

# KTM 690 2019 aux. tank - Installation manual

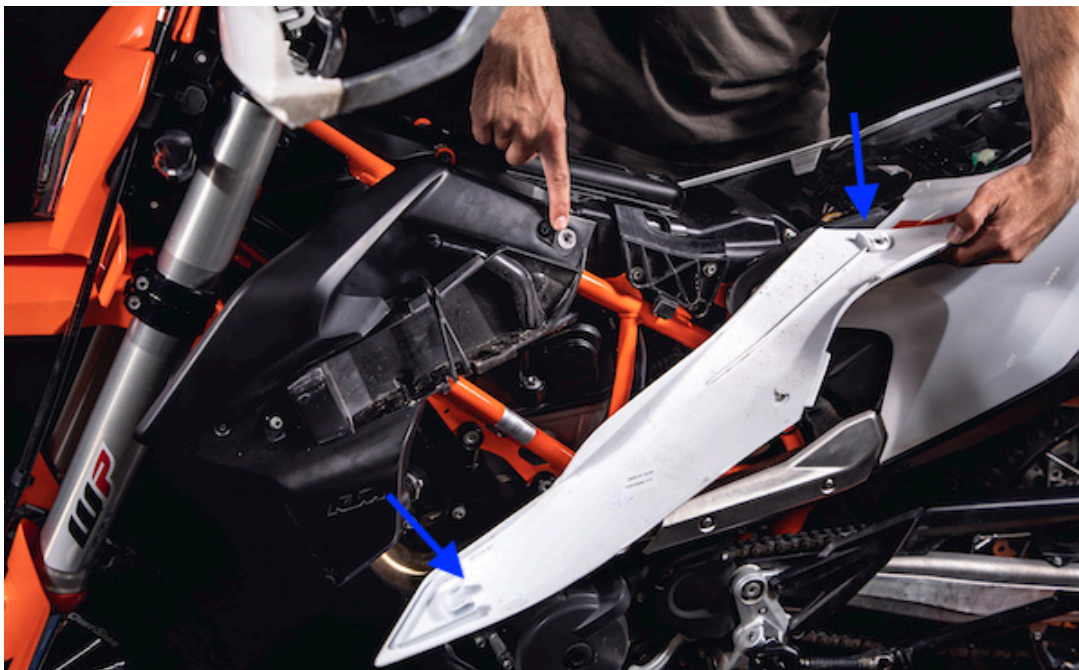
Thank you for purchasing the KTM 690 auxiliary tank from RADE/GARAGE. The installation is straight forward, a but time consuming (up to 3 -4 hours). Ideally drain the main tank the day before.

## 1/ Remove the OEM side panels

a/ Remove the seat. The panels are held by pins so you must first push out in the area of my thumbs as in the picture.



