

KTM EXC/HSQ FE Rally kit installation manual

Thank you for purchasing the KTM EXC/HSQ FE Rally kit from RADE/GARAGE. The installation takes about 3-4 hours but does not require a high-level mechanical skill set. Following the manual step by step will save you some time, since the installation needs to be done in certain order.

Note – the manual photos are using KTM EXC, but the setup is the same on Husqvarna FE.

Note – we recommend using Loctite for all bolt that are not secured by nuts

0/ See your bike before and after the RR kit is installed



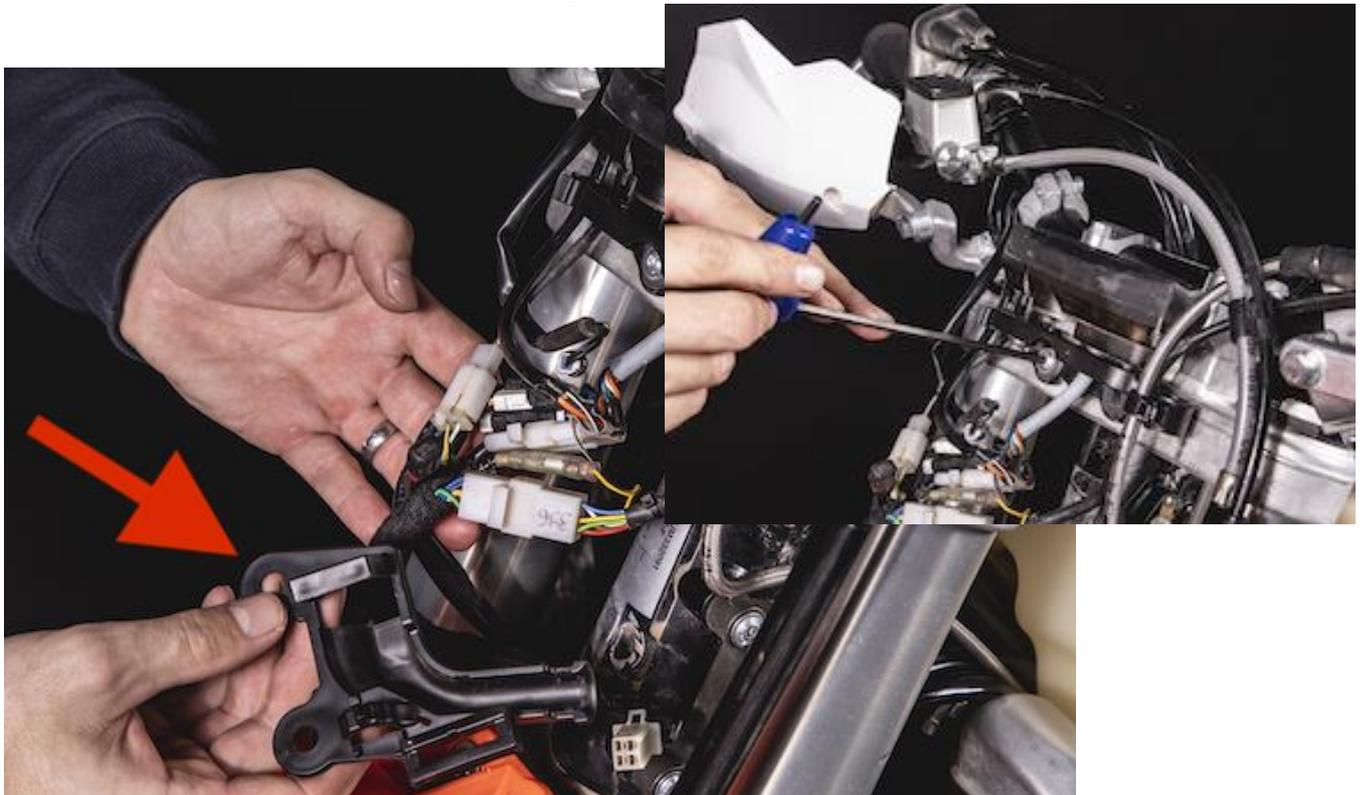
1/ Remove the OEM mask and speedo

a/ Unlock the rubber ties and by dragging the mask up remove it



b/ Cut carefully the zip ties and remove the black plastic holder of the electric cables. Also remove the speedo holder and disconnect the speedo.

