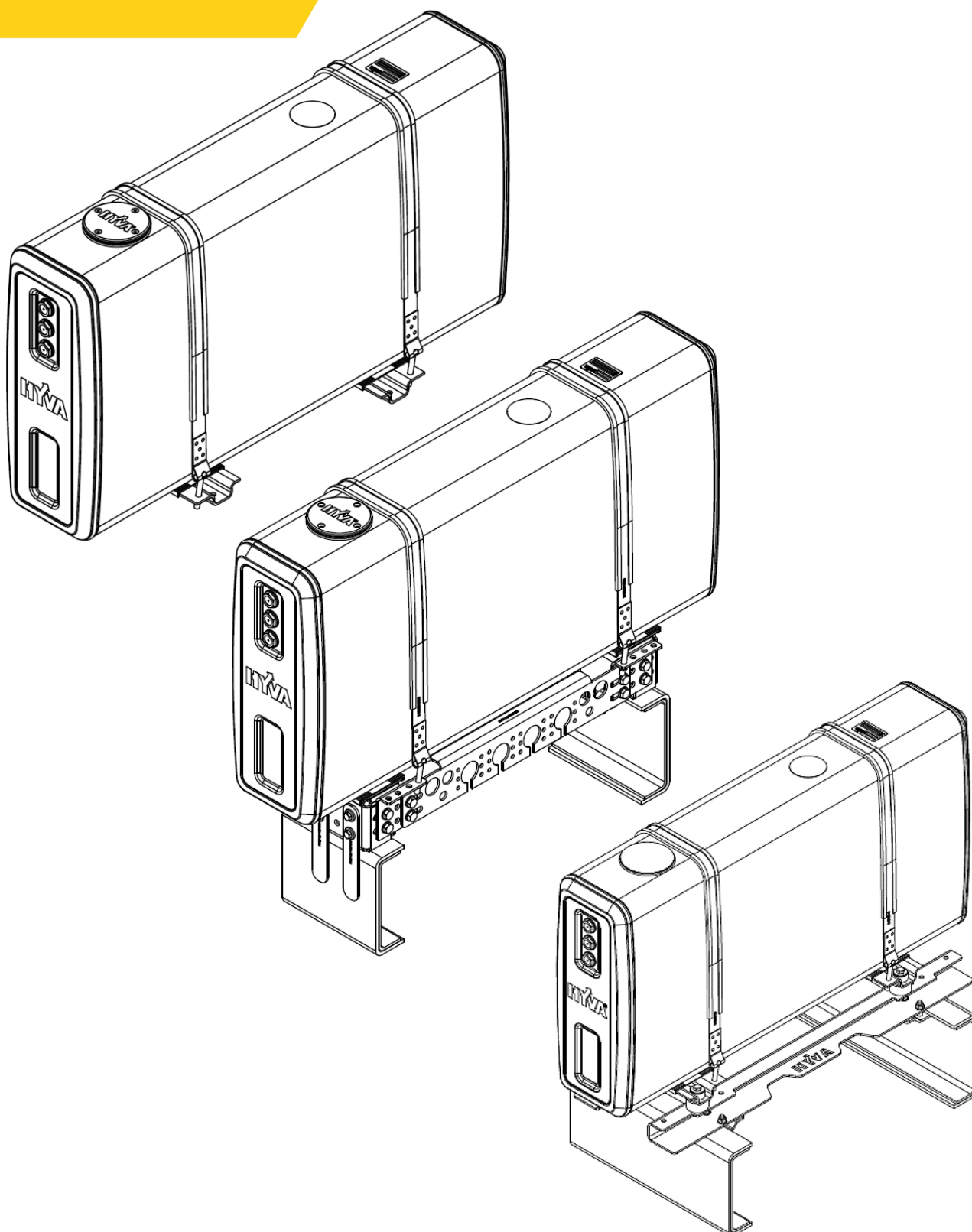




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MOUNTING INSTRUCTIONS

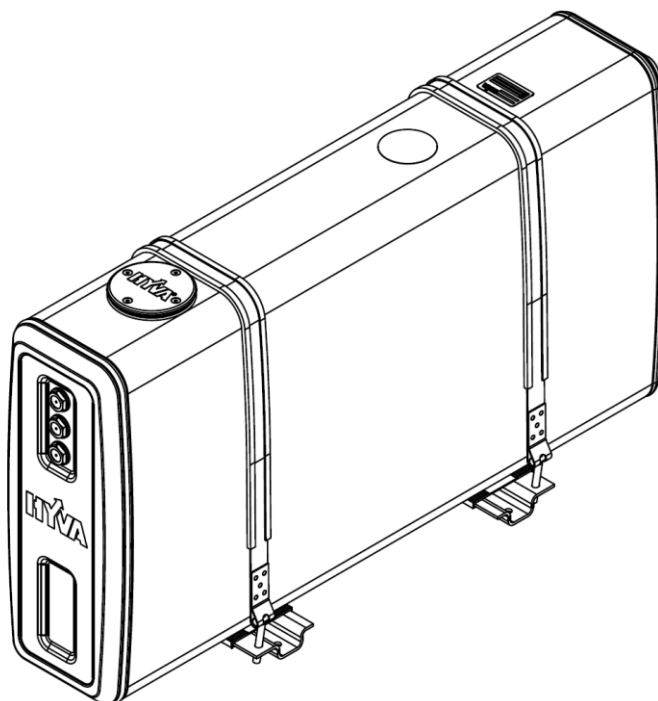
OIL-0013

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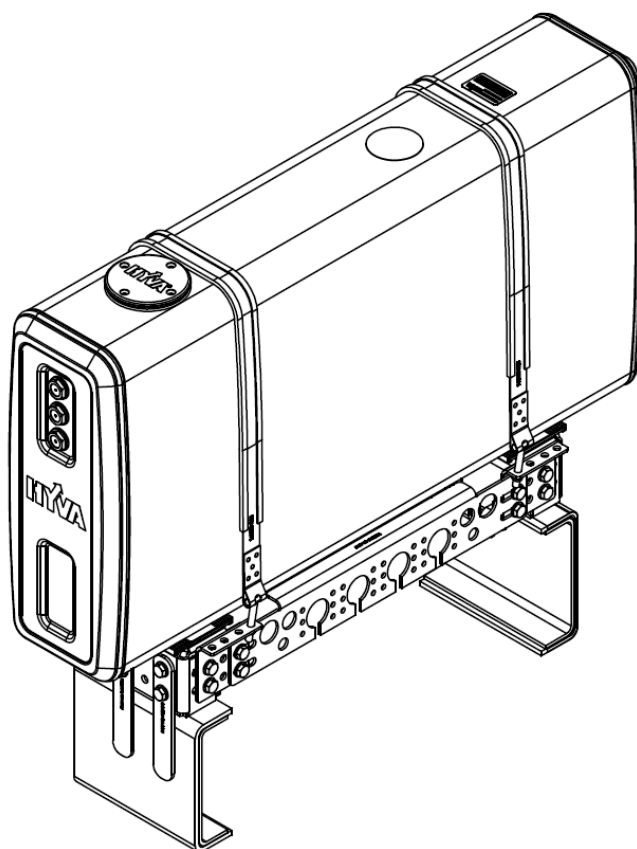
A. REAR MOUNTED TANK MOUNTING OPTIONS	1
B. RETURN FILTER AND AIR BREATHER ASSEMBLY	3
C. STANDARD MOUNTING KIT ASSEMBLY	7
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I. APPENDIX I: ADDING WASHERS FOR CLAMPING MOUNTING KIT	22

A. REAR MOUNTED TANK MOUNTING OPTIONS

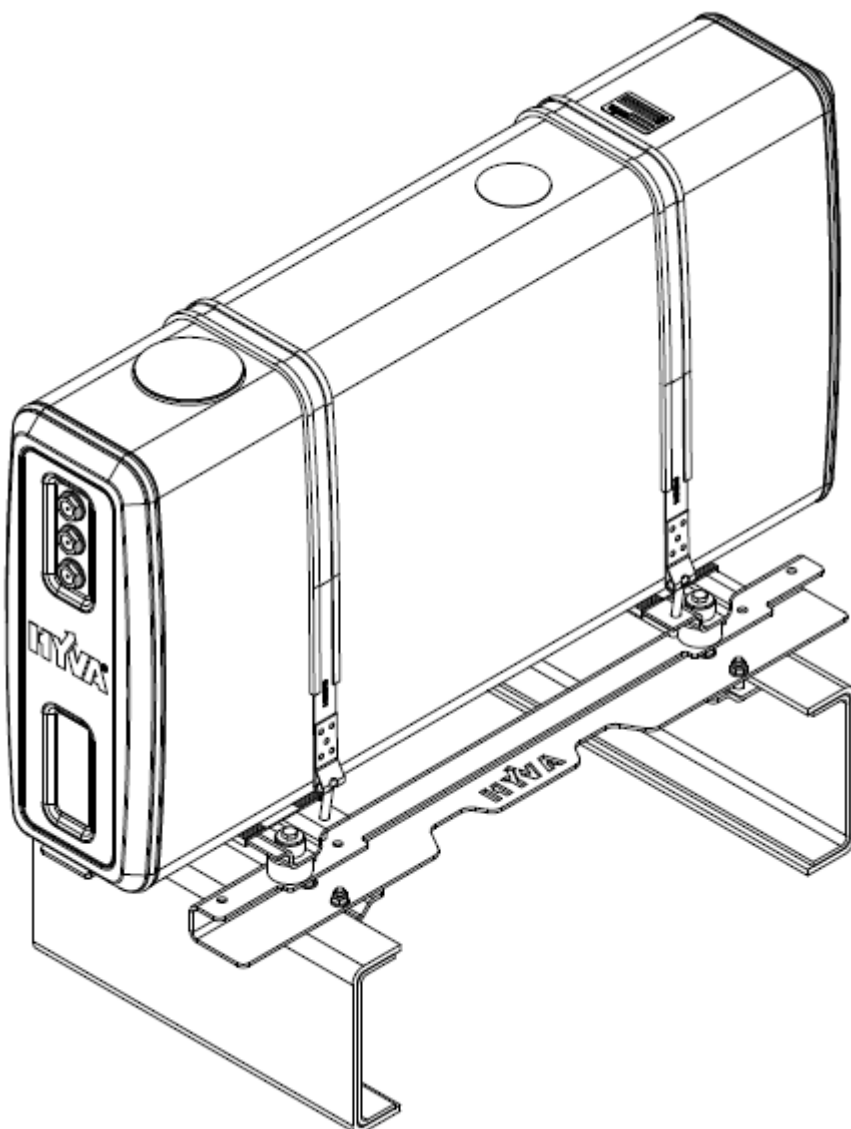
MOUNTING OPTION A : STANDARD MOUNTING KIT