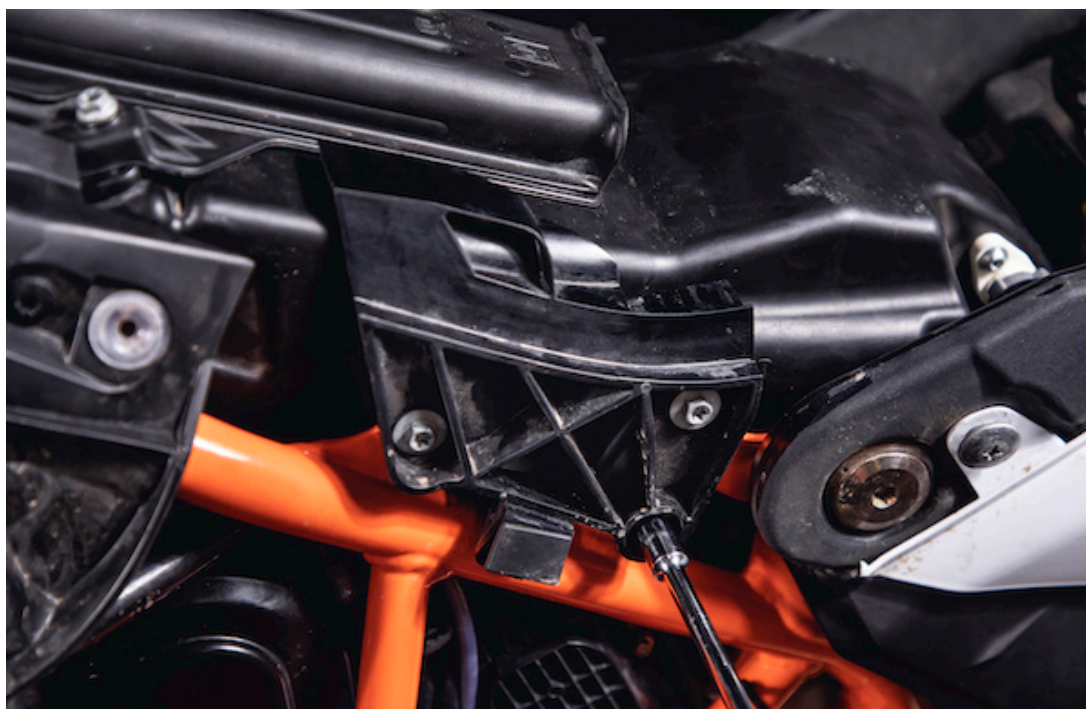
b/ There are also two plastics hooks so carefully lift and slide out forward.



c/ Now take a larger flathead screwdriver and lift the ignition cover. It is held also by two pins.



d/ Remove the plastic seat support.





e/ Remove the black side panels.



**2/ Remove the OEM airbox**

a/ Start with the seat locks



b/ Next remove the four bolts holding the OEM airbox. Note: on the right side the access to the front bolt is hidden under the small radiator. Therefore, you have to remove the radiator first.



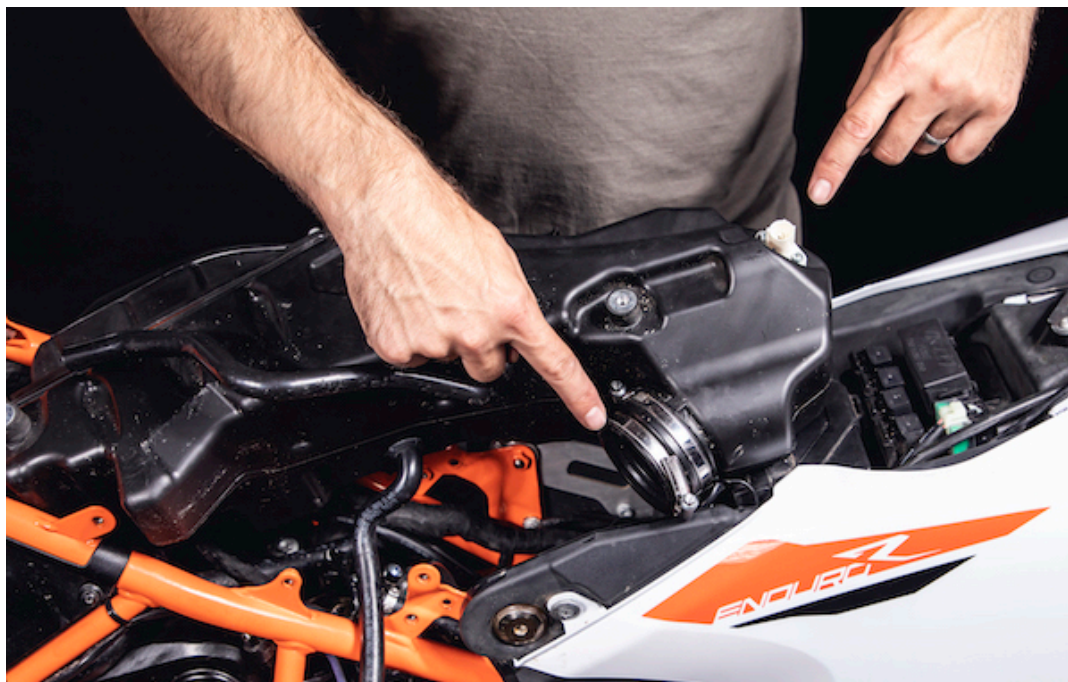
c/ On the left side of the bike... loose the sleeve holding the air box flange. Note, there are two sleeves – loose the one closer to the engine! Then take again big flathead screwdriver and push the flange out of the engine suction neck and remove the air box.



