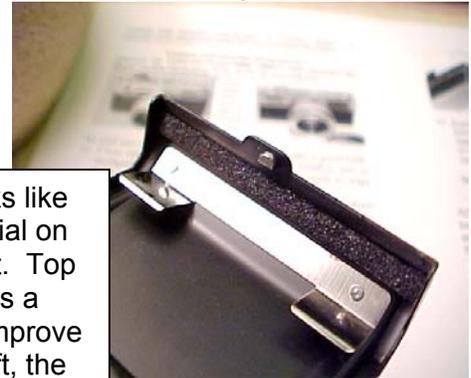


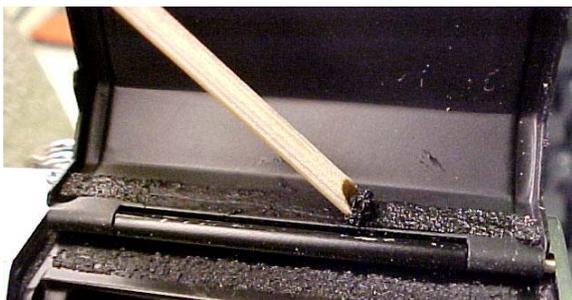
ProSeal Instructions for Fujica ST 605 series SLR

Please read these instructions **completely** before you start. Knowledge strengthens confidence, and like most jobs, this is better done right the first time. I think you'll find it rewarding and fun, and I've tried to keep things as easy and logical as possible. This is a very popular and well-designed SLR, and the job you're doing now is very important in repairing one of its most common problems.

Here are some things you may need: (1) a safe surface to work on—a piece of cardboard about 1.5' by 1.5', fiberboard, newspaper or anything else handy--the important thing is to protect the surface beneath you. (2) Naphtha (cigarette lighter fluid is the same thing) or denatured alcohol for a solvent. (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 and begin our work:



Top left, the hinge seal. It looks like there was originally seal material on both surfaces, but there wasn't. Top right, the latch end seal. This is a simple foam seal which we'll improve when we replace it. Bottom left, the inner latch end seals. Very simple and needing repair. Lower right, we begin cleaning the hinge seal by dropping some solvent on it. An old contact lens cleaner bottle makes a good dropper.



Above left, using the large end of the bamboo tool, I'll start removing the old seal goo. I'll finish cleaning this with a bit of paper towel soaked in solvent. Above right, I'll use some paper towel and solvent to clean the film door edges very well, also. They will have old goo on them, and I don't want that to ruin my new seal material.



Left—the hinge area nicely cleaned. As you can see, the paint on my film door was degraded by the old foam goop. This is normal, and you can repaint this if desired. To the right, the latch end area cleaned. You'll notice the old seal foam has caused a bit of paint loss there, also. Again, not the end of the world, but you can fix if you wish.



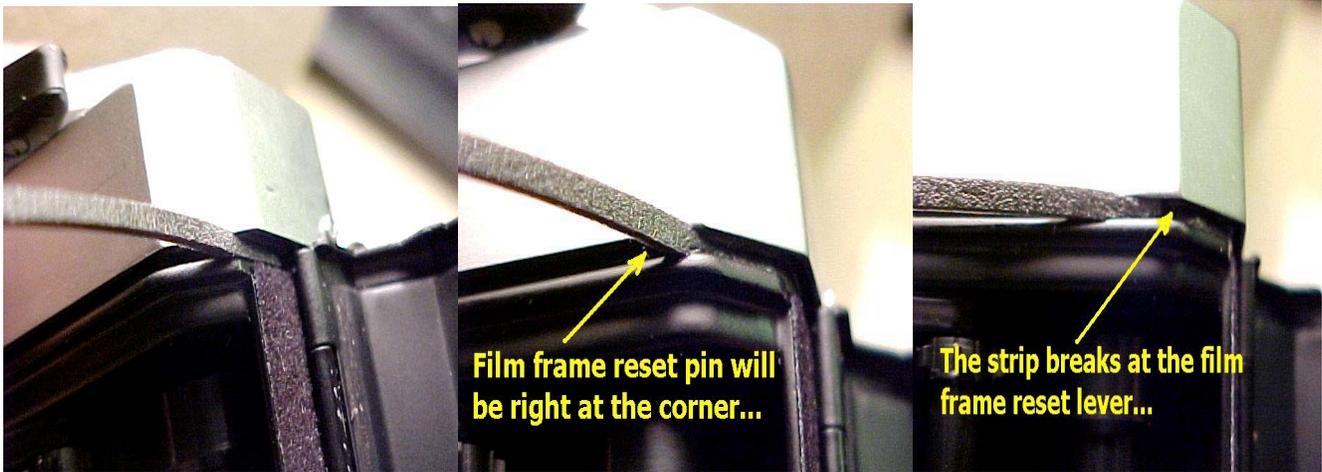
Left: I begin cleaning the film door slots. With a bit of paper towel pushed into the slot, I wet it with solvent and push it through the slots with the narrow end of the bamboo tool. I'll repeat this until the slots are very clean, and I'll do the same thing to the inner latch end seals which we saw above. Usually I find it easier to first remove the inner latch end seals with a small screwdriver...just sort of scoop them up. Then I will clean the area well with a bit of paper towel and solvent. Please remember to take your time and don't hurry or become anxious.