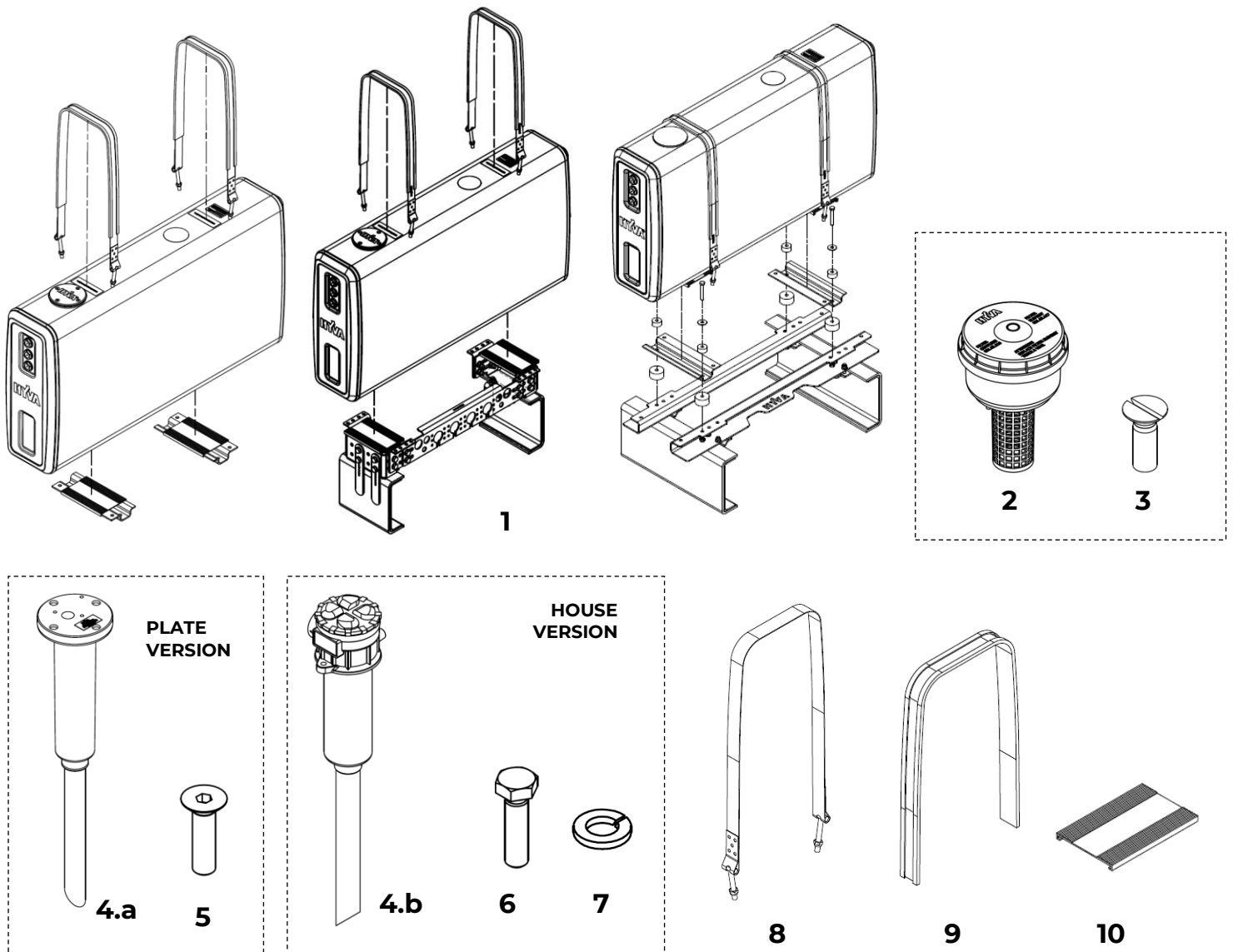
MOUNTING OPTION B : EASY MOUNTING KIT



MOUNTING OPTION C : QIK MOUNTING KIT

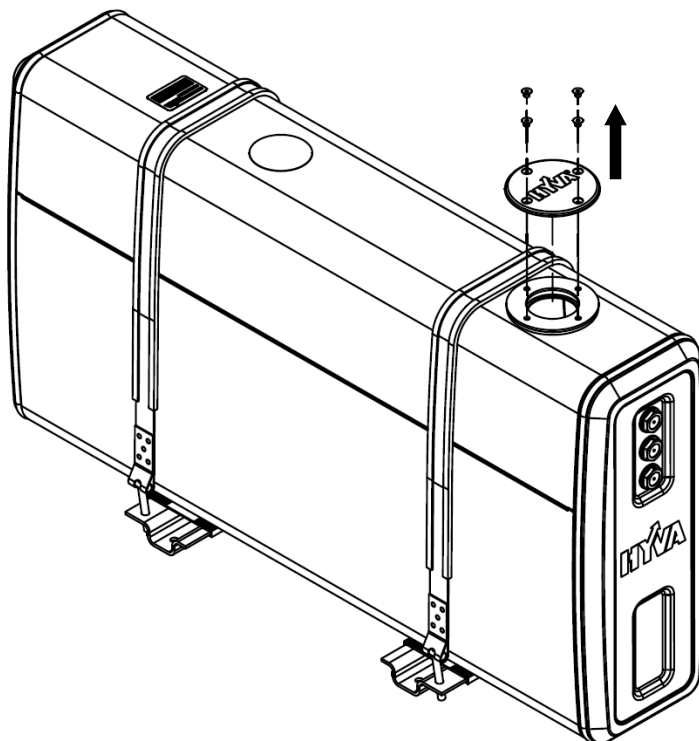


B. RETURN FILTER AND AIR BREATHER ASSEMBLY



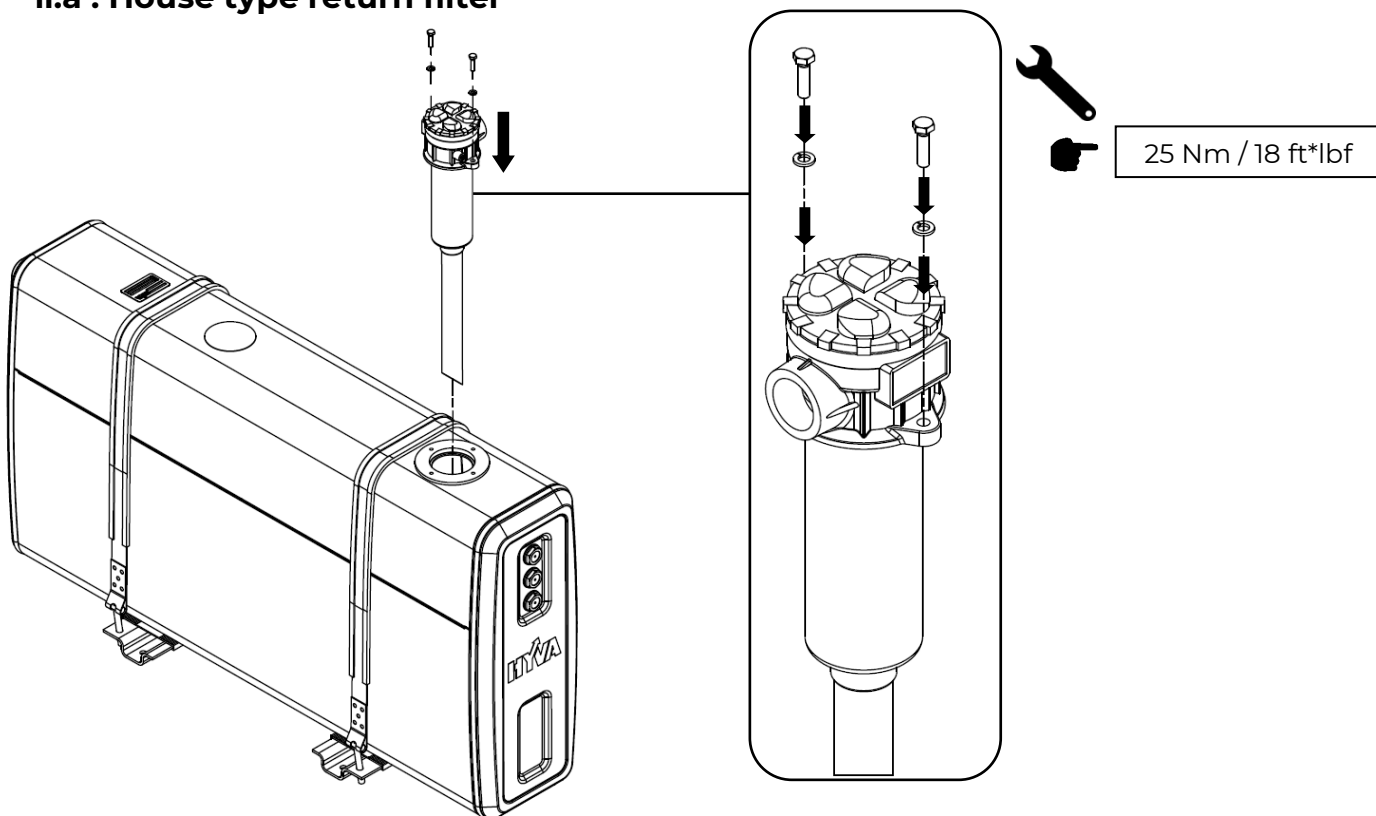
No.	Description	Qty
1	Standard HYVA Rear Mounted Oil tank	1
2	Air breather	1
3	Screw M5x14 ISO 2009	6
4.a	Return filter plate version	1
4.b	Return filter house version	1
5	Socket head bolt DIN 7991	4
6	Hex head Bolt M8 DIN933	2
7	Spring washer M8 DIN 127B	2
8	Straps	
9	Strap rubber	
10	Support rubber	

