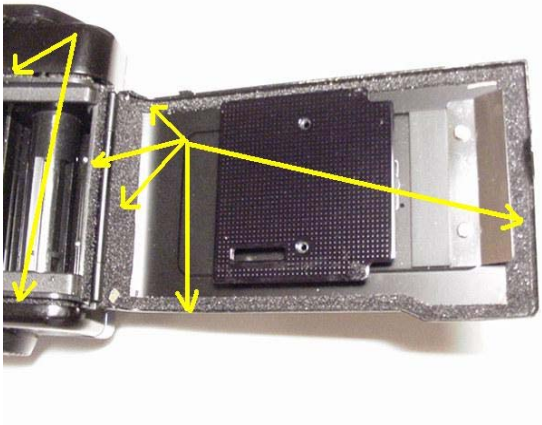
# ProSeal Instructions for Konica C35 EF3, C35 AF and similar

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 perform as it should. 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 and a metal straightedge. (6) a small screwdriver (7) a pair of tweezers. Now, let's take a look inside your camera:



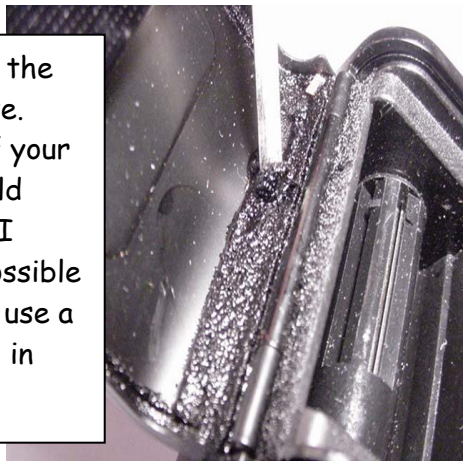
To the left, you'll see old foam around the perimeter of the film door, on the inside body ledge on the hinge end, and in the film door slots on the top and bottom of the body. This foam will be gooey and deteriorated, and you are likely to see old film chips imbedded in it. We're not going to replace the foam strip on the inside body ledge in this set of instructions, as I don't think it will be needed. If you want to replace it on your camera, please use the 1mm thick open-celled foam for that piece.

We'll start by cleaning out the film door slots. Press a bit of paper napkin or towel into the slot and saturate it with a solvent like denatured alcohol or naphtha. Using the thin end of your bamboo tool, push this bit of napkin through the slot until it is clean. Be careful to avoid the film frame counter reset lever. It is about 1 inch from the left end in the top slot. Clean both top and bottom slots.

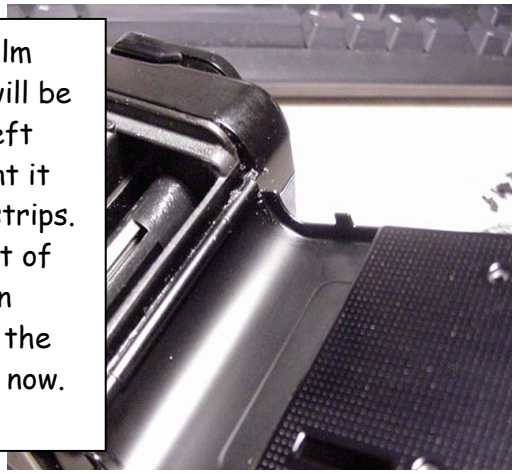
Now, we'll clean the film door. To apply the solvent, you may use a small dropper bottle like an old contact lens cleaning solution bottle, or you may drop it on with the tip of a small screwdriver. I normally use enough to saturate the old foam, but not to the point of dripping. Let it sit a minute or so and then begin scraping it off. You may use a toothpick with the end broken off, the 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.



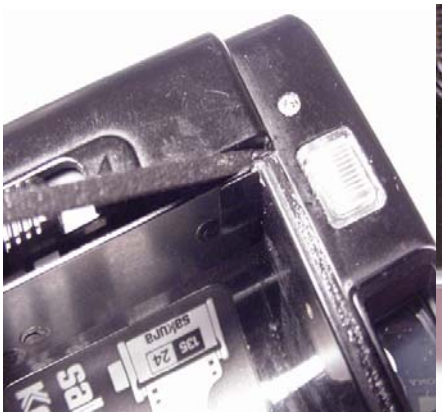
Left: cleaning the film door edges. There will be old sticky material left here, and I don't want it to foul my new seal strips. Right: using the a bit of paper towel soaked in solvent, I've cleaned the film door completely now.



