



ROTTWEILER PERFORMANCE

790 ADVENTURE HEADLIGHT BRACE

NOTE



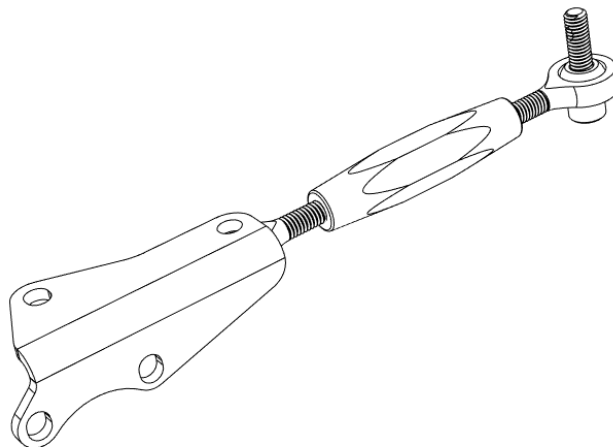
Please read and understand all notes, precautions and warnings within this document before performing these procedures. It is solely you and/or the installer's responsibility to adhere to the guidelines of all factory torque specs and procedures mandated by the manufacturer of your motorcycle. Always wear the appropriate safety equipment. If you believe that these instructions are beyond your capabilities, you should seek out a professionally trained motorcycle mechanic to install any aftermarket product/s including these.

- **Time:** 1-2 hours depending on experience.
- **Tools needed:**
 - 30mm TORX or 8mm SOCKET
 - 5mm ALLEN

ONLINE INSTRUCTIONS QR CODE LINKS

Scan these codes with your smart phone's camera or a QR code reader to get direct links to online versions of these instructions.

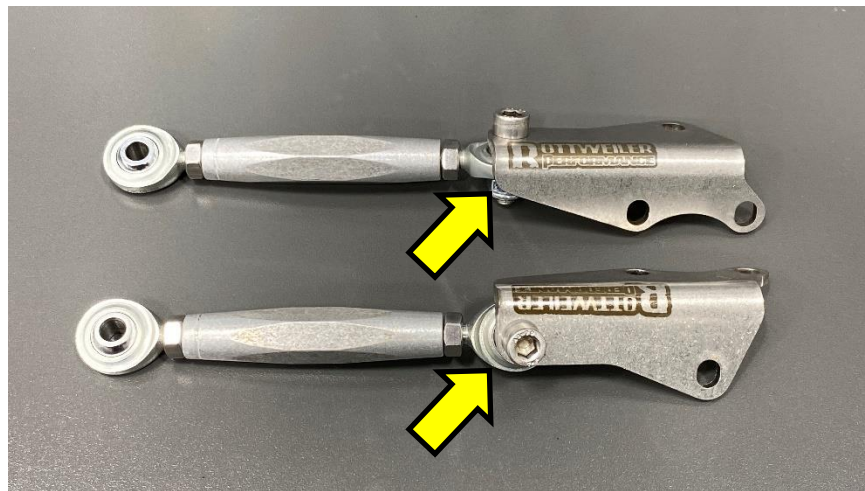
These Instructions here.





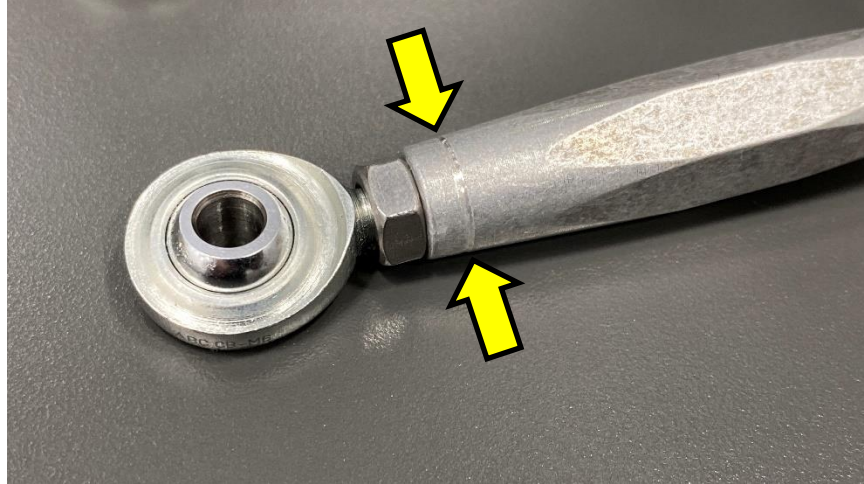
INSTRUCTIONS

(5mm HEX + 8mm SOCKET or WRENCH) Using two of the 6 x 20mm socket cap bolts and the two 6mm nuts, assemble the parts as shown below. The machined line at one end signifies that is a LEFT-HAND thread so the loosening/tightening will be reversed. Put the end with the machined line away from the mounts so that the RIGHT-HAND threads are the ones being bolted to the braces.