i. Remove the cover plate

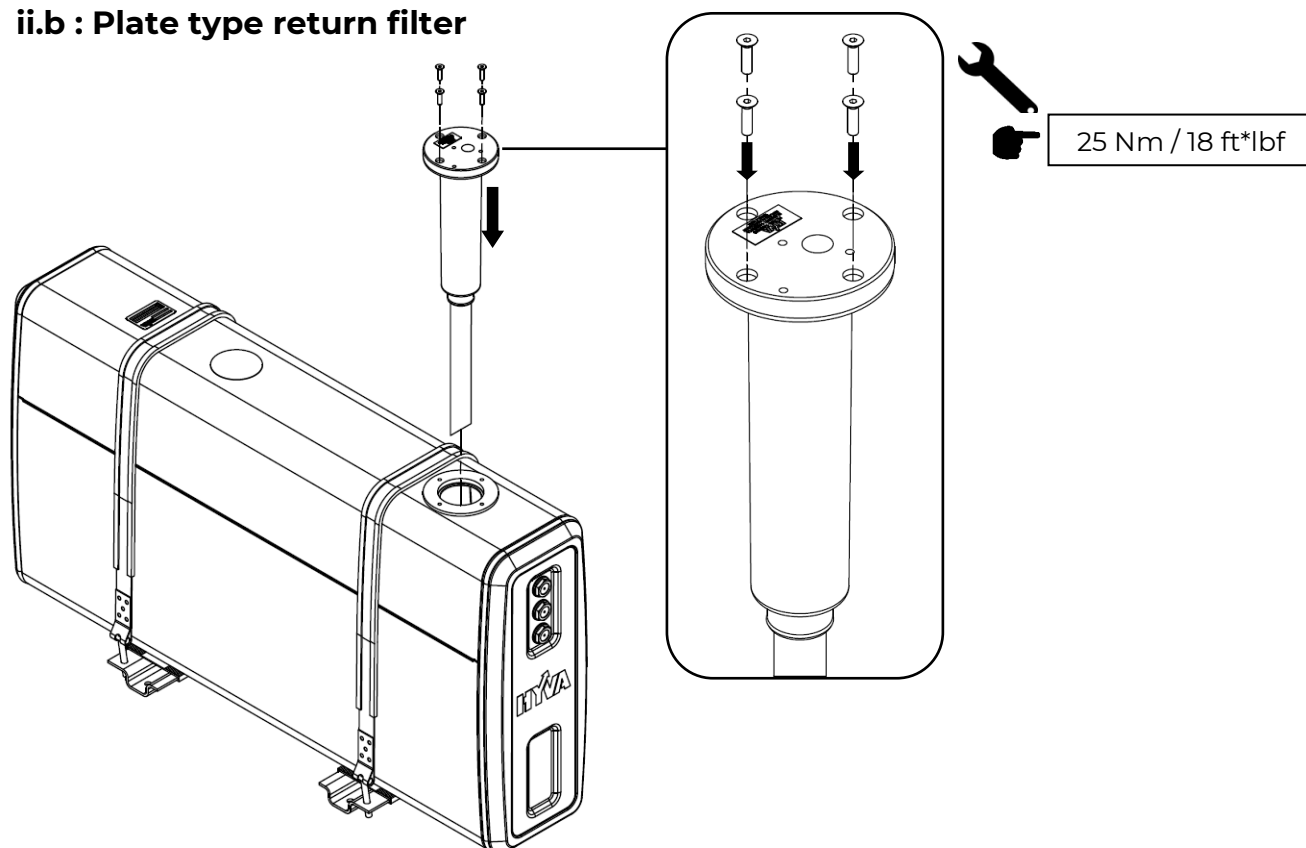


ii. Mount the return filter

ii.a : House type return filter

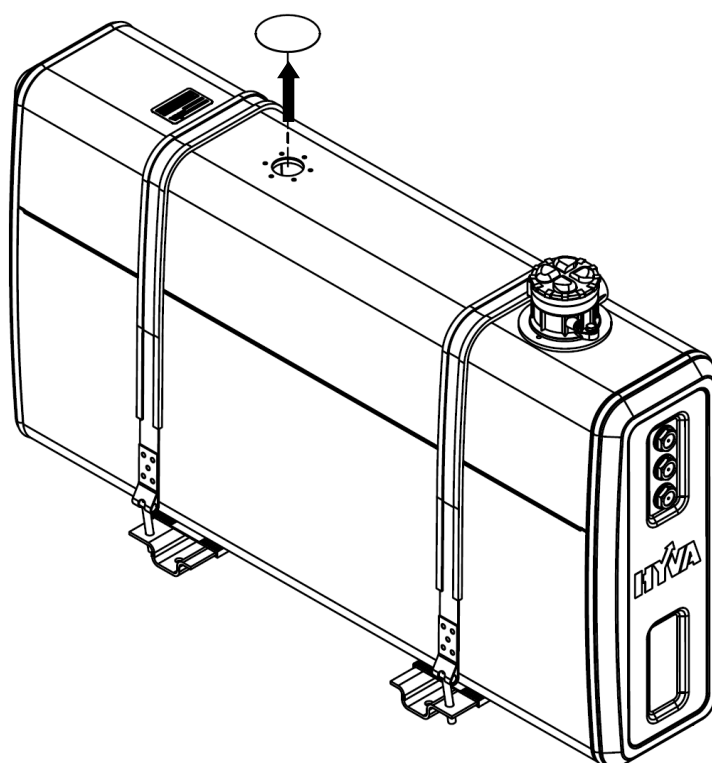


ii.b : Plate type return filter

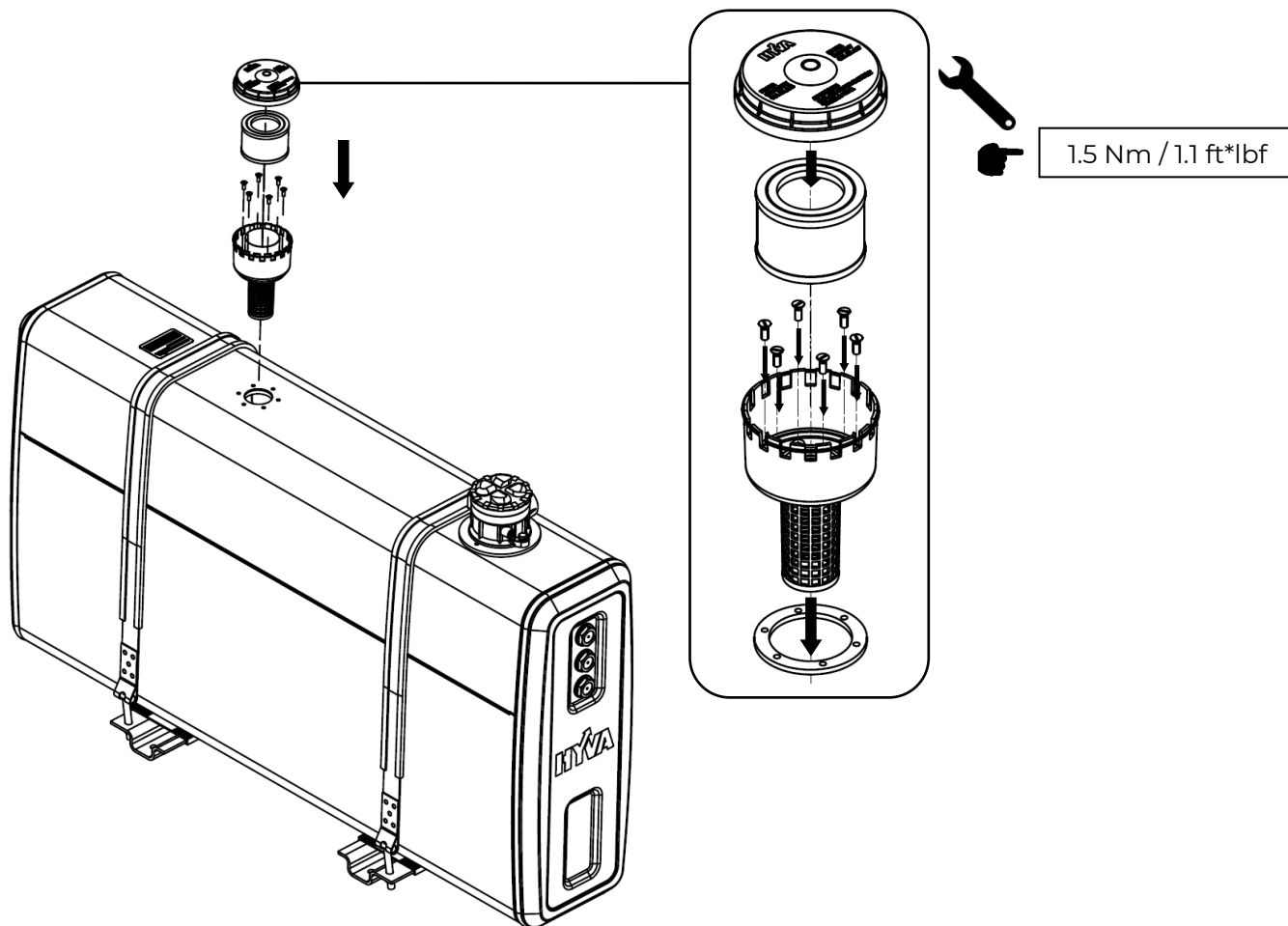


iii. Mount the air breather

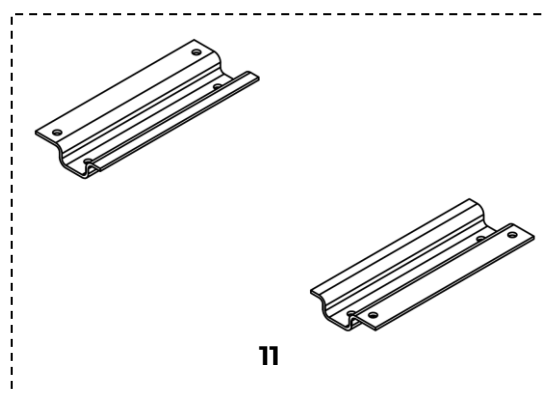
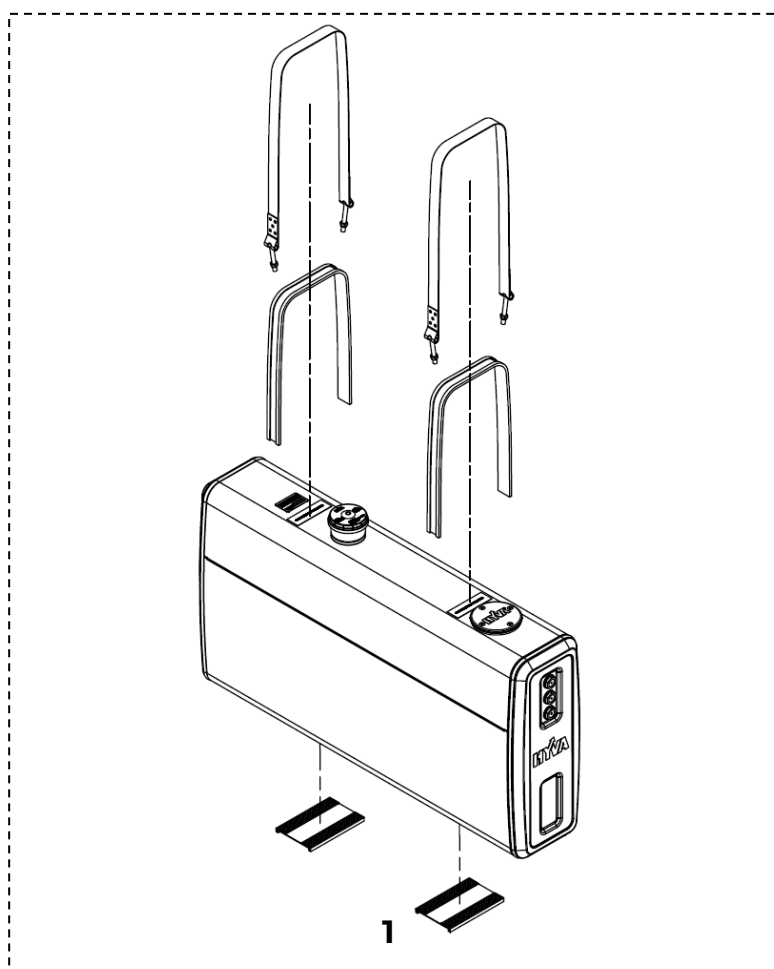
iii.a : Remove the sticker



iii.b : Install the air breather

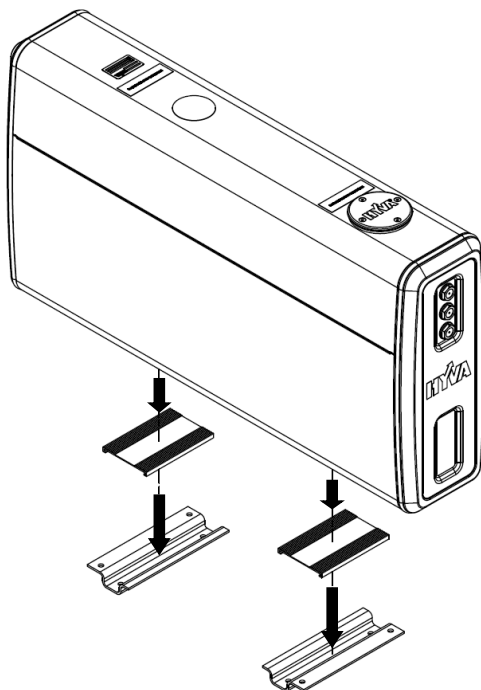


C. STANDARD MOUNTING KIT ASSEMBLY

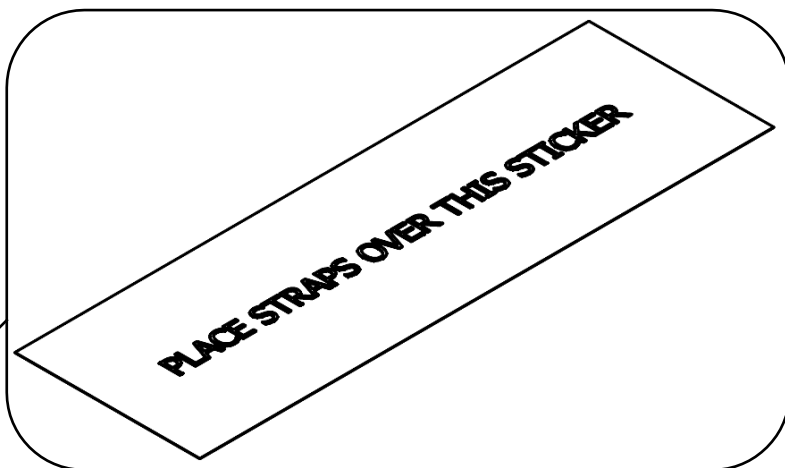
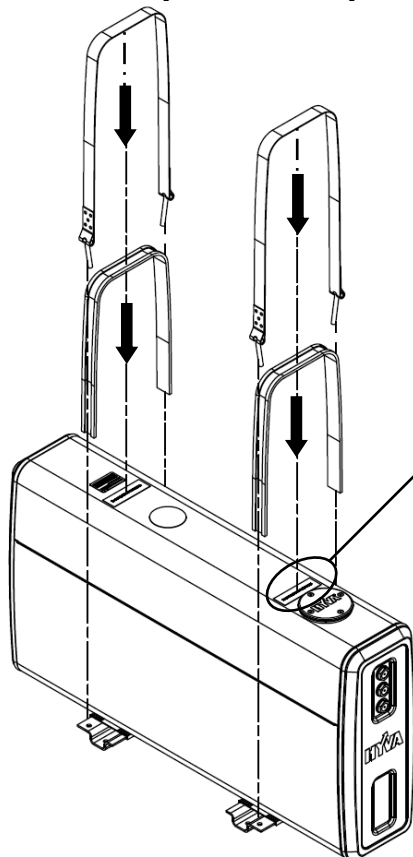


