

## ProSeal Instructions for Konica Auto S2

Please read these instructions completely before you start. Knowledge will increase your confidence, and like most jobs, this is better done right the first time. I think you'll find re-sealing to be fun, and I've tried to keep things as easy and logical as possible. Sealing your camera is one of the best ways to help it take really nice pictures. You have been given this set of instructions for any of several reasons. You should have already read and understood the general directions which accompany my light seal kits.

Here are some things you may need: (1) a safe surface to work on—I like to use a piece of cardboard about 1.5' by 1.5', but you can work on fiberboard, newspaper or anything else handy--the important thing is to protect the surface beneath you. (2) Some solvent. Naphtha (cigarette lighter fluid is the same thing) or denatured alcohol are my favorites. (3) 2 or 3 paper towels. (4) some toothpicks or your bamboo tool—if you have access to a wooden cuticle stick, this is a handy tool. (5) a safety razor blade, hobby knife, or small scissors. (6) a small screwdriver (7) a pair of tweezers. Now, let's take a look inside your camera:



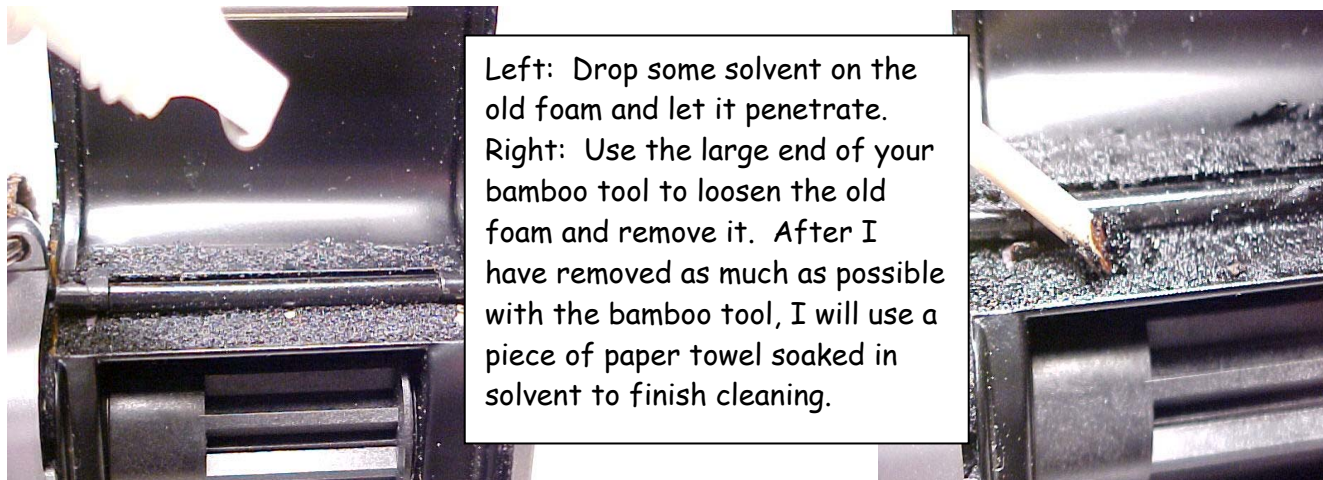
At the hinge end, you are likely to see a real mess. Generally, the old seal has deteriorated to the point where it looks like there was originally seal foam applied to both the body and the film door, but there wasn't. You may also see imbedded in the old foam pieces of film chips, hair, dust and whatever else contacted it. The gap between the camera body and film door is very thin, and we're going to do something that will improve the original design.