**Note:** It will hang on two tubes... one from left and second from down right. Disconnect them.



d/ Now take out the OEM air box. Remove the temperature sensor holder and take out the original flange. You will need it for the small air box.

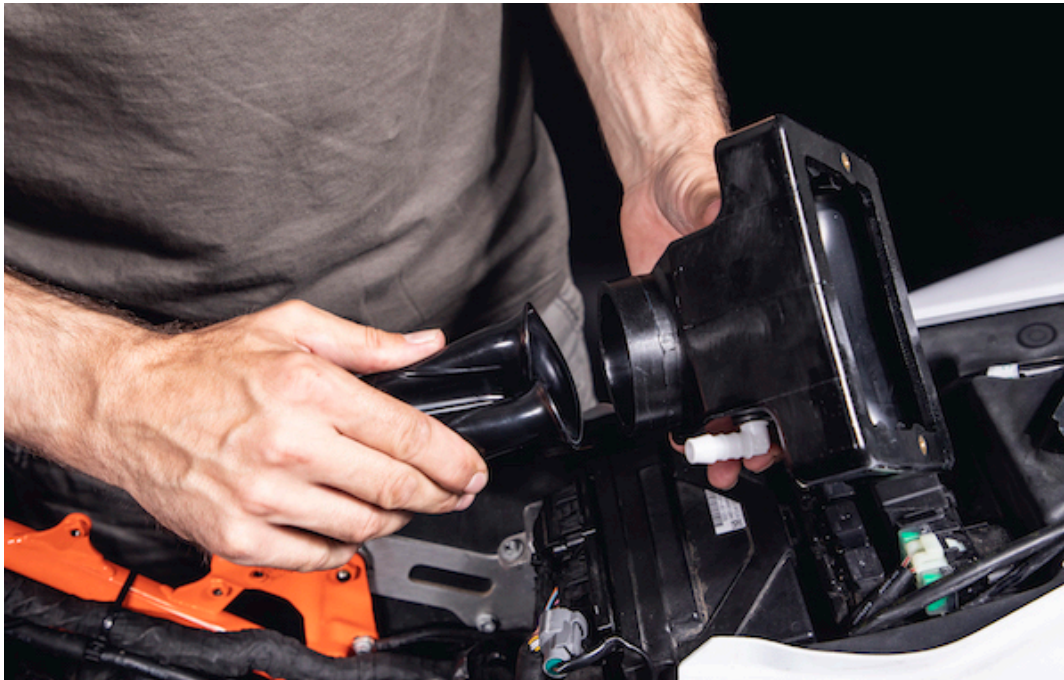


### 3/ Prepare the small air box

a/ Use the OEM screws to mount the temperature sensor holder to the small air box



b/ Squeeze the original flange as in the picture and insert it into the small air box.



c/ Attach the pink vent tube and then fit the small airbox back on the engine suction neck.