No.	Description	Qty
1	Standard HYVA Rear Mounted Oil tank	1
STANDARD MOUNTING KIT		
11	Support bracket	2

i. Place tank on the bracket along with the support rubbers



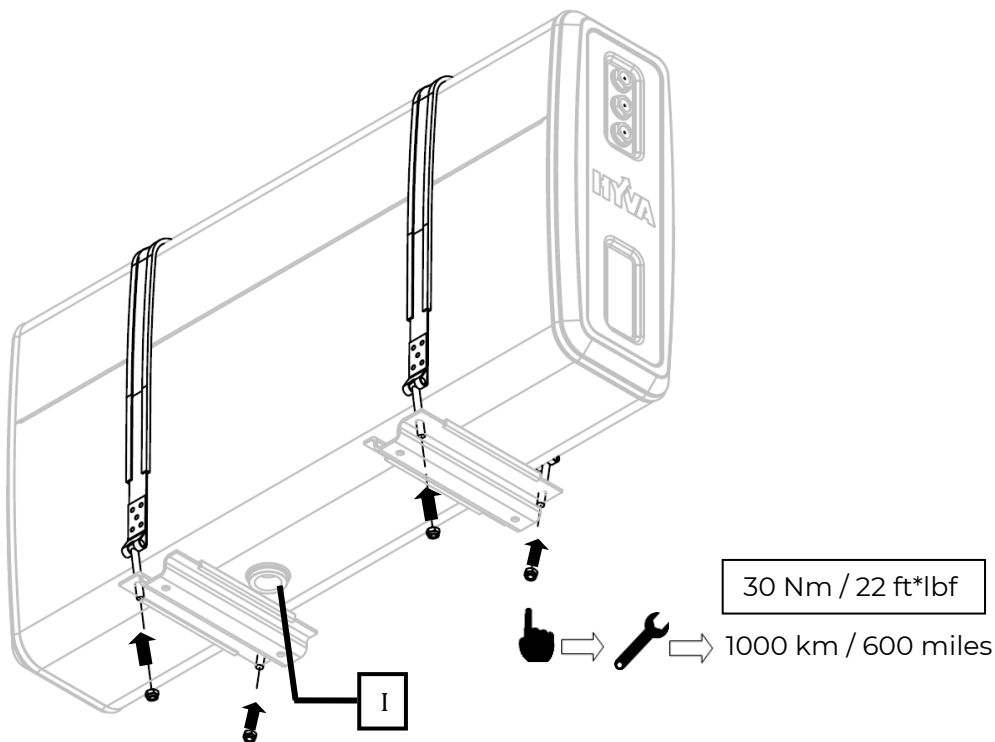
ii. Place straps and strap rubbers on the specified locations.



Note : The straps shall be placed only on the position sticker.

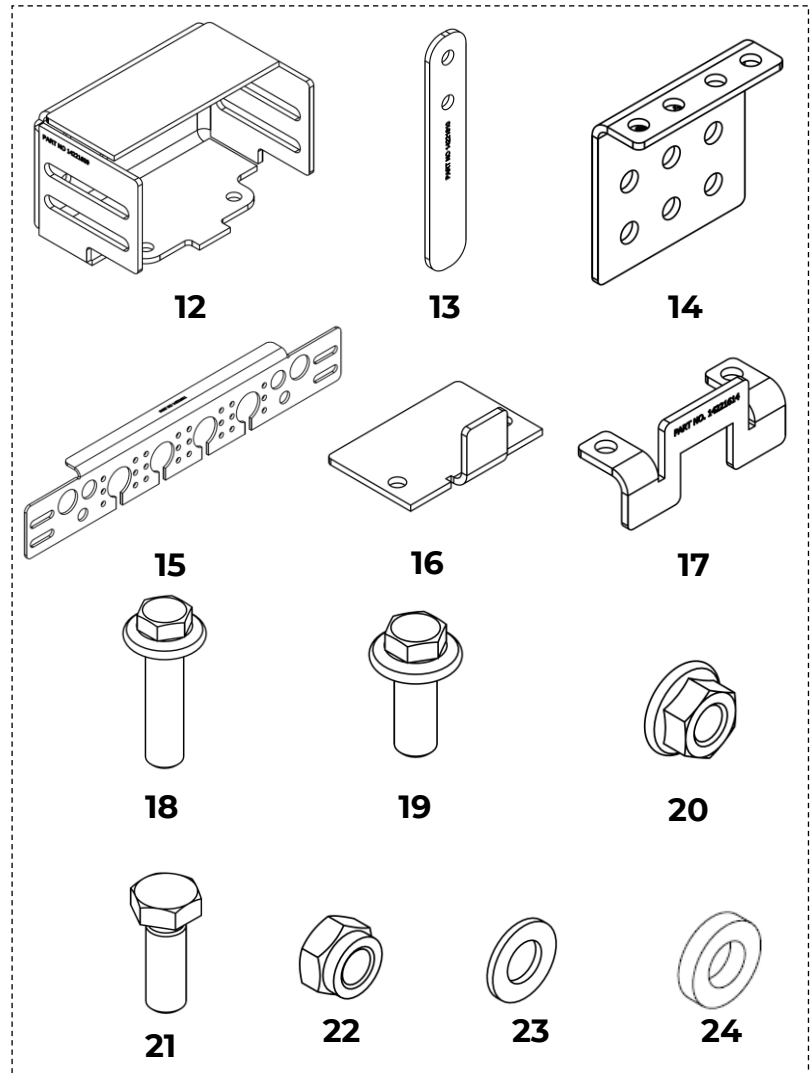
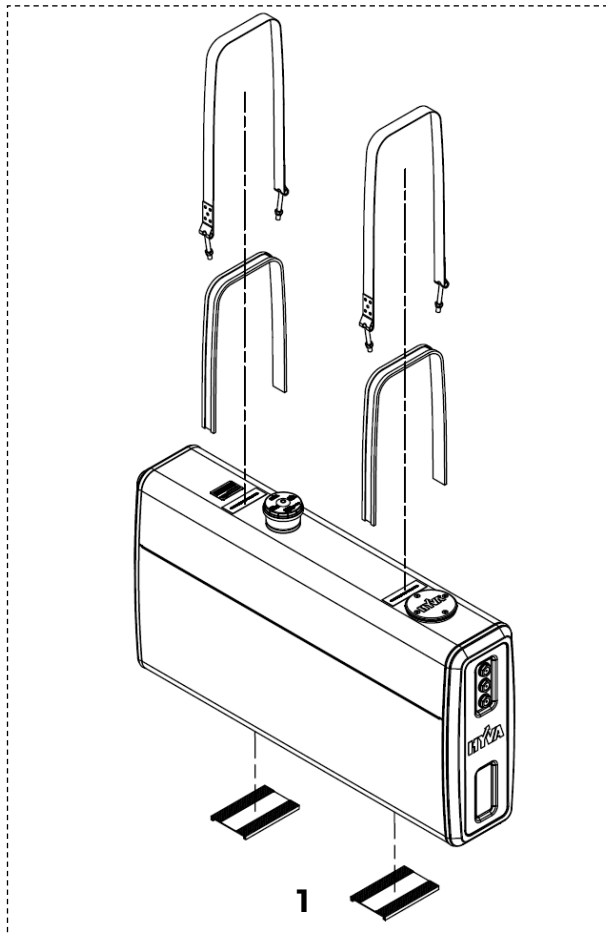
It is not allowed to change the strap position other than on the specified sticker.

iii.



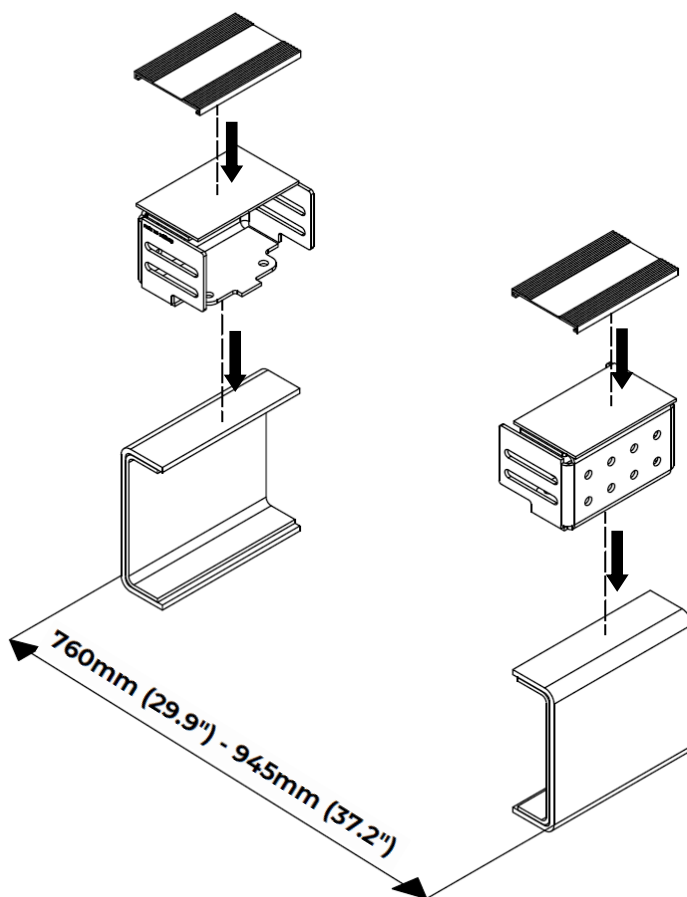
Note : The rear mounted tank with the support shall be rigidly mounted on the truck without any dampers

D. EASY MOUNTING KIT ASSEMBLY

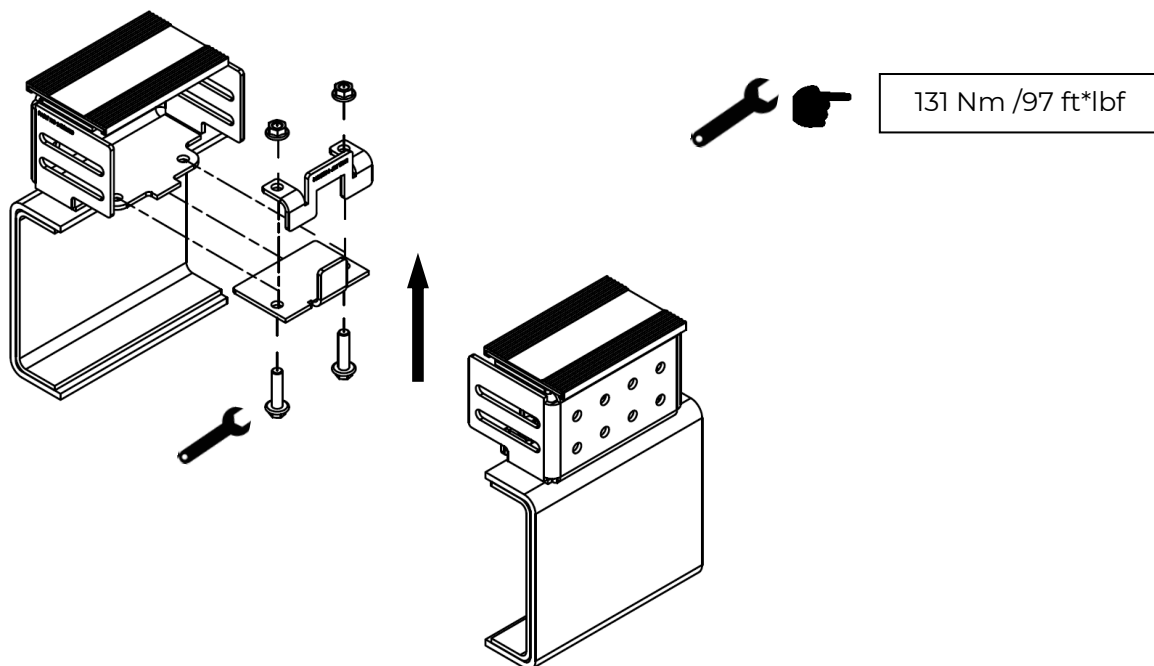


No.	Description	Qty
1	Standard HYVA Rear Mounted Oil tank	1
EASY MOUNTING KIT		
12	Main bracket weld assembly	2
13	Chassis mounting plate	4
14	L mounting profile	4
15	Multifunction strip	1
16	Clamp bottom plate	2
17	Clamp top plate	2
18	Hexagon flange bolt M14 x 55 DIN 6921	4
19	Hexagon flange bolt M14 x 35 DIN 6921	8
20	Hexagon flange nut M14 DIN 6923	12
21	Hexagon head bolt M14 x 40 DIN 933	16
22	Hex. locking nut M14 DIN 985	16
23	Plain washer M14 x 2.5 mm – Washer B DIN 125A	32
24	Thick Plain Washer M14 x 6 mm – Washer A DIN 125A	4