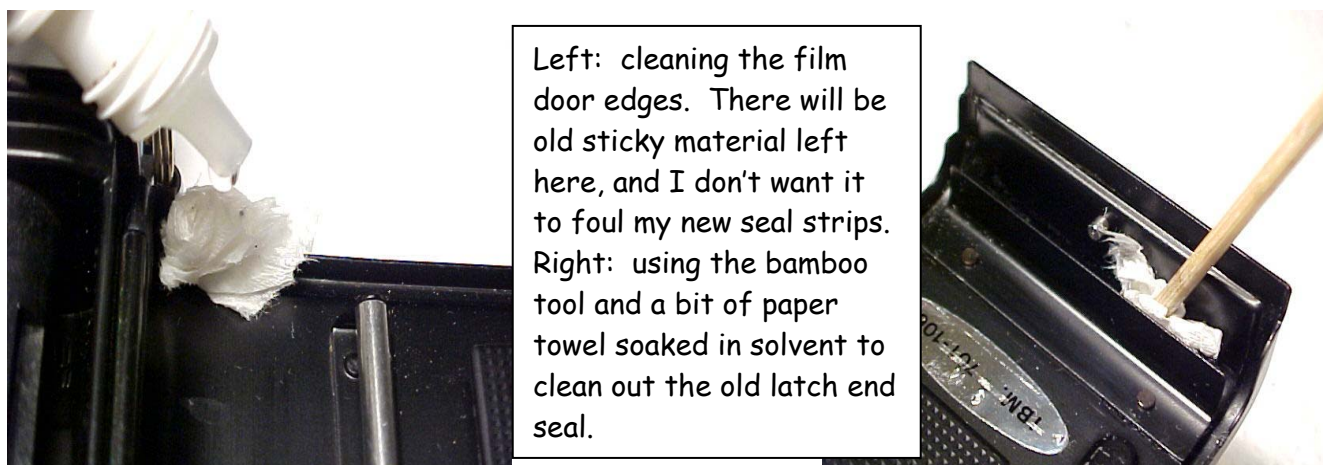
At the latch end, you will see a foam seal in a slot formed by a baffle plate and the edge of the film door. It has turned to mush, and we'll replace this one, also.

Now we need to clean up the old goopy junk. Use your small screwdriver as a dropper to carefully drop solvent on the hinge end seal, or you may use a small dropper bottle like an old contact lens cleaning solution bottle. I normally use enough to saturate the old foam, but not to the point of dripping. Let it sit a minute or so and then begin scraping it off. You may use a

toothpick with the end broken off, the wide end of your bamboo tool, a wooden cuticle stick, or a popsicle stick or coffee stirrer. Work carefully and try not to scratch the painted surface. Your work will go better if you are patient and give the solvent time to dissolve and loosen the old adhesive. IMPORTANT NOTE: Observe the precautions on the solvent can. Work in a well-ventilated area and avoid too much skin contact or contact with eyes, and don't drink it. Please see below:

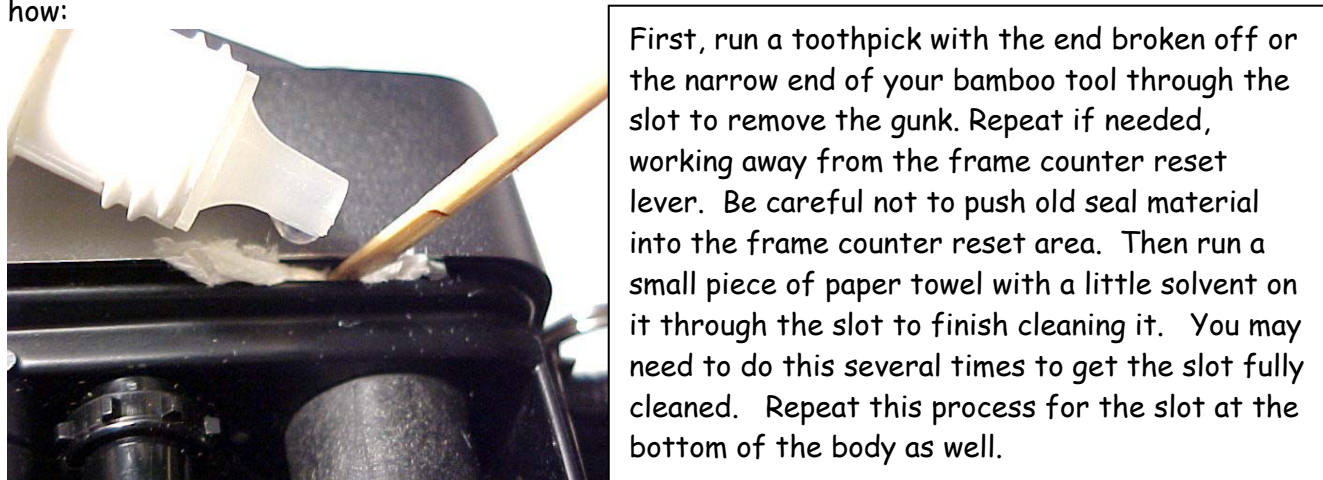


Left: Drop some solvent on the old foam and let it penetrate. Right: Use the large end of your bamboo tool to loosen the old foam and remove it. After I have removed as much as possible with the bamboo tool, I will use a piece of paper towel soaked in solvent to finish cleaning.