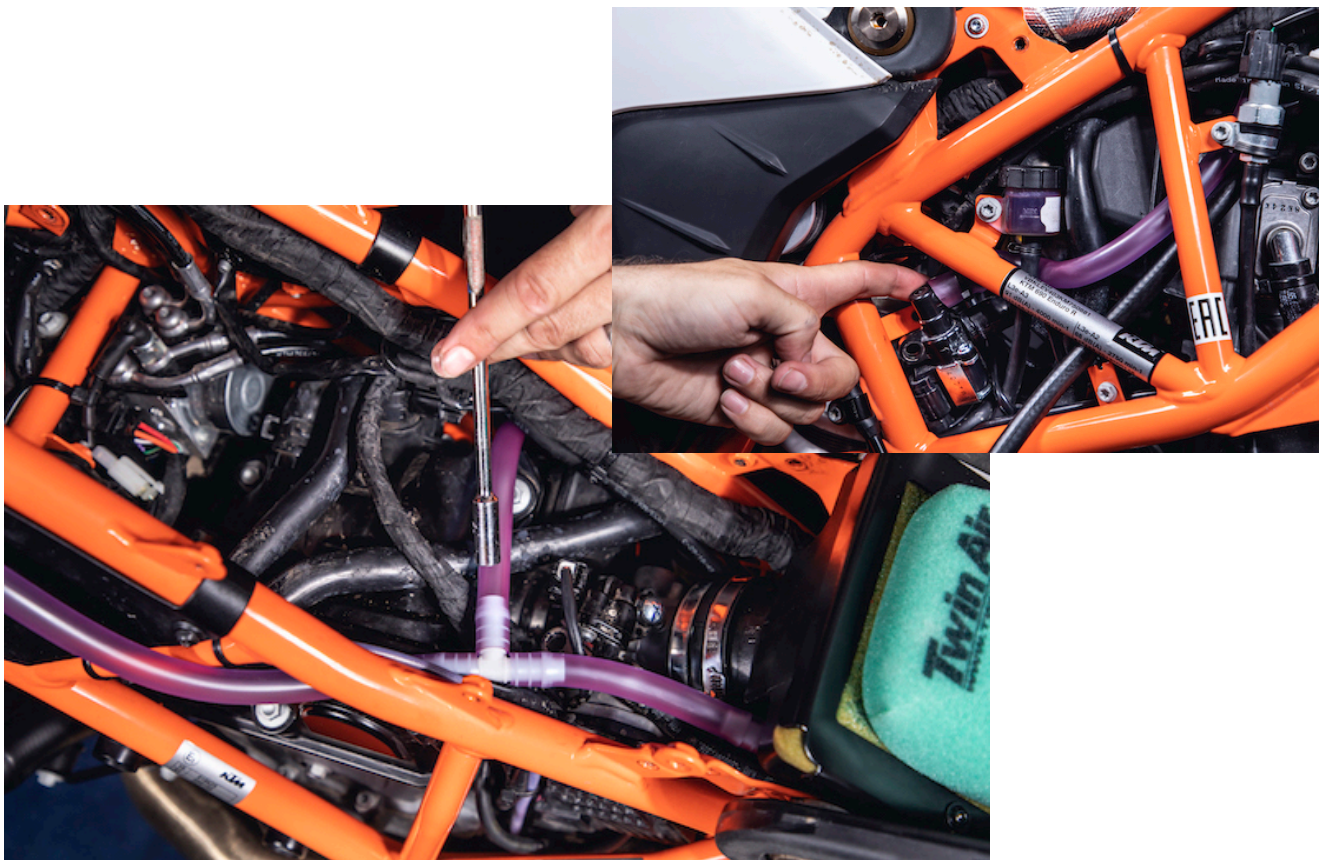




d/ Use the cage and frame to mount the foam filter (ensure it is pre-oiled).



