

Guide for checking the back focus linkage on the Pro35



Back focus adjustment lever

If the back focus adjustment has play and focuses the image in two different positions depending on the direction of rotation, the linkage may be loose and needs to be checked. The following description will guide you through the process. The work is fairly easy and does not involve critical optical adjustments. You will need some small Metric hex wrenches.

The mount had to be removed but first note the position of the locating pin so you can be sure to mount it back in the same position at the end of the process.



Removing the B4 mount is a matter of removing 6 screws using a 2mm hex wrench



Next the backplate comes off with 5 slotted screws.



To remove the iris ring, the iris lever has to be removed and for that the cap has to be unglued.



The iris lever is a long threaded part that can be unscrewed with a small screwdriver. For re-assembly, it is not too difficult to screw back in place if the iris is in the fully open position prior to disassembly.

The lever can then be leaned on the metal stop to line it up with the threaded hole on the iris body.

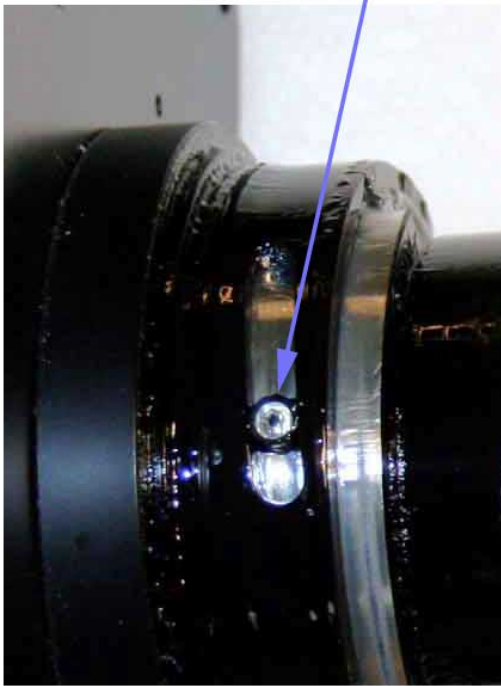
The iris ring slides off the relay once the lever has been removed.



We now have a view of the linkage that is likely to be at the origin of the trouble with the back focus play.

There are 2 cam followers (one on each side).

Cam follower



In the middle of the cam follower there is a hex head screw that needs to be tightened. Be careful to not over tighten it however but it should not be loose either.

A small amount of torque applied with a 0.89mm hex wrench is all that is needed. Check both sides and you are ready for re-assembly.

For re-assembly proceed in reverse order.

Please let me know if something is not clear or missing in this guide.

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