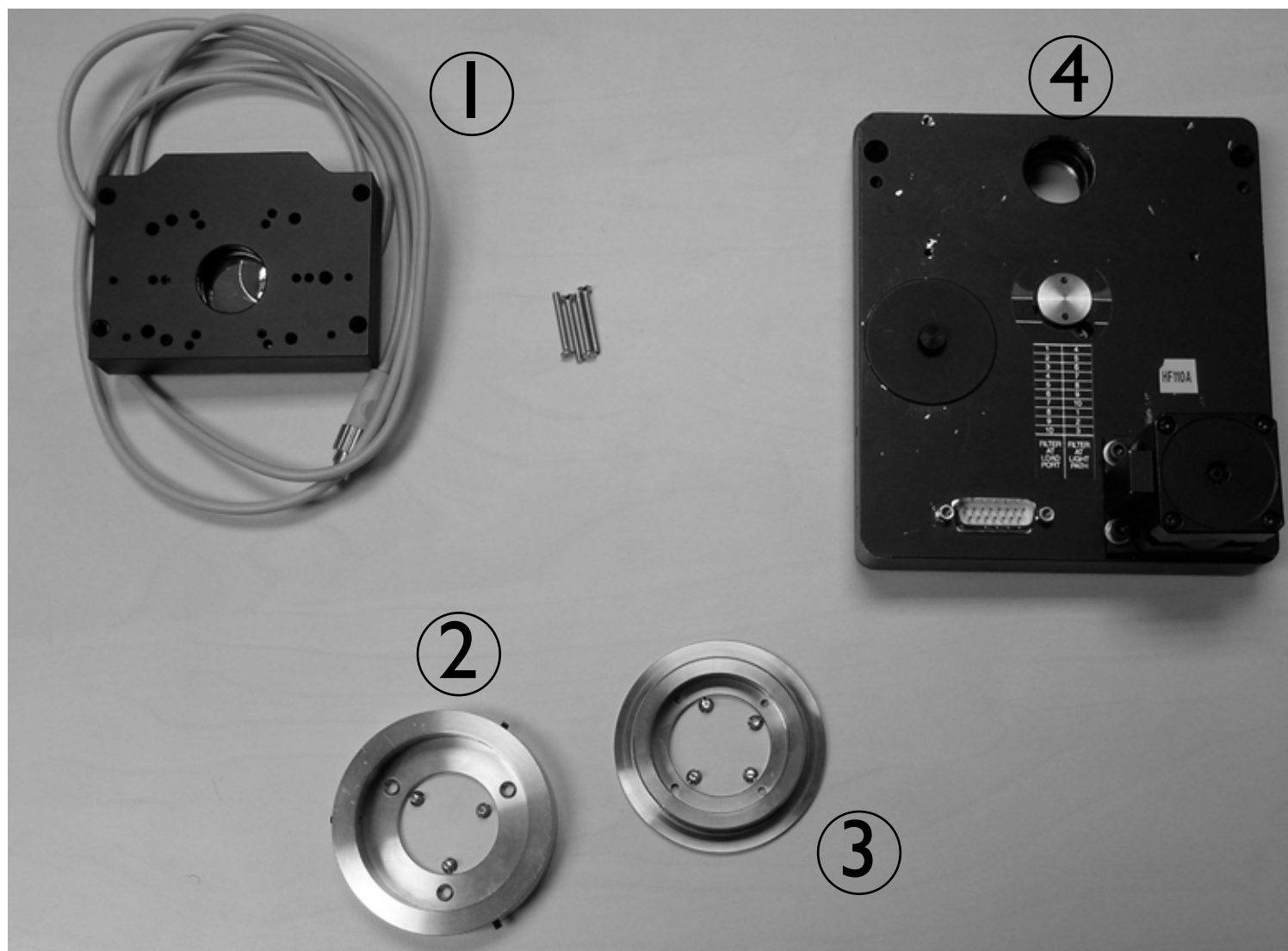


Installing a Shutter on a Filter Wheel

This guide is an introduction to installing a Prior Shutter on a Prior Filter Wheel. Please note that instructions for specific microscopes and parts may vary. Consult Prior Scientific if you are unsure.