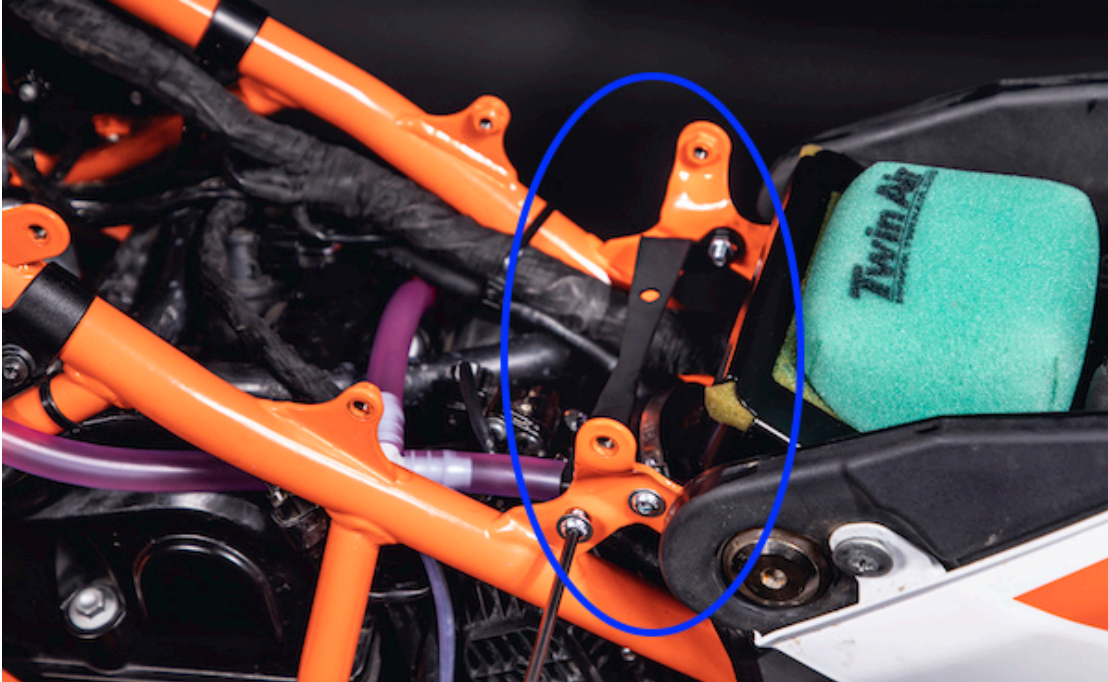
e/ Cut the vent tube and insert the T-connector and line one tube to the right side down to SAS.



