

Carbon40

How to install carbon frame cover.

Parts need before you start:

- Make sure you have silicon or whatever you are using to stick the parts down with.
- Either cable ties or velcro strips
- Dremel tool or fine sandpaper

1. In order to install the frame protection kit you need to loosen the subframe.

2. I used an 8mm allenkey and 14mm spanner/socket to loosen the subframe bolts.



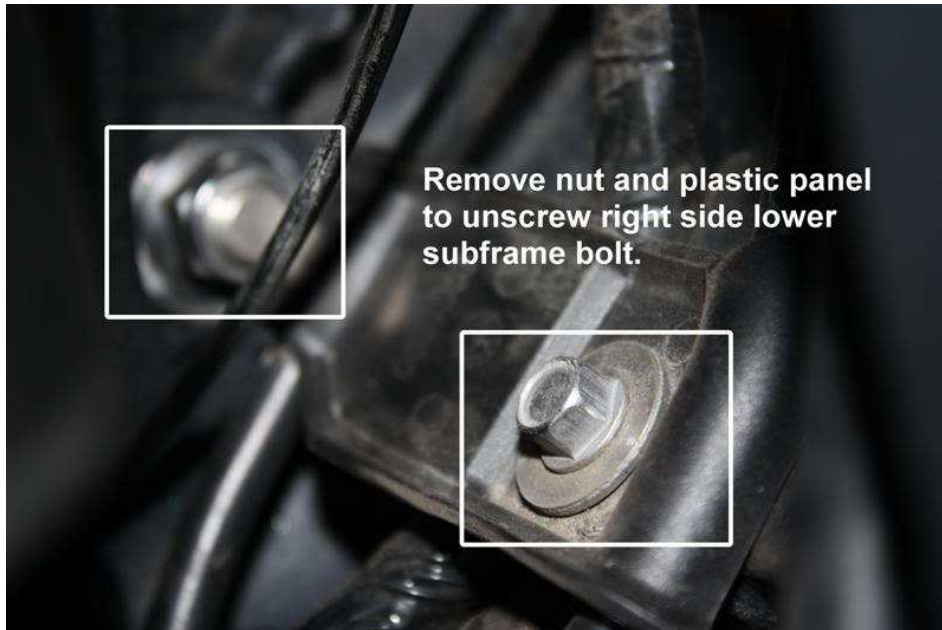
3. The top subframe bolt is easy. Pop the seat off and undo it. Don't pull the bolt out just remove the nut for now.

4. The bottom one is a bit more difficult. You need to get under the tank so [follow the tank instructions to either remove the tank](#) or just lift the tank at seat side to get the to nuts.



5. Do the left side first.

6. To do the right side you need to first remove the cable positioning plastic panel in the middle. This will allow you to get to the right hand side nut.

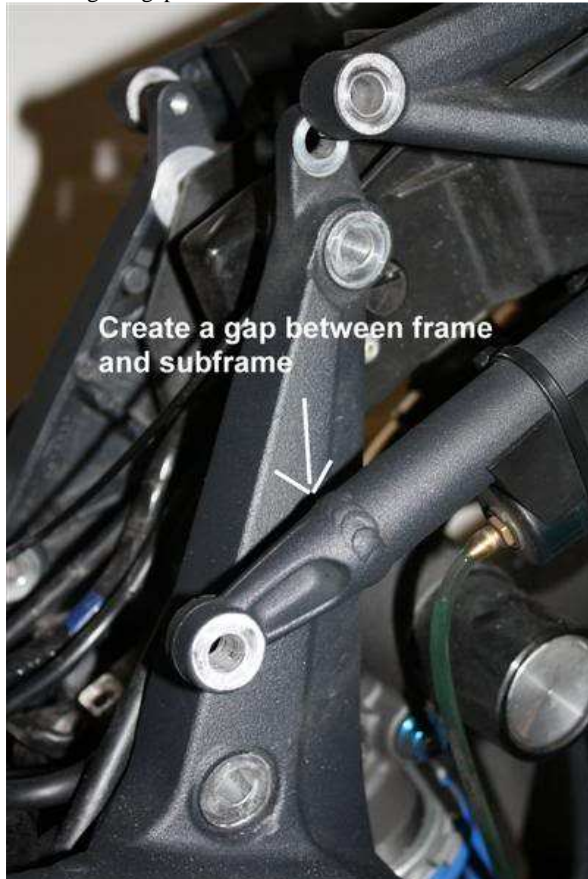


7. If you have slipons cans then disconnect them from the subframe. I didn't take my cans off but left them in place.





8. Prop the subframe up with something and remove the bolts first top and then bottom. Take your time doing this as you can scratch your paintwork. My tank is off as it was easier to work this way.
9. Get a good gap between the frame and subframe bolt holes.