Below is a close up of the machined line indicating the LEFT-HAND threaded side.

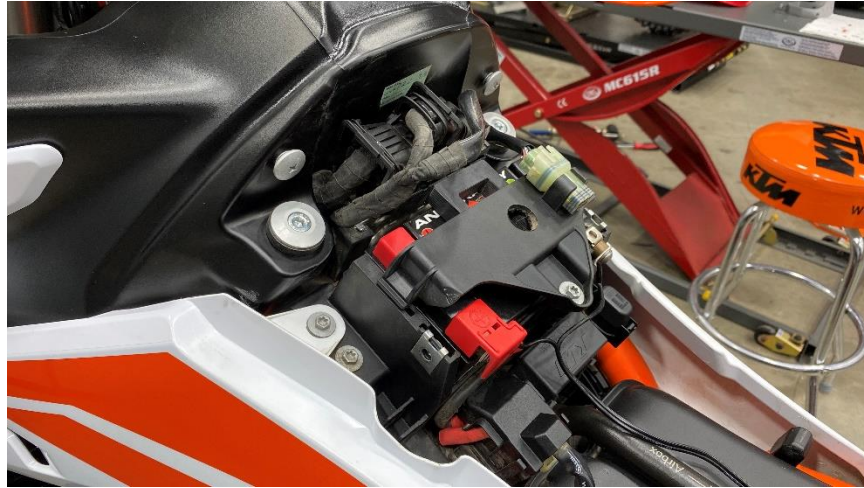


(KEY) Remove the seat.

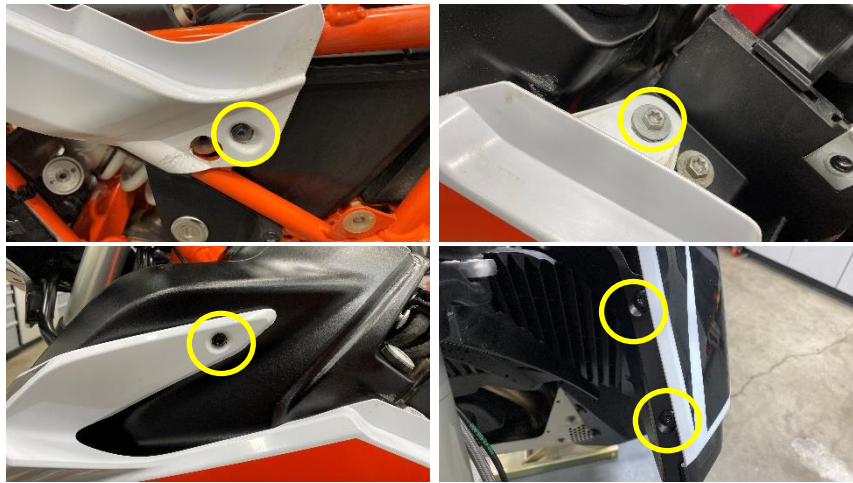




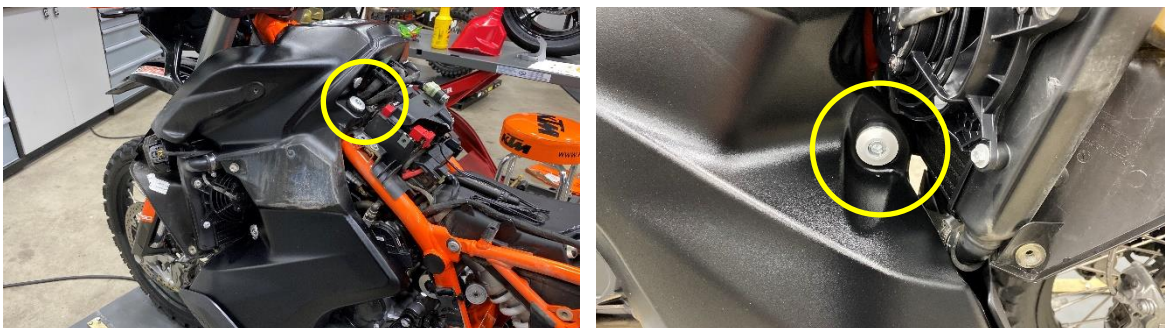
(T30 TORX) remove the battery cover.



Remove the screws shown in the images below from both sides and remove the fairings.

