

## **Roller Adjustment**

Every now and then you may find that you need to adjust the rollers that hold the main disk with the glass. The adjustments are often needed when working in extreme cold or warm temperatures. The factory adjustments are made at +20 degree Celsius and are good for +/- 10 degrees.

At the top of the Rain Deflector on the back side you will find the adjustment mechanism. The rollers on the sides will never need to be adjusted.

Slightly loosen the three screws (half a turn counter clockwise)

Use the special tool to adjust the eccentric

Take a notice of the initial position of the eccentric in case you need to come back to factory adjustments.

Turn the eccentric slightly left or right . The adjustment is only about a quarter of a turn or less. With the second hand spin the main glass disk and feel the friction on it as you are adjusting the roller. The disk should spin free enough but not wobble. Once you think you have reached the proper friction, tighten the three screws.

To check the adjustment look at the back of the roller axel and make sure it's spinning. If you put some pressure on it with your finger it should still spin in sync with the main glass disk. It should not skip or drag.

Do the final tightening of the 3 screws one by one. If you can't turn the eccentric with the key then the mechanism is tightened.

Run the Rain Deflector for a few minutes and make sure that the glass still spins freely. If not then perform the adjustment one more time.

## **Main Glass Disk Removal**

In case you need to clean the rollers inside from dirt, you will need to remove the Main Glass Disk. To do that you will need to undo the three screws on the top roller.

Turn the adjustment eccentric all the way down to about the "6 o'clock" position. This will bring the roller up and free up the glass disk.

From the inside give the glass disk a slight push with your finger. And move the top of the disk out. Then lift it upwards.

Once the glass disk is removed you can remove the main carbon fibre cover by removing the 4 screws, which will give you access to all three rollers for cleaning.

Under no circumstance should you remove or disassemble the two bottom rollers.

To install the glass disk back into the Rain Deflector you need to put the bottom part of the disk onto the bottom two rollers and then with a slight spin push in the top of the glass disk.

Lower the roller back in place. You may need to give a slight push on the glass from inside to make sure that the roller sits well inside and in the middle of its guide groove.

To make the final adjustments on the roller follow the same instructions as previously described in the "Roller Adjustment" part.

## **Changing Glass**

If you damaged the glass you need to remove the rubber retaining seal. To do that you need to find the place where the ends of the seal meet.

With a small flat screw driver gently pry the seal out and remove it.

Once the seal is out, remove the glass.

Take the new glass and put it inside the disk.

Place the seal around the glass edges making sure that the ends meet and push the seal in with your fingers. Do not stretch the seal, but push it in little by little. Start pushing the seal in from the place where the ends of the seal meet. Do not start in any other place.

Once all of the seal is inside the channel use your fingers and straighten out the imperfections.

Make sure that the seal is sitting tight inside the channel before starting the Rain Deflector.