NOTE: don't disconnect any cables at this stage



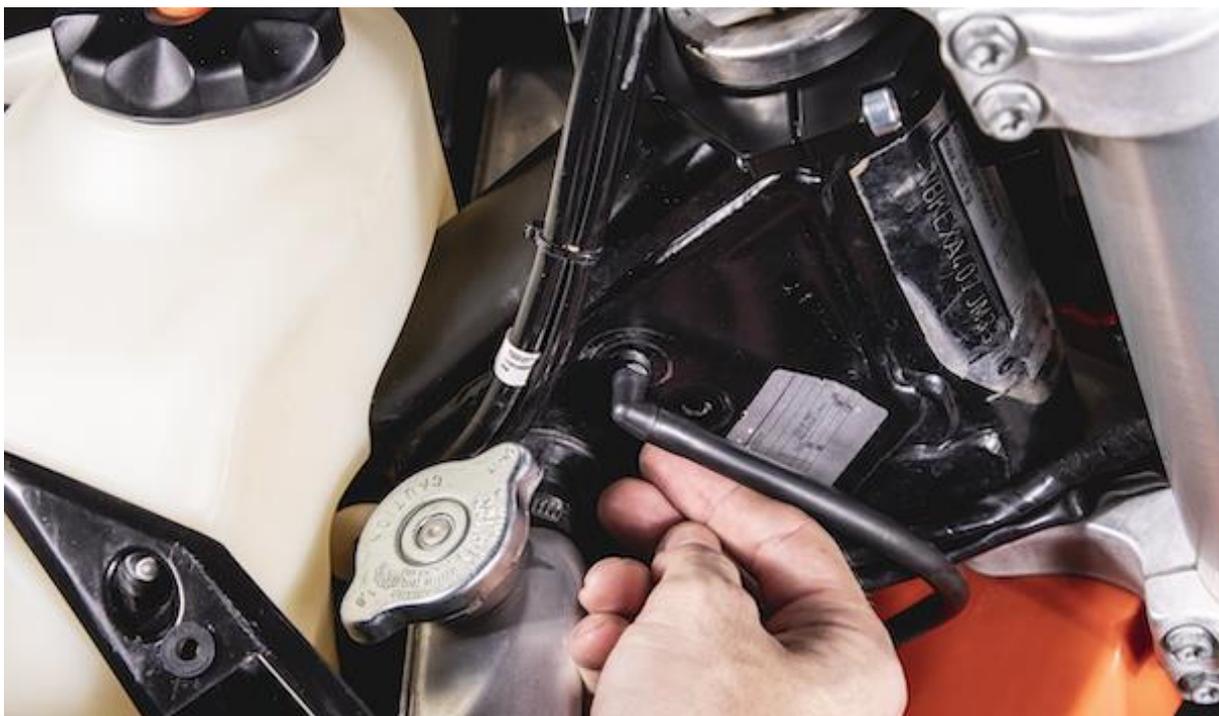
2/ Mount the low clamps

a/ Mount the low clamp. It consists of 5 parts. First prepare the left clamp. Remove the bolts from the radiator and bolt on with supplied M6 bolts on top of the radiator.



b/ Remove the tie holding the cables. Use pliers and drag it out. Next take out the fuel overflow tube and screw out the plastic L-connection from the frame.

NOTE: Customers having the US version of EXC/FE please go to the end of the guide and read how to make the low frame hole fit.



c/ Prepare the right side clamp. The front part is the one with the off-set. Bolt together with M5 bolts, but only a bit, because it needs to stay flexible for easier mounting of the carbon tower. The M8 bolts goes through the original holes in the frame.