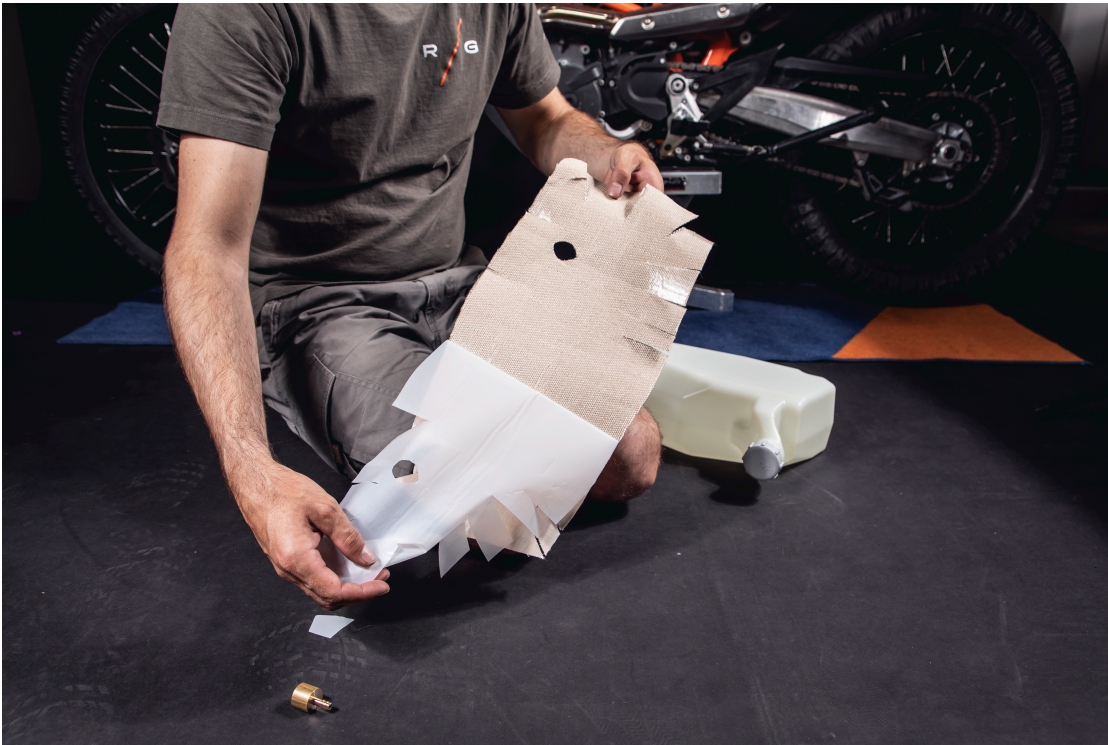


#### 4/ Prepare and fit the tank

a/ Start with mounting the bracket. Make sure you mount it as in the picture! Two bolts and nuts hold the tank and two bolts holds it in the position.



b/ Install the heat shield from ThermoTec on the tank. For easier installation you get the sticker in 2-3 pieces.





c/ Remove the OEM grommets and use the supplied threat inserts instead.



d/ Now place in the tank. Before you start make sure you lined correctly the fuel line to the ride side of the bike... (see picture below – you want to avoid the fuel line being squeezed)

In front the tank sits on the diagonal frame tube and in the back on the mounted bracket.



e/ To secure the tank, prepare the Velcro strap. Wrap it around the frame, go over the tank, under the frame on the other side and press the tank down to the frame and bracket, secure the Velcro.



f/ Mount the carbon cover with M5x40 bolts





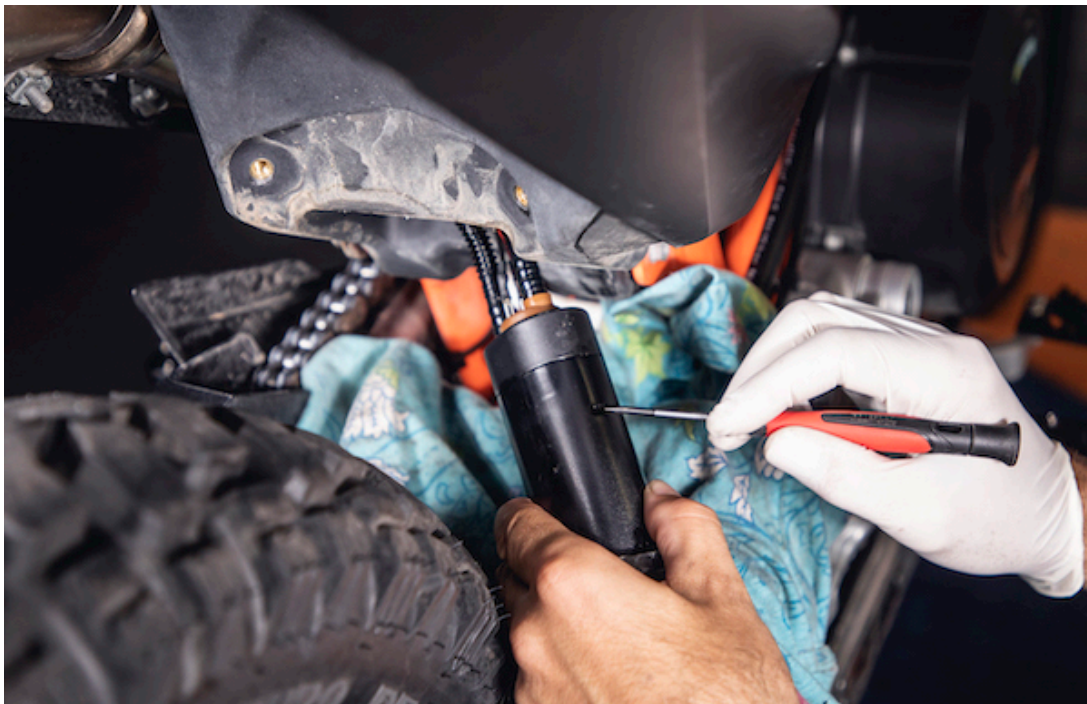
## 5/ Connect the tanks

a/ Remove the mudguard only. The wheel can stay.