i. Place the Main bracket along with the support rubbers on the chassis

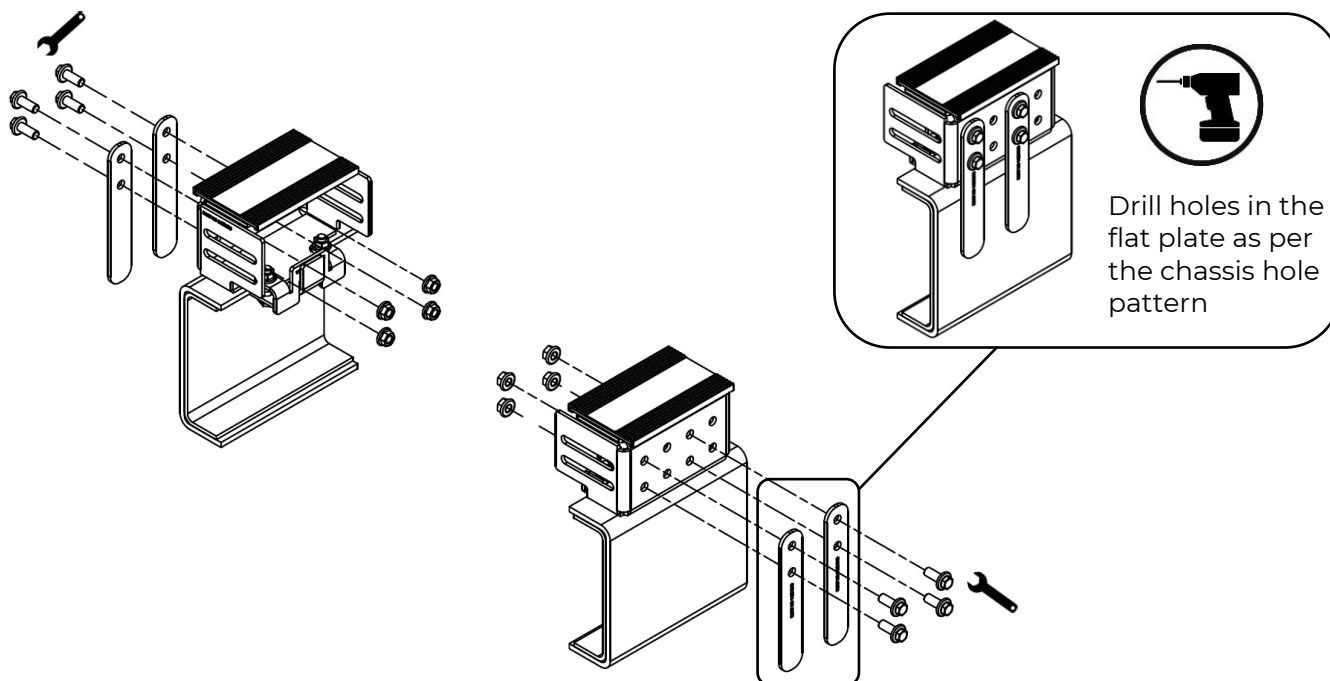


ii. Mount the clamp bottom and top plate with right torque on both sides



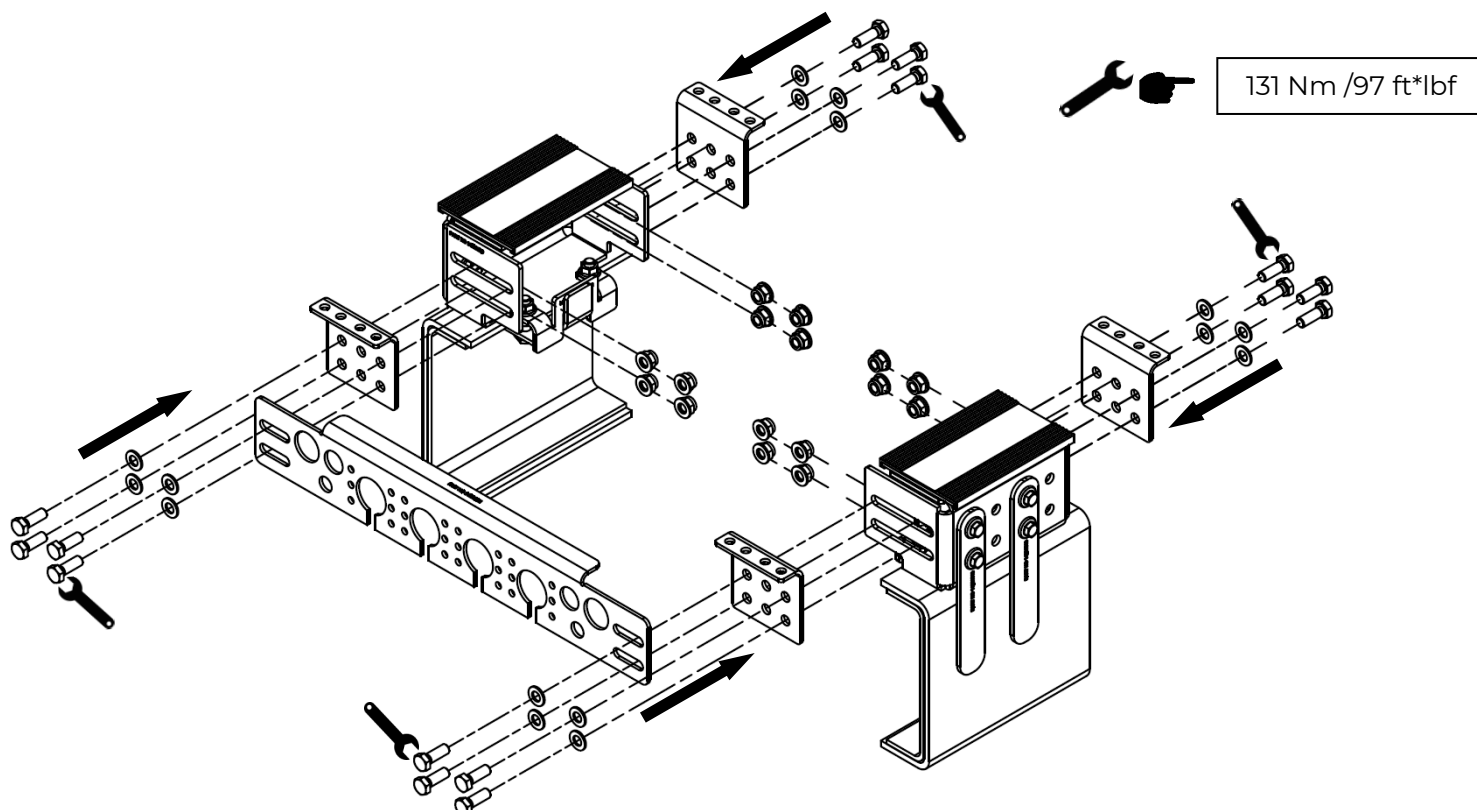
ATTENTION! : Add the washers in here. See APPENDIX I: Adding washers for clamping Mounting Kit (Page 23)

iii. Place the chassis mounting plates and drill the holes as per the chassis hole pattern.

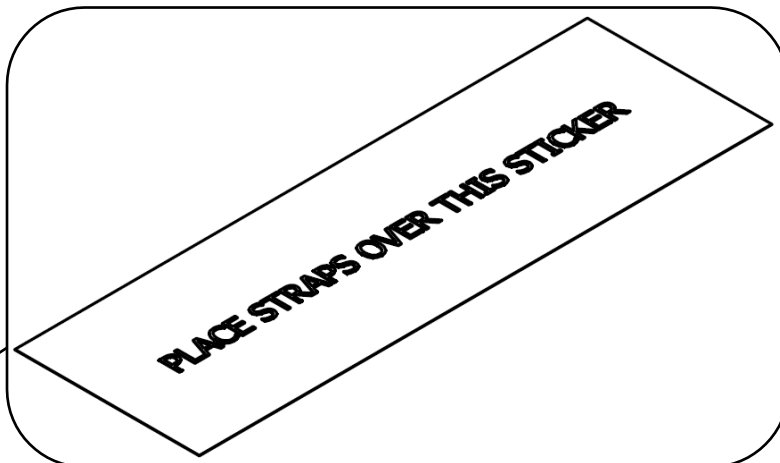
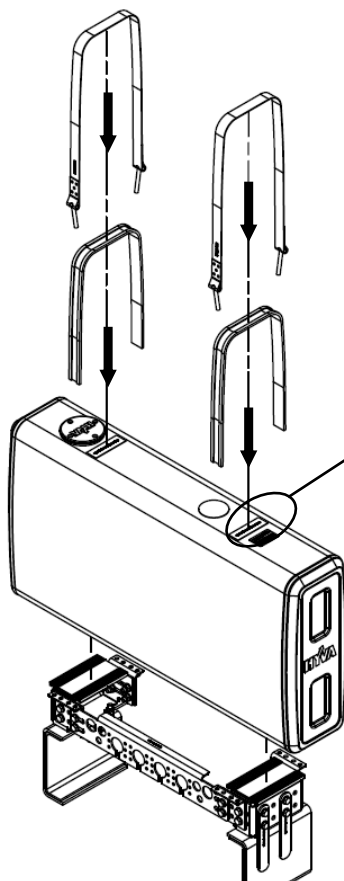


Note : For chassis bolts please refer the bolt size as per the body builder catalogue of given truck brand. For heavy duty / off road applications it is advised to mount the chassis mounting plates to the truck frame. For other standard applications using the underclamps only is sufficient with recommended torque

iv. Mount the L-mounting profile and the multifunction strip .

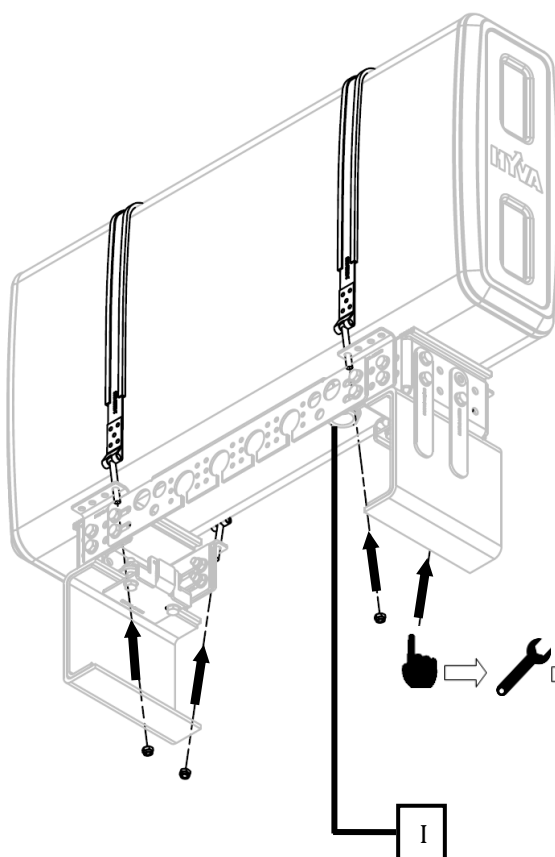


v. Place the tank on the brackets. Place the straps on top of the position sticker.

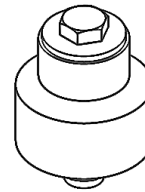
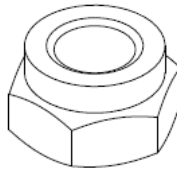
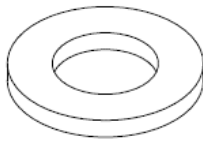
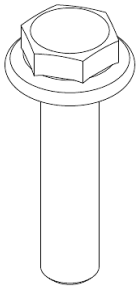
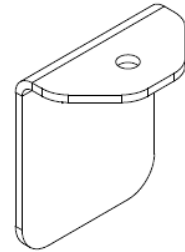
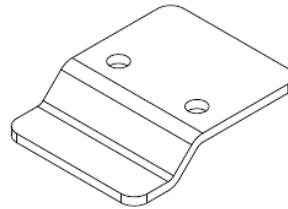
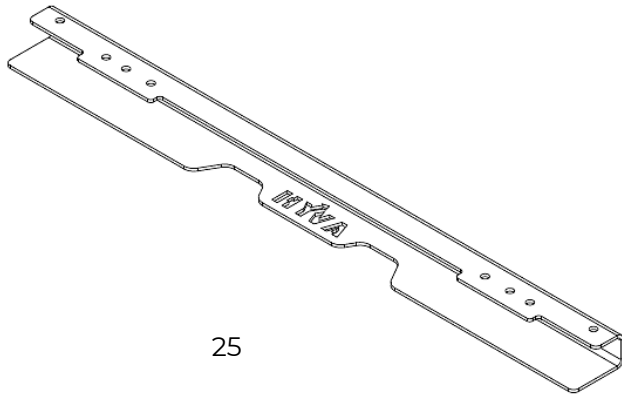


Note : The straps shall be placed only on the position sticker.