10. I removed my sprocket cover (I'll find the instruction, it's somewhere) so I there is no interference on the left side with it. You don't have to though, first see if it's in the way.

11. Be careful when trying to install the frame kits. The subframe with easily scratch the carbon and also the carbon can easily scratch your frame paint.

12. Firstly look on the inside of the carbon if there is any sharp points. Use your Dremel or sandpaper to smooth those edges off (remember it's made by hand so imperfections happen). If it's a little sharp then it will rub through your paint over time.

13. Once smooth pop them into place. I put the tip in behind the subframe first and then manoeuvred the rest into place. Make sure nothing is in the way and that your subframe holes are clear.



14. On the left side I had to Dremel the top subframe hole a little. You don't see it as I did it slowly so I didn't overdo it.



15. Once you are happy with the fit. Lightly tie it down in 1 or 2 places. Move over to the left side.

16. Undo your back brake reservoir. Try and keep it upright.

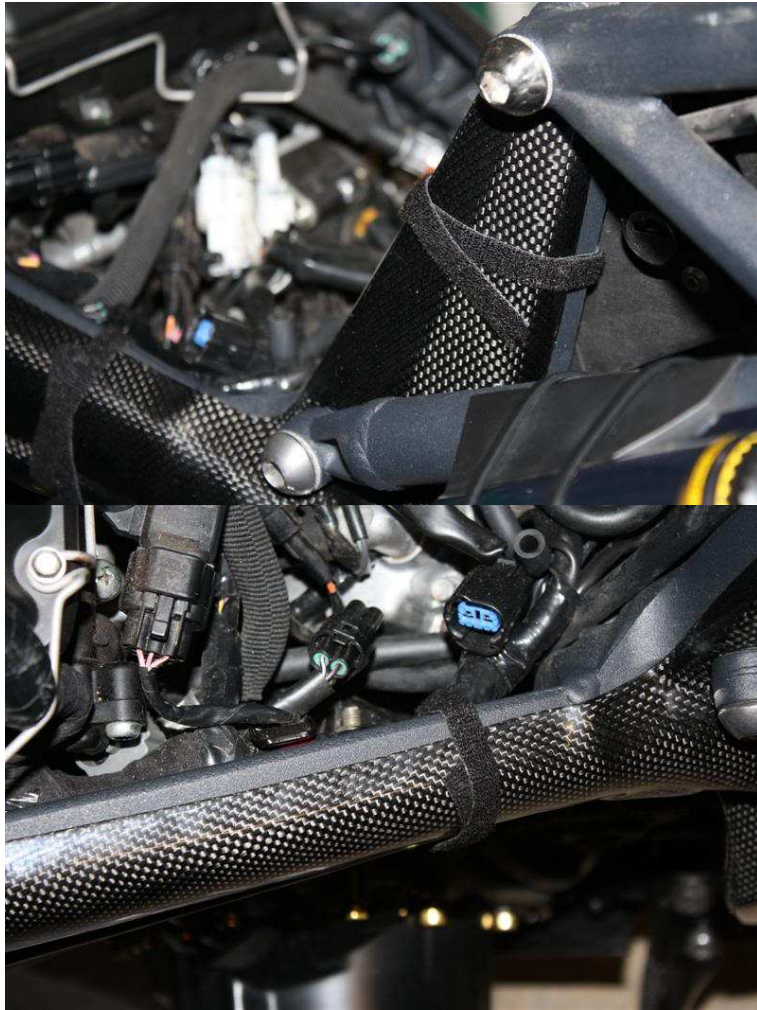
17. Fit the carbon into place as you did on the left side by first pushing it behind subframe and then manoeuvring it into place. Carbon can flex a bit (it's prepreg, thinner but stronger than wetlay). You might have to push a little harder to see if it fits everywhere properly. Look if there is any places where you might have to use the Dremel. I had to use it a little on the Back brake reservoir area. Once you are happy with it, Lightly tie it into place.



18. Now you are ready to glue it down. Pop your cable ties/velcro straps into place. I did one at the bottom through the frame at the rearsets, at the subframe, at the bottom of the tank and at the middle of the tank and lastly at the engine bolt in the frame.

