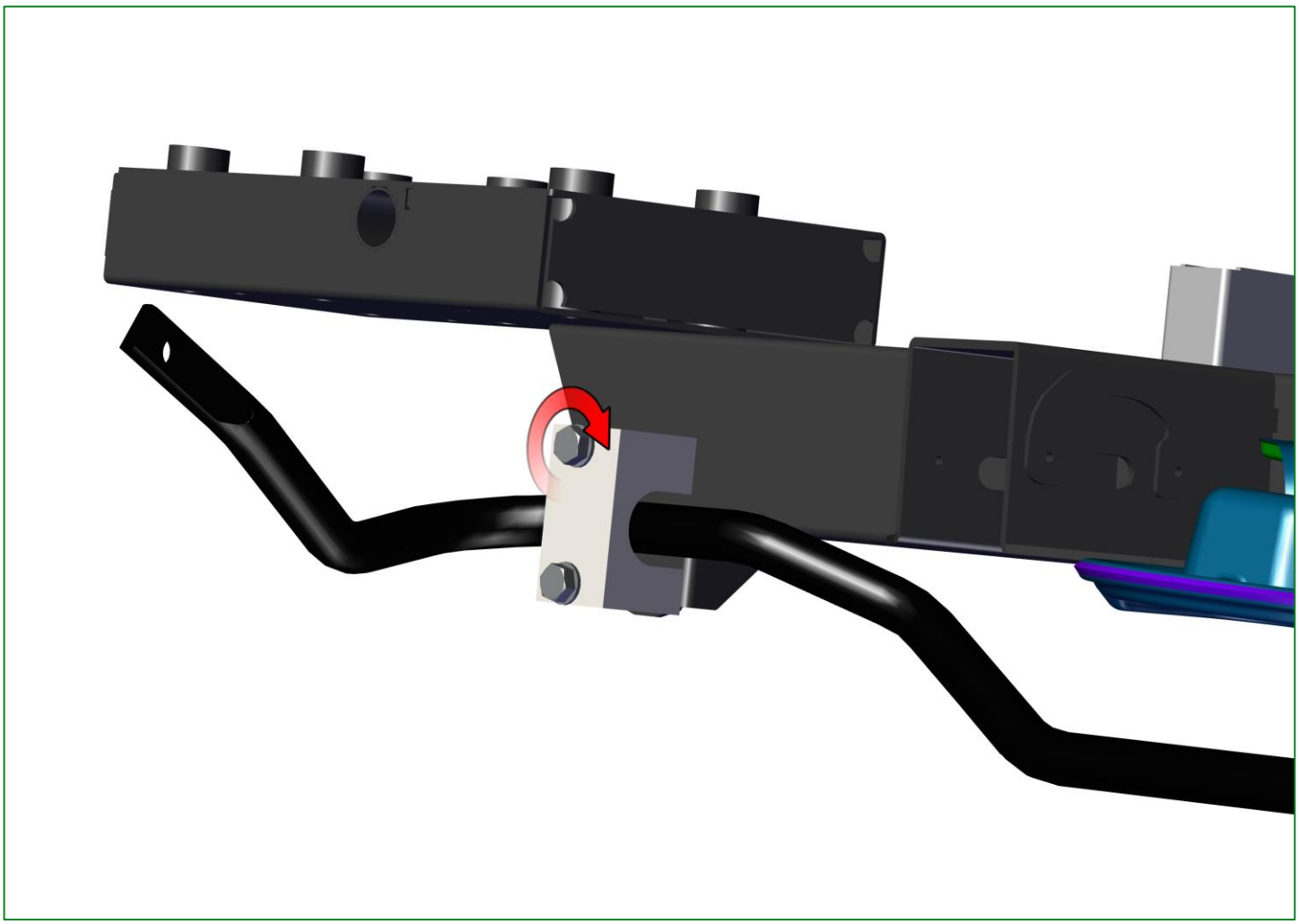
Install shock absorbers on their new mounting points

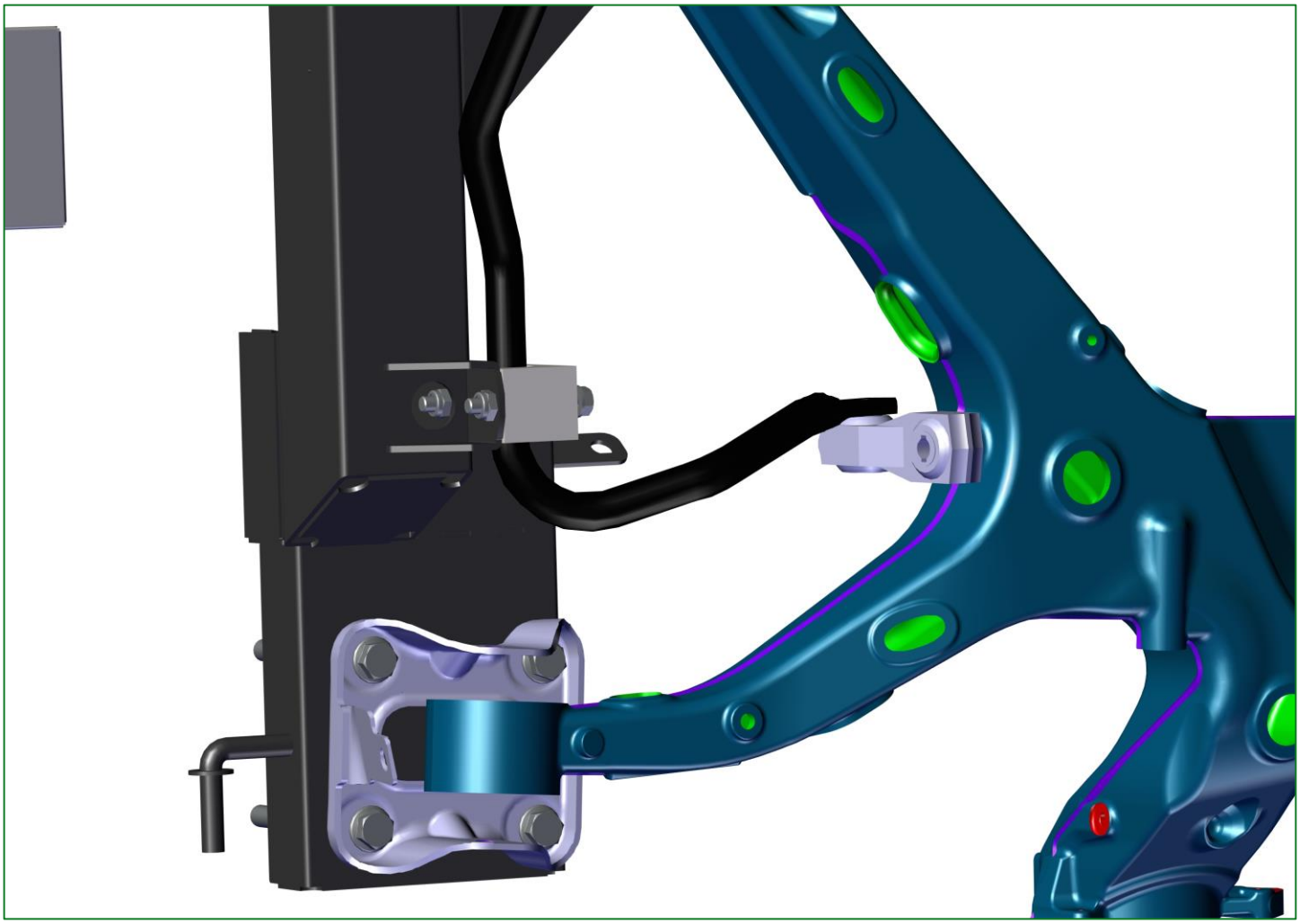


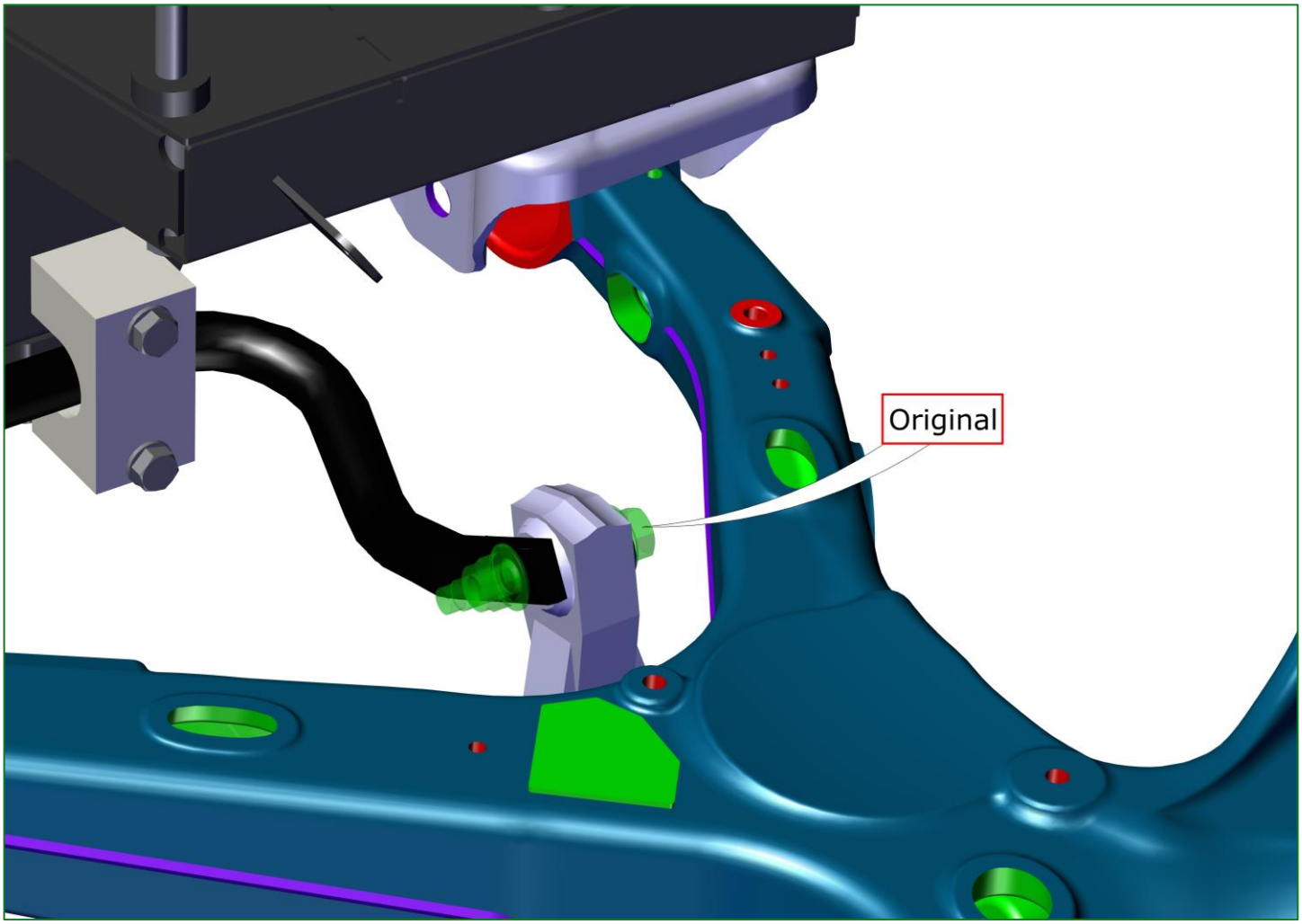


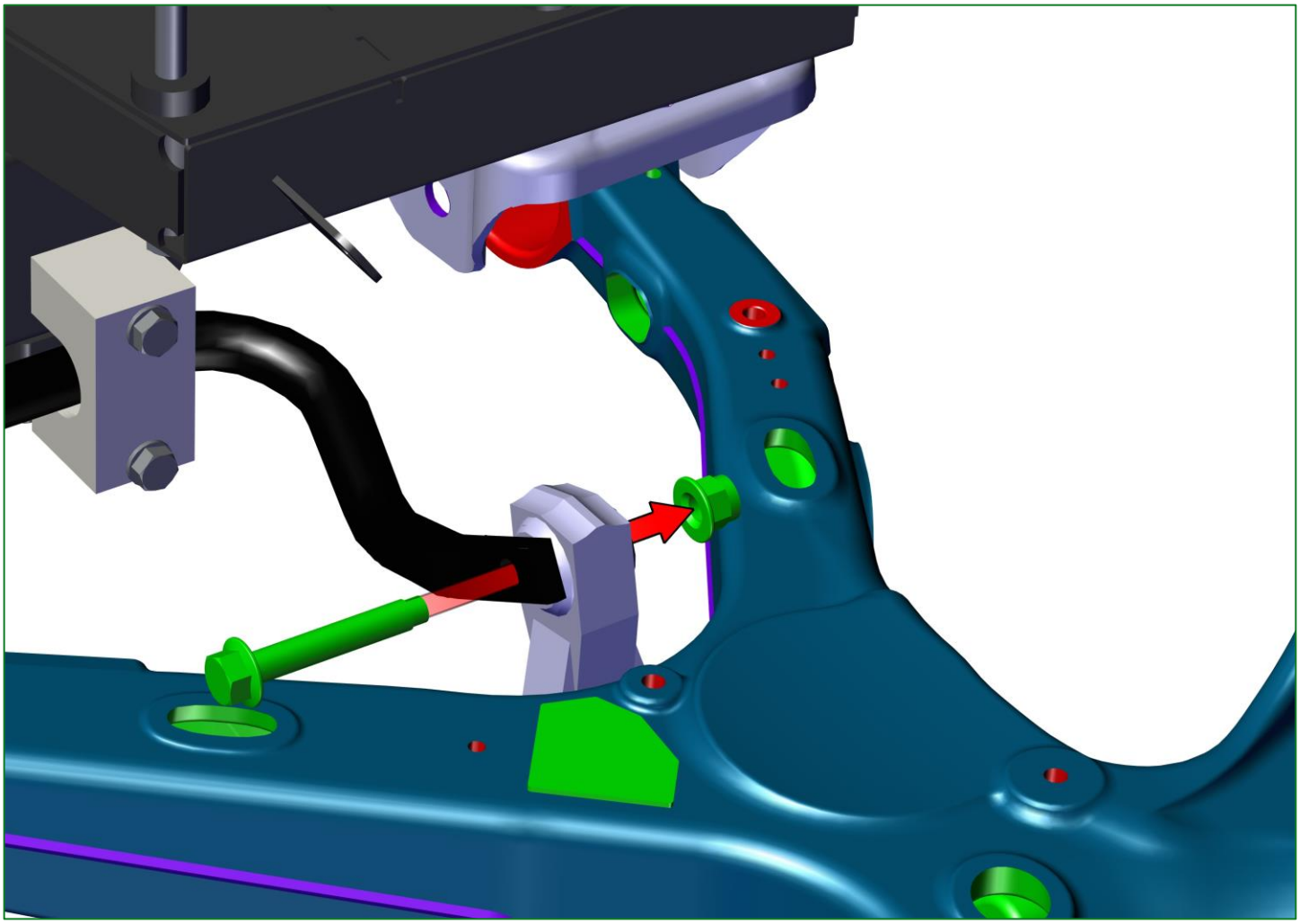


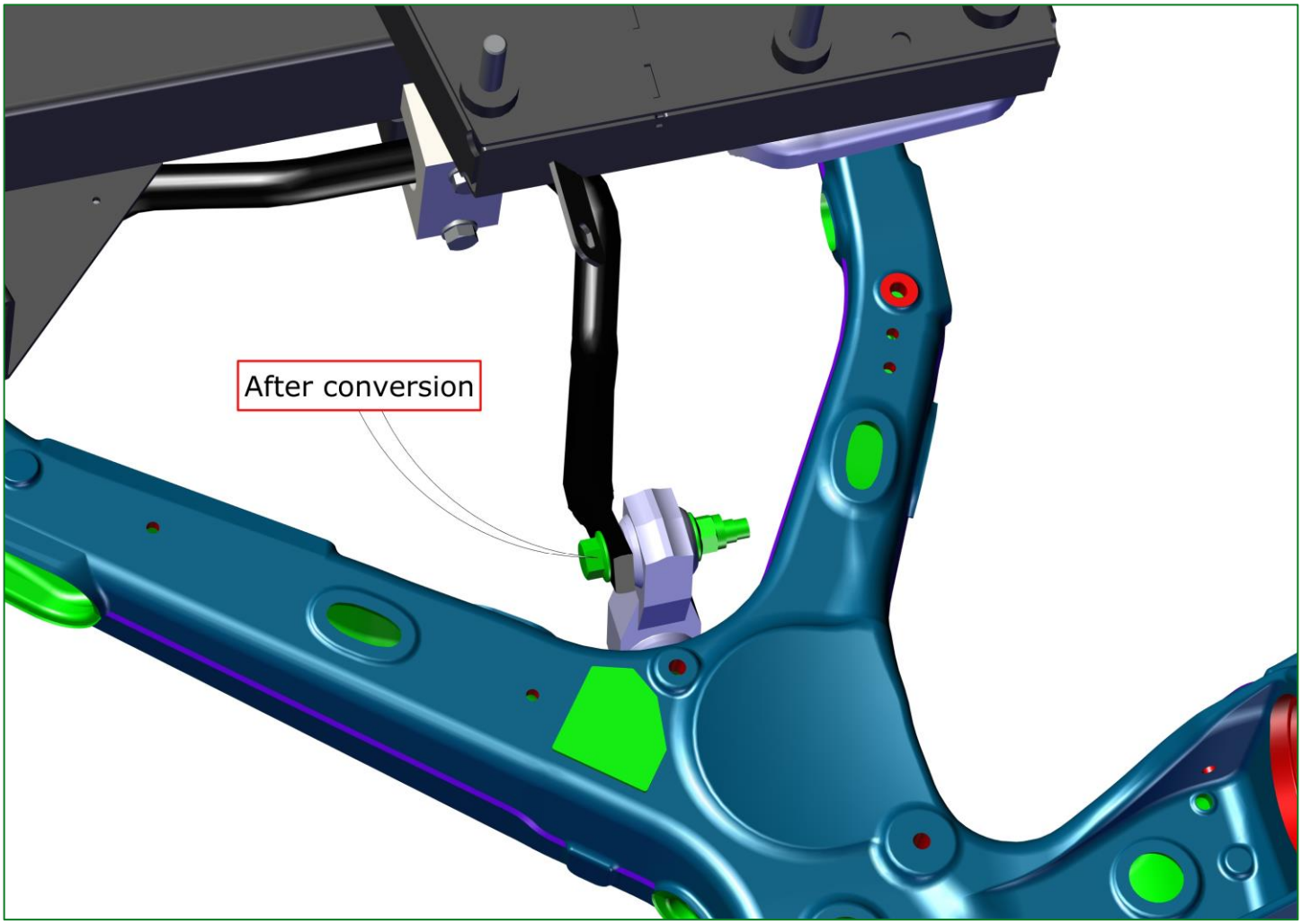
NO.	QTY.	PART	DESCRIPTION
1	4	187	Hex bolt M10x75 8.8
2	8	173	Washer M10
3	4	63	Jam nut M10
4	2	16385	Stabilliser bracket, alu block