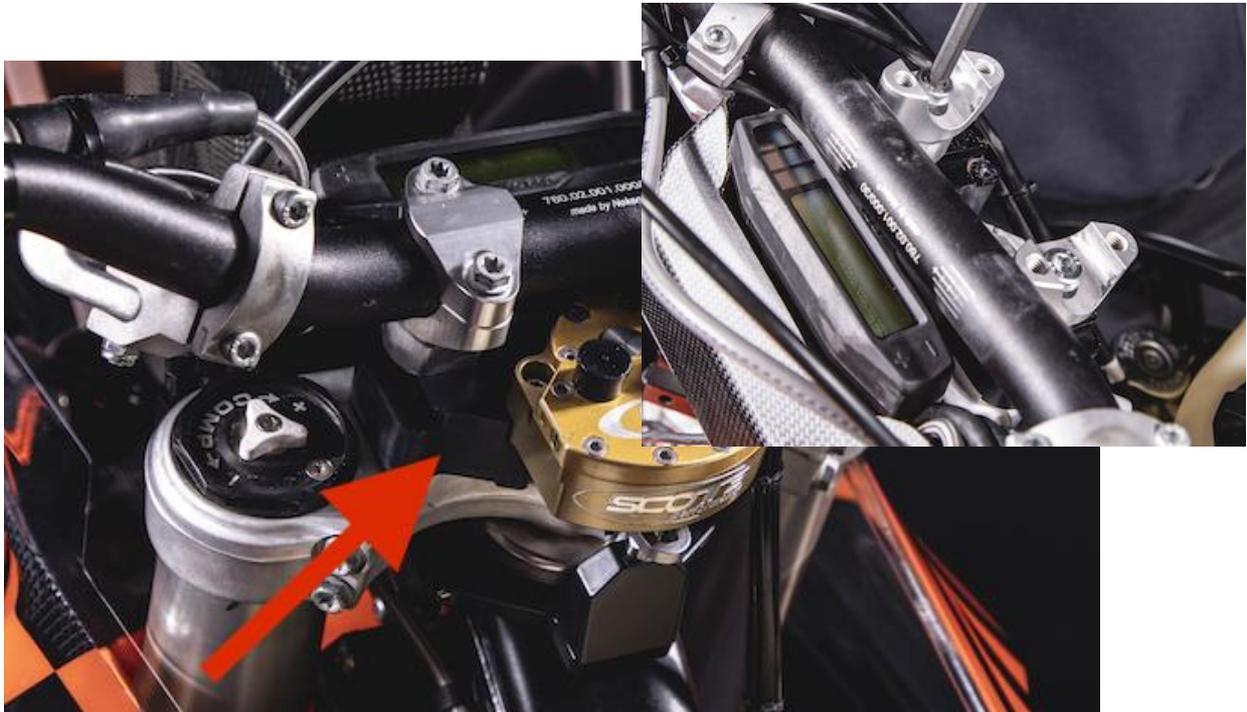


d/ Secure the right clamp from the opposite side with black plate and nuts. Don't forget to put under the upper nut the smaller "hook" (you got two similar ones) that holds the clutch cable. Finger tight only so far.