It is not allowed to change the strap position other than on the specified sticker.



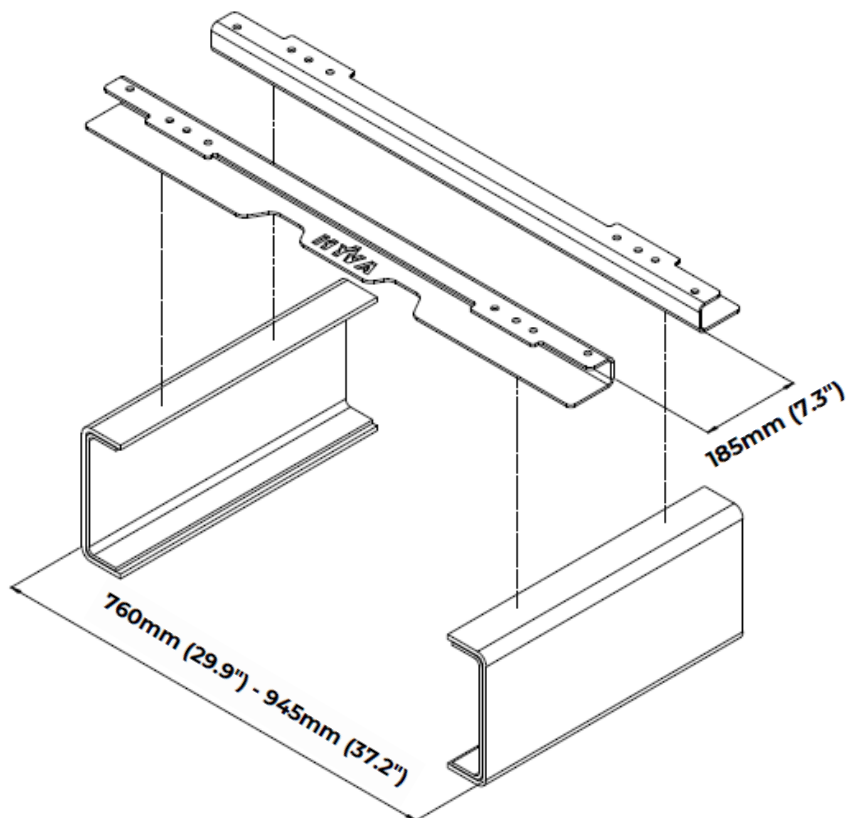
E. QIK MOUNTING KIT ASSEMBLY



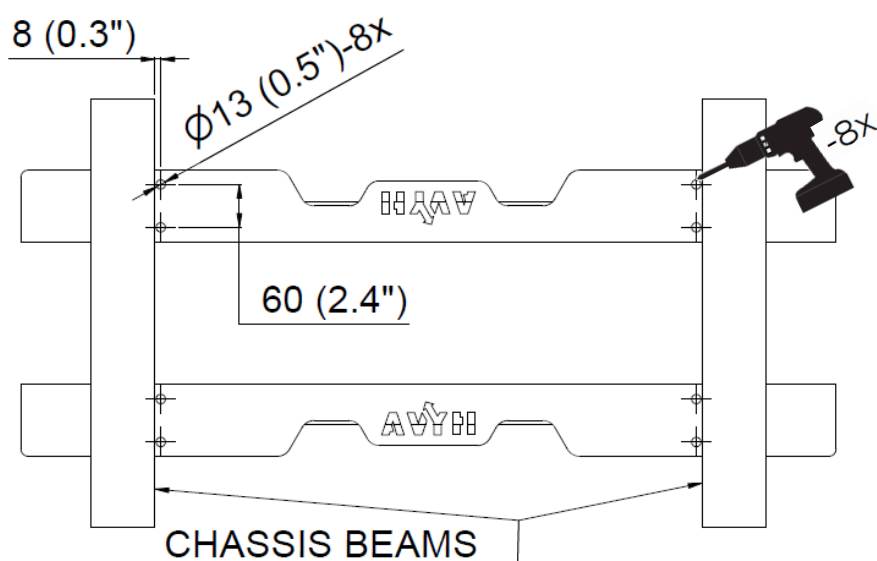
No.	Description	Qty
-	QIK mounting kit	
25	Main profile Qik	2
26	Clamp top plate	4
28	Flange bolt M12 DIN 6921	8
29	Plain washer M12 DIN 125A	8
30	Hex. Locking Nut M12 DIN 985	8
31	Vibration damper	4

No.	Description	Qty
-	Reinforcement bracket kit	
27	Reinforcement bracket	2
28	Flange bolt M12 DIN 6921	6
29	Plain washer M12 DIN 125A	6
30	Hex. Locking Nut M12 DIN 985	6

i. Place the brackets in the center of truck chassis

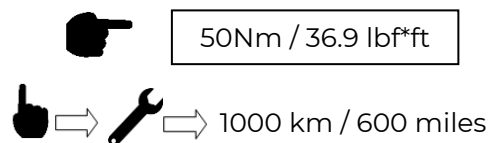
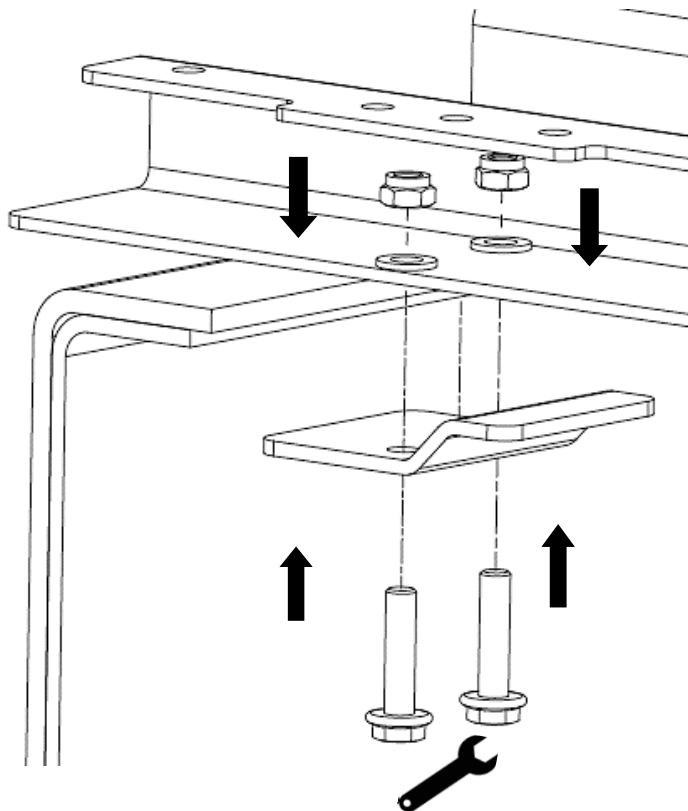


ii. Drill 8 holes 8mm (0.3\") from the chassis edges

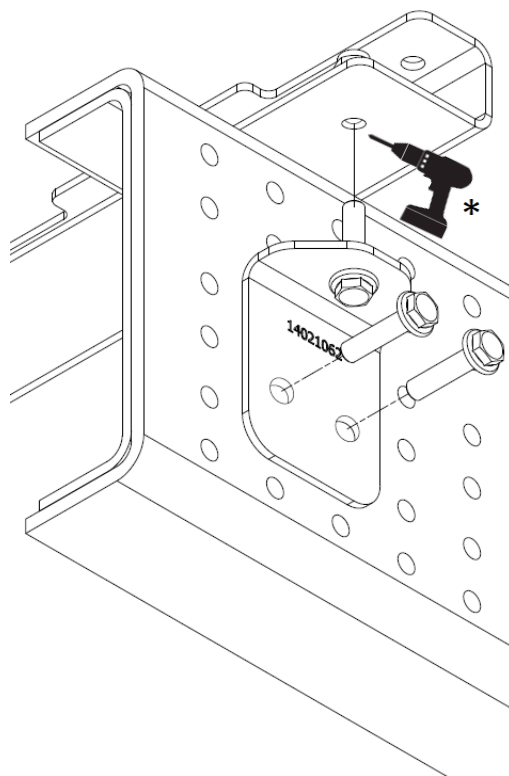
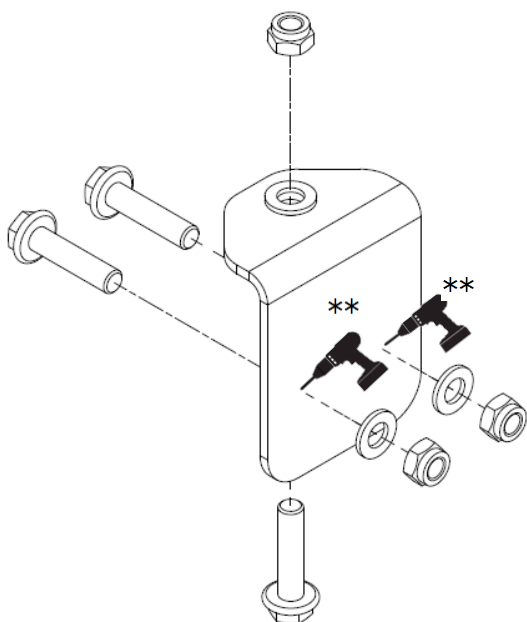


Note: Treat surface after drilling to prevent corrosion.

iii. Place all the 4 clamps & tighten the bolts with 50 Nm (36.9 lbf*ft)



iv. Attention: Advised to use as minimum 2x reinforcement kits in case of off-road application

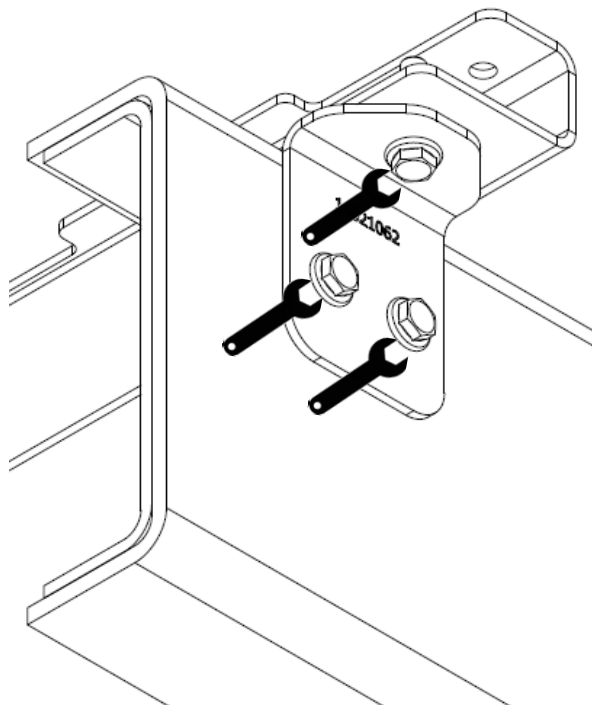


** Drill the holes like chassis pattern of the truck.

* Drill the holes in the QIK mounting Profile.

