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SUB mount Installation guidelines for the CRF450 / CRF250 (6728):

Notes: This kit is designed to be used only with stock or Scotts and BRP triple clamps and with Oversized bars such as Protapers. Review the photos before starting so you have an idea of what is being explained and why. Following these instructions step by step will save you time. The SUB mount raises the relative position of the bar-to-rider height. Lower bend bars are available if needed.

1. Photos may not be your exact model but depict the identical mounting procedures.
2. SUB mounts are made for oversize bars. Standard diameter bars will require our bar mount reducers in order to fit properly.
3. Remove both 17mm nuts on the underside of the triple clamp holding the stock lower rubber mounting cones in place.
4. Remove the (4) bolts that hold your handlebars tight and lay the bars forward out of the way.
5. Remove the stock lower perches from the rubber mounts and Install the new SUB mount using the supplied 12mm bolts.
6. Replace the stock lower rubber cones in your triple clamp and install the new Scotts cones provided in the kit. The stock rubber cones will not clear our frame bracket. Tighten the nuts **without using any washers!** The nuts butt directly against the aluminum portion in our rubber cone. A little grease where the nut meets the cone is helpful.
7. Remove the forward tank bolt as the tab on our frame bracket will slide under the stock tank mounting tab.
8. Remove your number plate and top triple clamp by removing the 32mm nut and fork pinch bolts.
9. Install the Scotts frame bracket by removing the pinch bolt and spreading the bracket with a large blade slot-head screwdriver. This bracket is intentionally tight, so it has to be spread and aligned carefully, then it will slide down perfectly and around your head tube. **It must be started straight or it will feel as though it doesn't fit.** It is an exact fit, so initial alignment is critical.
10. The initial installation of the frame bracket is very important in order to retain a long life of your stabilizer kit. This frame bracket has several specifically machined angles to match the shape of the Honda head tube. Keep it perpendicular as you initially install.
11. Tap and tighten the bracket with a mallet to insure it is seating **completely** down against your head tube. **This is very important.**
12. When it's installed properly you can see the top lip of the frame bracket touching the entire circumference of the head tube.
13. Torque the frame bracket pinch bolt to 96-108 inch lbs. / 8-9 ft. lbs. As shown in the picture.
14. Slide the triple clamp back on and turn it left to right to be sure you have the frame bracket centered and has no interference.
15. Tighten the 32mm nut back to its original tension.
16. Once the tab on the frame bracket is aligned with tank bolt hole, re-install the tank bolt. This tab should line up perfectly with the frame. If for some reason there is a gap, use a thin washer to fill any gaps and try to avoid bending the tab for any reason.
17. Examine the clearance between the underside of the triple clamp and the Scotts frame bracket. In some cases you may have to slightly file the casting knob on the underside of the triple clamp. (Hint: if you need a little more clearance, you can use the thin washer that is under the main nut, and install it under the triple clamp to raise the triple clamp a little more allowing some more clearance. Normally this operation is NOT required.)
18. Now is the time to transfer your throttle from the old bars to the new bars while you have some slack in the cables.
19. Install the new bars into the SUB mount and tighten the (4) upper perch bolts evenly so the gaps are equal in the perch tops. Transfer the rest of your controls and cables, being sure that everything is routed just as it was stock, out of harms way.
20. Grease the floating tower pin and install in the tower, it is designed to float and should remain greased in the hole during use.
21. The tower pin can be adjusted up or down by simply tapping on the pin to move the collar up or down. See photo height. **Be sure the tower pin is not hitting the bottom of the stabilizer during use.**
22. Install the stabilizer to the SUB mount by first aligning the slot in the linkarm with the tower pin. BEFORE you tighten the bolts for the stabilizer, check the tower pin height to be sure it does not make contact with the bottom of the stabilizer body.
23. If you have any questions, please feel free to call us anytime as we are here to help you.

1. Step by step instructions. Be sure to read the text that accompanies these photos there is a specific order.



Remove bolt & spread bracket to install



Tap bracket down until securely flush



Use our replacement cone on the bottom



This shows the stock mounting perch



Be sure the frame bracket is all the way down flush with the head tube, all the way around the entire surface.



Torque the frame bracket pinch bolt to at least 96-108 inch lbs., or the equivalent of 8-9 foot lbs.



Shows correct tower pin height



Photo may not be your exact model but depicts the same concept (Large knob shown in this photo is an extra option).