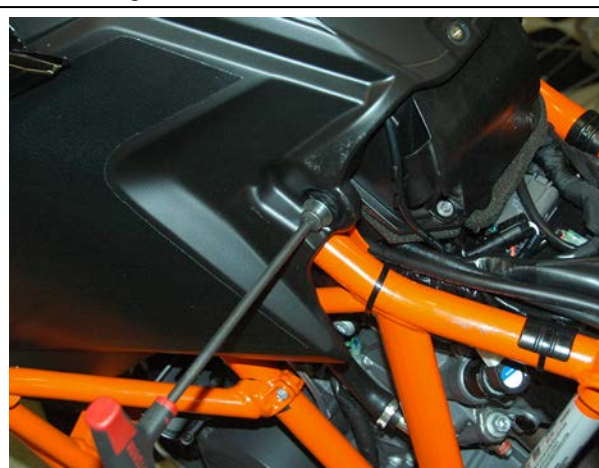


KTM 1090, 1190 & 1290 Adventure and R mounting guidelines for Kit # SUB 9164:

1. Remove the stock steering stabilizer first, located in the front, lower side of the headlight area.
2. It is essential to use **Blue Loctite** or an equivalent thread locking agent on all these bolts.
3. View all the pictures first, to get an idea of the concept of what is being described.
4. This kit raises the bars 33mm and forward 13mm, normally an improvement to this bike, but be aware before starting.
5. Remove the seat and the 4 bolts that hold your handlebars tight. Lay the bars forward out of the way.
6. Remove the stock lower perches from the triple clamp by removing the Torx/Allen's and tapping on the perches.
7. Remove fuel tank cowling, exposing the fuel tank. (**1090** has a plastic beauty shroud in front of tank bolt, remove it).
8. Remove forward fuel tank bolt, 8x40 bolt, the aluminum standoff and upper rubber grommet. Lower rubber grommet remains in place. Remove (2) Torx bolts and collars on sides of fuel tank where the seat meets the tank.
9. Install Frame base plate by lifting on fuel tank and sliding base plate under the lower-tank-rubber grommet. Base plate should sit down inside of recessed portion of frame, the hole in the base plate aligns with the tank bolt. (see picture).
10. Install lower strap under frame rails and attach base plate to upper plate using (2) 6x25 flat head Allen bolts (but **do not** tighten these yet). Push plate assembly towards rear of motorcycle, aligning the tank bolt hole.
11. Install the longer 8x45 Allen bolt supplied (but do not tighten yet, only align the tank mounting position, using the stock aluminum standoff and rubber grommet. Tank bolt is tightened AFTER the next step.
12. Install the (2) Torx bolts on side of fuel tank and tighten.
13. Tighten the 8x45 tank bolt once the side Torx are aligned and tight.
14. Tighten the (2) 6x25 flat heads holding the base plate to lower plate. **** Do not over tighten these bolts or you will distort the tower base plate and make it hard to install tower-bridge.**
15. Re-install fuel tank cowling. The cowling needs to go on with the front tabs first. You need to squeeze cowling a bit to allow it to fit past the two bosses on tower base plate. Since the bracket under the tank raises the tank slightly, the cowling bolts and plastic latches need a little coaxing in order to line up. Most of it is obvious but the order of installation helps that process. Slide them in between the damper mount bosses and then it clips on to the underside of the front of the tank as you slide rearward. The rear tabs might need a little coaxing in order to line up also.
16. Install tower bridge to tower plate using (2) 6x40 Allen bolts supplied. Post must be facing forward. (See picture).
Note: If bolts do not align with base plate go back and loosen base plate until you find the alignment position.
17. Grease the tower pin and drop it in the tower. Keep it greased and free to float which insures proper alignment.
18. Install the new Rubber SUB mount assembly by following the separate sheet included for assembling the rubber sub mount to the upper triple clamp. Tighten the 10x45 Allen bolts provided, to the Ktm specifications.
19. Install Scotts Steering Stabilizer using (2) 6x20 Allen bolts supplied, aligning the tower pin into the link-arm slot, Do not allow the tower pin to make contact with the bottom of the stabilizer, it should be flush with top of link-arm.
20. Install the lower bar perches to the Sub base assembly and tighten the bolts using Loctite.
21. Install handlebars and tighten the top bar clamps so the gap between the perches is even.
22. Turn the bars full lock left to right and be sure nothing is binding and that, the cables are free to move and not binding.
23. Start the bike and slowly turn the bars again to full lock to insure the cables are free to move and not binding.
24. The stabilizer has 3 fully adjustable valving systems. Start with softer settings and work up to where you like it.
25. See your owner's manual for "How to" adjust the stabilizer initial settings.
26. If you have any questions, please feel free to call us.



Remove seat, tank and lay bars forward out of the way



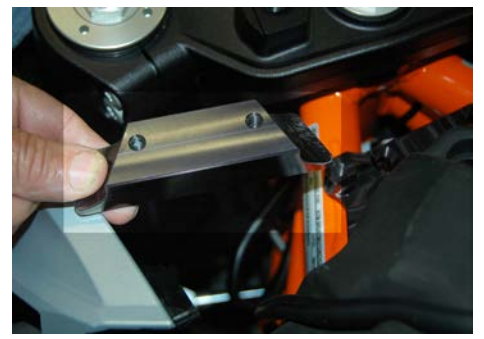
Remove rear tank mount bolts



Remove the tank bolt, rubber grommet and aluminum guide



Install the upper half of the frame plate by sliding it under the tank but under remaining lower 1/2 rubber grommet



Slide the lower plate in underneath the frame rails and center so it matches the frame and the bolt holes align between upper and lower plate. Install bolts but do not tighten until all tank bolts align.



Install the (2) 6x25 flat head Allen bolts so the upper and lower plate align to the frame. Do not tighten until all tank bolts line-up.



Reinstall the tank cowling, with the front tabs first. You need to squeeze cowling a bit to allow it to fit past the two bosses on tower base plate. Since the bracket under the tank raises the tank slightly, the cowling bolts and plastic latches need a little coaxing in order to line up.



Tower Bridge installed correctly. Tower pin should be centered in link-arm when stabilizer is installed.



This shows the SUB mount assembly installed to the triple clamp and then the stabilizer mounted to the SUB mount assembly with the tower pin greased and in the center of the slot of the link-arm.

