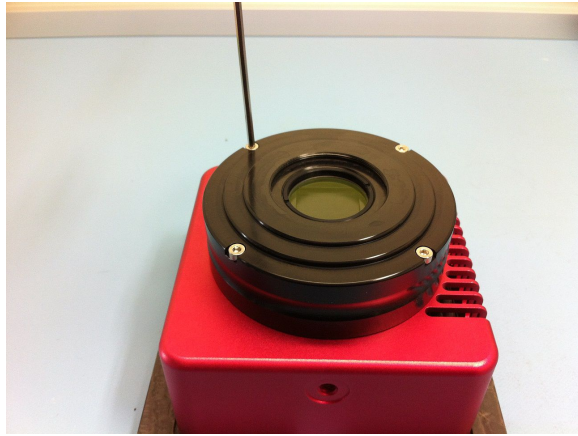
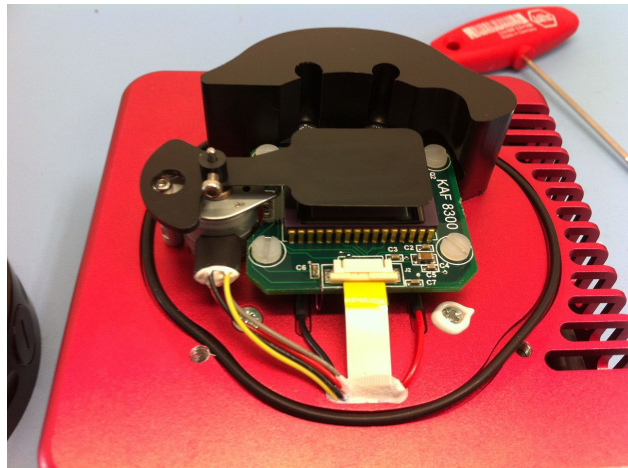


Cleaning the CCD on an Atik 383 Camera.

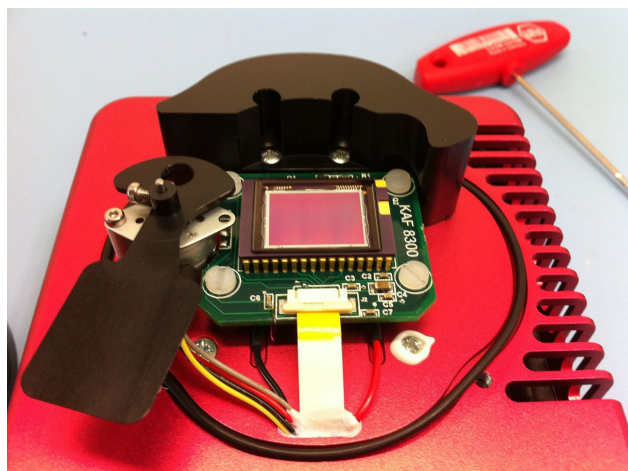
These instructions are to be used as a guide for cleaning the 383 camera with a stepper motor controlled shutter (from late 2010 and onwards) Please only open the camera in a low dust environment and take anti static precautions. To start remove the four screws securing the CCD chamber to the main camera body.



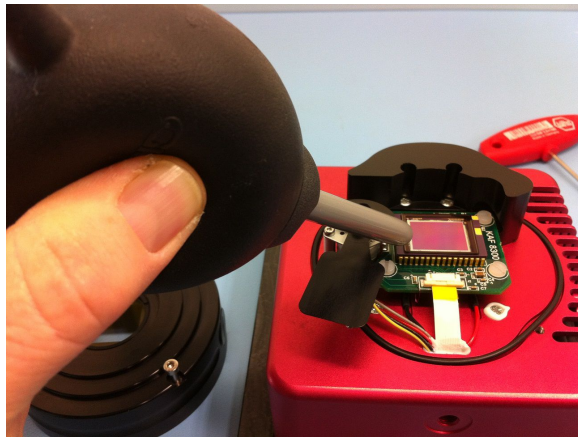
Once the CCD chamber has been removed the camera will look as in the image below.



Carefully rotate the shutter to uncover the CCD



Dust can be removed from the sensor by blowing the surface gently with a camera lens “bulb” type cleaner but be careful not to introduce more dust from the surrounding area.



Thoroughly clean the CCD chamber to remove any material introduced and blow out the chamber using compressed air if possible.

The camera can now be reassembled, please ensure that the large CCD chamber O ring is correctly seated in its recess.

Once the chamber is secured in place the camera can be flat tested to see if there is any noticeable dust on the CCD. We find a diffuser covered camera lens set at f/16 is good for this. Once this is done the desiccant will need recharging by baking in an oven at 200 deg C for around 1 hour. Please leave the camera to dry out for 24 hours before cooling the camera.

Any question or problems please contact us at support@atik-cameras.com