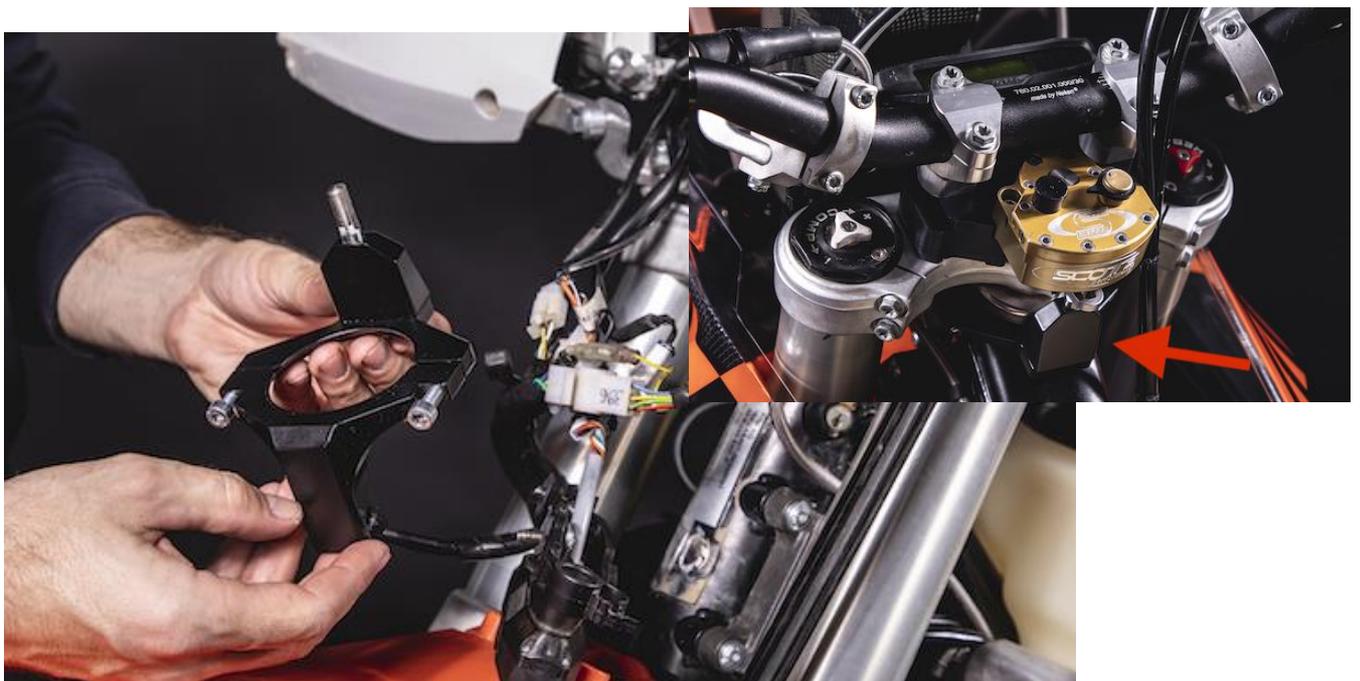


3/ Mount the top clamp

a/ Start with the SCOTT's steering damper support. Remove the handle bars then loose the handle bar clamps (they are lock-tied so you need longer lever). Use our longer bolts M8 to mount the support. Don't forget to use Loctite.



b/ First bolt on the gauge for the steering damper pivot. NOTE: The gauge is eccentric and could be mounted into two position - based on the length of the arm on your SCOTT'S. More common is longer arm so turn the gauge that the skewed side is towards the handle bars.



c/ Mount the upper clamp. Finger tight only, because it needs to be centered later.