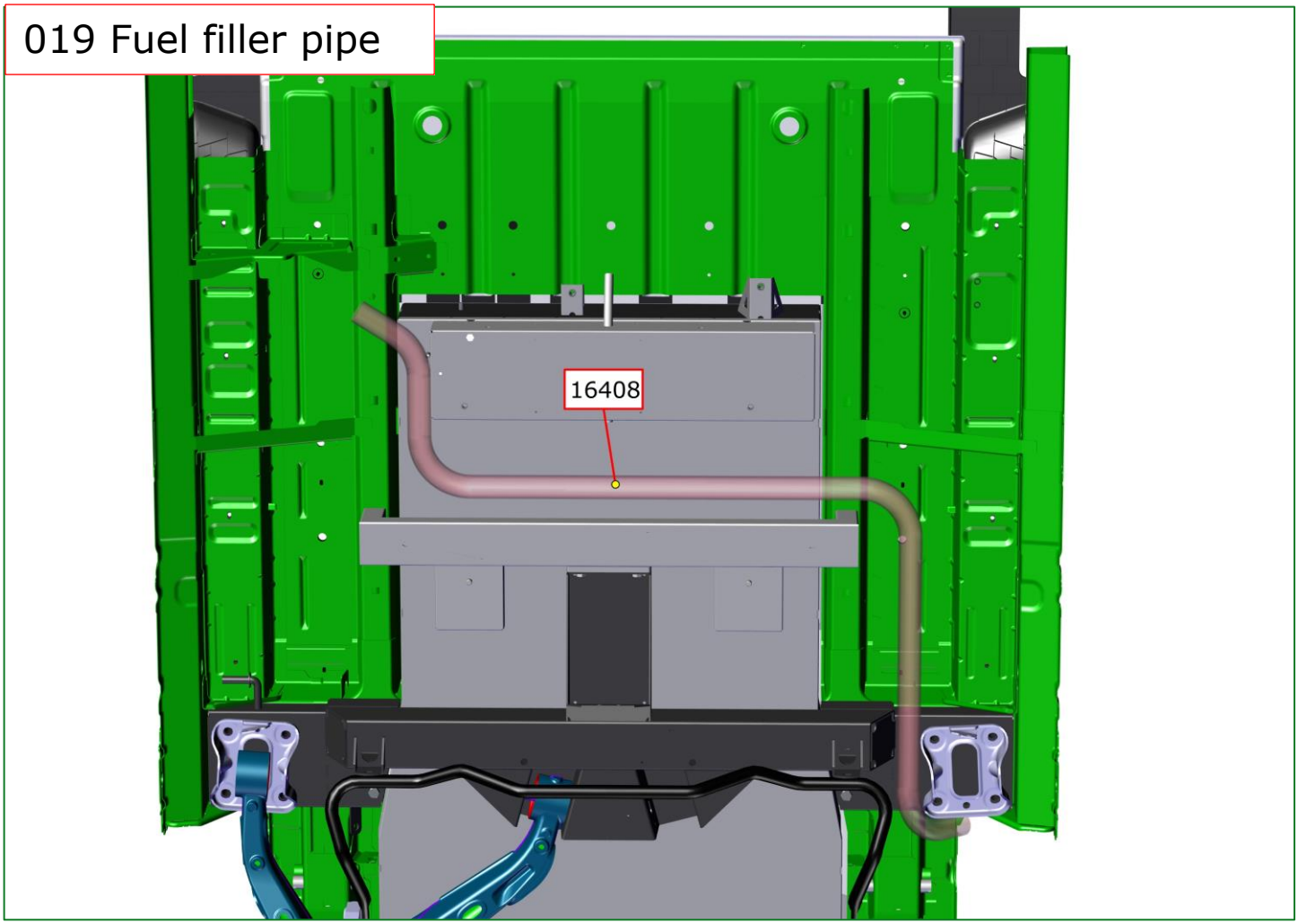


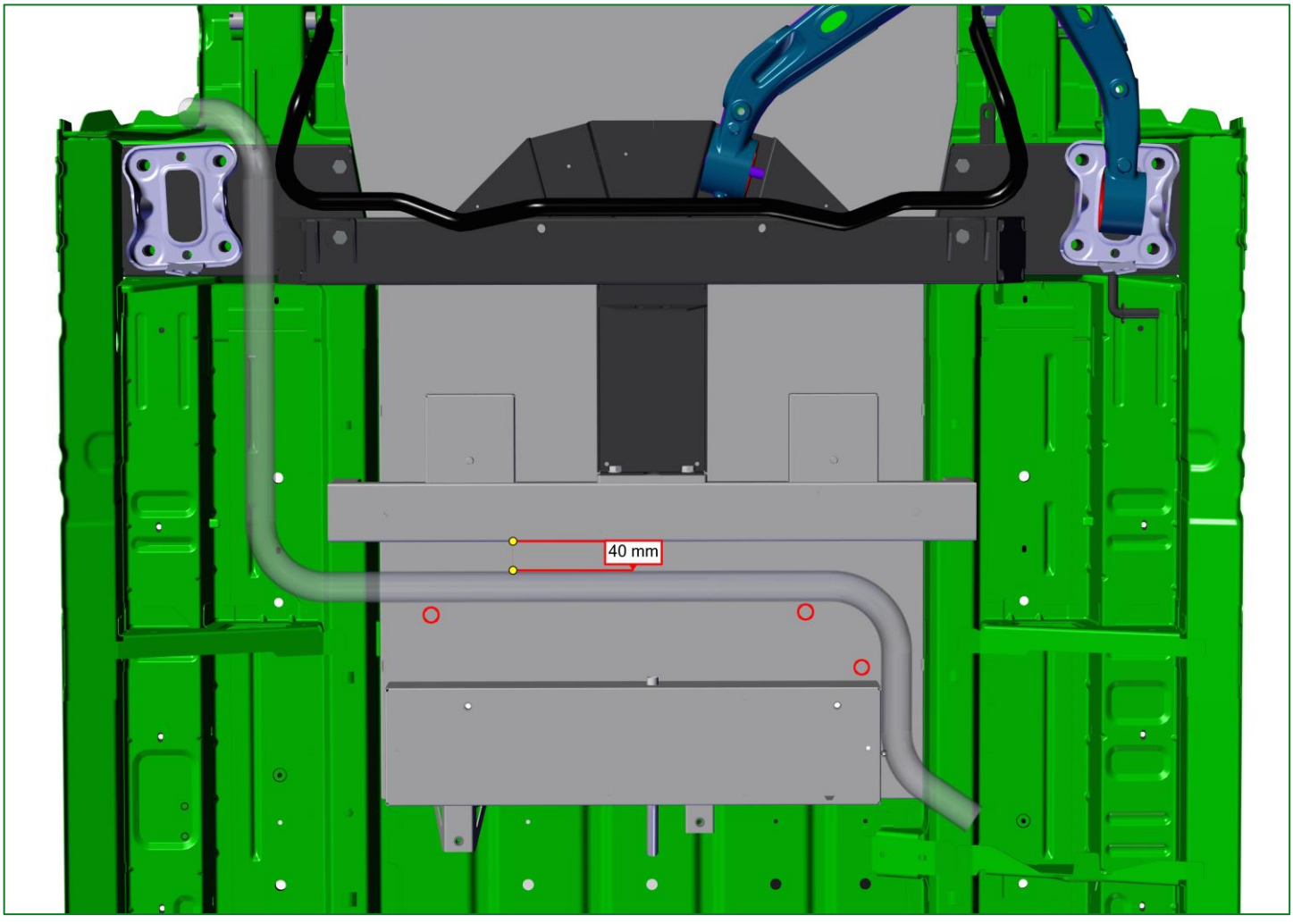

Original

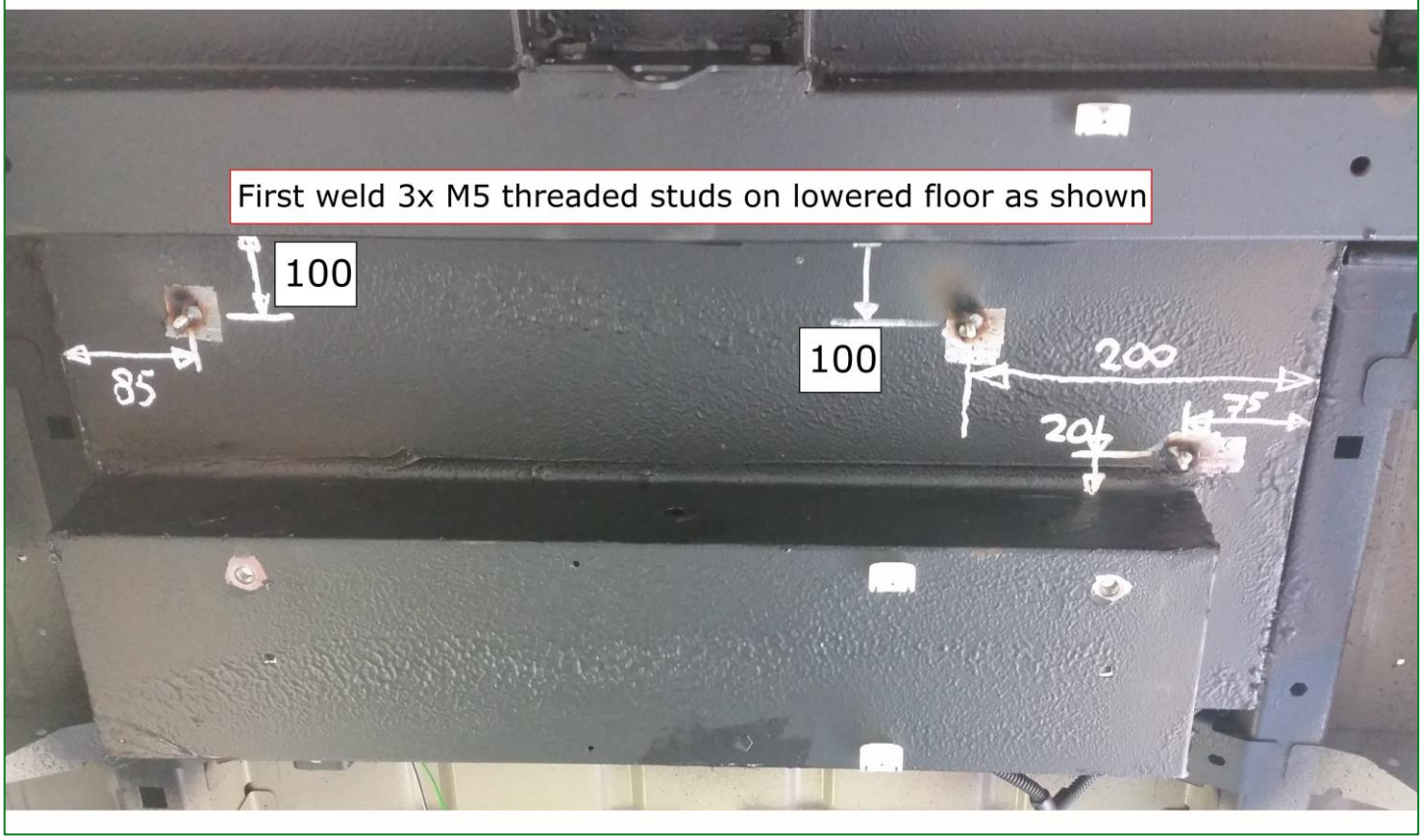


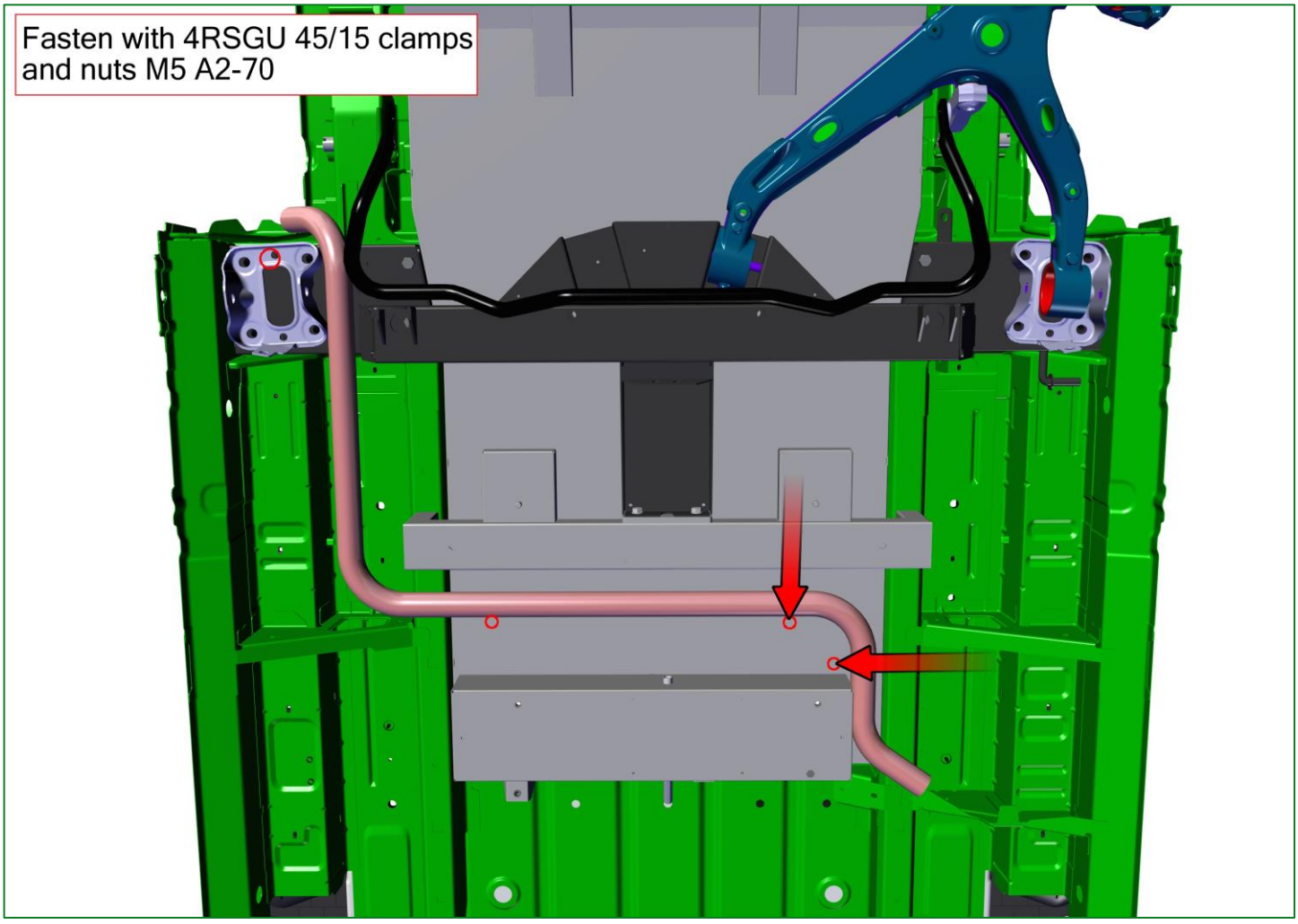

After conversion

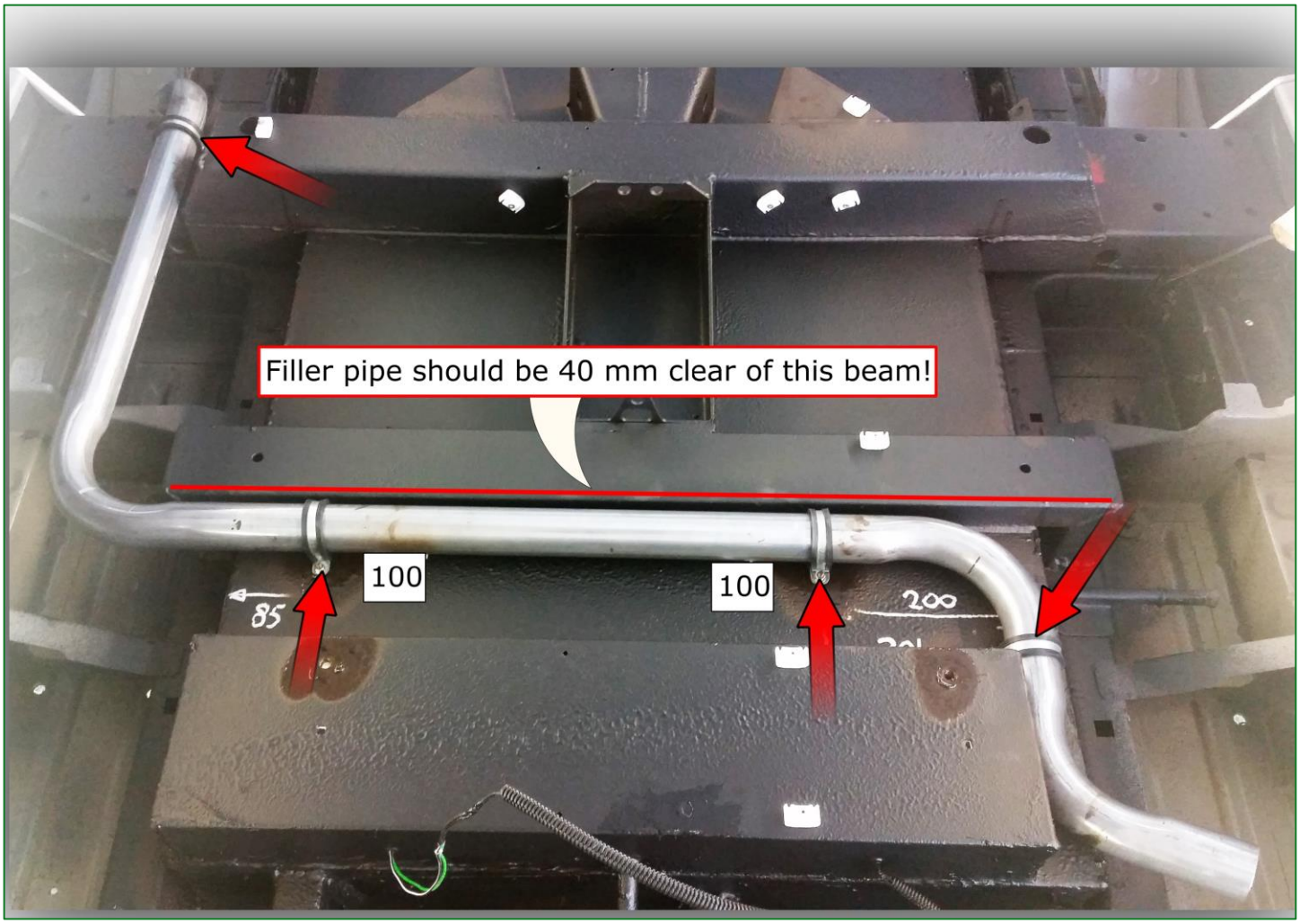
019 Fuel filler pipe

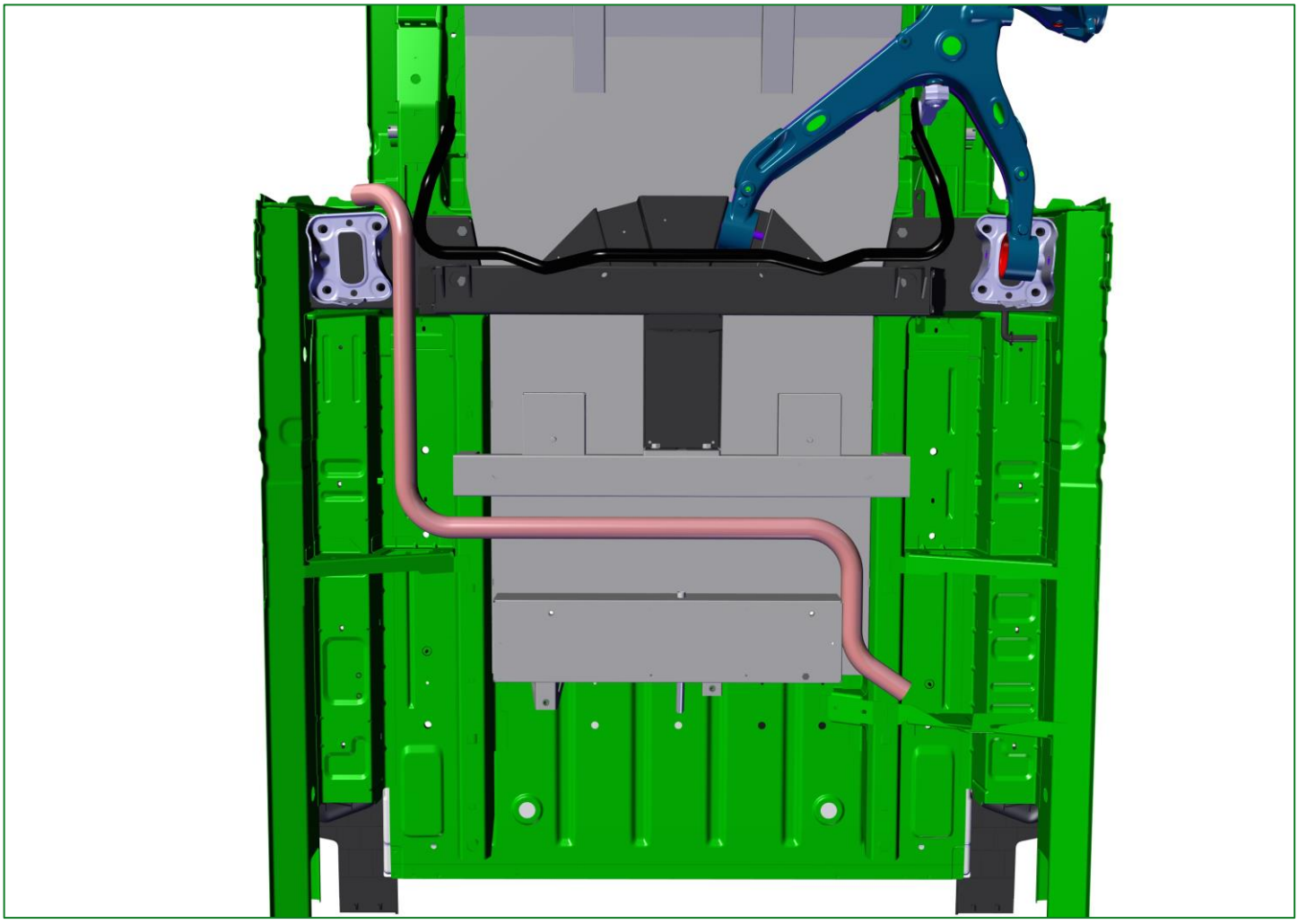





First weld 3x M5 threaded studs on lowered floor as shown
100
85
100
200
75
20

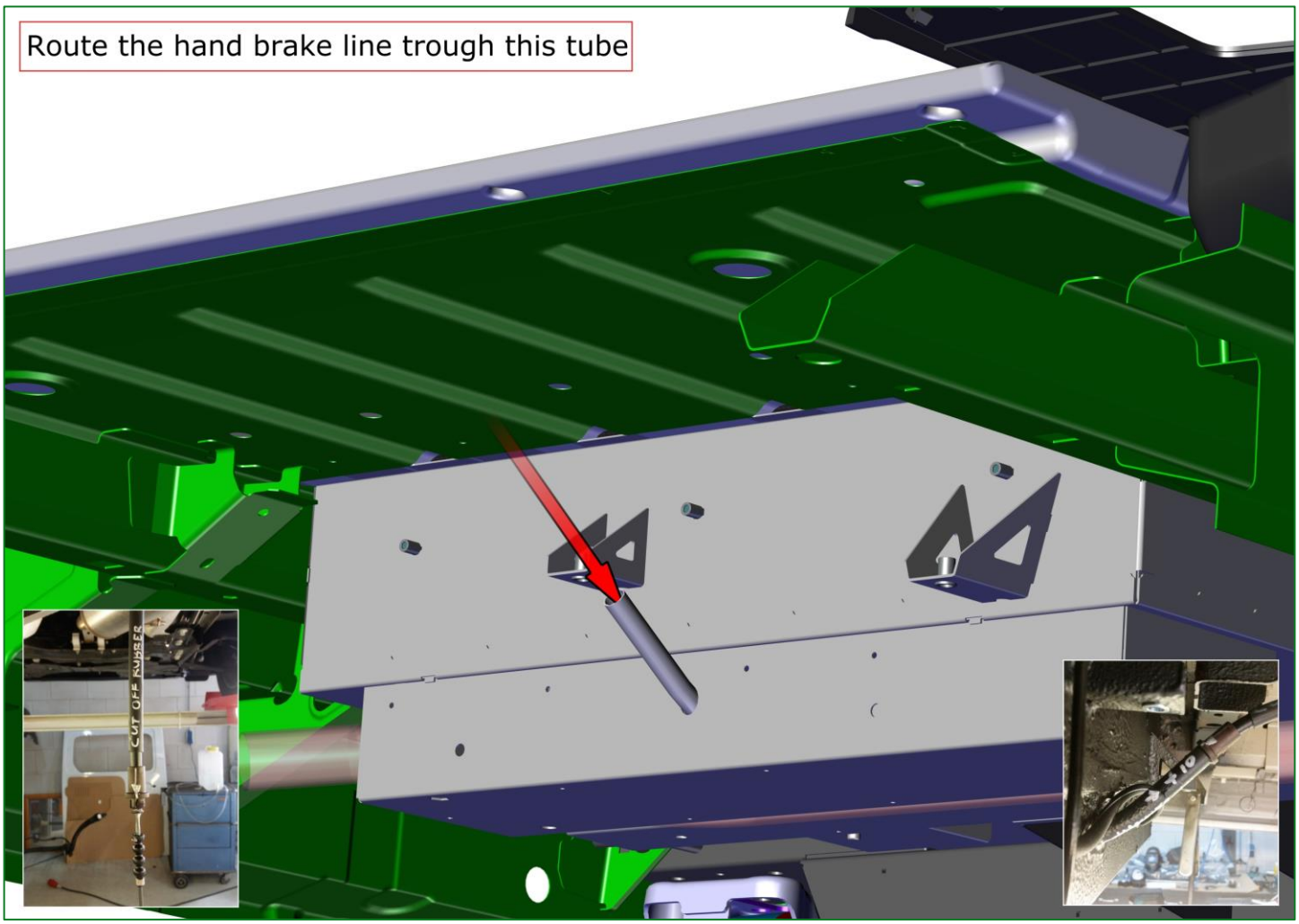

Fasten with 4RSGU 45/15 clamps
and nuts M5 A2-70


Filler pipe should be 40 mm clear of this beam!
100
100
85
200

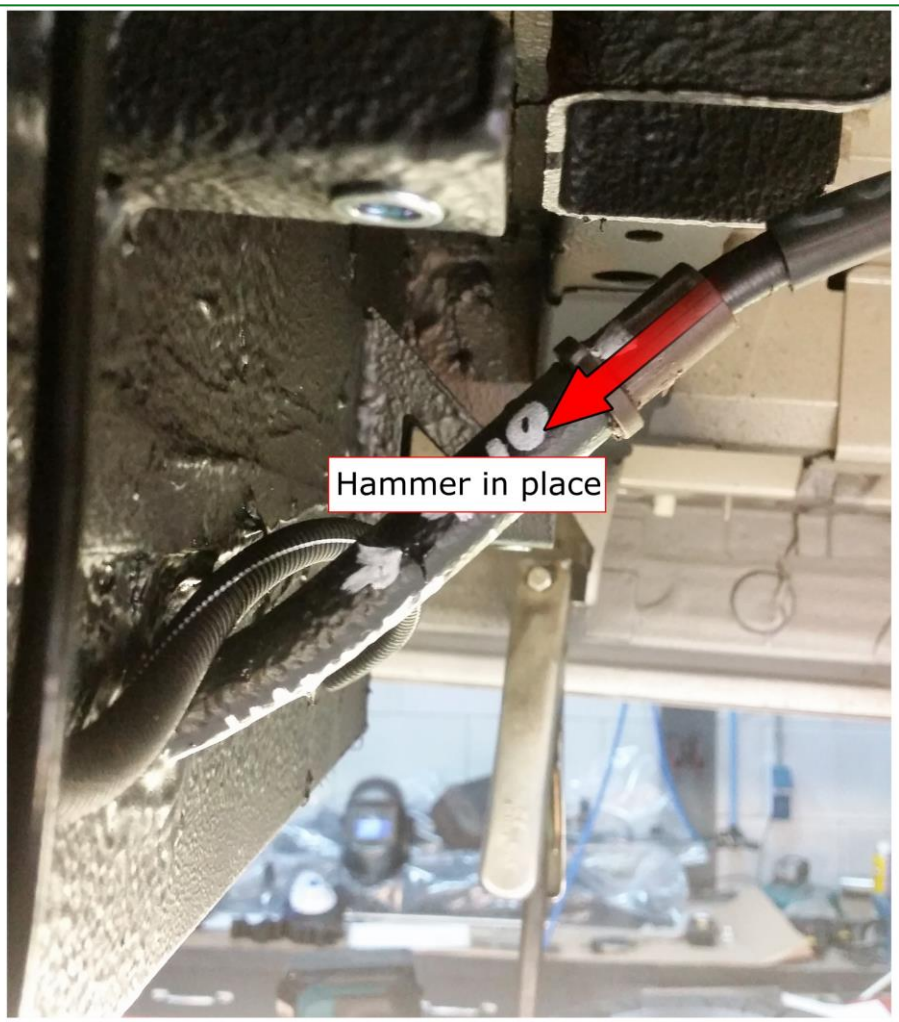


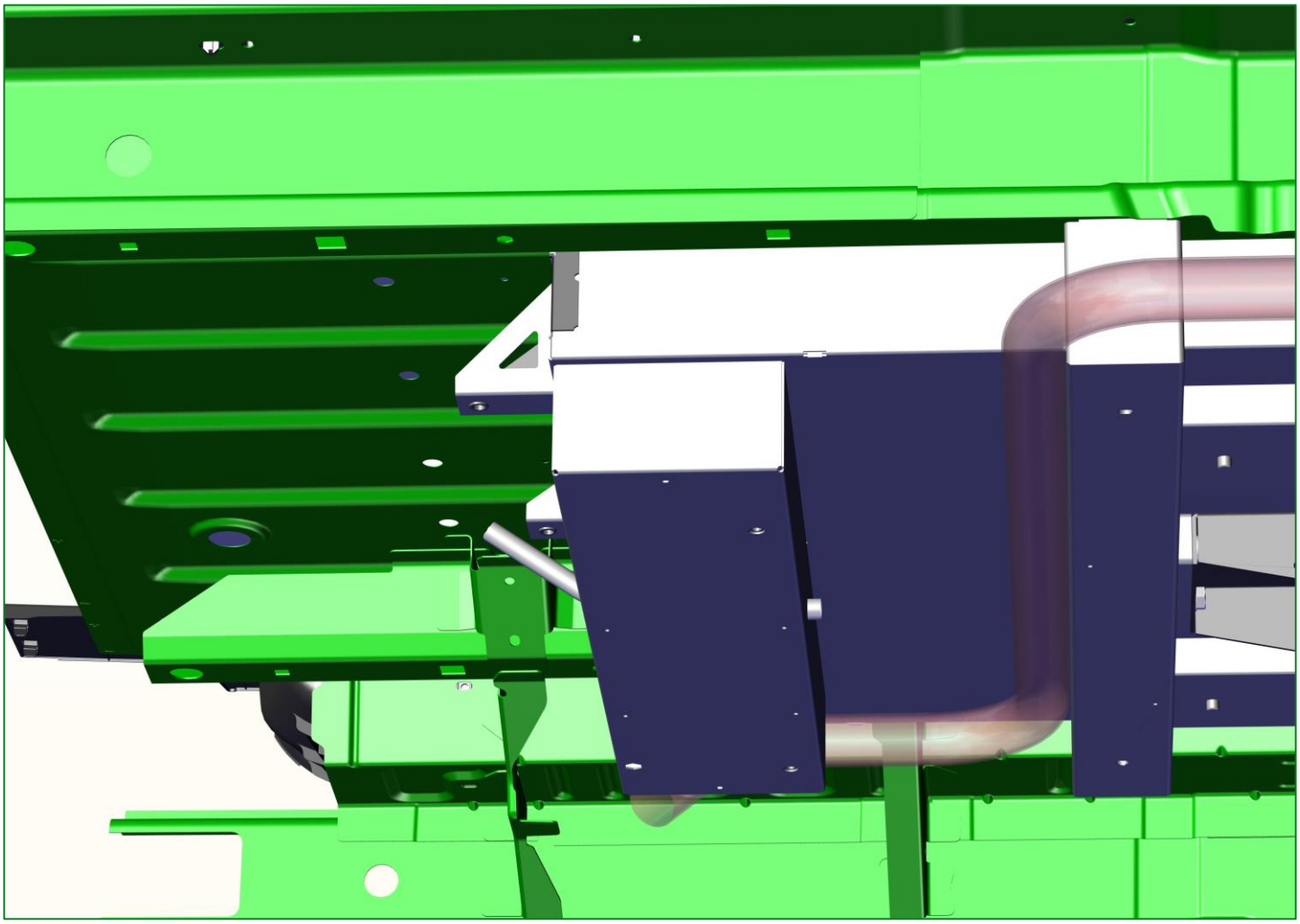
020 Hand/brake lines

Route the hand brake line trough this tube

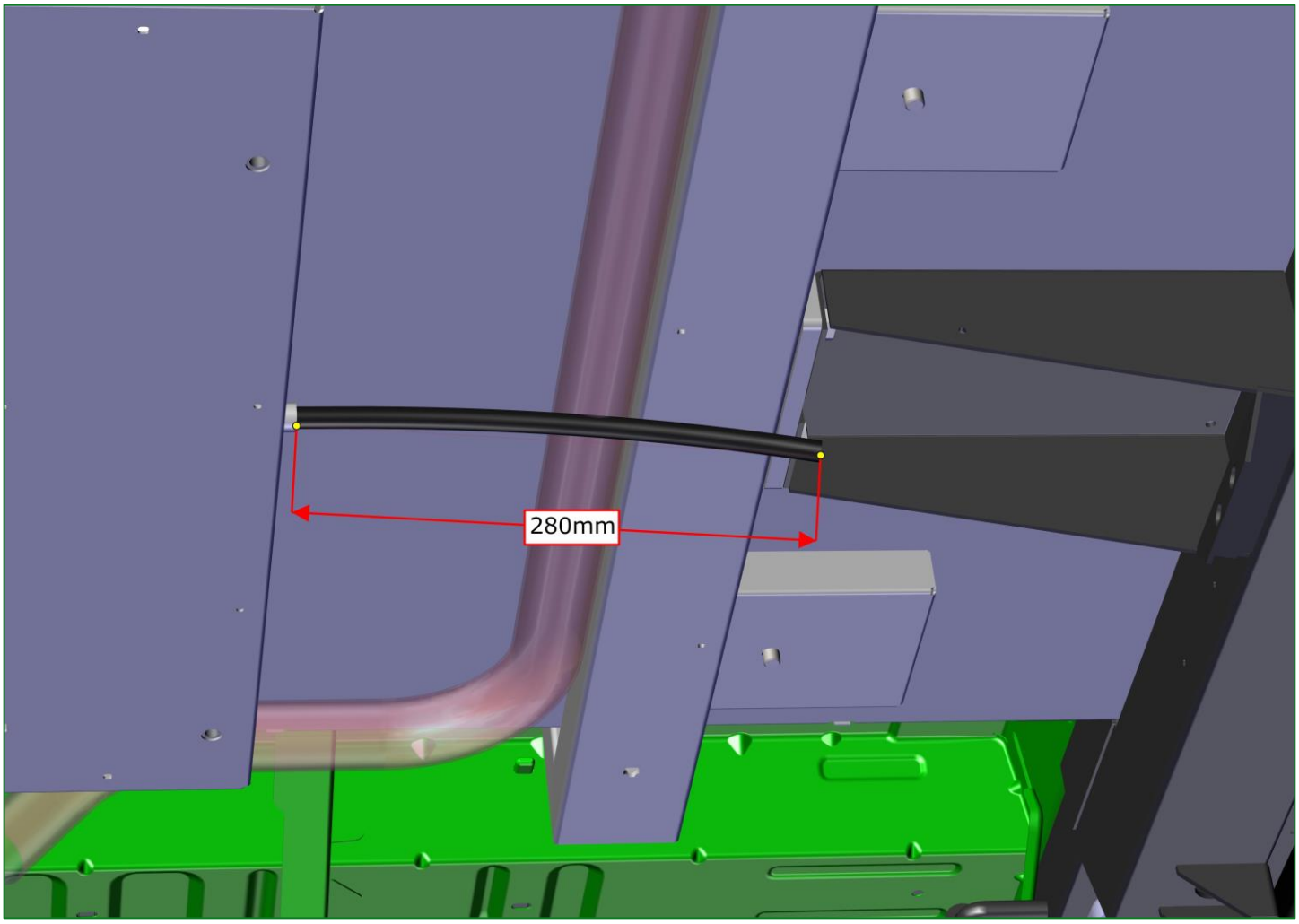


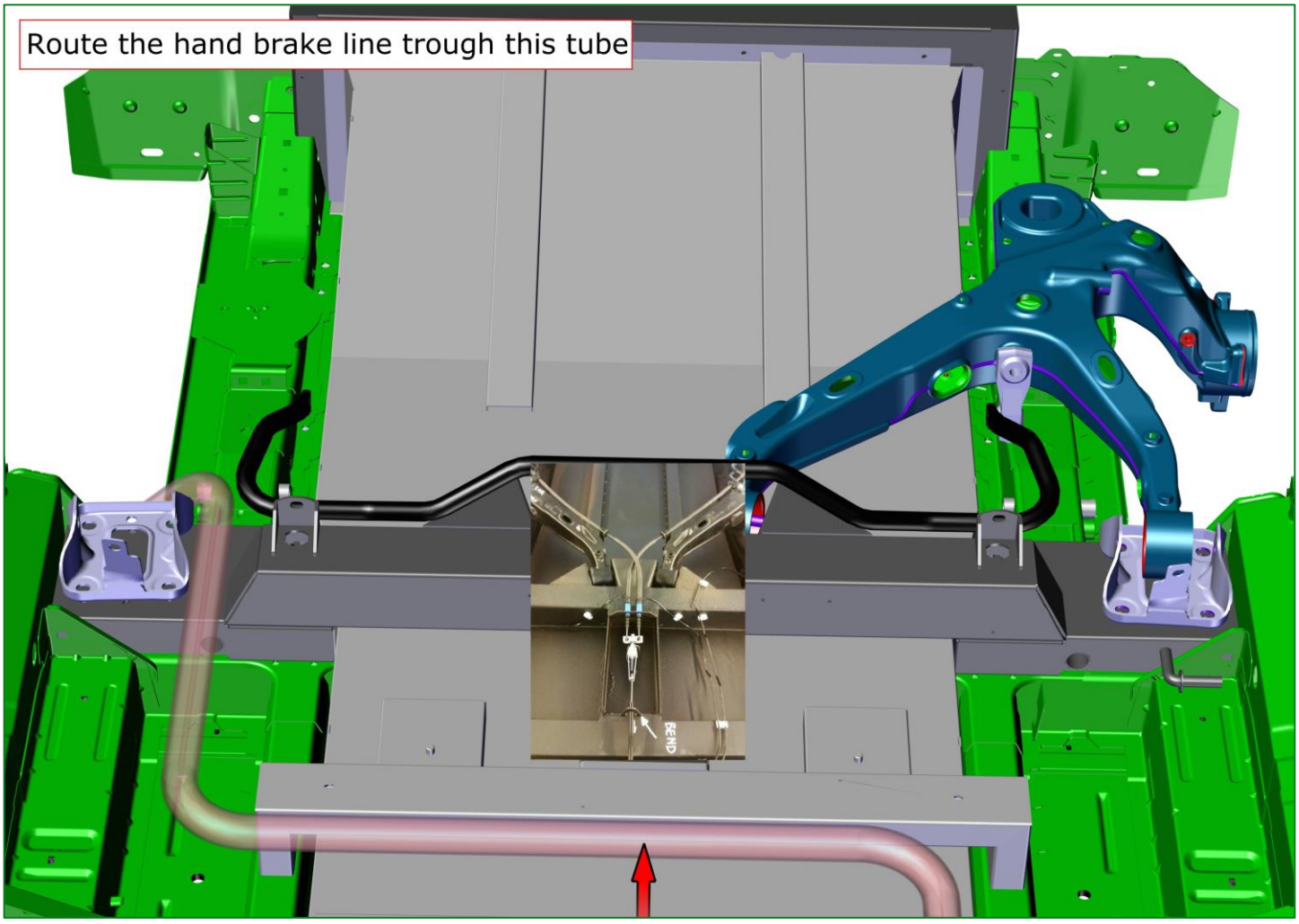

CUT OFF RUBBER
Remove rubber sleeve

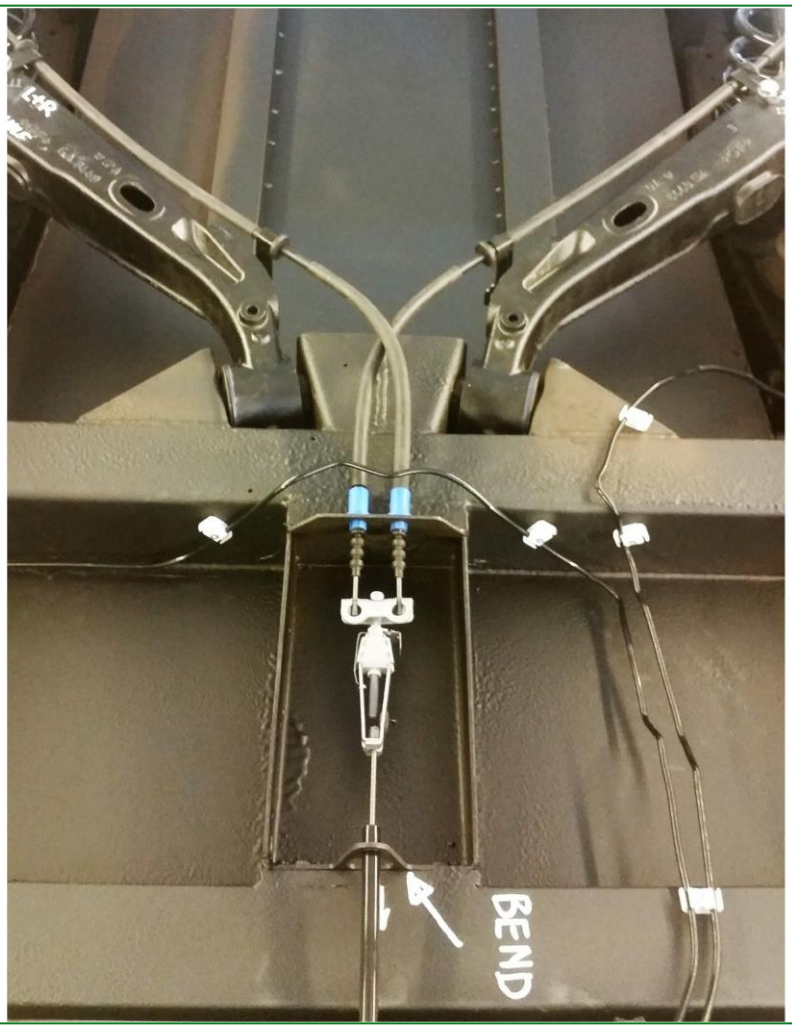

Hammer in place

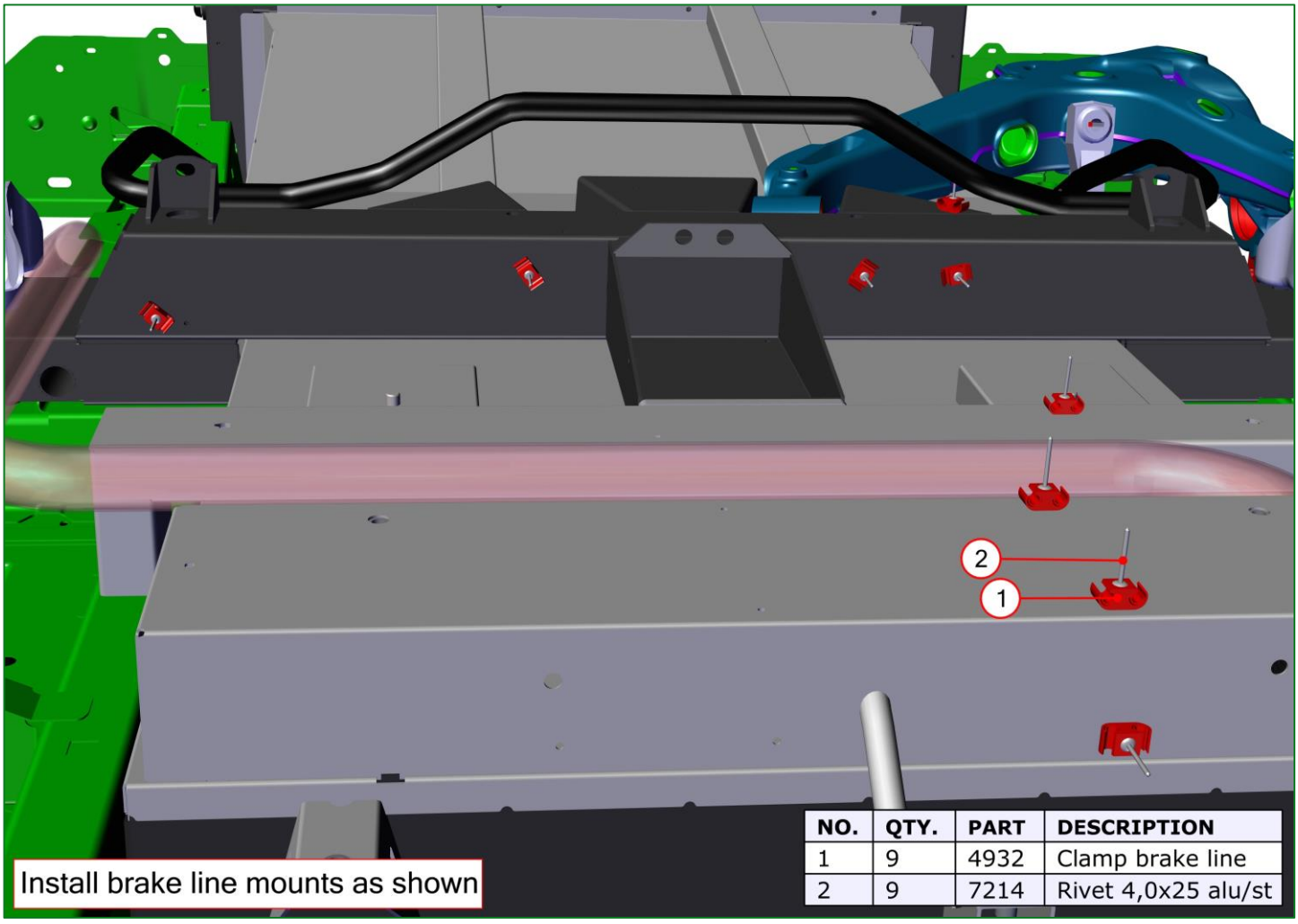



16550


280mm

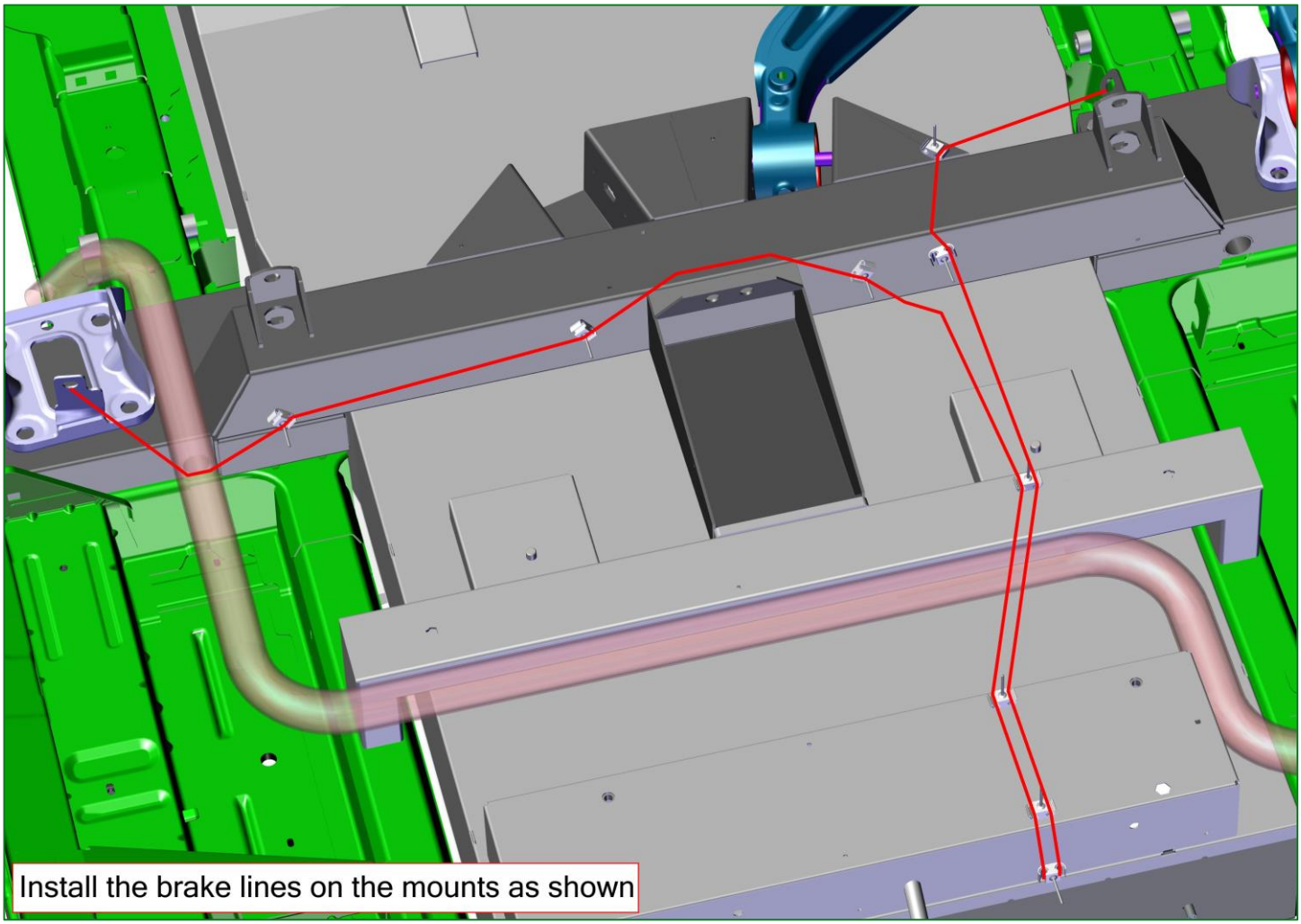

Route the hand brake line trough this tube
BEND

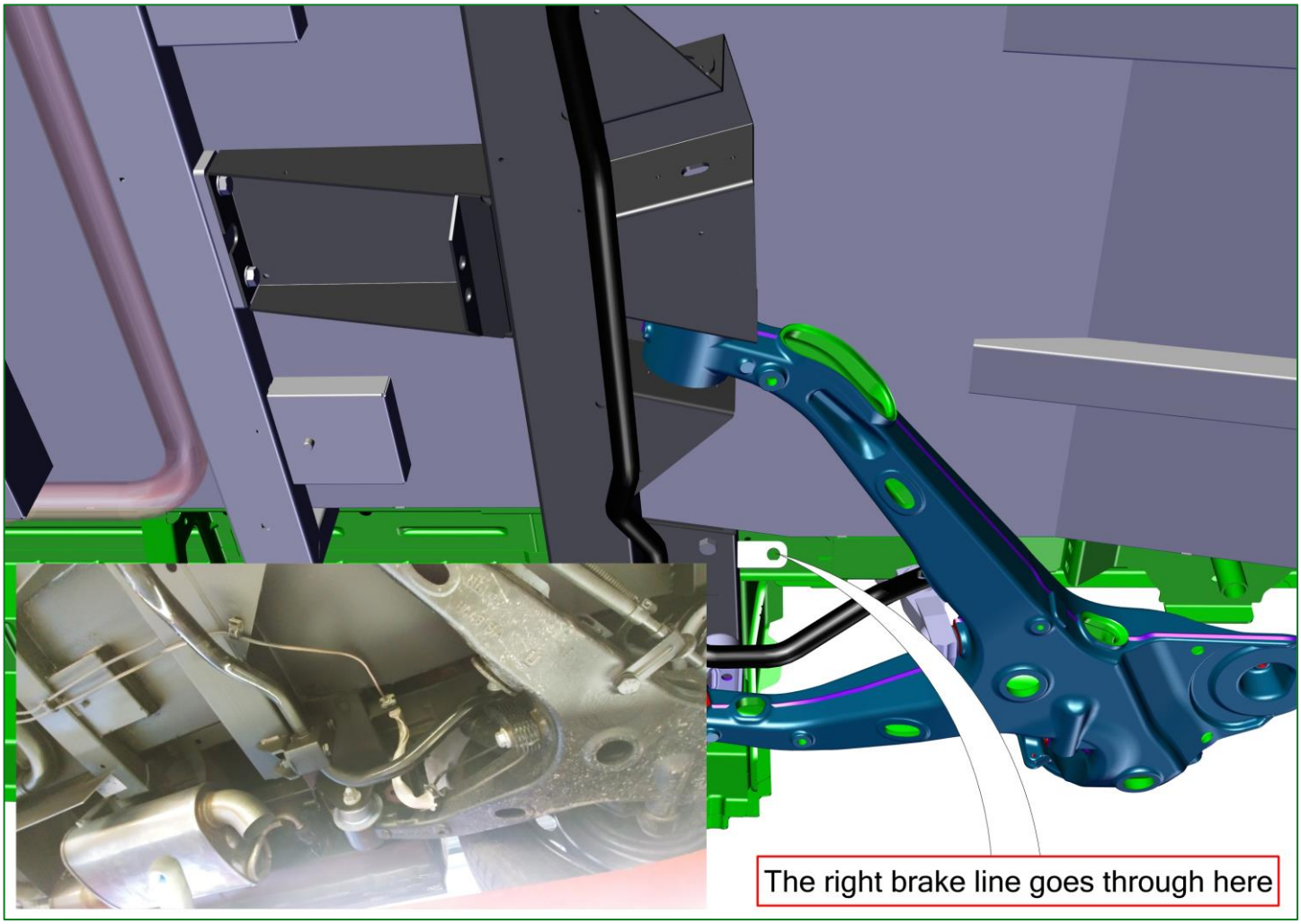


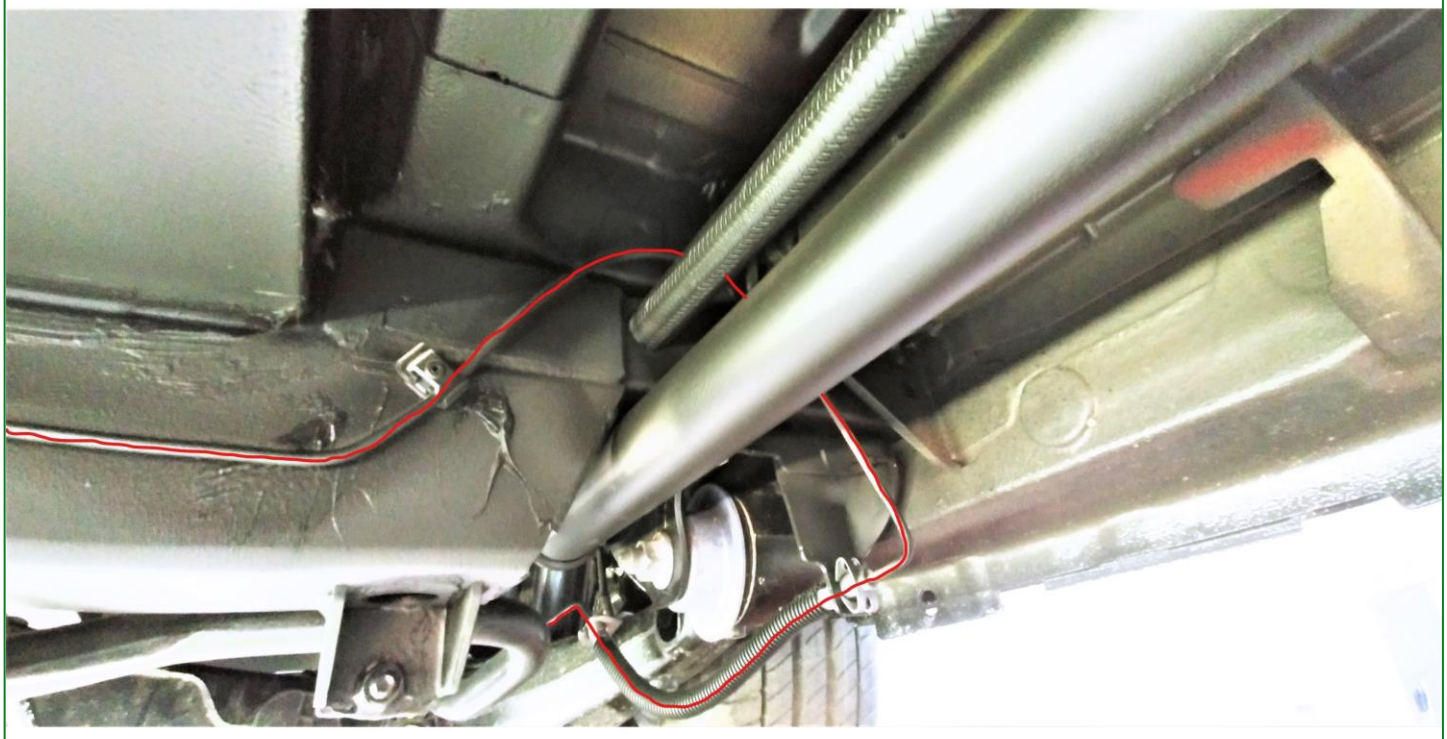


NO.	QTY.	PART	DESCRIPTION
1	9	4932	Clamp brake line
2	9	7214	Rivet 4,0x25 alu/st

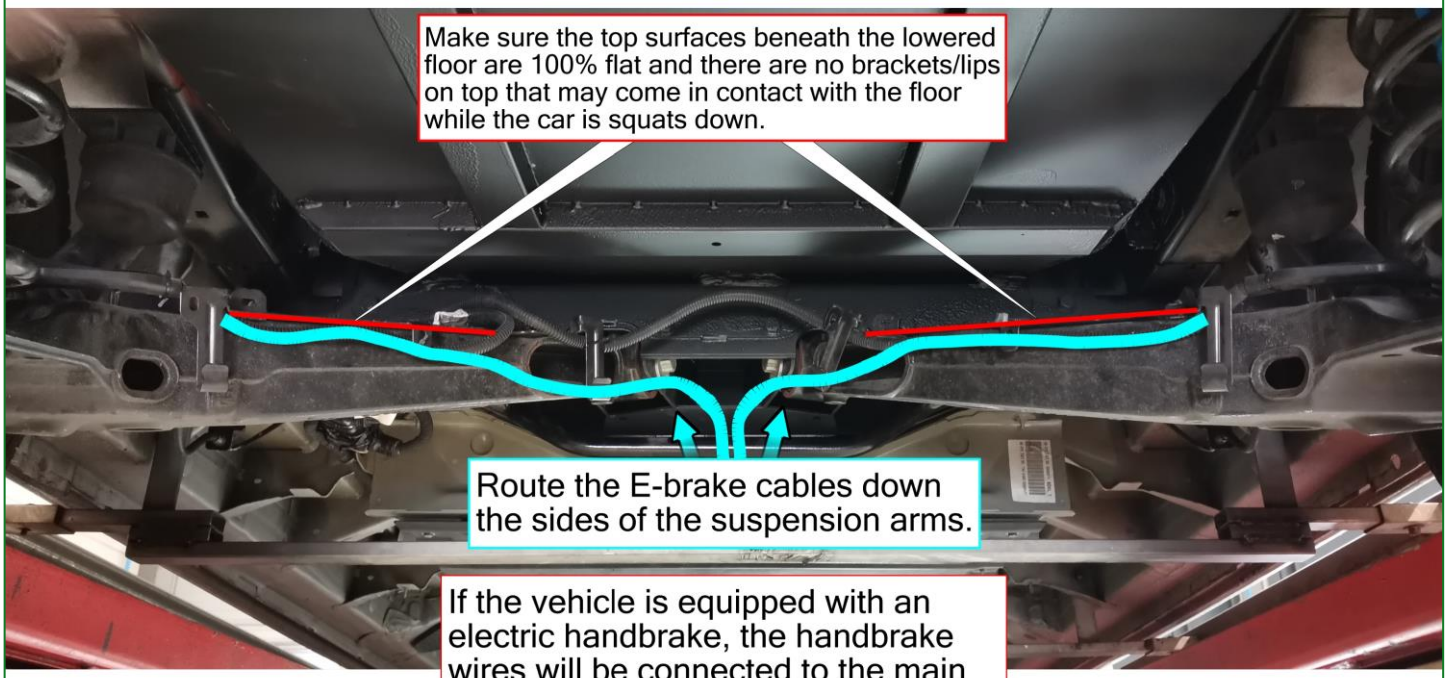
Install brake line mounts as shown


Install the brake lines on the mounts as shown


The right brake line goes through here

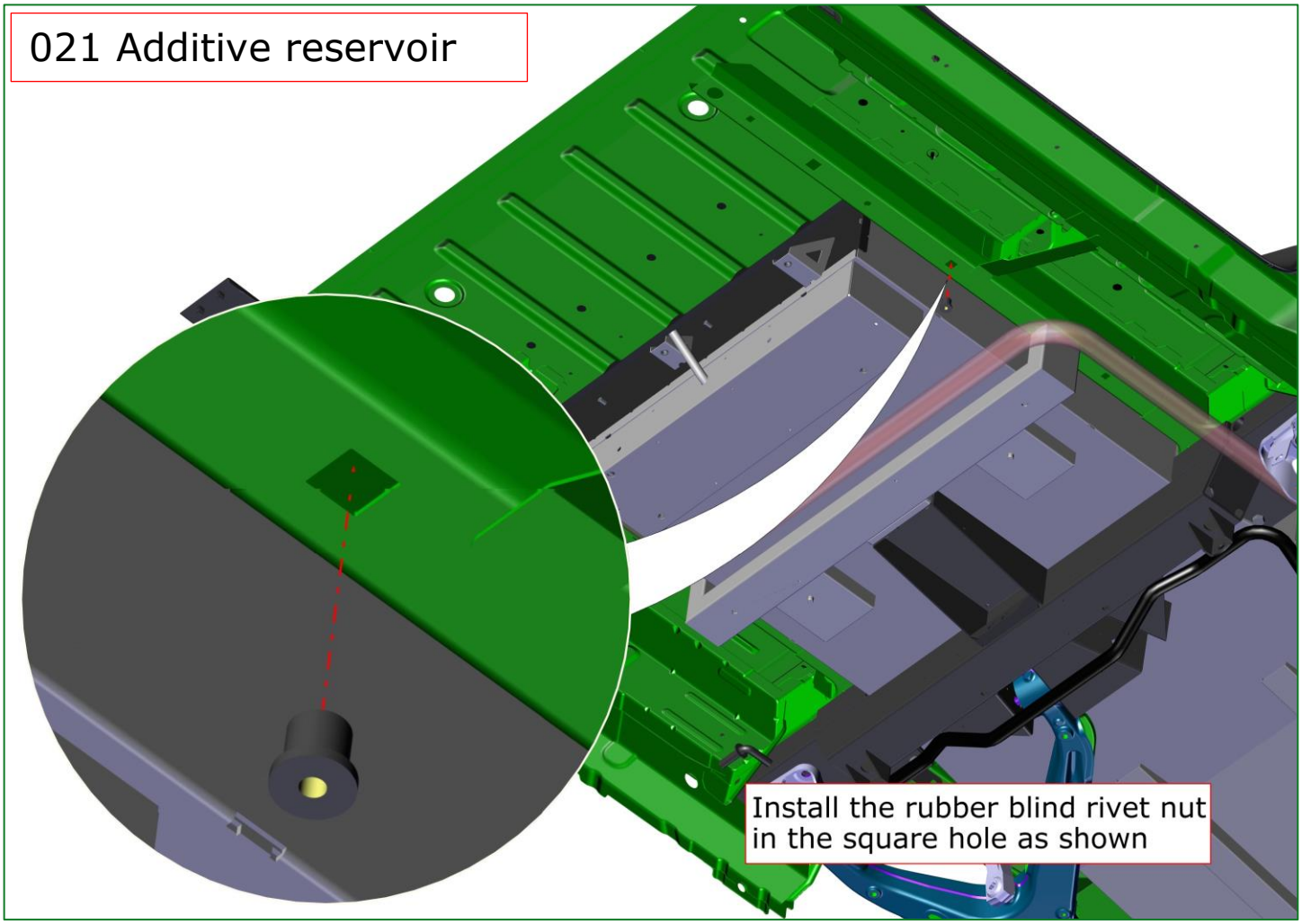


The left brake line should be placed like this

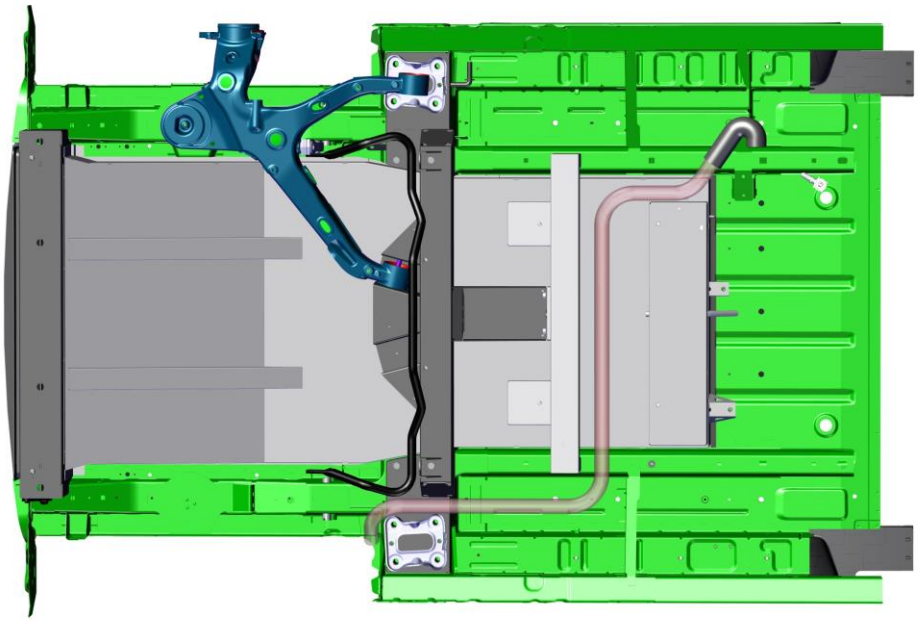


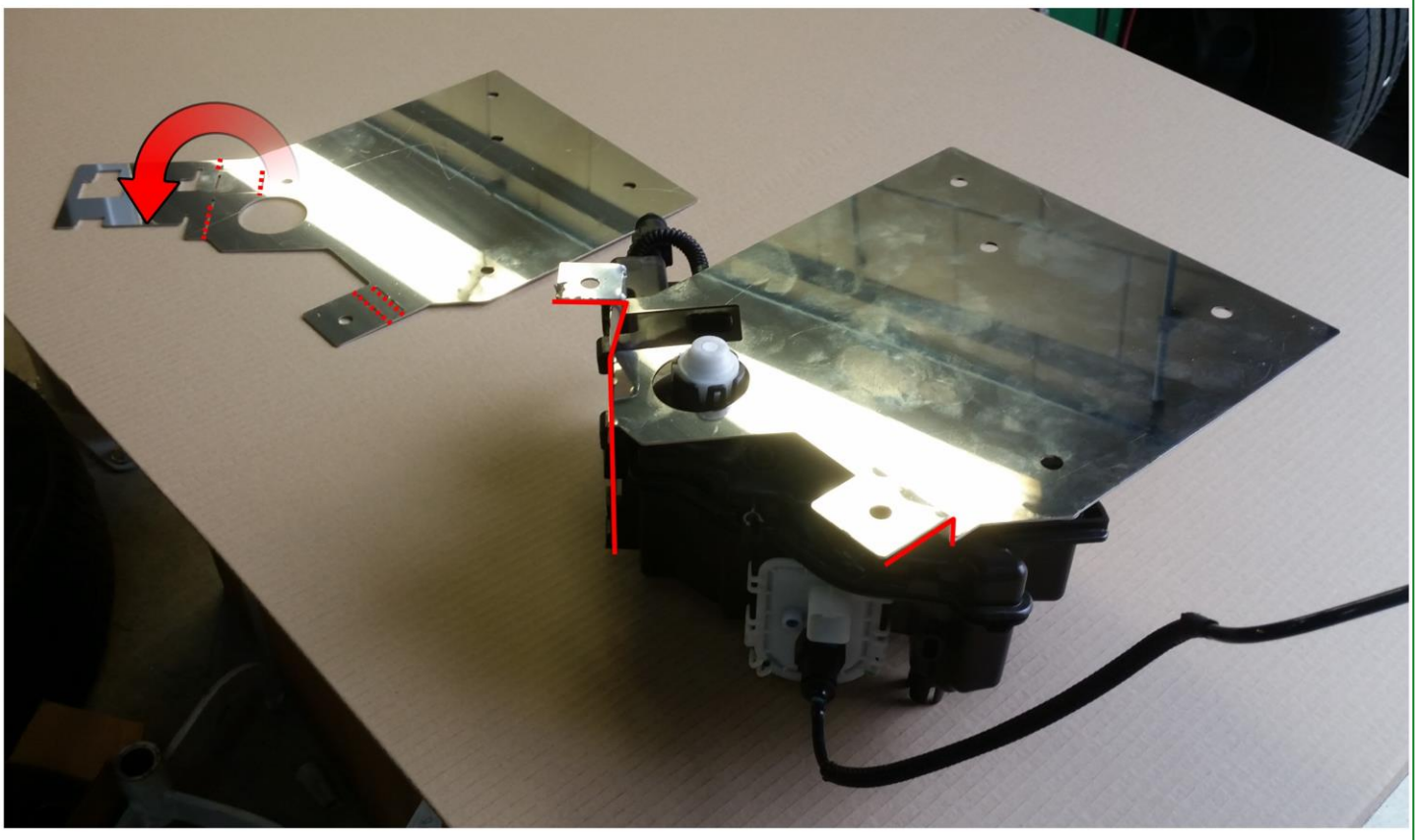
If the vehicle is equipped with an electric handbrake, the handbrake wires will be connected to the main wire loom. When the rear suspension arms are mounted, route the electric handbrake wires over the suspension arms as shown.

021 Additive reservoir

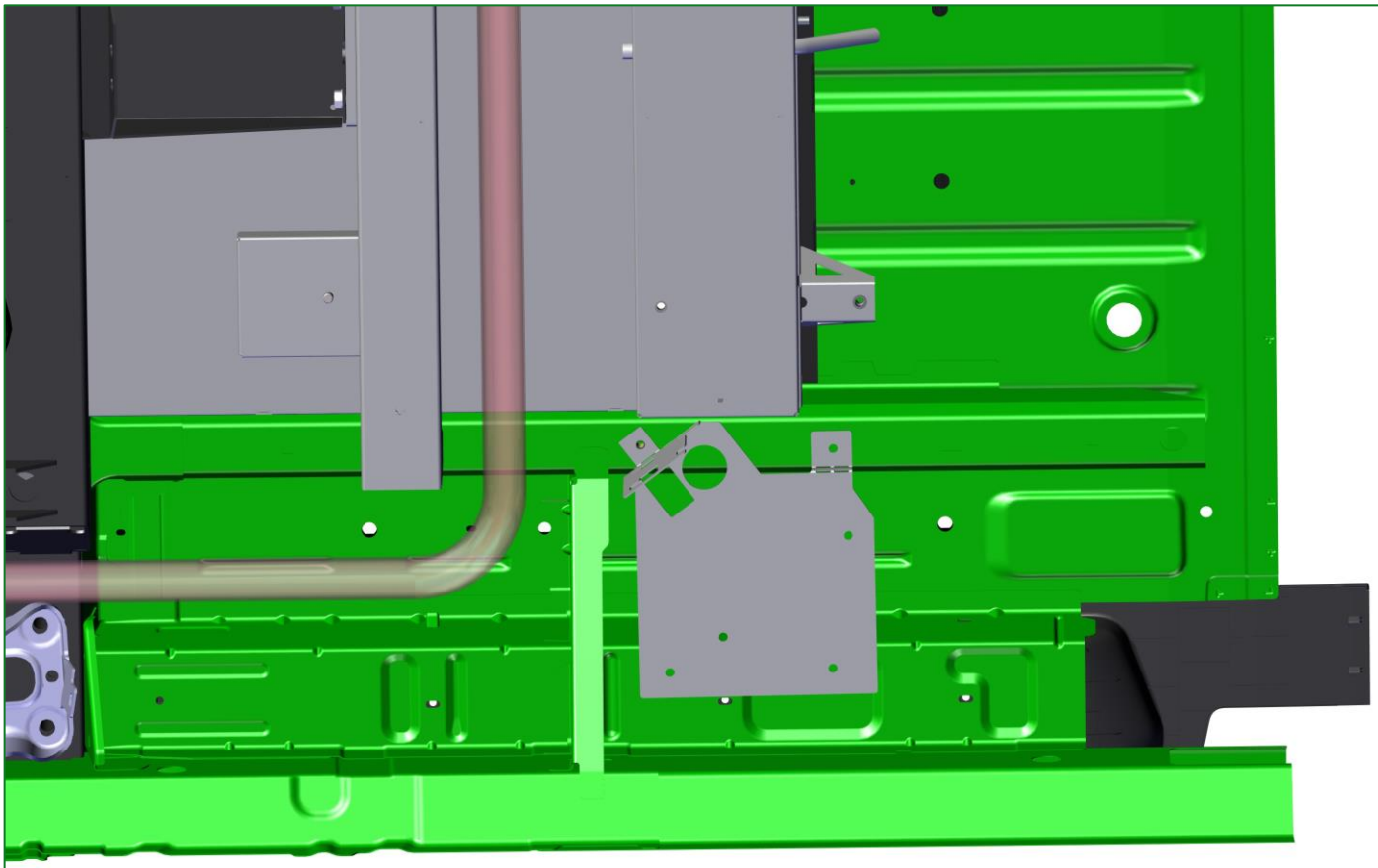


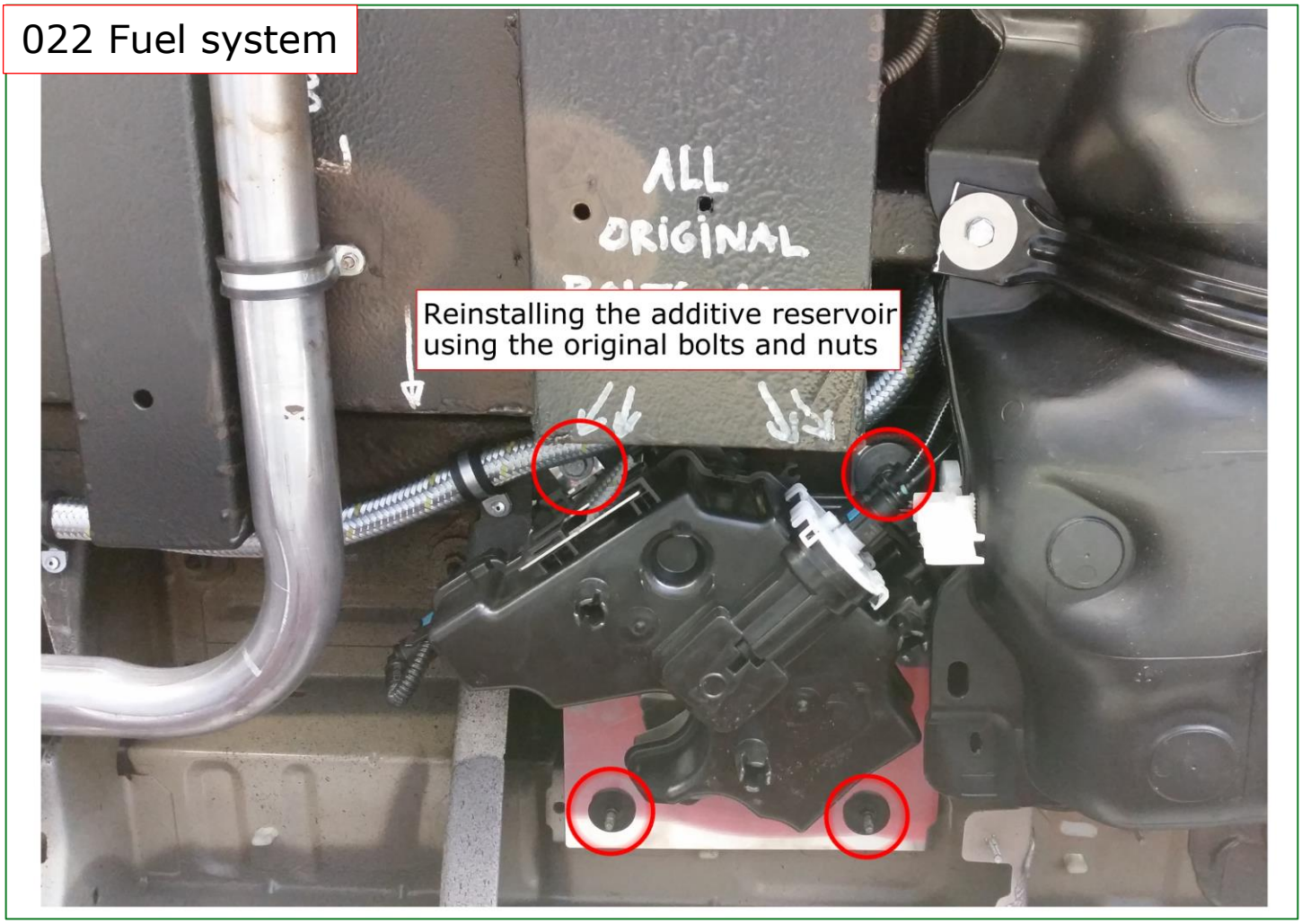
First bend the bracket and screw it on the reservoir as shown in the images

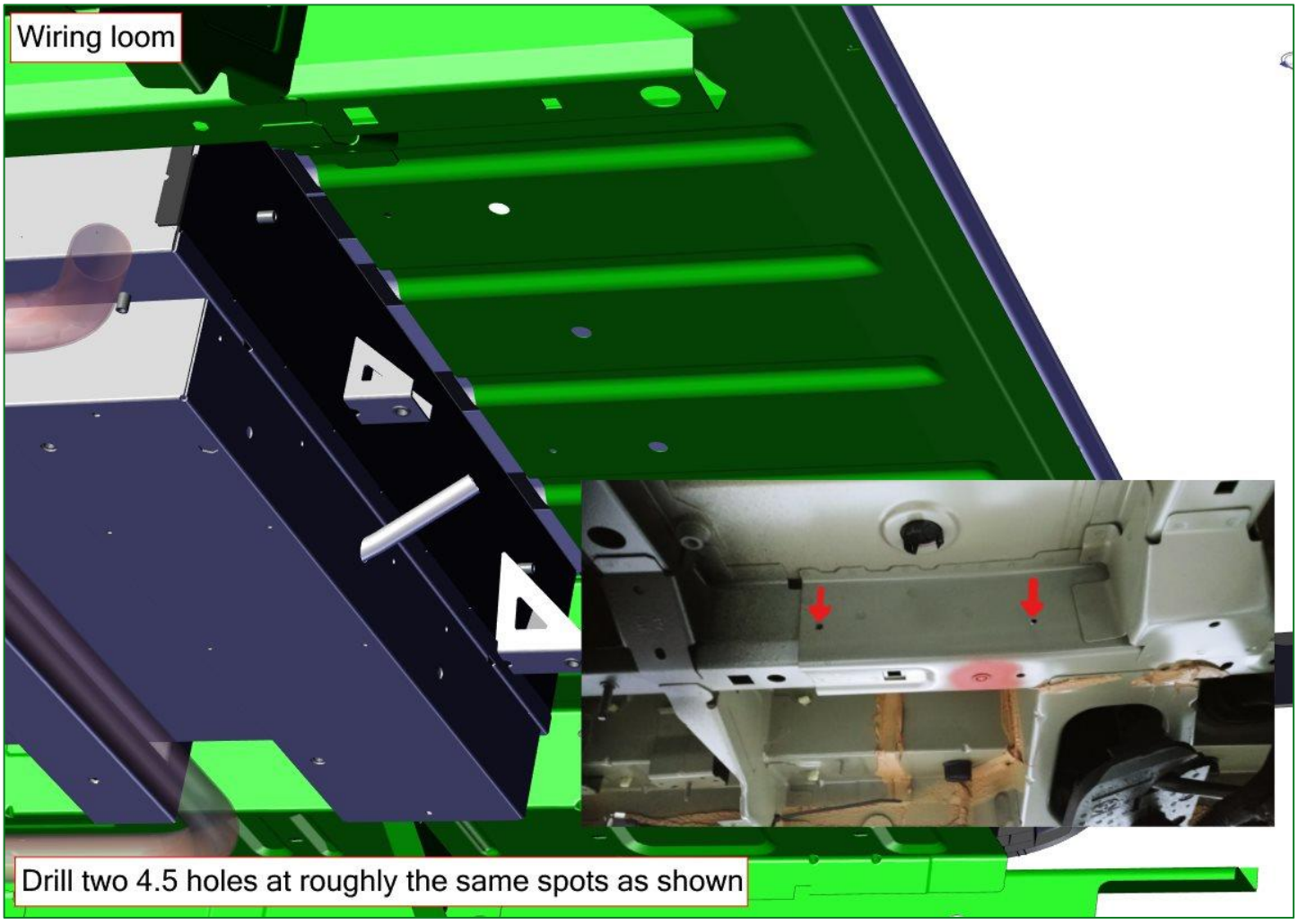




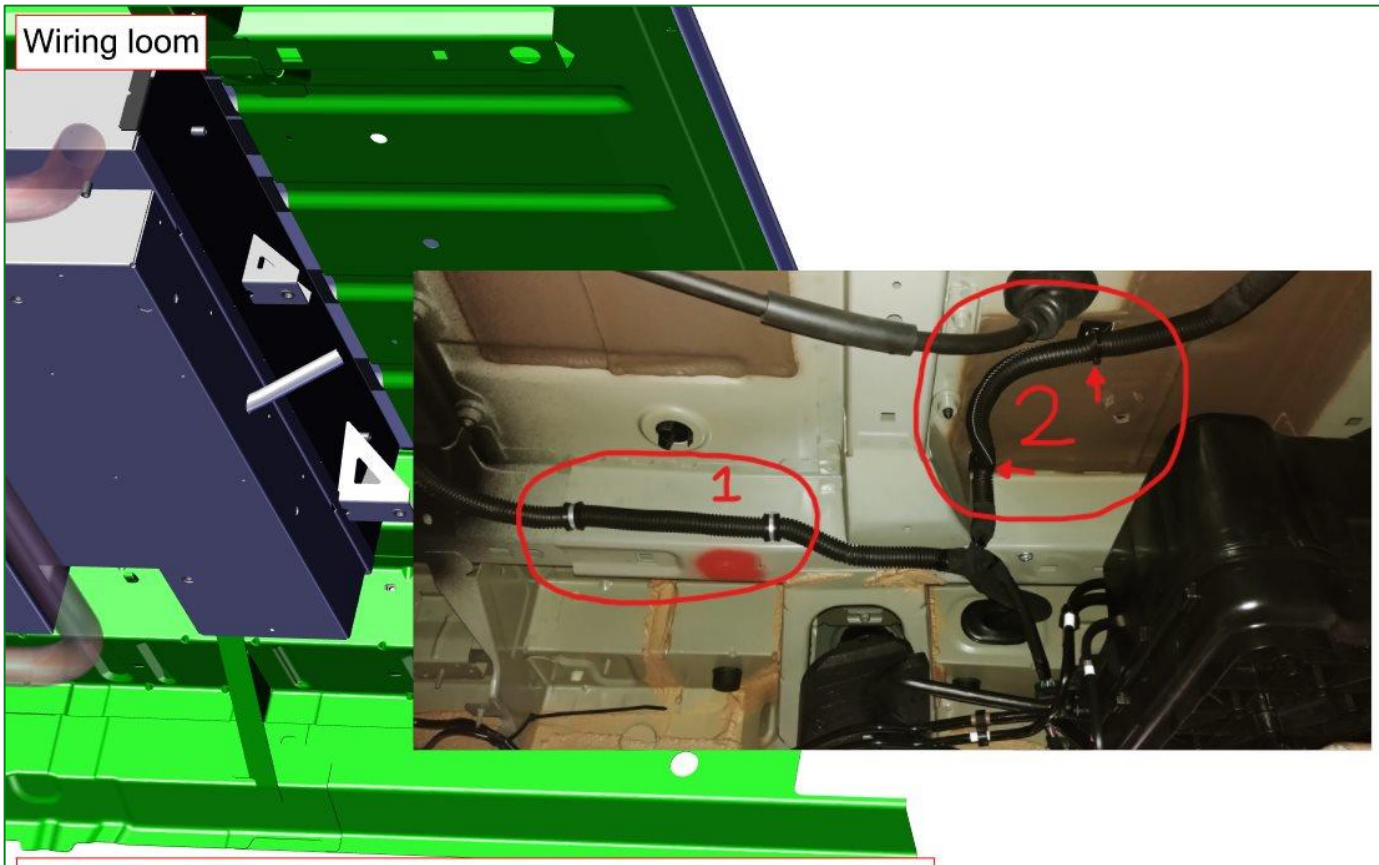

ORIGINAL
INSIDE BUMPER
BOLTS
Re-use the 2 original bolts from the inner bumper




ALL
ORIGINAL
Reinstalling the additive reservoir
using the original bolts and nuts


Wiring loom
Drill two 4.5 holes at roughly the same spots as shown

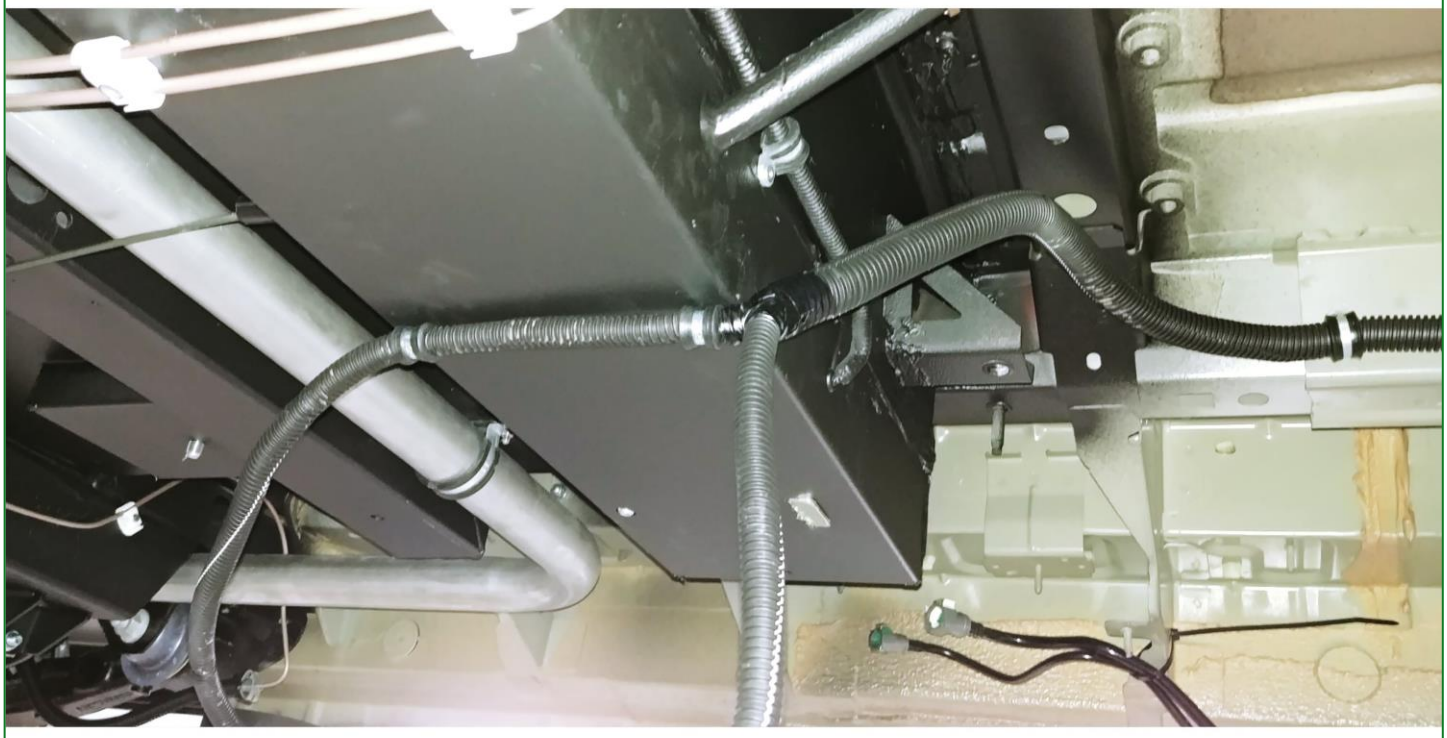
Wiring loom



Lower the AdBlue tank to have better access to the wire loom

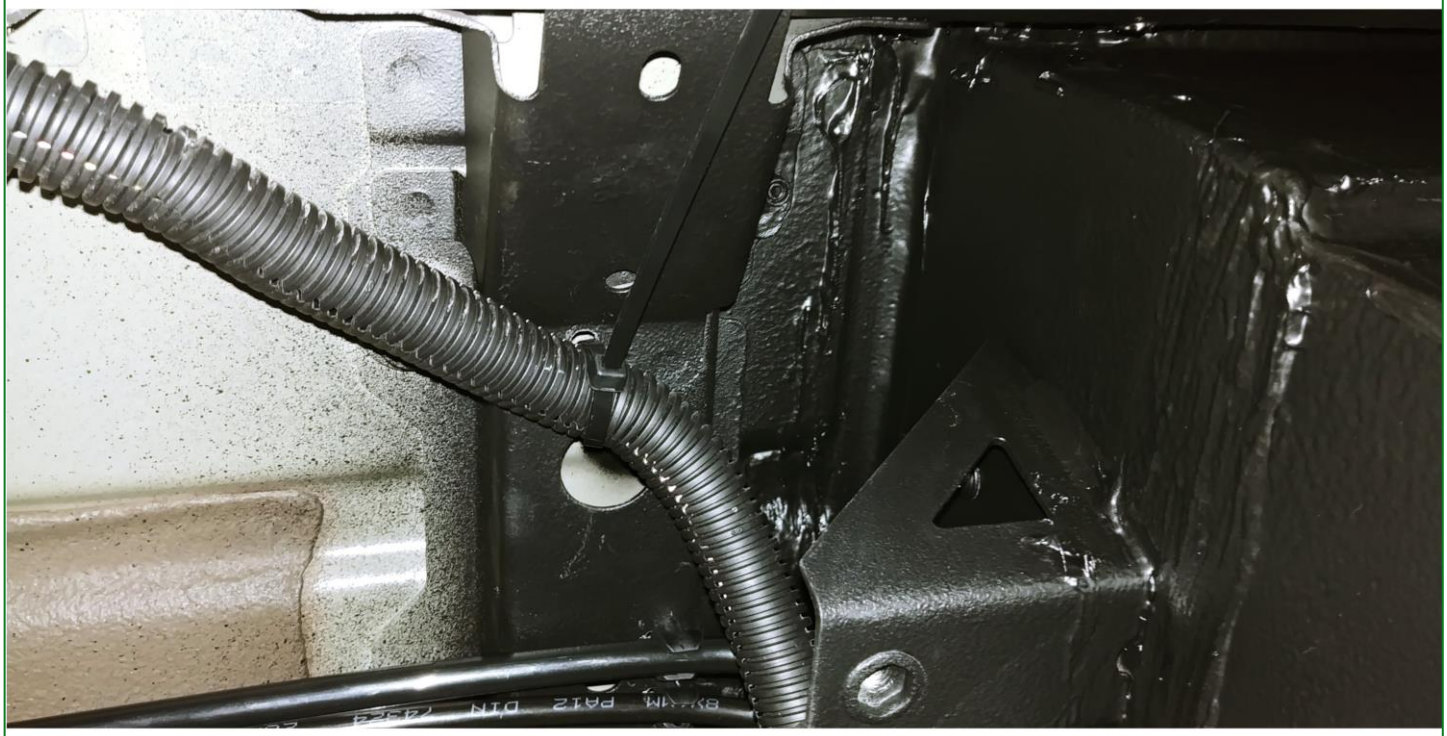
Position the wire loom with clambs and magna-loks (1)
Then use stick clambs to position the other part of the wire loom (2)

Wiring loom



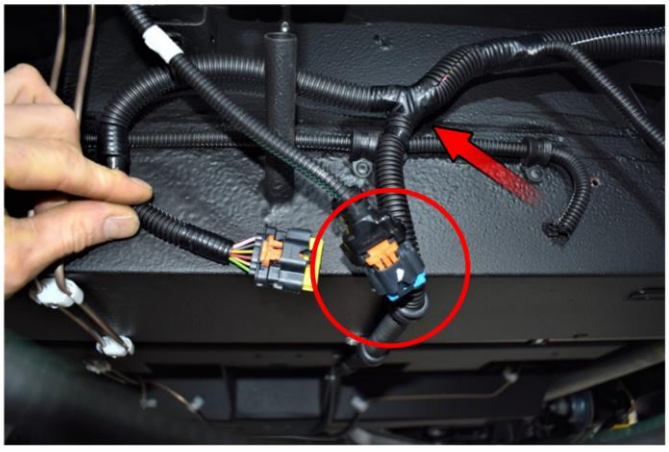
Use clambs and magna-loks to position the wire loom
Magna loks go in the holes that are already there

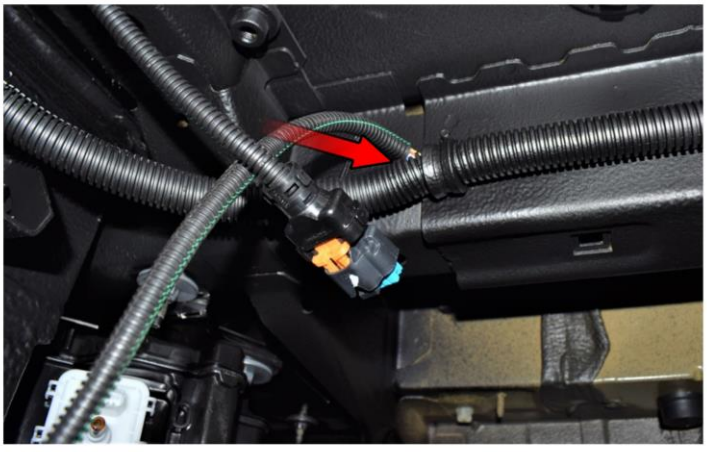
Wiring loom



Drill a small hole in the frame bar and use a ty-rap to keep the wire loom in place

Euro 6.3 fuel filter

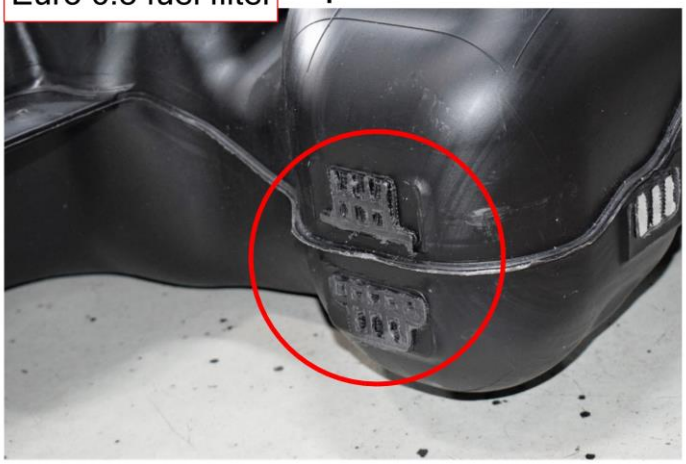




Move the fuel filter connector towards the front of the vehicle, as shown in the pictures above.
Seal the (created) open sections of the cable harness with electrical tape.

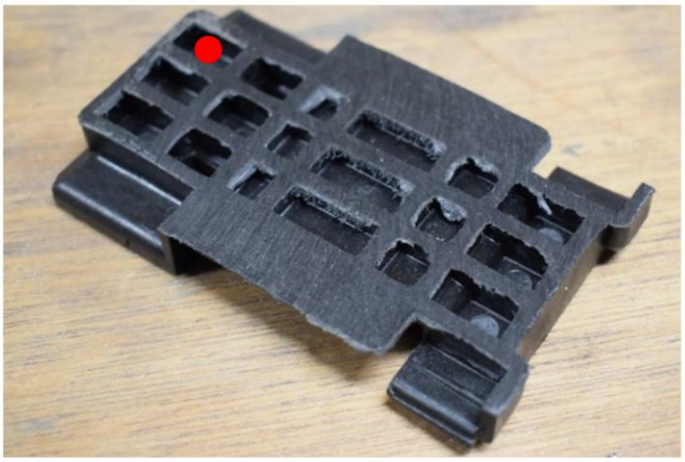
Euro 6.3 fuel filter

1



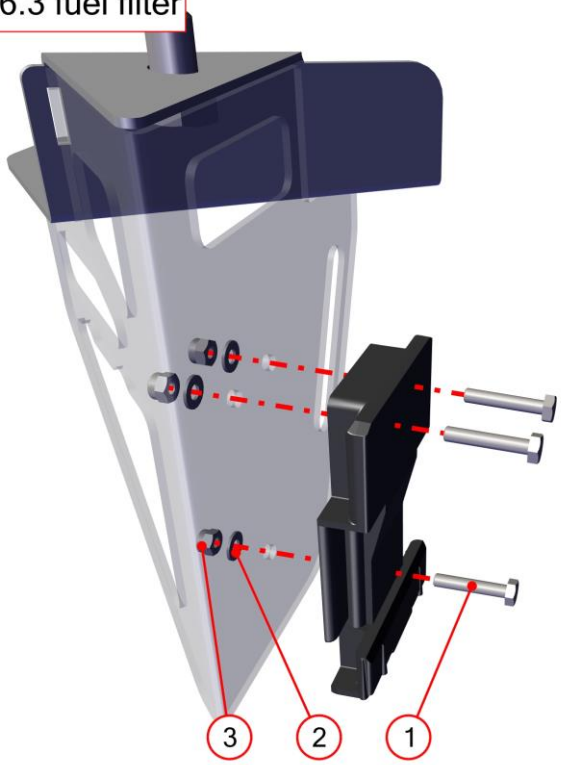
2

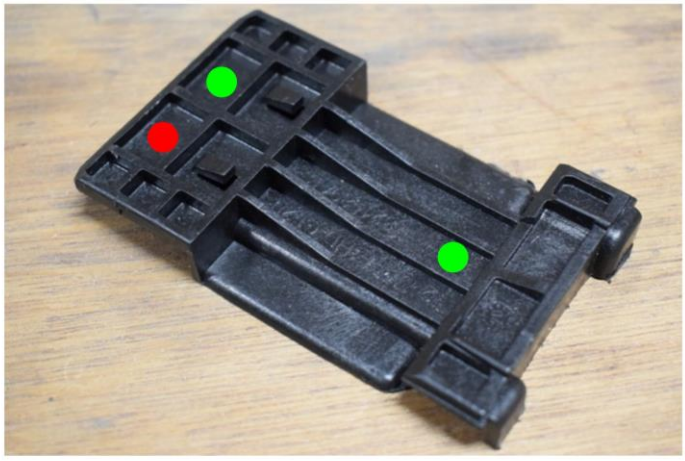
3



Remove the OEM filter bracket from the back of the fuel tank. Flatten the back of the OEM filter bracket until it reaches the same thickness as in the pictures. Drill a Ø4,5mm hole in the filter bracket (red dot).

Euro 6.3 fuel filter

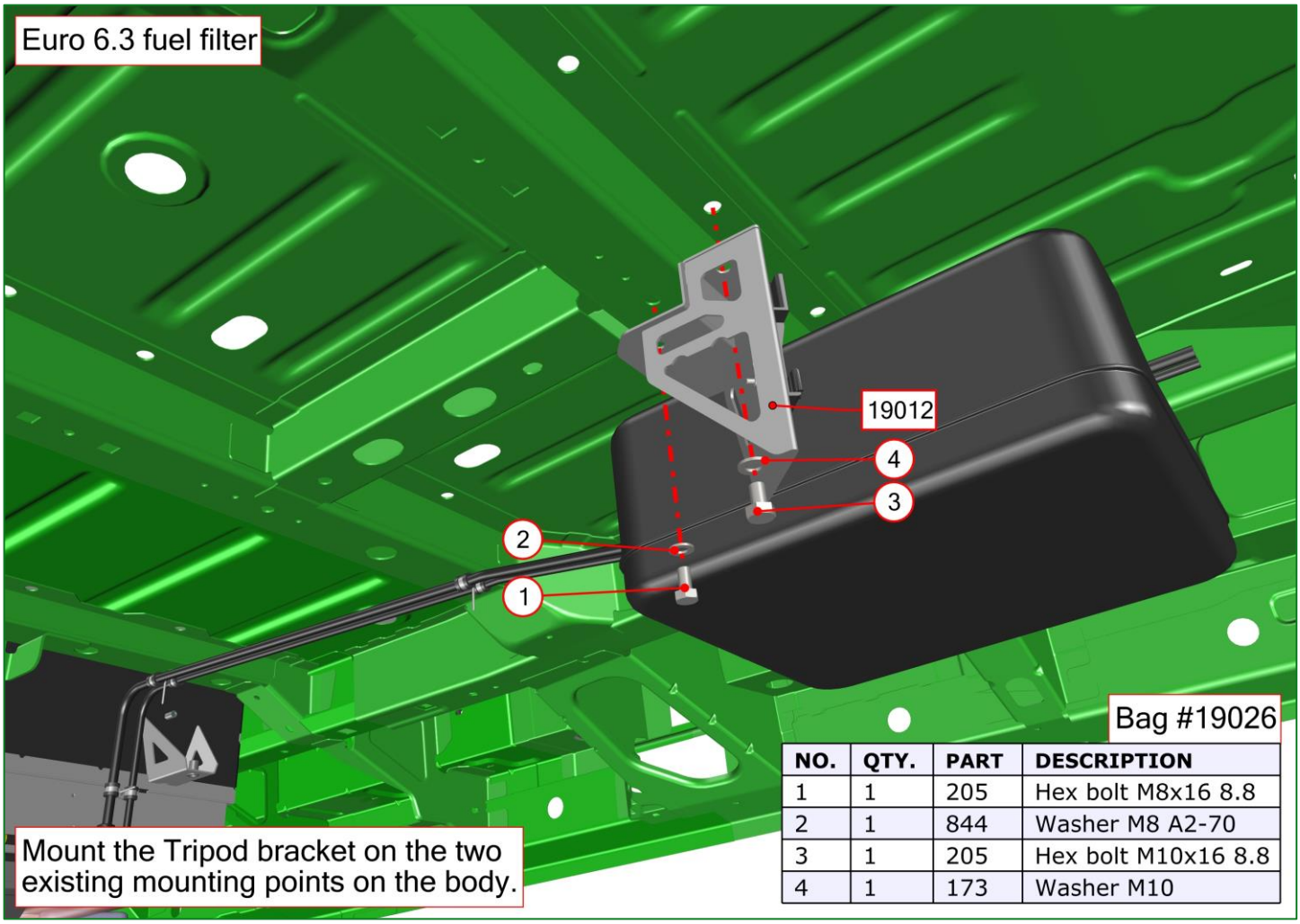




Mount the bracket on the pre-drilled mounting point of the bracket (red dot). Position the OEM filter bracket parallel to the Tripod bracket and drill the remaining mounting points (green dots).

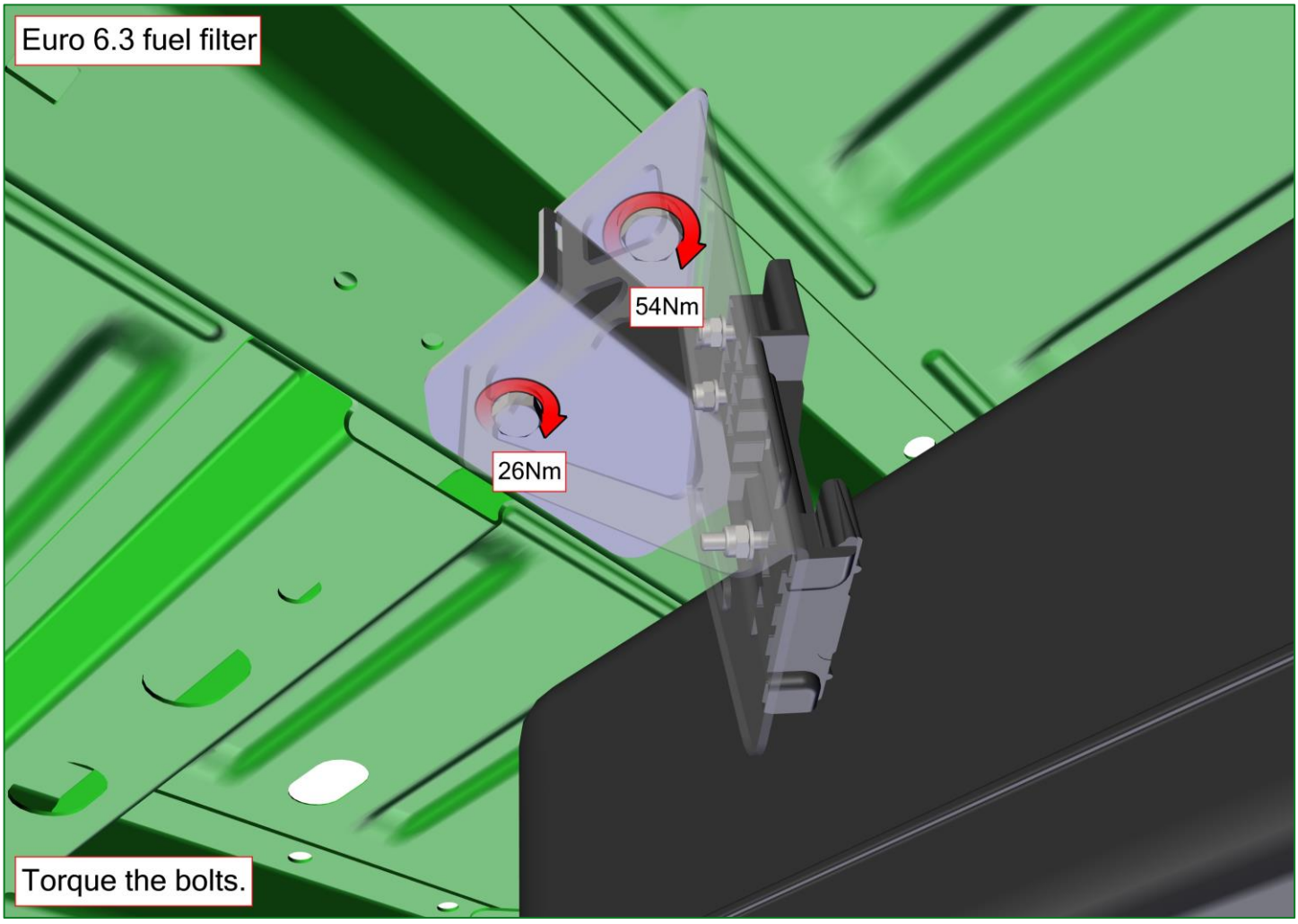
Bag #19026

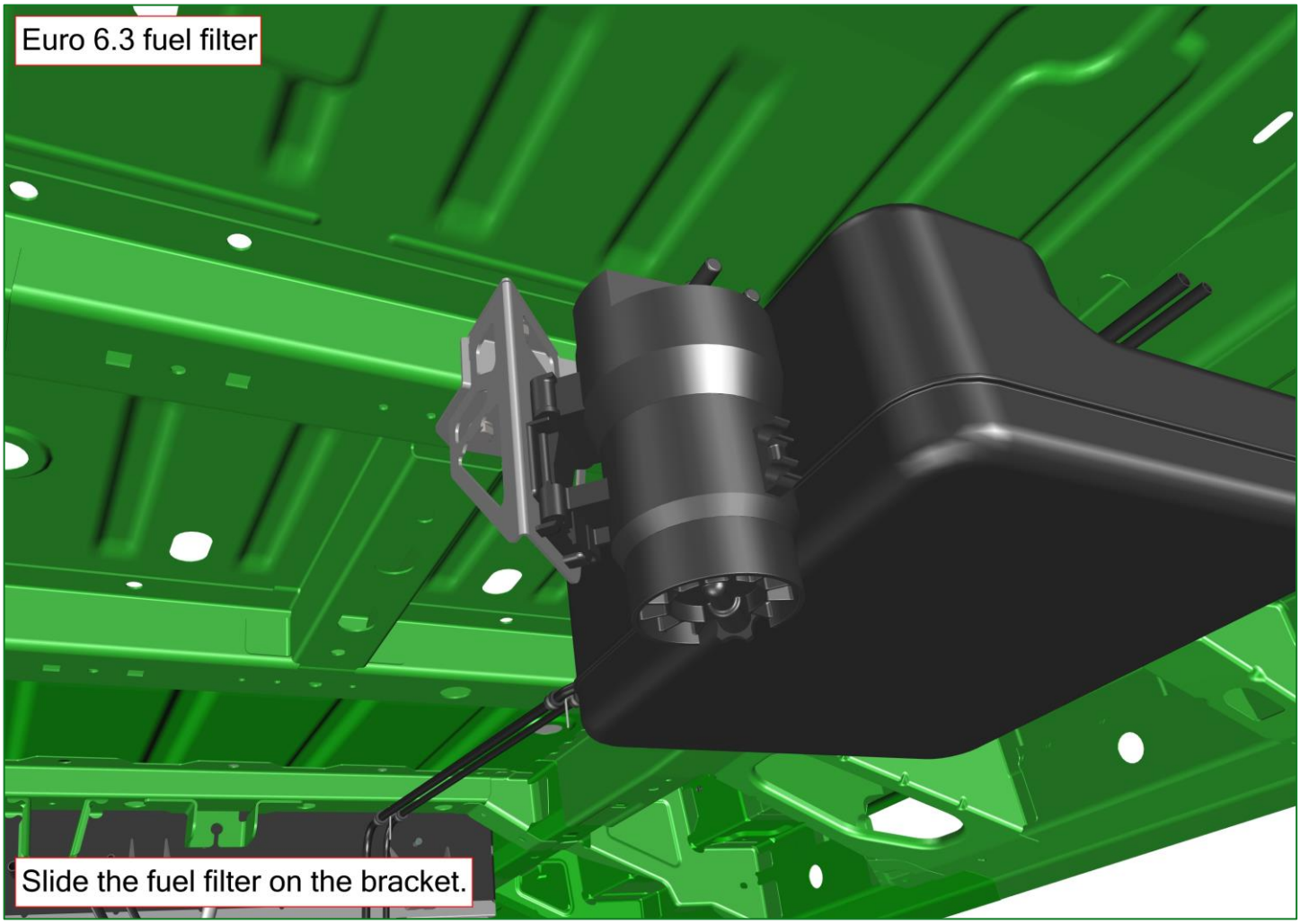
NO.	QTY.	PART	DESCRIPTION
1	3	12022	Hex bolt M4x22 A2-70
2	3	18	Washer M4 A2-70
3	3	10939	Torque nut M4 A2-70



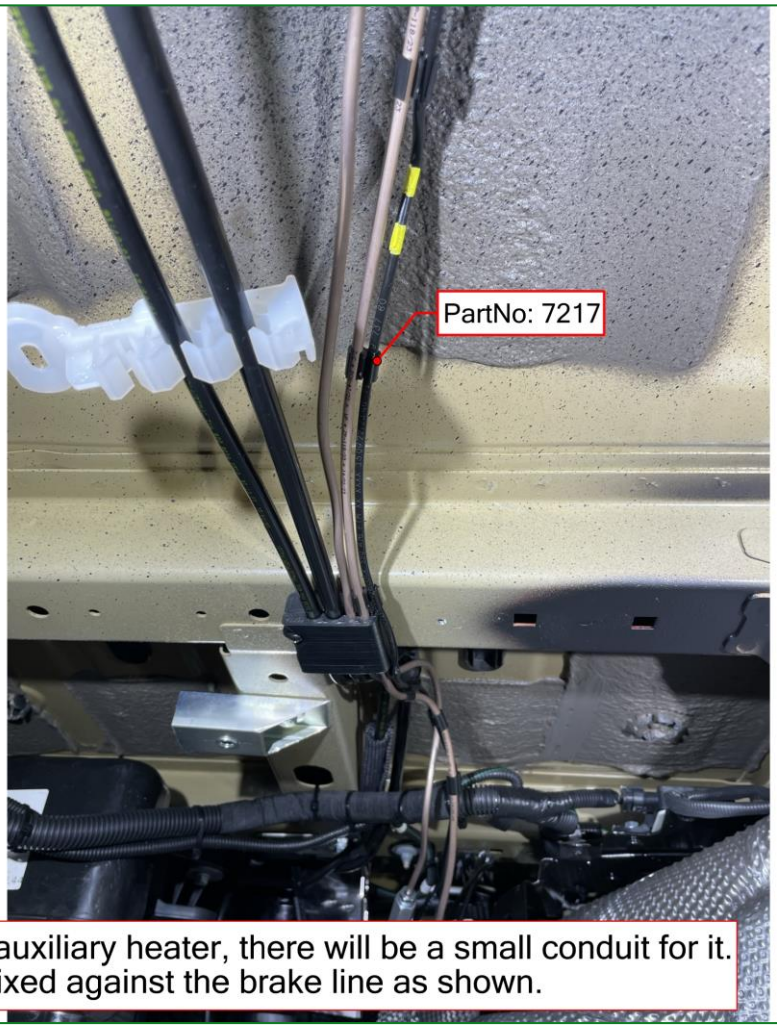
Bag #19026

NO.	QTY.	PART	DESCRIPTION
1	1	205	Hex bolt M8x16 8.8
2	1	844	Washer M8 A2-70
3	1	205	Hex bolt M10x16 8.8
4	1	173	Washer M10



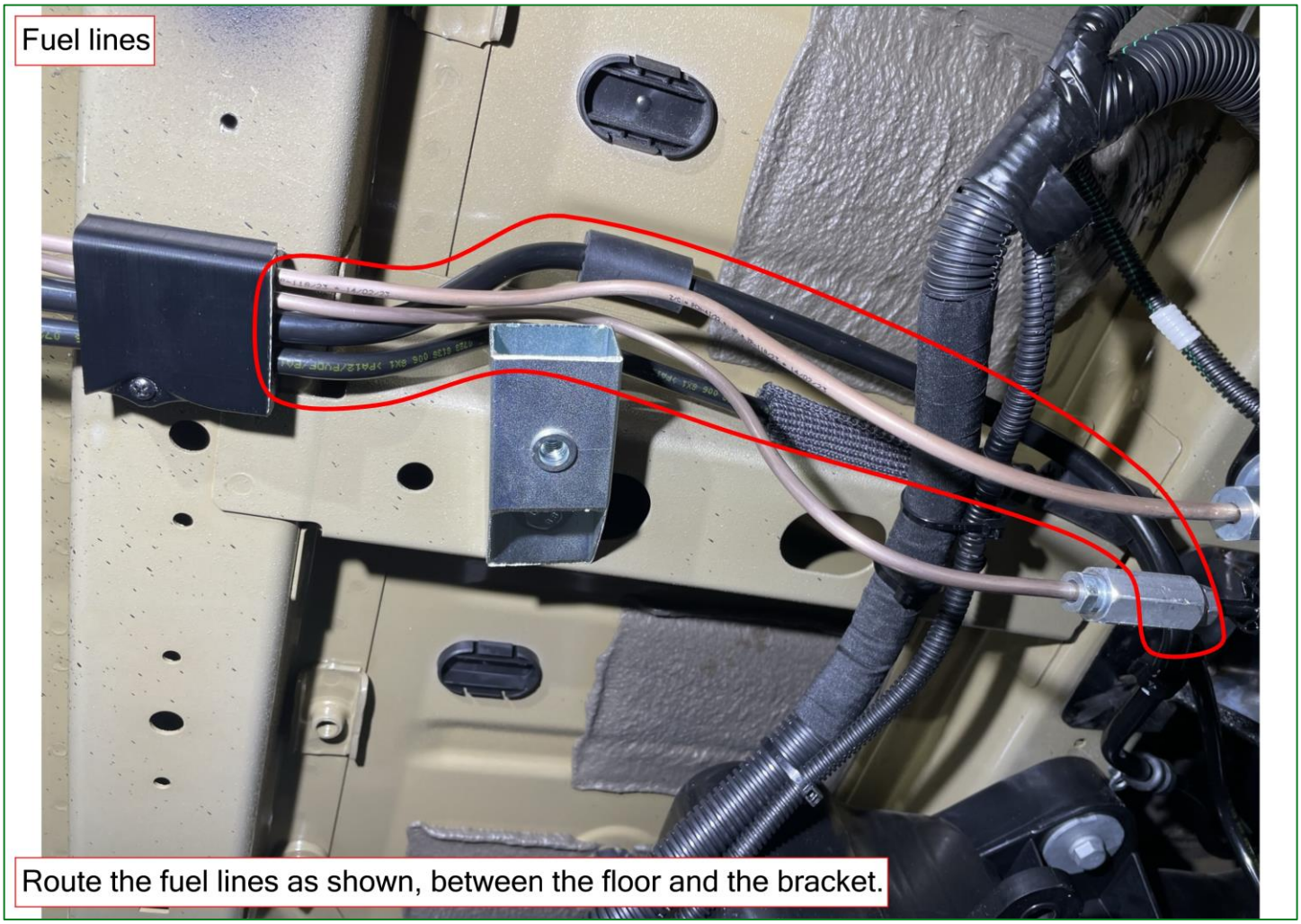


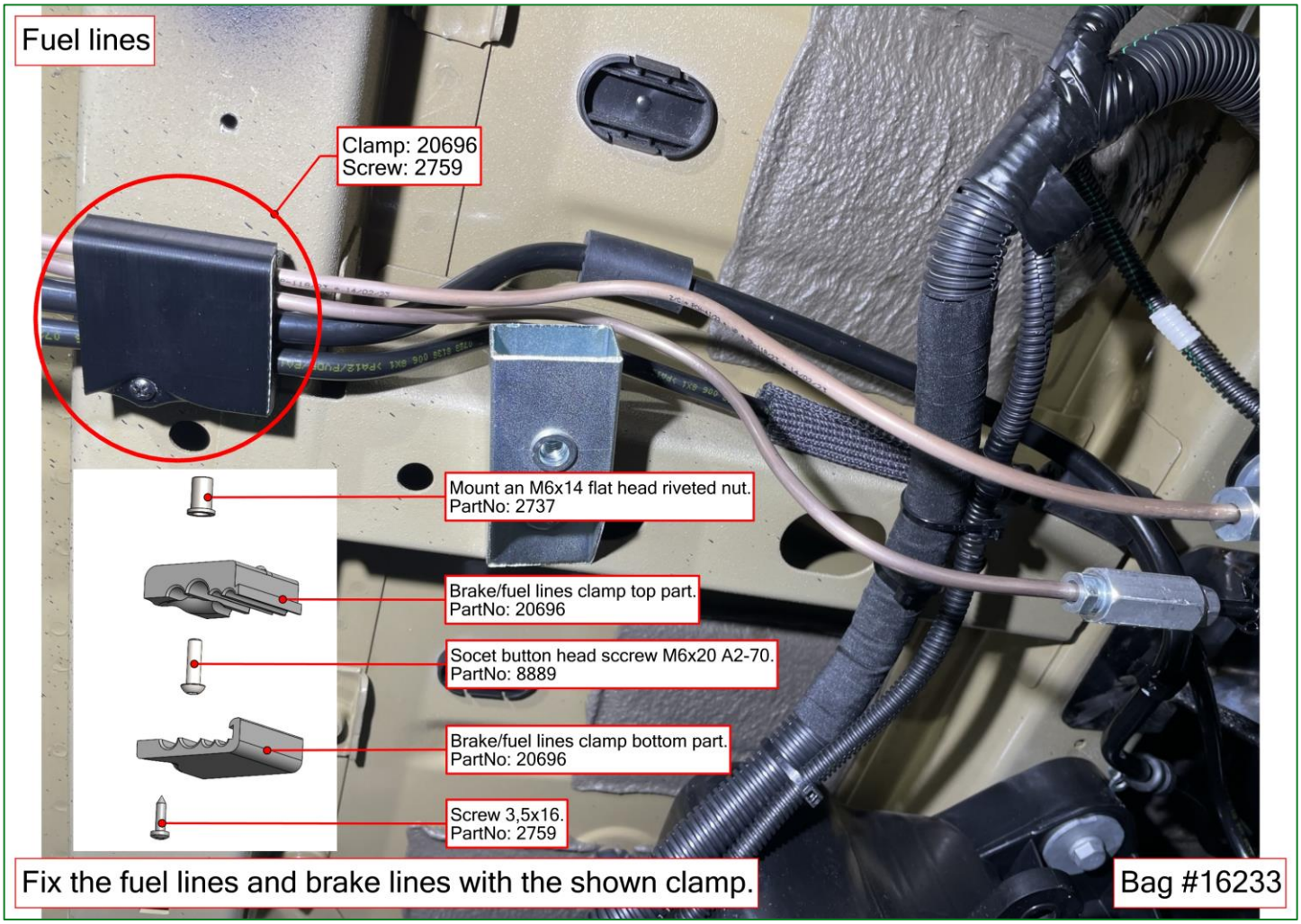
Fuel lines



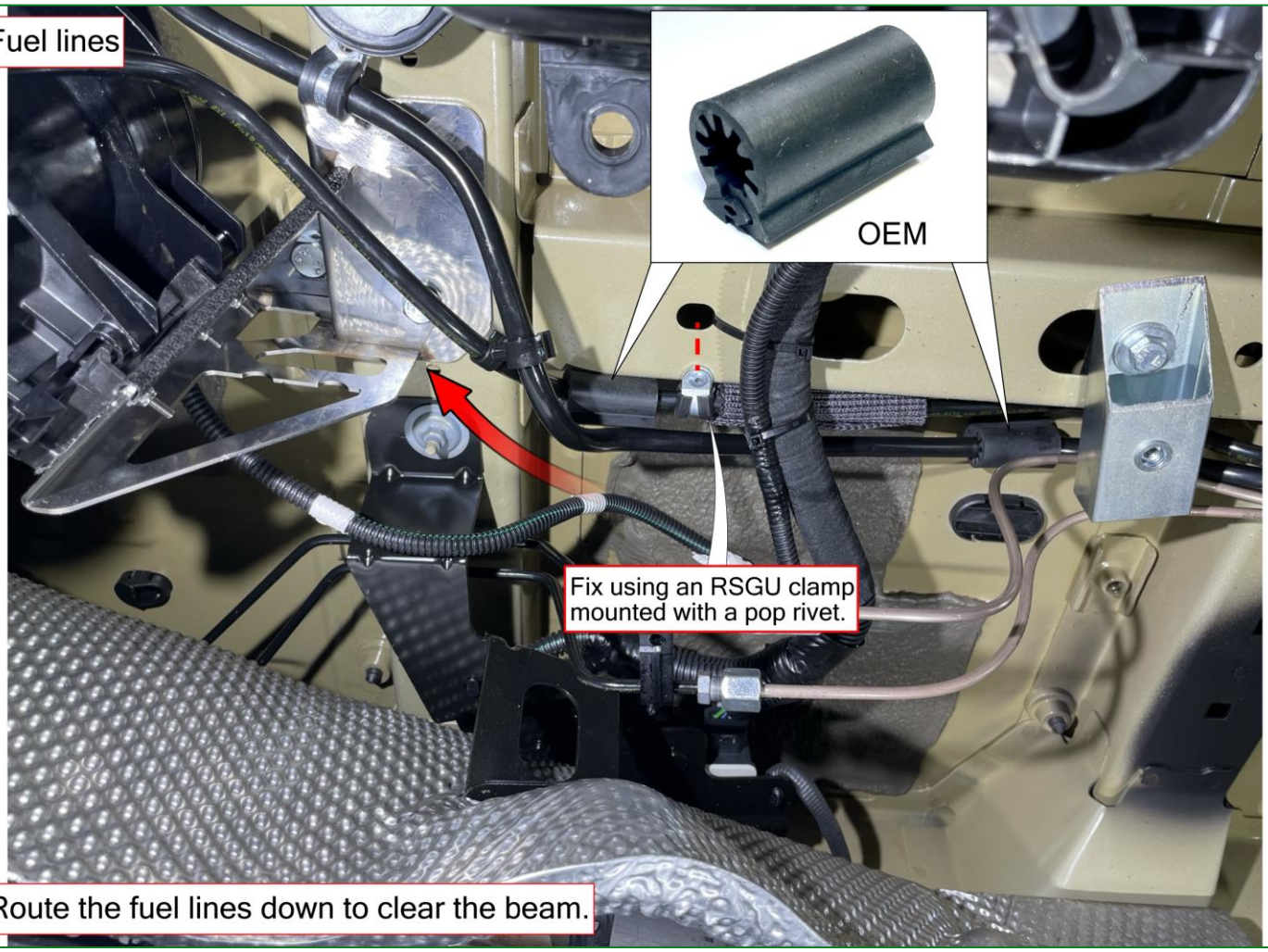
If the vehicle has an auxiliary heater, there will be a small conduit for it.
This conduit can be fixed against the brake line as shown.