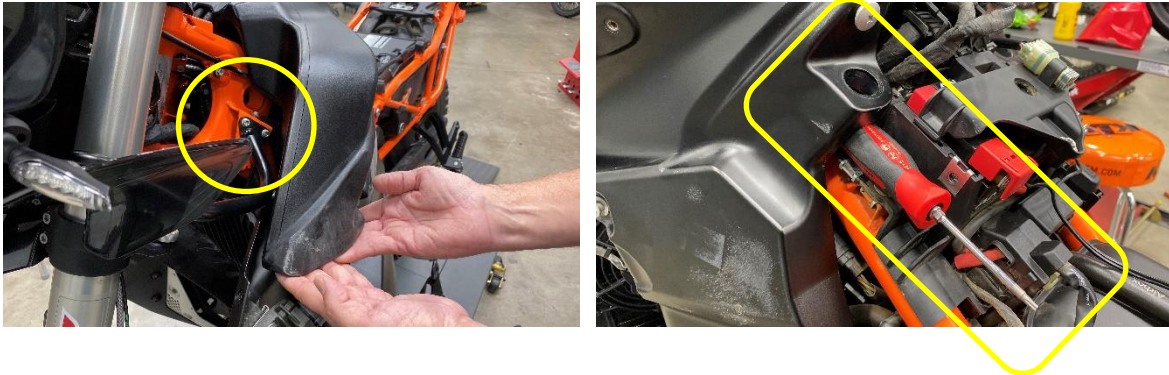


(6mm HEX) Remove the 4 fuel tank screws.





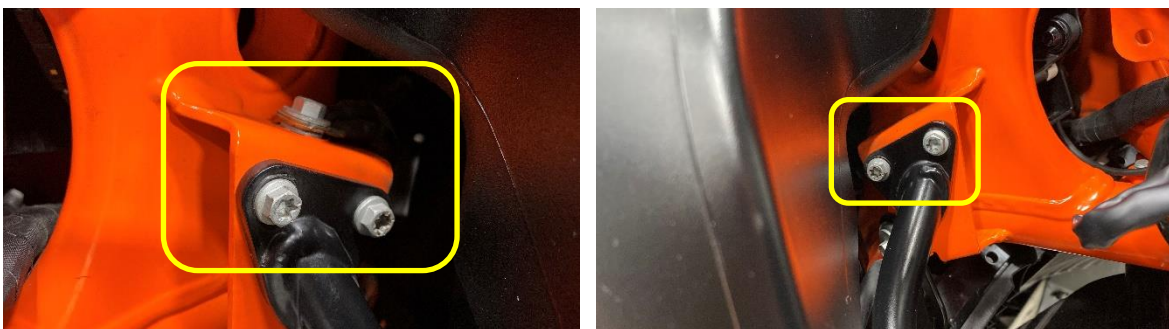
Lift up on the fuel tank just enough to access the ground lug screws. If you have one, a friend may help or something like the handle of a screwdriver placed below the upper fuel tank mounts.



Make sure to remove the inner tank rubbers to make sure they don't fall out somewhere where you cannot find them and then let loose many expletives that may concern your neighbors.



Remove the three bolts from the left side headlight brace and the two bolts from the right. The upper bolt on the left side is a grounding lug and the ring terminals will be moved to the top of the Rottweiler Headlight Brace.





Starting with the left side, use two of the 6 x 20mm Allen head bolts and one hex bolt*, start all of the screws but do not tighten them. *NOTE: the kit also contains two button head bolts which are preferable, but those types of bolts can be difficult to tighten in tight spaces depending on the tools you have so we have also included two hex head bolts that may be easier to install. The choice is yours.





Make sure that the right-side rod end is under the brake line before installing as shown below.