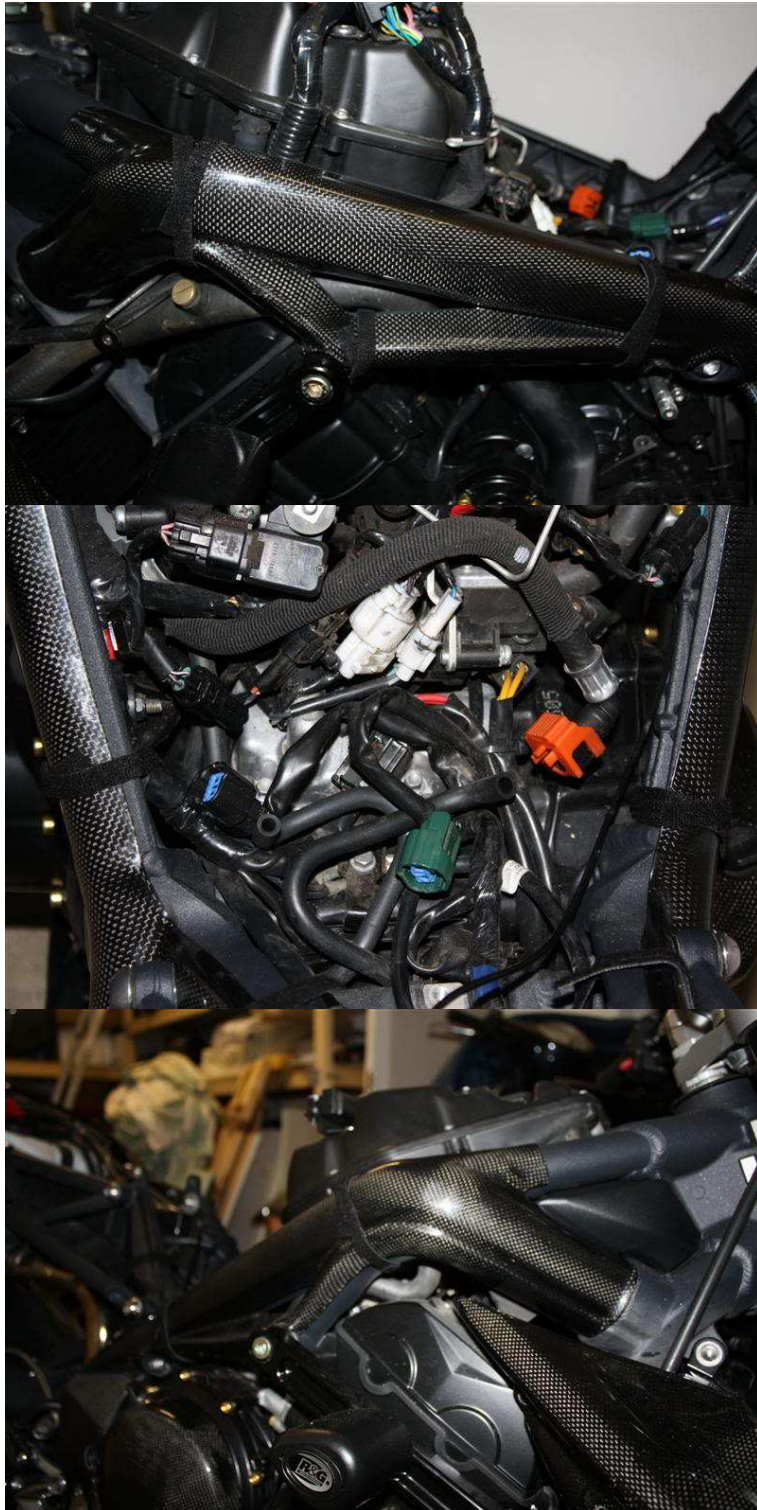
19. take the right hand side frame kit out and put silicon on it wherever you feel appropriate. I did it down the middle and also on any edge in the middle. Manoeuvre it back into place and tie it down.





20. Get the tip of the frame protectors pushed close to the frame. I didn't and it dried with a 1-2mm gap. You need to also push the tip where the carbon start against/closer to the frame, if not then you will end up with a gap between the frame and the carbon.





21. Once you have done both sides. Pop the subframe back into place but don't tighten it, just pop the bolts in. Also if you have slippers pop them back onto the subframe. You don't want them hanging all night. Leave overnight to dry and tomorrow you can assemble the bike.