Bag #16233


Fuel lines
Route the fuel lines as shown, between the floor and the bracket.

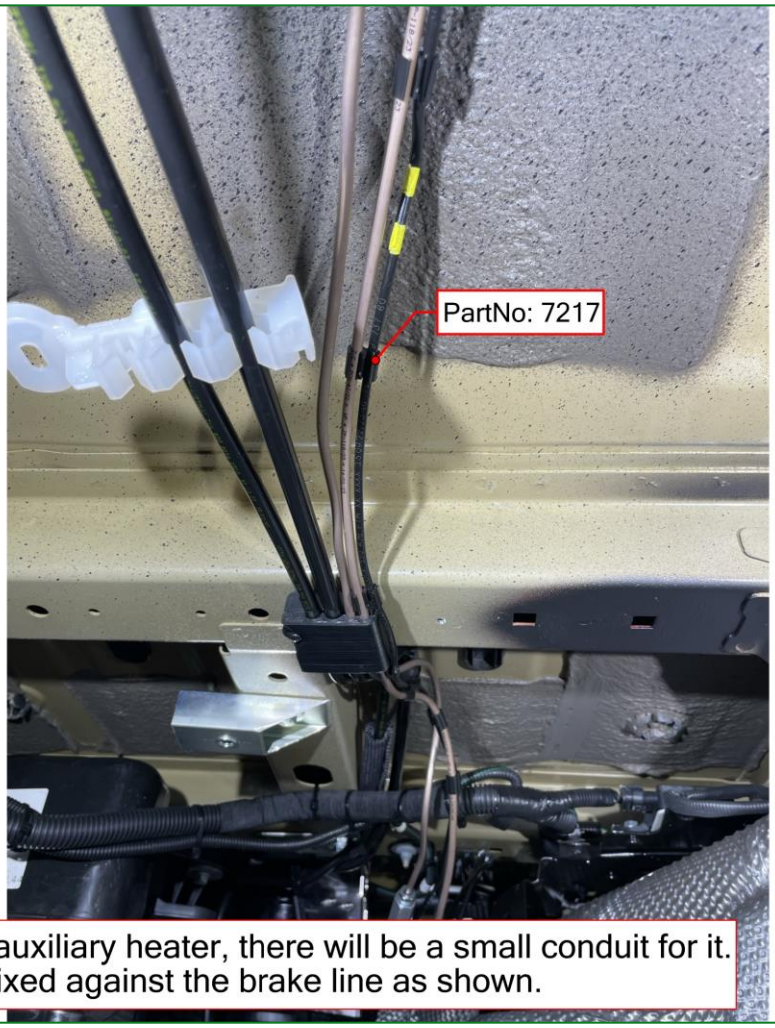

Fuel lines
Clamp: 20696
Screw: 2759
Mount an M6x14 flat head riveted nut.
PartNo: 2737
Brake/fuel lines clamp top part.
PartNo: 20696
Socet button head sccrew M6x20 A2-70.
PartNo: 8889
Brake/fuel lines clamp bottom part.
PartNo: 20696
Screw 3,5x16.
PartNo: 2759
Fix the fuel lines and brake lines with the shown clamp.
Bag #16233

Fuel lines



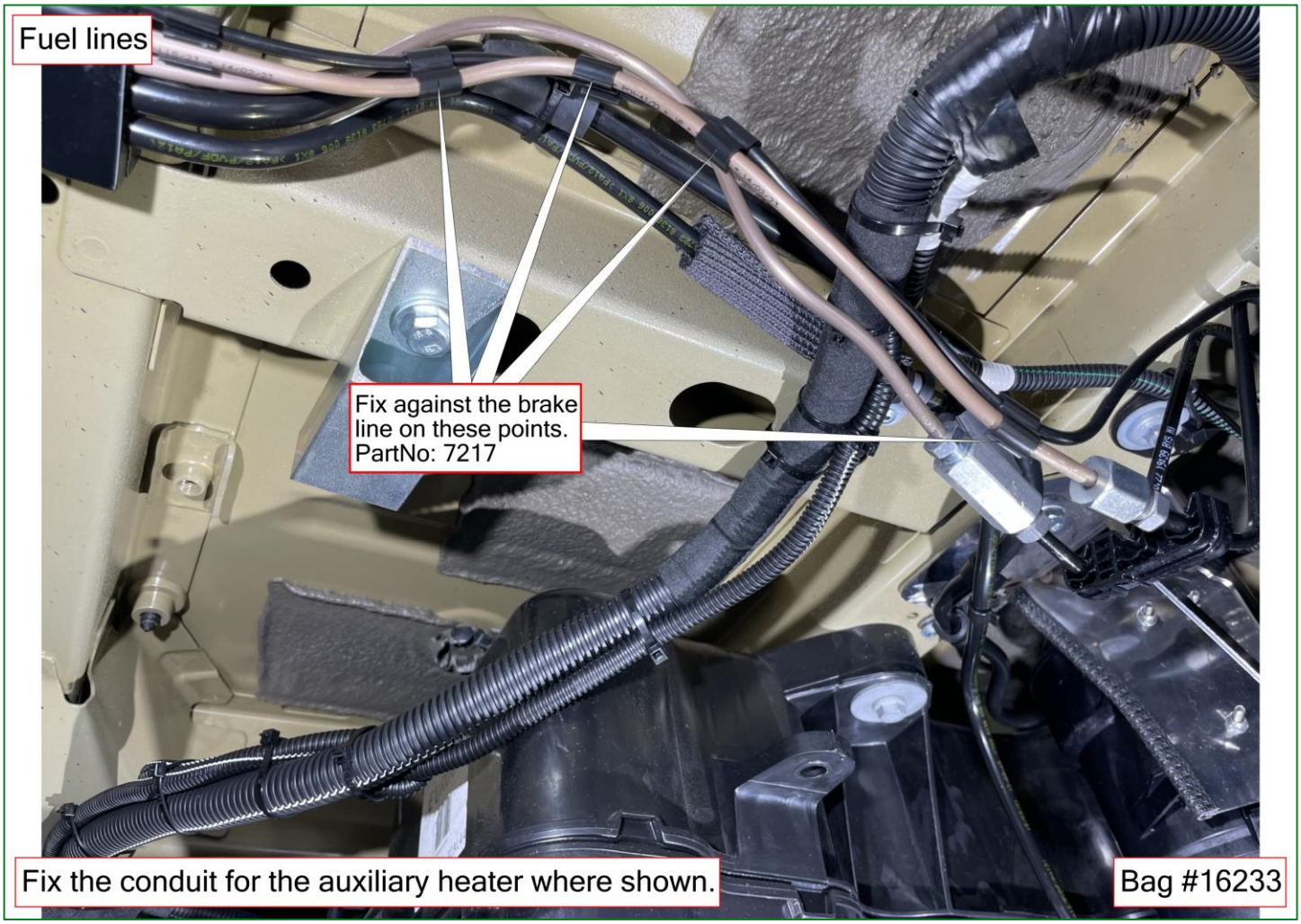
Route the fuel lines down to clear the beam.

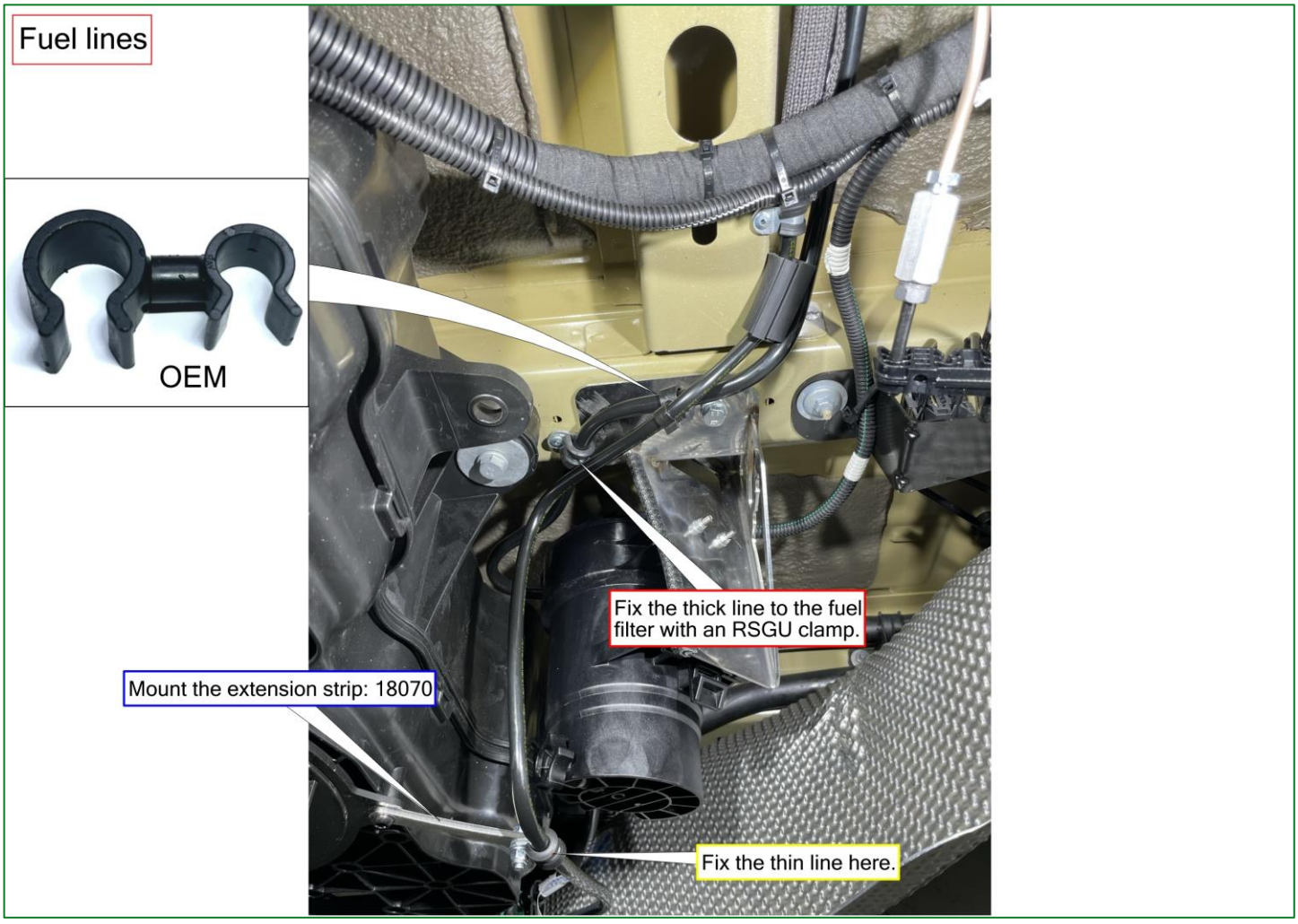
Fuel lines



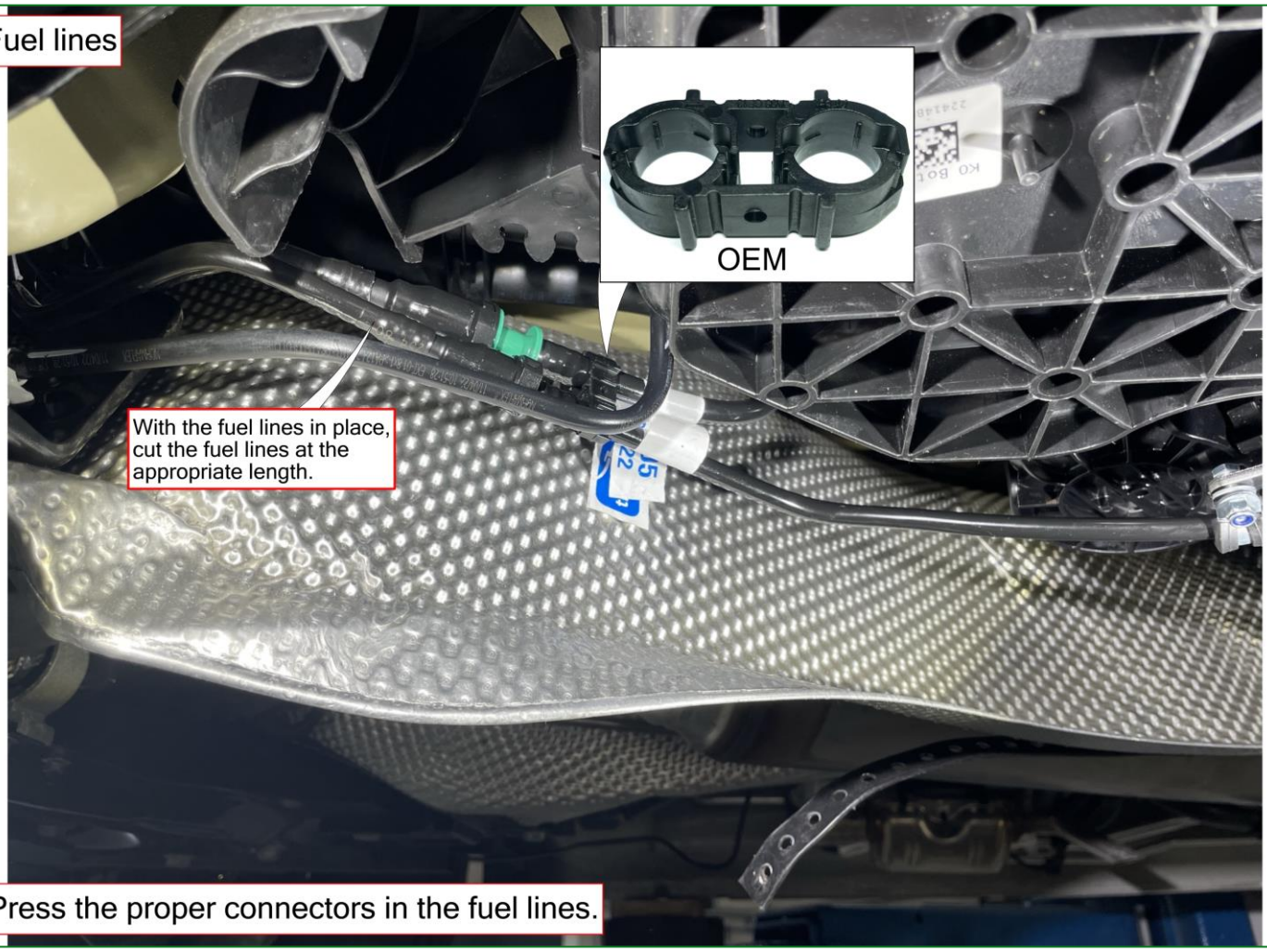
If the vehicle has an auxiliary heater, there will be a small conduit for it.
This conduit can be fixed against the brake line as shown.

Bag #16233


Fuel lines
Fix against the brake line on these points. PartNo: 7217
Fix the conduit for the auxiliary heater where shown.
Bag #16233

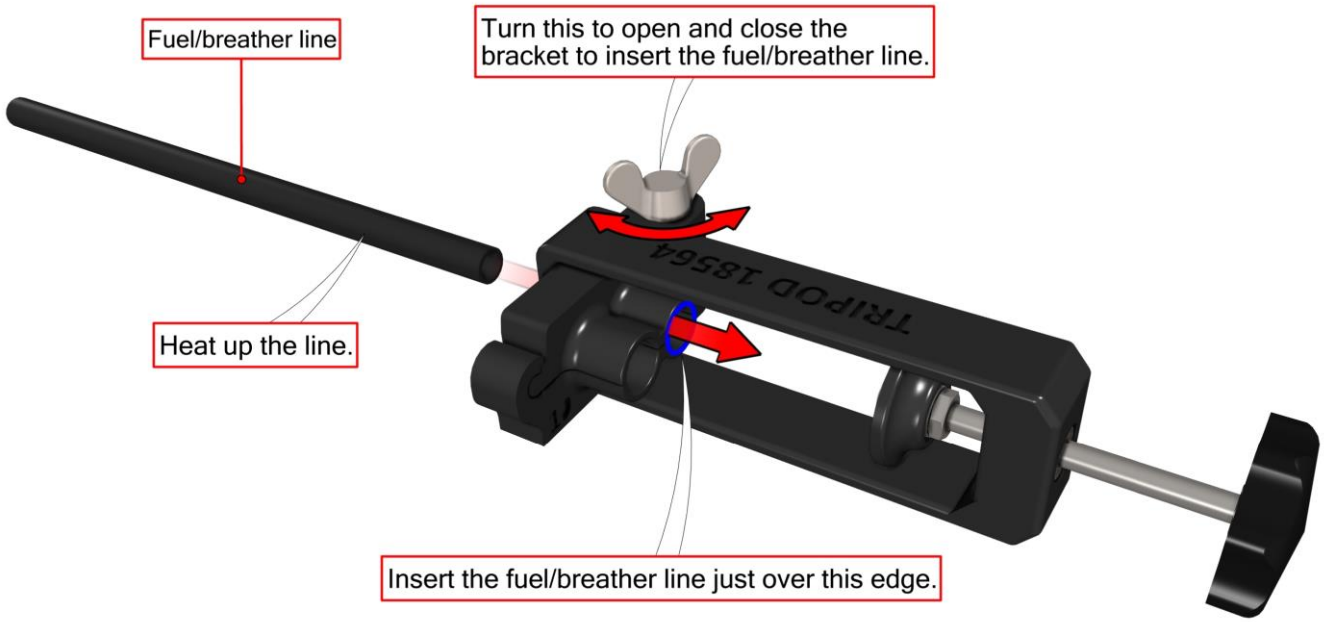

Fuel lines
OEM
Fix the thick line to the fuel filter with an RSGU clamp.
Mount the extension strip: 18070
Fix the thin line here.

Fuel lines



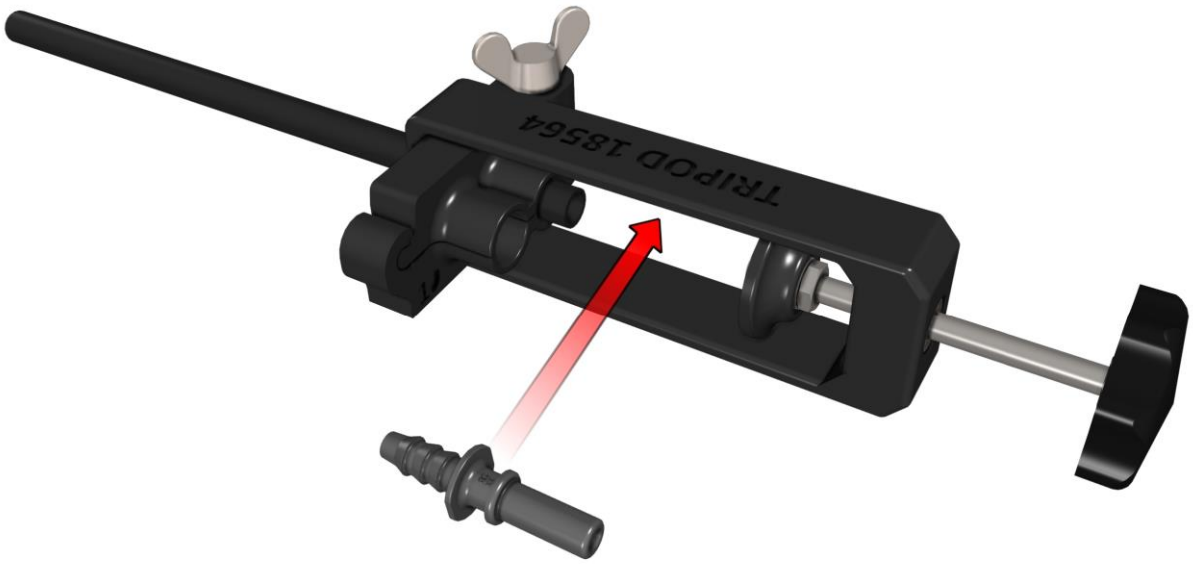
Press the proper connectors in the fuel lines.

Fuel lines



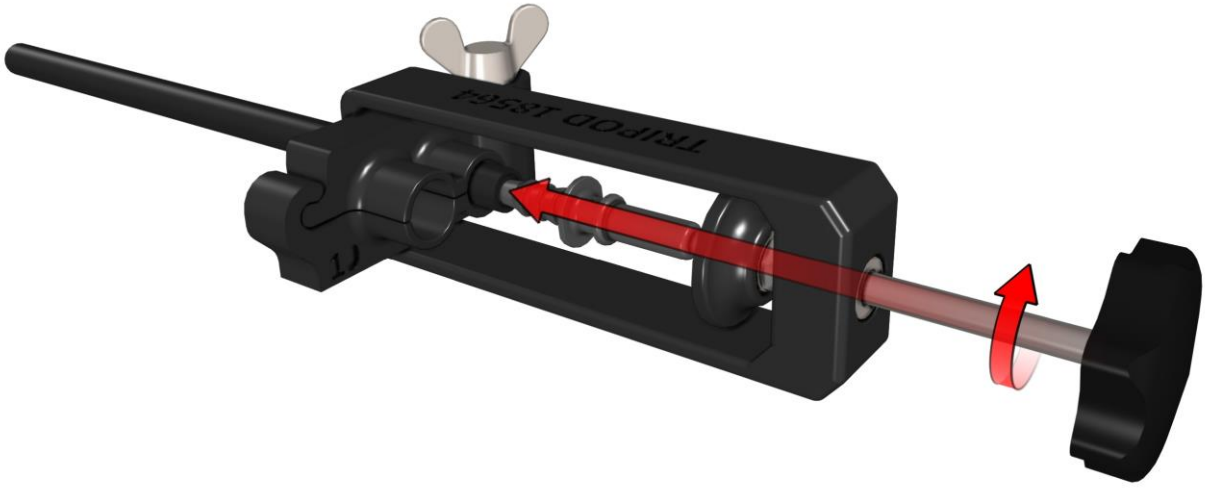
Use the fuel line press to insert the connectors in the line. Insert the fuel or breather line into the hole with the right size.

Fuel lines



Insert the connetor in the opening as shown.

Fuel lines



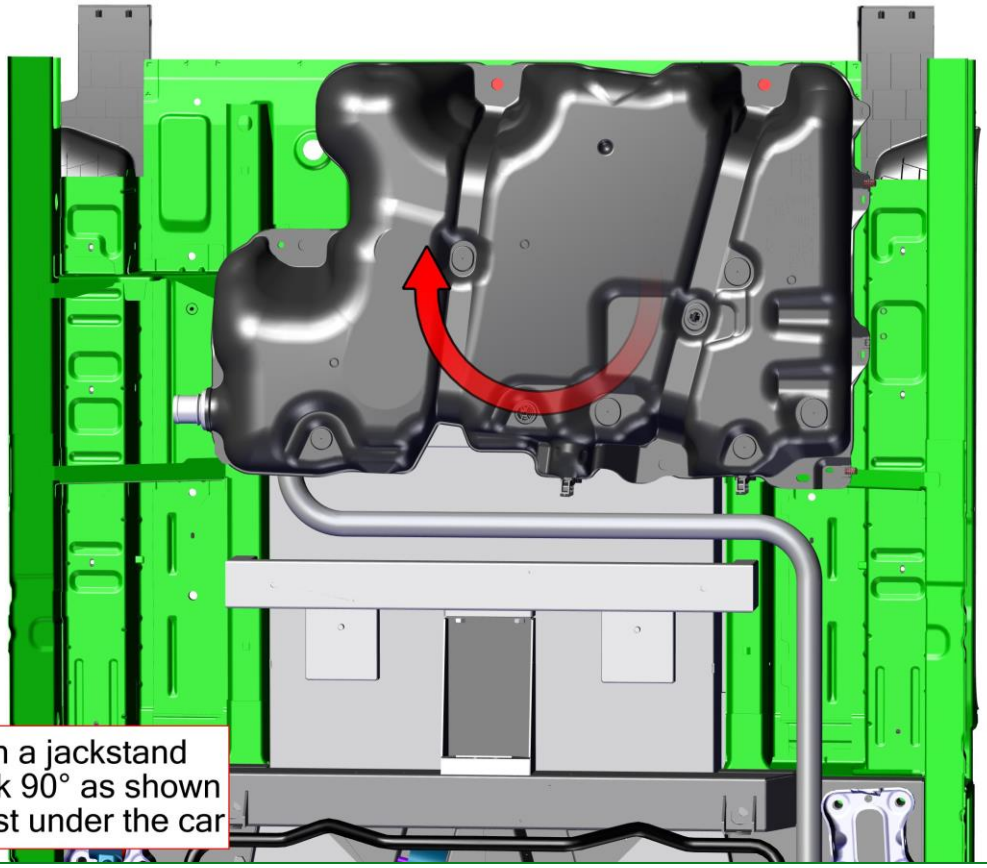
Turn the handle on the fuel line press clockwise to press the connector into the breather line.

Fuel lines

Be sure the fuel line doesn't kink where shown.

While reïnstalling the AdBlue tank, fasten the bolts but not into a full lock.
Before tightening the bolts, rotate the tank to maximum.
After that, tighten the tank to fix it in place.

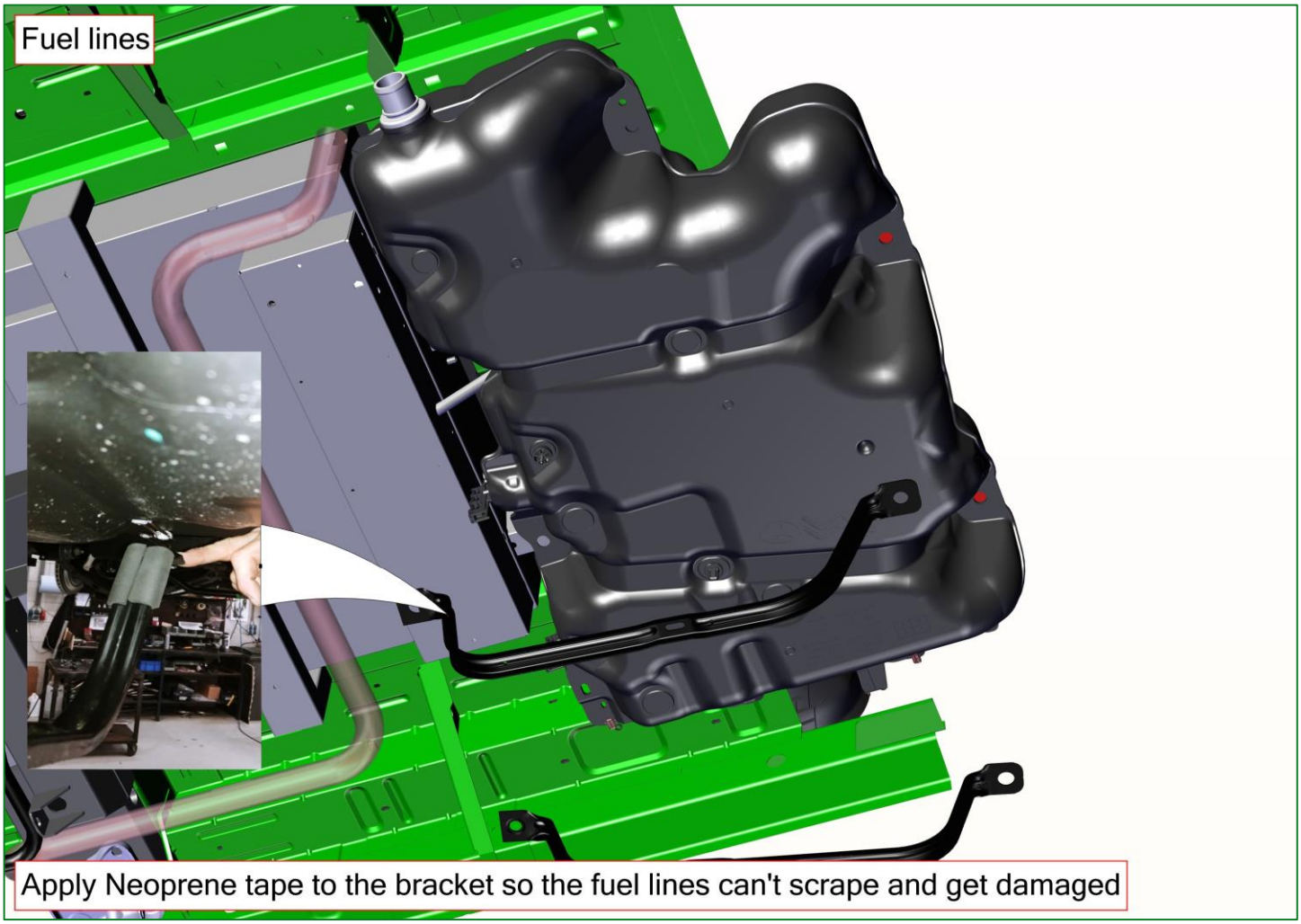
Fuel lines

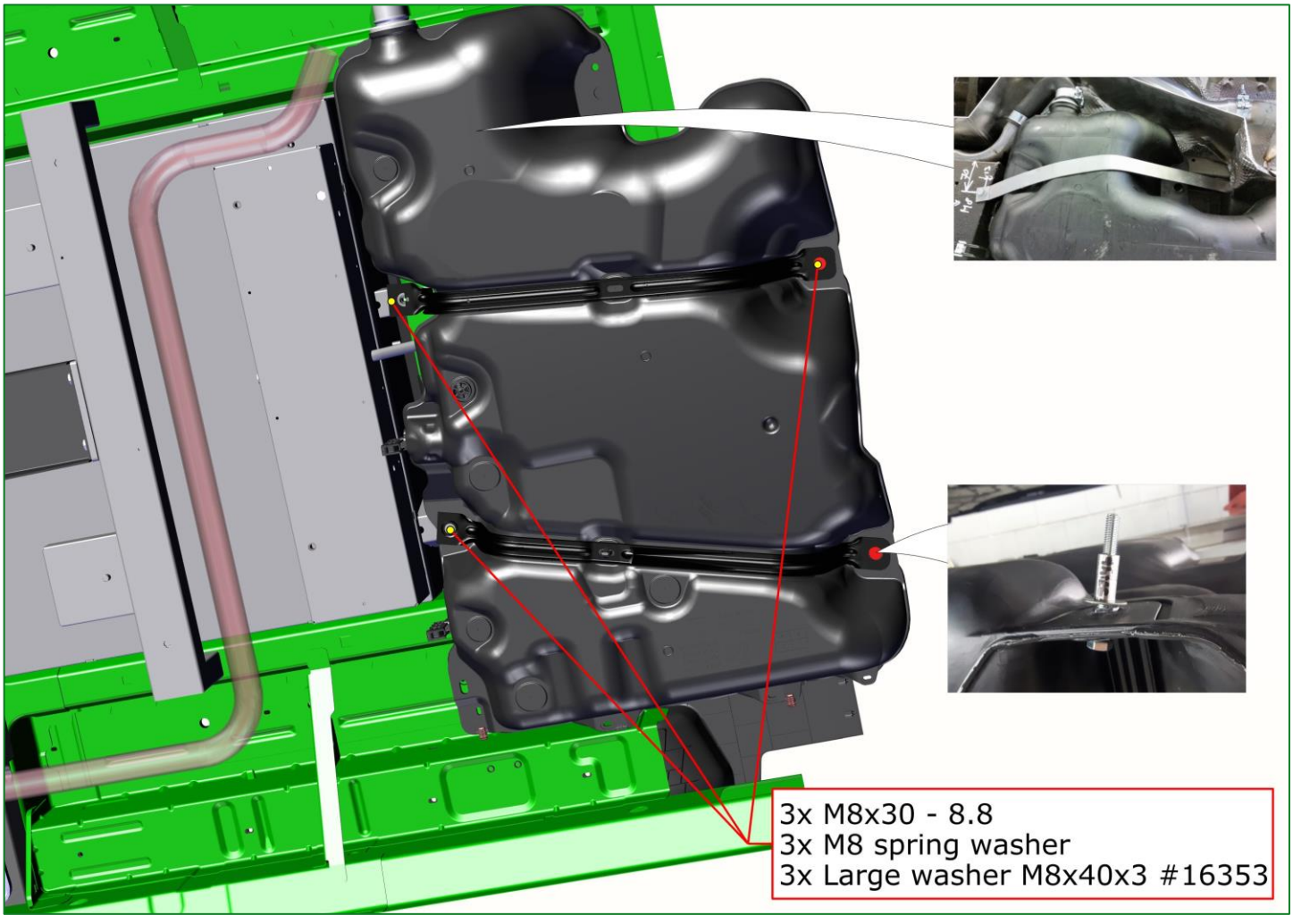


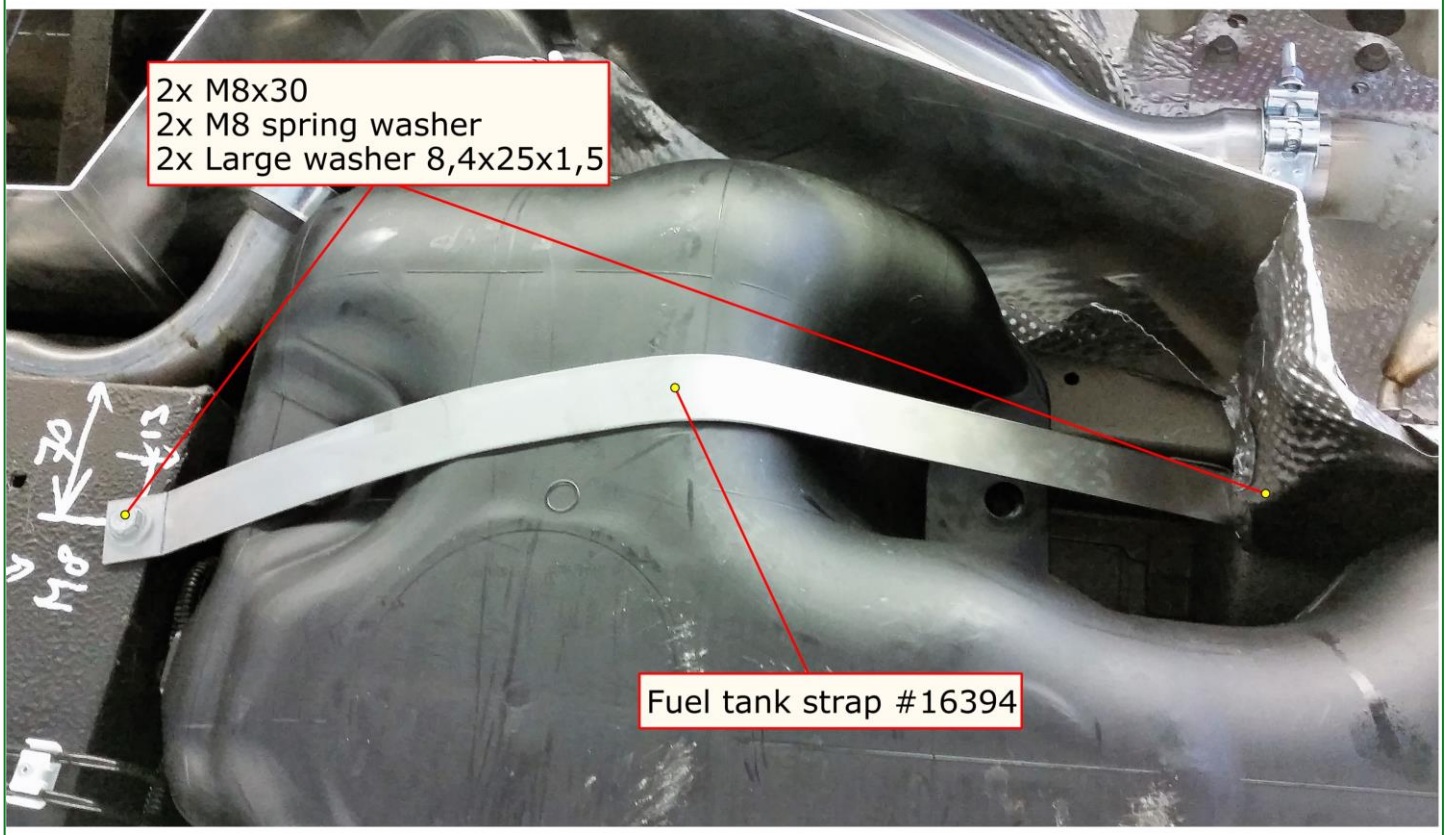
Put the tank on a jackstand
Rotate the tank 90° as shown
Lift the tank just under the car

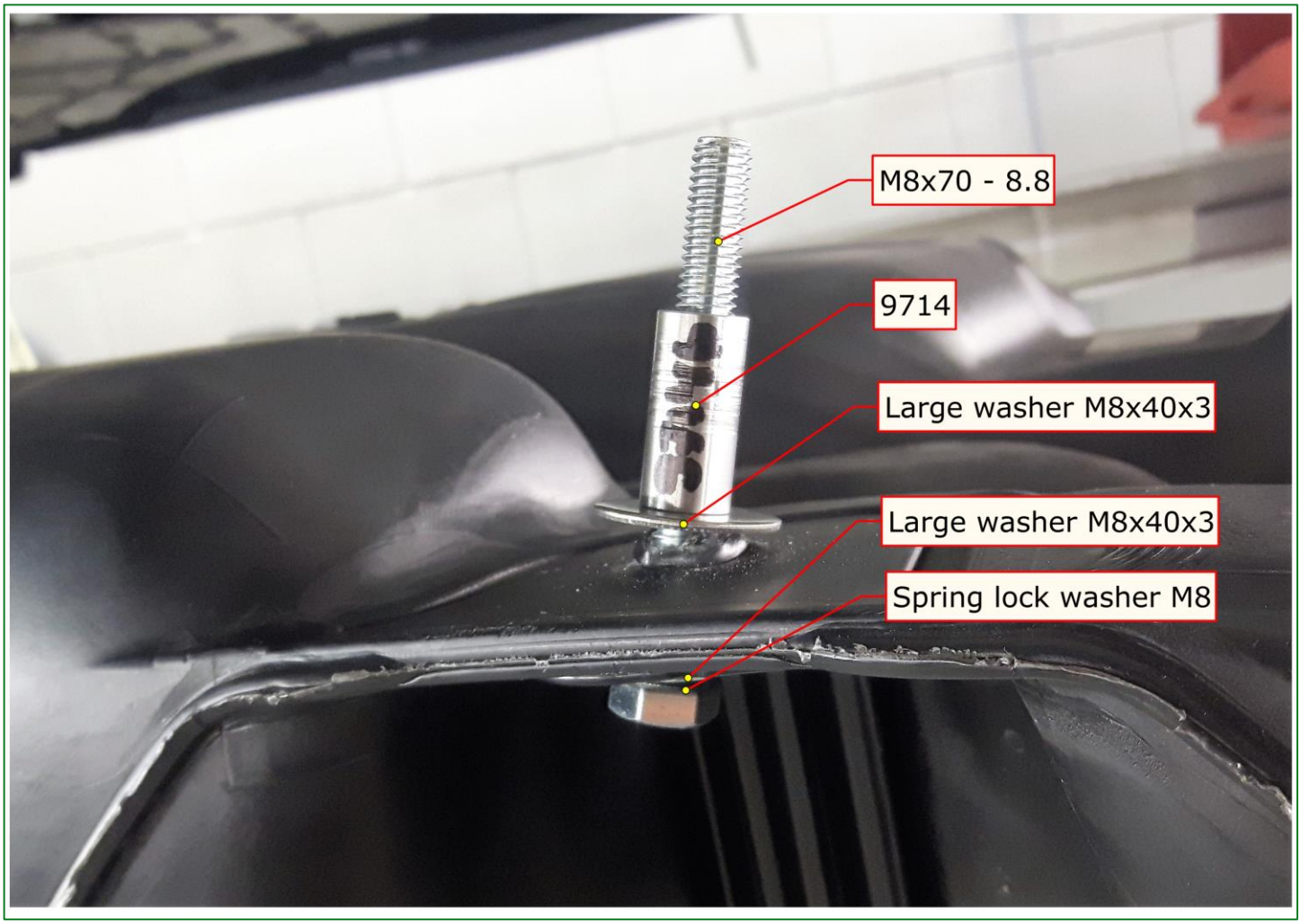
Fuel lines

Before reinstalling the tank, make sure all the cables and fuel/brake lines etc. are properly installed

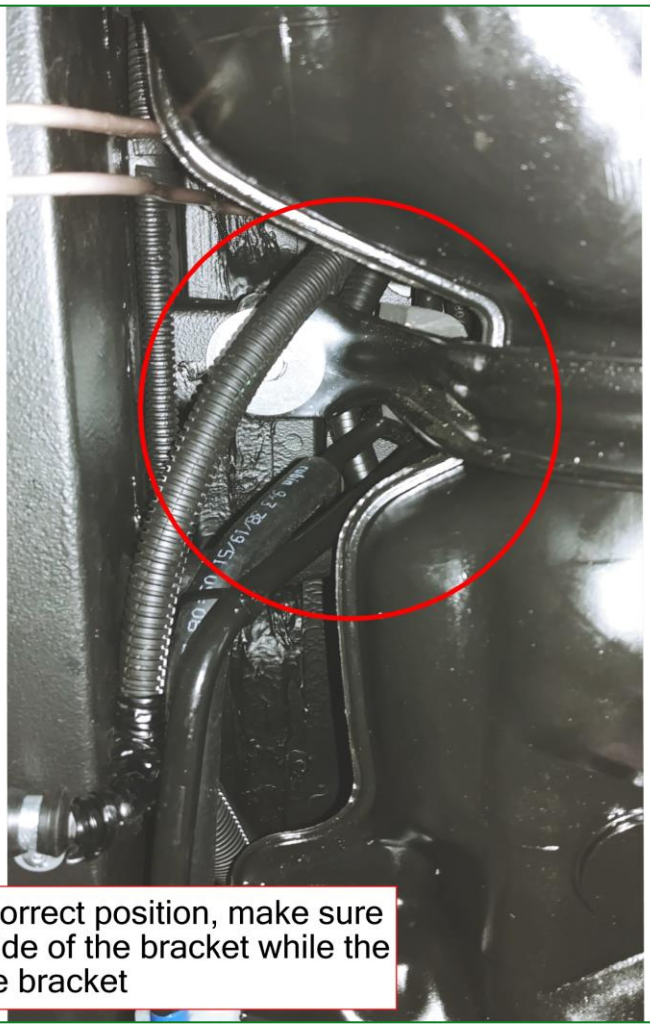

Fuel lines
Apply Neoprene tape to the bracket so the fuel lines can't scrape and get damaged


3x M8x30 - 8.8
3x M8 spring washer
3x Large washer M8x40x3 #16353

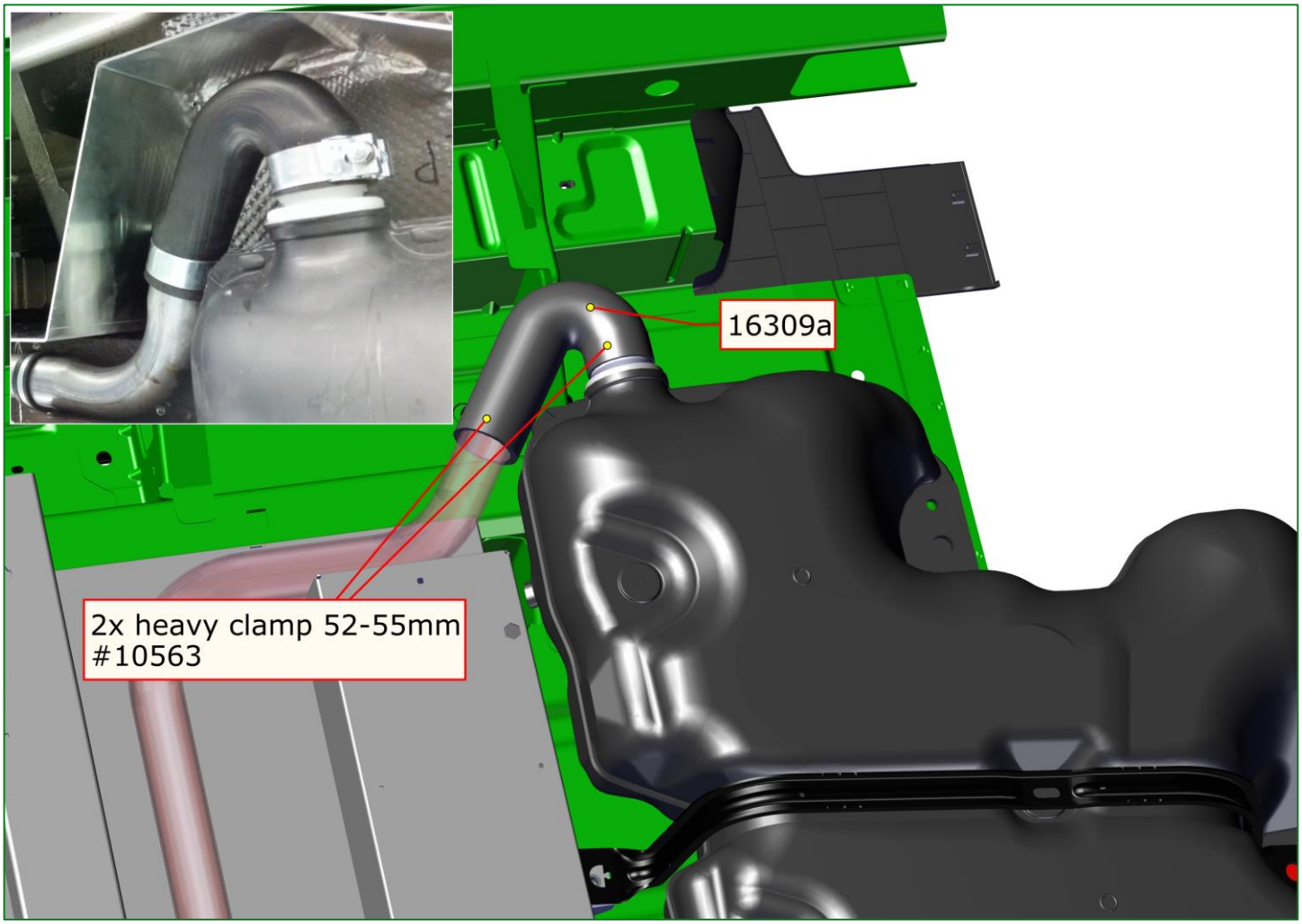

2x M8x30
2x M8 spring washer
2x Large washer 8,4x25x1,5
Fuel tank strap #16394


M8x70 - 8.8
9714
Large washer M8x40x3
Large washer M8x40x3
Spring lock washer M8

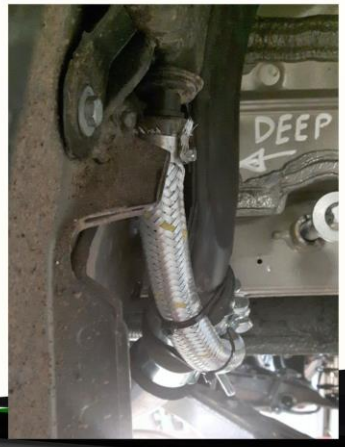
Fuel lines

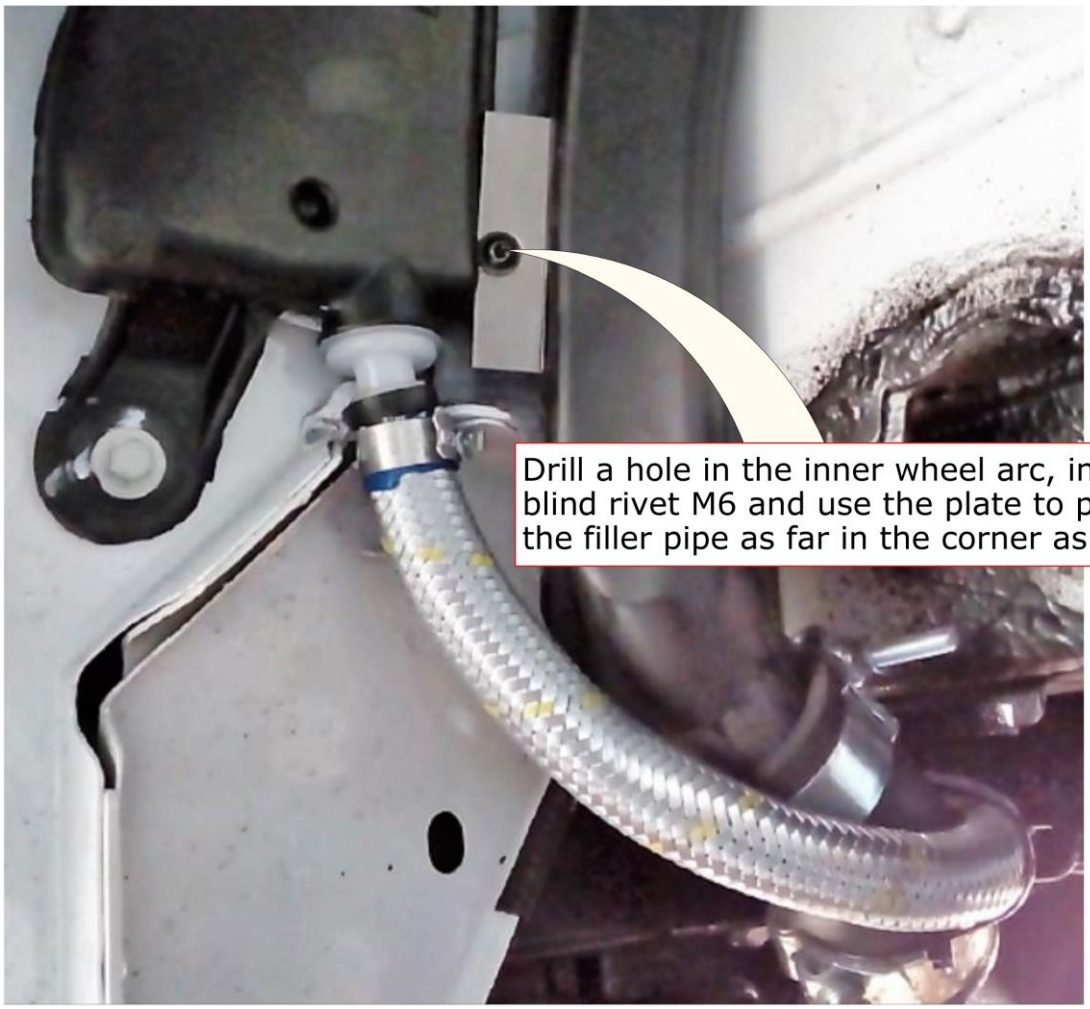


When the tank is in it's correct position, make sure the wire loom goes outside of the bracket while the fuel lines go inside of the bracket



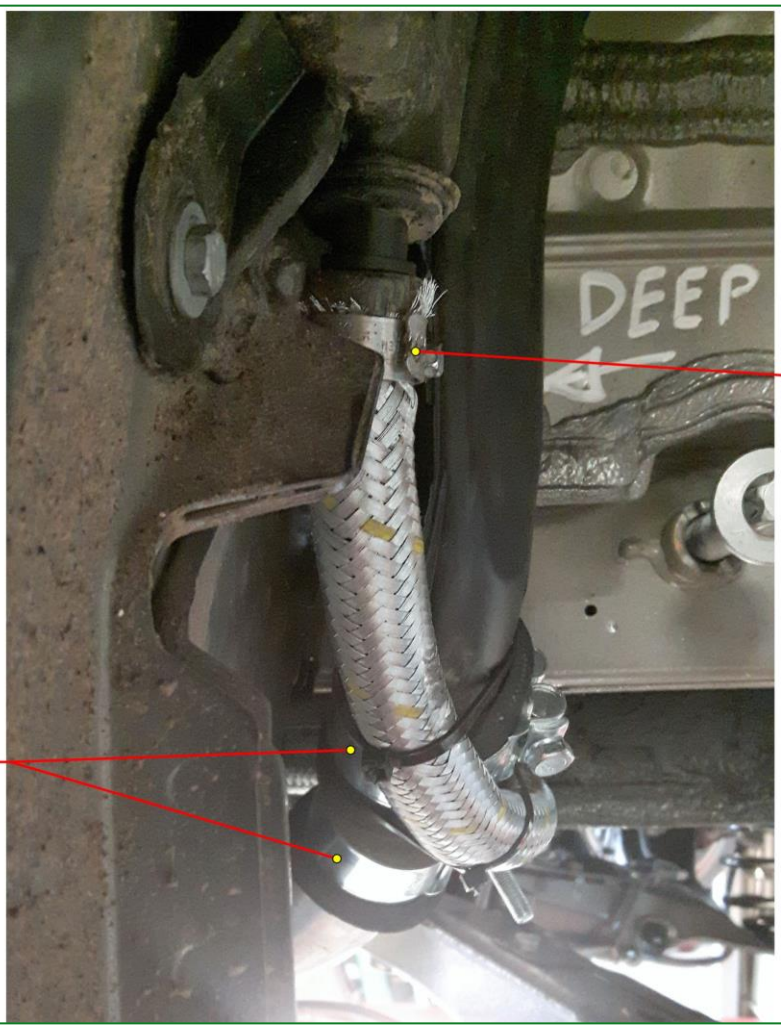
Install original fuel filler pipe



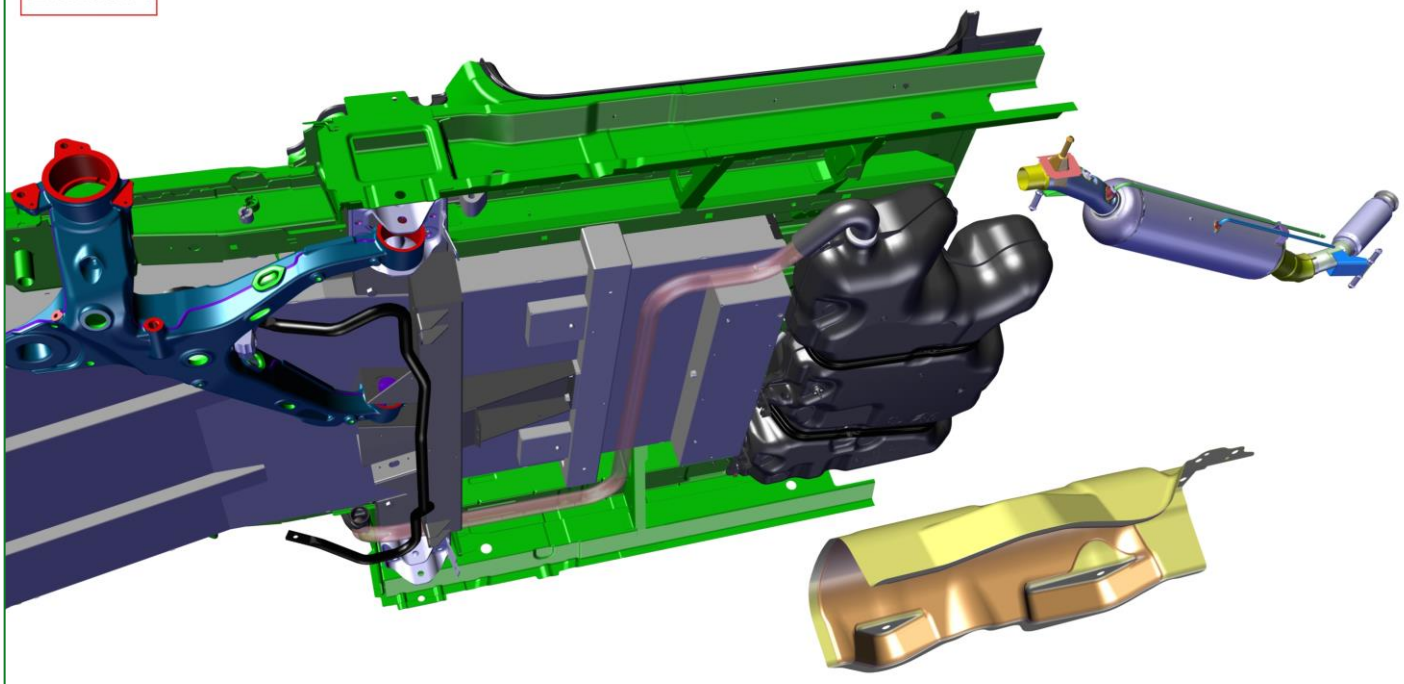


Drill a hole in the inner wheel arc, insert blind rivet M6 and use the plate to pull the filler pipe as far in the corner as possible