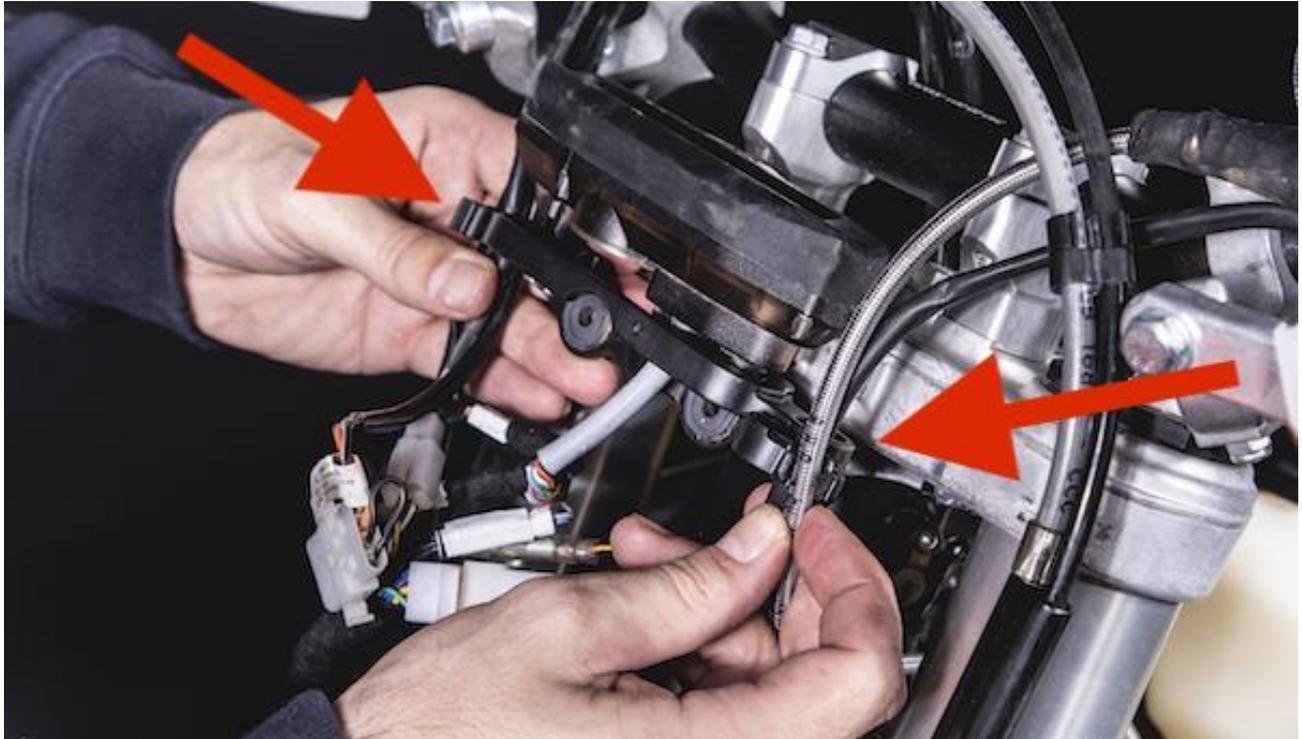
d/ Center and tight the top clamp. Temporarily put on the carbon tower (we used only the connection plates for the picture, because we have spare ones – you have to put on the full tower). Because the low lamp is centered – putting on will help you to center the top clamp. Next you can finally tight the top clamp. When it is done, remove the tower please.

NOTE: Still don't tight the low clamp. Keep it flexible for now!



4/ Clean up the speedo and cables

a/ Put the cables coming from handlebars into the plastic guides.



b/ Mount the cable and speedo holder and mount the bracket into the top triple clamps with supplied M6 bolts.



c/ Connect the “still on” power cable extension. There is only one option where to insert it.



d/ Next pull through the large grommet:

- The power cable extension
- The headlights connector

Clean up and zip tie the rest of the cables into the black aluminum bracket. Then mount the carbon cover. On the left side use the “bigger hook” to guide the brake hose.

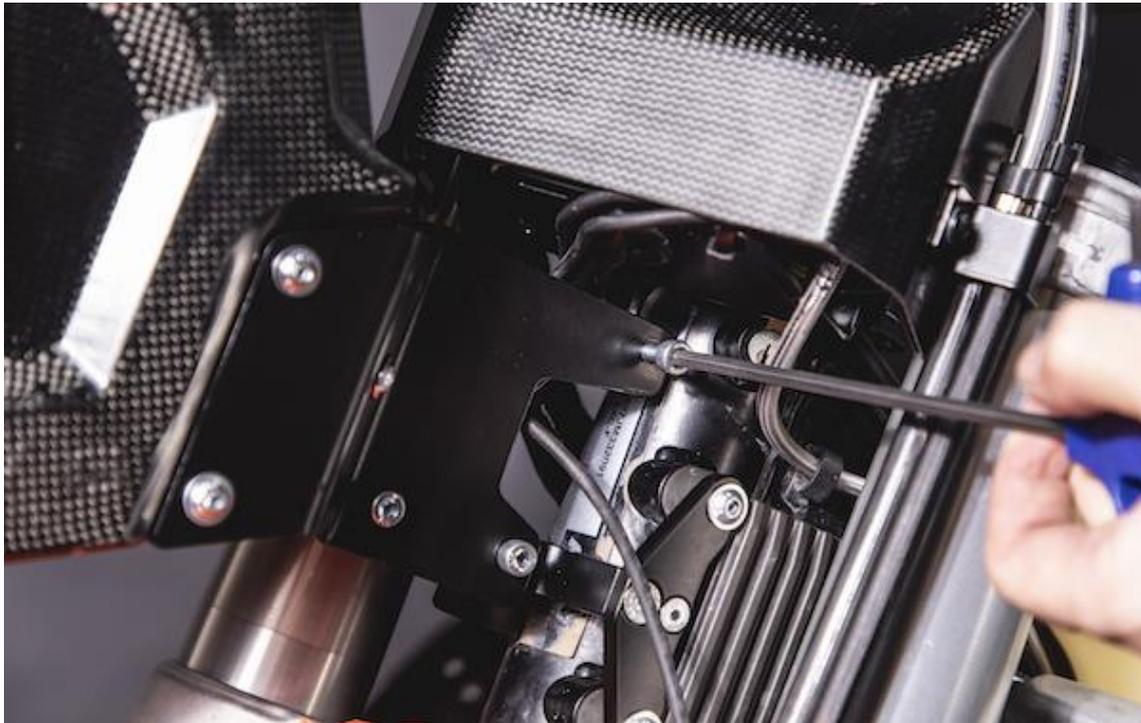
NOTE: Customers with ignition key (US version) have to mouth its holder on the right side.