You will need:

- shutter (1)
- adapter to microscope (2)
- adapter to light source (3)
- filter wheel (4)
- 2.5 mm ball hex key
- flat blade screwdriver

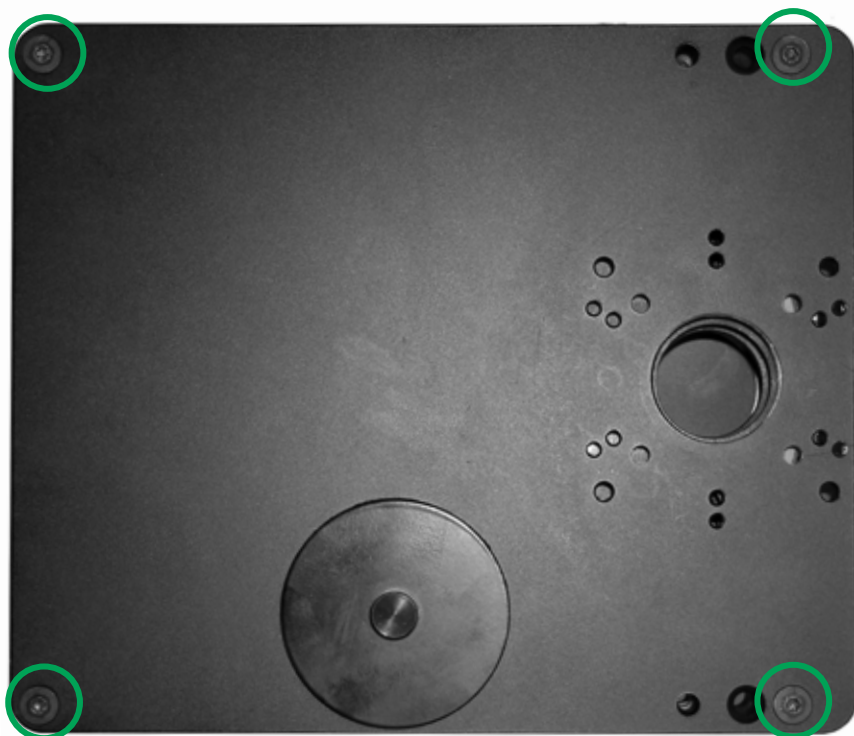


By the end, the microscope should be attached to the shutter via the microscope adapter. The silver side of the shutter should face towards the light source. The shutter is attached to the filter wheel, which in turn is attached to the light source via the light source adapter.

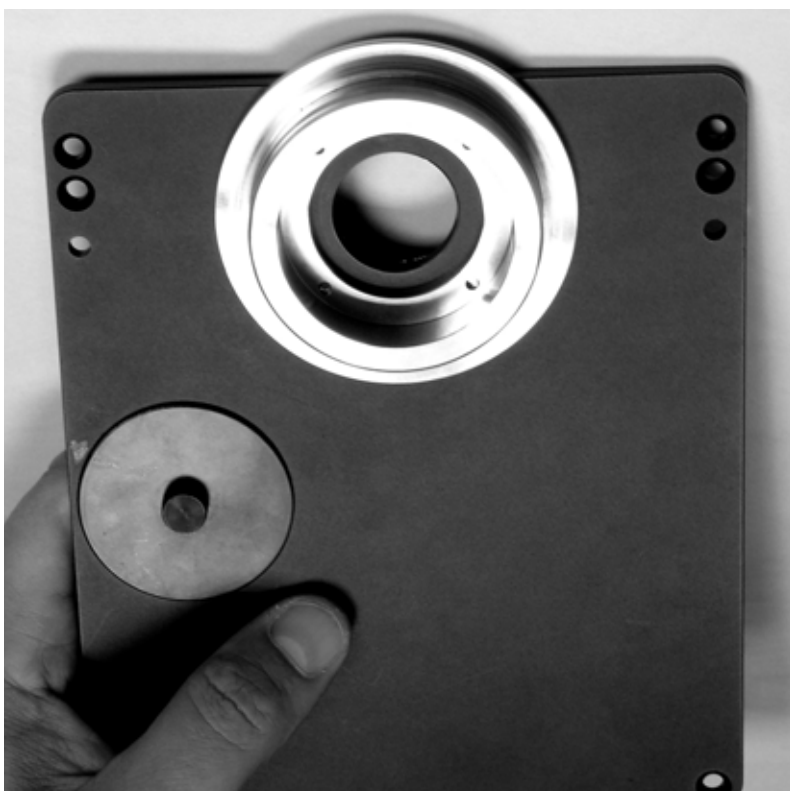
The two adapters can be distinguished by the number of screws present. The light source adapter has four screws, the microscope adapter ring has three.

If required, firstly detach the filter wheel or shutter from the microscope. This can be done by **LOOSENING** (not completely unscrewing) the bolts attaching the adapter ring to the microscope via a 1.25 mm hex key.