Now we're going to replace the rail slots on the camera body. Here's how:

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, and be sure the skinned (or slick) side faces outward. 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. When you get to the latch end, make the turn and continue the strip about ½ to ¾ of an inch as shown:



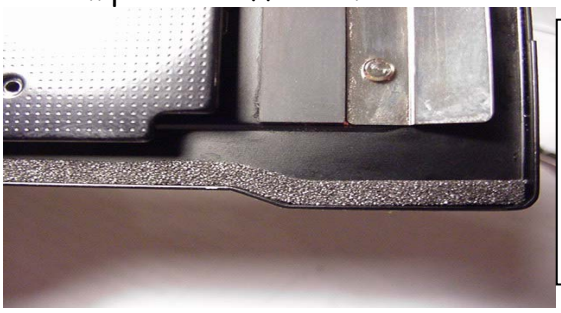

For the seal at the bottom of the film canister cutout, I'd use a thin piece of 1.5mm thick self-adhesive foam cut about 1.5mm wide. **Lick** the piece well and slip it into the slot. Once your saliva has dried, you can press it down for a final fit. The non-adhesive strip would be disturbed by the film canister in this case

Now, let's replace the hinge end seal. Cut a piece of 1.5mm thick self-adhesive open celled foam 6.5mm wide x 49mm long. **Lick** or moisten the adhesive side of the piece after removing the paper backing. This will give you time to position it neatly. Install as I've done below:

The hinge end seal installed, as shown below (left). Position it neatly along the door's edge, butting it up to the rounded hinge edge.

The side door seal installed, as shown above (right). Please lick or wet before installing to allow time to adjust for fit.

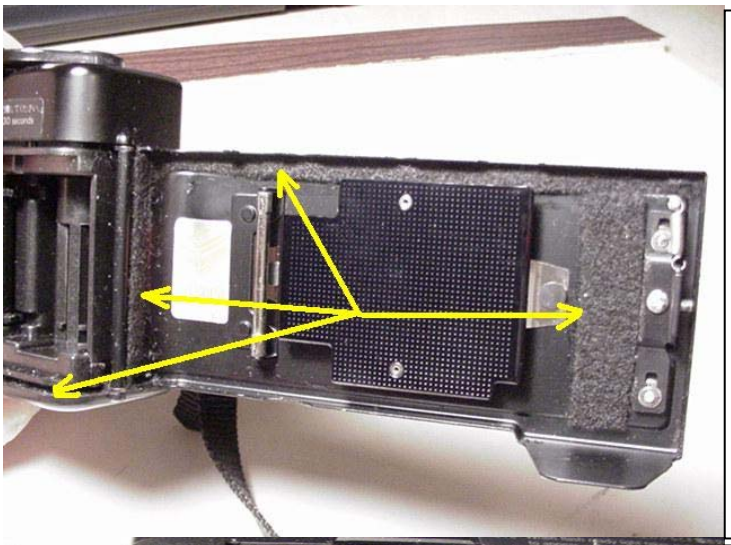
For the top and bottom side film door seals, please cut a piece of 1.5mm thick self-adhesive open-celled foam 3mm wide by about 6 inches long. Remove the backing paper, lick the piece well and slide it into position as shown above. Let it dry and press it down for the final fit. The bottom piece is different. Please take a look:



The piece is 3mm wide, but it has an angled bend toward the end. This is not difficult if you remember to lick the piece (you may also lick the film door) first. The piece will flex and bend perfectly to the shape needed. Work like a pro! Trim to fit at the end as shown.

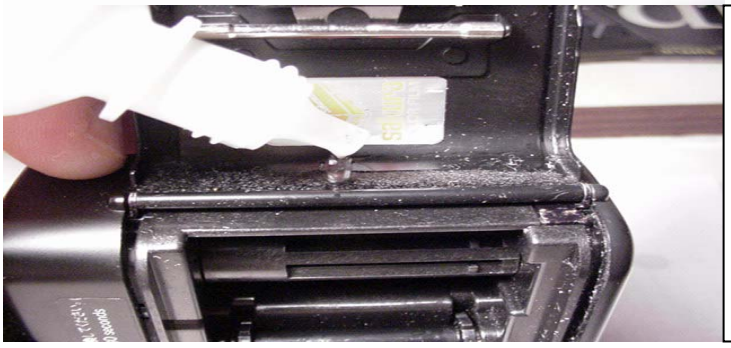
For the latch end seal, cut a piece of 1.5mm self-adhesive foam 6mm wide by 45mm long. Remove the backing paper, lick the piece well and fit between the side pieces you've installed. While wet, position as needed and let it dry. In 20 or 30 minutes, you can press it down for the final fit.

