

Mounting Instructions JoLo Lensboard Mark III for the Kodak Aero Lens

Thank you for purchasing the JoLo lens board to create your very exclusive Personal Speed Aero Combo.

Please read this carefully, before even thinking of starting right away!

On the lens board you'll find the Allen hex key taped on the back of the lens board.

First of all tear off the tape and use the Allen key to turn the hex screw on top of the JoLo lens board until it does no more extrude inside the thread.

- 1) Cover the front and rear lens while working on the lens.
- 2) Remove or cover the ground glass of your camera to avoid breaking the glass.
- 3) Clean your Aero lens thread thoroughly with a brush and if necessary some lighter gasoline. Make sure nothing of the liquid can enter the inner lens.
- 4) These objectives are more than 50 years old. Therefore, you may check the thread carefully for imperfections. If you do find imperfections use a sharp knife or even better a special file to repair the thread. (fig 2) Always use a magnifier!
- 5) Turn the fixing screw (fig 7) a bit anti clockwise so that it does not protrude on the inner thread of the lens board. (fig 1)



fig 1



fig 2

- 6) Try the lens board if it runs easily on the lens thread (fig 1)
- 7) If it does not, please turn it back again and try to find the cause of the problem.
Do not force the lens board by turning it too tight. The lens board might not loosen again without seriously damaging the thread and thus making the lens unusable.
- 8) The lens board should be positioned so that its rear edge just covers the lens threads, without allowing any threads to protrude backwards. (Fig 8)
- 9) Now search for the right position so that the marking point of the diaphragm points up and lies in a straight line with the fixing screw. Fig. 5

- 10) Fix this position by turning the hex screw tight with a hex wrench. Fig.6
- 11) Now you may mount the lens on the camera by placing the lens board with lens in the open standard.
- 12) Attention! The board is not a full square, so you'll have to make sure that the JoLo inscription is on top left of the camera standard (fig.4) Close the slide locks.



- 13) If the slide locks do not slip over the lens board, you may loosen the two screws of the slide lock just one turn. Now the slide locks will easily slip over the lens board. Now fasten the screws again. However, for easy lens changing you may try to find some fitting washers for mounting under the slide locks. Photo on the right shows such a washer for use under the slide lock.
- 14) Remove the shutter release arm of the manual front standard tripper.



- 15) Some of the rear cells of the Aero Lenses do not fit immediately into the black square of the lens standard. It is not more than a tiny little bit of space that you need. You may try again by tilting the lens a bit while turning it at the same time. Make sure the standard is locked when pushing the lens a bit more. Next time the lens will go in without any problem. However, if it does not work this way, you may widen the square opening of the light trap. I successfully used a chain rivet extractor. Just one or two turns vertically and one or two horizontally and the rear cell of the Aero lens will slip in without any problem. If done properly, this widening does not affect the use of other lens boards on your camera. Cover the inside back of the camera with cloth to protect the ground-glass when working on the standard.



Chain rivet extractor in action

If you intend to focus exclusively on the ground glass, you may skip to 23)

- 16) Loosen the four screws of the infinity stops and slide them a few inches forwards.
- 17) Move the track all the way back into the camera body by turning the focusing knobs on front of the bed. The distance scale should be positioned on infinity. Lock this position by turning the track lock on the right side of the bed near the focusing knob.
- 18) Set the Focal Plane shutter on position “O”. You will be able to see an image on the ground glass.
- 19) Swing the front standard lock out straight (fig.3) then pull out the standard with lens while sighting the ground glass. Now try to find the best possible crisp image on the ground glass from a far away subject, such as a church tower. Use a magnifier. Having found the best possible image, turn the standard lock to the left or to the right to hold the standard locked on this position.



Fig 3



fig 4

- 20) Reset the infinity stops at this position. Hinged stops raised against the front standard. Fasten the front screws of the infinity stops. Swing standard lock straight and slide the standard back. Fasten the rear screws of the infinity stops. Slide the standard back to the infinity stops. This location of the infinity stops has become the new reference point for the Aero lens.
- 21) Check again if the image on the ground glass on a far away object is crispy sharp.

Start the Kalart Rangefinder calibration procedure.

Please be aware that the Rangefinder adjustment is limited. This limitation is about as close as 6 to 10 feet depending on your lens.

The calibration instructions can be found on my web site [Calibration](#)

- 22) The camera cannot be closed with the Aero lens mounted. Therefore, you will have to remove it.
- 23) For those who do not want to adjust the Kalart rangefinder and want to use exclusively the ground glass to focus, it would be a great advantage to replace the infinity stops on the right place for use with the 7 inch Aero. To do so move the track all the way back into the camera body using the focusing knobs. Now loosen the screws of the infinity stops and find the new infinity location for the standard by sliding the standard with the lens along the track while watching the ground glass for a sharp image on a subject a mile away. Having found that location, turn the lock to the right to secure the front standard firmly. Now slide the infinity stops back directly against the standard in the new found position for the 7-inch lens. Use the screws to tighten the infinity stops to the track.
- 24) To close the camera: Unlock the track lock and if necessary move the track back into the camera house by turning the focusing knobs.
- 25) Next, unlock the front standard by swinging the front standard lock forward. Move the entire front standard as far as possible into the camera body and lock it in place.
- 26) **Always check to be sure that the sliding track is moved all of the way back into the camera body before closing the camera to avoid breaking the track guides.**



fig. 5



fig. 6



fig. 7
Good luck!
Jo Lommen.



fig. 8