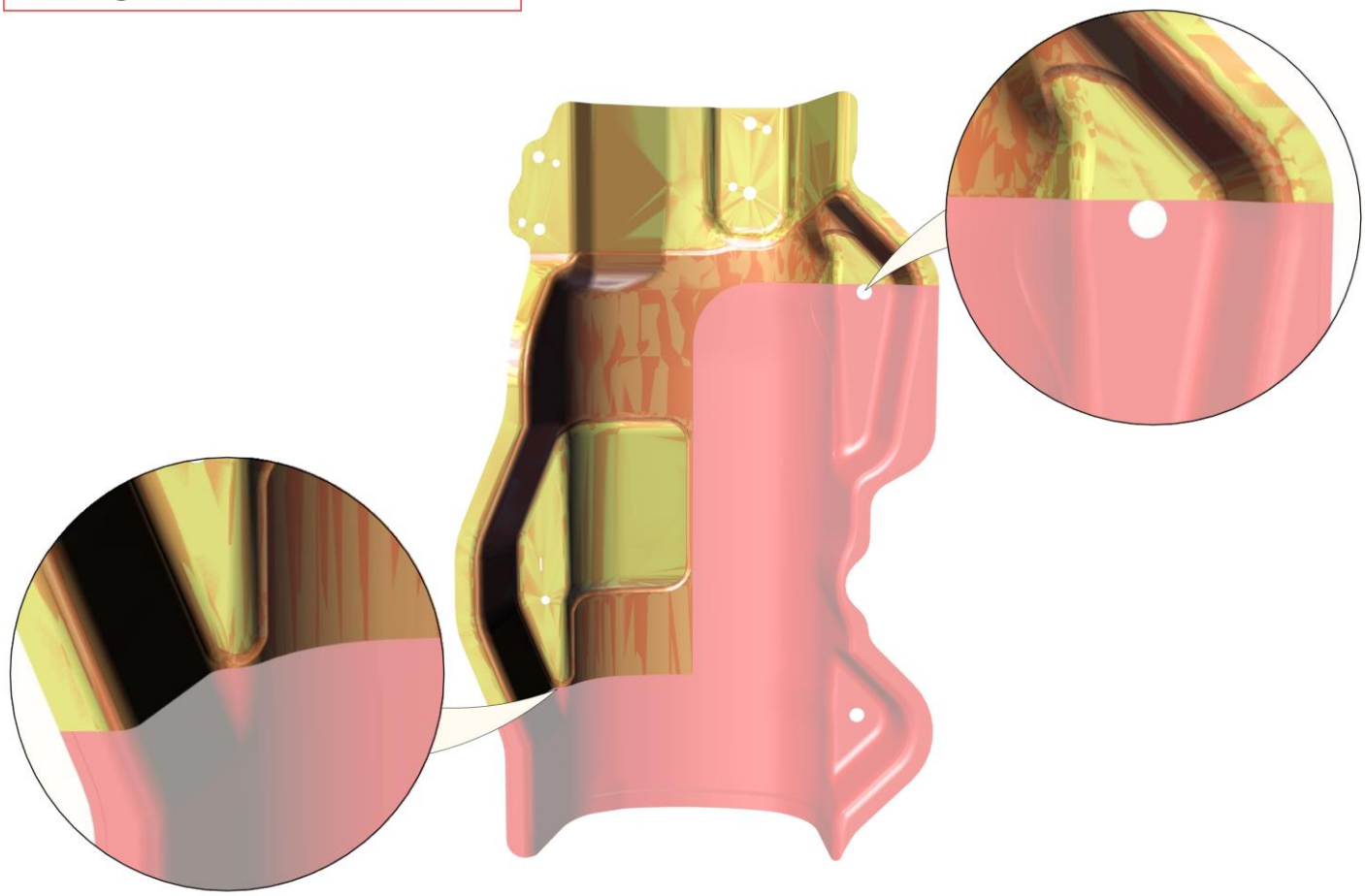
023 Exhaust



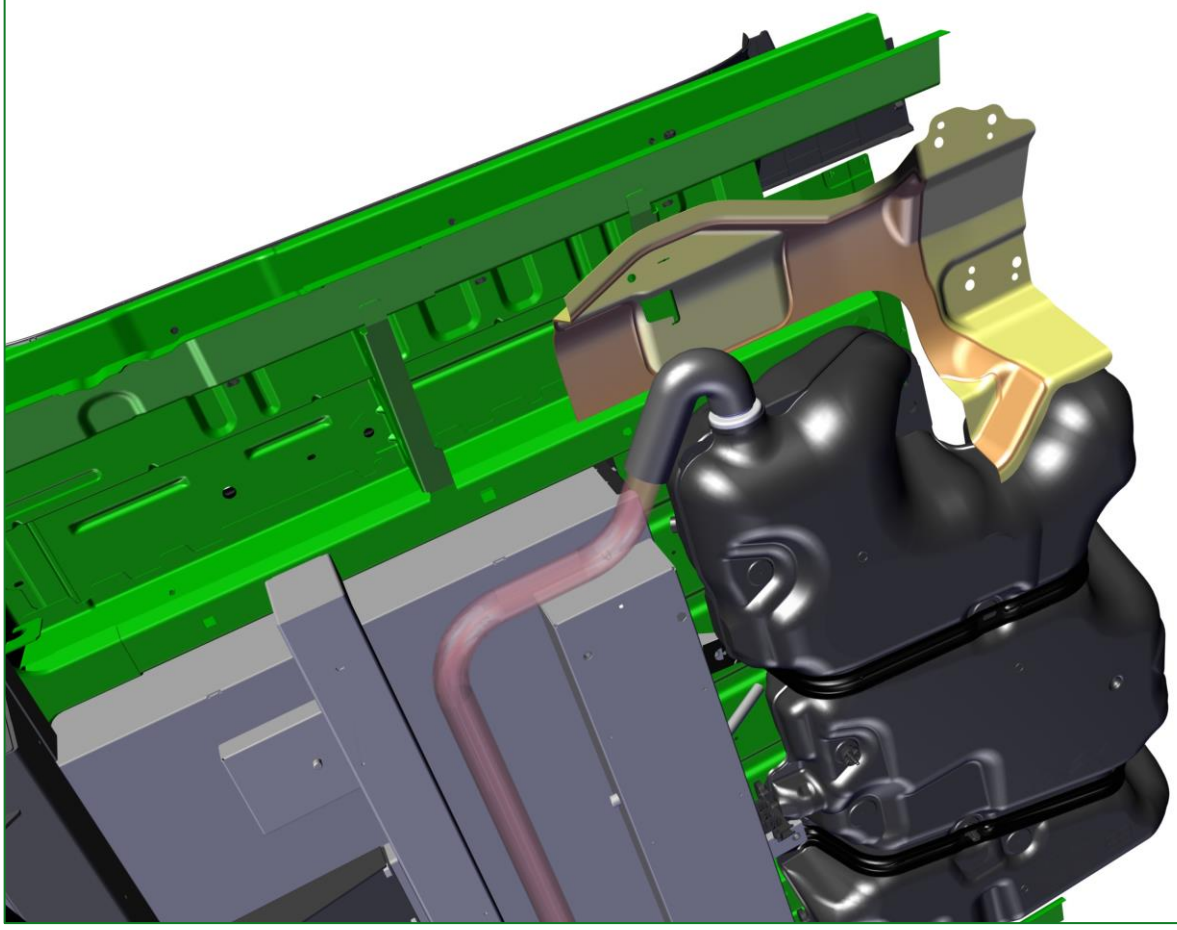
Exhaust

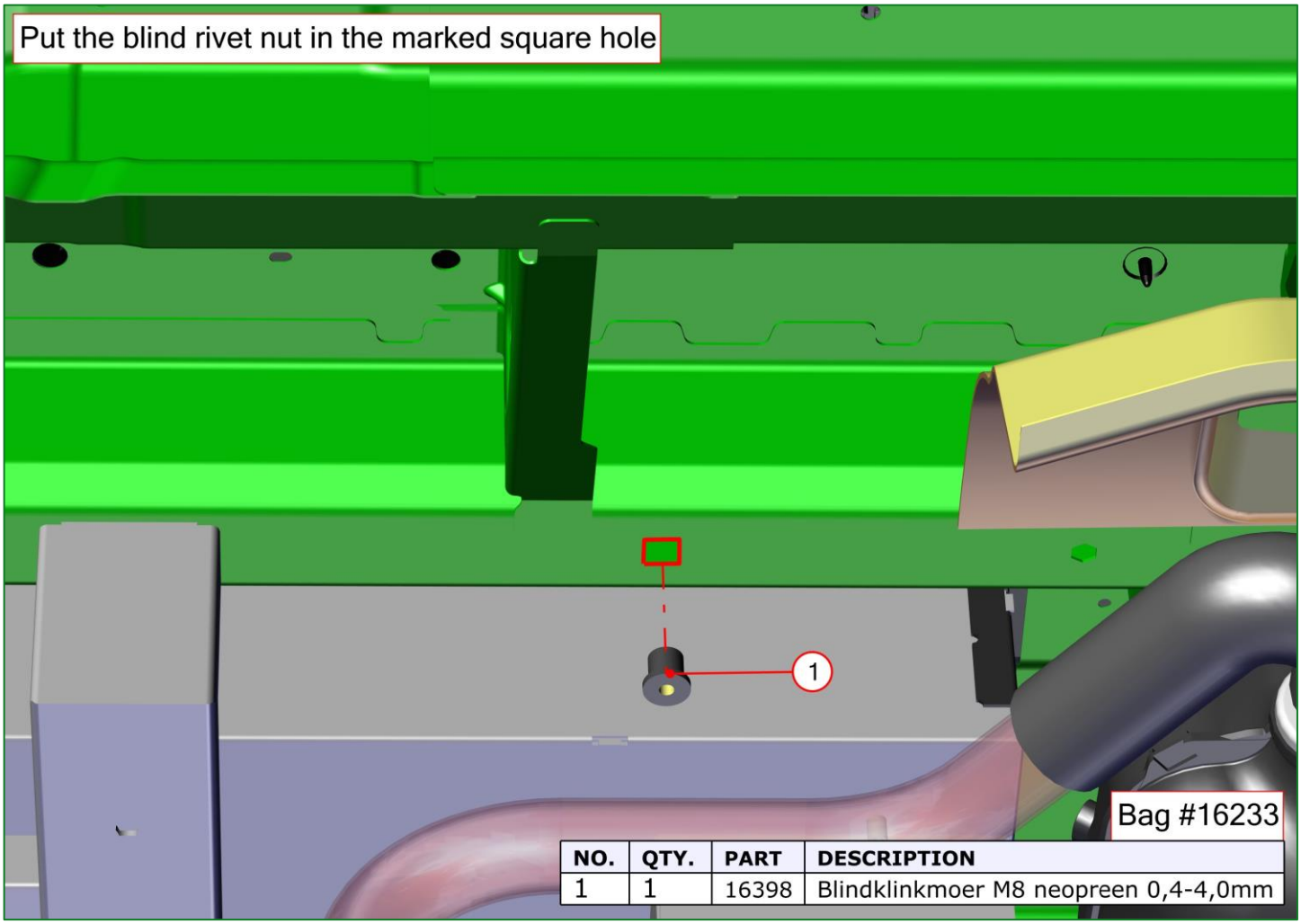


Cut original heat shield as shown

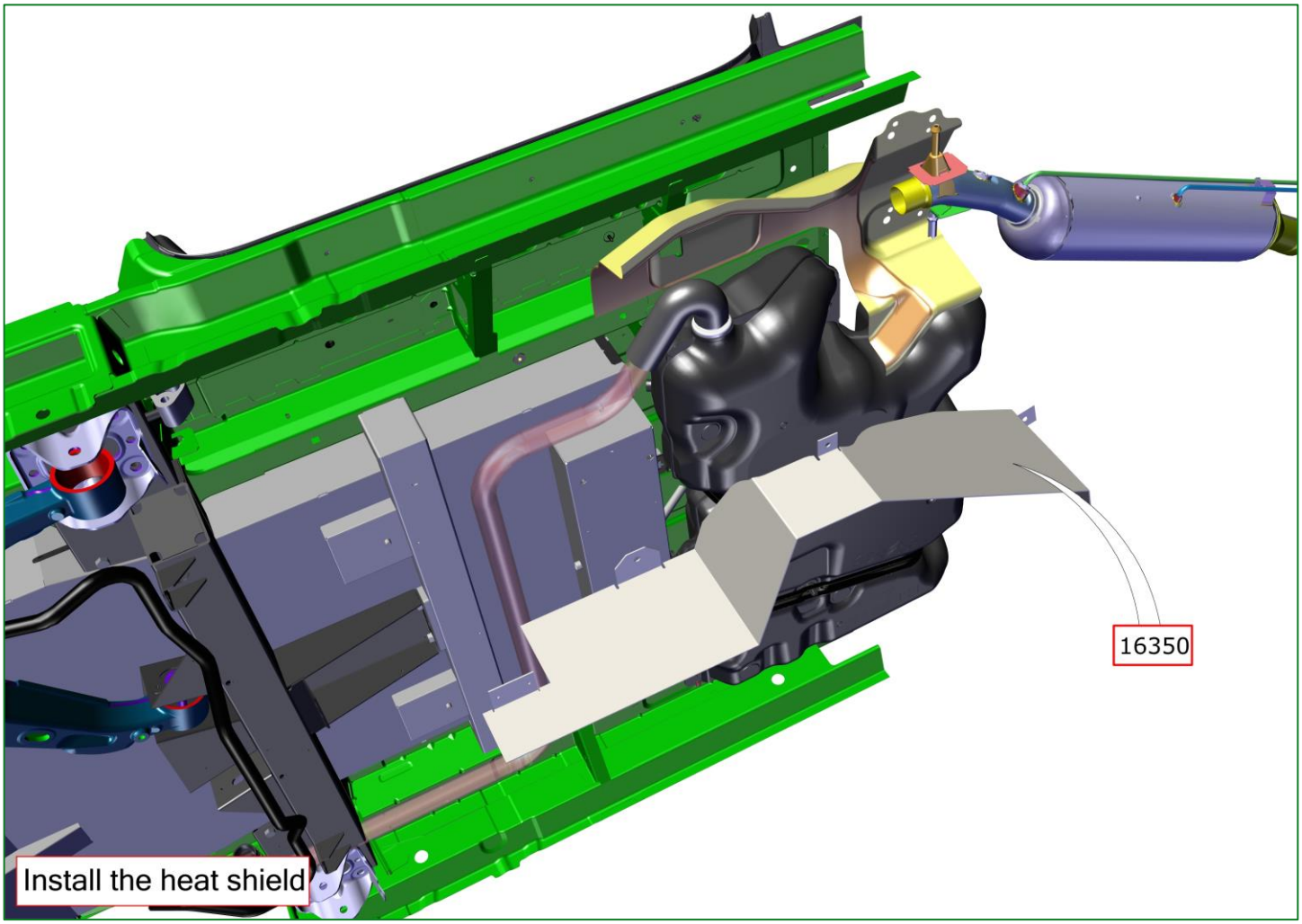


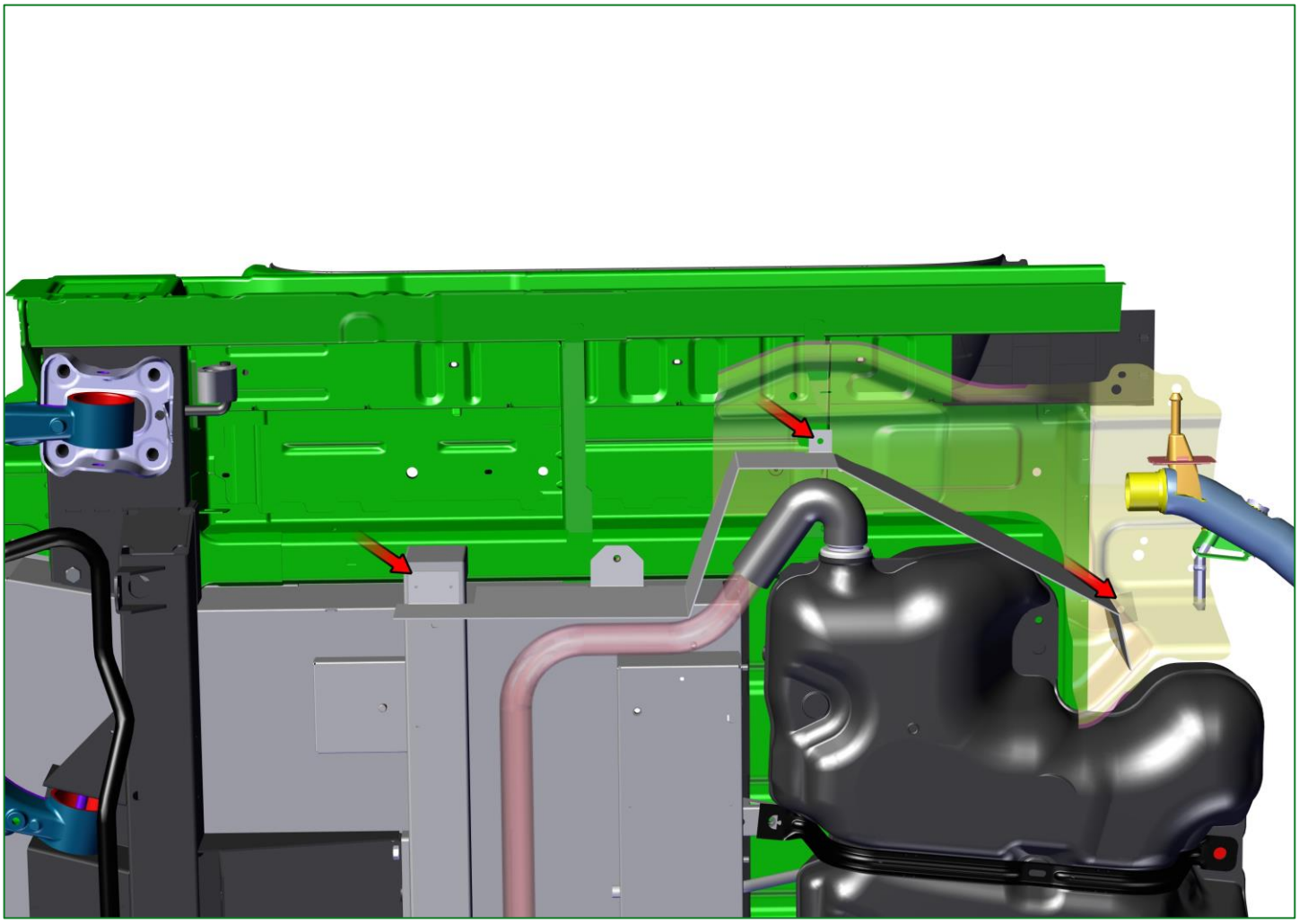
Cut original heat shield as shown

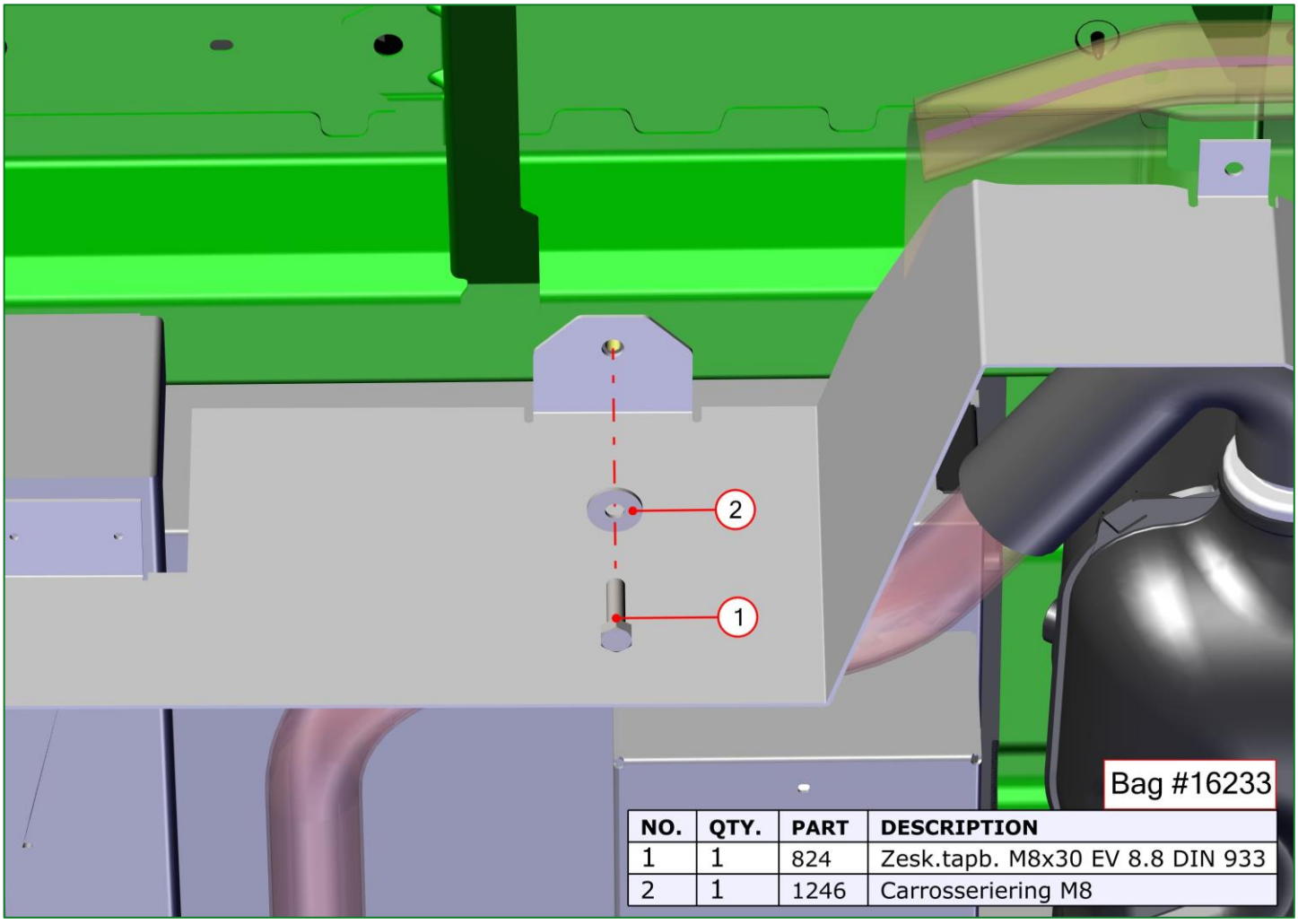




NO.	QTY.	PART	DESCRIPTION
1	1	16398	Blindklinkmoer M8 neopreen 0,4-4,0mm

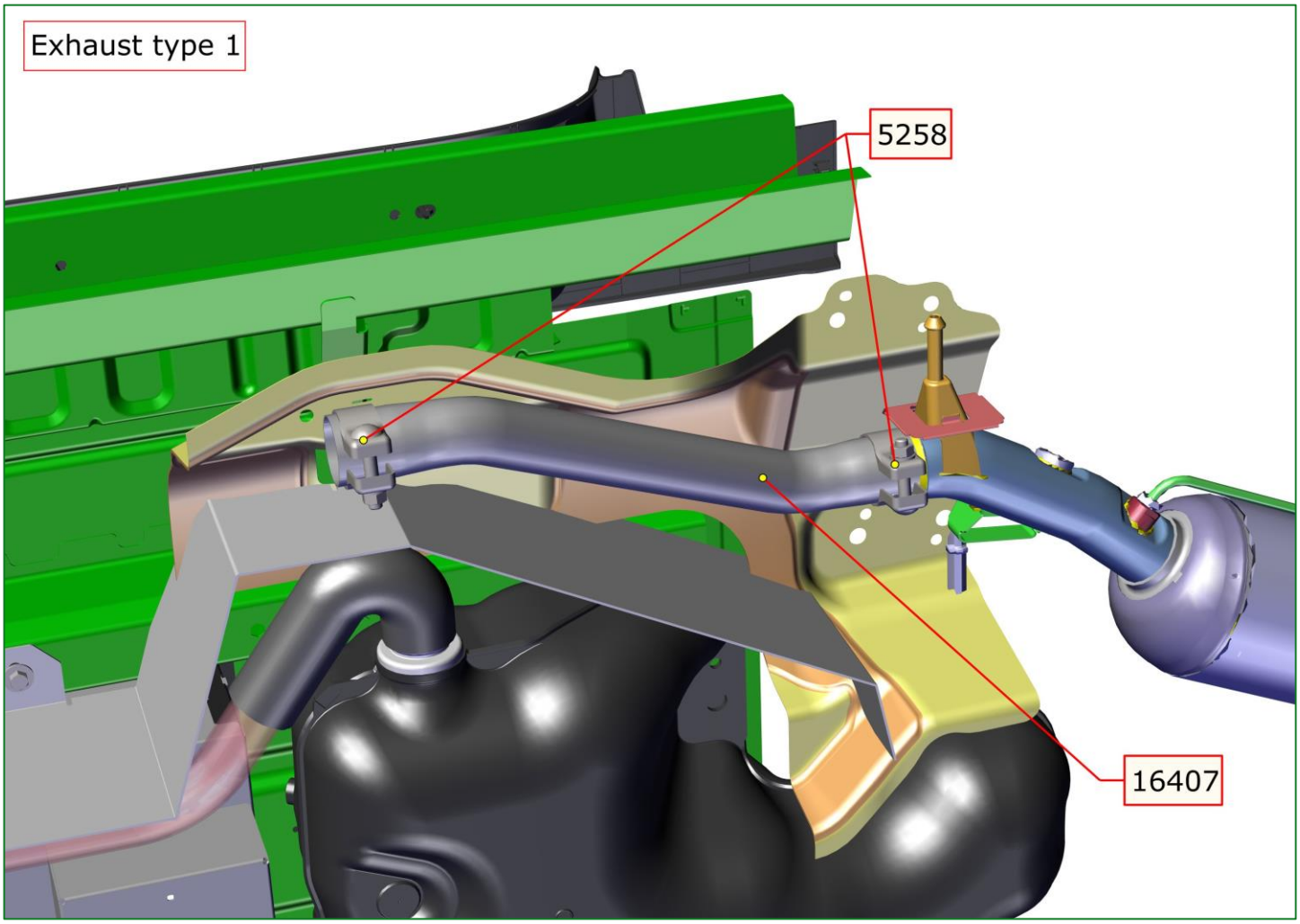




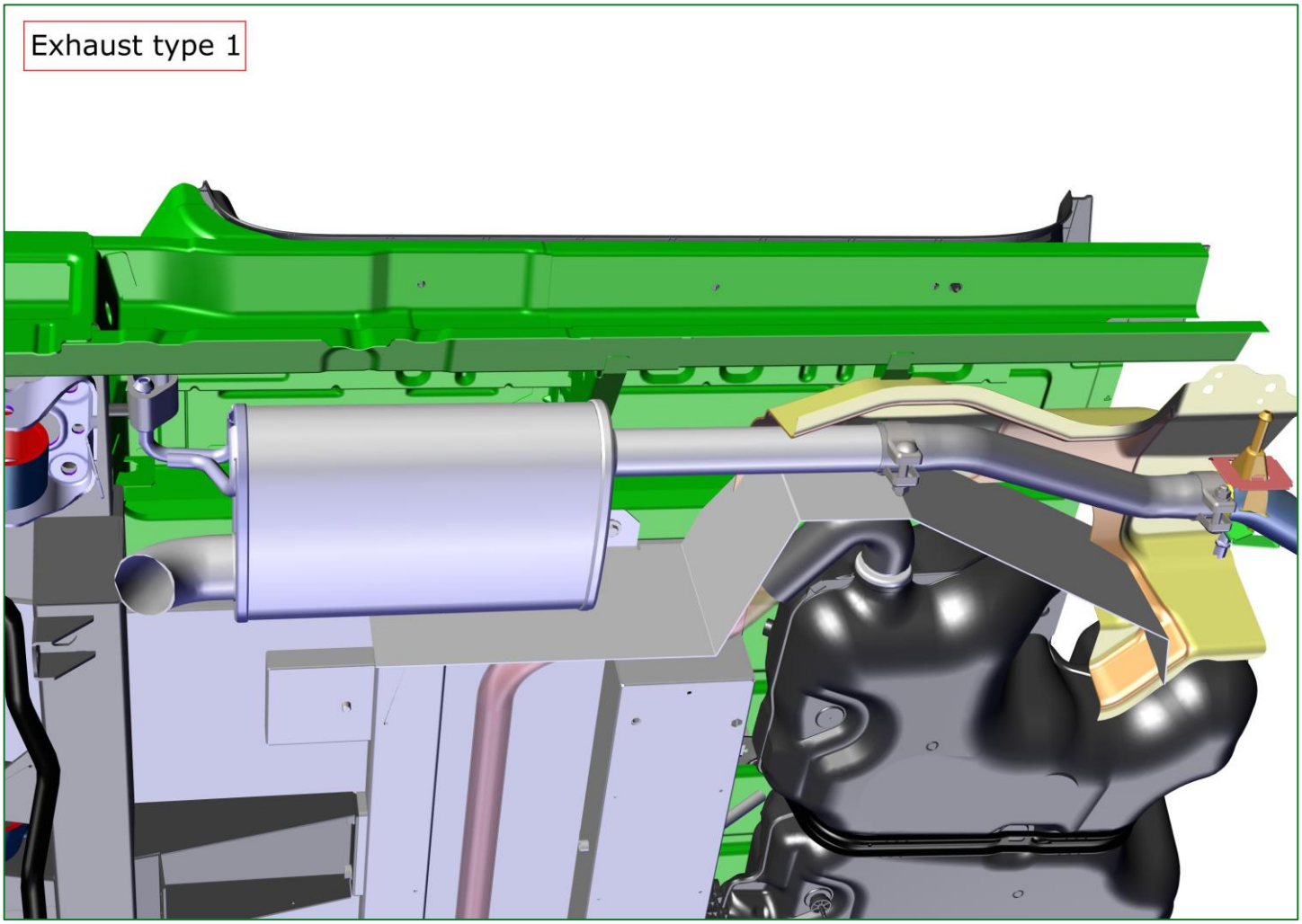


NO.	QTY.	PART	DESCRIPTION
1	1	824	Zesk.tapb. M8x30 EV 8.8 DIN 933
2	1	1246	Carrosseriering M8

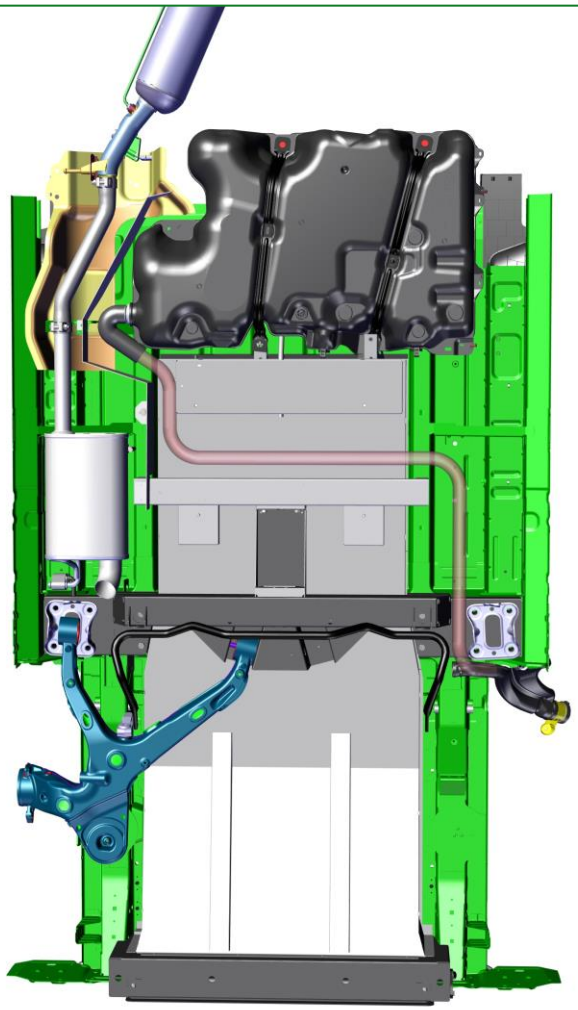
Exhaust type 1



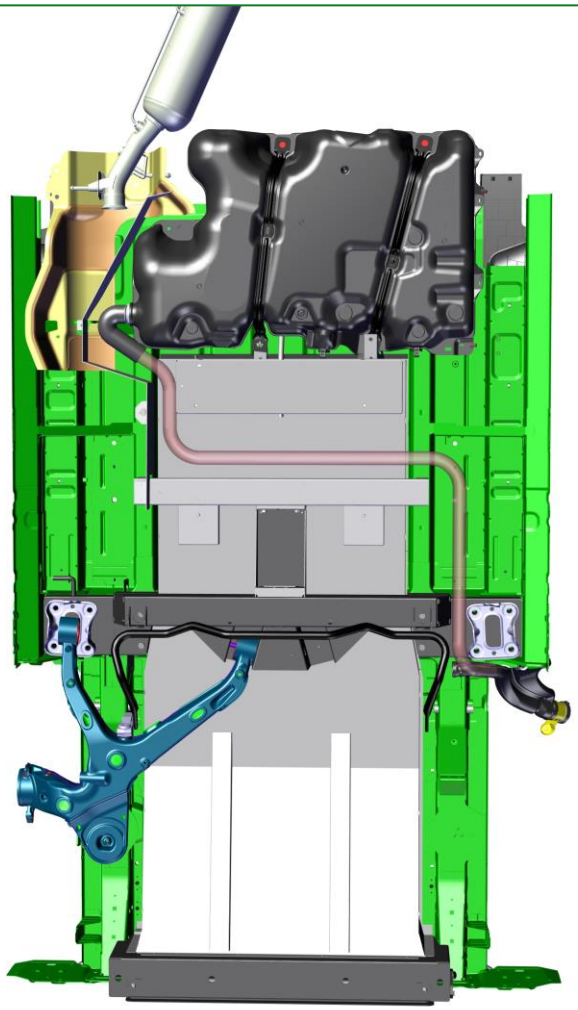
Exhaust type 1



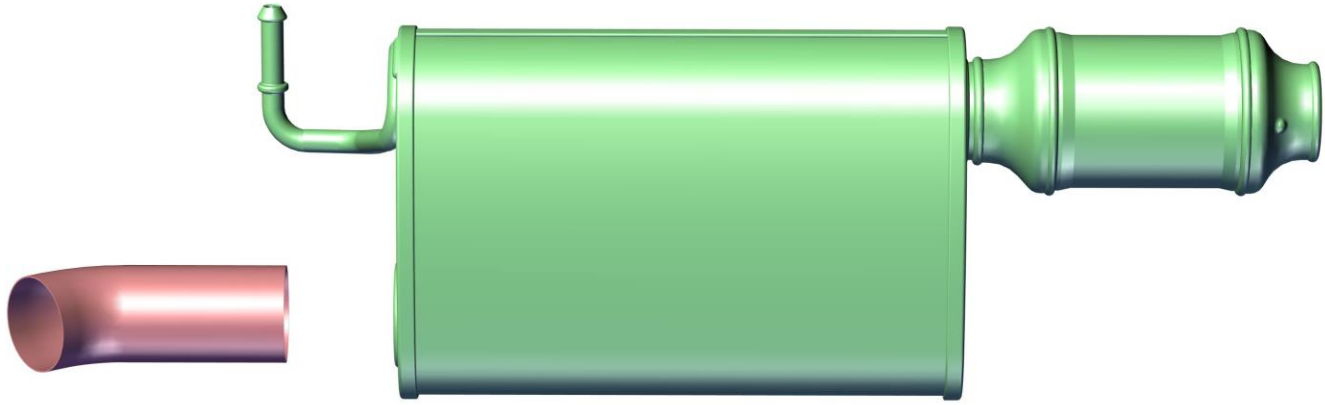
Exhaust type 1



Exhaust type 2

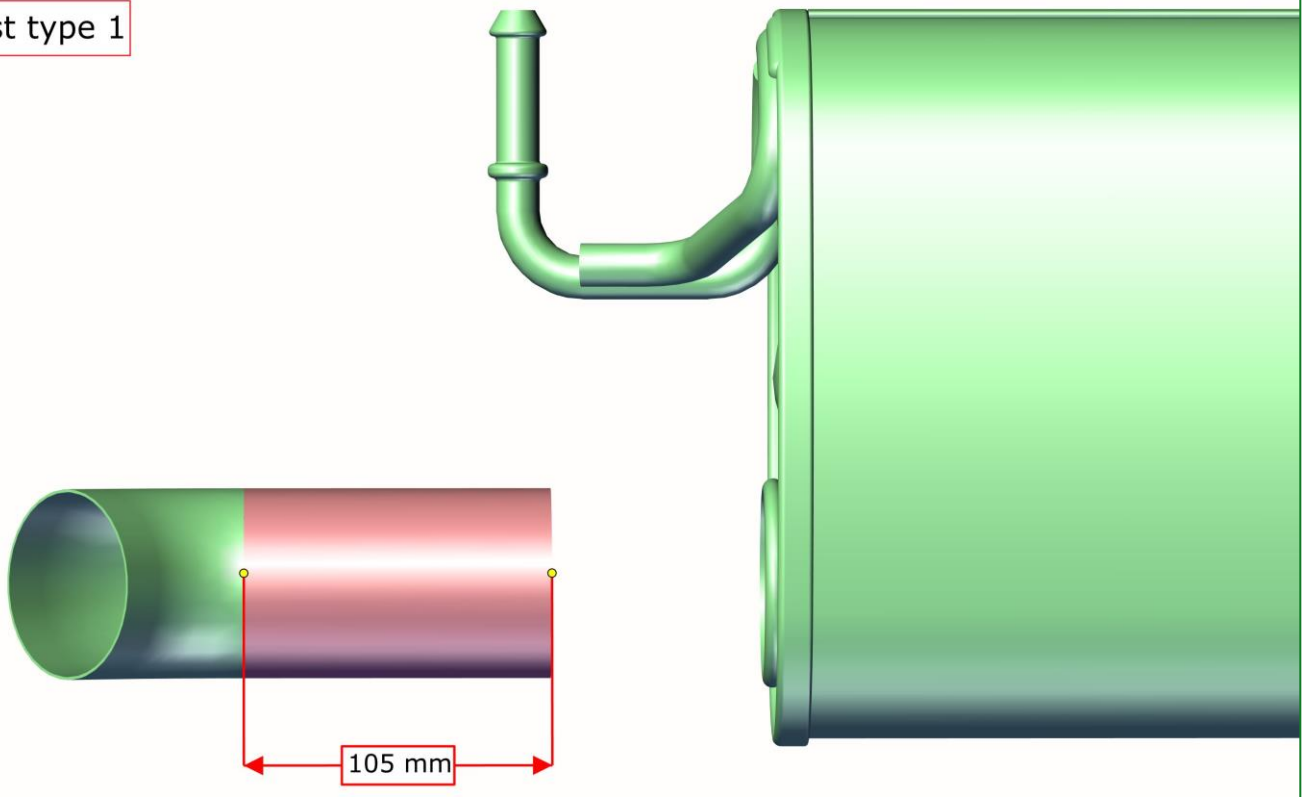


Exhaust type 1



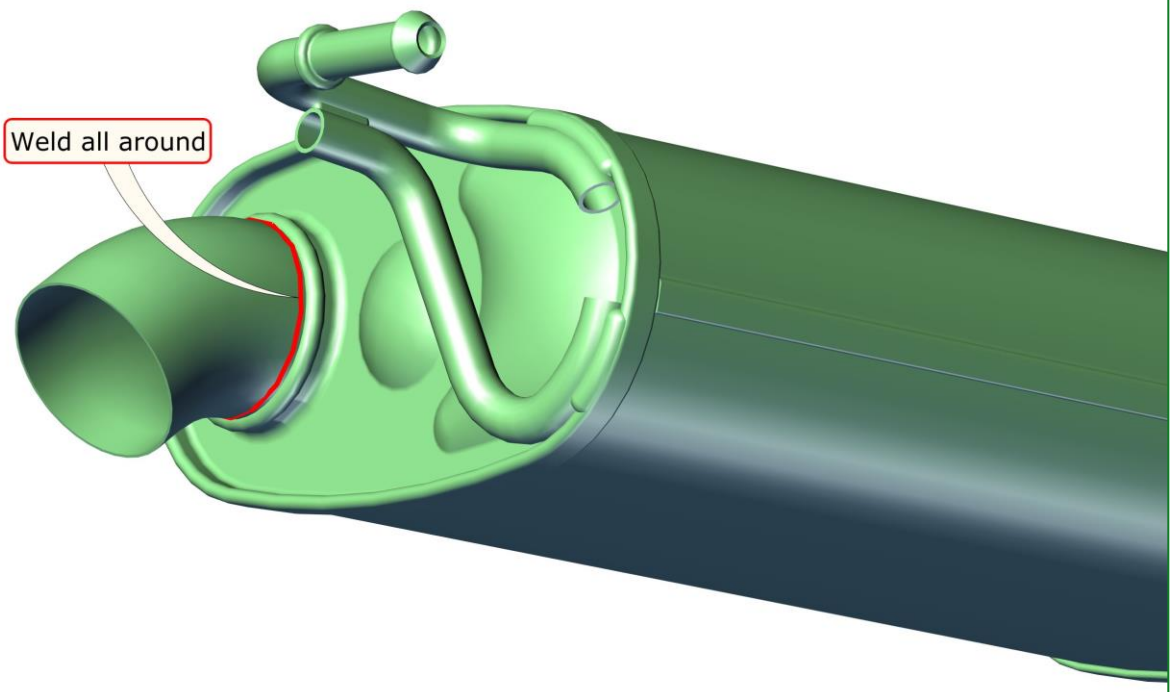
Cut off the end piece before the welds as shown

Exhaust type 1



Cut off 105 mm from the end piece as shown, then weld it back on the muffler

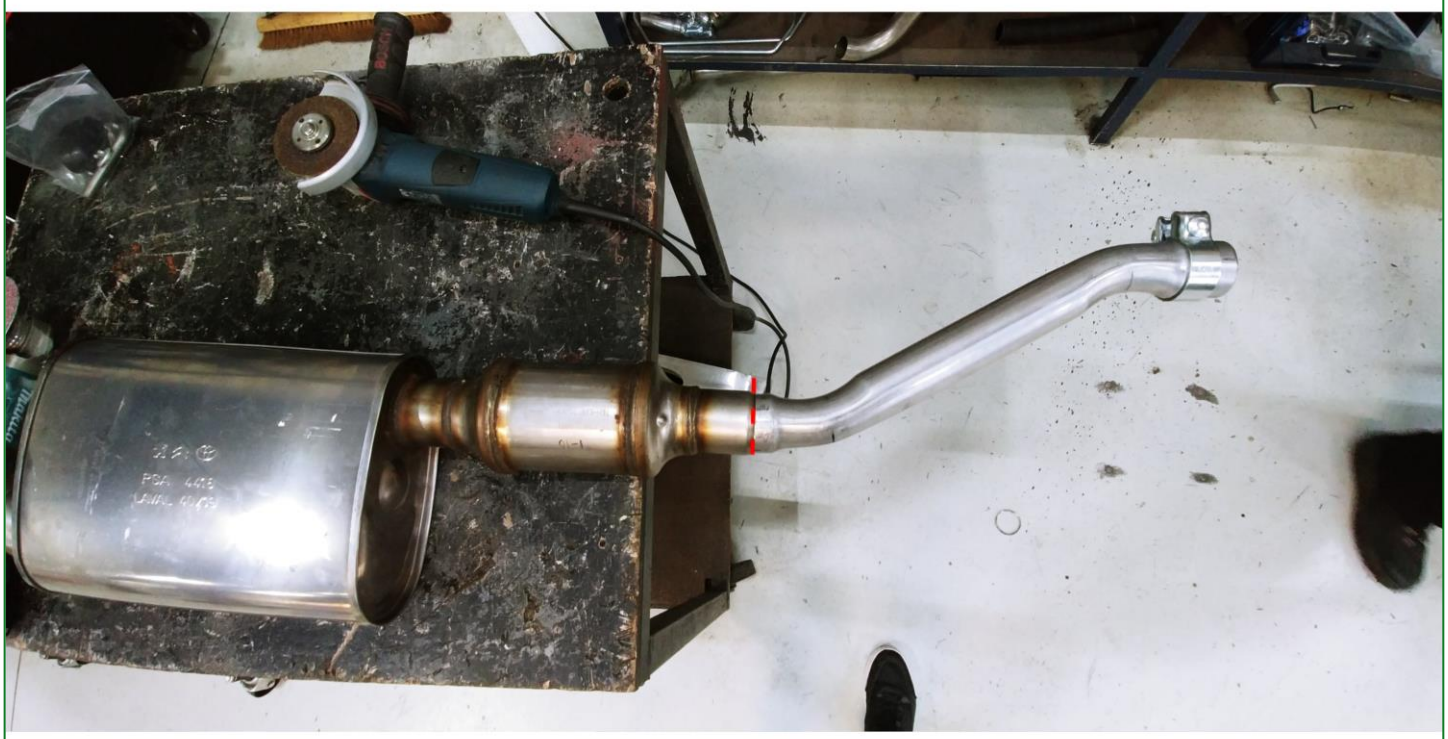
Exhaust type 1



Cut off 105 mm from the end piece as shown,
then weld it back on the muffler

Cut the stock exhaust on the marked spot
Just before the pipe widens

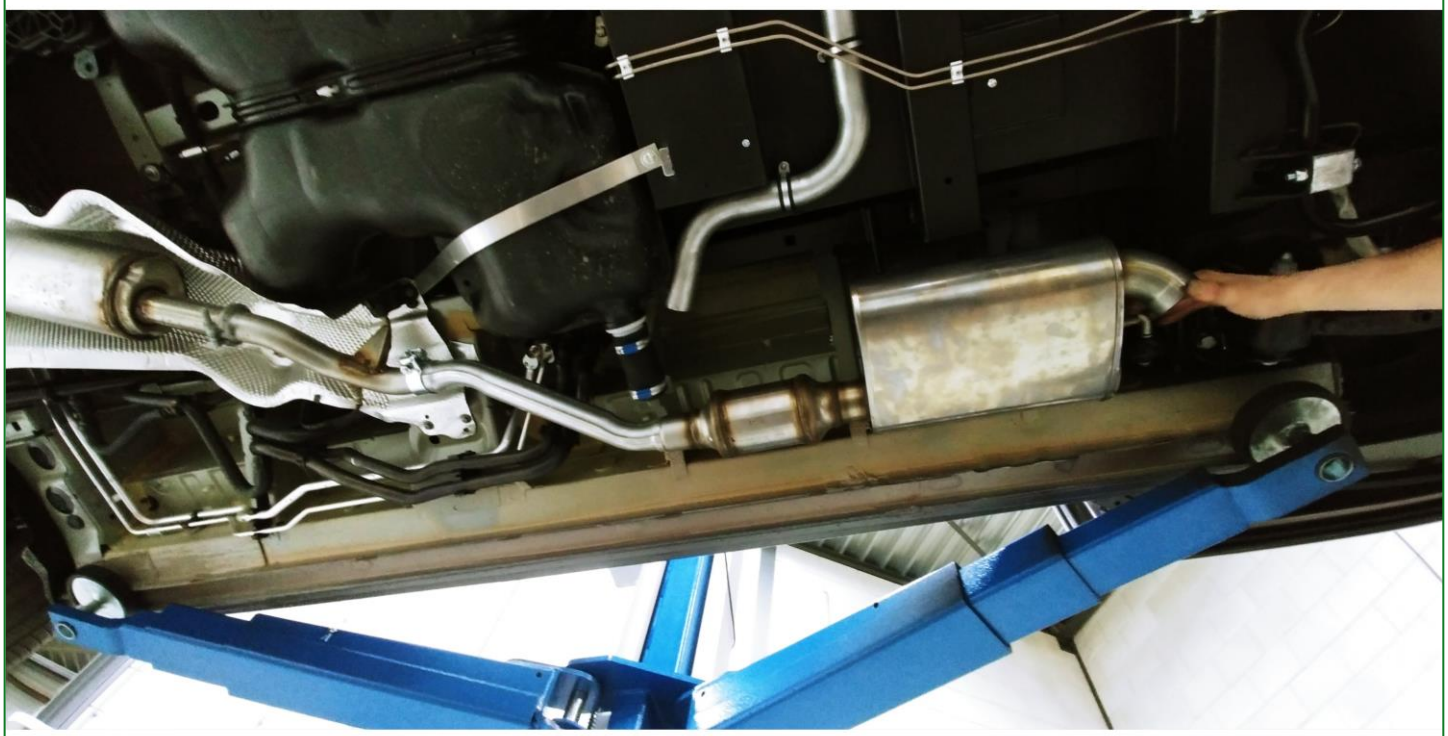
Grind off the edge of the original exhaust so the new pipe slides inside



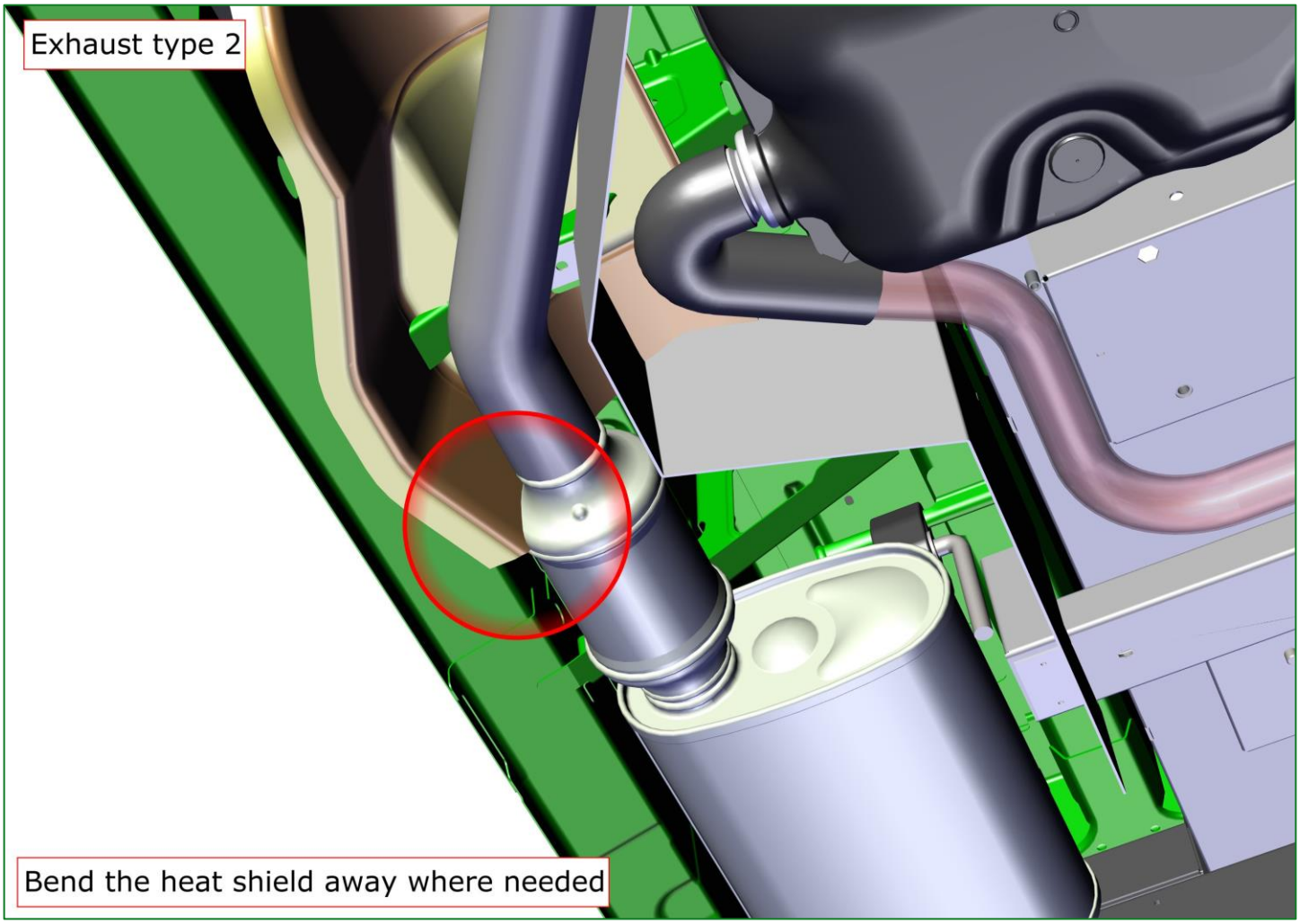
Weld the exhaust parts together along the red line

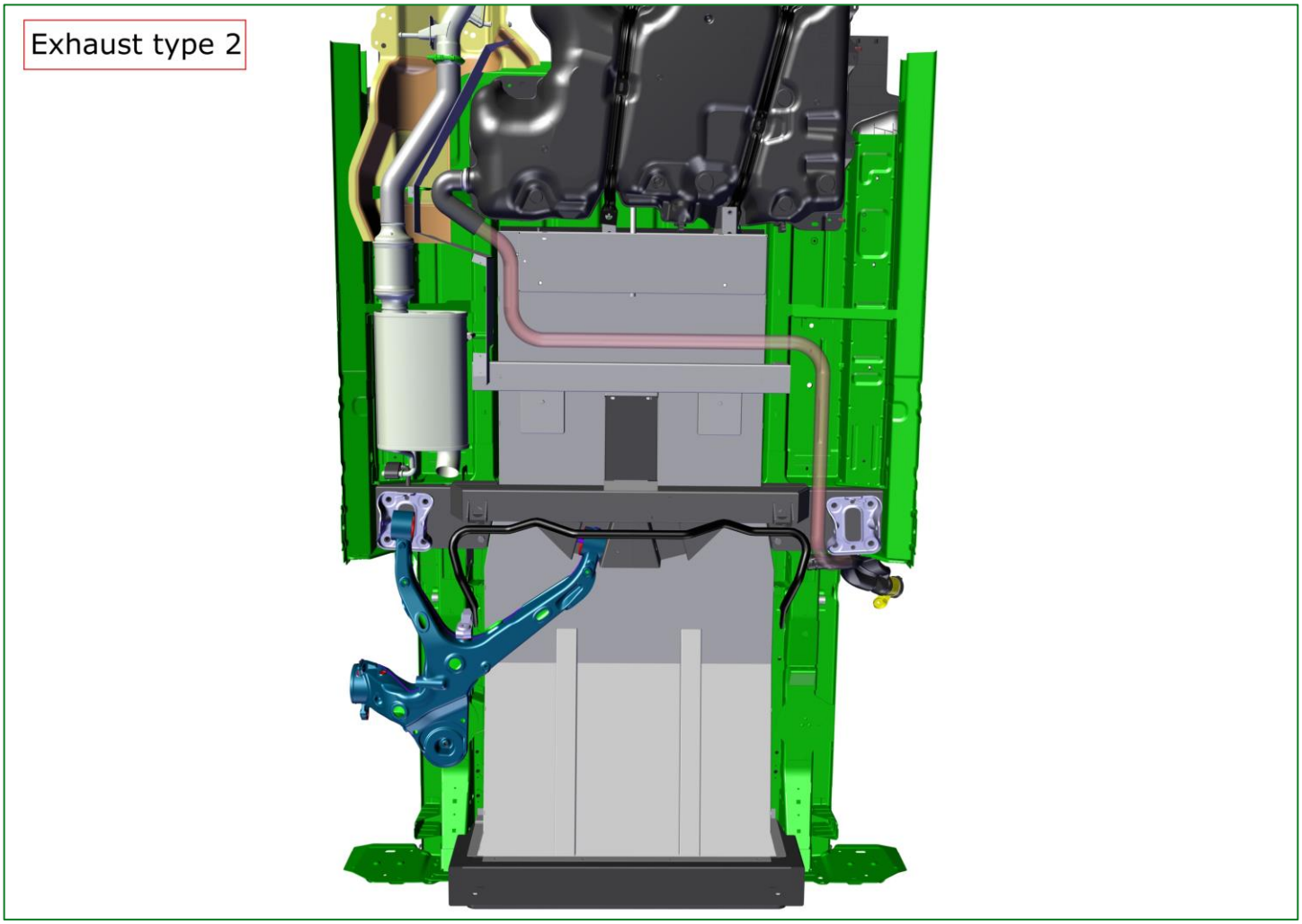
When installing the exhaust, first mount the exhaust rubber
Use starlock washers to ensure the rubber stays in place

Slide the new exhaust pipe over the original exhaust pipe
and lock it with an exhaust clamb

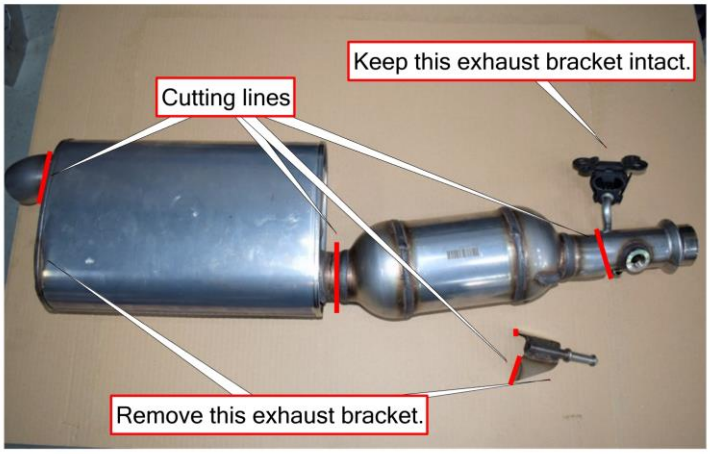


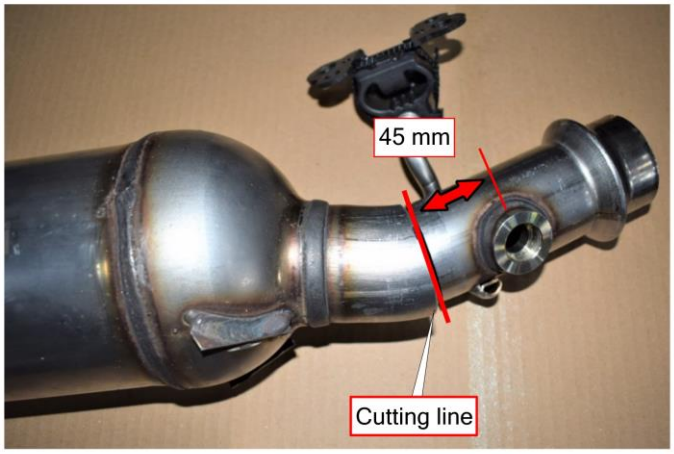
Once the full exhaust is on
It should look like this


Exhaust type 2
Bend the heat shield away where needed


Exhaust type 2

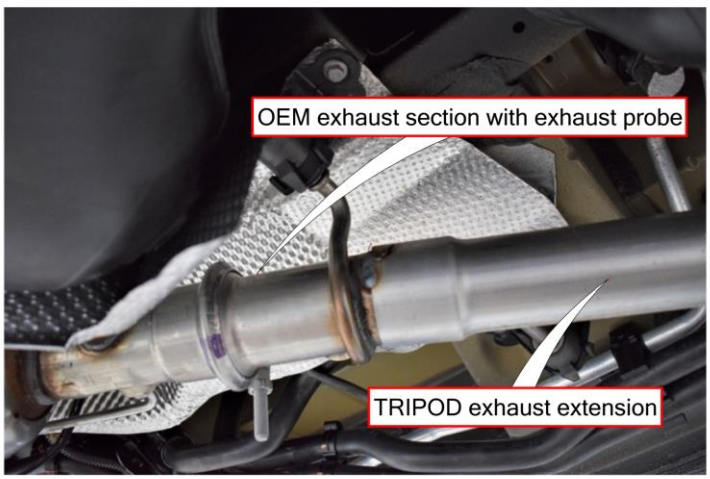
Euro 6.3 exhaust

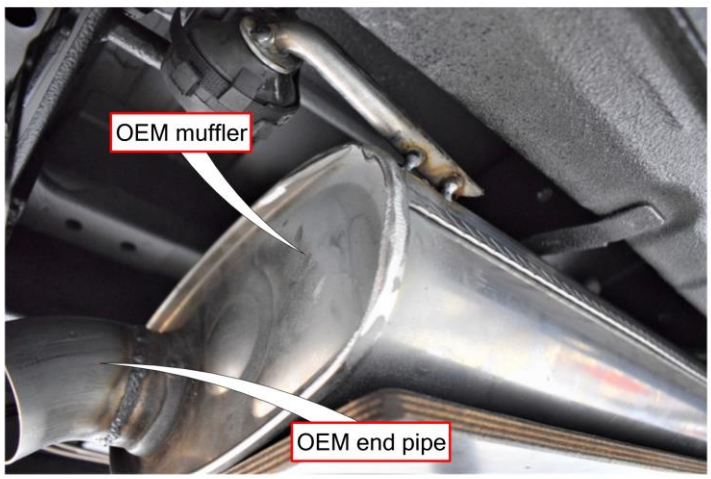




Adjust the OEM exhaust as shown in the pictures.
Remove the two OEM exhaust brackets (the exhaust bracket on the silencer in the picture is already removed.

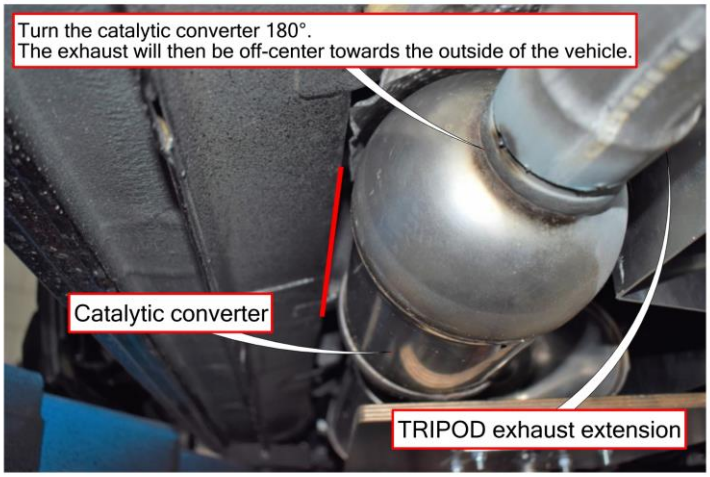
Euro 6.3 exhaust





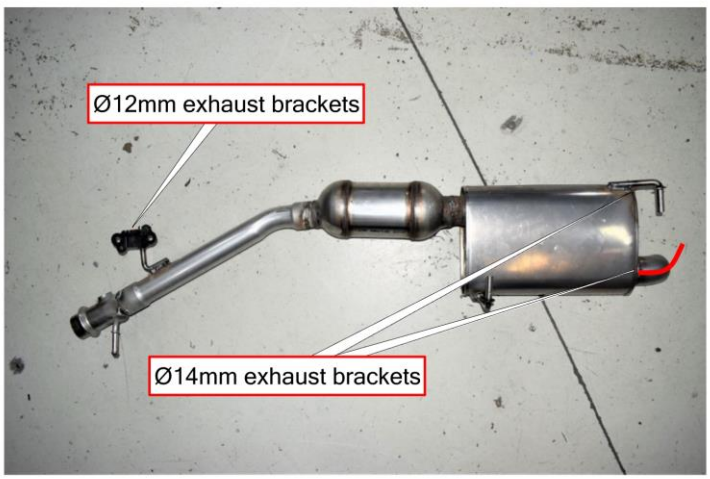
Position the exhaust parts as shown in the pictures and tack weld the different parts together.
Use the tube (60x2mm) to position and tack weld the silencer and catalytic converter.
Position the end pipe at an angle towards the outside of the vehicle.
The catalytic converter and muffler must be poisitioned parallel to the body.
Position the exhaust brackets and tack weld them.
Check the ground clearance, Must be at least 18 cm!

Euro 6.3 exhaust



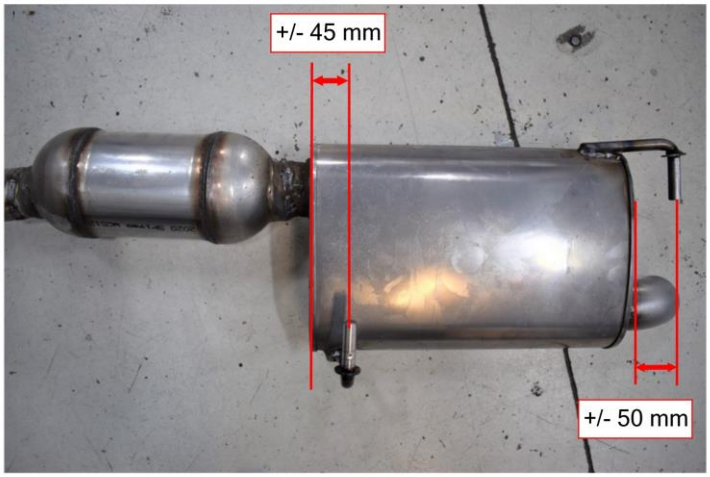
Be sure there is enough space between the heatshield and catalytic converter.
Be sure there is enough space between the vehicle body and catalytic converter.
Position the catalytic converter so that the converter is off-center towards the outside of the vehicle.

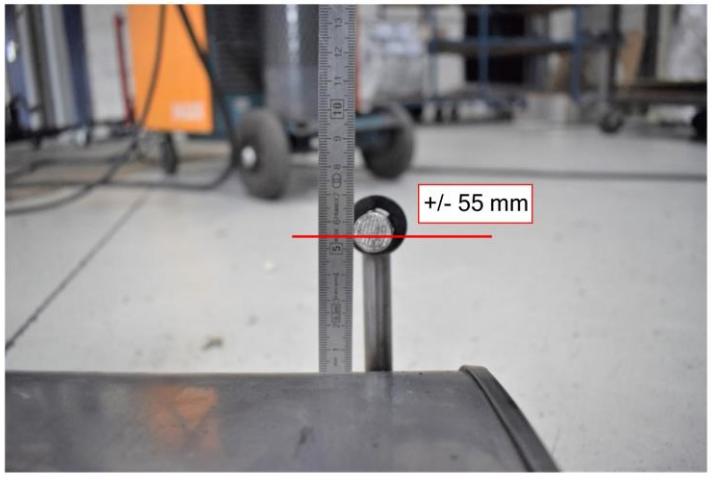
Euro 6.3 exhaust



Weld the end pipe at an angle towardds the outside of the vehicle.
Remove the exhaust and weld the joints all-around.
Apply a zinc coating after welding the exhaust.

Euro 6.3 exhaust



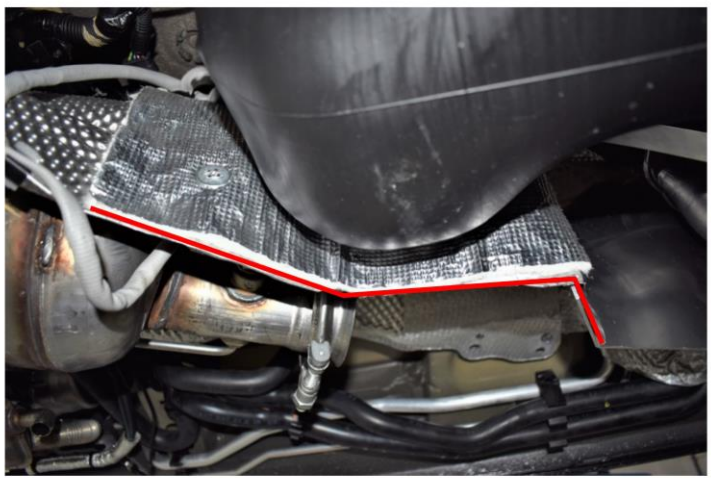


Remove the exhaust and weld the joints all-around.
Apply a zinc coating after welding the exhaust.

Euro 6.3 exhaust

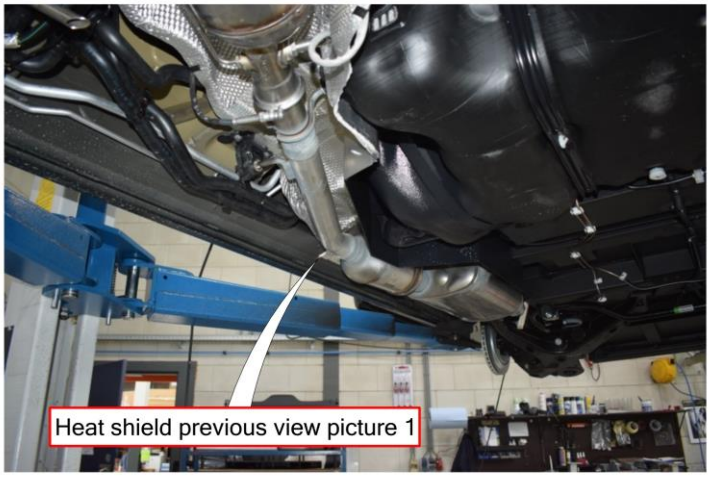
1

2



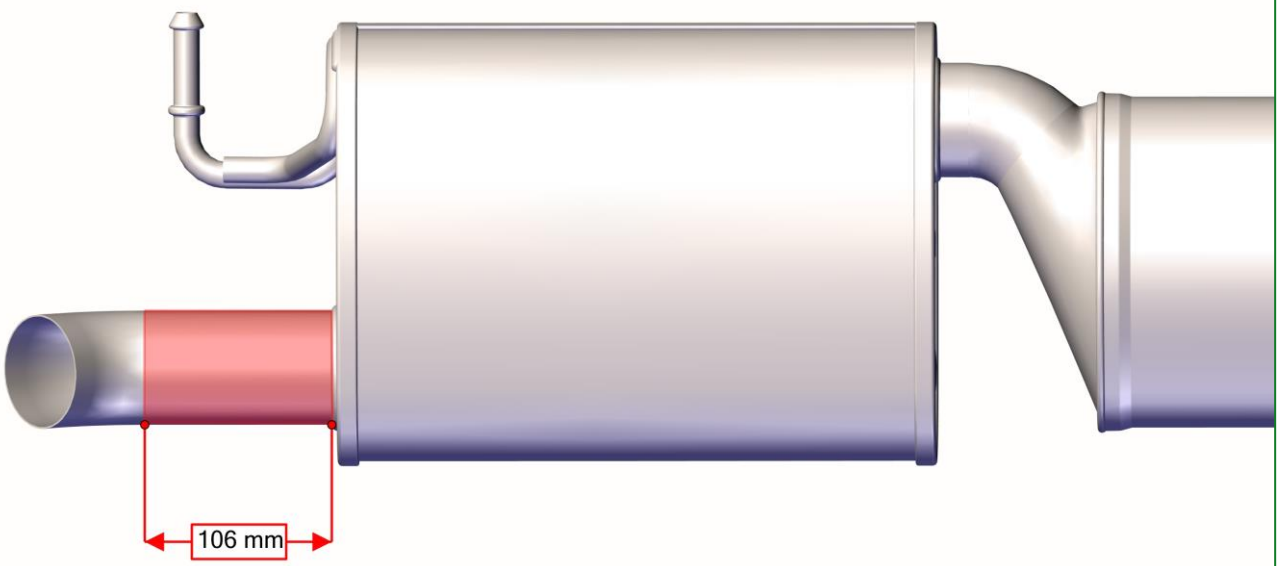
Apply heat protection on these two places.
To prevent detachment of the adhesive heat shield, it must be secured with rivets.
Be sure that there is no direct contact between the heat shield, exhaust and other parts.

Euro 6.3 exhaust



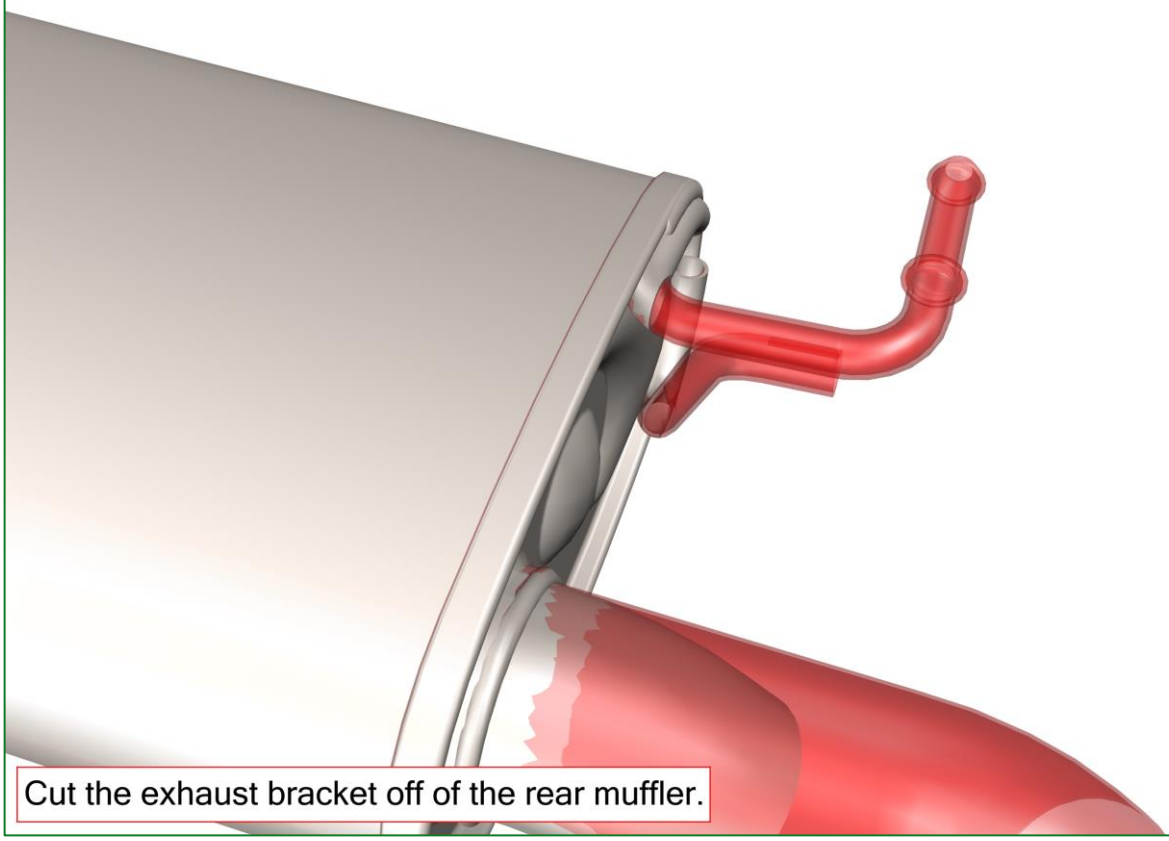
Mount the modified exhaust and exhaust probe.
Use the star-locks to secure the exhaust system.

Euro 6.4 exhaust



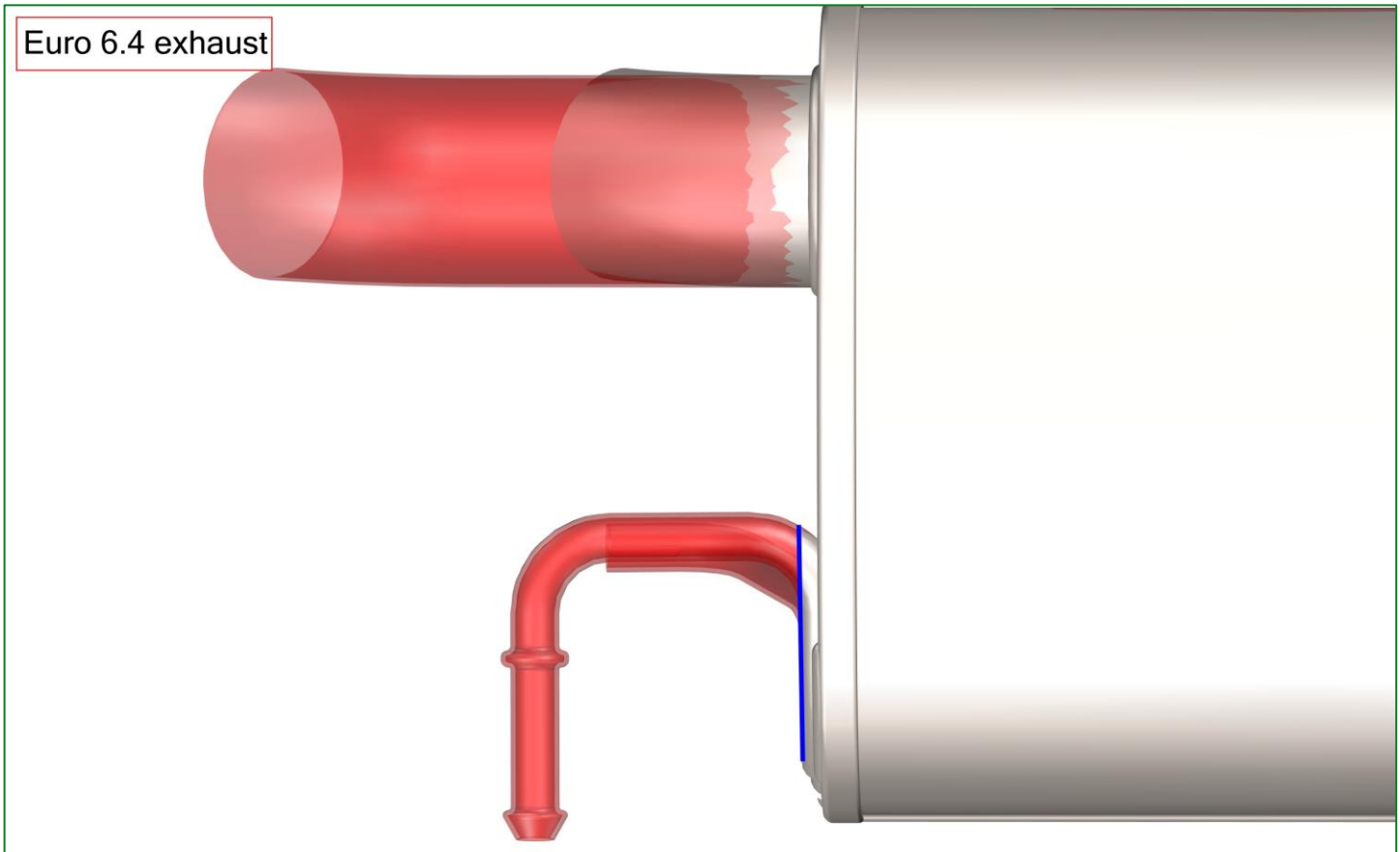
Cut out a section of the end pipe after the rear muffler.

Euro 6.4 exhaust



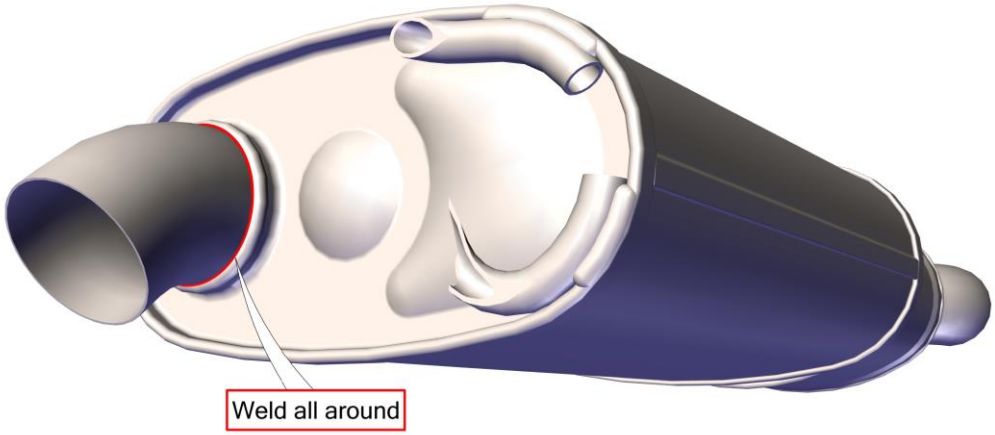
Cut the exhaust bracket off of the rear muffler.