Left: I've replaced the hinge end seal with 1mm thick fabric seal material cut 49mm x 6.5mm. Right: I've replaced the latch end seal with 1.6mm thick fabric cut 46mm x 6mm. This is wider than original, but it will be a vast improvement. Remember: lick the adhesive side to delay adhesion and give you time to position the pieces accurately.



For the inner latch seals, you will need two pieces of the 1.5mm self-adhesive open-celled foam. One will be 24mm long, and the other will be 17mm long. There are two secrets to replacing these seals correctly. One—clean the old seals off very well. Two, **lick** the adhesive side of the pieces before you install them. Use tweezers or gently guide them in with the thin end of the bamboo tool, and leave them alone until your saliva dries. This usually takes about 15 to 20 minutes. Then you can press them down for a final set.



Above, I start the Seal Strip into the end of the slot and press it gently in. Don't worry that there is no adhesive on this strip. Sidewall pressure will keep it in place indefinitely. Don't let it twist or turn, but guide it up the slot until you reach the film frame reset pin. Cut the strip and re-start it on the other side of the reset pin. Continue to the end of the slot and repeat for the bottom slot. **Note:** Please see final image on page 4 for an important detail about the bottom slot.

~~THE MIRROR DAMPER~~



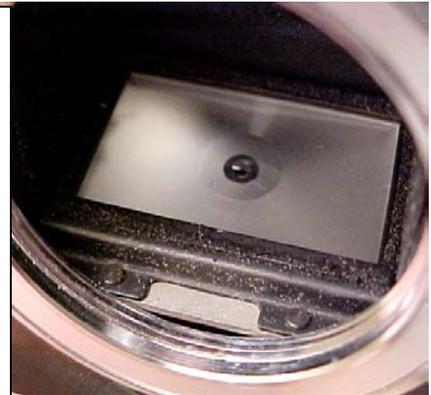
Top left: I use an X-Acto style hobby knife to remove the old damper pad. Be careful, work under a good light, and tilt the camera so that the loose foam you remove will fall out the lens opening and not on the screen.

Do not use solvent in this area.

Top right: You can see I have carefully removed the old foam. Take your time on this job.

Bottom left: Cut a piece of 3mm thick foam 38mm long x 3mm wide, lick the adhesive side (to keep it from sticking to anything too quickly) and set it in place. Use a pair of tweezers to hold it and set it in.

Bottom right: Lift up the mirror and use it to press the new pad in place when your saliva has dried...about 20 minutes.



The mirror damper is easier than you may think if you'll follow directions and take plenty of time. First, clean the old pad off using an X-Acto style hobby knife as you see above. Tilt the camera so the old damper pad will fall out the lens opening and not toward the focus screen. When you have carefully removed the old pad, cut a new damper pad from 3mm thick open-celled foam. The dimensions are

38mm long x 3mm wide. **Lick** the adhesive side to temporarily delay adhesion and make this pad easier to install. Then set it in place with a pair of tweezers and adjust it to be straight and even. After your saliva has dried (about 20 minutes), lift up the mirror and press your new pad into place.

NOTE: Please do not place paper or tissue on your focus screen in an attempt to keep it clean. This is an amateur's mistake, and it almost always leads to problems. One: You can (and probably will) trap bits of old seal underneath it, and these will be smudged onto your focus screen. Two: this gives you a false sense of security, and this is not always a good thing. Work like a pro. Tilt the camera slightly as you work so the bits will fall out of the lens opening.



Important note: To the left, you will see a cutout on the bottom rail slot of the body. Stop the seal foam at the start of this cutout and resume it on the other side. Failing to do this will cause the film canister to catch the seal piece and pull it out when the roll is changed.

Guess what? You're finished, and your camera is back to "like new" condition and ready to enjoy again.

~~NOTES~~

These instructions were given to you as an accompaniment to a general seal kit, or for any of several reasons. You should be able to easily cut your own seal pieces from my seal material, using methods described in my general kit instructions. Your camera is a fine precision instrument, and the materials you are using have been carefully tested to be fully compatible with its design. You should **never** use inferior seal materials as a substitute.

About licking the adhesive first...when you do this, you temporarily de-activate the "stickiness." This allows you time to position the piece correctly, and it keeps it from sticking to your fingers or tweezers. After 15 to 20 minutes or so, you can return and press it down again.

Jon Goodman --- 2005