Left: cleaning the film door edges. There will be old sticky material left here, and I don't want it to foul my new seal strips. Right: using the bamboo tool and a bit of paper towel soaked in solvent to clean out the old latch end seal.

Now we're going to clean out the rail slots on the camera body and replace those seals. Here's how:

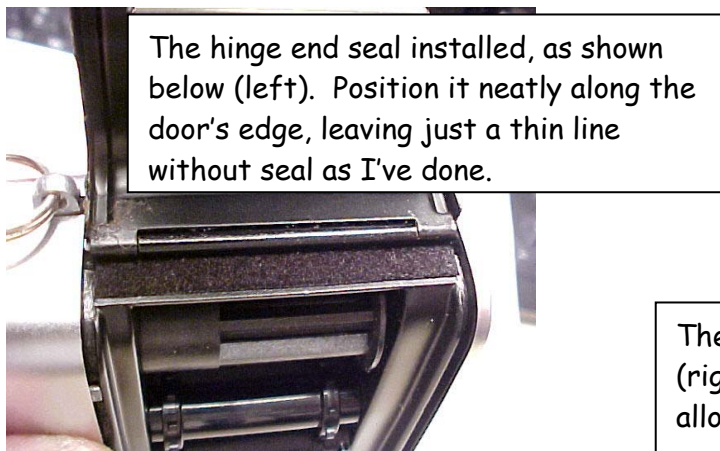


First, run a toothpick with the end broken off or the narrow end of your bamboo tool through the slot to remove the gunk. Repeat if needed, working away from the frame counter reset lever. Be careful not to push old seal material into the frame counter reset area. Then run a small piece of paper towel with a little solvent on it through the slot to finish cleaning it. You may need to do this several times to get the slot fully cleaned. Repeat this process for the slot at the bottom of the body as well.

Next, take a long 2mm piece of non-adhesive seal material and press it into the slot using your fingertip. Use the small end of your bamboo tool to guide it in and press it down. Start at the hinge end and work toward the film frame counter. Don't let the seal material turn or twist. Don't worry that there is no adhesive. With this seal you don't need it. The pressure of the seal material against the channel walls will keep it in place perfectly and provide a full-channel and completely effective light baffle. When you reach the frame counter lever, use a razor blade, small knife or tiny scissors to trim the excess so the strip will finish at the edge of the lever and tuck it in. Repeat this procedure for the part of the slot starting at the film frame reset and extending to the latch end. Repeat for the lower slot, using a single long piece. Here are three images for you:



Now, let's replace the hinge end seal. Cut a piece of 1mm thick self-adhesive fabric seal 52mm x 5.5mm. Lick or moisten the adhesive side of the piece after removing the paper backing. This will give you time to position it neatly.



For the latch end seal...Cut a piece of 3mm self-adhesive open celled foam 48mm x 4mm. Lick the adhesive side well after removing the backing paper (to allow you to push it into the trough) and guide it in with the adhesive side facing downward. Using your bamboo tool's large end, carefully press it down evenly as I have done in the above right picture. After about 20 minutes, your saliva will have dried, and you can press the hinge end and latch end pieces down for a final fit. Please keep both of them straight.

Now, close your film door and let your camera sit a few hours or overnight to allow the new seals to get happy with their new surroundings. You may use the 1mm open-celled sponge for the

hinge end seal in this camera if you prefer. The 1mm open-celled foam more closely matches what was originally used in your Konica. Please **do not** use inferior seal products in your cameras. Using the best costs no more, and the benefit will be less strain on your film door plus a more professional product with a longer life expectancy.

~~NOTES~~



Please see image to the left. I have observed that a thin line of 1mm fabric seal may be added to this ledge if desired (maybe 3mm wide or so). It isn't necessary, and may not improve the sealing ability of your Konica, but the clearance is there for it, and it almost looks as if this spot was originally designed to have such a seal piece.