**~~Addendum for the C35 AF model~~**

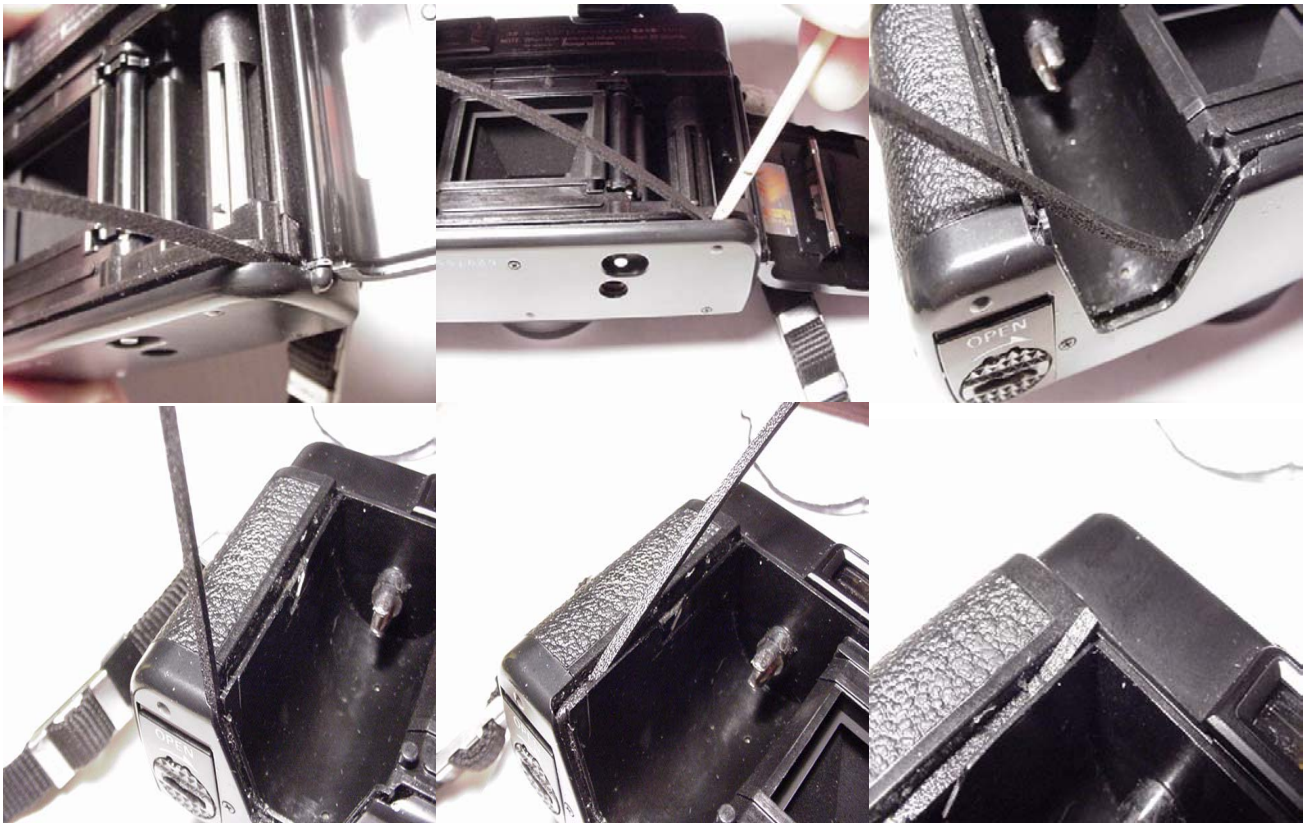


Somebody had tried their hand at re-sealing this camera before I got it, so we will re-construct what should have been there. As you can see, what was used was 1/16" craft felt. There is no seal in the top body slot of this model, but there is on the lower body slot. In a minute, you'll see what I found in there. You will also note there is no lower film door side seal…just the top side seal, the hinge end seal and a pad to hold the film canister in place.


As you can see, I'm removing some common yarn held in place with what looks like silicone caulking compound. For the record, this will work as a light seal, but it is not what a professional repairman would ever use. Much better alternatives exist, as we'll soon see…



As before, I apply solvent to all the old seal, remove and clean well. Be careful not to scratch the paint under the old seal. Unfortunately, the person who re-sealed this camera may have used a screwdriver tip to remove the old seal and that can leave scratches.




Above, with one 2mm non-adhesive strip we will take care of the body slot neatly. Start at the hinge end and follow all the way around the slot, keeping the slick side facing outward. Go down through the little valley, up and make a turn to go up the side. Trim to fit the end, and you're done. No adhesive is needed. Below, we install the hinge seal, side seal and film canister pad:

For the hinge end, please cut a piece of 1.5mm thick self-adhesive foam 3mm wide x 50mm long and install as per previous instructions. For the top side piece, please cut a piece of 1.5mm self-adhesive foam 3mm wide x about 6 inches long (to allow for trimming), remove backing paper, lick well and install as per the middle frame above. Trim at the latch end to fit. For the film canister pad, please cut a piece of 2.5mm thick self-adhesive open-celled foam 10mm x 42mm and install as shown in the upper right frame. You may lick this piece to allow for accurate positioning. Let all seals dry and press down for a final fit.

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. 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.

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Jon Goodman --- 2006