4/ Put the tower on

a/ Put inside the tower the headlights connector. It is quite short so you need a bit of patience and carefully pull it through. Then mount the tower on and secure with M6 bolts and nuts. Use screwdriver to align the holes.

Now tighten the tower and then the right side low clamps. When you tight the bolts try to balance the force between the tower and clamps.

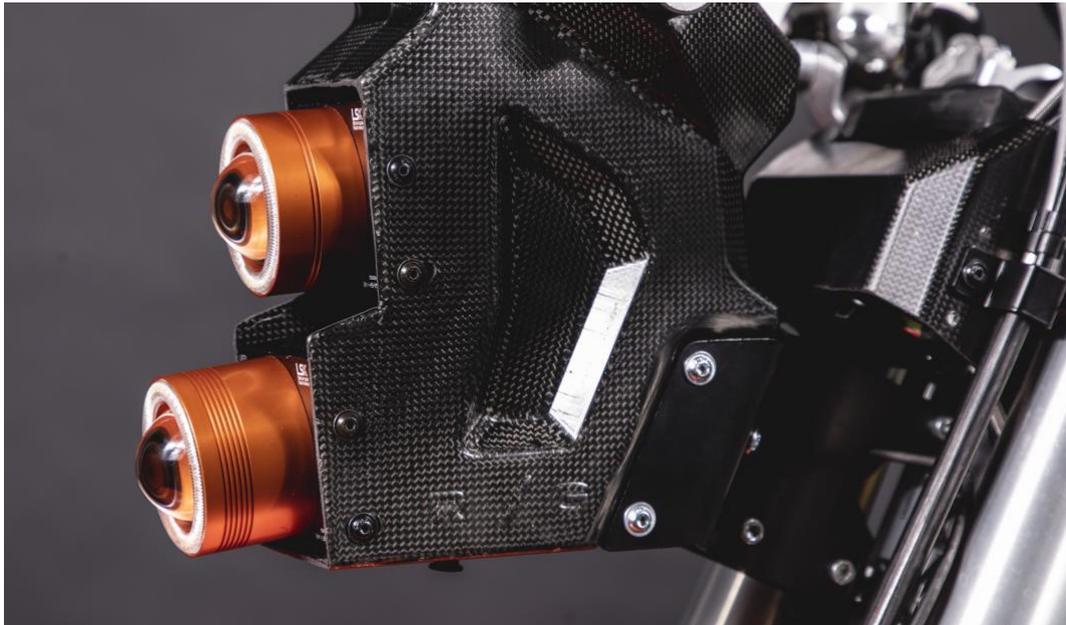


b/ Prepare the second power cable extension – the “switch on” one. You plug it into the headlight socket. Again, you have to be careful as there is space only for one hand in the tower.

