

Installing a Carbonplate in a Kris Holm saddle with a Fusion Cover

Things required:

- Saddle KH with Fusion cover
- Carbonplate for saddles KH
- Drill / Rechargeable screwdriver
- Metal drill bit 3 mm
- Metal drill bit 6.5 mm
- 10mm Open-end wrench
- Marker or Paint pen for Marking the holes
- Very small file
- Strong adhesive tape (fabric tape, Duck tape)
- Carriage Bolts (8 ea. M8/16 mm long – read the following paragraph)

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Completely disassemble the saddle:



Marking the hole position of the Seatpost for drilling. Hold the seatpost over the Carbonplate and position it in the middle and over the bend in the Carbonplate where it is best seated.



Marking the Holes for the Handles. Hold the Handle against the Carbonplate, making sure to leave enough space for the Cover. Do not put the Handle all the way on the end of the Carbonplate.



Marking the Holes for the rear Handle. Hold the Handle again against the Carbonplate. Do not forget to leave space for the Cover. The corner of the Handle should not be touching the Carbonplate.



Drilling the 10 Holes. Pre-drill all the Holes with a 3 mm Drill bit. Now, you can check and make sure that the Hole placement is correct(in the middle). Any modifications must be done at this time with a slightly larger bit.

Now, Drill the final holes with a 6,5 mm bit.

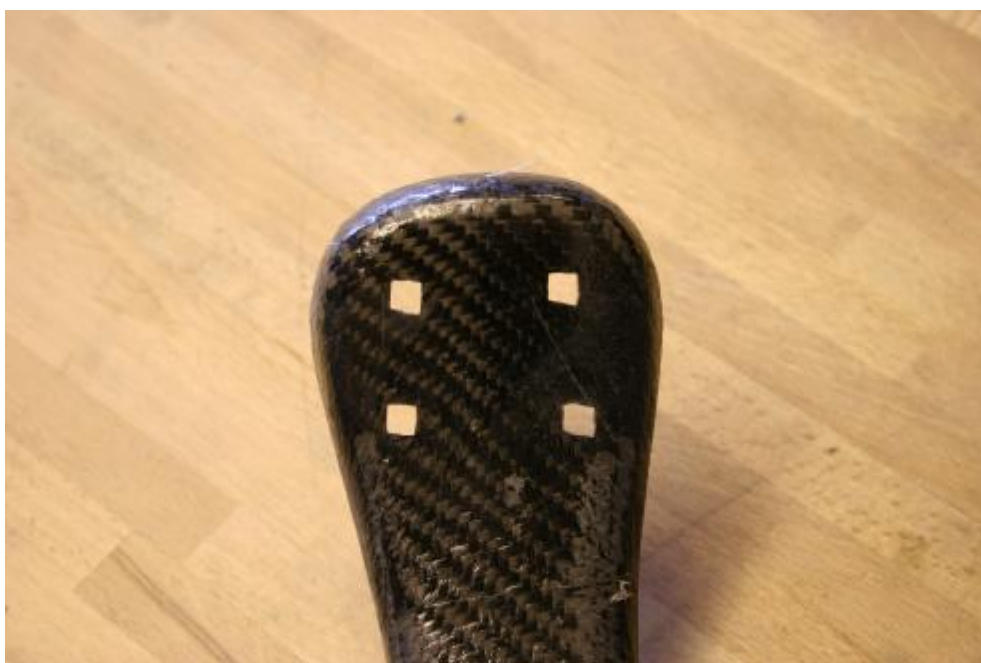


Square off the holes with a very small file. This requires some patience. Please check over and over again with the bolt, how much you still need to remove.

The bolts should have very little play when you are done.



This is what it should look like:



Place the bolts in the Holes.

In the **plan** are the bolts marked with their different lengths. The original 20 mm Bolts can also be reused (8 of the 10) but they need to be shortened. The Carbonplate is thinner than the Plastic base. 2 of the Original Bolts need to be used for the front Handle.



... Now tape the bolts to the Carbonplate using multiple layers:



...until all bolts are covered:



Now you can see how everything is going to fit:



Hint: the edges of the Carbonplate can be covered with something soft (Adhesive tape or a piece of tube) before the cover installed. This saves the cover, however, it also brings an additional plus in comfort when jumping "seat-out".

Now, install the foam, cover, and finally the front and rear Handles:



Finished...!!

For those of use who are allowed, it is time for a **cold** one.J



Final tip:

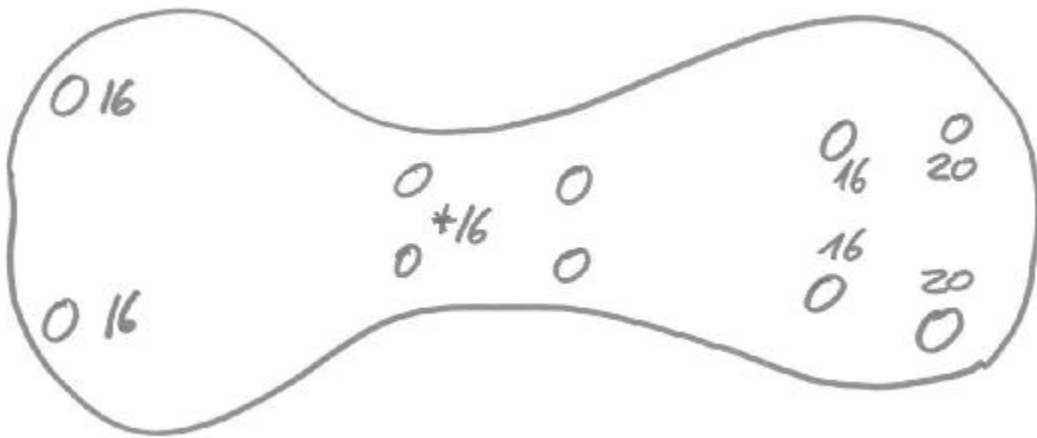
Place something in between your Seatpost and the Carbonplate (for example a piece of hose or rubber). If not, the seatpost will dig a notch in the Carbonplate and can cause it to **crack or break**.

Attachments:

This is what a **Carriage bolt** looks like.
It has a round head with a square underbody and is threaded.



Bolt lengths in mm:



* For normal Seatposts, the 16 mm bolts are long enough. For thicker Seatposts like the Qu-ax aluminium, the 20 mm bolts should be used.

Both rear bolts can be 16 mm. Installing the rear Handle is a little difficult, but it is possible You can also use in the rear 20mm bolts for comfort.

All bolts M6

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