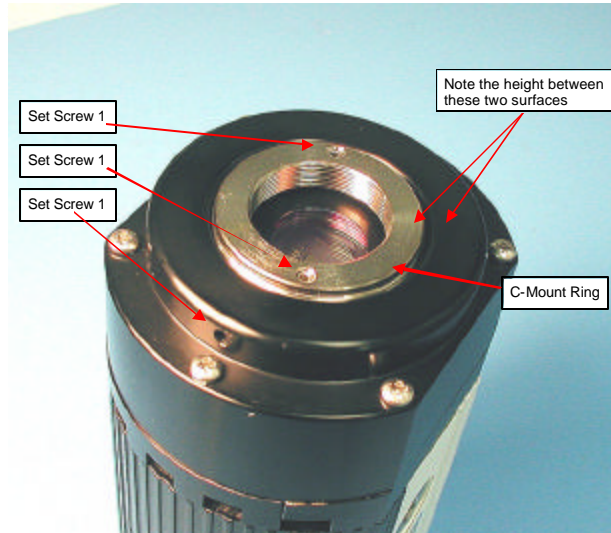
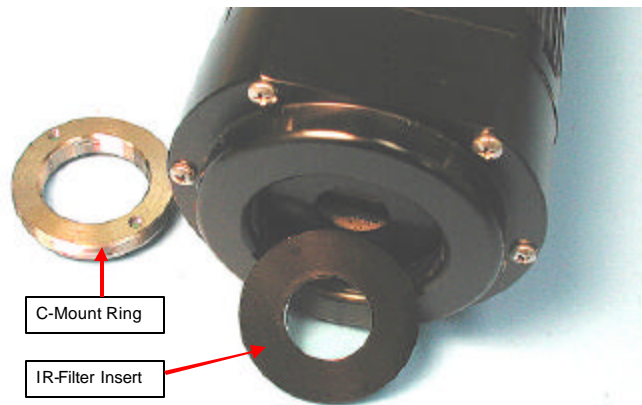


(DO NOT TOUCH ANY GLASS SURFACE BY HAND OR BY ANY OBJECT. IF THERE IS ANY DUST OBSERVED ON ANY SURFACE, USE AIR BLOWER (duster) TO REMOVE THEM. ANY FINGER PRINT ON ANY GLASS SURFACE MUST BE CLEANED IMMEDIATELY USING 99% ISOPROPYL ALCOHOL.)




### 1. Remove the C-Mount ring

- I. To insert the IR Filter, the C-Mount ring must be removed.
- II. Loosen the setscrew on the side and remove the 2 set screws on top, using the 1/16" HEX Driver provided.
- III. Please note the height of C-Mount ring from the front surface of the camera head.
- IV. Unthread the C-mount ring.



### 2. Insert the IR Filter

- I. Insert the IR Filter (The actual IR filter is part of a black metal ring).
- II. DO NOT TOUCH the any glass surface including the CCD imager.
- III. Thread back the C-Mount Ring on to the camera.
- IV. Make sure the height of the C-mount ring is the close to as it was observed previously.
- V. Tighten the setscrew on the side.

 <p><b>QIMAGING</b> QUANTITATIVE IMAGING CORPORATION</p>	Title: Inserting the IR filter	Date: 06/10/02
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### 3. Re-Focus (Perform Back-Focusing)

- I. Thread-in a C-mount lens with variable focus and set the lens to infinity. If there is no infinity mark, set it to the farthest possible distance (22ft, 15ft or 7ft).
- II. Loosen the setscrew on the side.
- III. Point the camera to an object located at the distance that C-mount lens was set to.
- IV. Rotate the lens (without changing the distance setting) until you can get the object in focus. Make sure that lens rotates together with the C-mount lens.
- V. Once the object is in focus, tighten the setscrew on the side.
- VI. Remove the C-mount lens.
- VII. Place and tighten the other 2 setscrews on top. These setscrews are holding the IR filter in place.