Note: Treat surface after drilling to prevent corrosion.

v. Tighten the bolts with 50 Nm (36.9 lbf*ft)

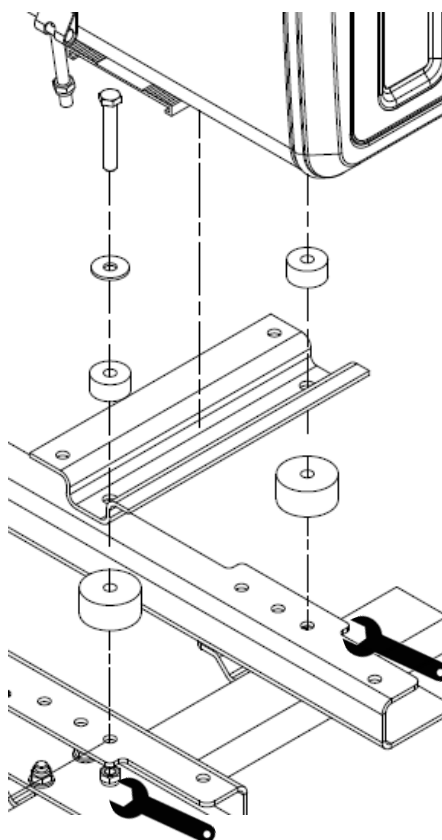
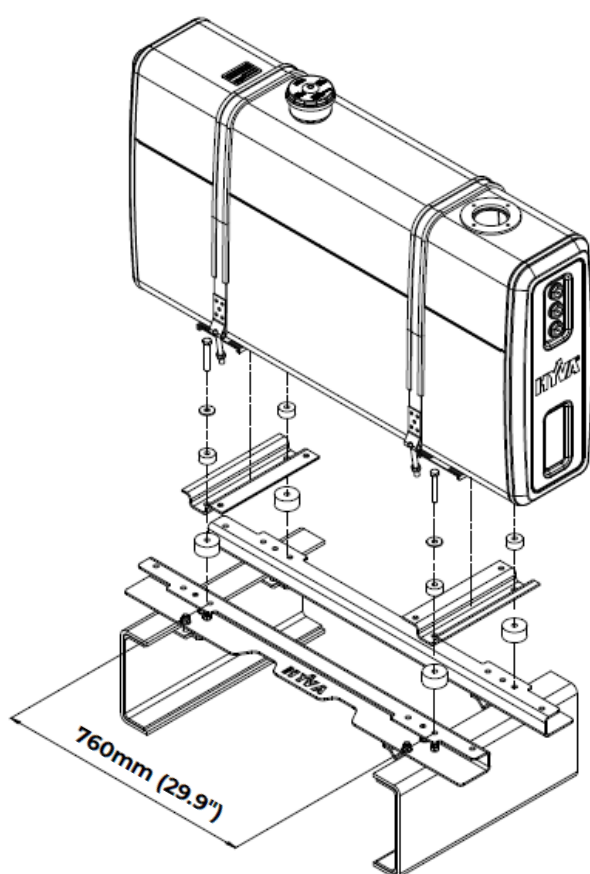


50Nm / 36.9 lbf*ft

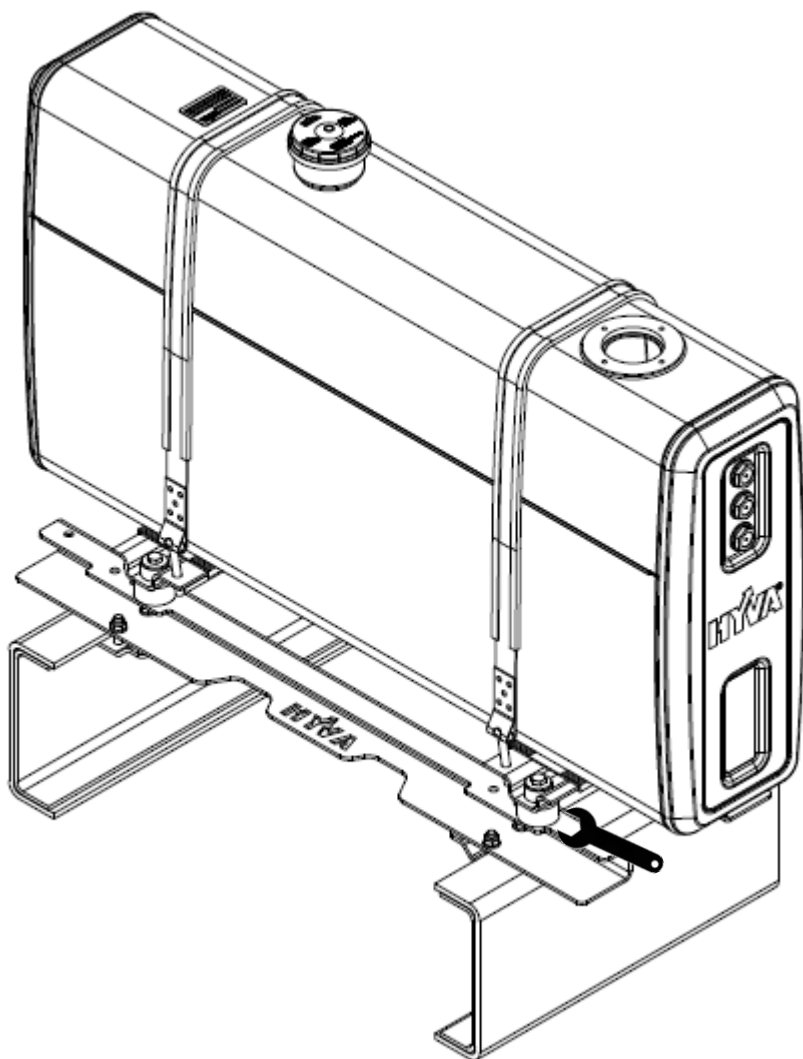


⇒ 1000 km / 600 miles

vi. Mount the vibration damper on the supports & Qik mounting kit



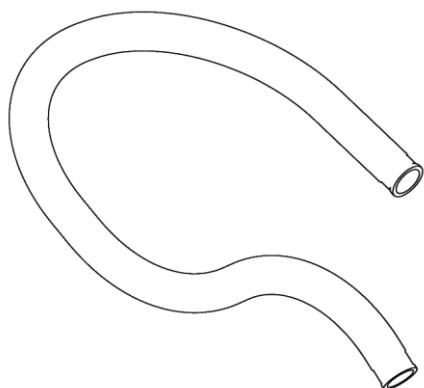
15Nm / 11 lbf*ft



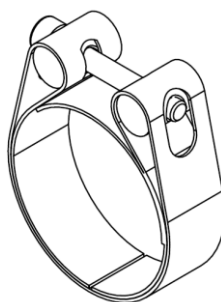
👉 ➡️ 🔧 ➡️ 1000 km / 600 miles

F. SUCTION LINE COMPONENTS ASSEMBLY

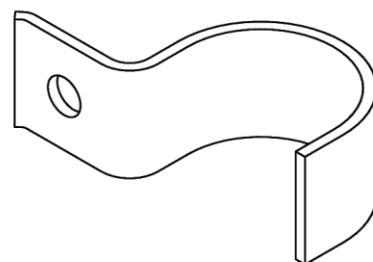
SUCTION HOSE (14 BAR / 7 BAR - 203 PSI / 102 PSI)



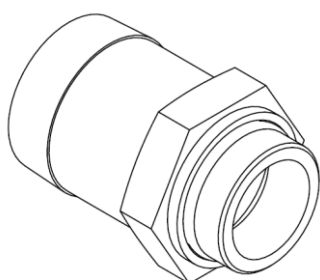
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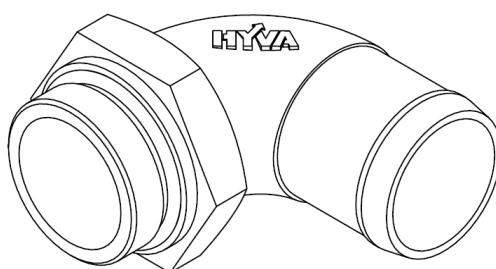
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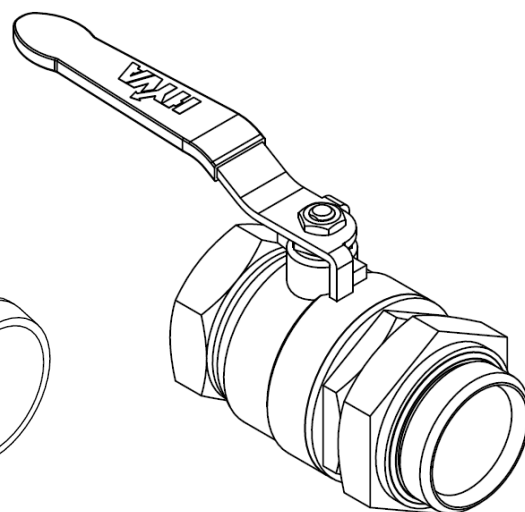
3