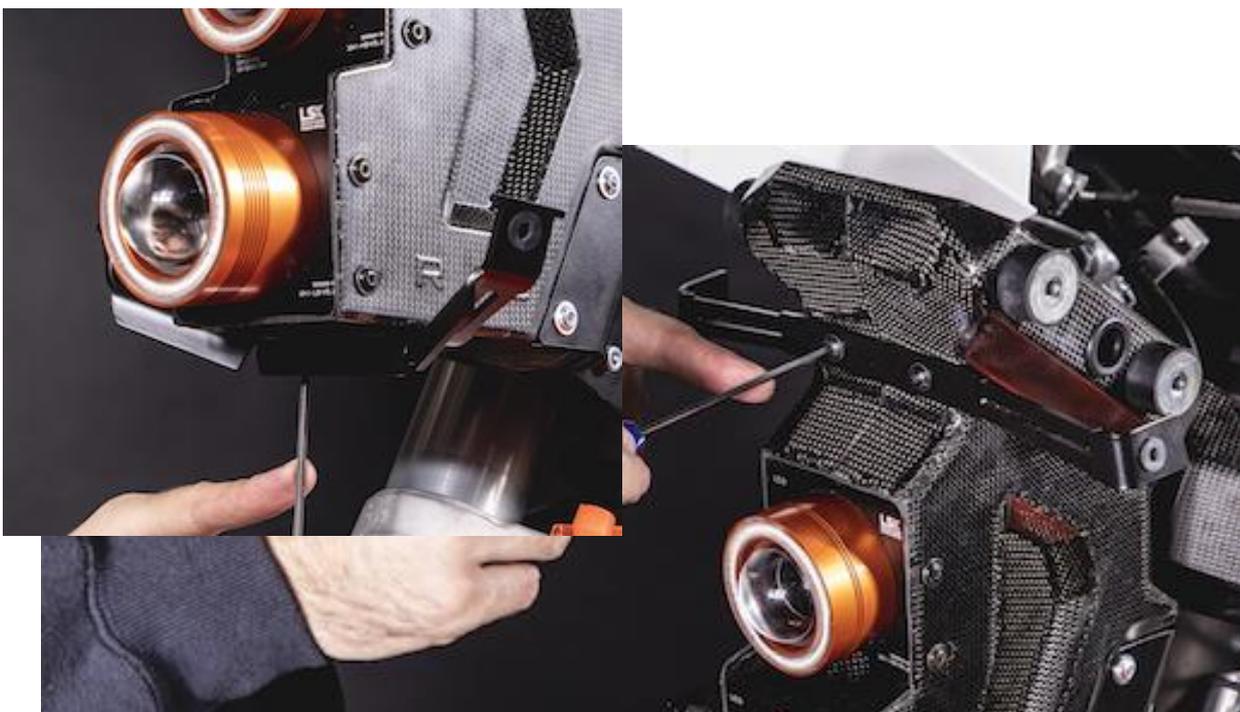


c/ NOTE: Before you put on the headlights, connect your GPS, 12V socket, iPhone charger or whatever you need to the power source. There is prepared hole in the carbon tower on the left side under the GPS bar bracket. We recommend to connect all stuff except the roadbook to the "switched one" extension in order to prevent battery drain.

d/ Insert the headlights. The shorter one is high beam and goes to up. The longer tube is low beam and goes down. Adjust the headlights height as described in the papers included in the headlight box.



e/ Mount the fairing holders. Insert the rubber nuts and mount the holders with M5 bolts.



5/ The fairing assembly

a/ Assembly the windscreen, side panels and the carbon spoiler. Use M5 bolts and rubber nuts. All bolts go from outside.

NOTE: keep the middle hole empty!



Put the supplied plastic rim on the windscreen edge, before you put it on the bike.

b/ Now depends what kind of tank you have on your bike. You can either drill 9,5 mm hole into the OEM side panels and insert the rubber nut and bolt on. Or use the special 3M Velcro or combination of both (we have four holes in the picture because of fitting with different tanks during development – you need max. two holes on each side)



c/ Insert the rubber nuts into the fairing holder and finally mount the fairing on ☺



Congratulation! The installation is finished and you can start enjoying your upgraded bike ☺

If you have any questions or feedback, please post it in the following thread on AdvRider forum, we will be notified, will respond and it might also help others with their questions:

<https://advrider.com/f/threads/rade-garage-kits-and-accessories-for-ktm-excs-and-husqvarna-fes.1376391/>

Thanks again.

RADE/GARAGE team