

LV1 Lens Vise Procedures

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Not everyone uses a tool the same way. In many cases, there are multiple ways to get the same job done. I would like to share some tricks I have learned to get the best results from the LV1 Lens Vise.

You will need a small hammer to accomplish this procedure. I recommend you use one that is no larger than 4oz. The damaged portion of the lens should be weaker than the good side because it has been bent. If you get in a hurry, you will end up with an egg-shaped filter ring, where with a little practice and time you will be able to obtain acceptable results.

Read this procedure completely before attempting any work to the equipment you intend to work on before beginning procedures. Practice all repair techniques on old, discarded "junk" lenses to become skilled with the procedures before attempting any work on valuable equipment.

1. Determine which set of jaws to use. First check the arc of the large set of jaws against the lens you desire to fix. If the center of the arc touches the threads of the lens use this side. If the ends of the arc are touching and not the center, use the smaller set of jaws.

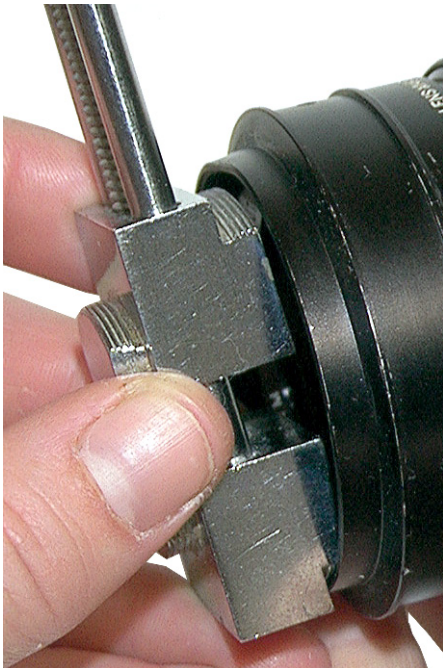


FIGURE 1

2. Locate the dented section of the lens and insert the Lens Vise with the handle pointing at the center of the dent as shown in figure 1.

3. Expand the Lens Vise just enough to where it will stay attached to the lens and not fall out. Expand the Lens Vise 1/4 turn.

4. Make sure that the handle is pointing directly at the damaged portion of the filter ring.

5. Tap lightly on the back side of the Lens Vise with the small hammer as shown in figure 2. Be careful to not strike the lens with the hammer.

6. Examine the lens to see the results of your work.

7. Repeat steps 2-6 as many times as needed. It's much better to do a little bit at a time than to get in a hurry and cause additional damage.

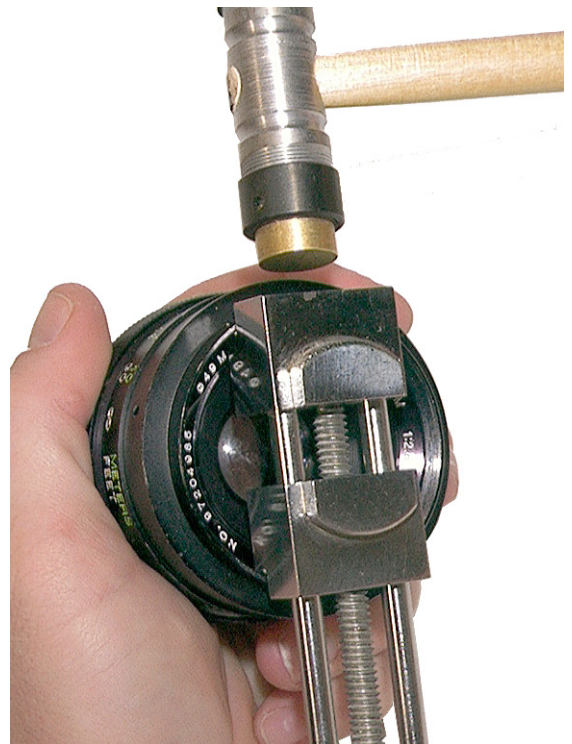


FIGURE 2