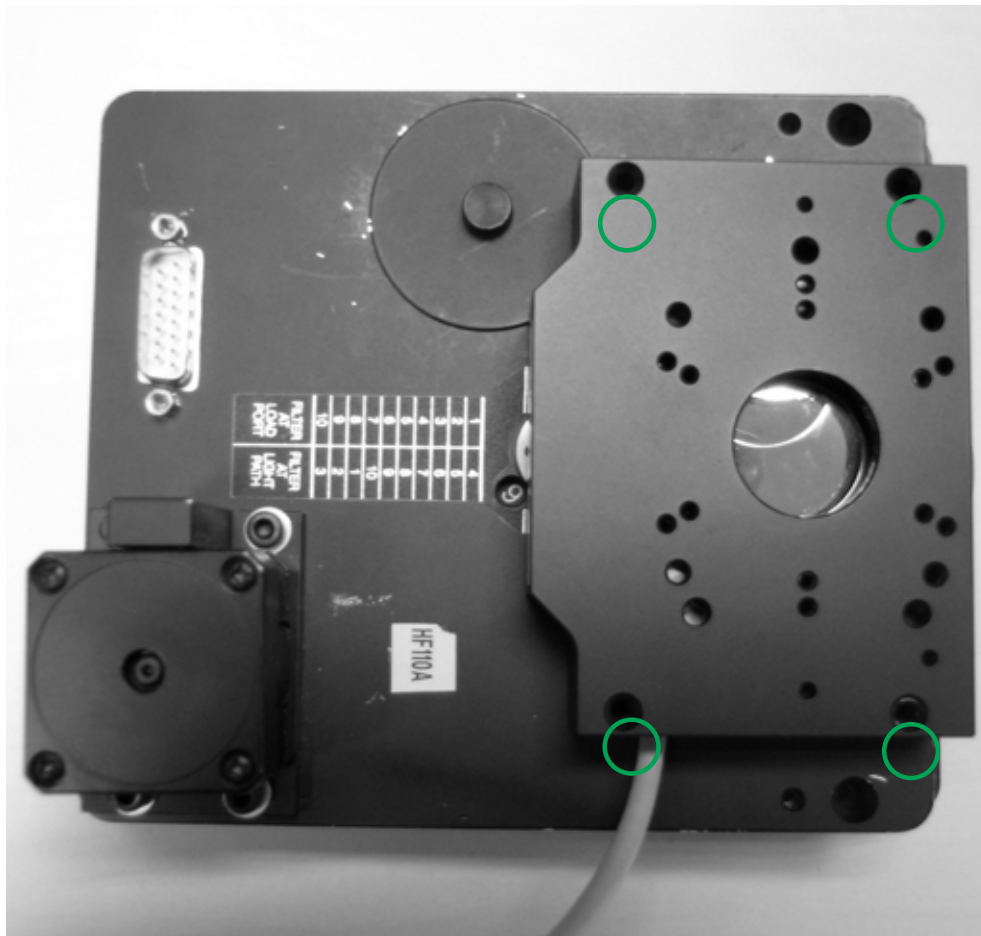
Unscrew any adapters using a flat blade screw driver. Lay the filter wheel face up, so that the screws (circled) face upwards.



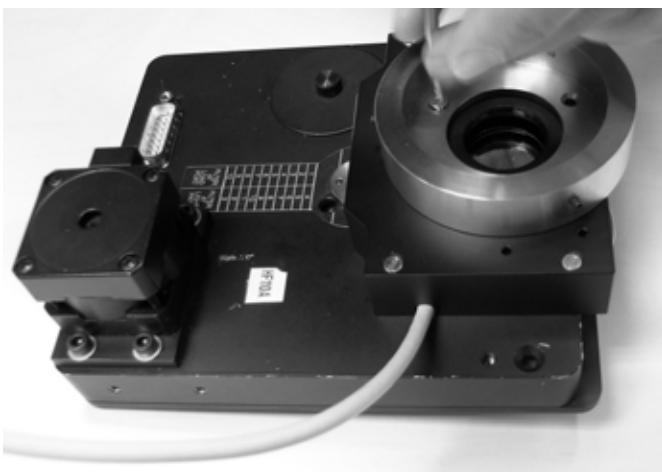
Remove the backplate. The adapter is placed on the backplate exterior, however the screws must be inserted and screwed in from the opposite side. Once the adapter is securely attached reattach the back plate.



Attaching the shutter is done by simply placing it on the reverse of the filter wheel and screwing in the four 25 mm screws into the circled holes. Bear in mind that the narrower end of the filter wheel should face downwards and that the silver side of the shutter should face outwards.



Line up the other adapter and screw that in. The shutter is now installed onto the filter wheel.



The assembly is now ready to be attached to the microscope and the light source.