b/ Take out the OEM fuel pump. **NOTE:** be careful when taking it out, because it hangs on many cables and you don't want to damage them. Also a small amount of gas may spill out, have a rag ready.

When you get it out, use small screw driver to unlock the plastic cover.



c/ Against the spacer outflow drill a hole diameter 8-10mm. Before you insert the spacer put the fuel tube on the banjo. It is easier to do when removed. **But do NOT tight the banjo bolt yet!**

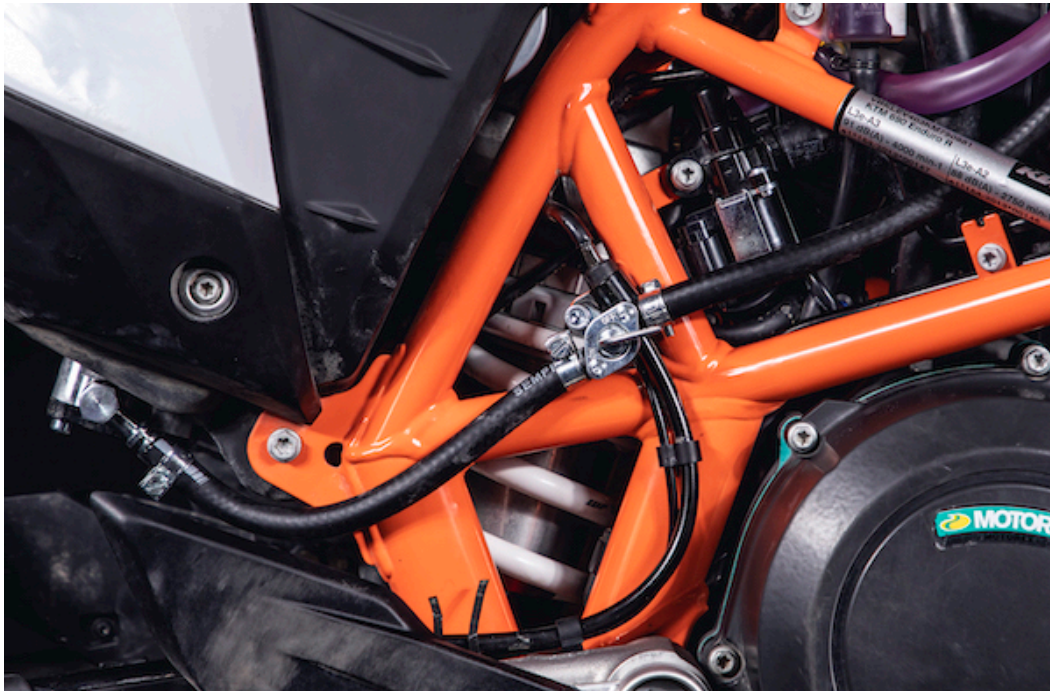


d/ Bolt on the spacer with supplied bolts. Be careful to don't destroy the threads in your tank. When it is done, put back the mud guard.





e/ Use supplied bolt and spacer to mount the fuel on/off valve.



f/ Now you can tight the banjo bolt.



Congratulation! The installation is finished and you can start enjoying your extended fuel range ☺

Thanks again for your purchase. If you like our products, post on Facebook in your favorite group or wall and tag us!

**RADE/GARAGE team**

For any questions or feedback, please post here: <https://advrider.com/f/threads/rade-garage-kits-and-accessorries-for-husqvarna-701.1337995/>