

1

**Camera Pre-Alignment** - Set the test camera's aperture to  $f8$ . Looking through the test camera's viewfinder, adjust the camera's position so that the center FocusTarget of LensAlign is approximately aligned with the center autofocus point of the camera.



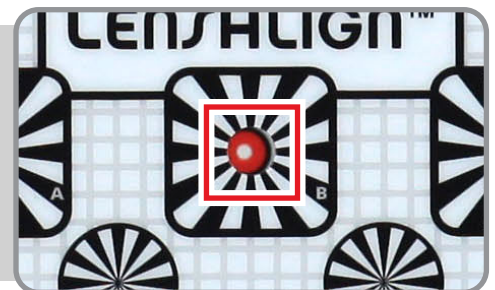
2

**Back-Sighting** - (Note: Back-sighting makes camera/LensAlign alignment quick and easy, but is not a required step. If LensAlign is positioned so that back-sighting is not possible, skip to step 3). Go behind LensAlign and place your eye behind the Rear Plate. Viewing through the center Rear and Front Sighting Holes, adjust LensAlign's position so that the center of the test camera's lens is viewed in the center of the sighting holes. Readjust the camera so that the center autofocus point is again aligned with the center of the LensAlign FocusTarget.



3

In this example, camera alignment to LensAlign is about 95% accurate. The goal of alignment is to adjust the camera's position until the hole in the Rear Plate "Bullseye" is centered in the center sighting hole, and both are centered in the frame. When this is achieved, the FocusTarget of LensAlign and the camera imaging plane will be perfectly parallel, which is required for accurate focus evaluation. (Note that the Alternate Sighting Dot will not necessarily be centered when perfect alignment is achieved).



4

**Front-Sighting** - To achieve final alignment, first check by taking a test shot and then zooming in on the playback image in the camera's rear LCD or, if your camera has a Live View function, you can use this with its zoom function to carefully check the alignment of the camera to the LensAlign FocusTarget. If the dot of the Rear Plate is not properly centered, physically adjust the placement (left/right) or height of the tripod while viewing through the viewfinder or Live View. Confirm proper alignment by Live View or a test shot (not via the viewfinder). If needed repeat this step until proper alignment is achieved.



5

After sighting is complete, do not change the position of the test camera or LensAlign. Sighting must be checked and possibly repeated if the camera or LensAlign is moved. Be sure to set the camera to Manual or Aperture Priority exposure mode and open the aperture of the lens to its lowest  $f$  stop (wide open). You are now ready to capture test images.



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