Euro 6.4 exhaust



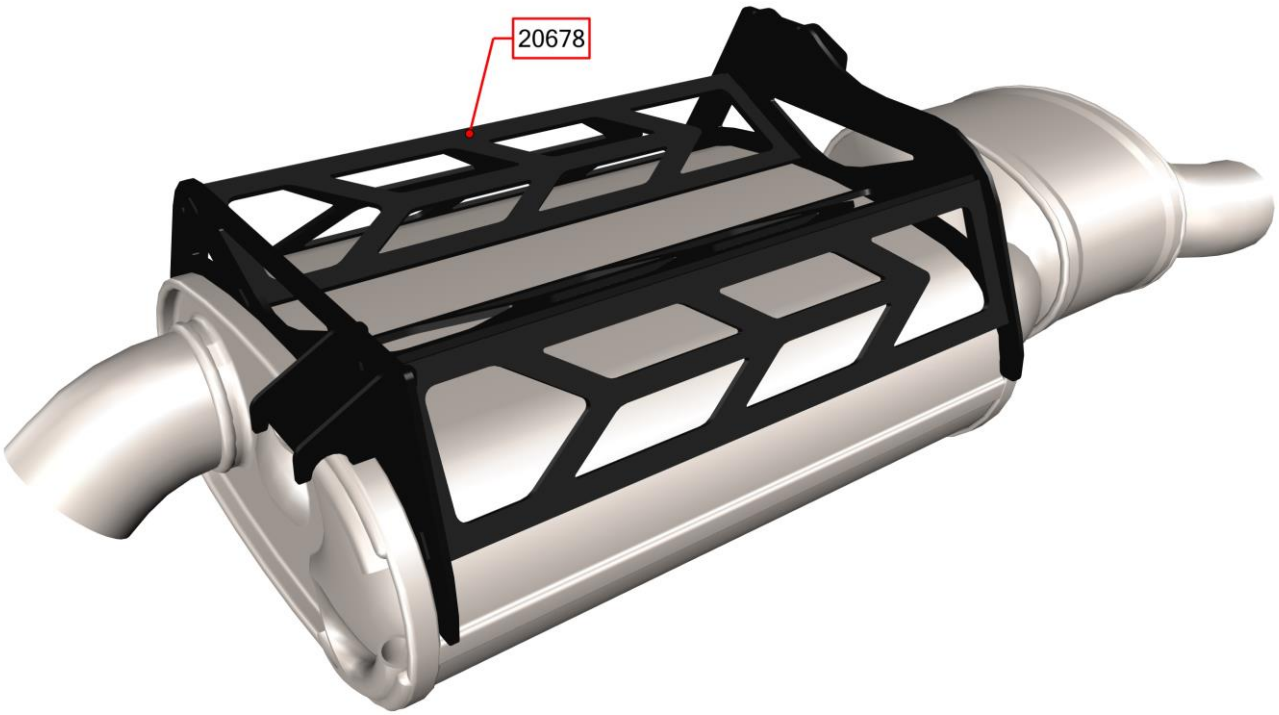
Cut as shown.

Euro 6.4 exhaust



Weld the leftover bit on the muffler as shown.

Euro 6.4 exhaust

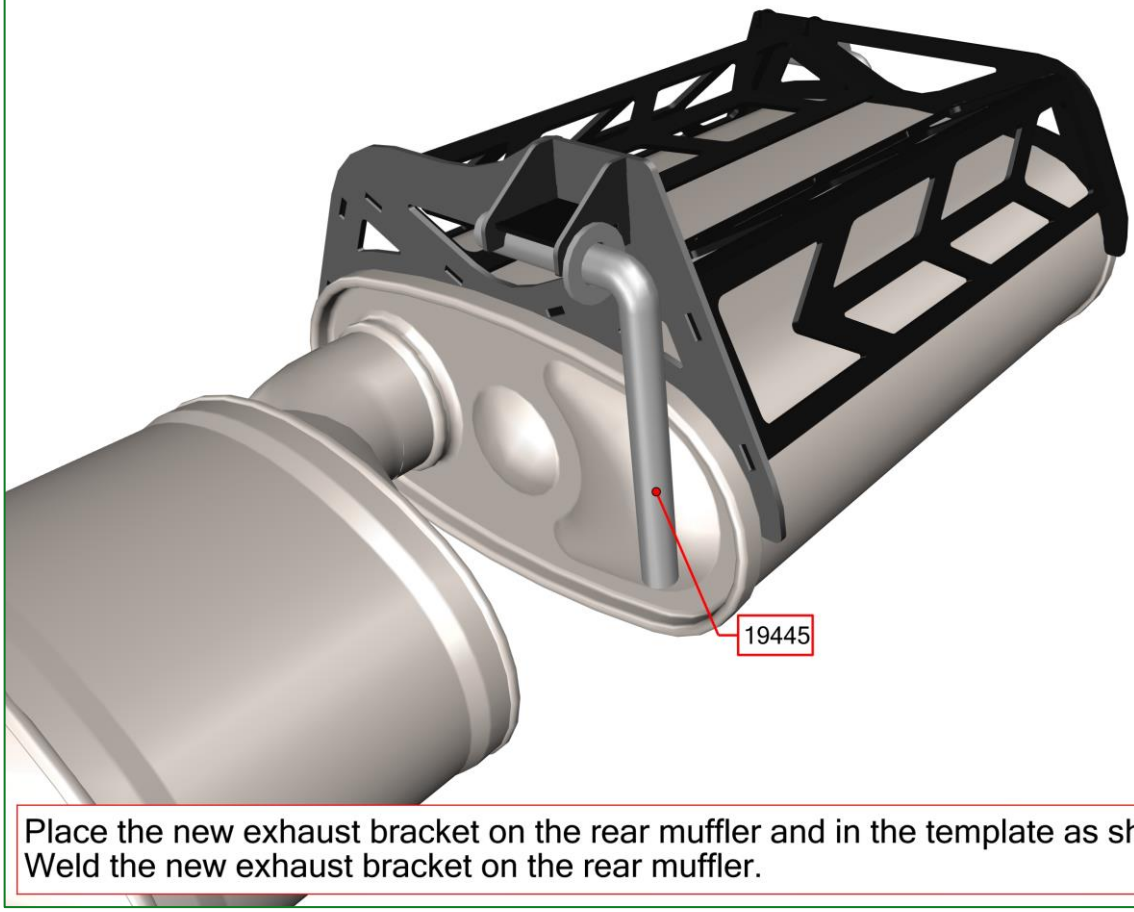


Place the template bracket on the rear muffler.

Euro 6.4 exhaust

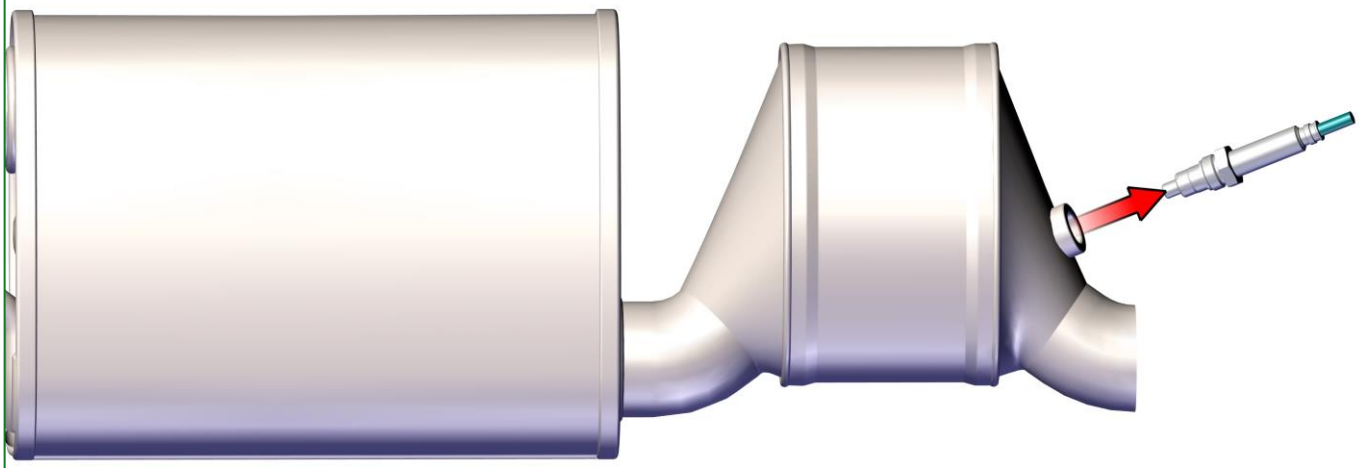
Place the new exhaust bracket on the rear muffler and in the template as shown.
Weld the new exhaust bracket on the rear muffler.

Euro 6.4 exhaust



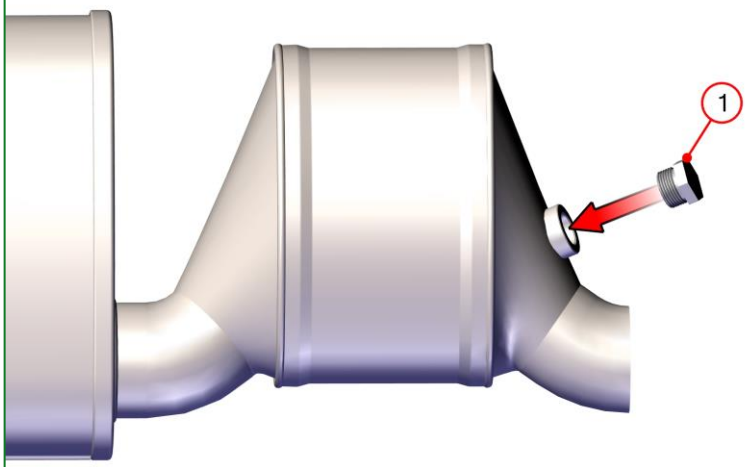
Place the new exhaust bracket on the rear muffler and in the template as shown.
Weld the new exhaust bracket on the rear muffler.

Euro 6.4 exhaust



Take out the sensor.

Euro 6.4 exhaust

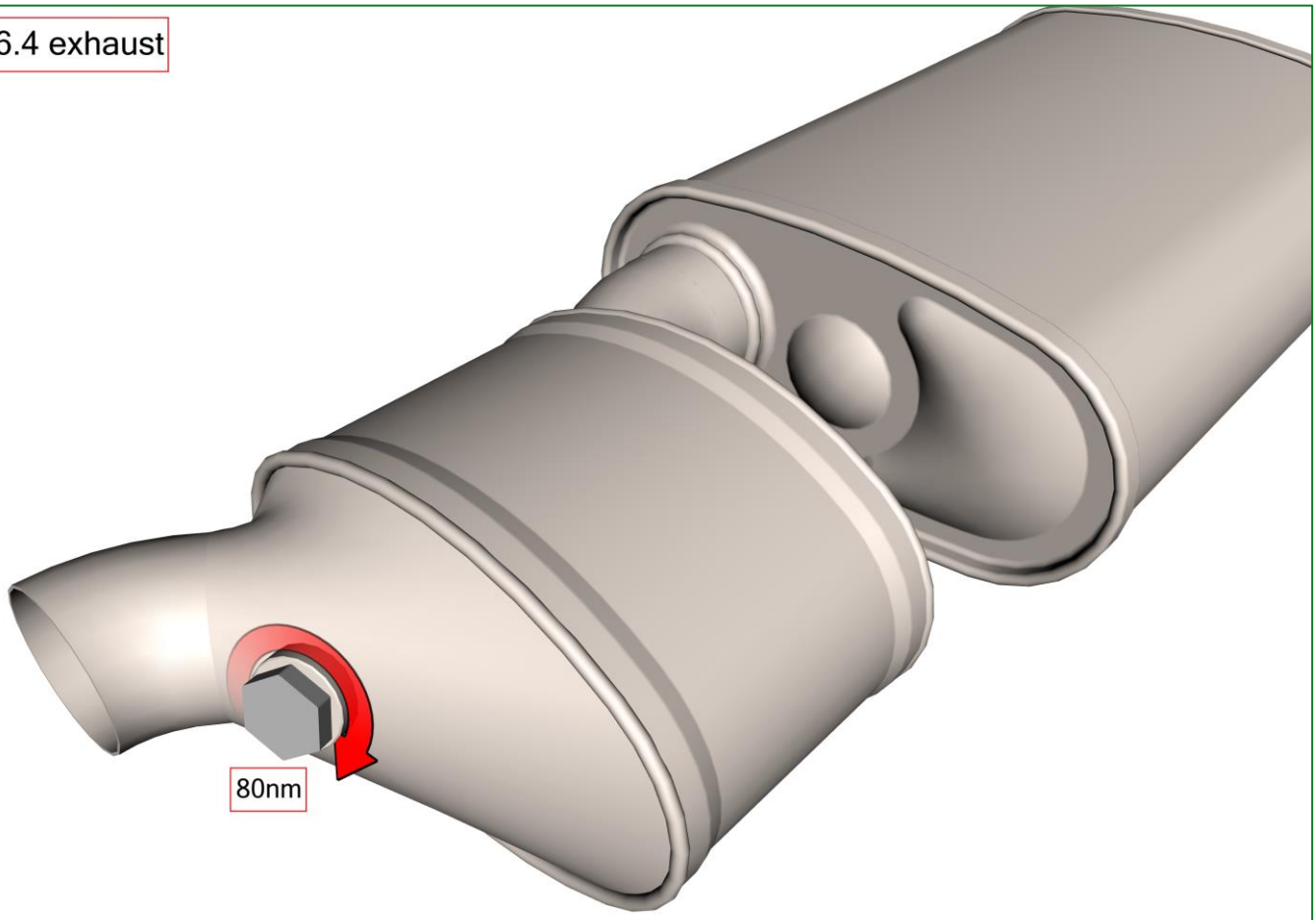


Apply Bosal muffler cement to the thread in the threaded hole.
Use the plug to cap the hole where the sensor was mounted.

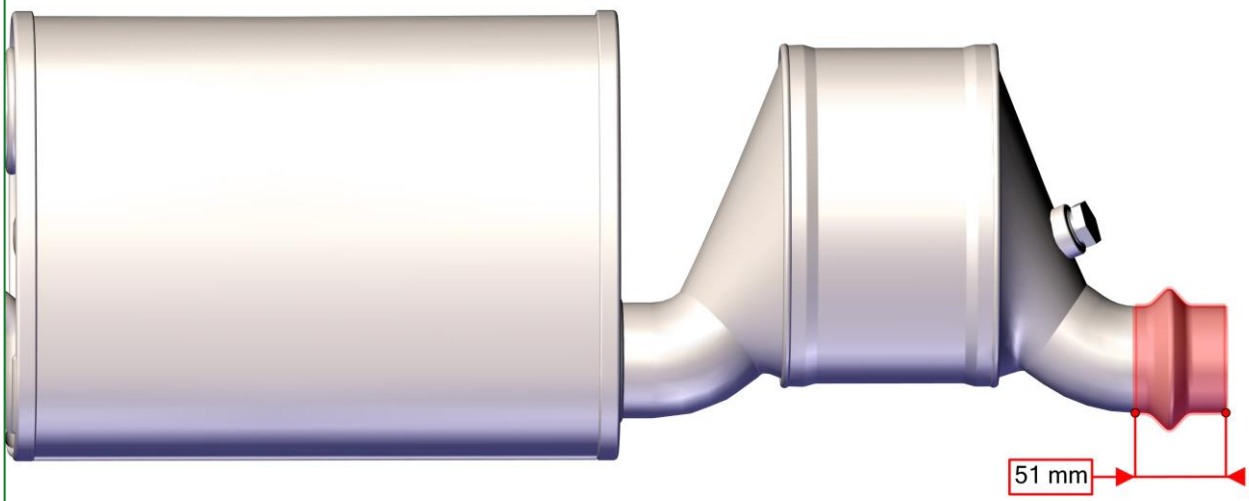
Bag #19026

NO.	QTY.	PART	DESCRIPTION
1	1	20697	Blindplug

Euro 6.4 exhaust

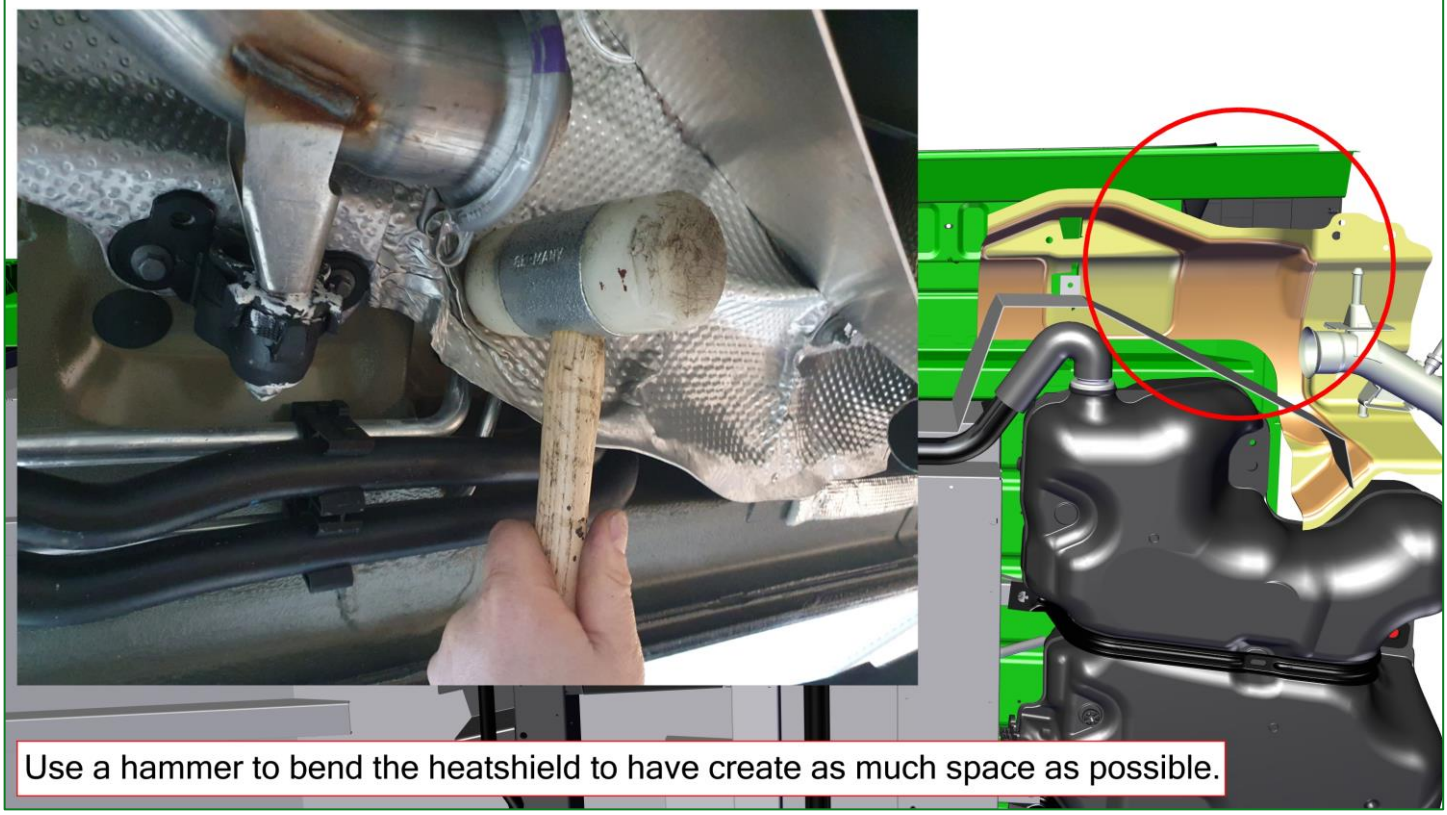


Euro 6.4 exhaust



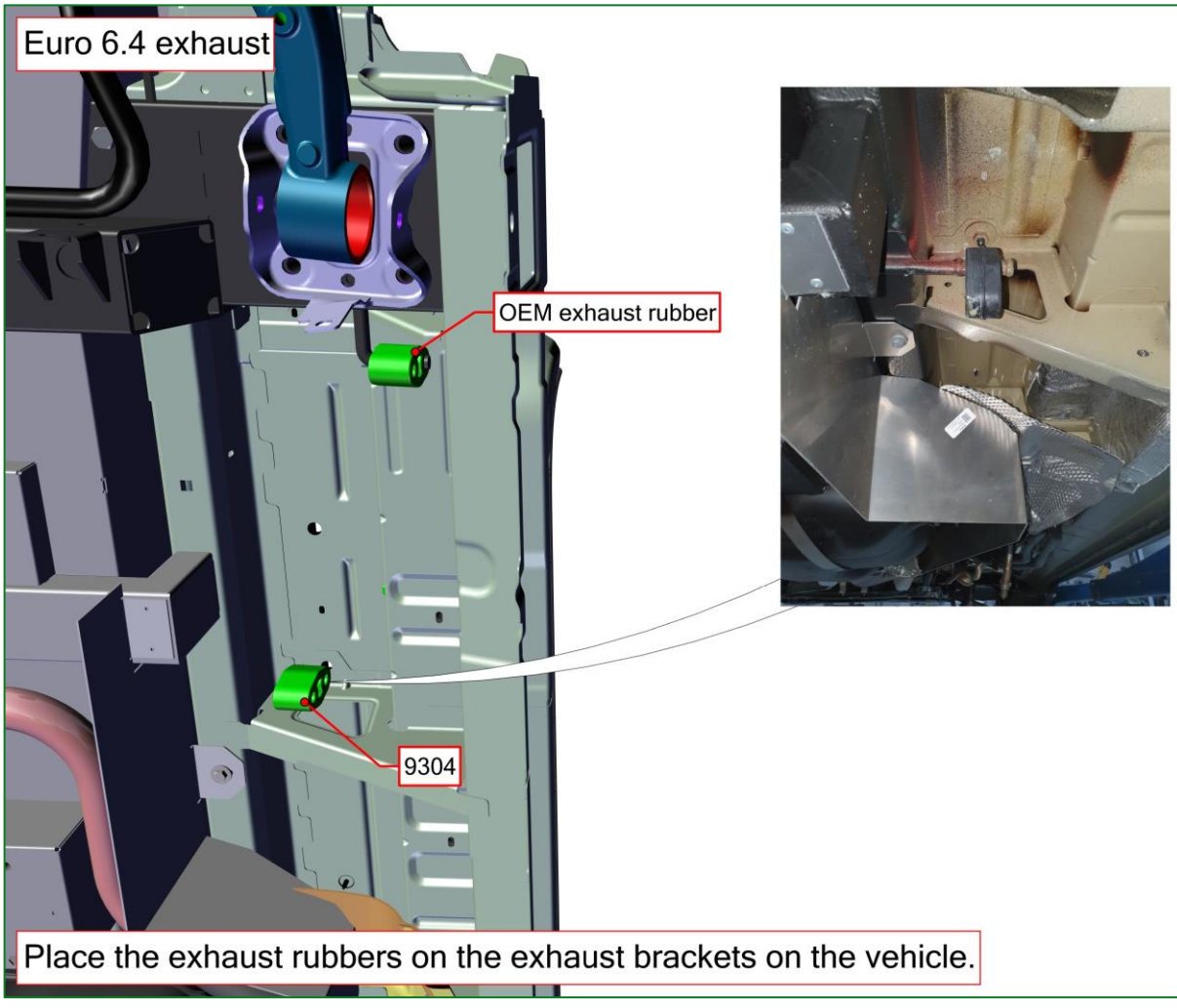
Cut off the marked bit of pipe where the exhaust pipes are connected.
Keep this part.

Euro 6.4 exhaust



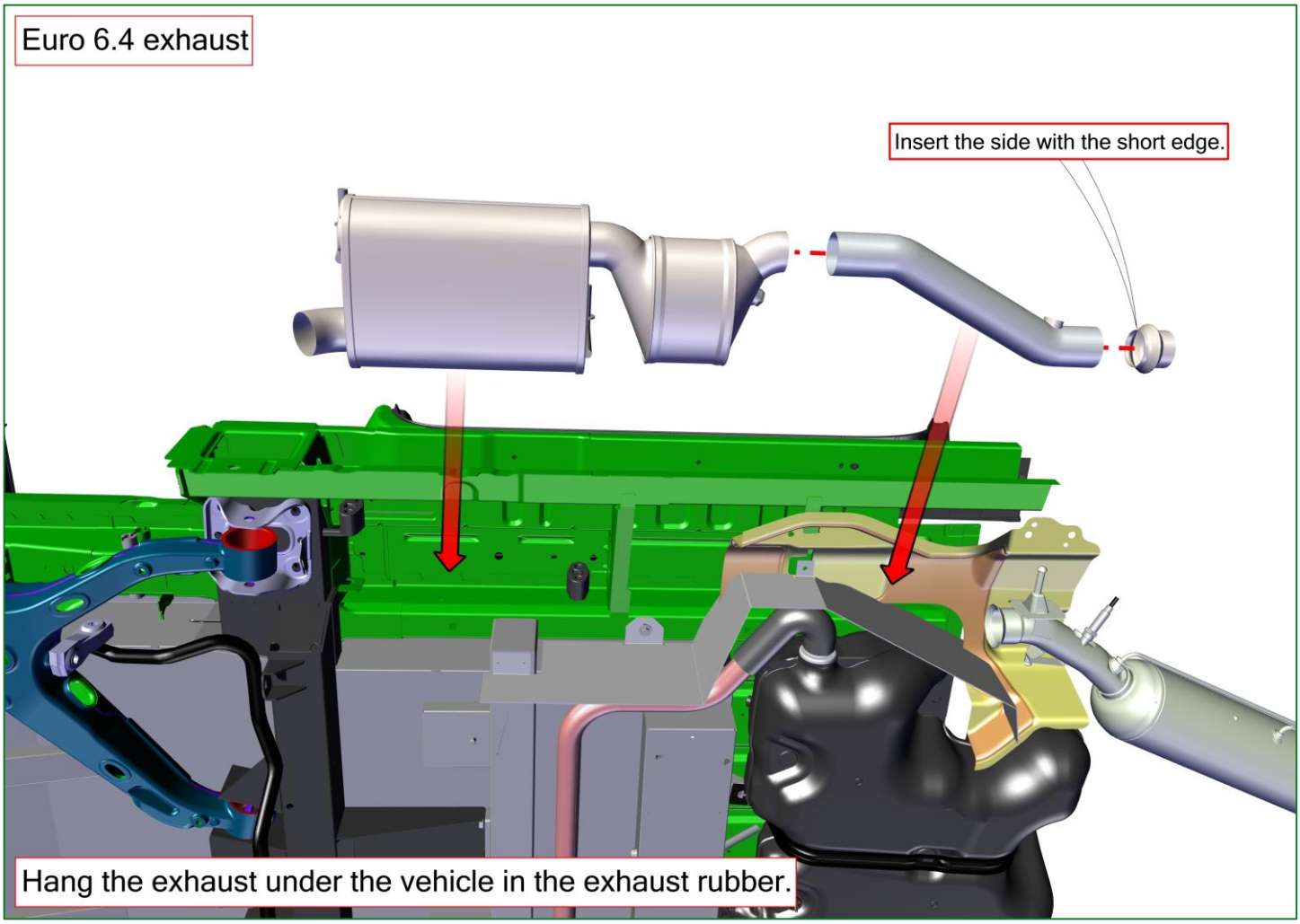
Use a hammer to bend the heatshield to have create as much space as possible.

Euro 6.4 exhaust

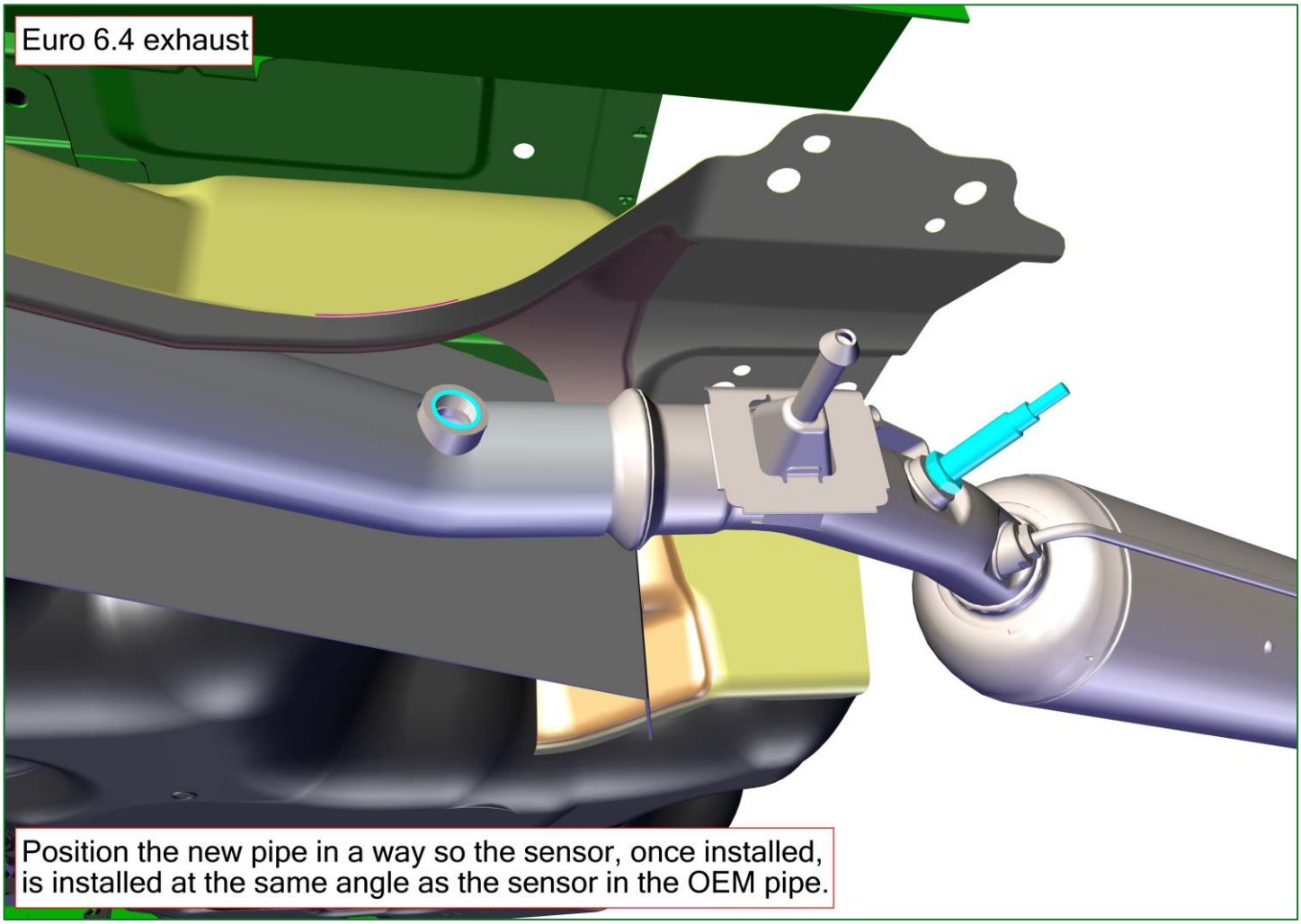


Place the exhaust rubbers on the exhaust brackets on the vehicle.

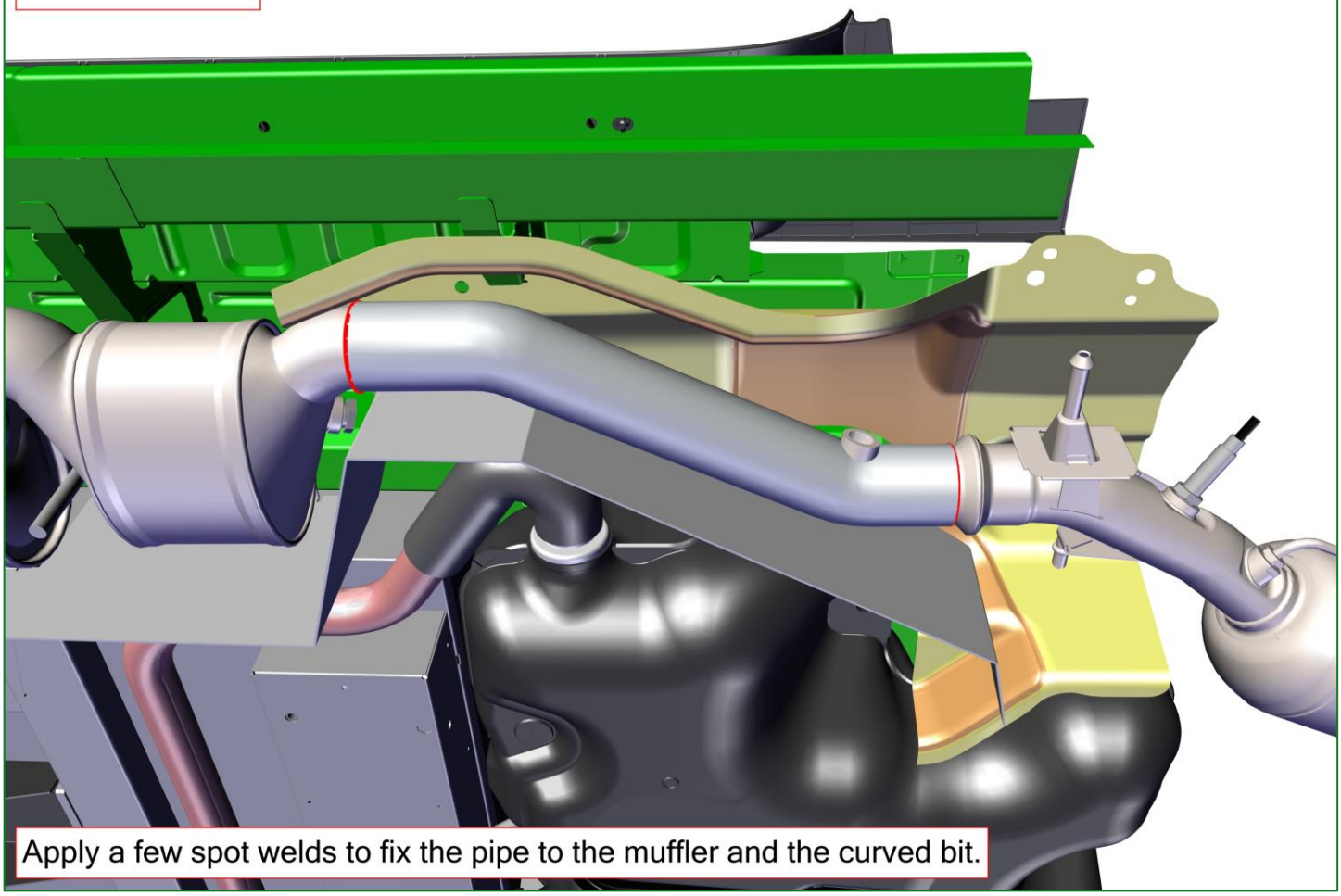
Euro 6.4 exhaust



Euro 6.4 exhaust

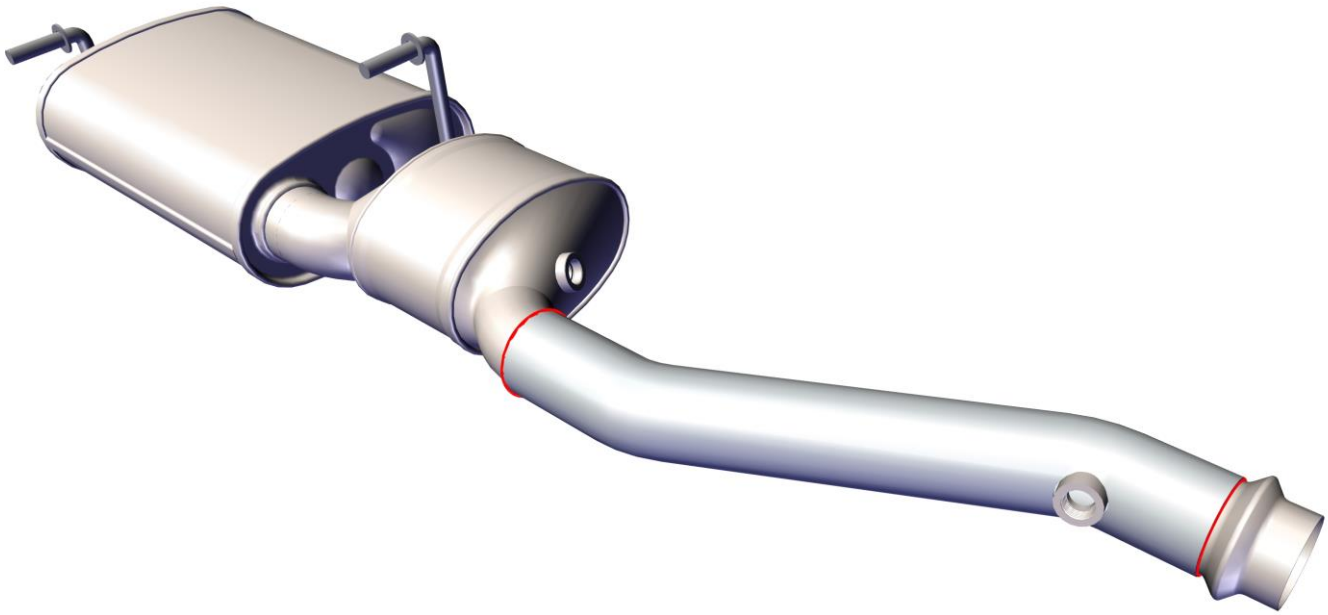


Euro 6.4 exhaust

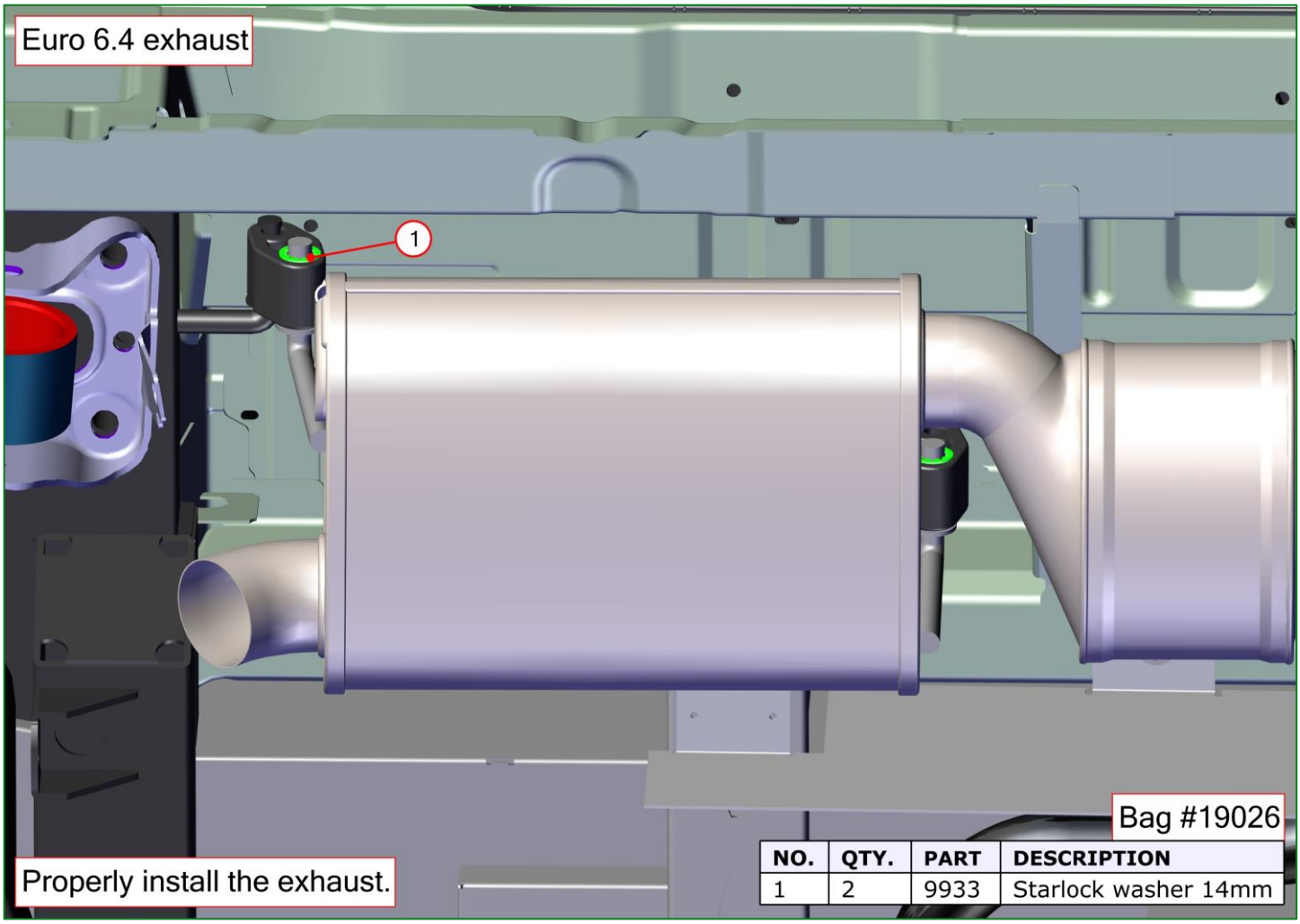


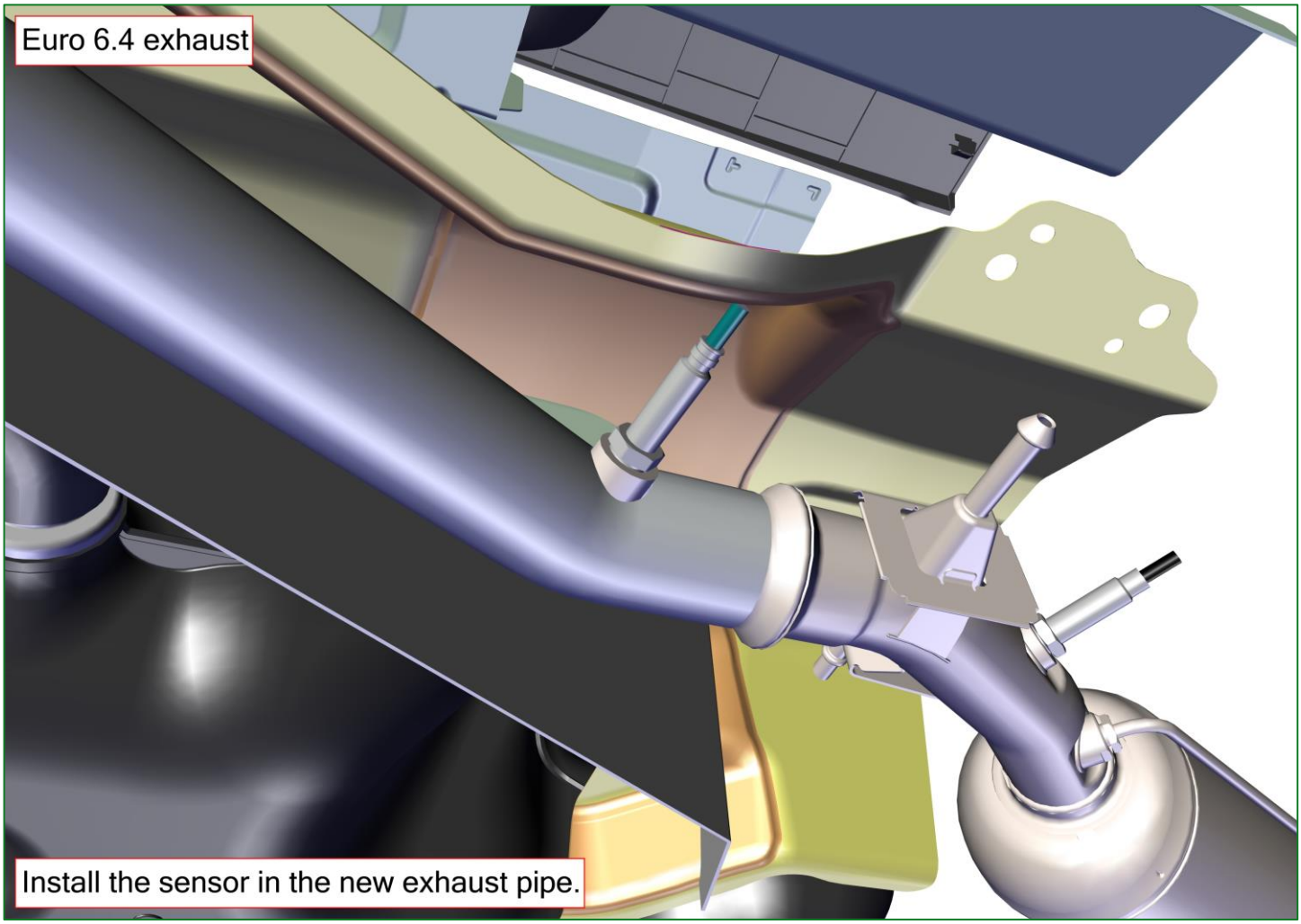
Apply a few spot welds to fix the pipe to the muffler and the curved bit.

Euro 6.4 exhaust

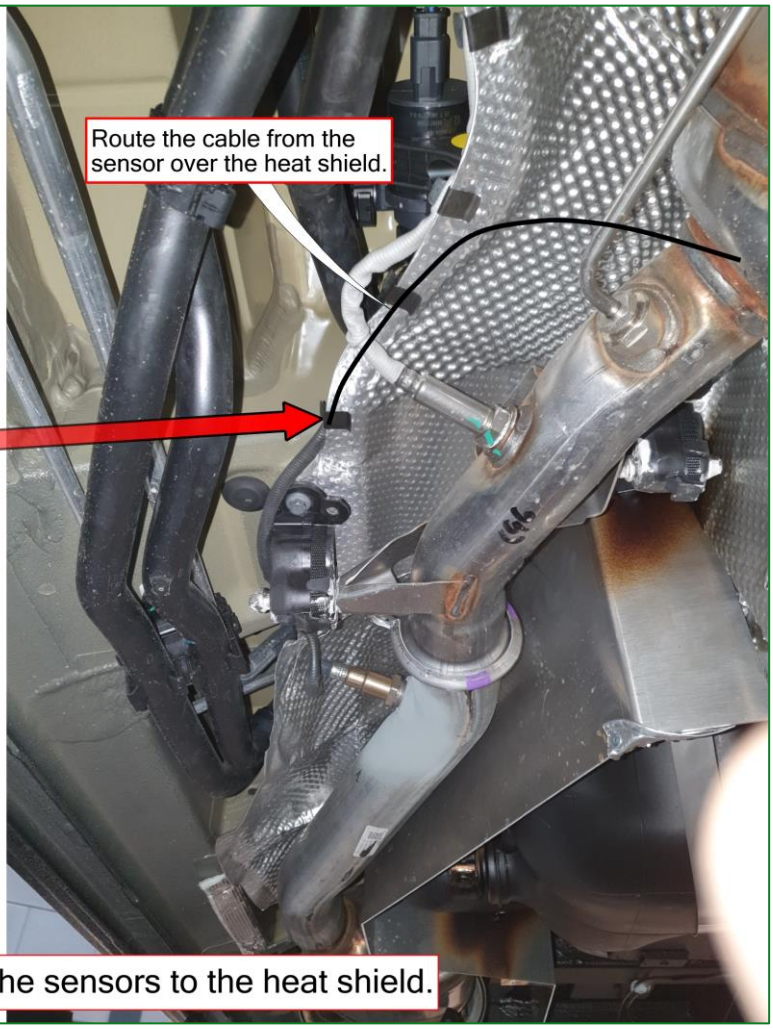


Take the exhaust out from underneath the vehicle.
Now weld all around the pipe to properly connect the pipe.


Euro 6.4 exhaust
1
Bag #19026
NO. QTY. PART DESCRIPTION
1 2 9933 Starlock washer 14mm
Properly install the exhaust.

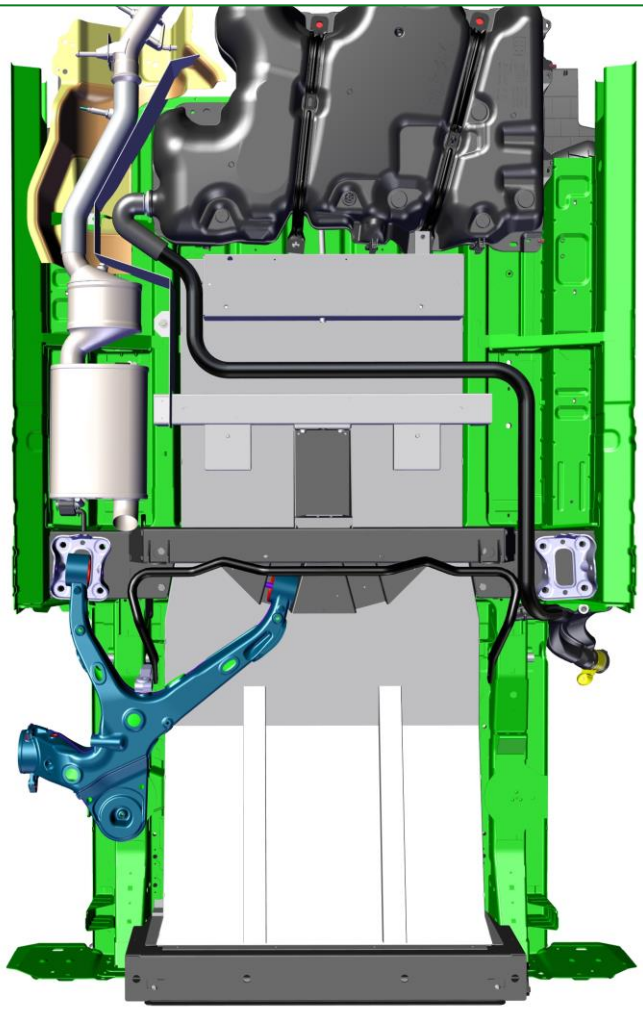

Euro 6.4 exhaust
Install the sensor in the new exhaust pipe.

Euro 6.4 exhaust

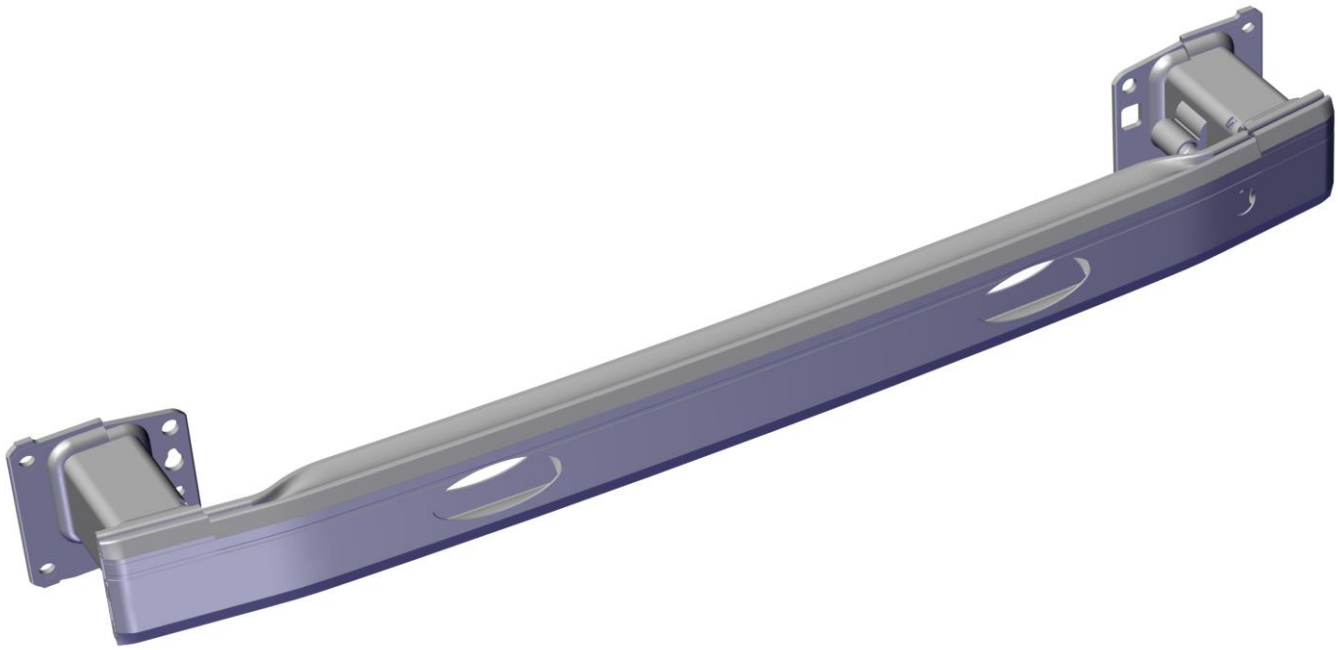


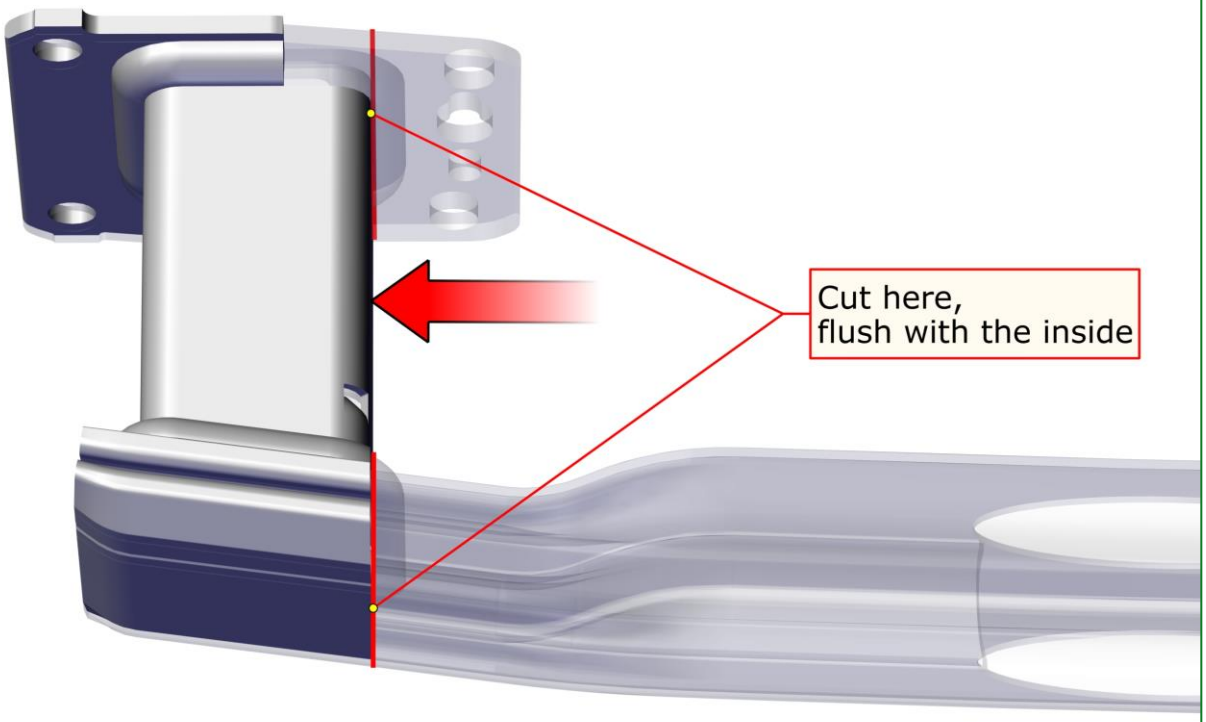
Use these OEM clips to fix the cables from the sensors to the heat shield.