4.a



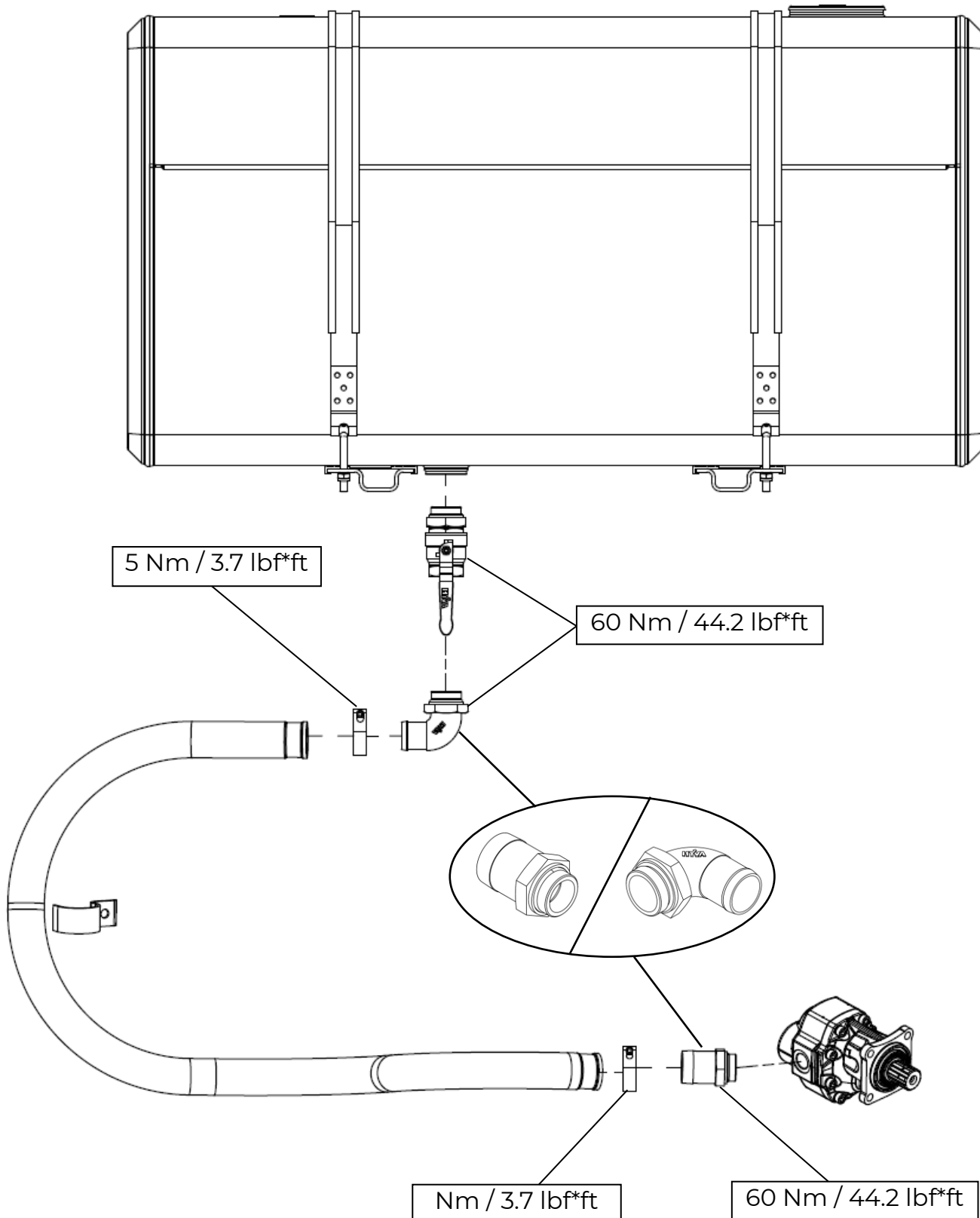
4.a



5

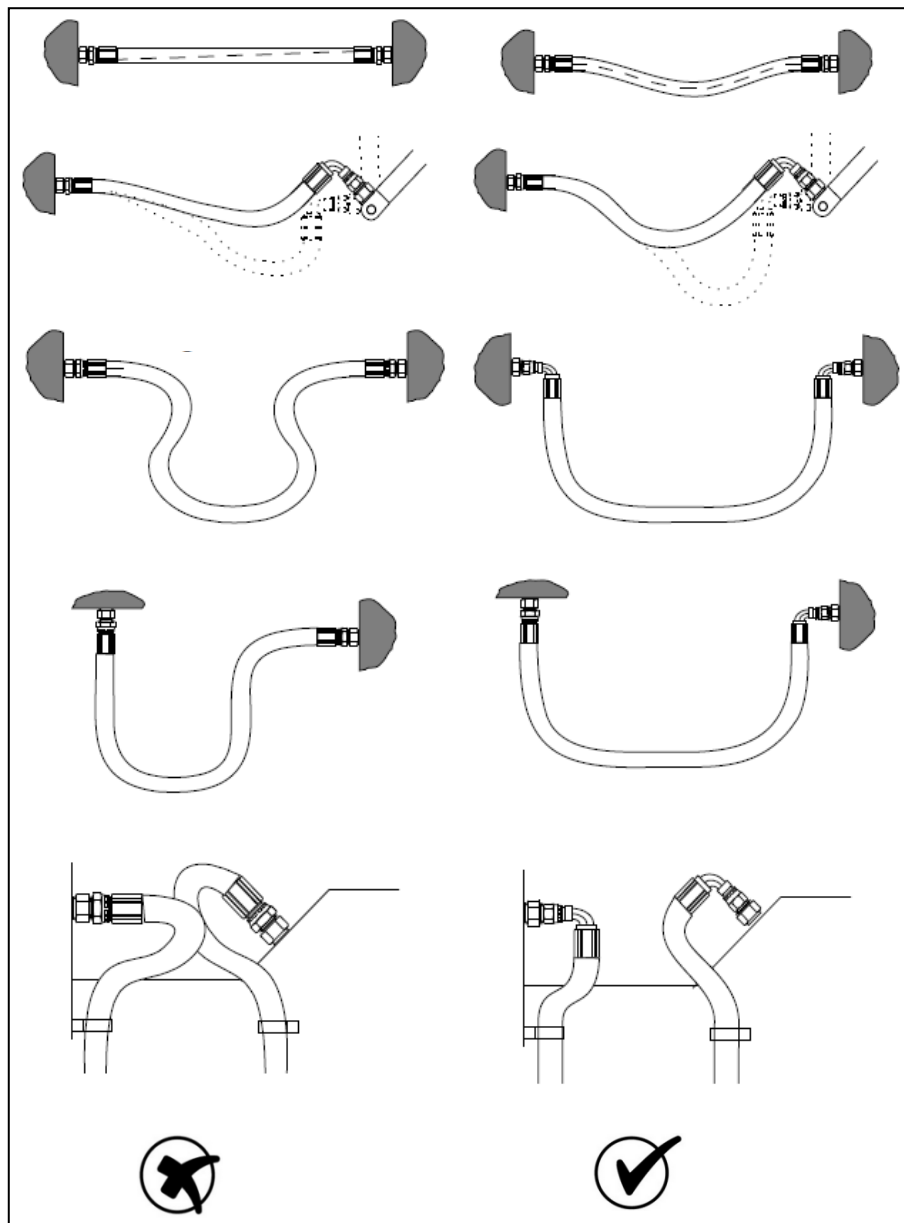
No.	Description	Qty
1	LP hose	1
2	Hose clamp	2
3	Hose clamp chassis	1
4.a	Adapter straight HP	1
4.a	Adapter 90 HP	1
5	Ball valve	1

G. SUCTION HOSE



H. HOSE CONNECTION INSTRUCTION

- All parts should be free from dirt and burrs.
- All lines should be EITHER free OR clamped to prevent unsafe conditions during operation.
- All lines should be fitted without tension or too small bending radius.
- Operating parameters (like pressure, temperature) should be respected



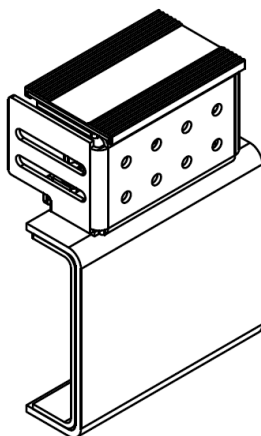
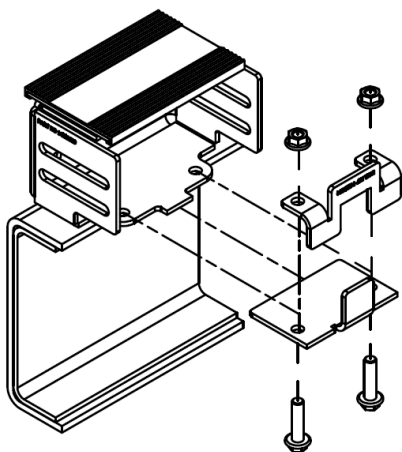
I. APPENDIX I: ADDING WASHERS FOR CLAMPING MOUNTING KIT

Clamping the mounting kit

1. Measurement of truck frame thickness.

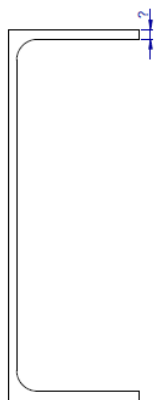


2. Before mounting the clamp bottom and top plate with right torque on both sides, see step 3, for adding washers



3. Add the washers as follows:

Look at the table how much thick washers and standard washers you must add between the clamping plate and the base of Qik mounting kit.



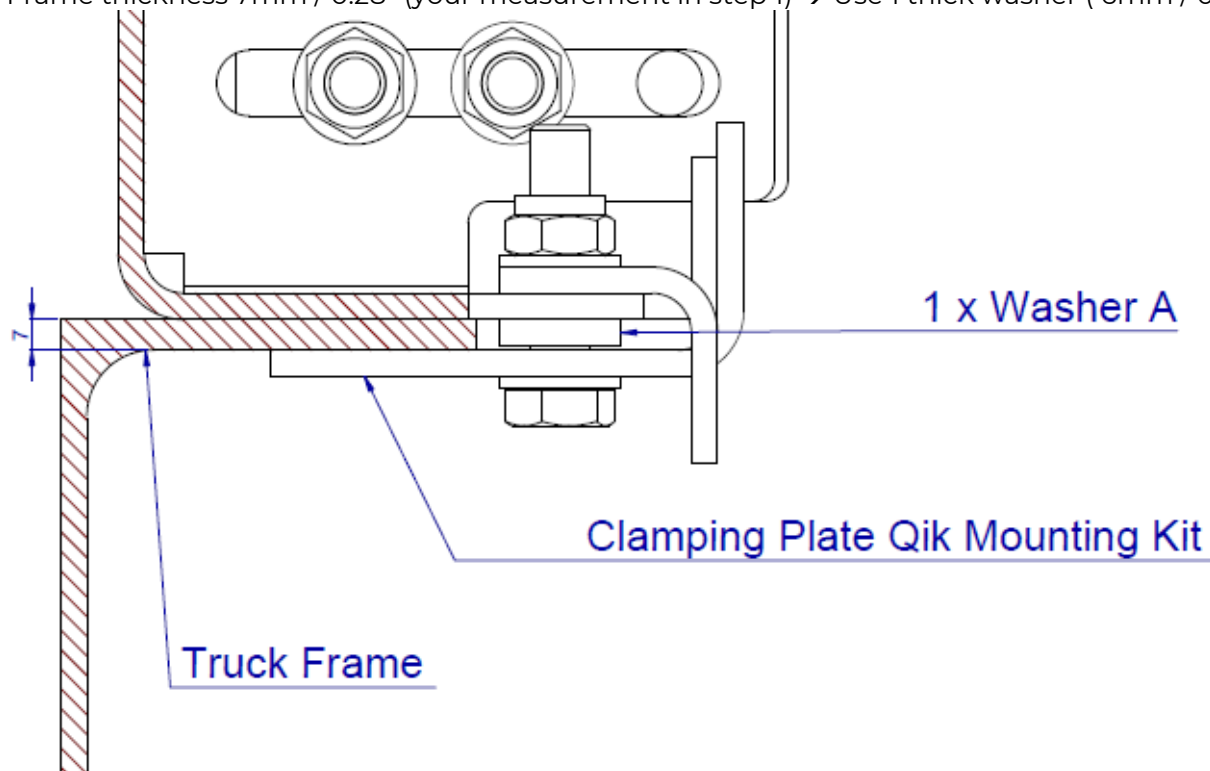
Thickness chassis (Your measurement in Step 1)	Washers A Thickness: 6 mm (0.23")	Washer B Thickness: 2.5 mm (0.1")
6 – 8.5 mm (0.23"-0.33")*	1	0
8.6 – 11 mm (0.33"-0.43")	1	1
11.1 – 12 mm (0.43"-0.47")	1	2
12.1 – 14.5 mm (0.47"-0.57")	2	0
14.6 – 17 mm (0.57"-0.67")	2	1
17.1 – 18 mm (0.67"-0.70")*	2	2
18.1 – 20 mm (0.71"-0.79")	3	0

* See example.

Attention!: the thickness of the washers (in total) must always be less then the thickness of the frame

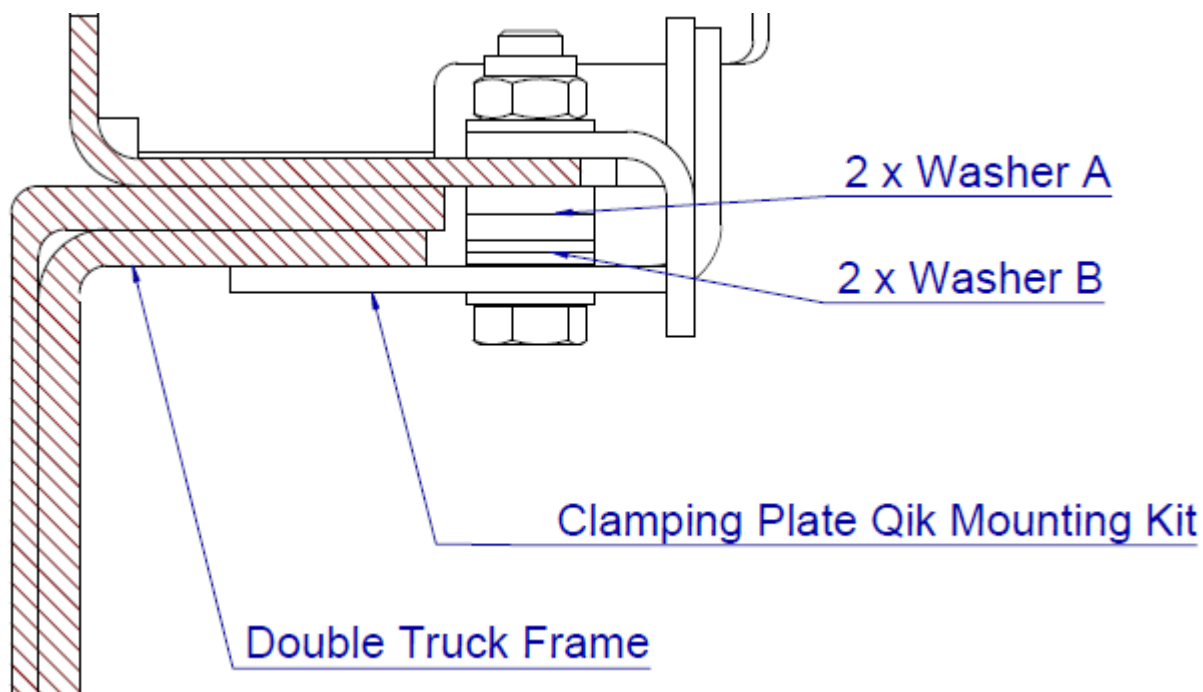
Example 1:

Frame thickness 7mm / 0.28" (your measurement in step 1) → Use 1 thick washer (6mm / 0.23")



Example 2:

Frame thickness 17.5mm / 0.69" (your measurement in step 1) → Use 2 thick washer (6mm / 0.23") and 2 standard washers (2.5mm / 0.1")



4. **Tight the bolt to the right torque (131Nm / 97ft*lbf)**
5. **Go ahead with the next steps of placing the Easy Mounting Kit**