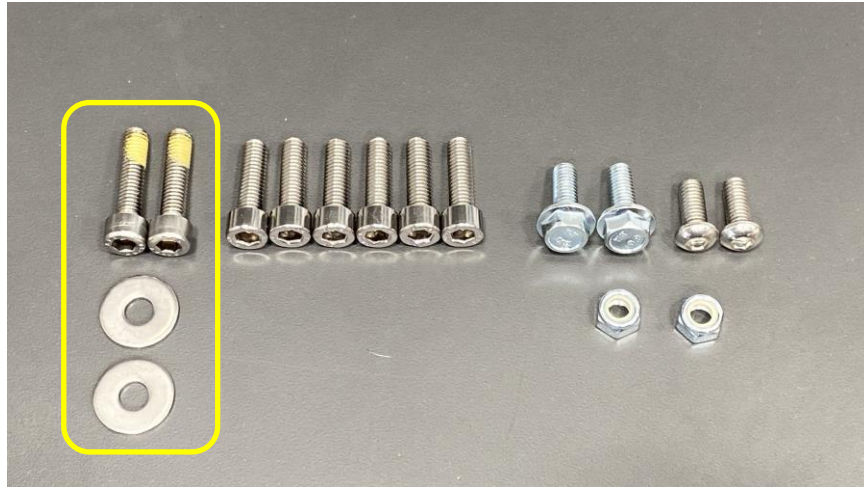


Very lightly snug the top bolts, then lightly snug the bottom two, then go back and tighten the top bolt and the remaining two. The holes are slotted to allow for possible differences between different frames and if you tighten one before the other there may be gaps under the part.





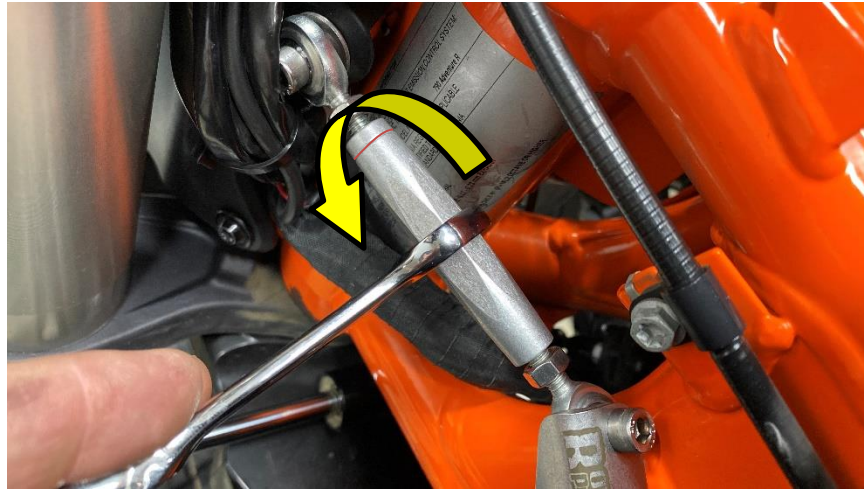
Remove the upper headlight mount bolt. Load the 6 x 25mm locking bolt and washer as shown below, making sure the soft side of the washer is towards the plastic and tighten the bolt. Due to the precision of this part, you may have to adjust the tie rod to allow the bolt to line up properly and while tightening the bolt.



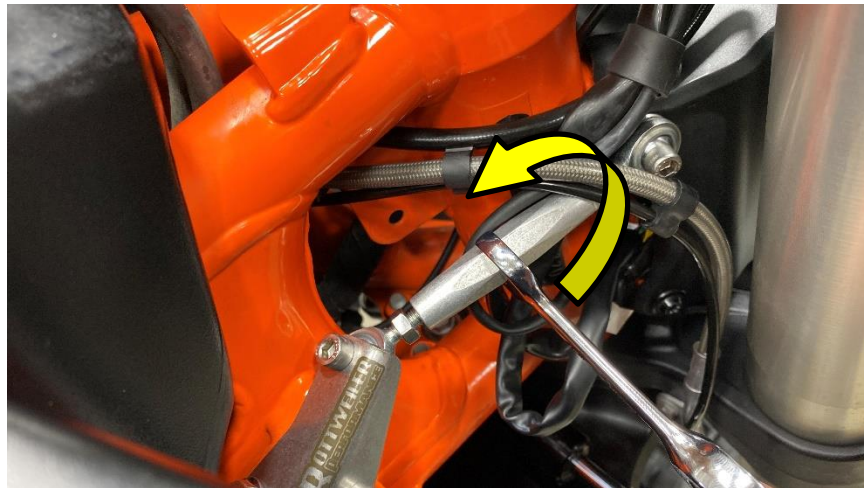


Once all the bolts are tight, you are ready to pull some tension on the headstock mounts. Turn the turn buckle in a tightening direction. If the machines lines on the pull rod are towards the front, the tightening direction will be as shown below. **DO NOT OVERTIGHTEN! YOU ONLY NEED TOO VERY LIGHTLY PULL TENSION AND THEN STOP OR YOU MAY BEND THE HEADLIGHT MOUNT. IT'S THAT STRONG.**

THIS LEFT SIDE WILL BE ROTATING THE WRENCH DOWN



THIS SIDE WILL BE ROTATING THE WRENCH UP





Tighten the lock nuts against the pull rod (they will both rotate the same direction to tighten). Once completed, you are now ready to reassemble your 790 Adventure and ride worry free that your headlight won't end up illuminating your front tire.



NOW GO RIDE!