Euro 6.4 exhaust

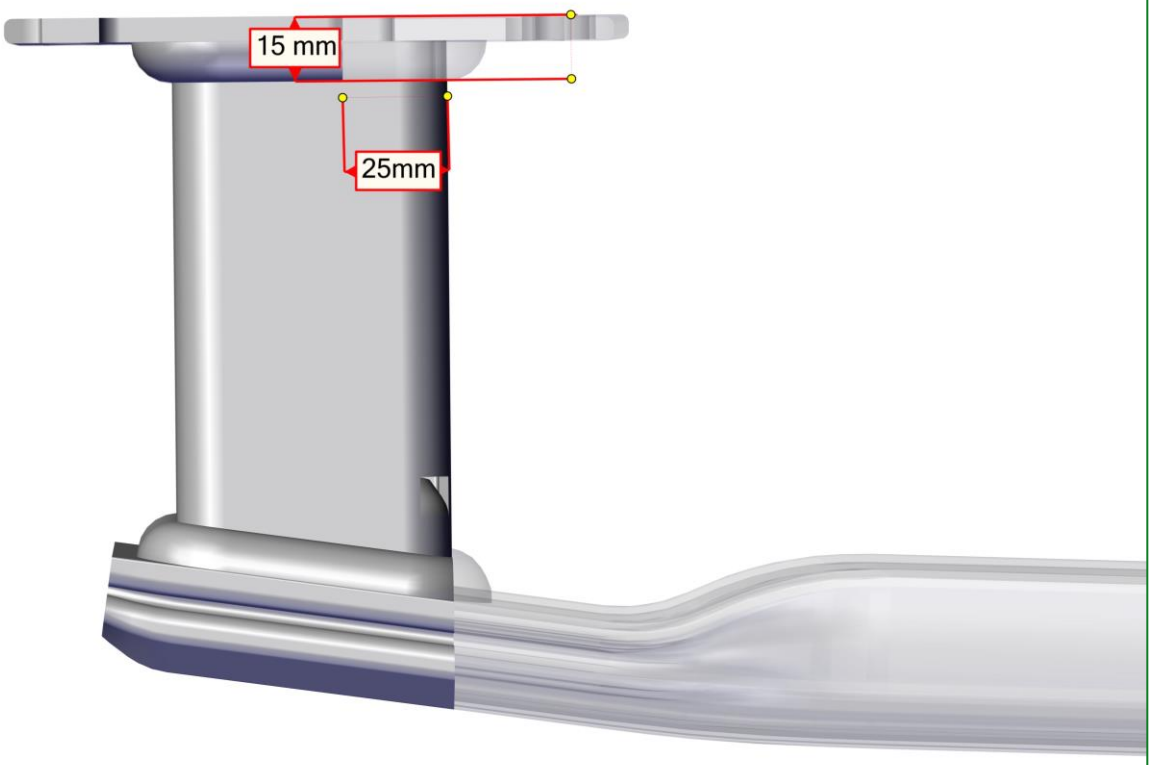


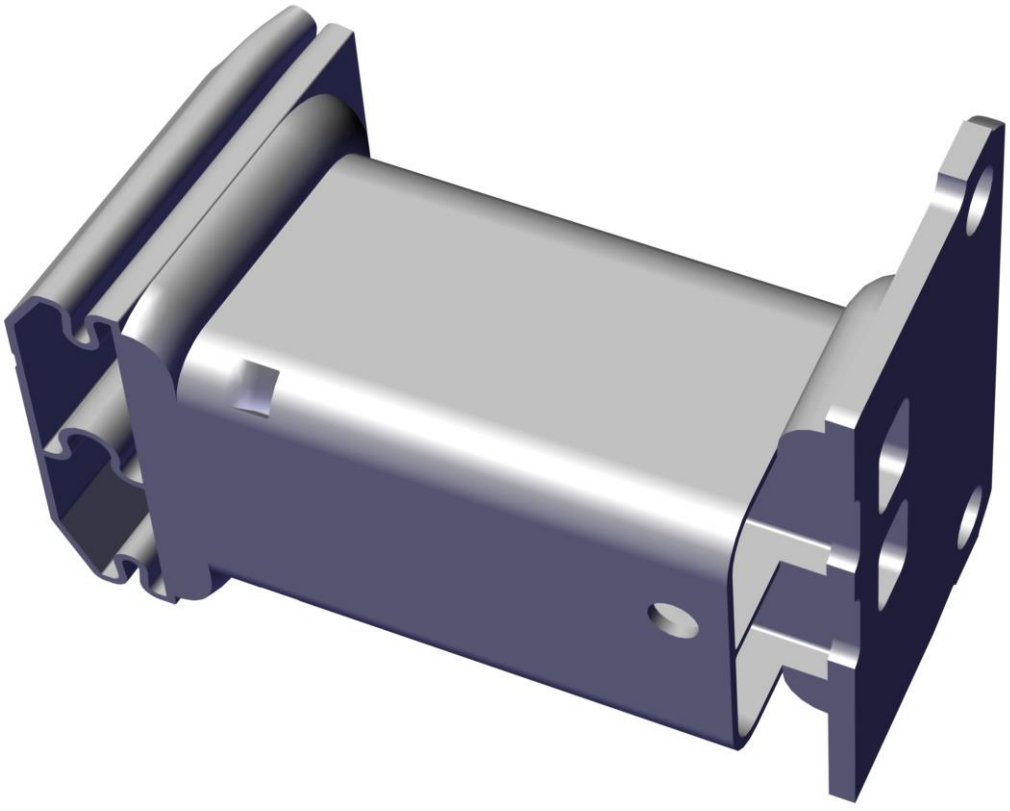
Cutting the inner bumper

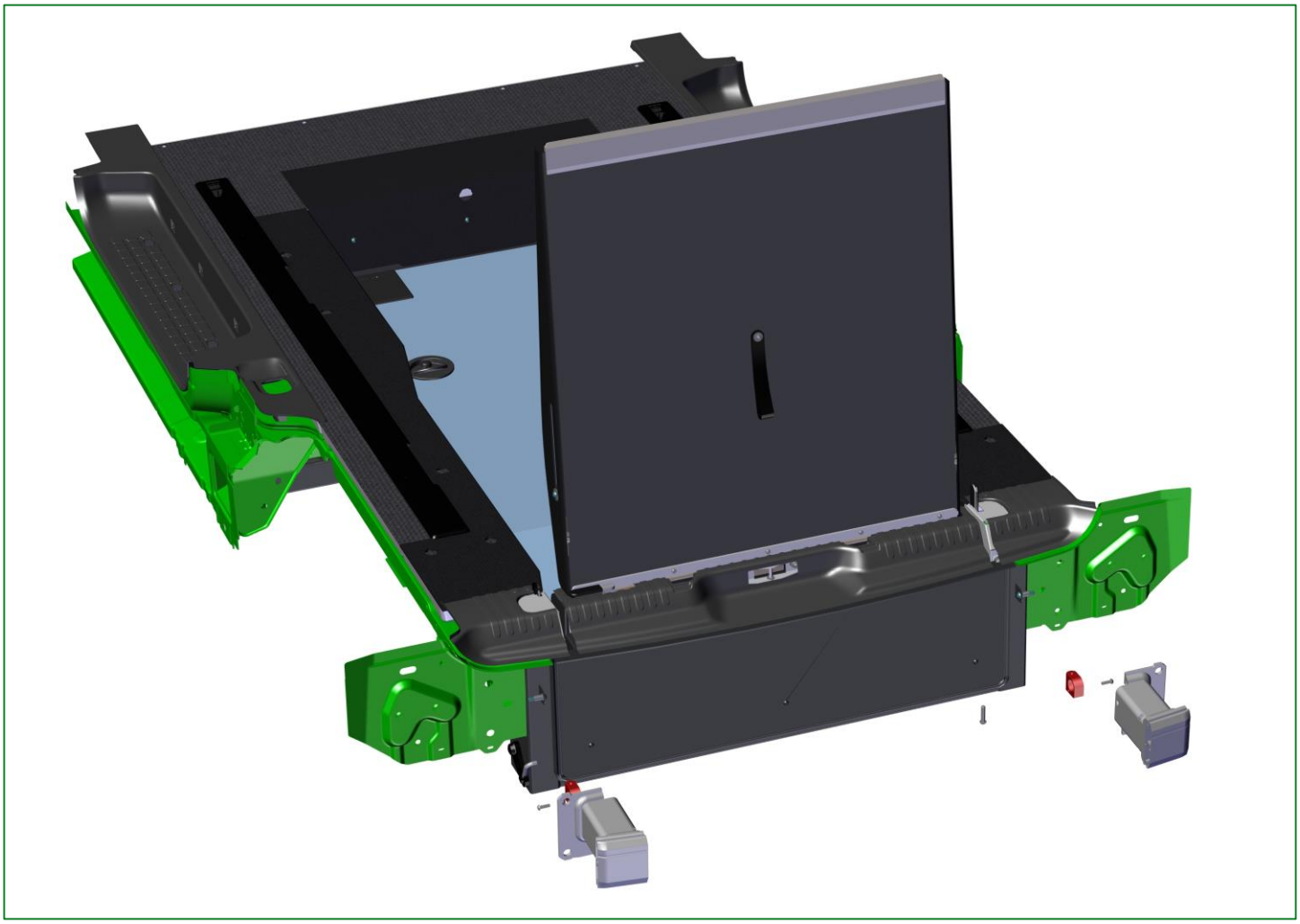


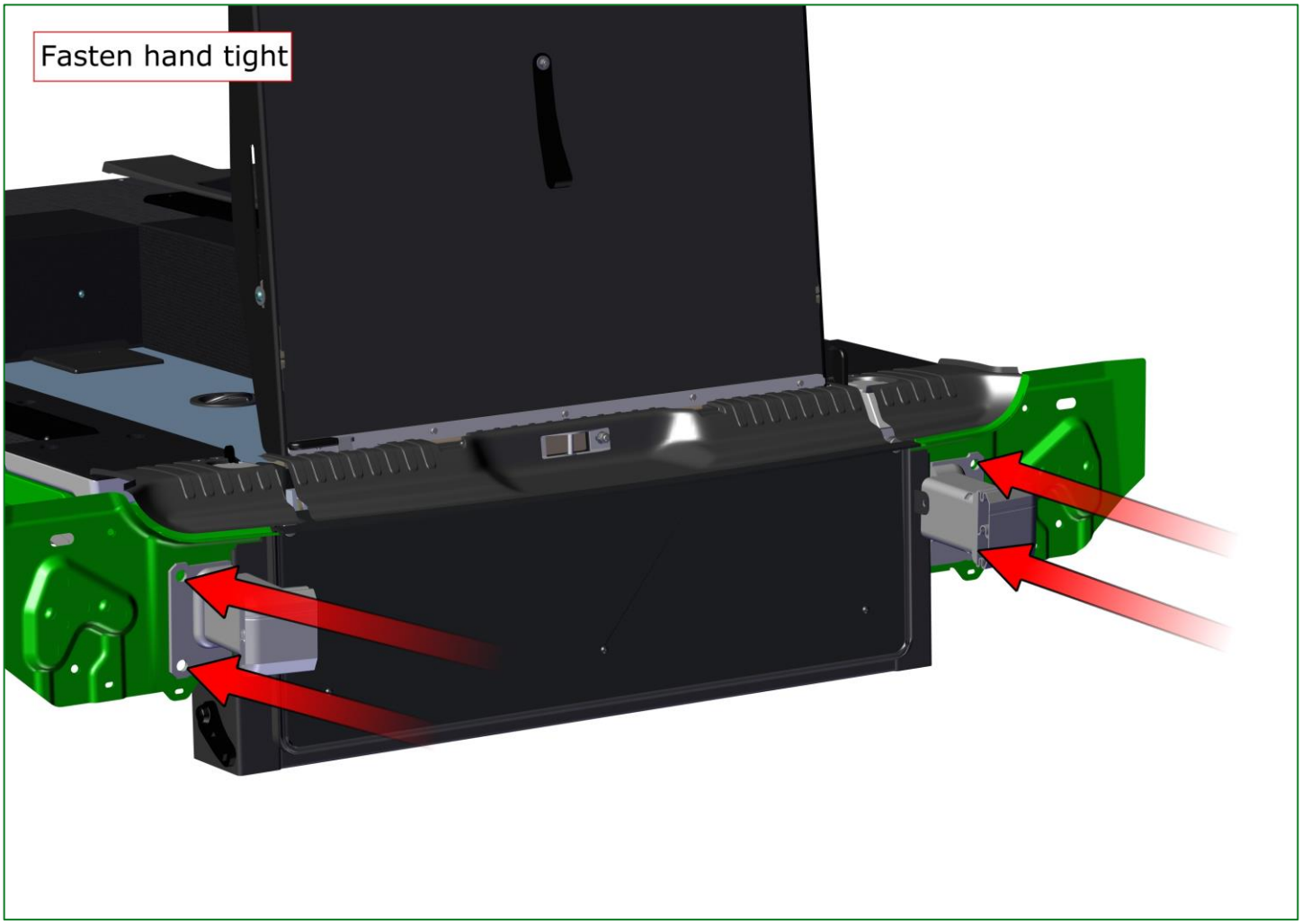


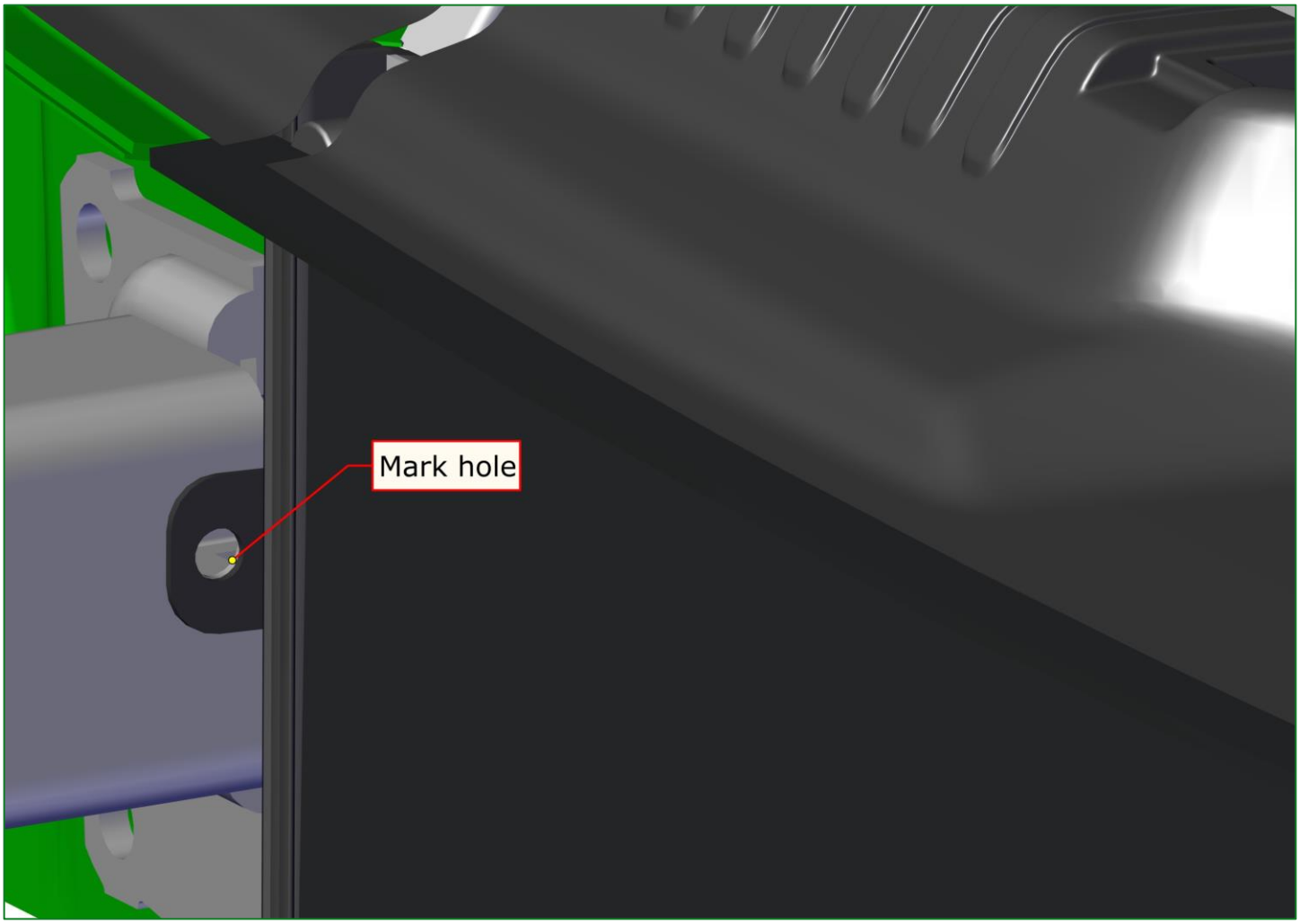
Cut as shown

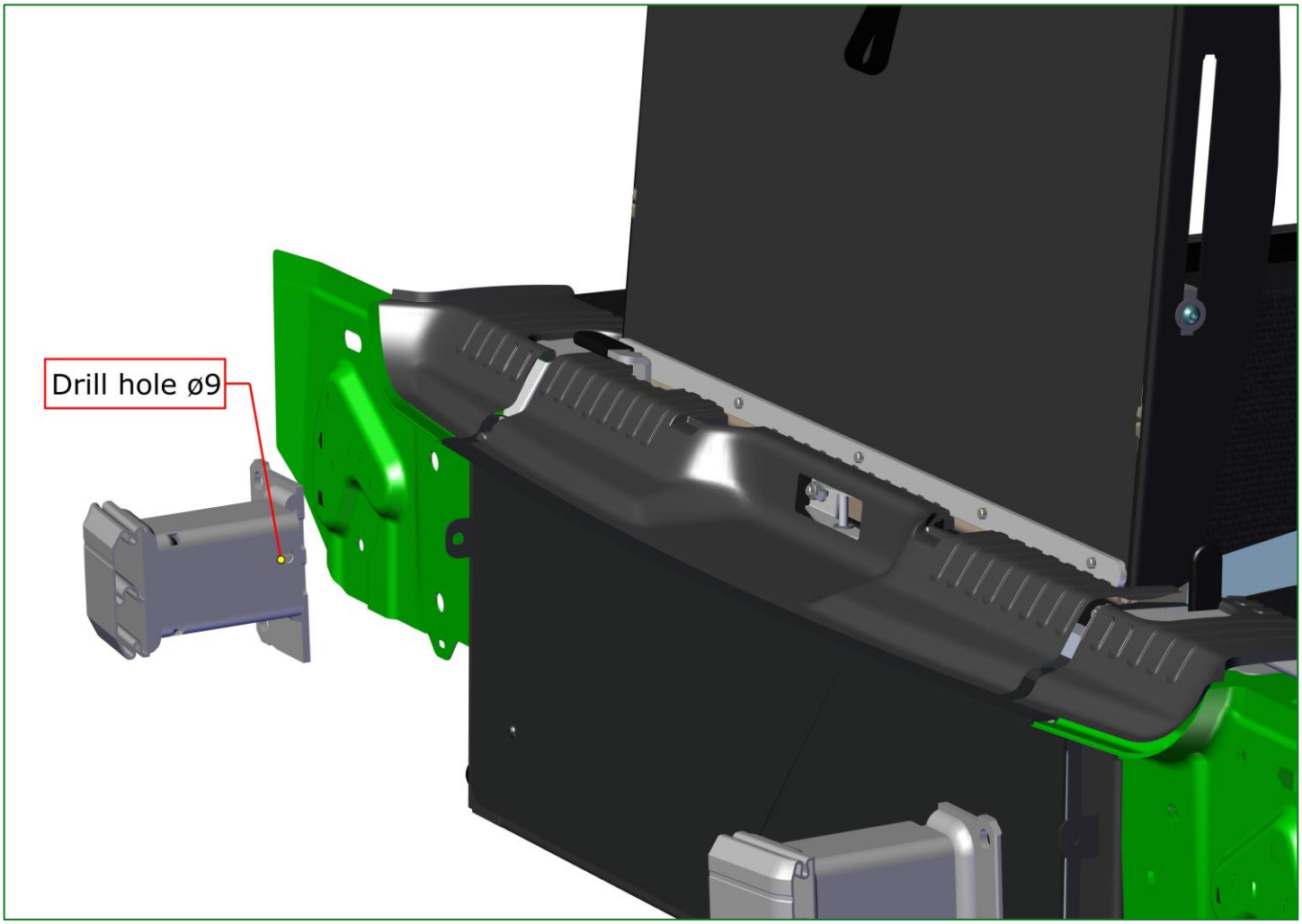


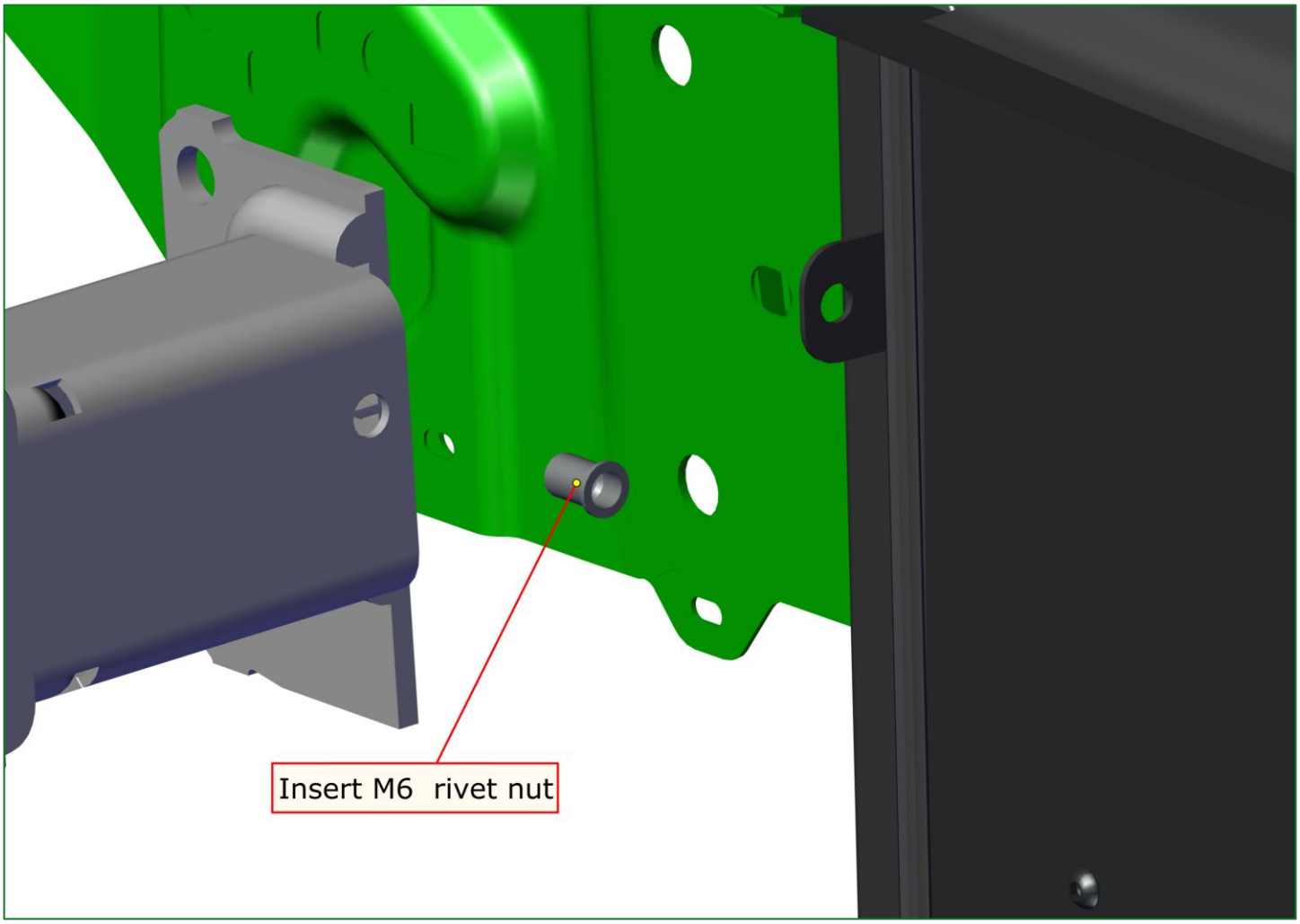


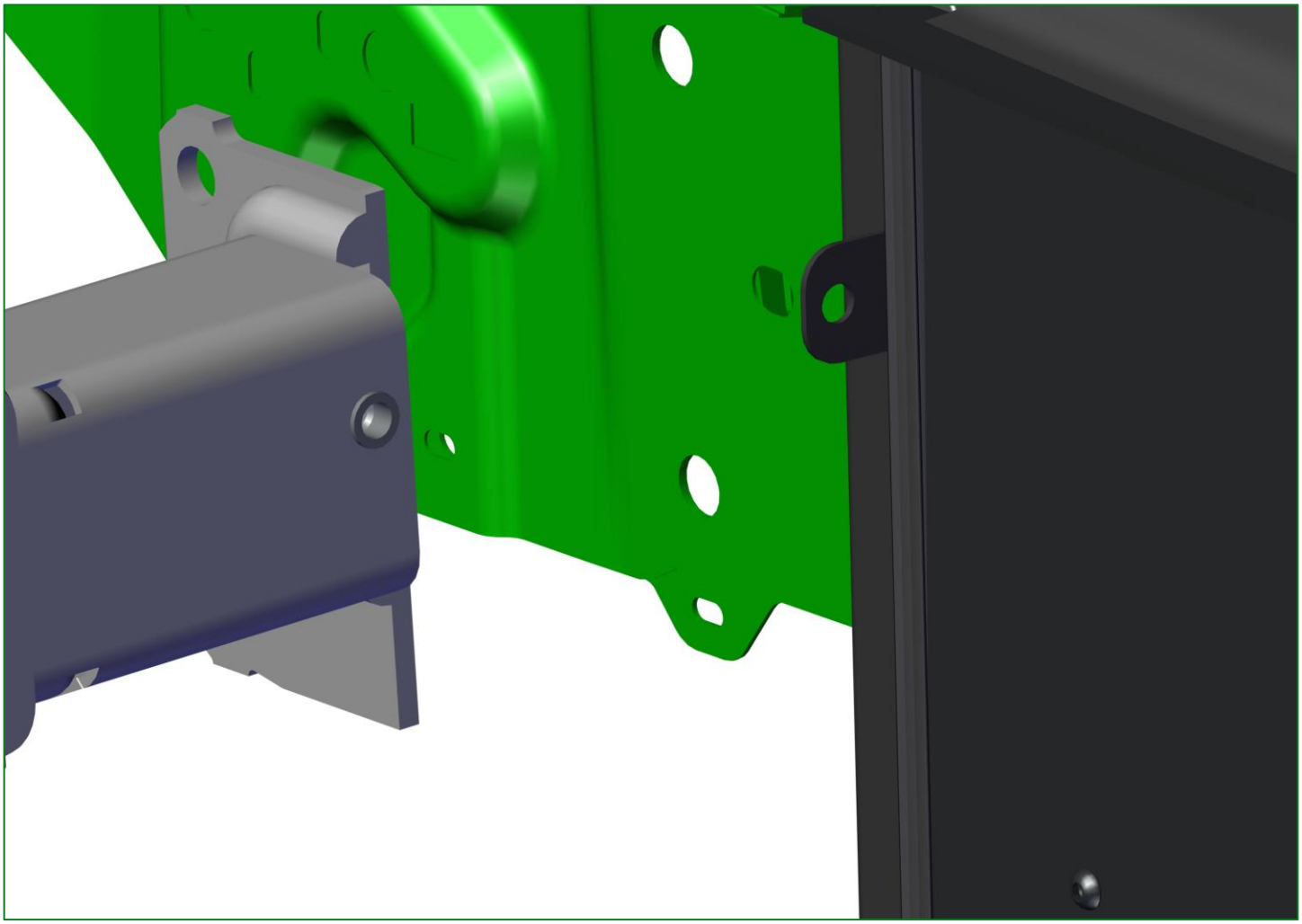


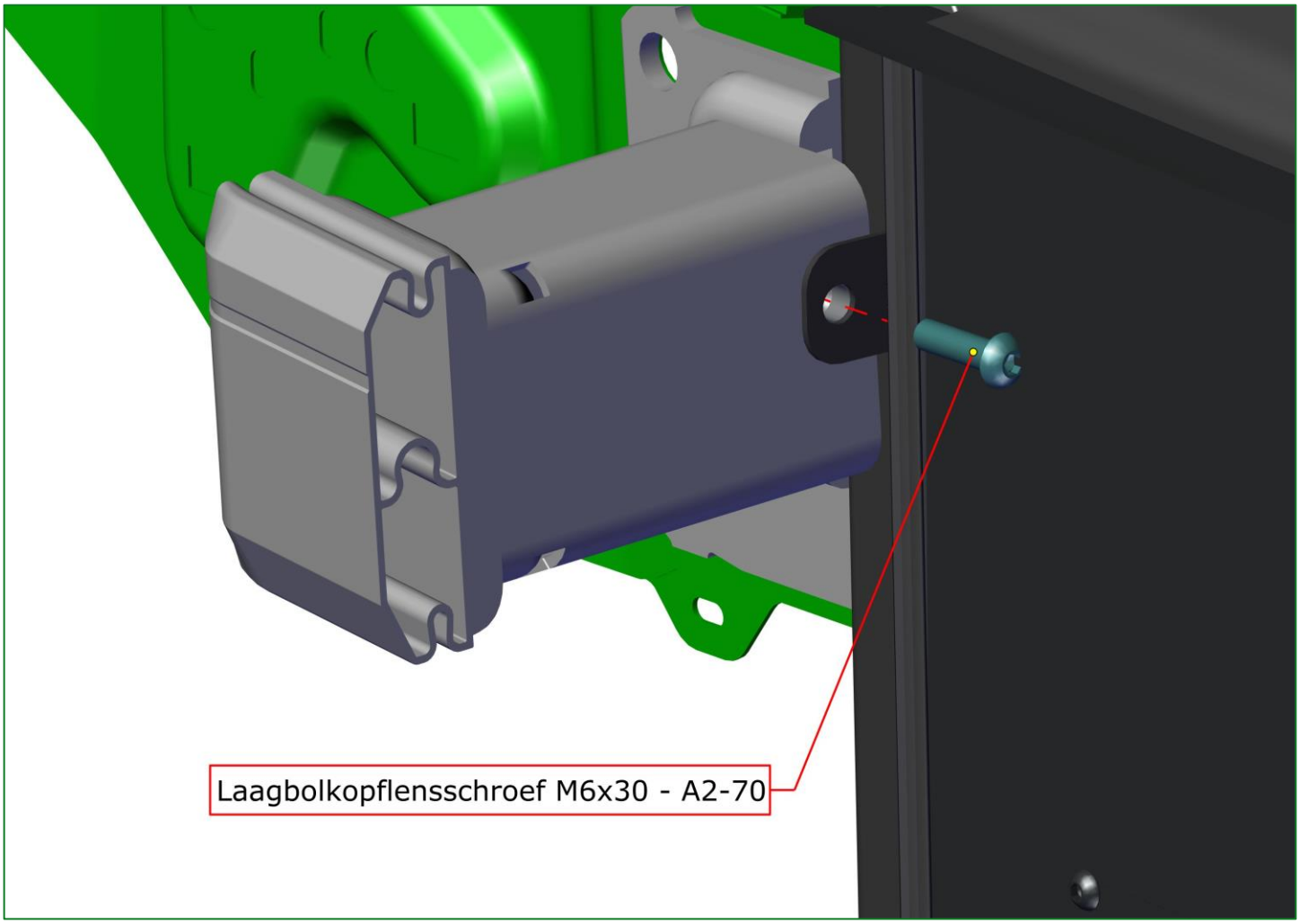

Fasten hand tight

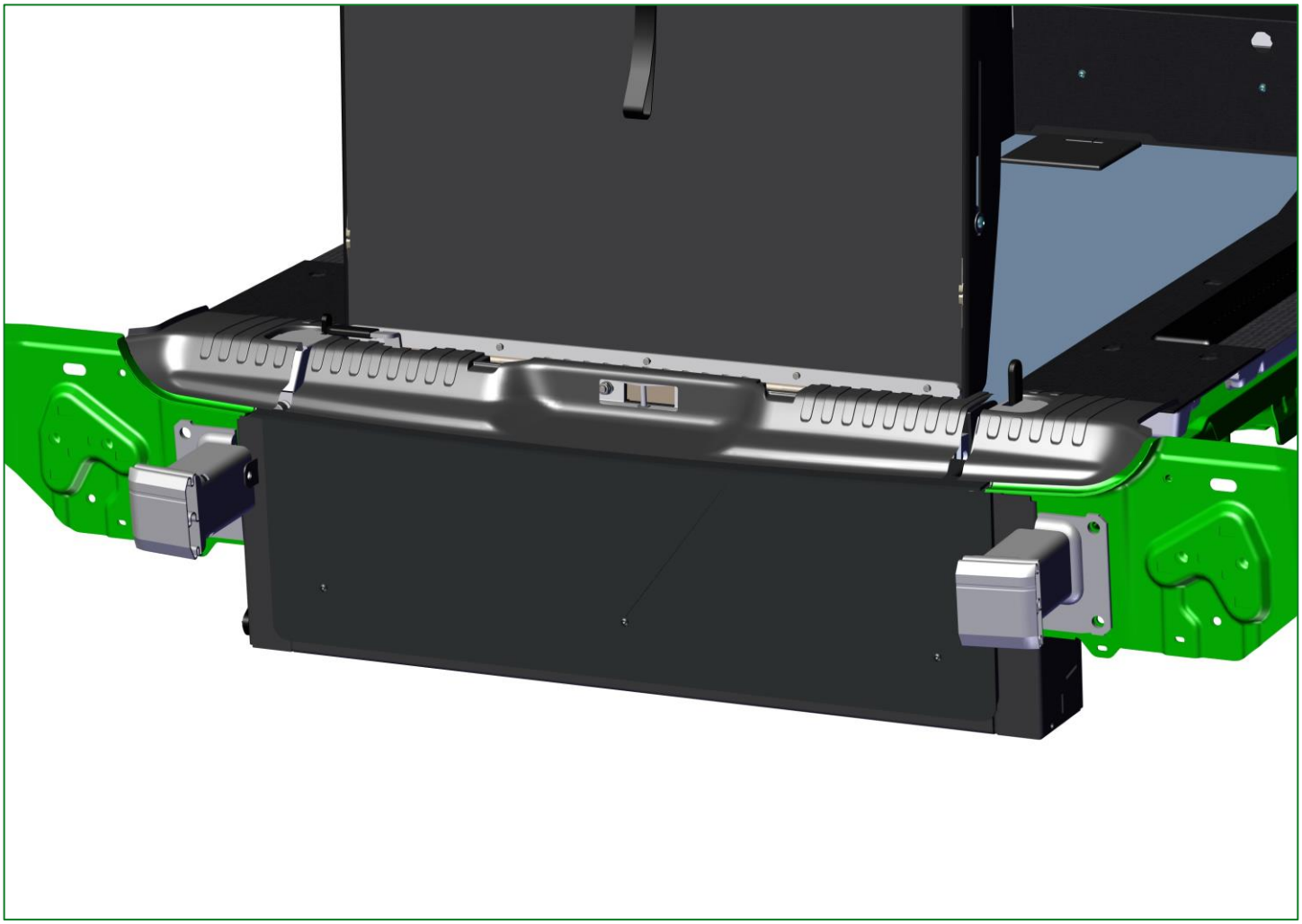

Mark hole


Drill hole ø9


Insert M6 rivet nut

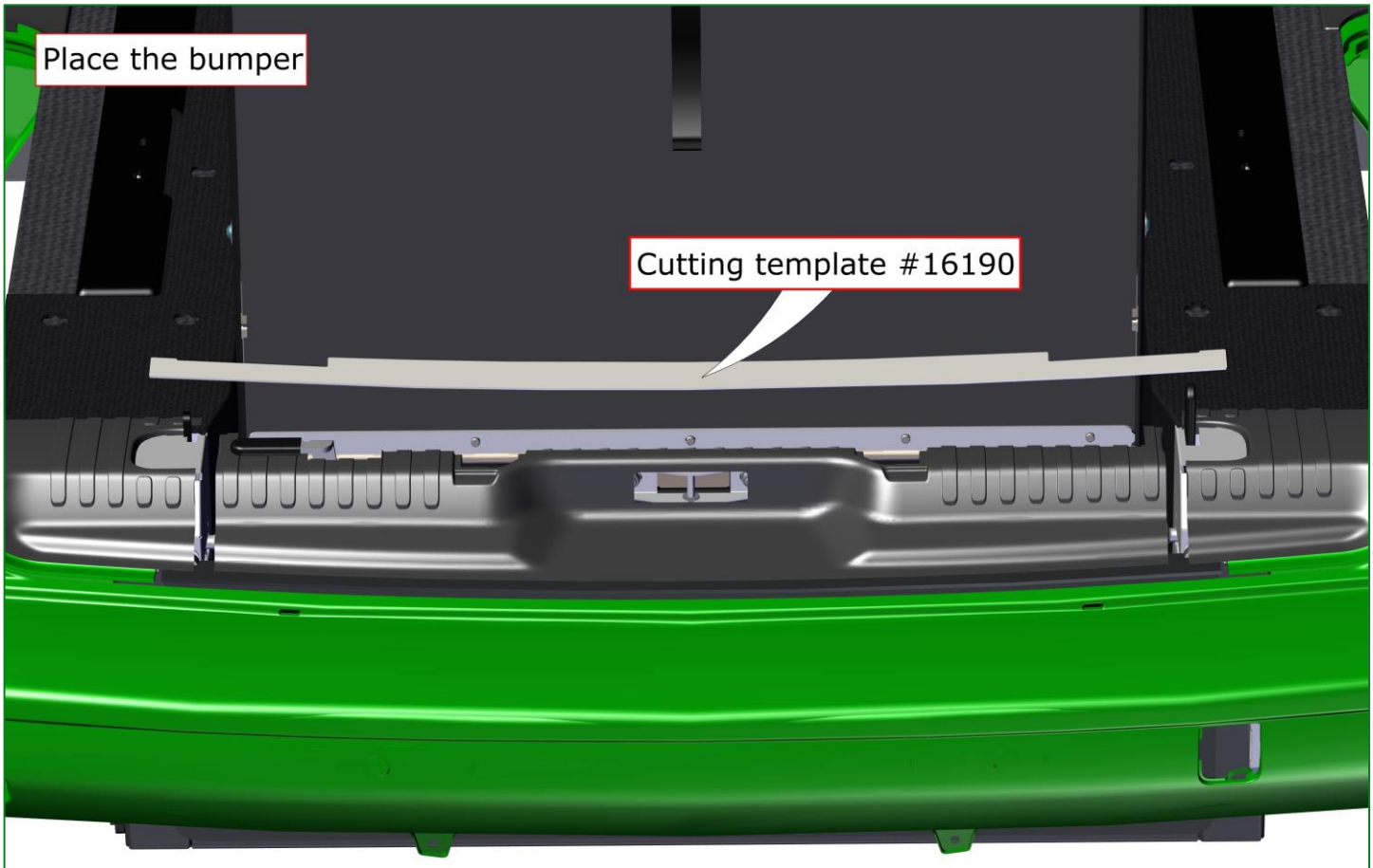


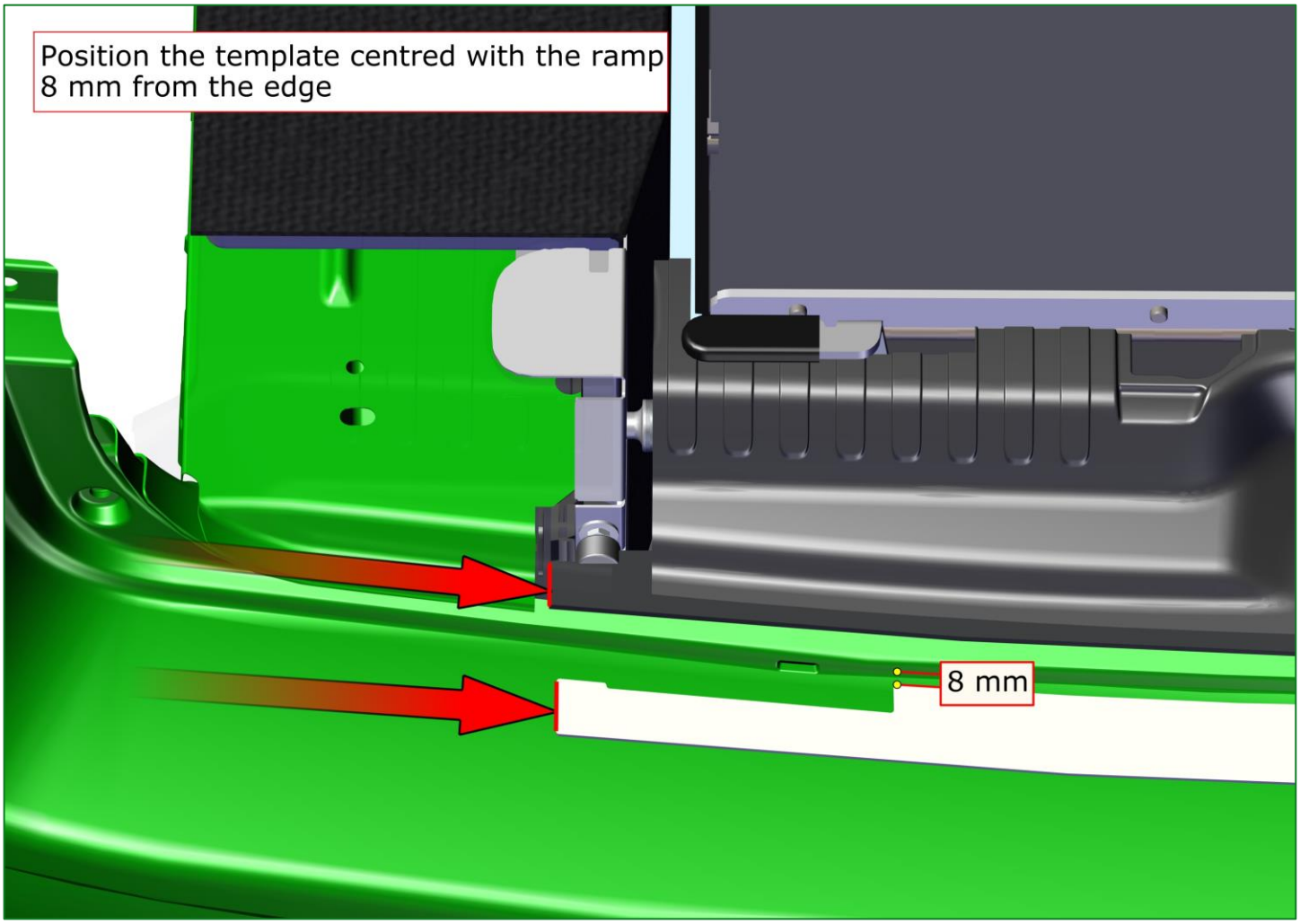

Laagbolkopflensschroef M6x30 - A2-70

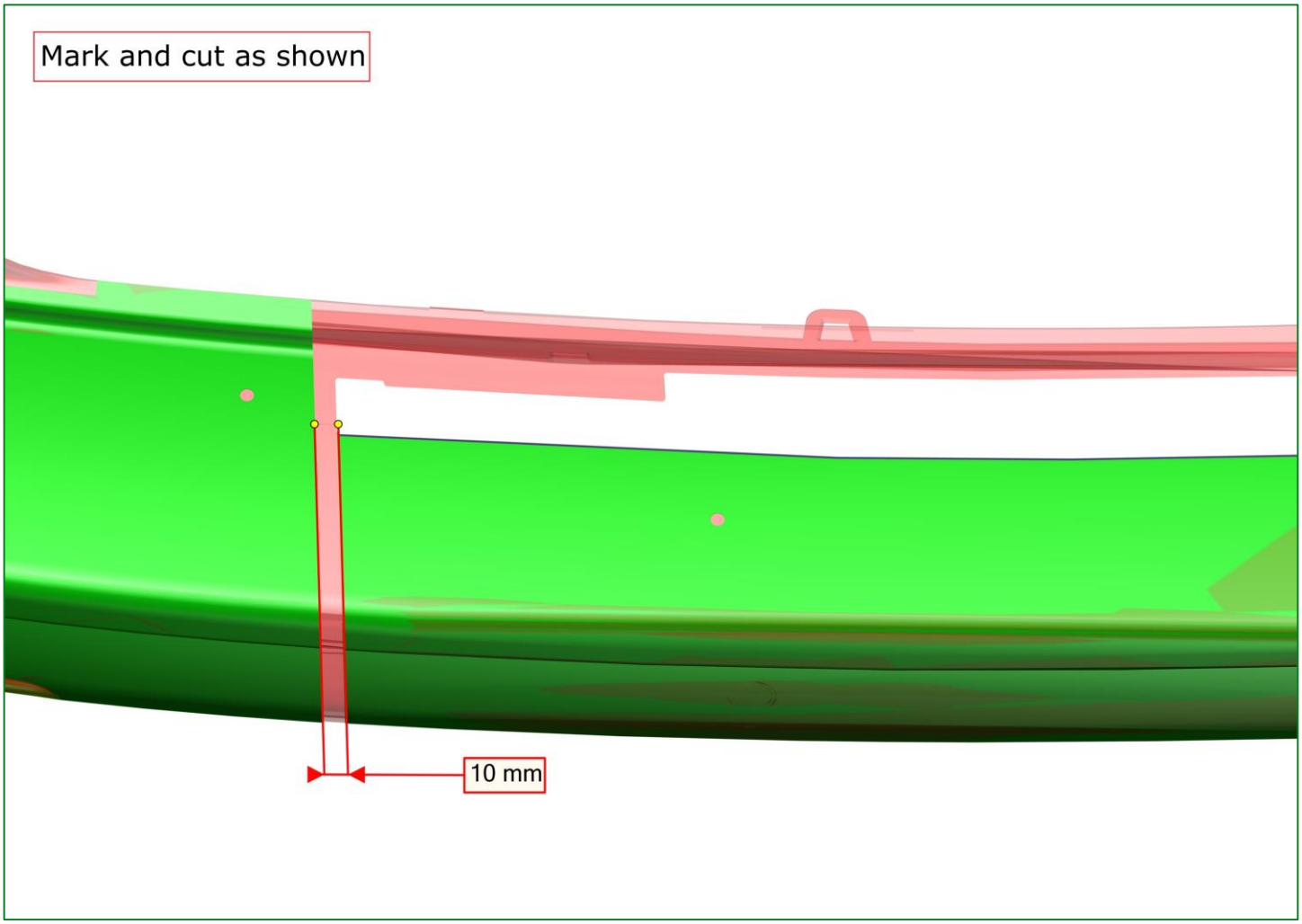


Place the bumper

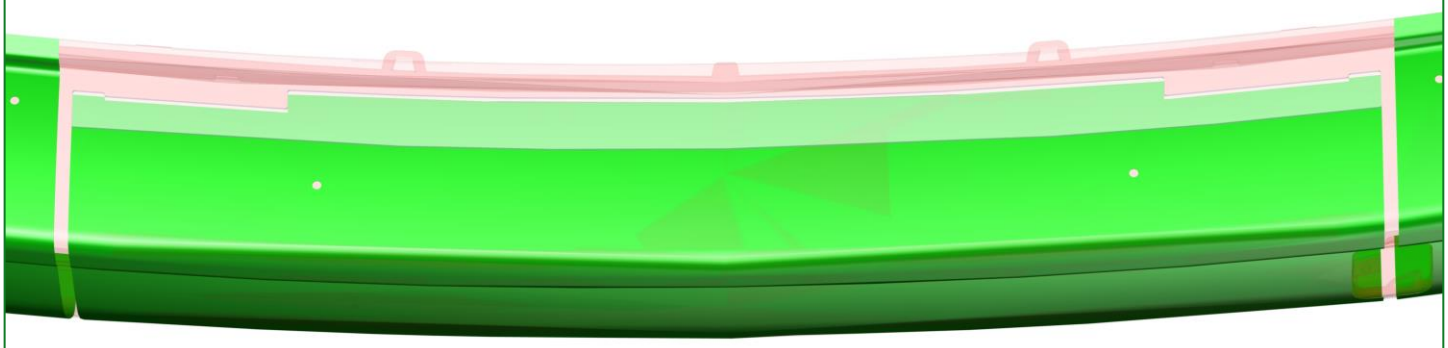
Place the bumper



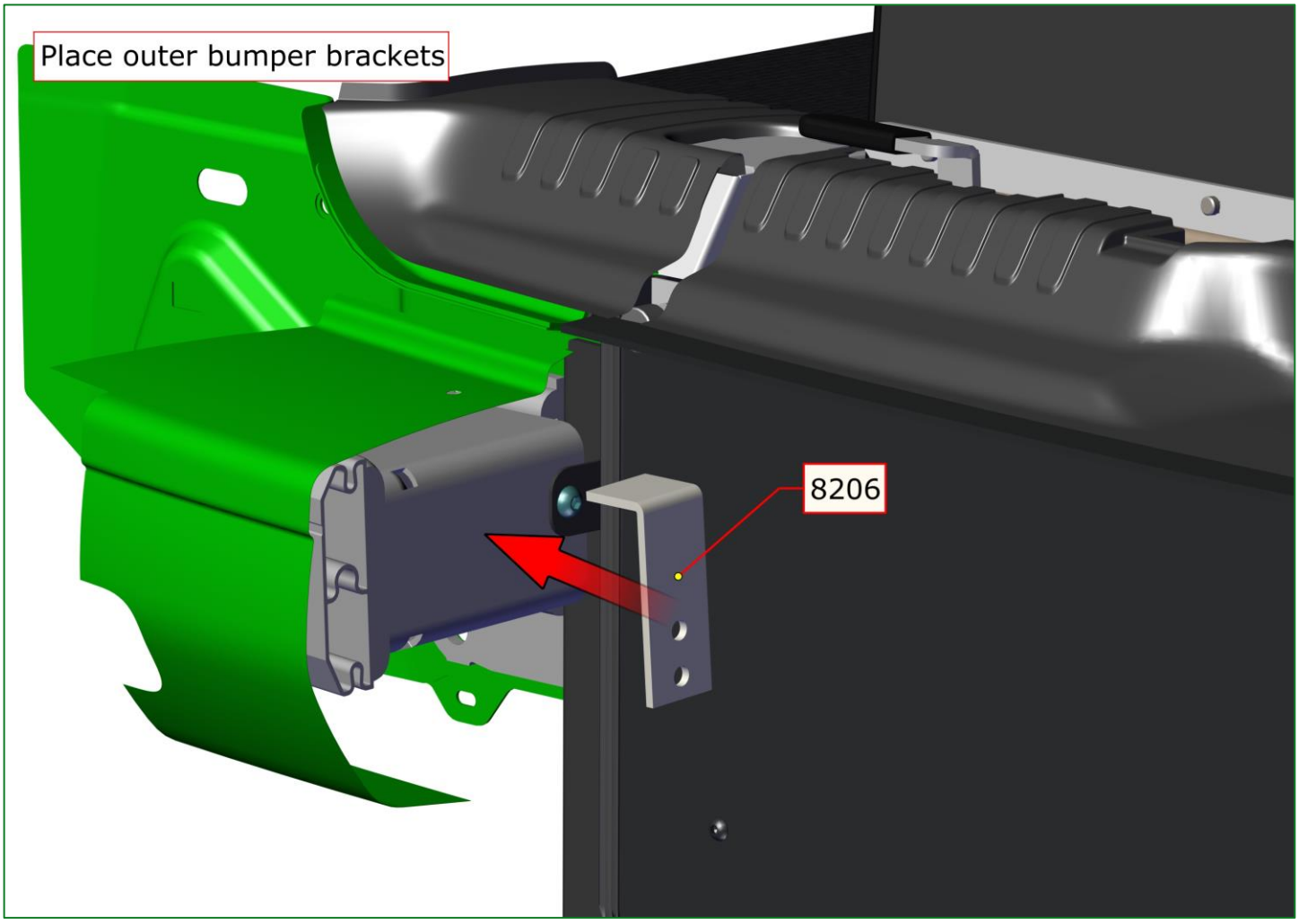

Position the template centred with the ramp
8 mm from the edge
8 mm


Mark and cut as shown
10 mm

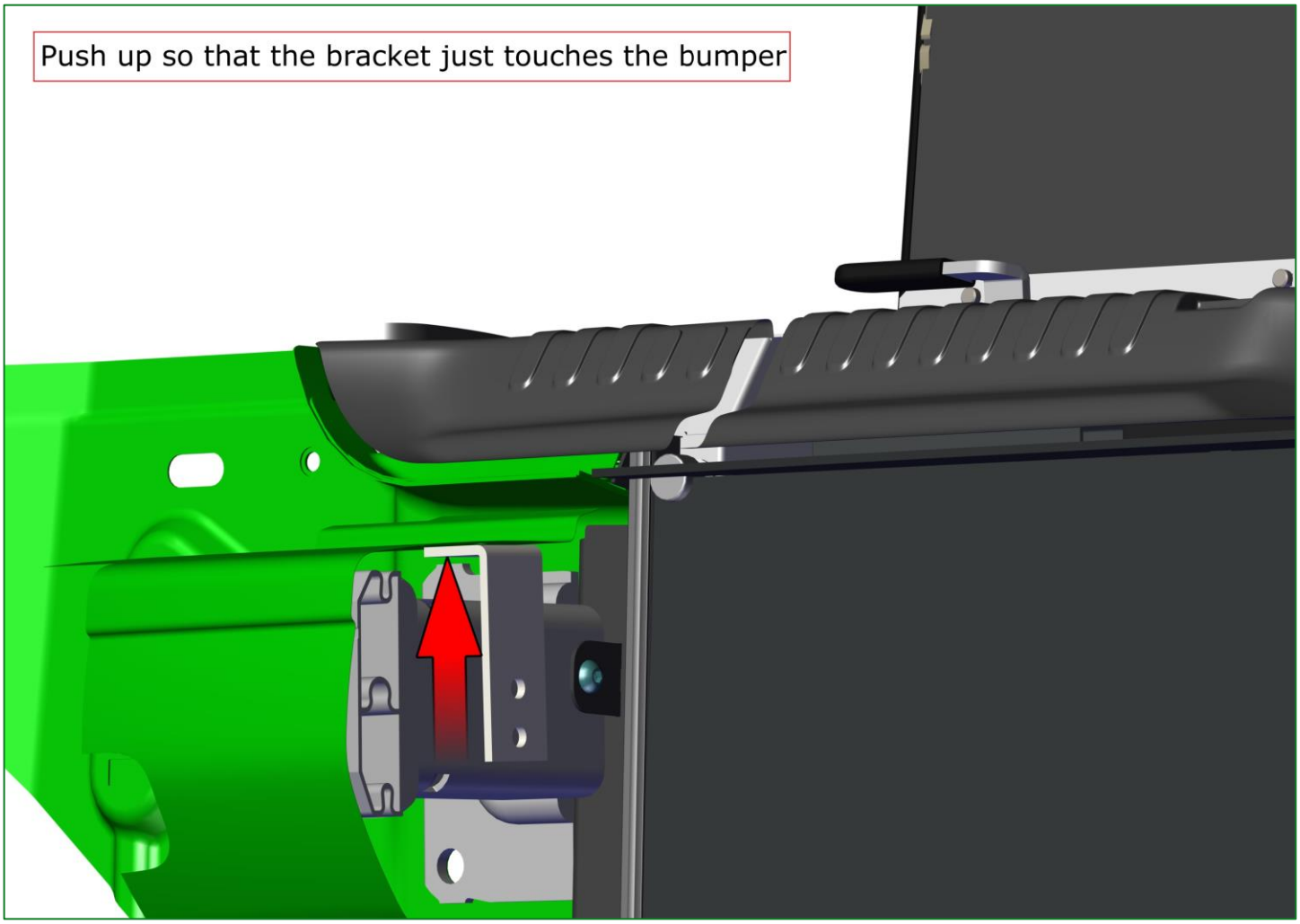
Mark and cut as shown



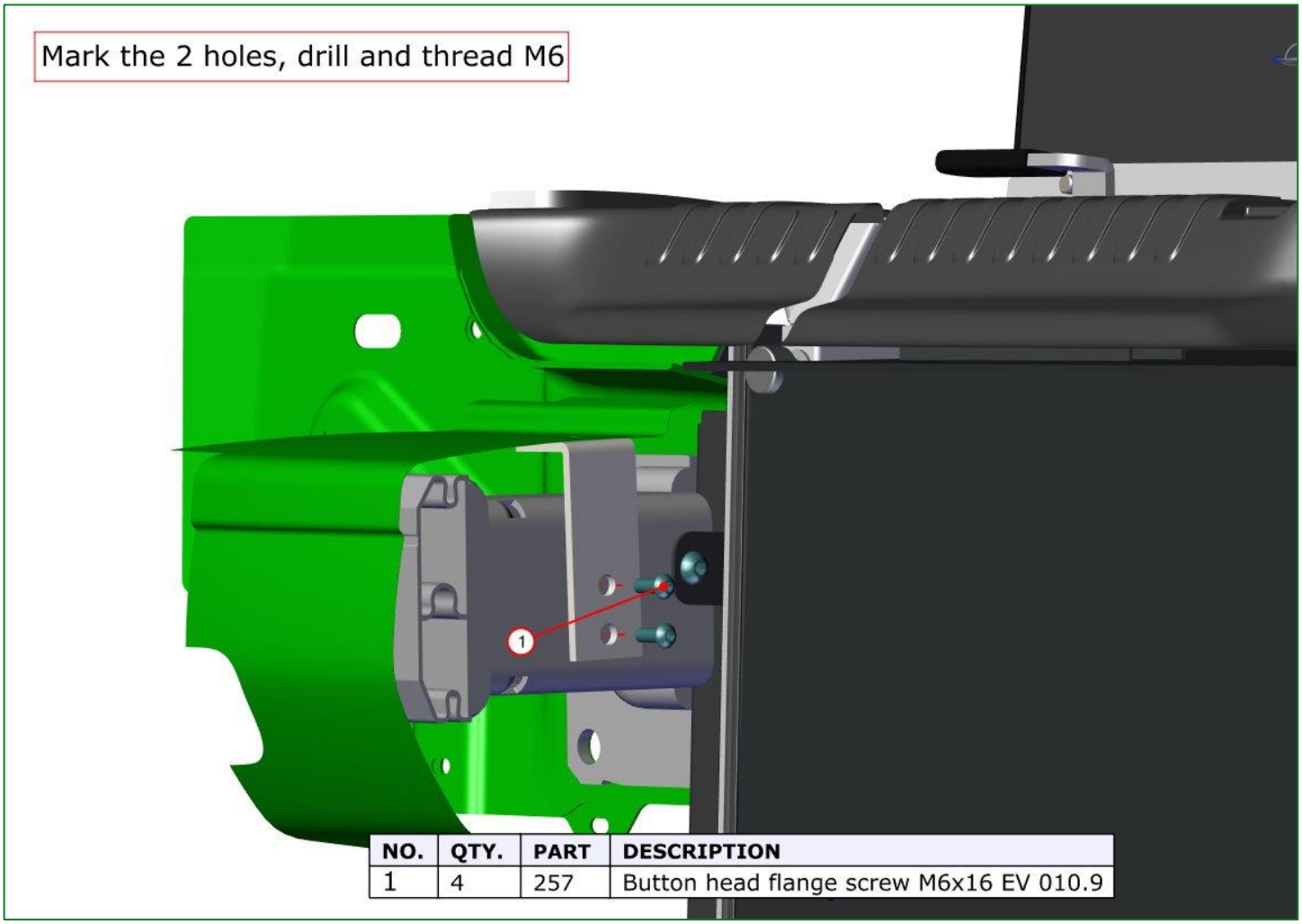
Place outer bumper brackets



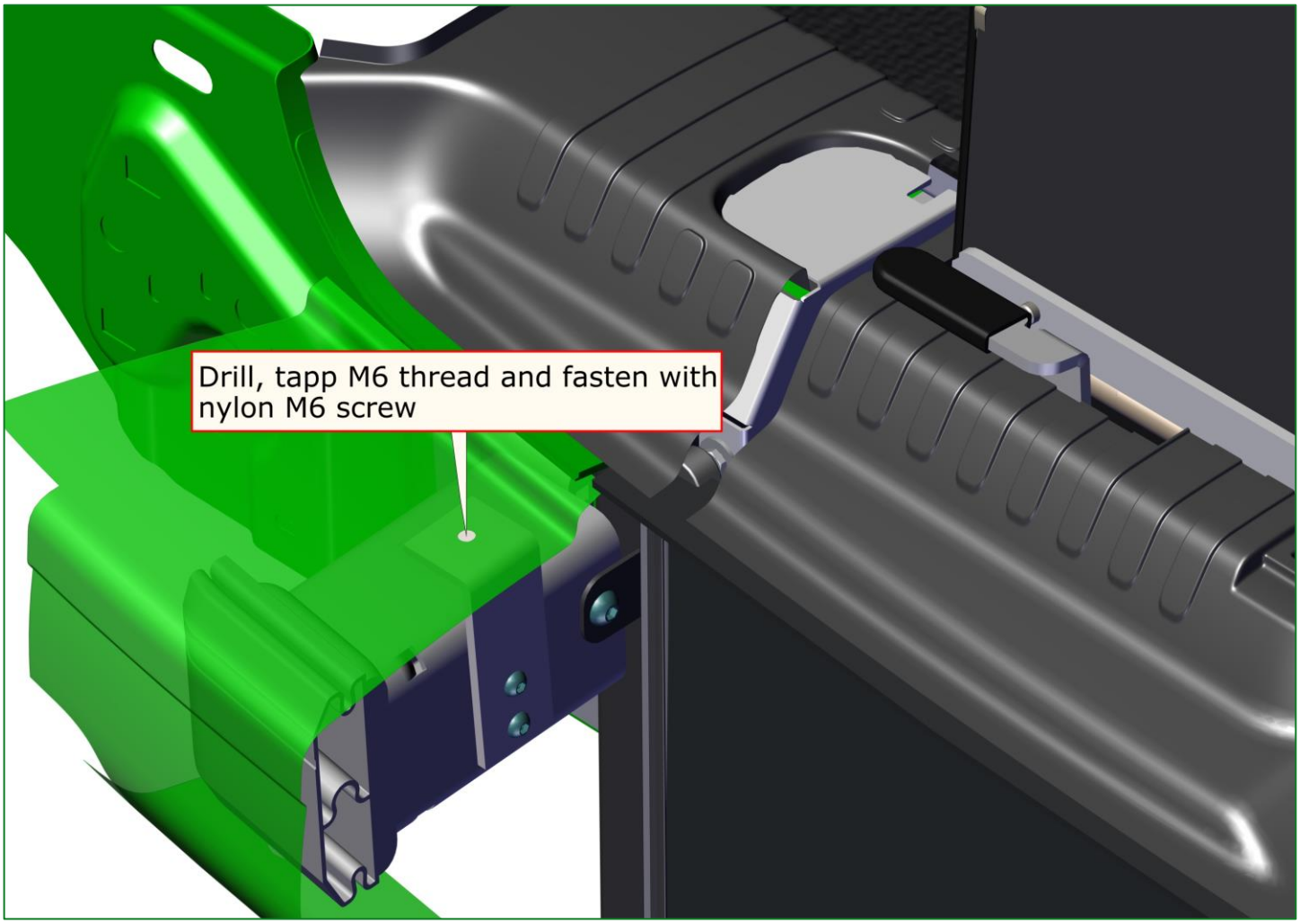
Push up so that the bracket just touches the bumper

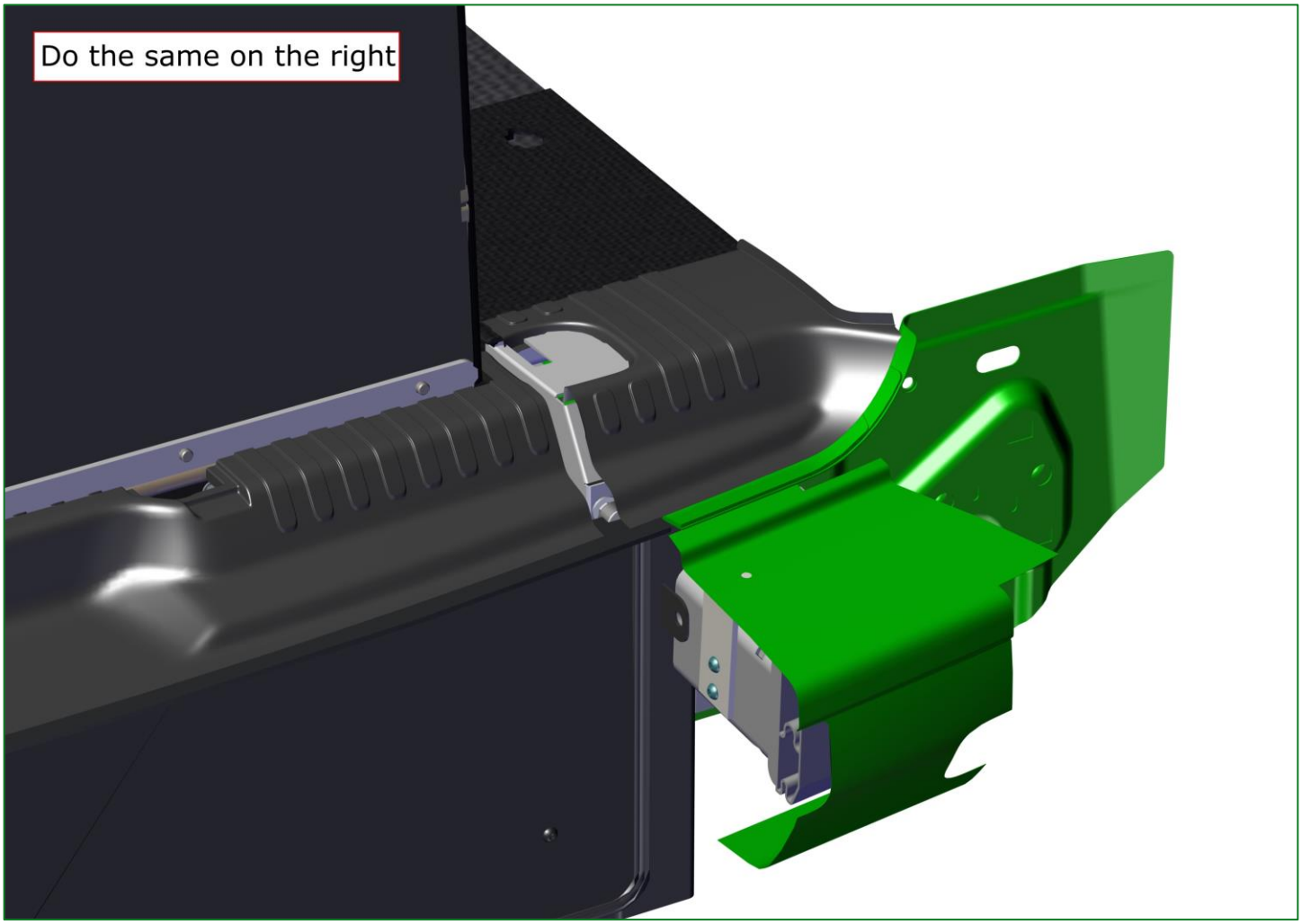


Mark the 2 holes, drill and thread M6

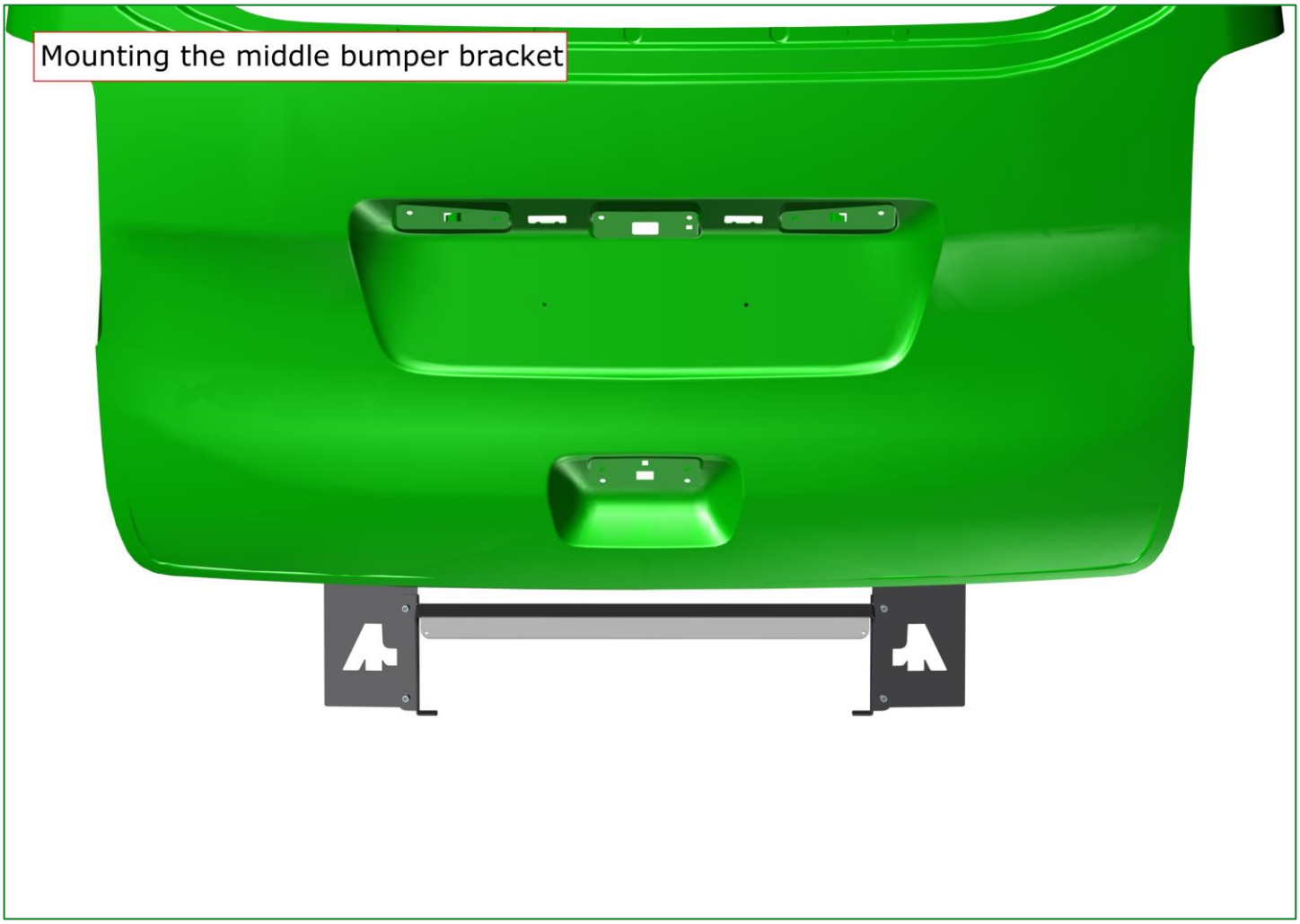


NO.	QTY.	PART	DESCRIPTION
1	4	257	Button head flange screw M6x16 EV 010.9

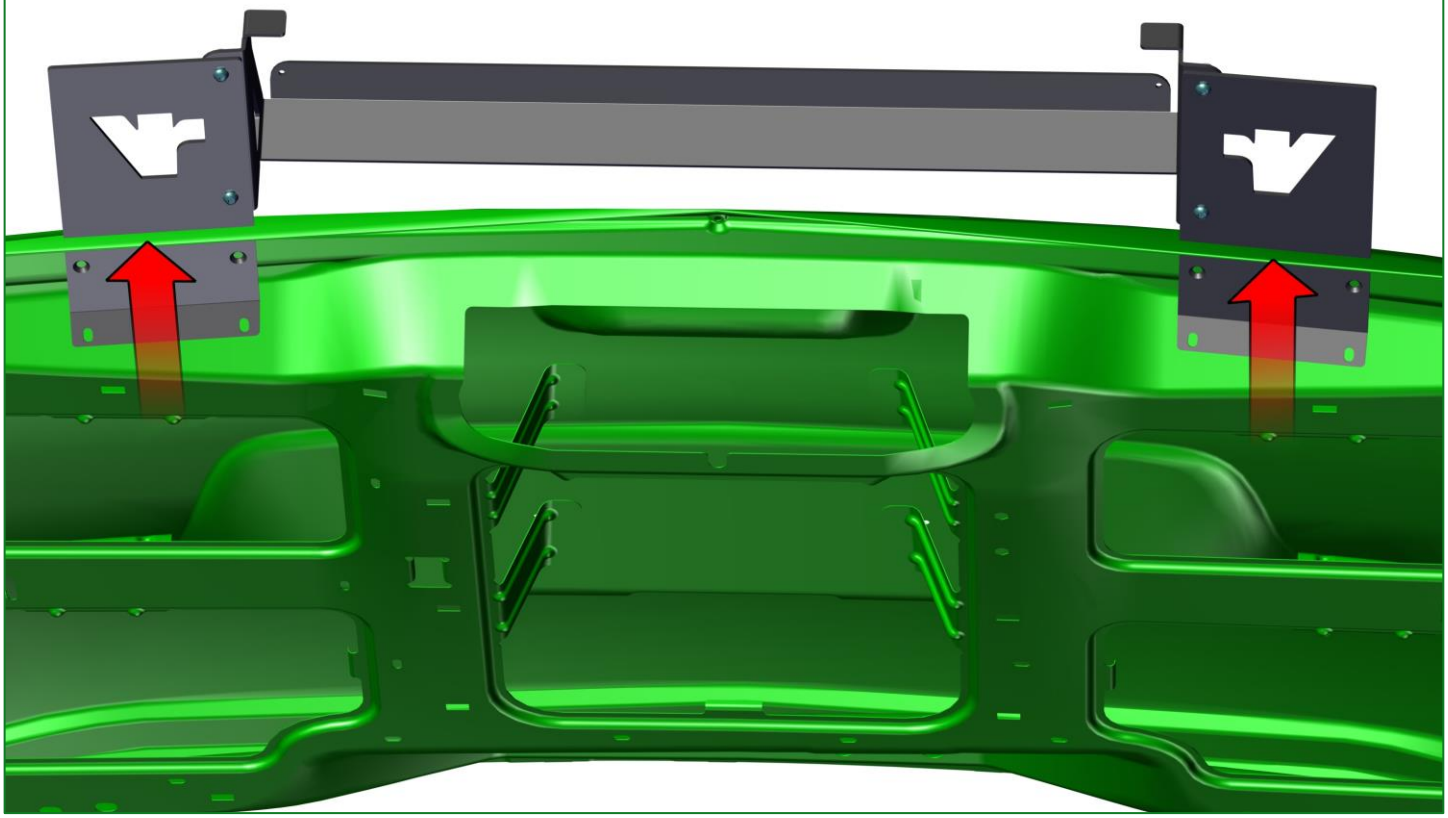

Drill, tapp M6 thread and fasten with nylon M6 screw

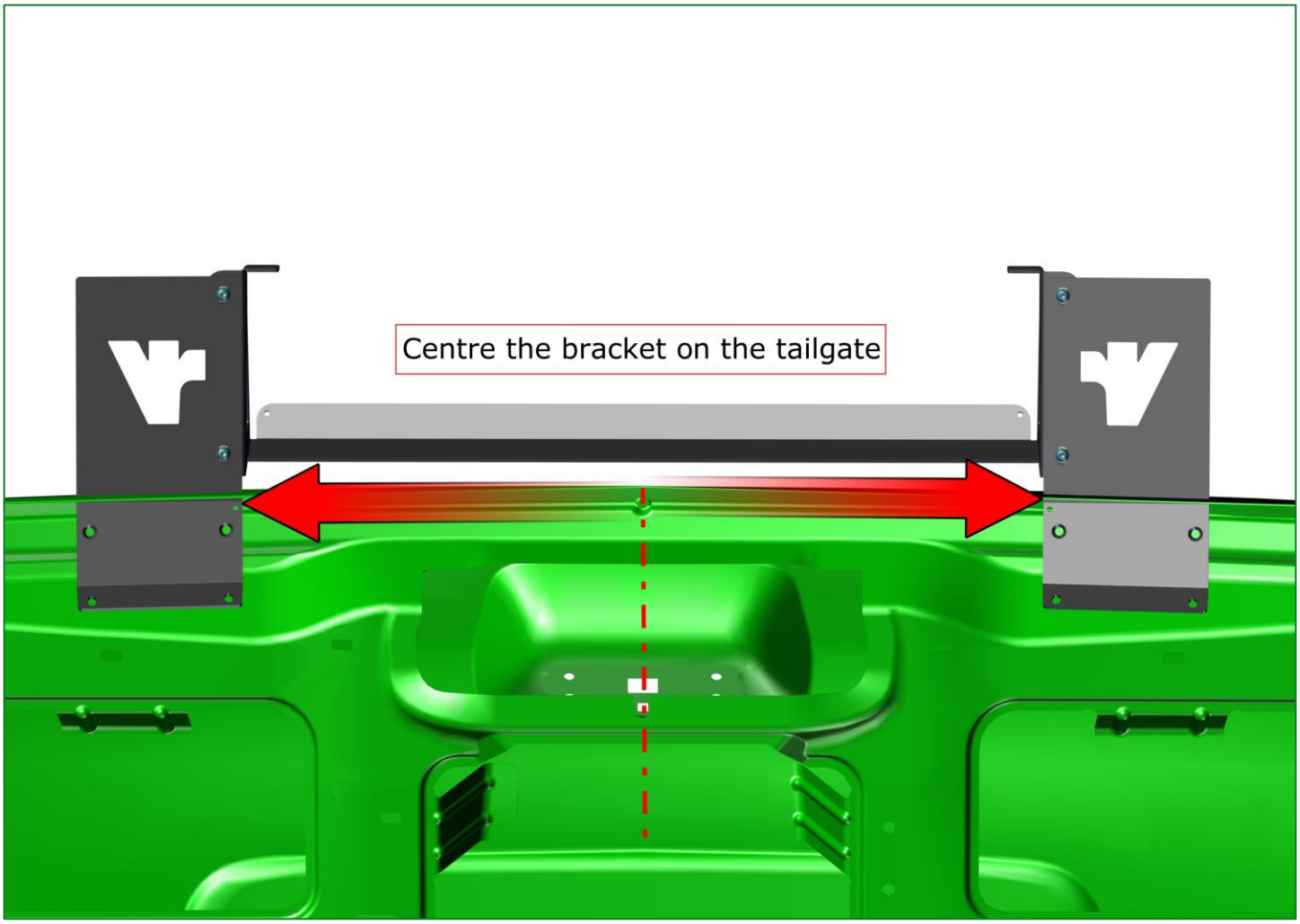

Do the same on the right

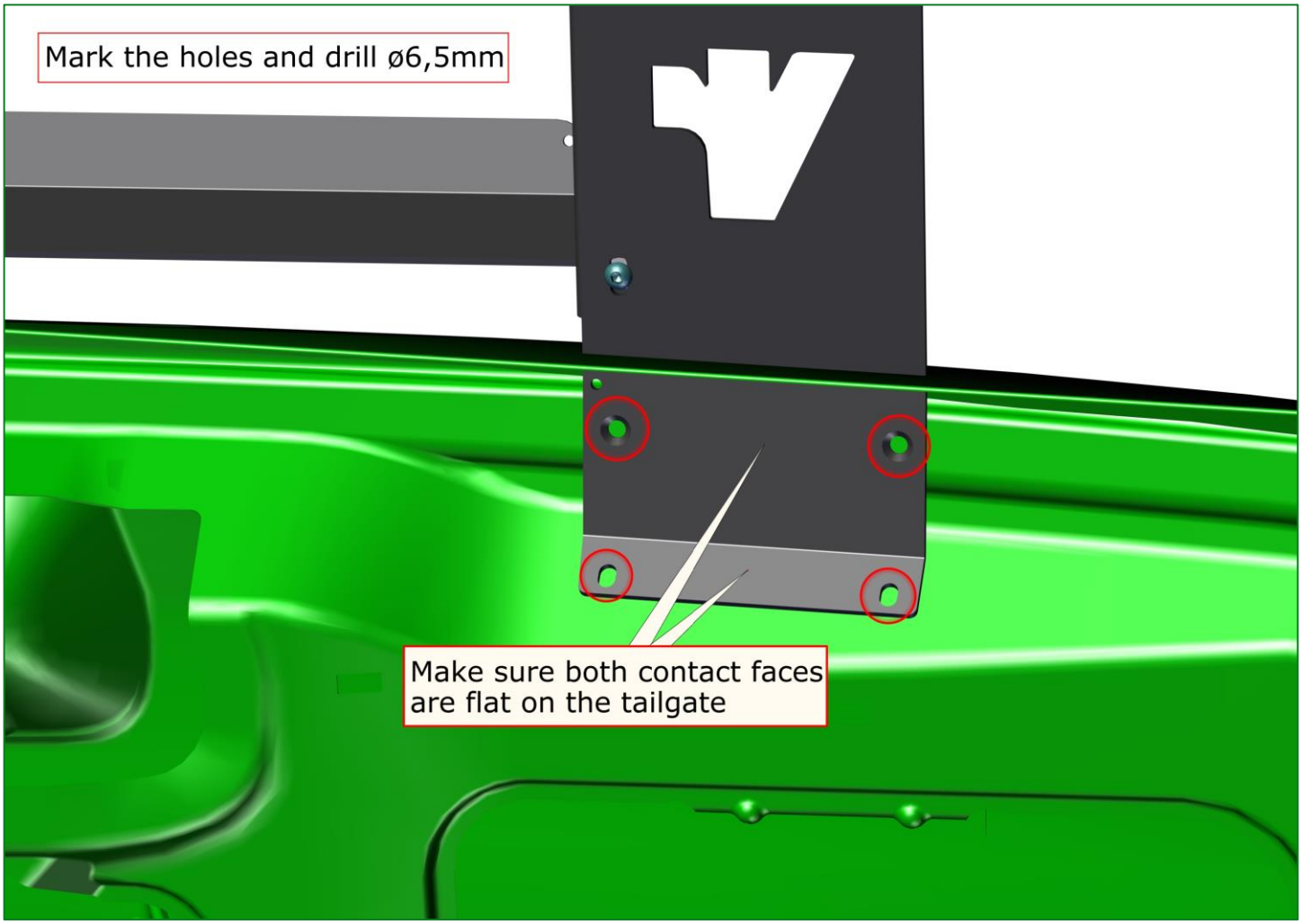
Mounting the middle bumper bracket

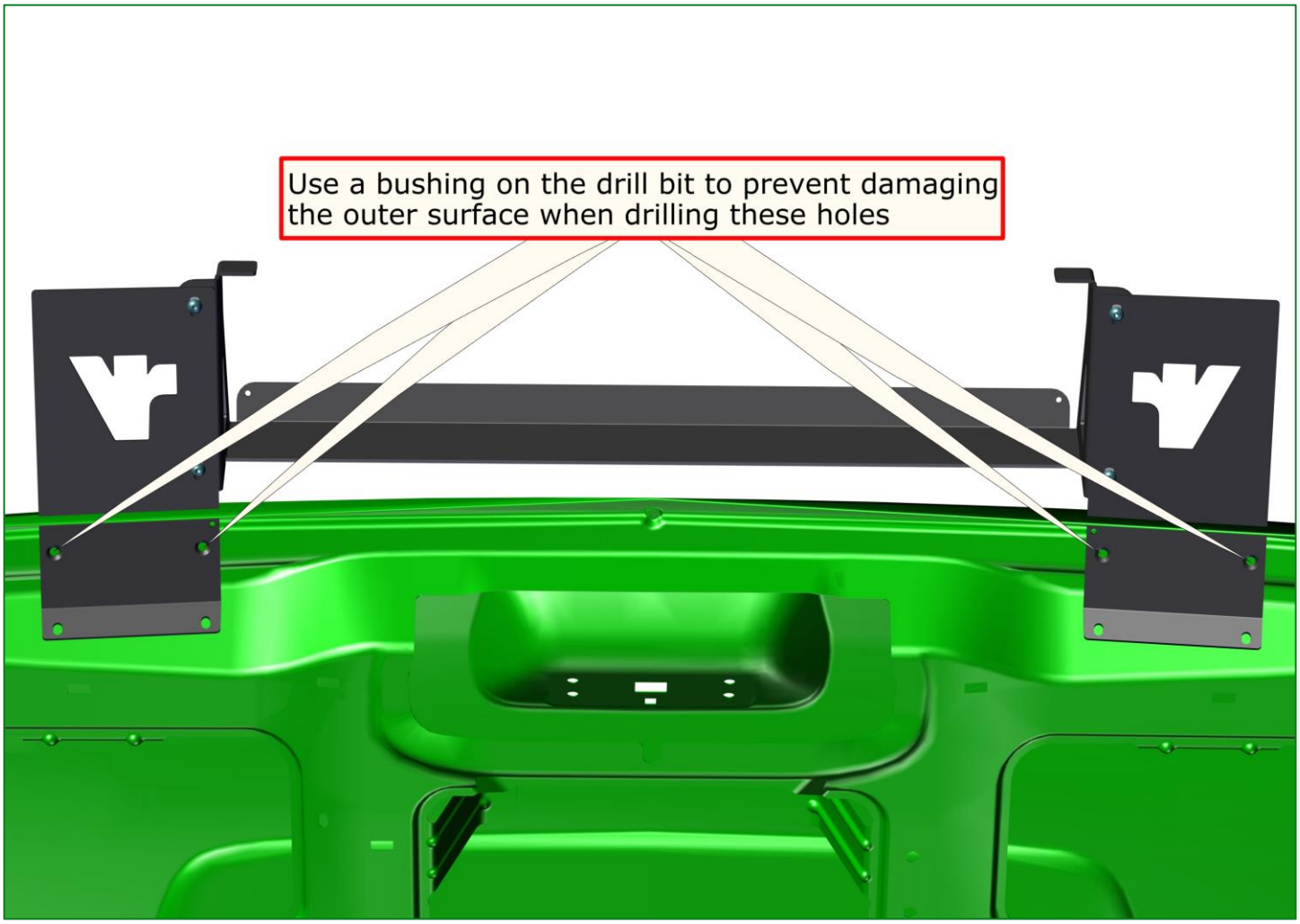


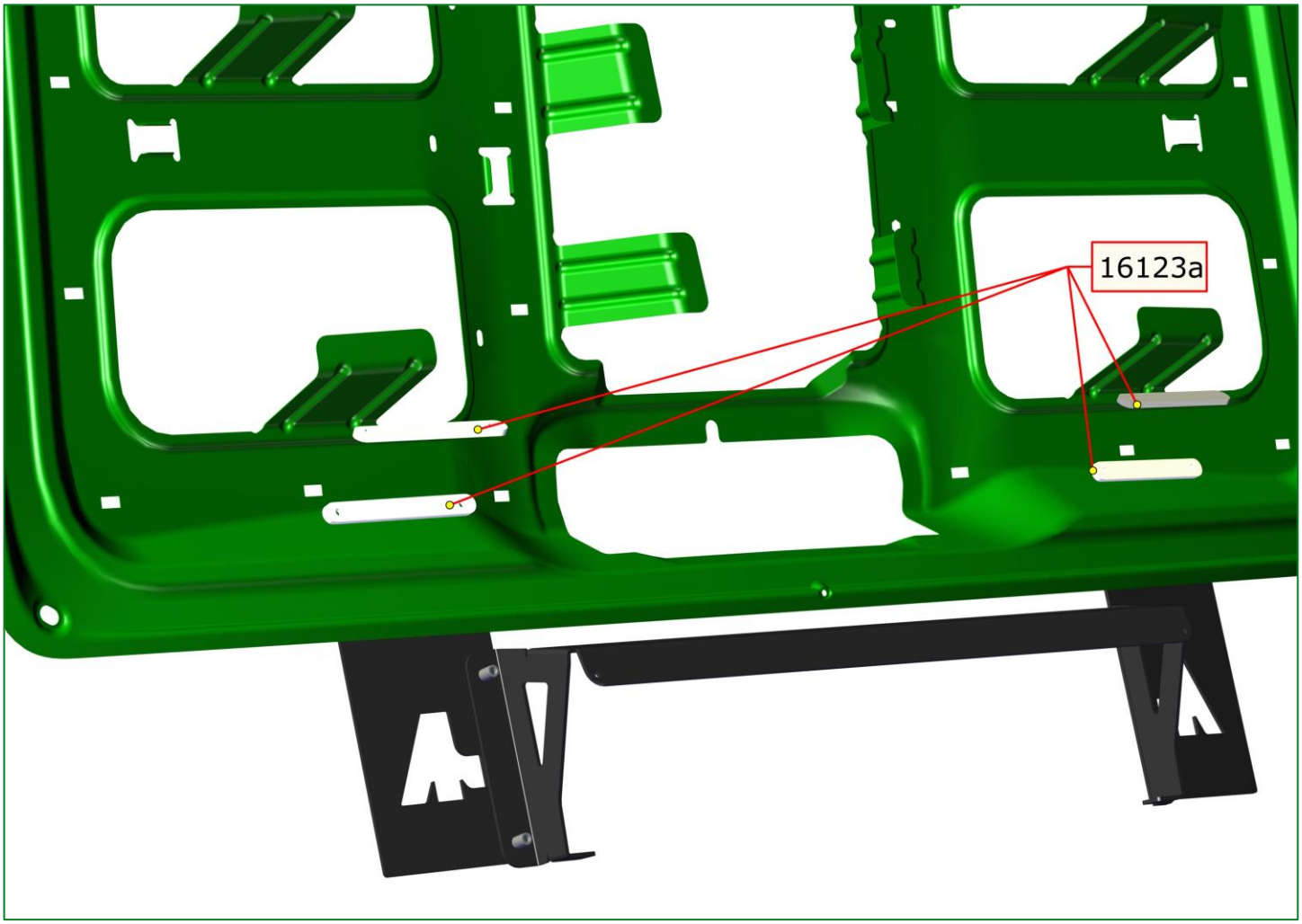
Pictured tailgate differs slightly from reality

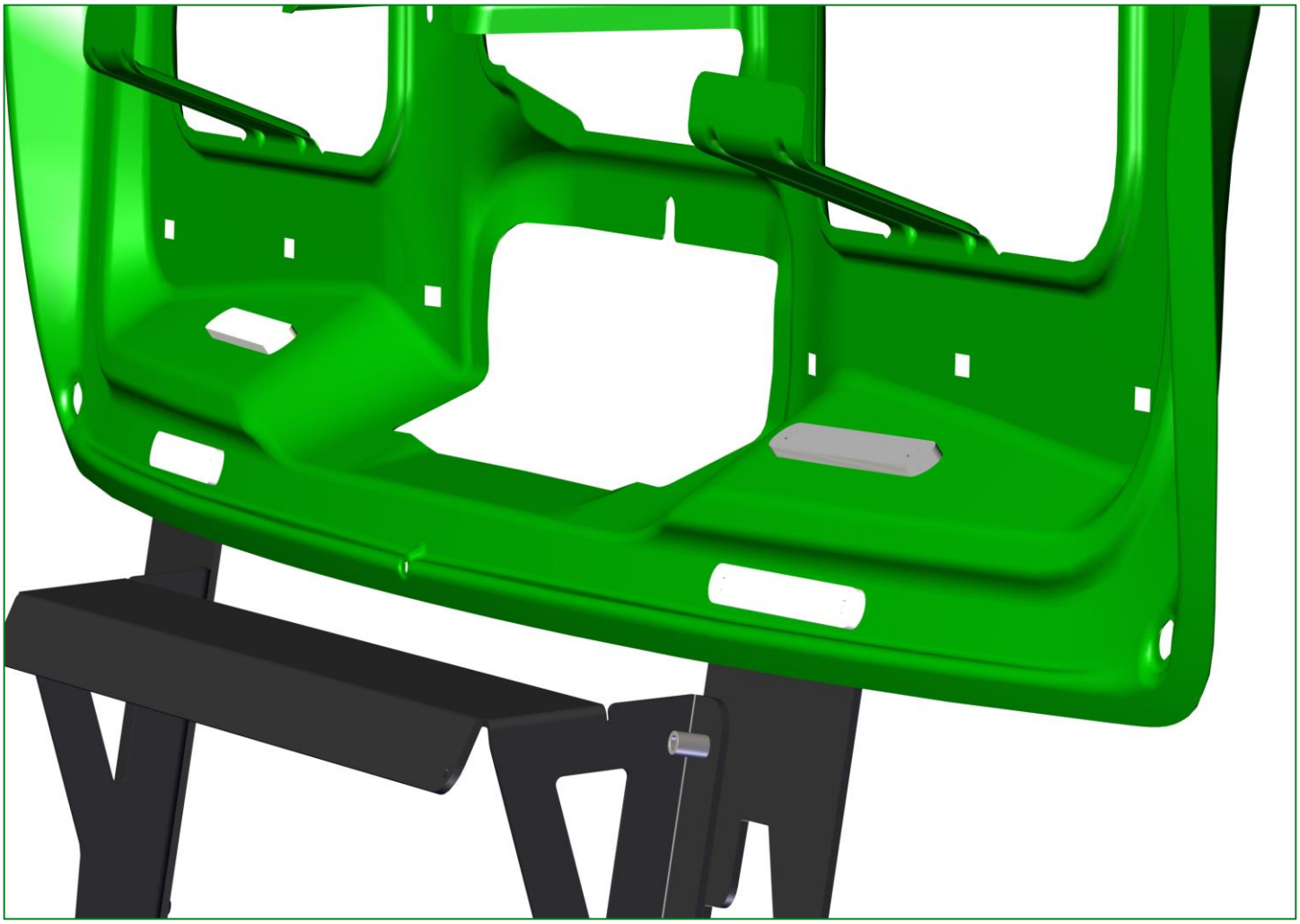


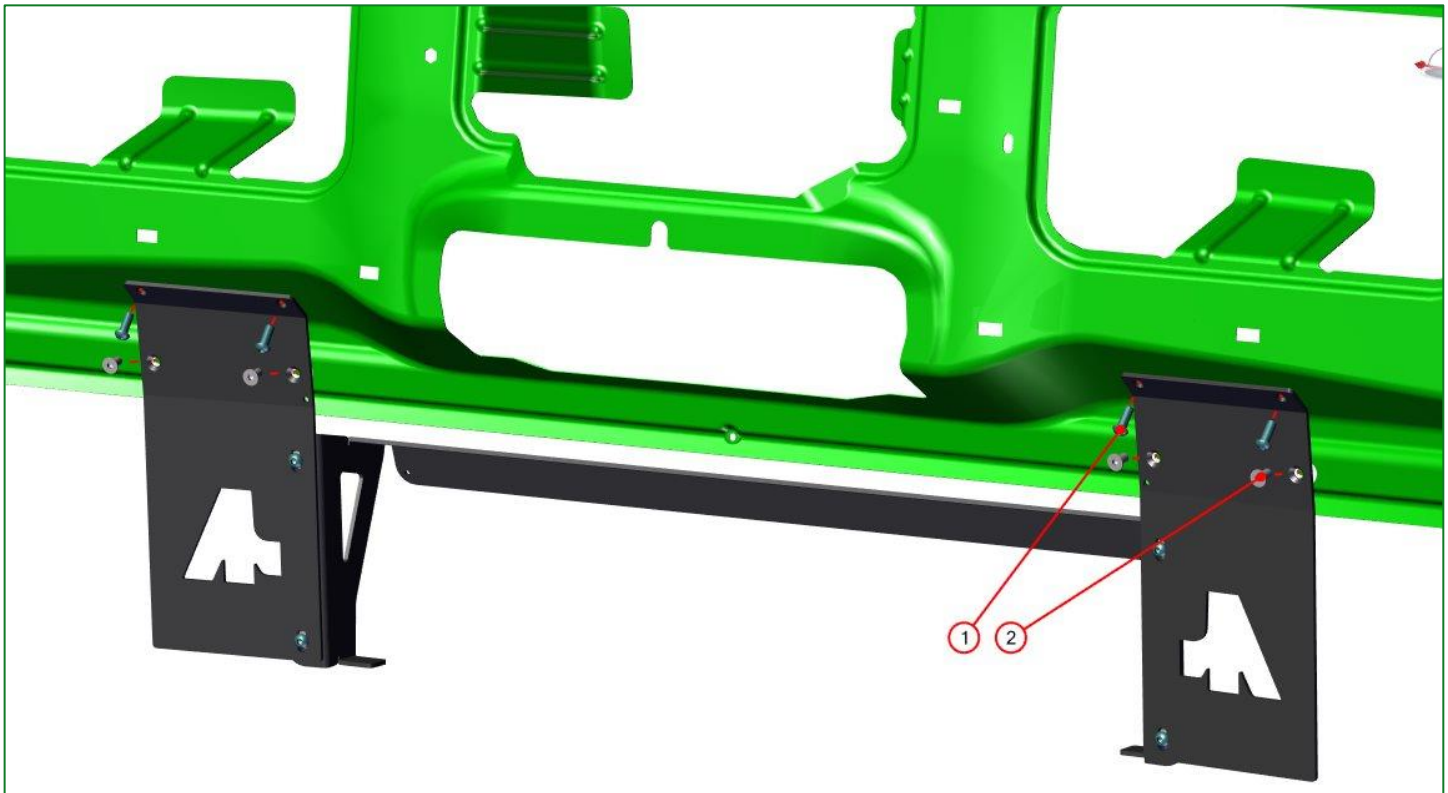

Centre the bracket on the tailgate


Mark the holes and drill ø6,5mm
Make sure both contact faces
are flat on the tailgate

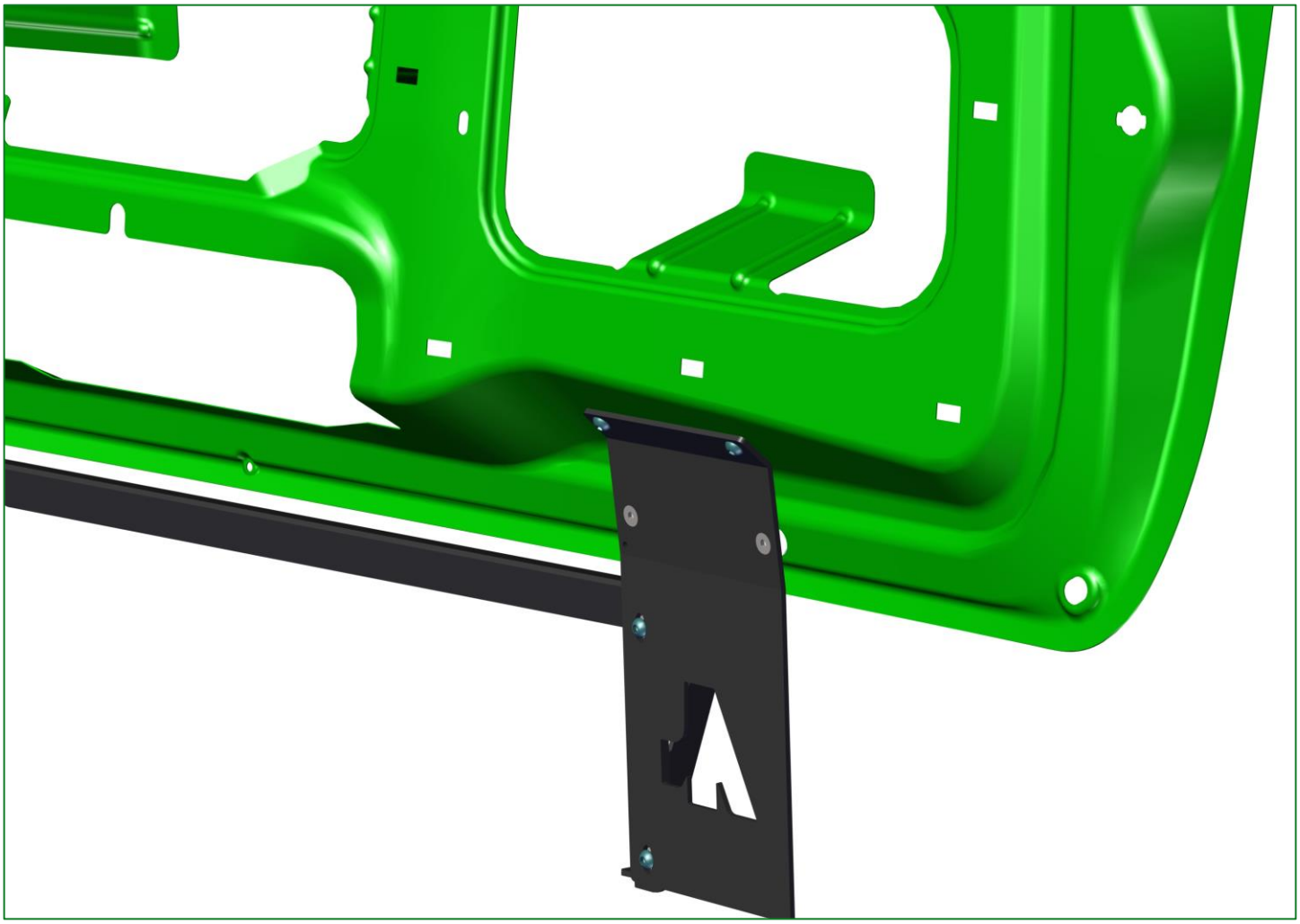

Use a bushing on the drill bit to prevent damaging the outer surface when drilling these holes

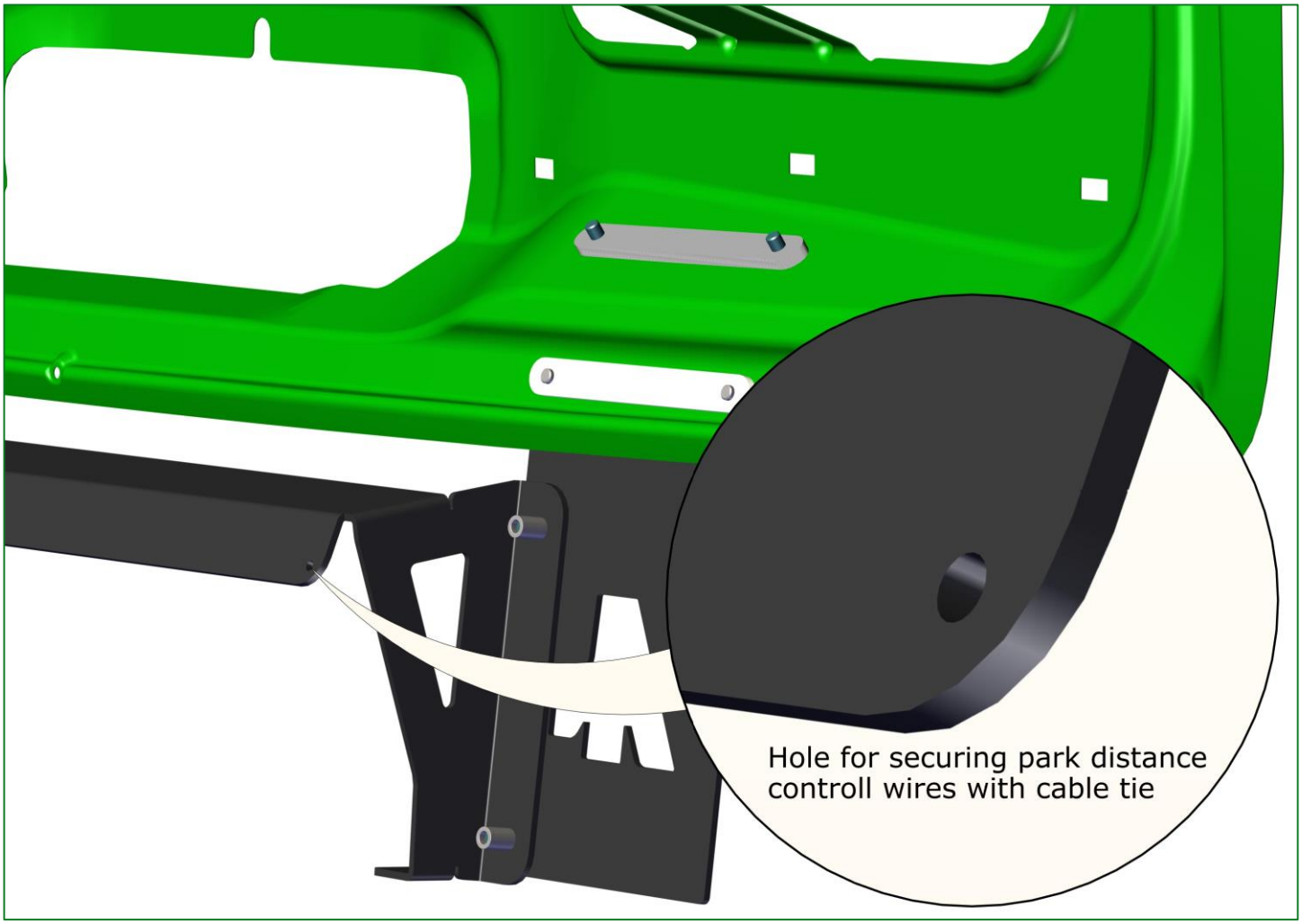

16123a



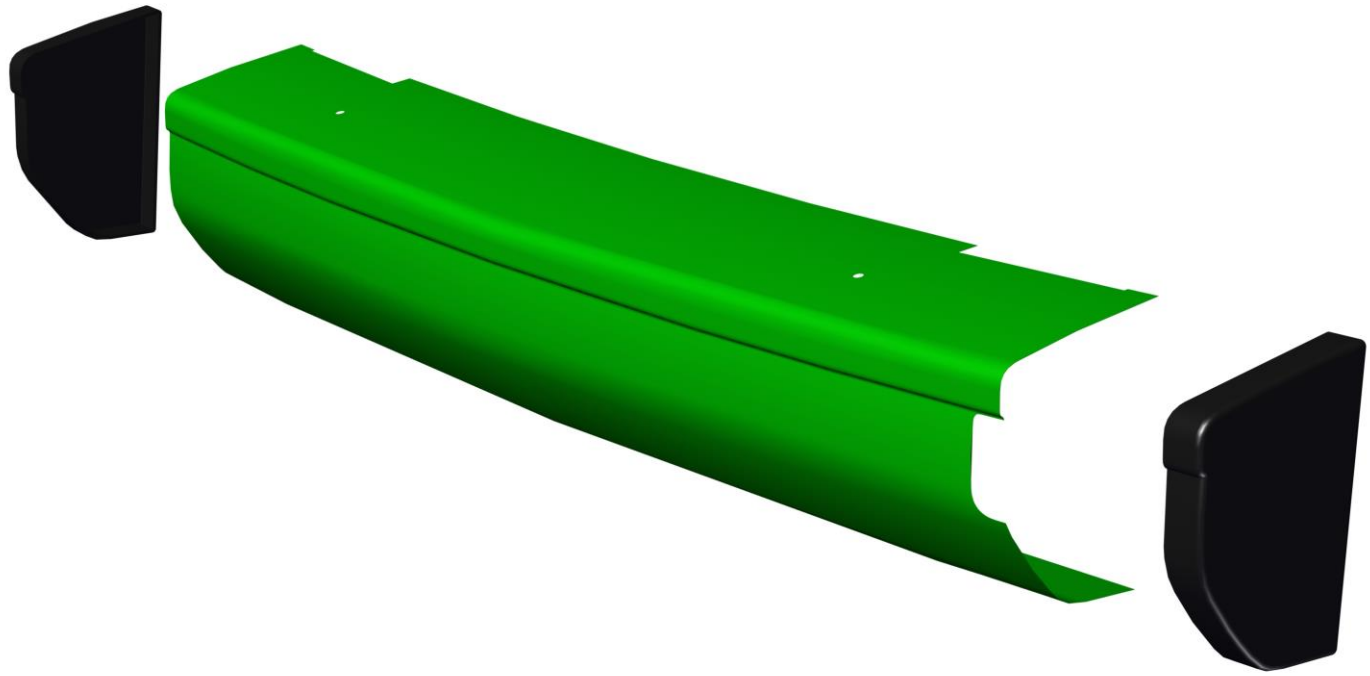


NO.	QTY.	PART	DESCRIPTION
2	4	4652	Flush bolt EV M6x12 08.8
1	4	257	Button head flange screw M6x16 EV 010.9



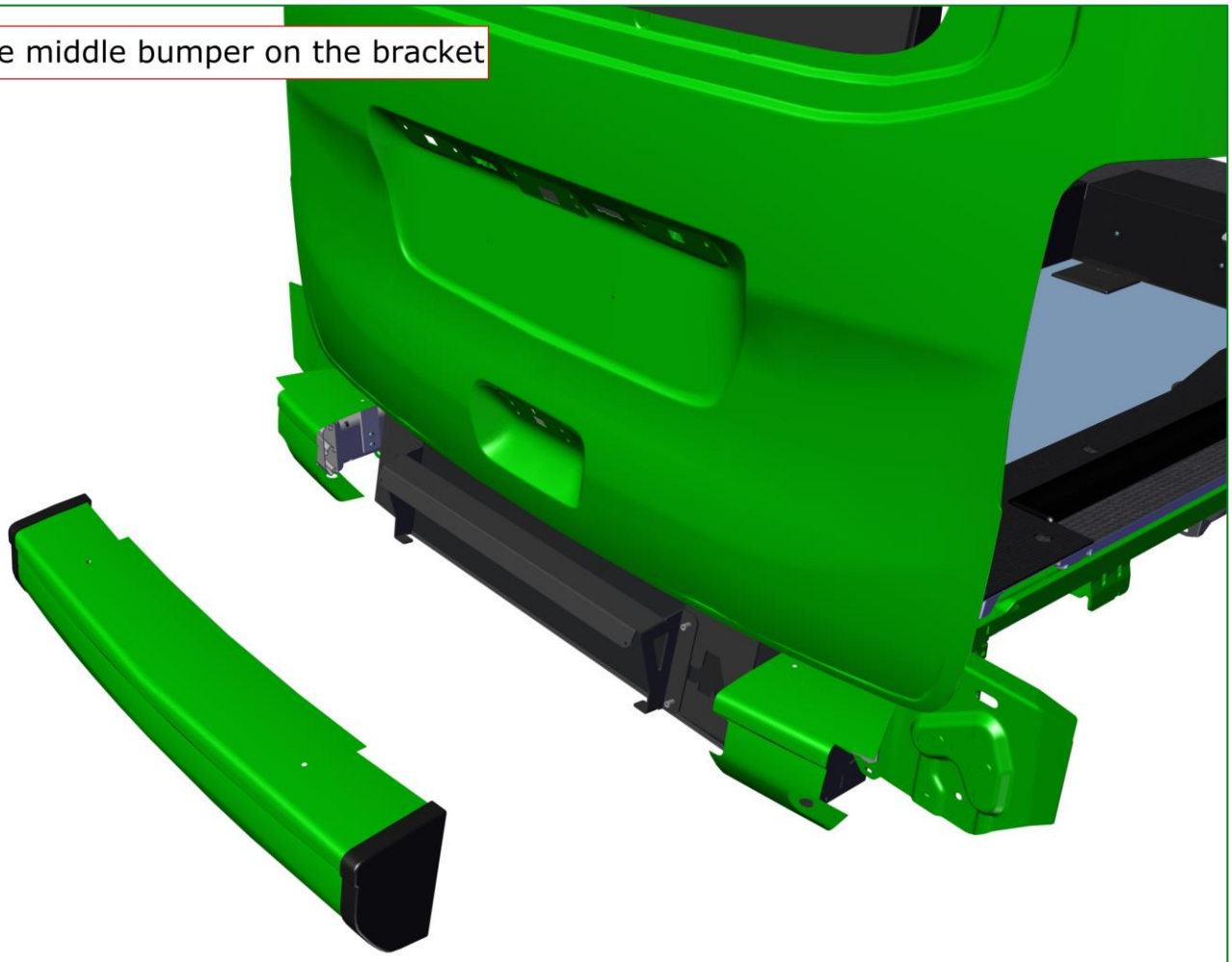

Hole for securing park distance
controll wires with cable tie

Install the middle bumper covers with
5 black nylon rivets

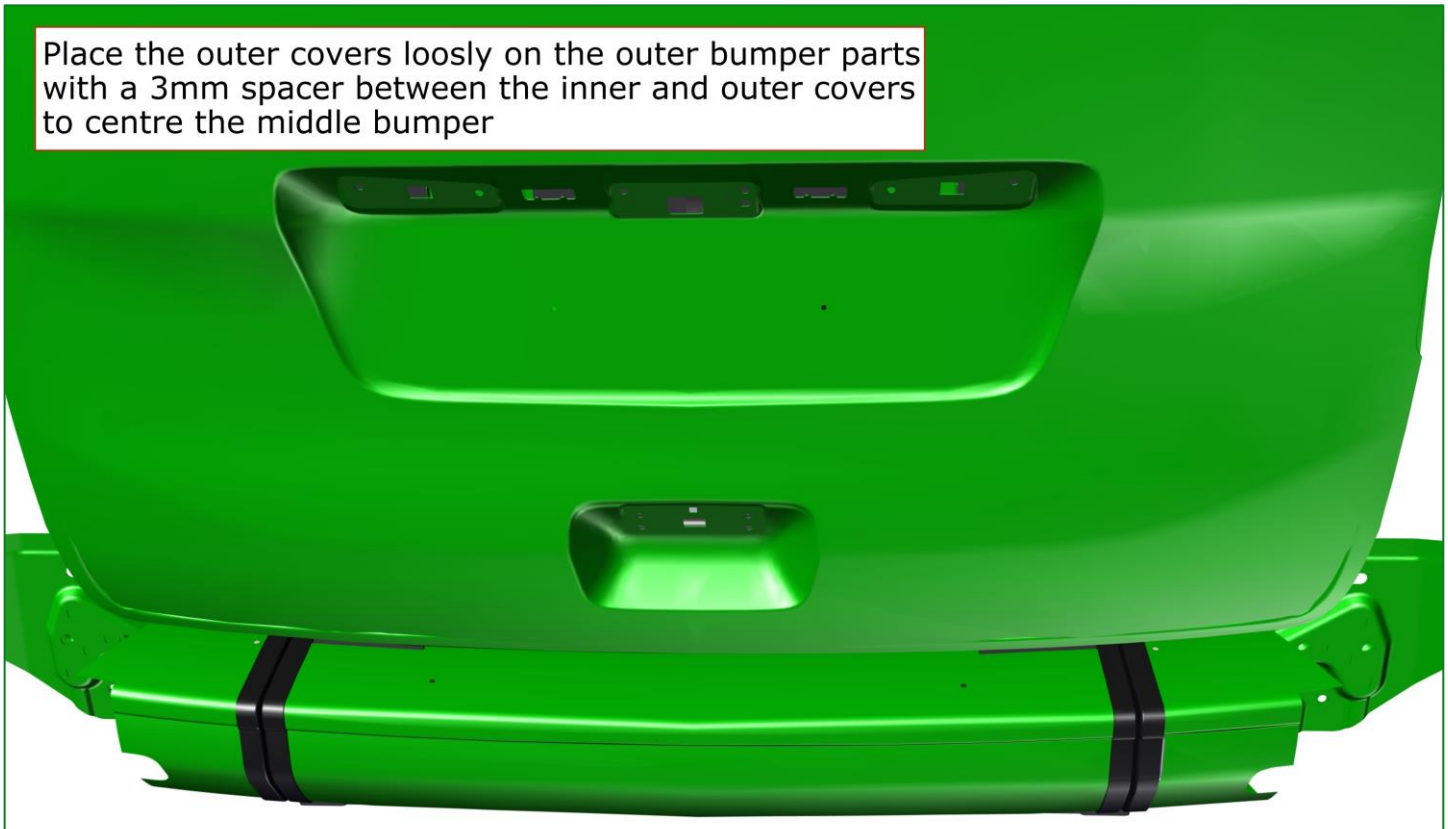


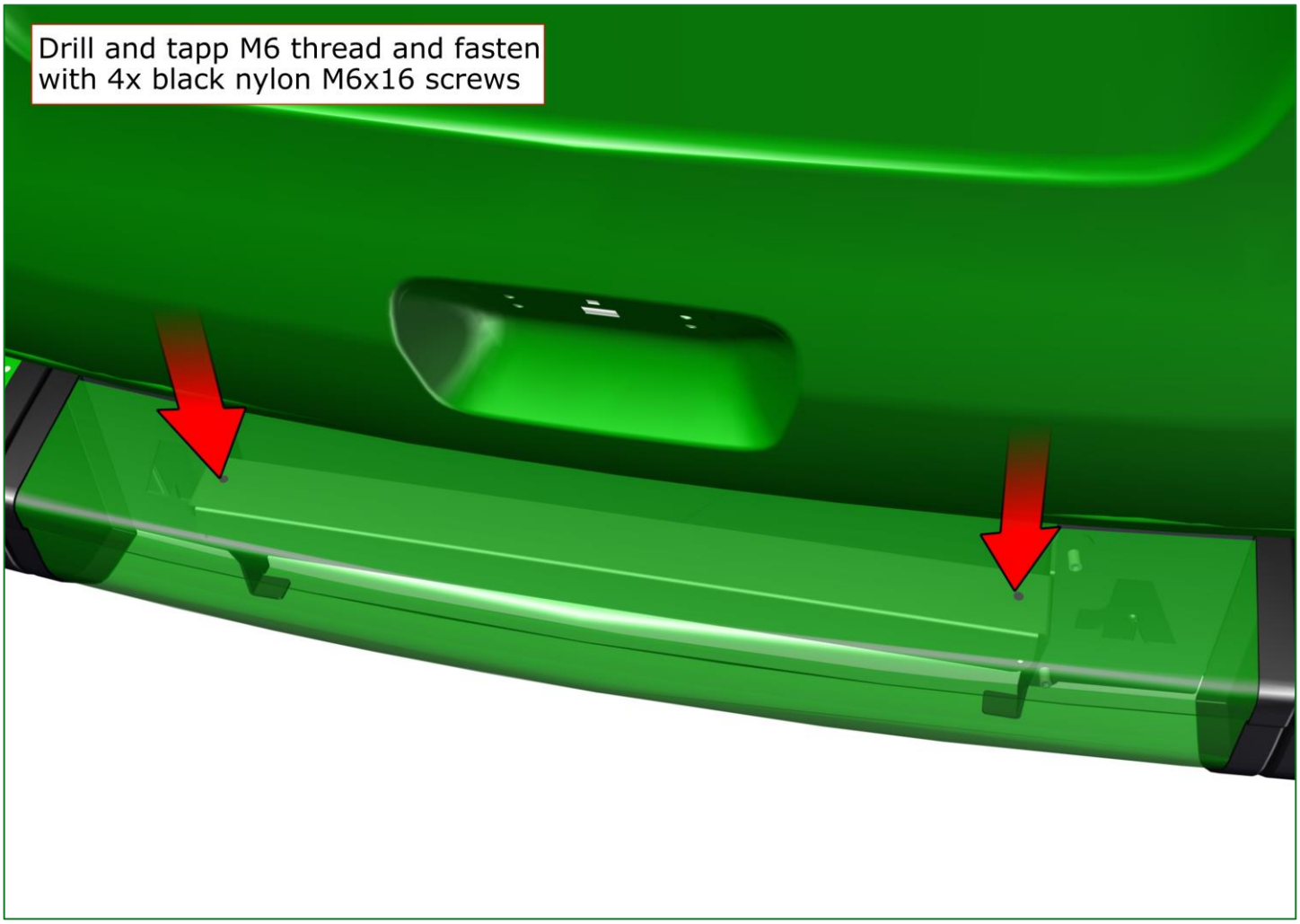
Install the middle bumper covers with
5 black nylon rivets each

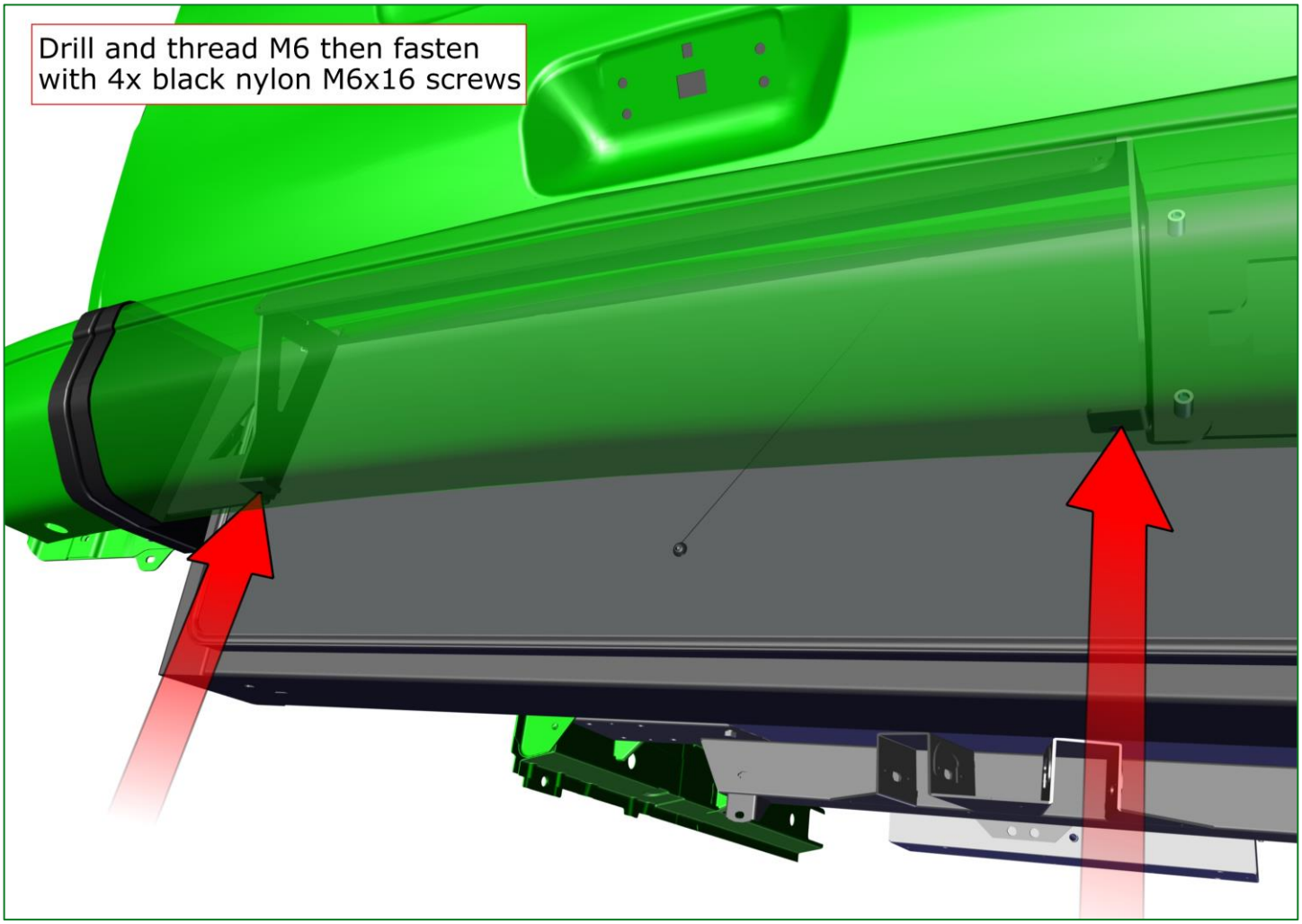
Place the middle bumper on the bracket



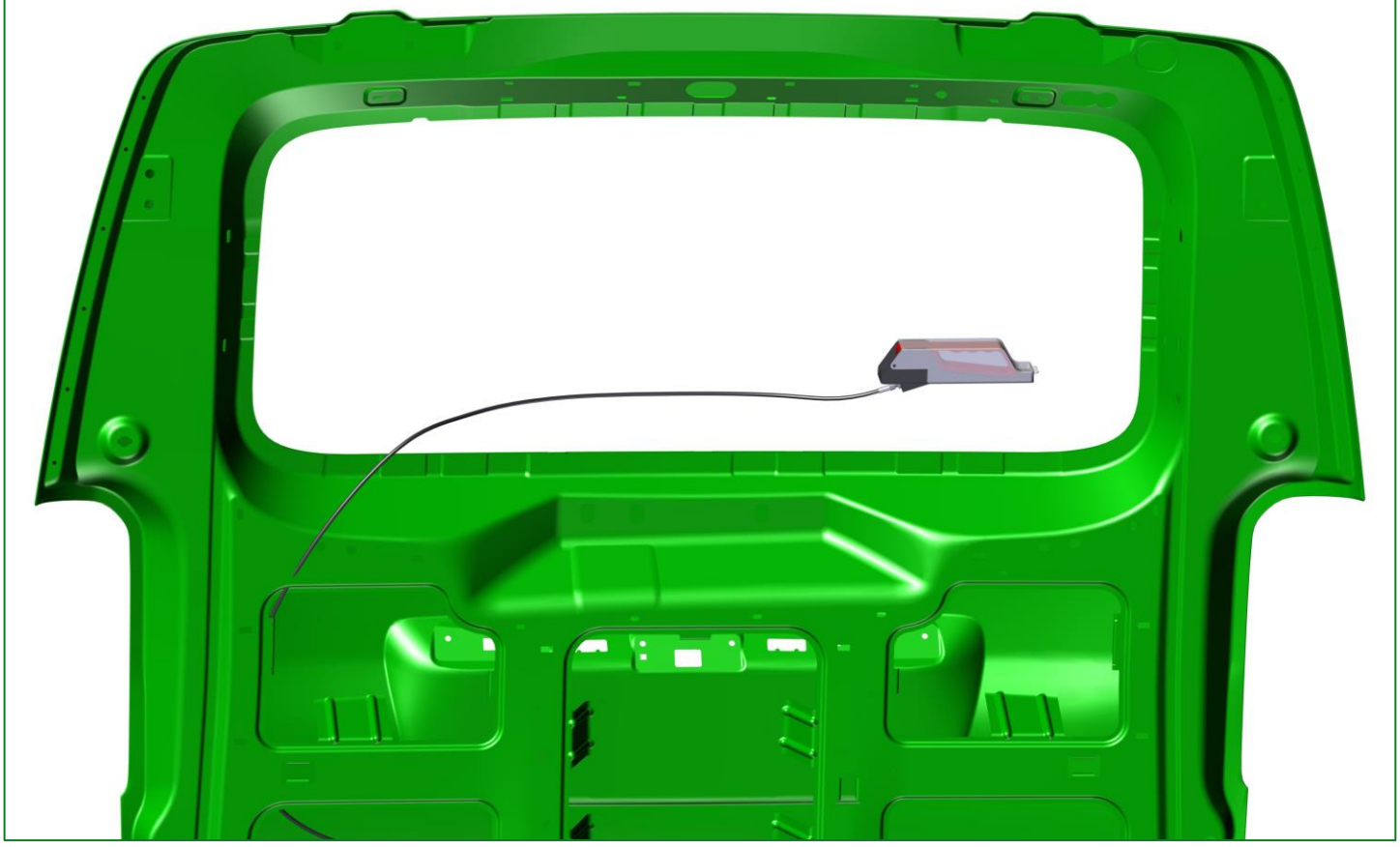
Place the outer covers loosly on the outer bumper parts with a 3mm spacer between the inner and outer covers to centre the middle bumper




Drill and tapp M6 thread and fasten
with 4x black nylon M6x16 screws

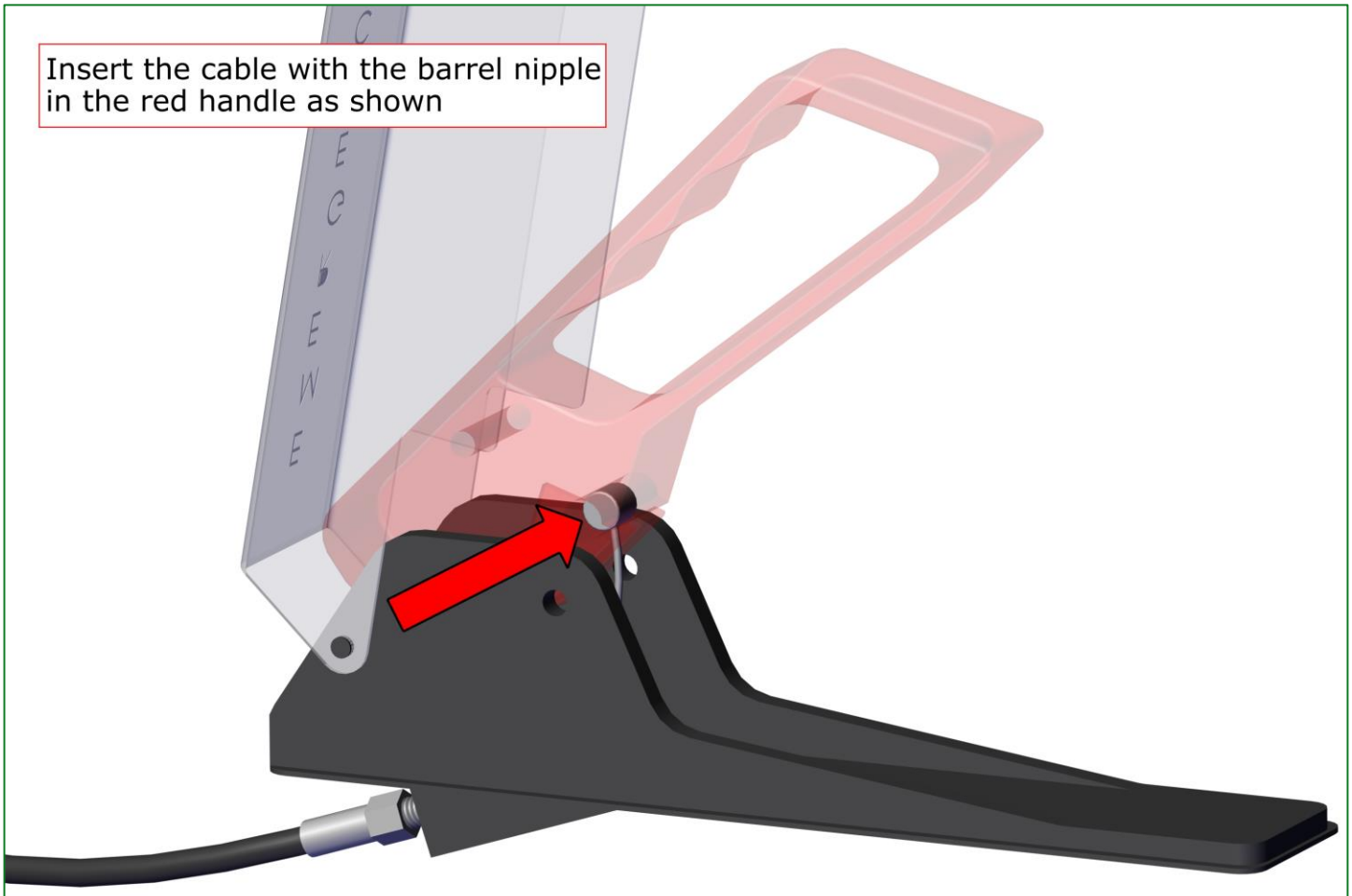

Drill and thread M6 then fasten
with 4x black nylon M6x16 screws

025 Emergency exit handle

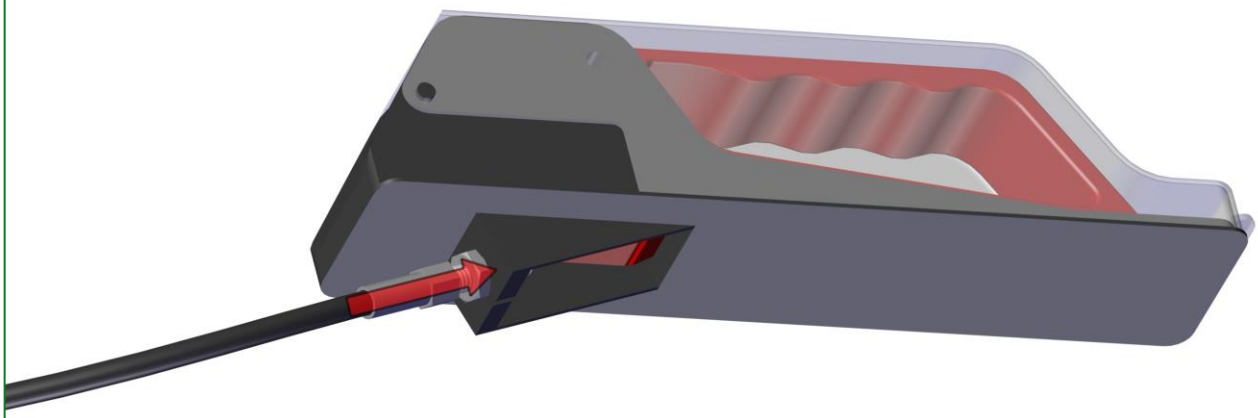


Pull out the inner cable for at least 700mm
then cut the outer cable at 1900mm

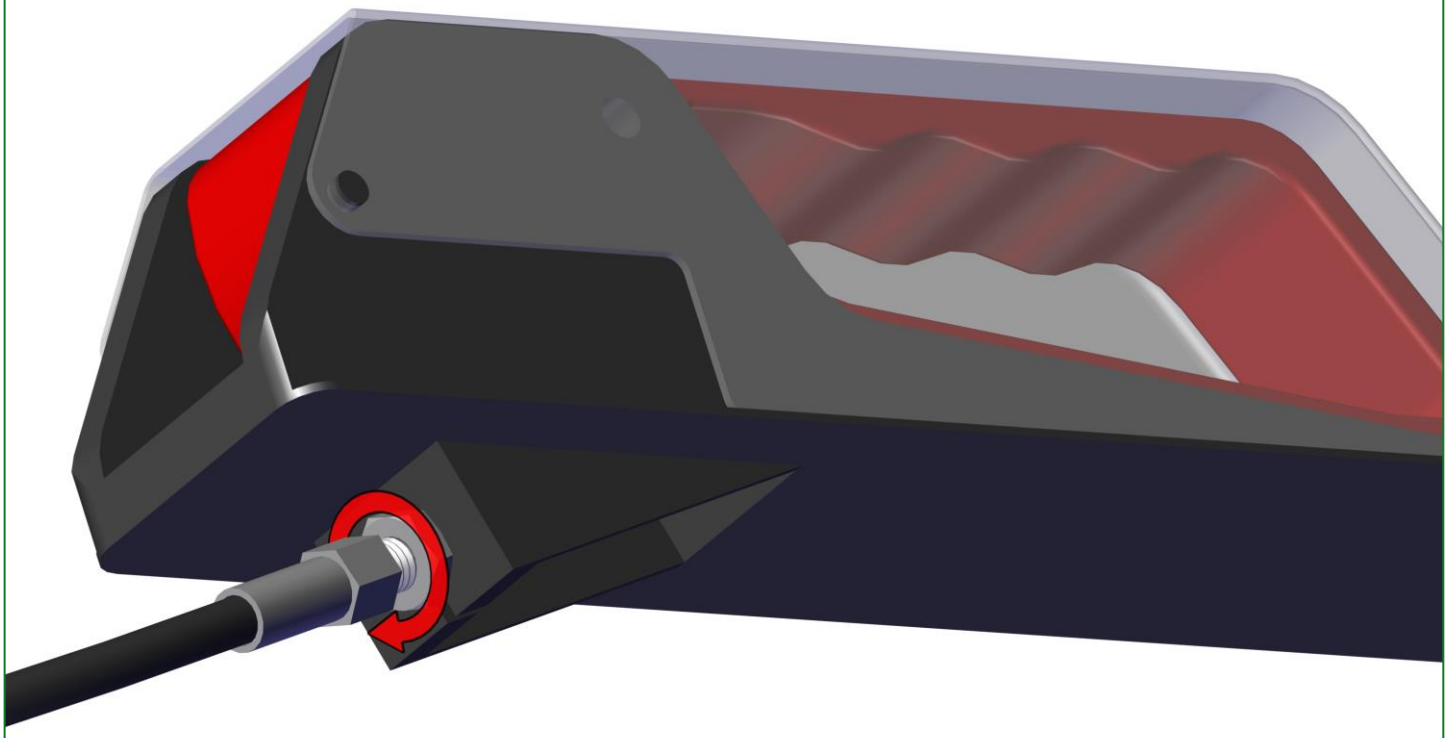
Insert the cable with the barrel nipple
in the red handle as shown

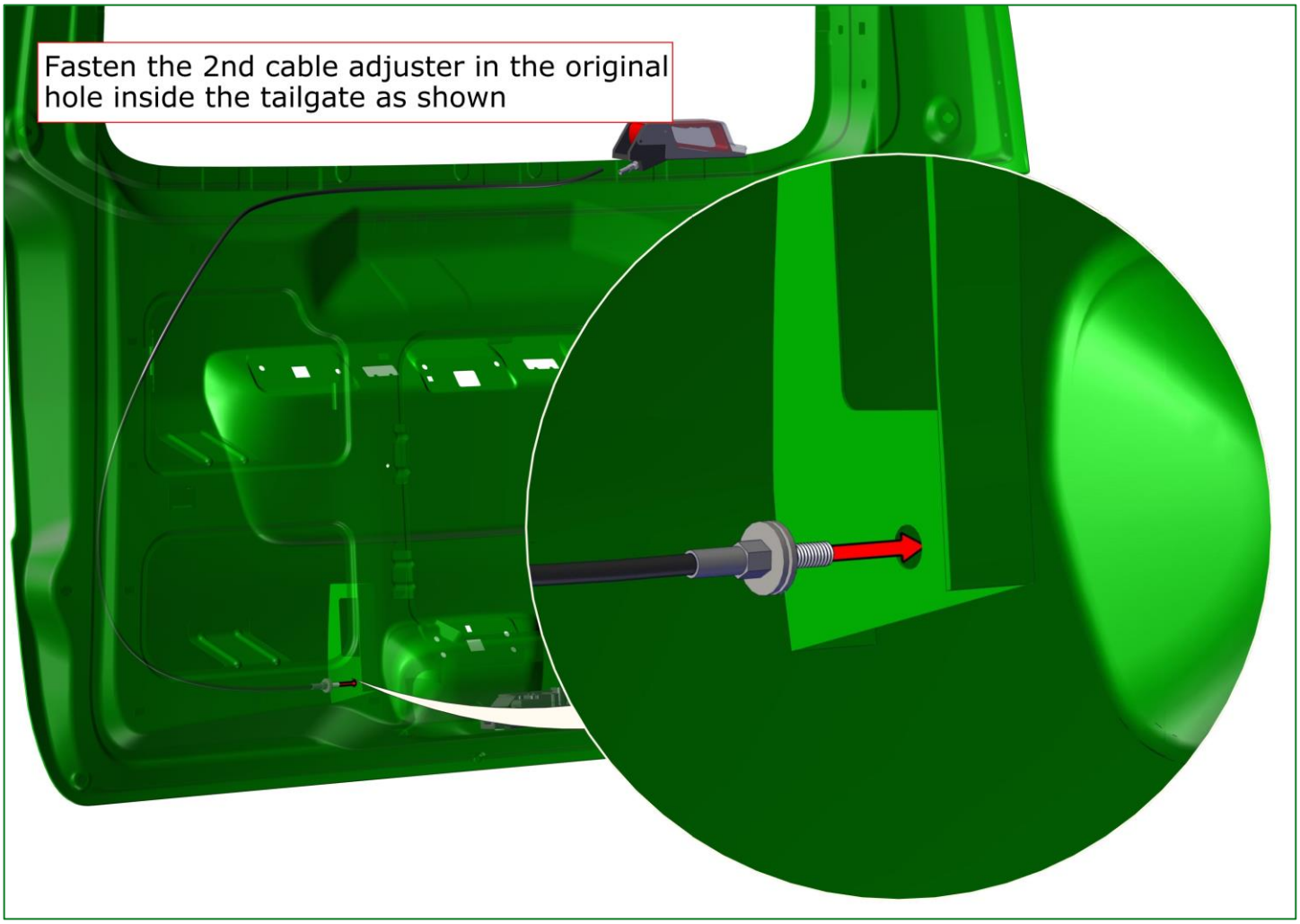


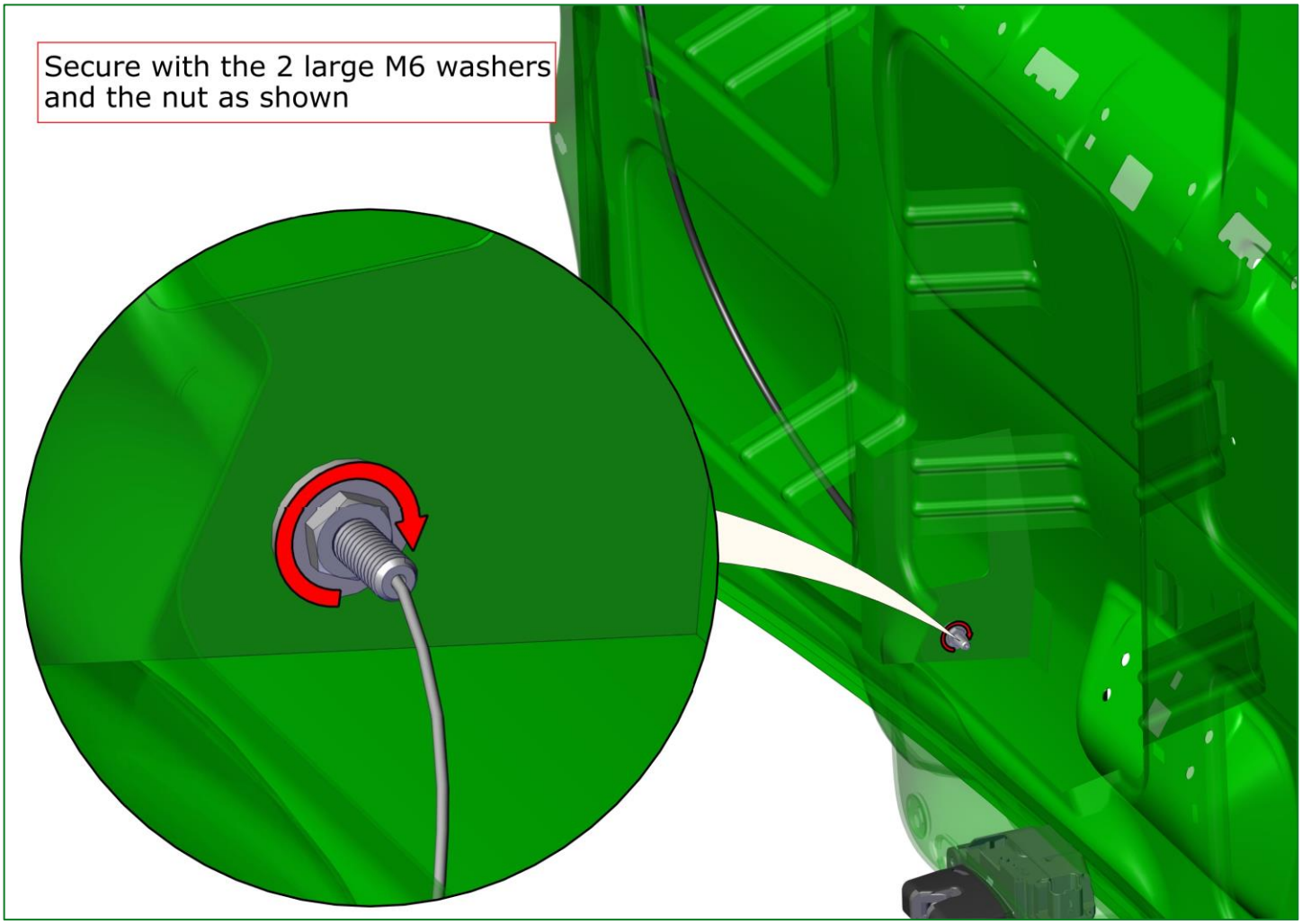
Screw the cable adjuster in the black housing



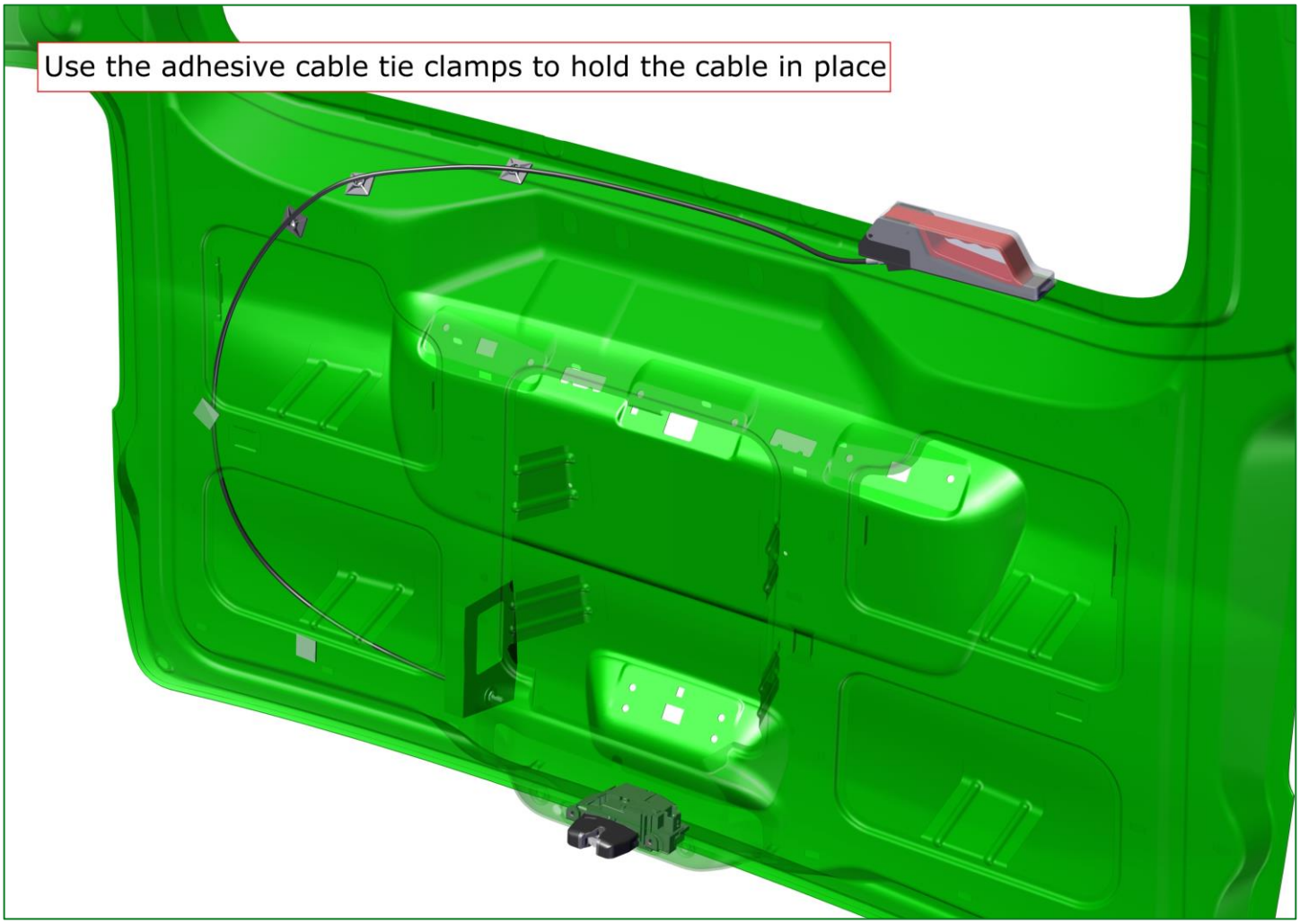
Secure with the nut



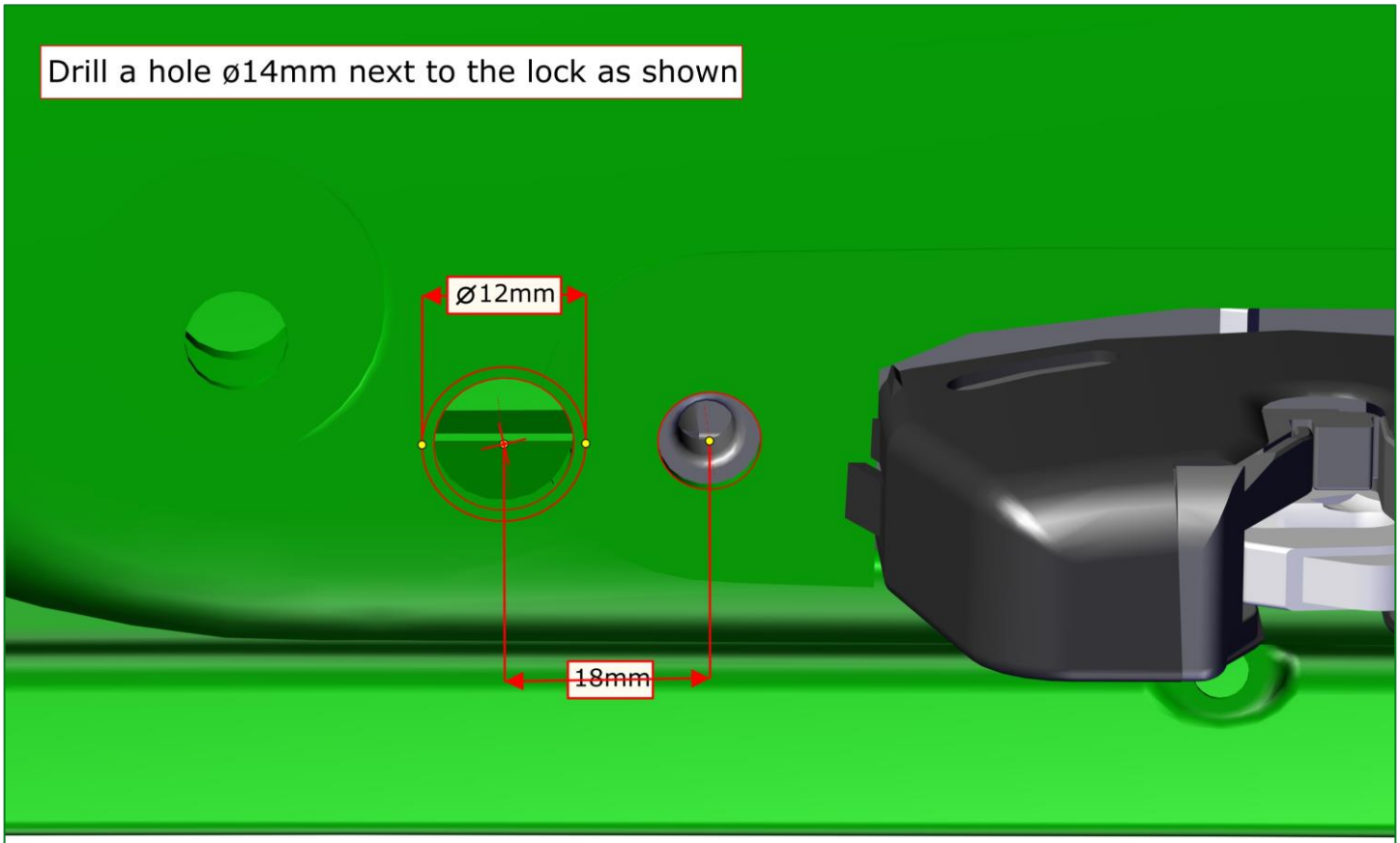

Fasten the 2nd cable adjuster in the original hole inside the tailgate as shown


Secure with the 2 large M6 washers and the nut as shown

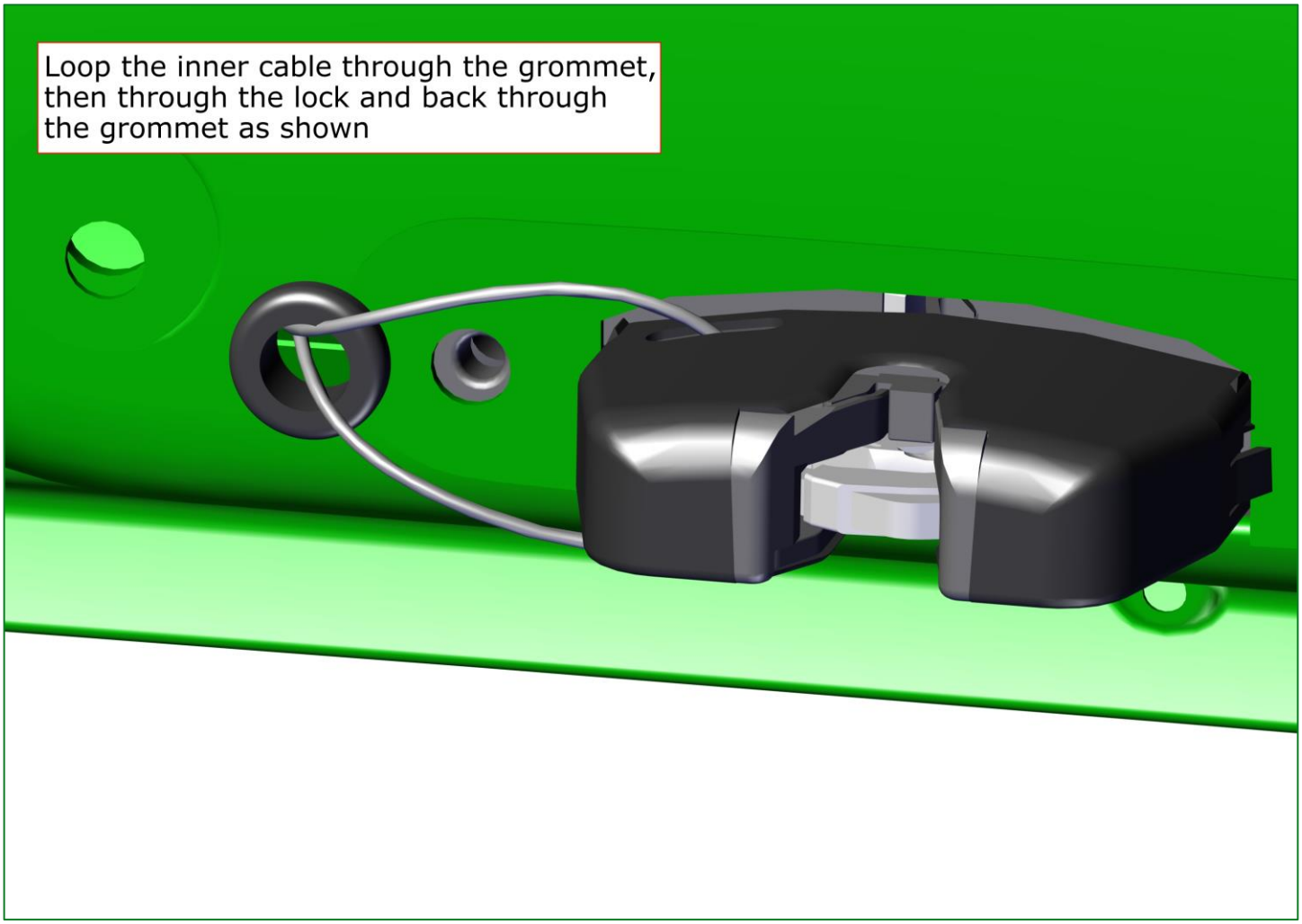
Use the adhesive cable tie clamps to hold the cable in place



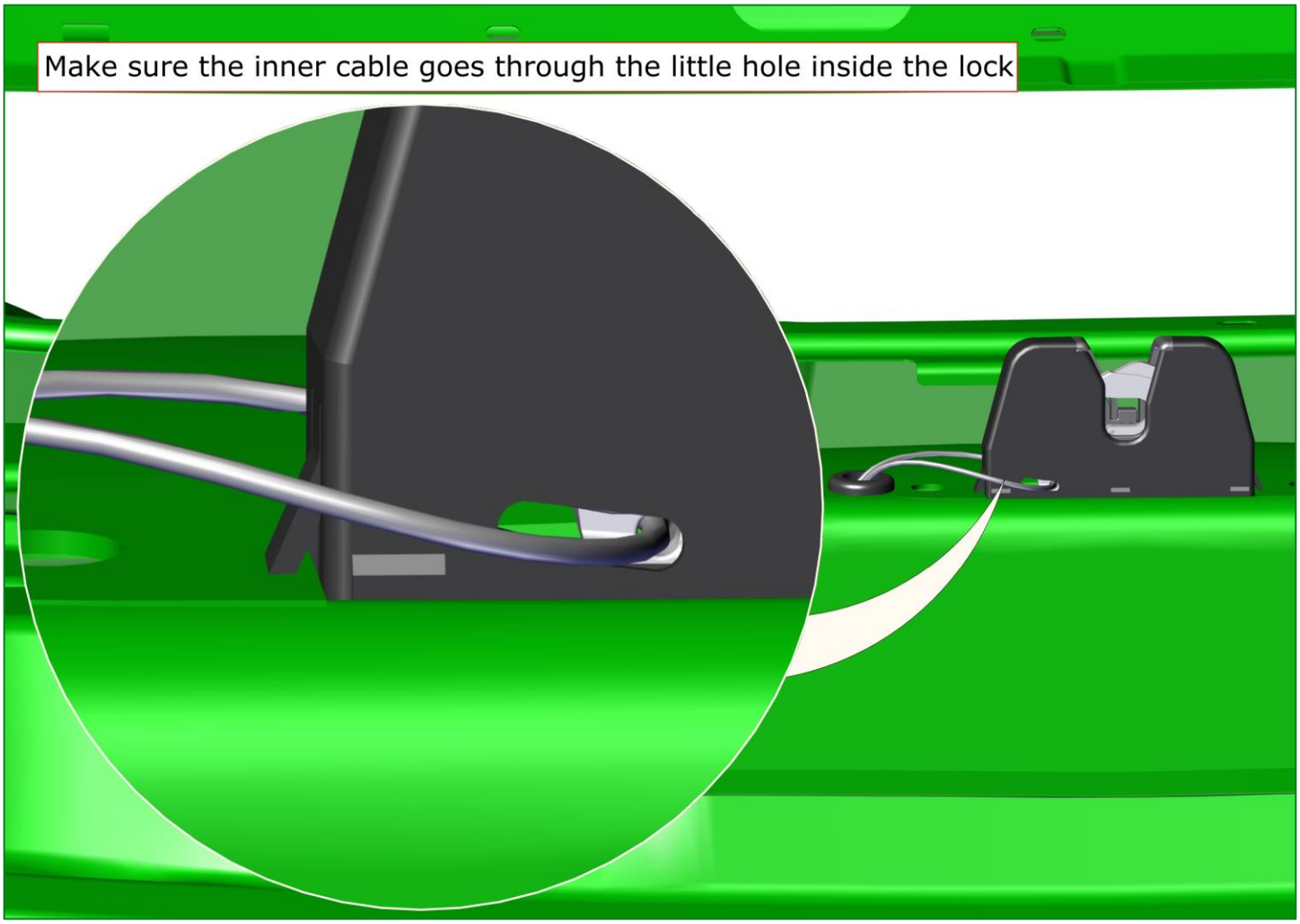
Drill a hole ø14mm next to the lock as shown



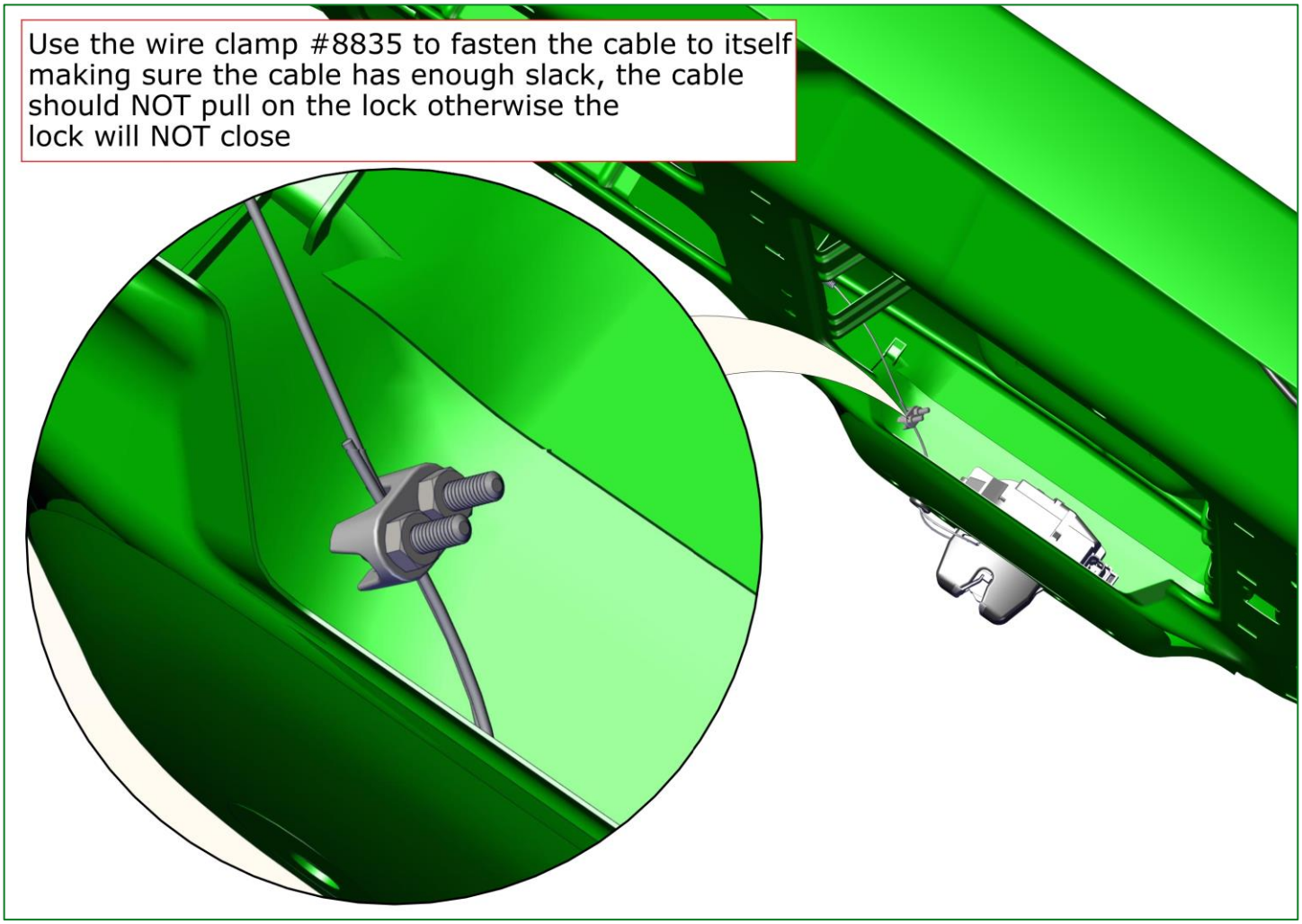

Insert the grommet #3539


Loop the inner cable through the grommet, then through the lock and back through the grommet as shown

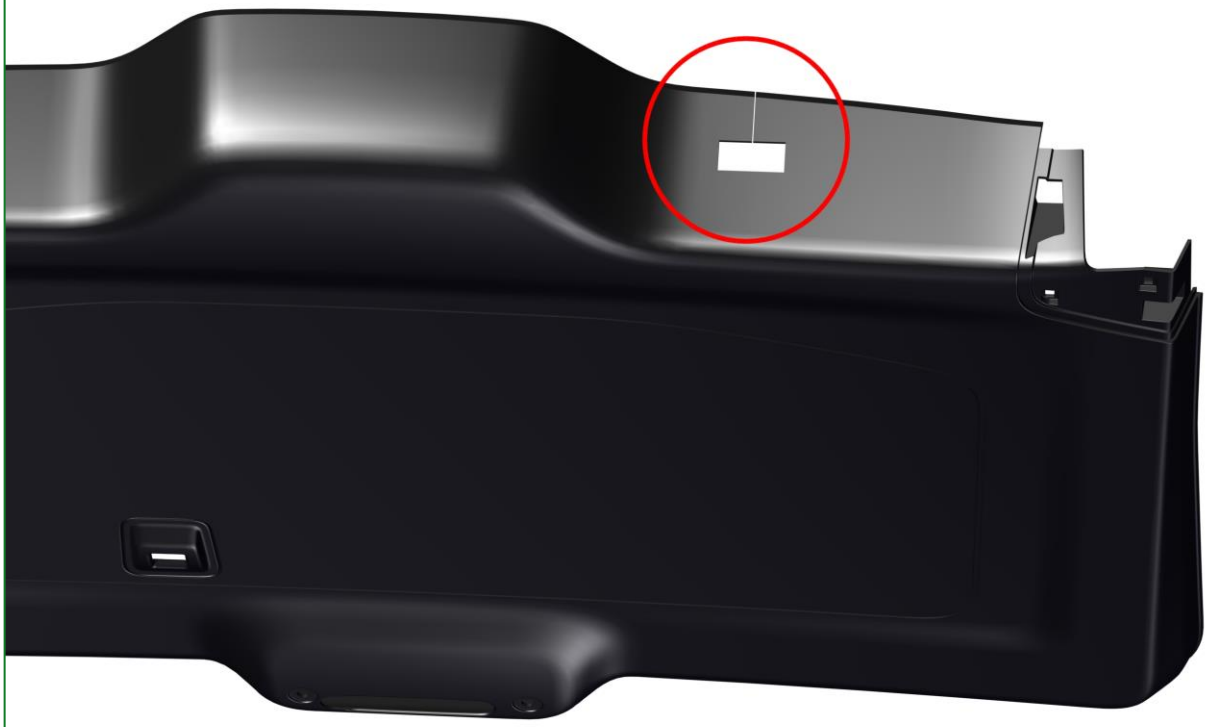
Make sure the inner cable goes through the little hole inside the lock



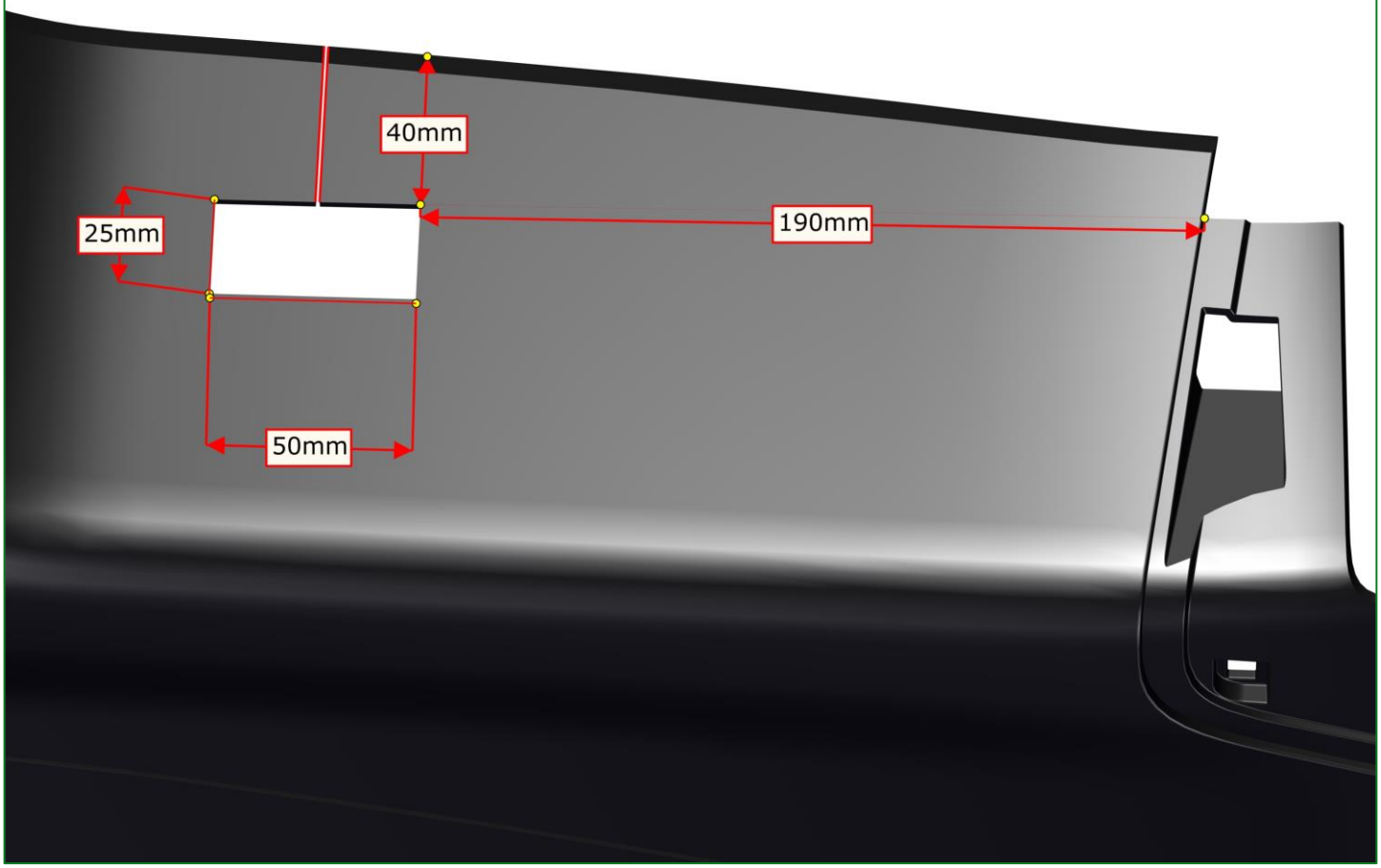
Use the wire clamp #8835 to fasten the cable to itself making sure the cable has enough slack, the cable should NOT pull on the lock otherwise the lock will NOT close

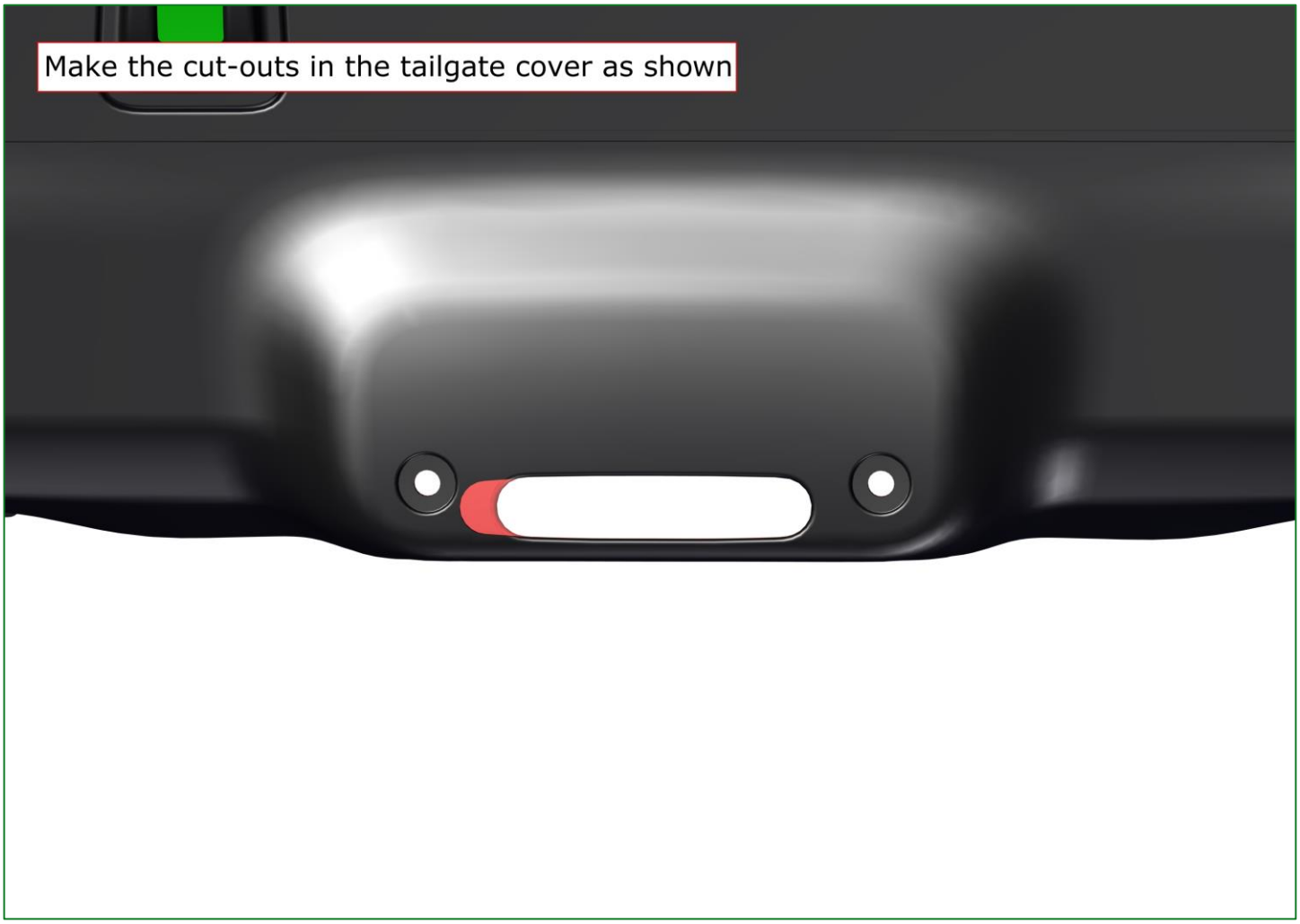


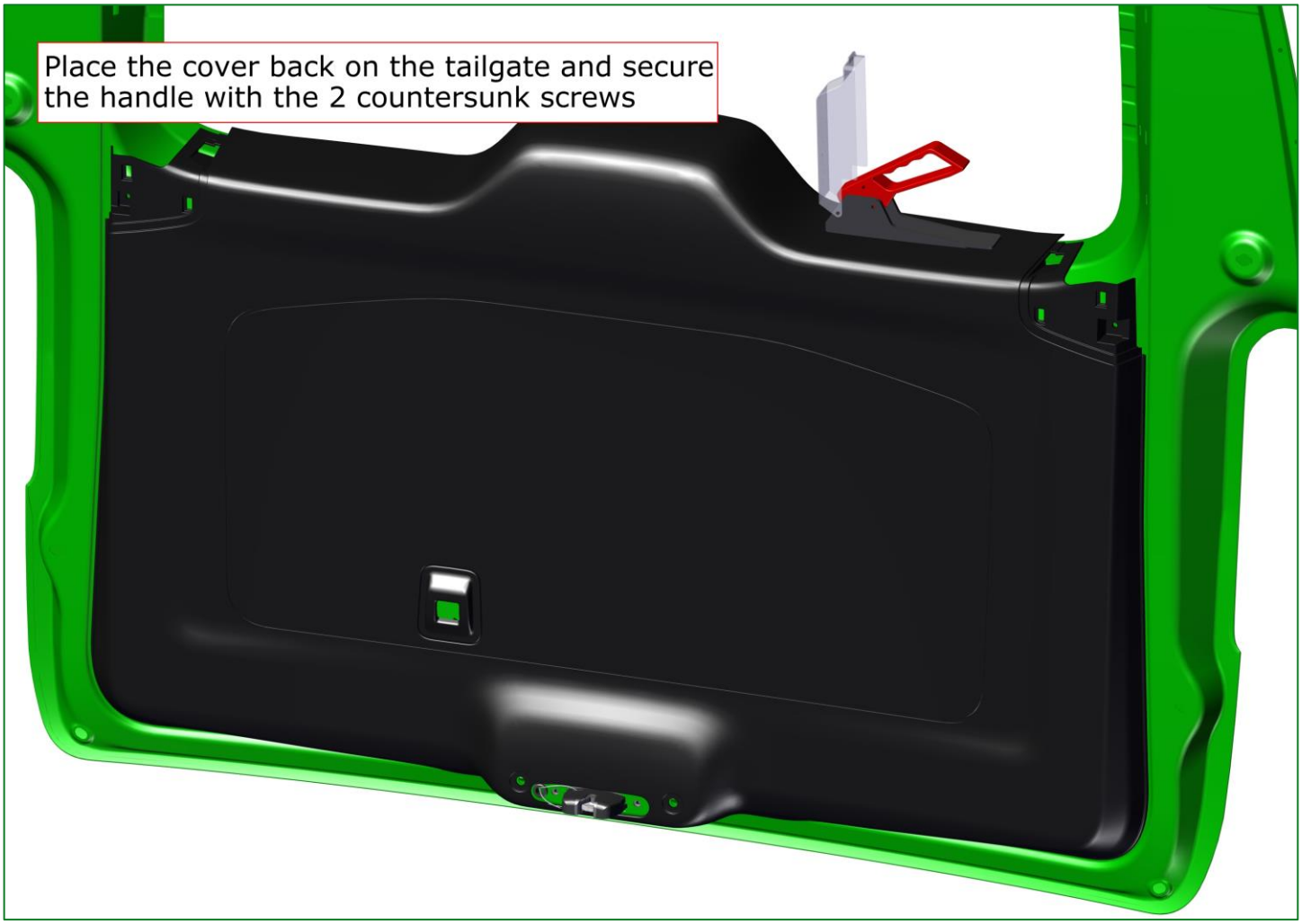
Make the cut-outs in the tailgate cover as shown



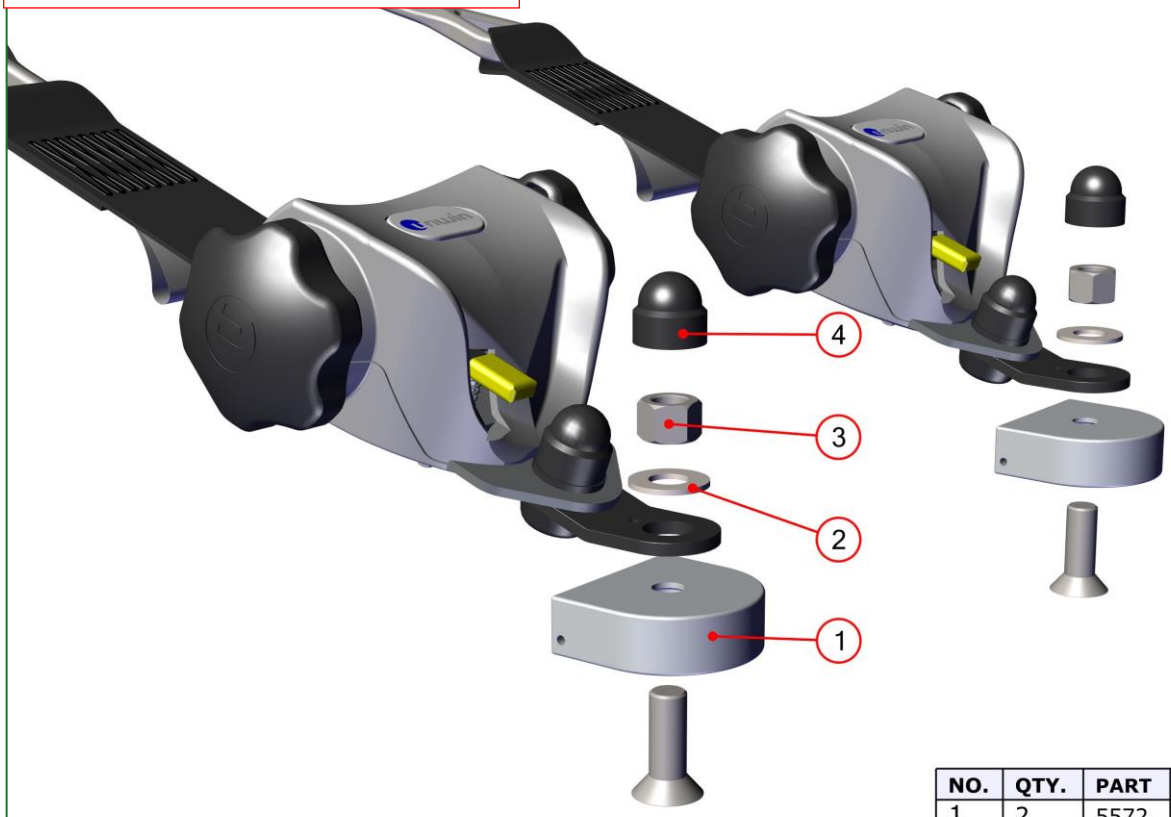
Make the cut-outs in the tailgate cover as shown




Make the cut-outs in the tailgate cover as shown

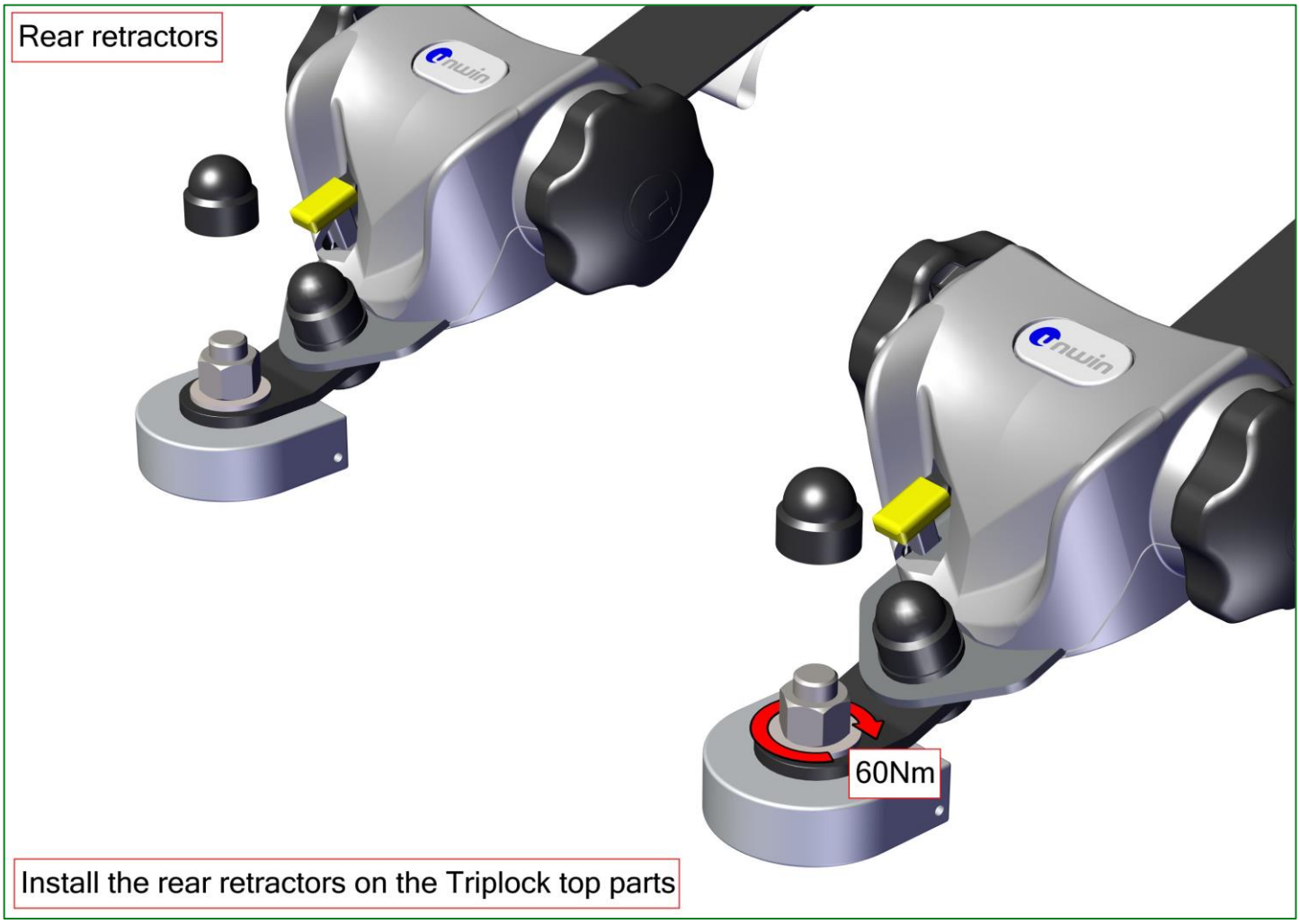

Place the cover back on the tailgate and secure the handle with the 2 countersunk screws

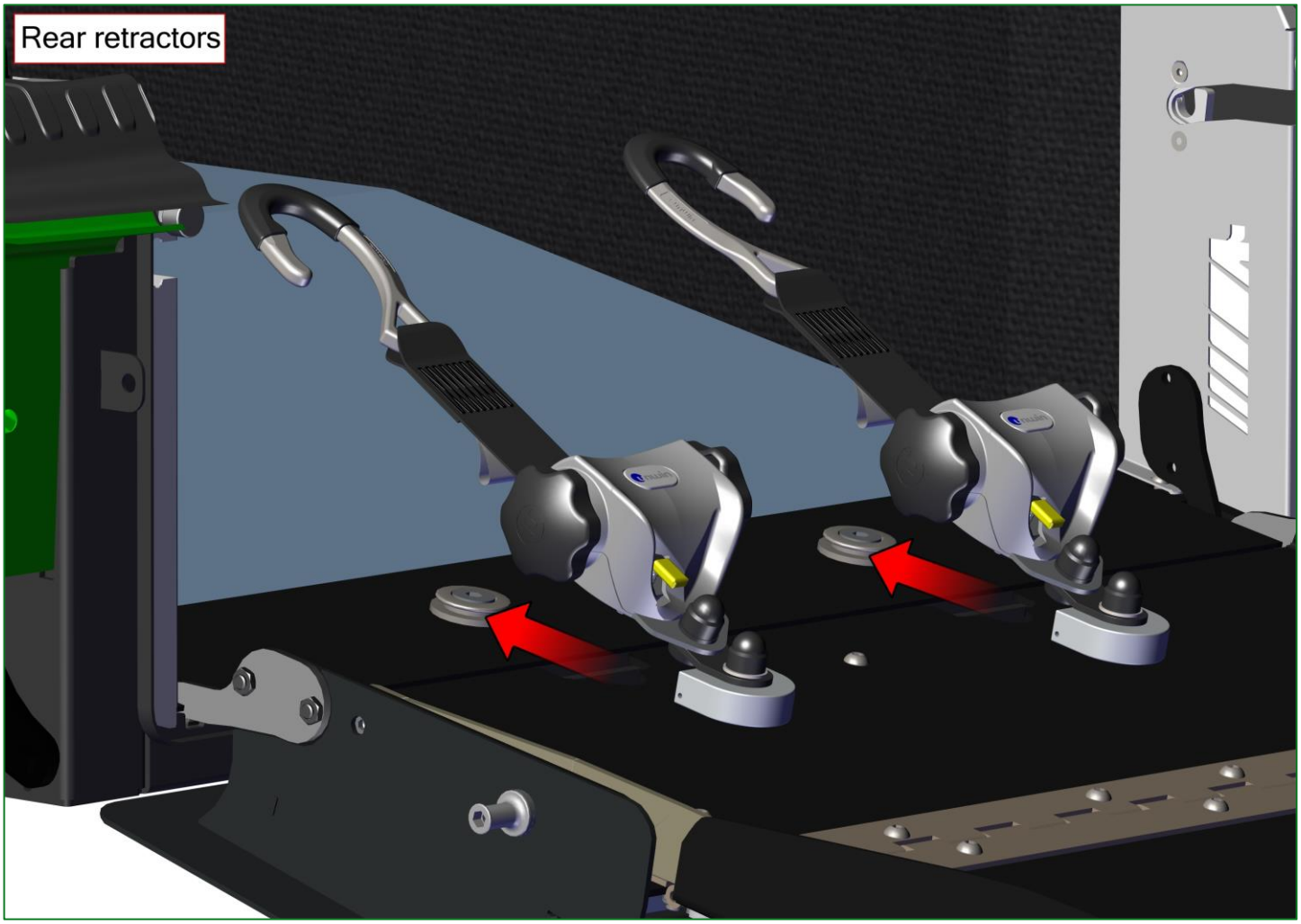
026 Rear retractors



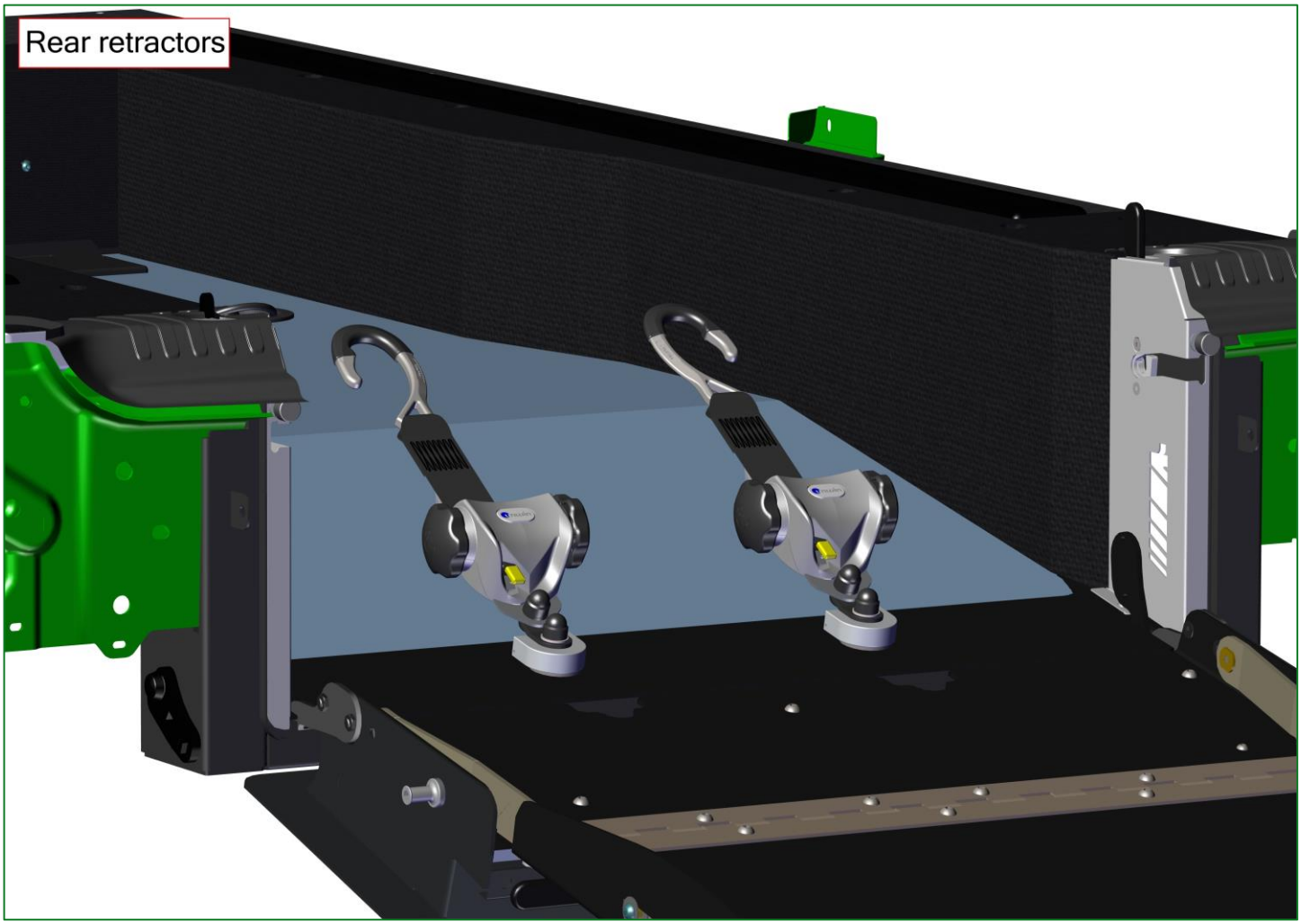
Bag #17050

NO.	QTY.	PART	DESCRIPTION
1	2	5572	Triplock top part
2	2	1387	Washer 7/16 UNF
3	2	226	Torque nut 7/16 UNF
4	2	01	Nut cap 16mm


Rear retractors
60Nm
Install the rear retractors on the Triplock top parts

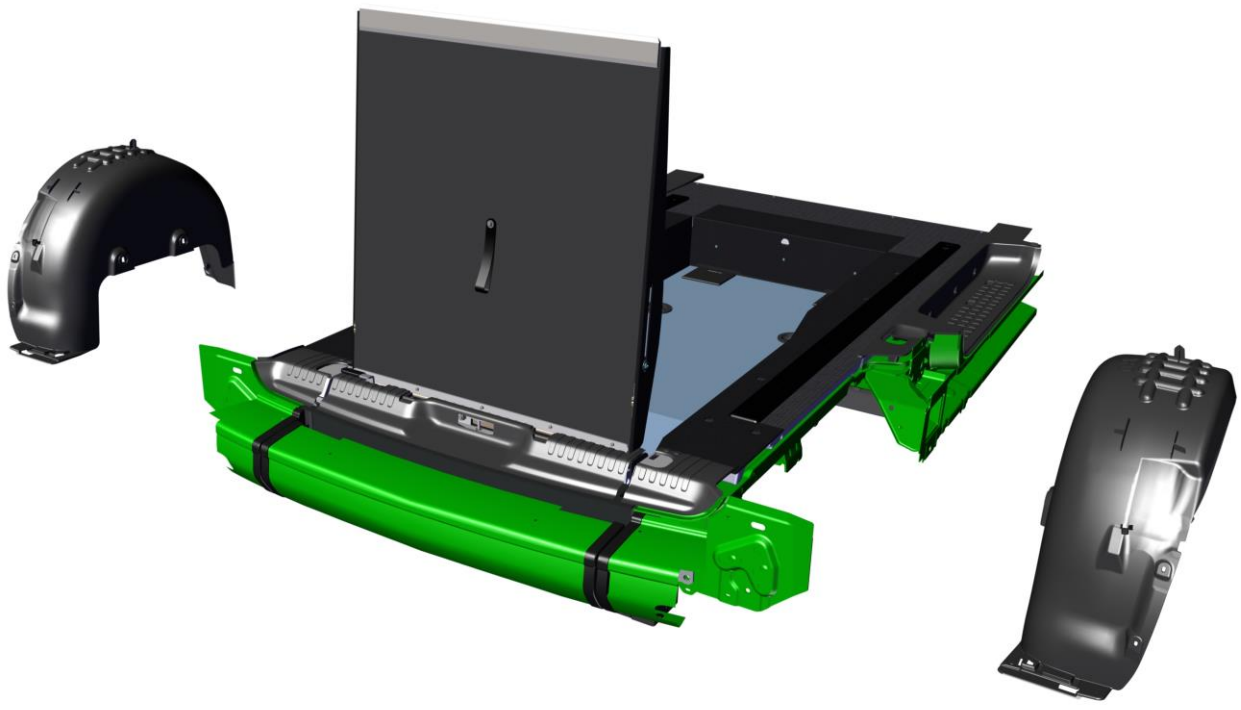

Rear retractors

Rear retractors

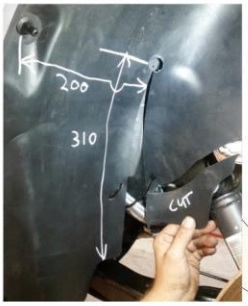


027 Wheel arc covers

Re-install the wheel arc covers



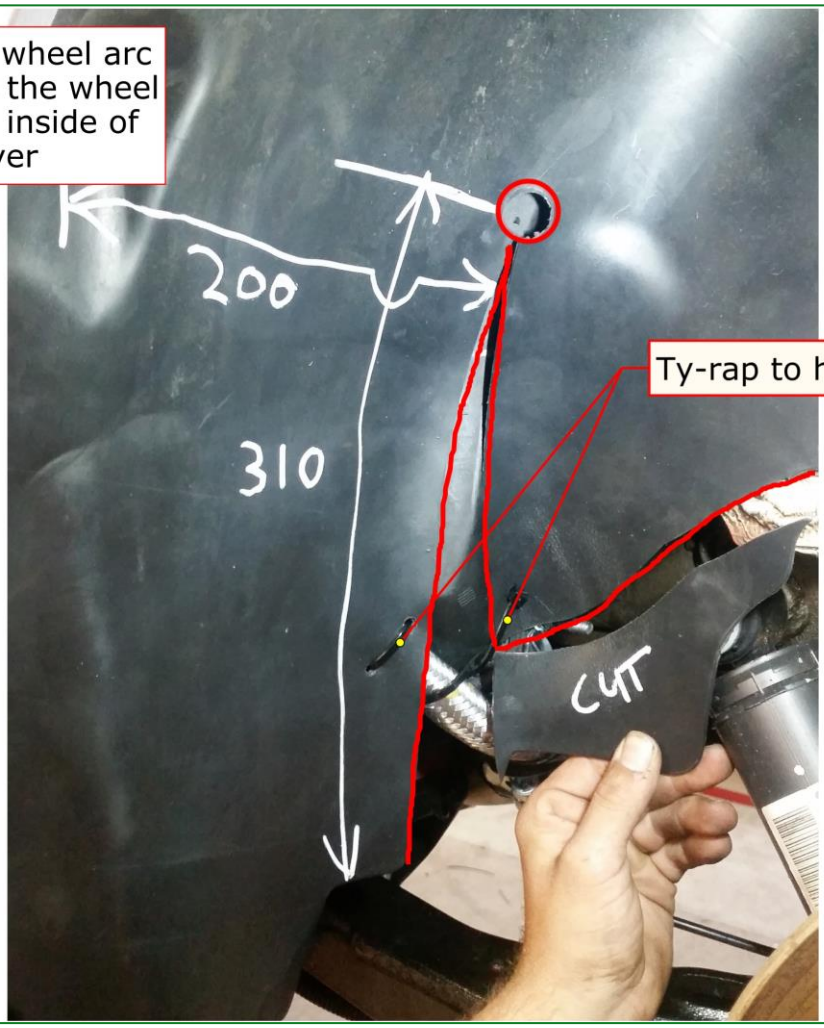
Cutting the left and right wheel arc this is to prevent the wheel from rubbing the inside of the wheel arc cover



Left

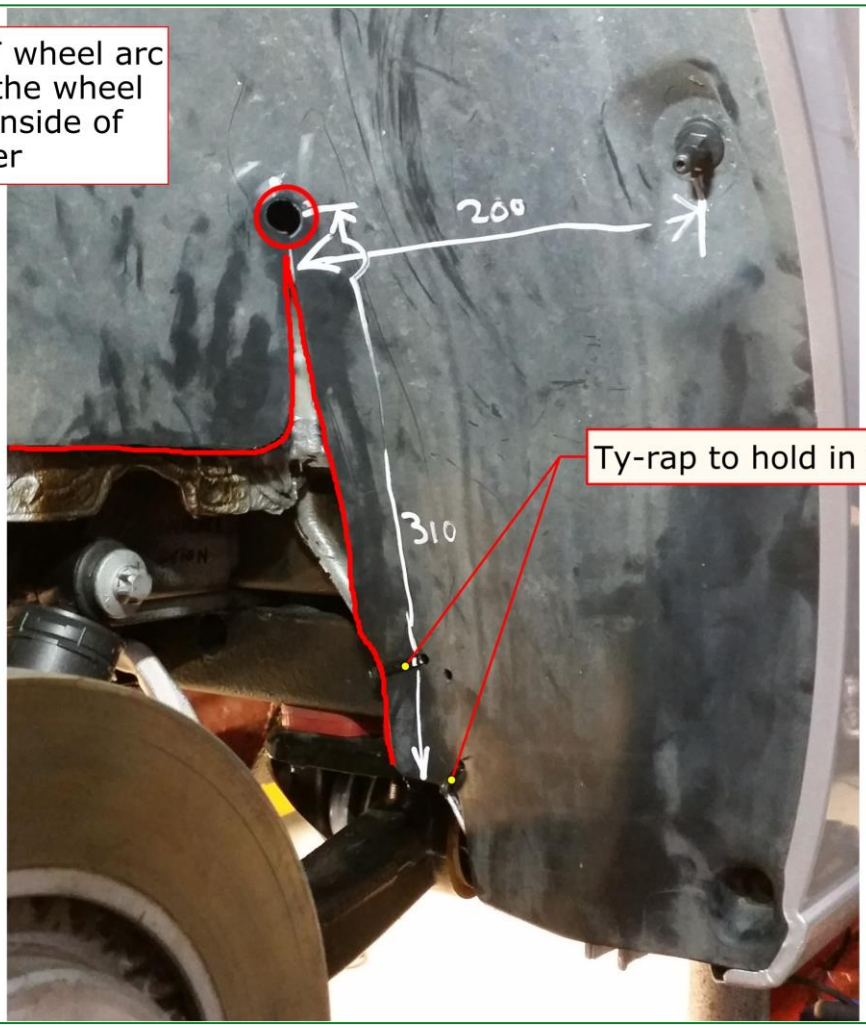
Right

Cutting the LEFT wheel arc this is to prevent the wheel from rubbing the inside of the wheel arc cover

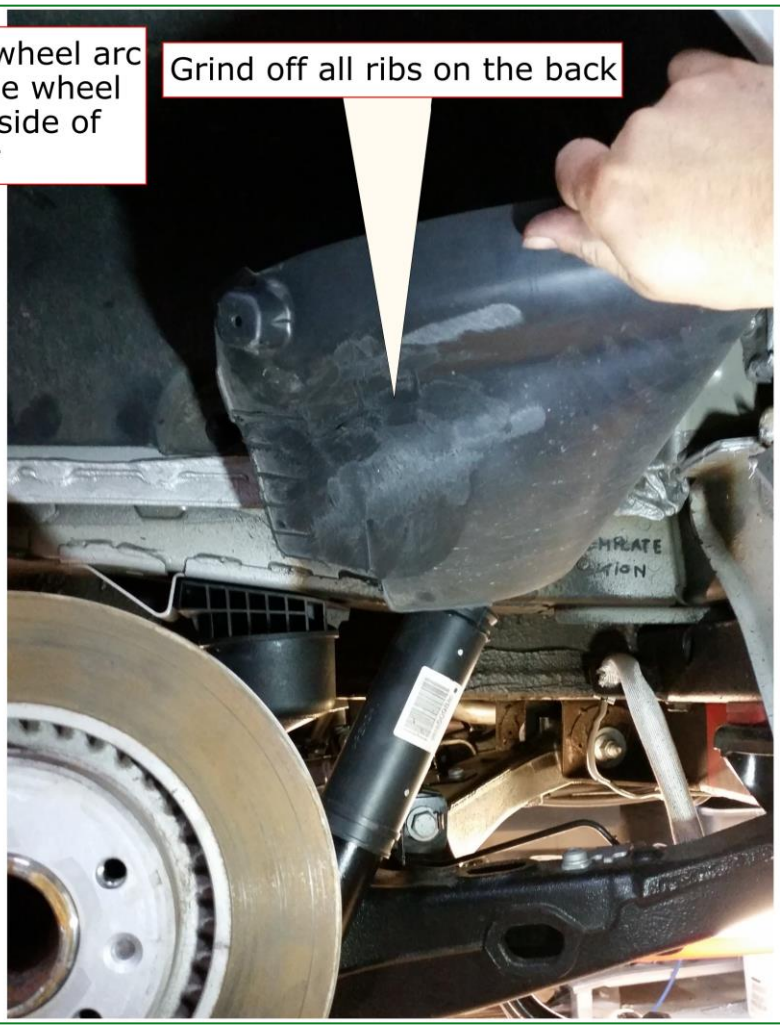


Cutting the LEFT wheel arc this is to prevent the wheel from rubbing the inside of the wheel arc cover

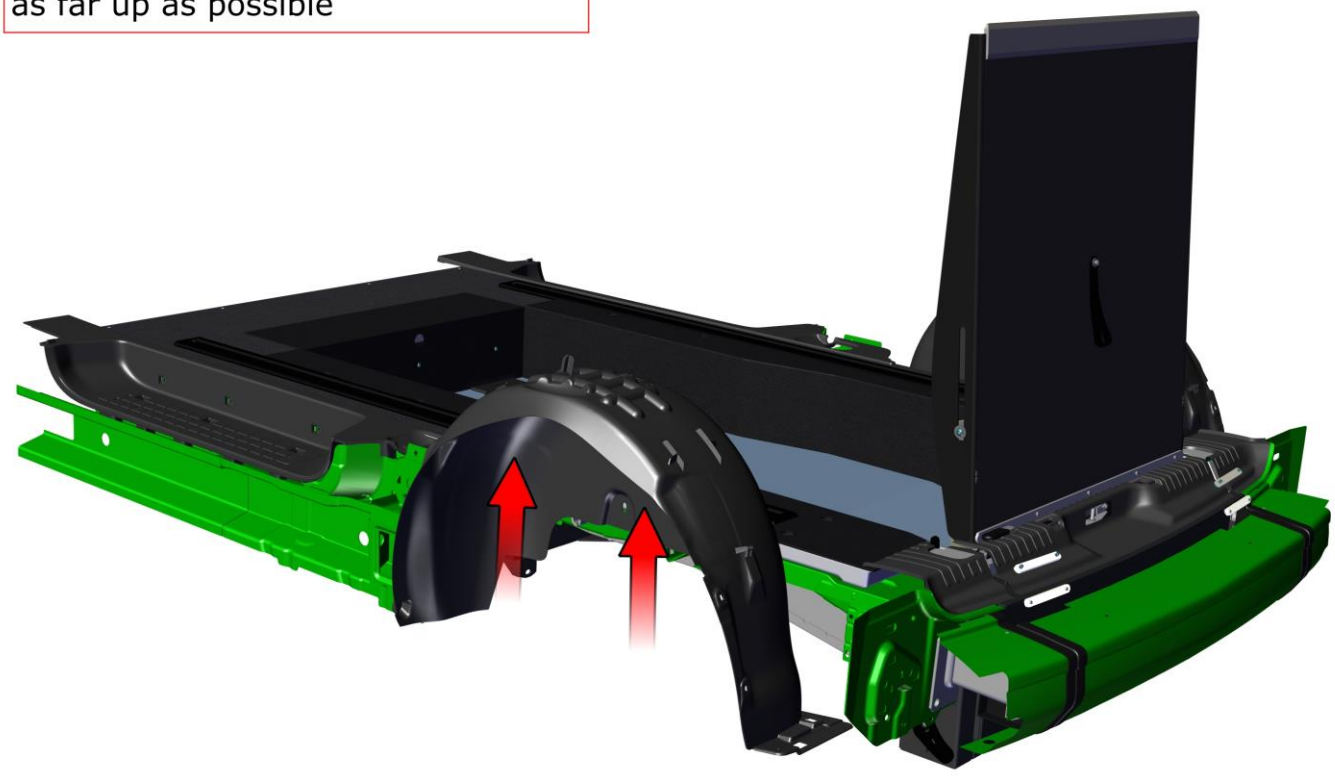
Cutting the RIGHT wheel arc this is to prevent the wheel from rubbing the inside of the wheel arc cover



Cutting the RIGHT wheel arc this is to prevent the wheel from rubbing the inside of the wheel arc cover



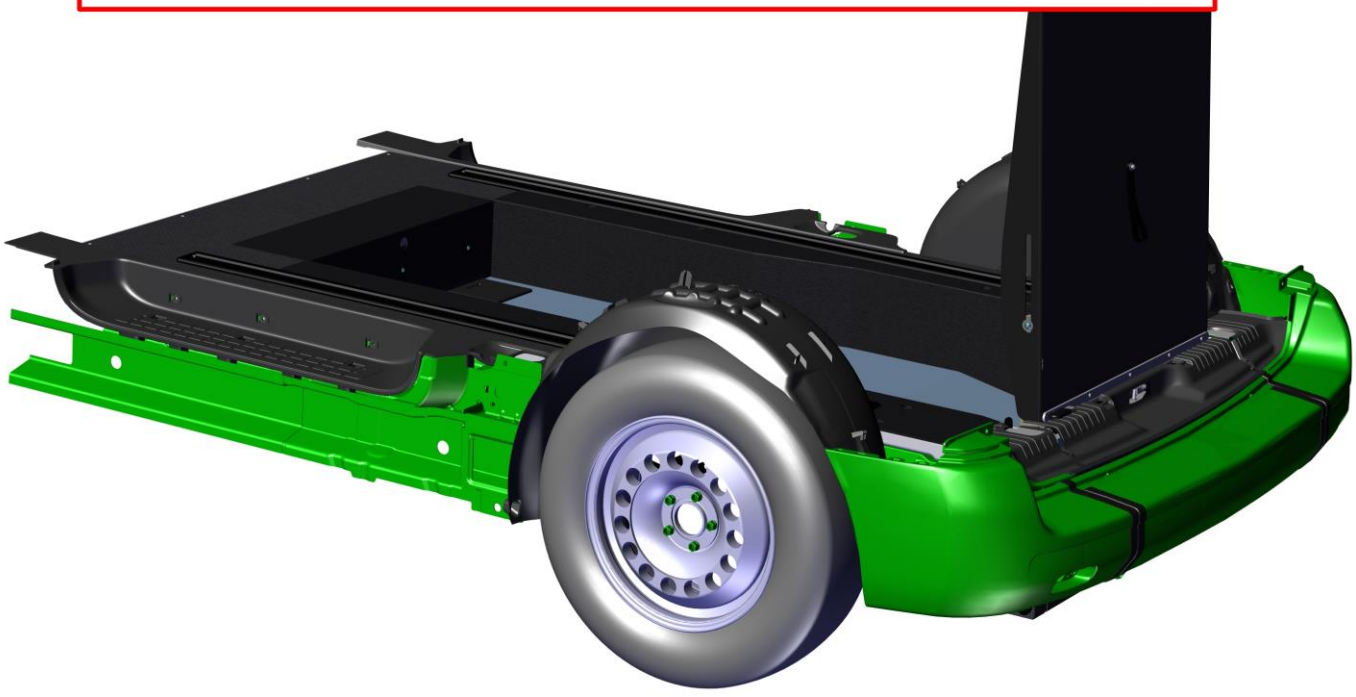
Re-install the wheel arcs, make sure the left wheel arc cover is placed as far up as possible



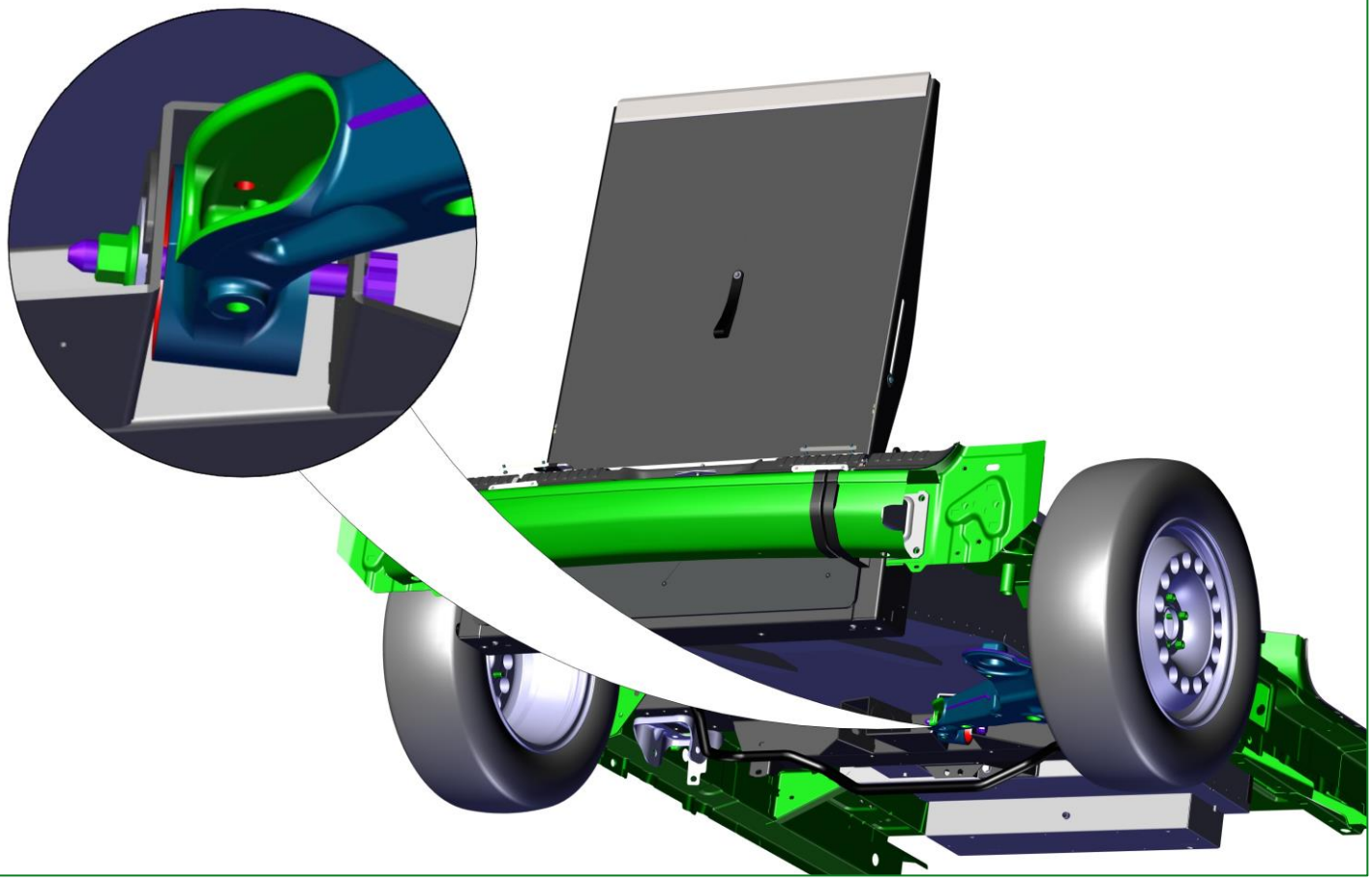
Put the wheels back on

028 Realign the rear wheels

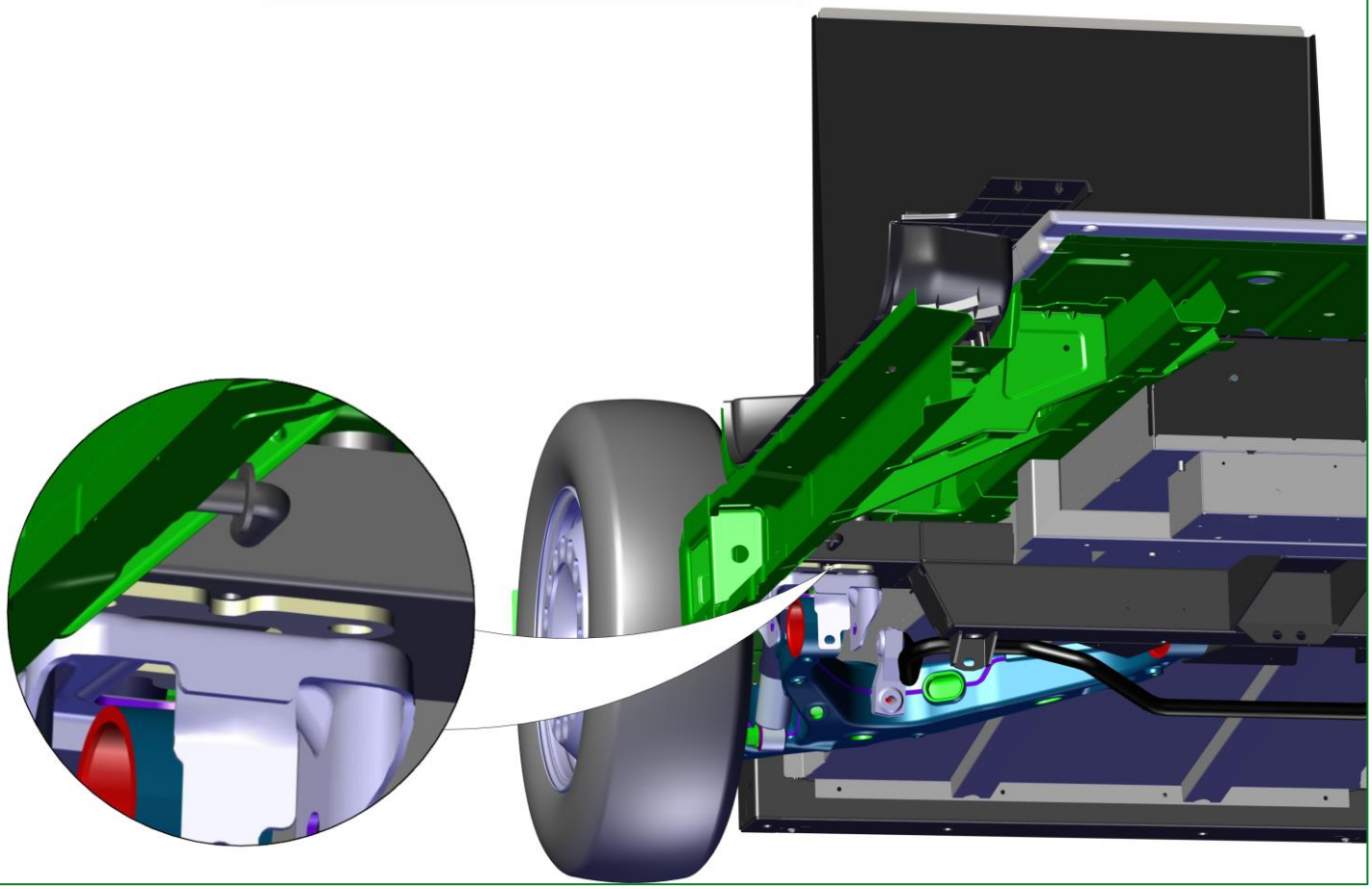
It is very important to realign the rear wheels to the valeus measured before conversion!



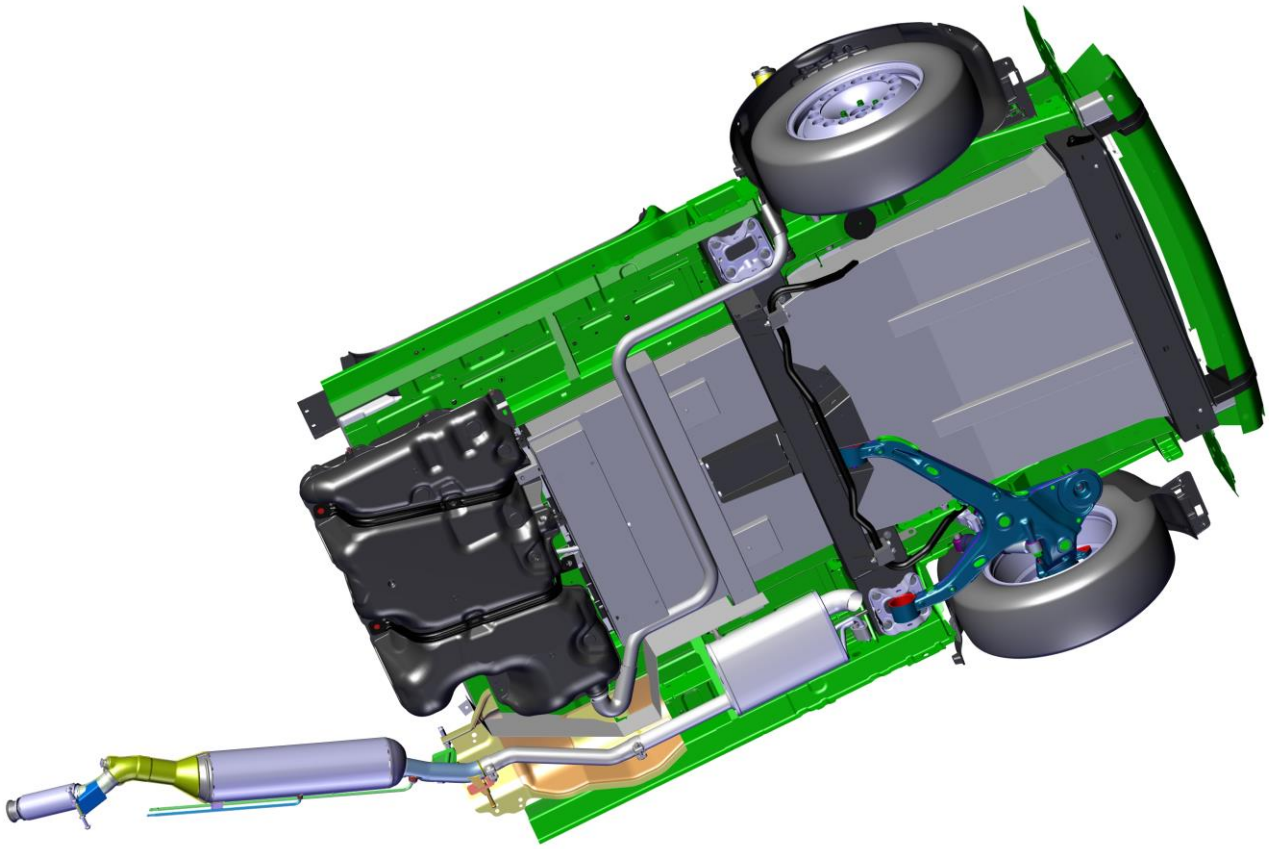
Adjust toe with the original bolts



Adjust camber with the spacers



When all is done, do a thorough inspection of all the parts and apply more Tectyl on all bare metal parts and bolts



Tightening torques

	Zinc coated steel		Stainless steel	
	8.8	**10.9**	**70**	**80**
M4	3 Nm	4 Nm	2,5 Nm	3,5 Nm
M5	6 Nm	8 Nm	5 Nm	7 Nm
M6	10 Nm	14 Nm	8 Nm	11 Nm
M8	26 Nm	37 Nm	21 Nm	28 Nm
M10	54 Nm	75 Nm	44 Nm	58 Nm
M12	85 Nm	120 Nm	71 Nm	88 Nm
M12x1,5	89 Nm	125 Nm		
M14x1,5	150 Nm	205 Nm		
M16x1,5	220 Nm	310 Nm		
UNF				
		Grade 5		
7/16 CTSK Triplock		60 Nm		
7/16 seat belt		35 Nm		
Blind rivet nut				
	Steel	**Aluminium**	**Stainless**	
M5	5	4	4,5	
M6	9	6	7,5	
M8	22	18	20	
M10	48	28	41	

Always use these torques unless else is mentioned in the manual.

Tighten wheel bolts with the manufacturer’s instructions.

Bolts with special attention are:

- Suspension
- Fuel tank straps
- Seats
- Seat belts

Tools and chemicals used by Tripod

Welding machine MIG/MAG 180-230A.

Always use a fume extractor when welding!

Fume extraction arm

Brake line bending pliers

Sealant gun

Click clamp pliers

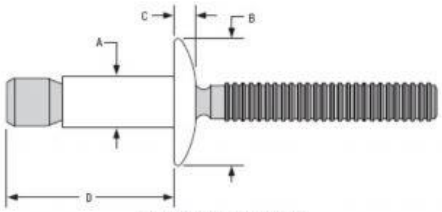
Air powered rivet gun

Rivet gun, used for Magna-lok rivets

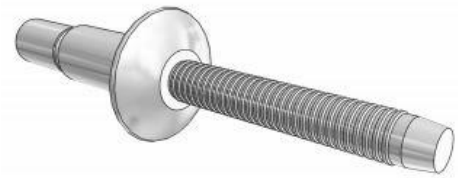
Battery powered rivet gun

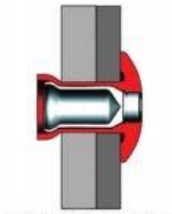
MAGNA-LOK®

For installation information please refer to the tooling overview on our website www.afshuck.net.
Pour des informations sur l'installation, référez vous à la rubrique « Outils » de notre site internet www.afshuck.net.
Informationen zur Installation unserer Befestiger finden Sie auf unserer Webseite www.afshuck.net unter der Rubrik Werkzeuge.



PROTRUDING HEAD





AFTER INSTALLATION

English	*Français*	*Deutsch*
Protruding head - Aluminum	**Tête saillante - Aluminium**	**Vorstehend - Aluminium**
Pin: 7075 Aluminium Alloy, Chromate conversion	Tige: Alliage d'aluminium 7075, chromatation	Stift: 7075 Aluminiumlegierung, Chromat Umwandlung
Sleeve: 5056 Aluminium Alloy, Chromate conversion	Douille: Alliage d'aluminium 5056, chromatation	Hülse: 5056 Aluminiumlegierung, Chromat Umwandlung

Nom Dia.	Min.	Max.	Min.	Max.	B Max.	C Max.	D Max.	Kn min.	Kn min.	Kn min.	Part Number
4,76	1.57	6.86	4.85	5.11	9,78	2,16	18,29	2.7	2.2	0.3	MGLP-B6-4
4,76	5.44	11.10	4.85	5.11	9,78	2,16	22,35	2.7	2.2	0.3	MGLP-B6-7
4,76	14.27	19.02	4.85	5.11	9,78	2,16	30,33	2.7	2.2	0.3	MGLP-B6-12
4,76	1.57	11.10	4.85	5.11	9,78	2,16	25,91	2.7	2.2	0.3	MGLP-B6-E
6,35	2.03	6.35	6.63	6.91	13,44	3,02	18,29	5.8	4.0	0.4	MGLP-B8-4
6,35	2.03	9.53	6.63	6.91	13,44	3,02	24,64	5.8	4.0	0.4	MGLP-B8-6
6,35	8.89	15.88	6.63	6.91	13,44	3,02	30,99	5.8	4.0	0.4	MGLP-B8-10
6,35	14.73	22.23	6.63	6.91	13,44	3,02	37,34	5.8	4.0	0.4	MGLP-B8-14
6,35	21.08	28.58	6.63	6.91	13,44	3,02	43,69	5.8	4.0	0.4	MGLP-B8-18
6,35	27.43	34.93	6.63	6.91	13,44	3,02	50,04	5.8	4.0	0.4	MGLP-B8-22
6,35	2.03	15.88	6.63	6.91	13,44	3,02	35,69	5.8	4.0	0.4	MGLP-B8-E
9,53	3.05	14.22	9.96	10.36	20,14	4,47	41,91	13.1	8.5	1.1	MGLP-B12-12
9,53	15.88	28.58	9.96	10.36	20,14	4,47	56,26	13.1	8.5	1.1	MGLP-B12-18
9,53	25.4	38.10	9.96	10.36	20,14	4,47	65,79	13.1	8.5	1.1	MGLP-B12-24

Crimping tool, for electrical connections

Heat gun, for bending plastic fuel lines

Step drill, for drilling variable diameter holes

Brake bleeder

Cleaning solvent, type 1

Cleaning solvent, type 2

Contact spray glue, for the upholstery

Sikaflex 221 sealant, for sealing seams

Zink spray primer, for uncoated metal.

First layer

1K epoxy primer

Second layer

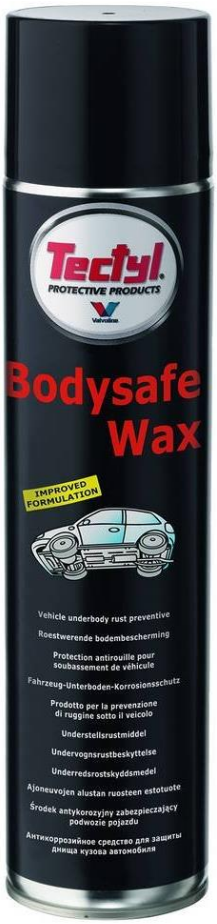
Satin black spray paint

Third layer

Tectyl Terotex HV450, used in all hollow parts of the body, with the appropriate spray gun

Tectyl Terotex 2000, used for protection of the underside of the chassis and lowered floor, with the appropriate spray gun

Tectyl ML, for parts where you can't use Tectyl Terotex HV450



Tectyl Bodysafe, for parts where you can't use Tectyl Terotex 2000

TRIPOD MOBILITY

WHEELCHAIR ACCESSIBLE VEHICLES

If you want to receive product information (safety/data sheets) of the products mentioned in this chapter, please contact support@tripodmobility.com

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