

CleaningDigitalCameras.com



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WARNINGS!

We would **STRONGLY** recommend staying away from the "Hurricane" brand of blowers as there has been numerous reports of this brand of blower spewing particles of rubber onto the sensor.

PRECAUTION: The #1 issue consumers are having with the "Brush Method" is the brush leaving smear marks on their sensor. This is caused by a contaminated brush and there are 3 main ways a brush becomes contaminated:

1. **By Canned Air.** I have yet to see any canned air that is contaminant free 100% of the time and this is why we (www.cleaningdigitalcameras.com) do NOT recommend any type or brand. Sure some have a lesser potential to spew contaminants than others. A hand blower like a Giotto's Rocket or better yet, a foot pump like a Sevylor have 1000 times less chance of contaminating your brush and they are much cheaper.
2. **By a Dirty Mirror Box.** Your mirror and shutter mechanisms have been oiled & greased as they do have moving parts. Sometimes this lubricant travels to places in the mirror chamber that can be accessed by the brush when trying to clean the sensor. To eliminate this, you need to clean the mirror chamber with a product similar to Visible Dust's [Chamber Clean](#). Cleaning the mirror chamber first before using a brush for the first time is mandatory on the Canon 1D, 1Ds, 1D Mark II and 1Ds Mark II cameras do to the type of paint Canon used in this area on these models.
3. **By Human Skin.** DO NOT touch the fibers of the brush with any part of your skin, no matter how recently you washed. There are natural oils on your skin and these show up as smears on your sensor. If you are reading this after the fact (you already touched the fibers of the brush against your skin) you need to wash the brush before using it on the sensor.

Do Not use just any brush to clean the sensor, make sure you buy one that has gone through some rigorous testing and is backed by a reputable firm. There are some people out there that will go down to the local five and dime and buy some brushes then try to sell them out of their garage/internet or on eBay for the purpose of cleaning sensors. They have nothing to lose when YOU screw up YOUR sensor with their inferior items.

Do Not use air compressors or canned air when cleaning optics. You might get lucky some of the time, but both will release unwanted moisture under certain circumstances. This is why we highly recommend the use of foot or hand powered blowers.

Follow the instruction for putting your camera into its **"CLEANING MODE"**. If you try using bulb or a long shutter speed to access the sensor, it is energized and generating static electricity which attracts dust. Attempting to clean the sensor without using the cleaning mode may result in the shutter closing on your cleaning utensil resulting in an expensive repair. There is also the possibility of damage by too much light if sensor is energized and exposed to direct bright light.

Do Not Cut the Pec*Pads as this will cause them to lose their lint free status as cutting will cause fraying. If you do attempt to cut one, make sure you fold the cut end in so that it is not exposed.

Only Kodak, Fuji and Leica, support the consumer in using the same method that they use in-house for cleaning the sensor. All the other manufacturers only support the non-physical contact use of a hand blower. If Canon, Nikon, Pentax or Sigma, can tell that you have touched the sensor, your warranty is void. On the other hand Photographic Solutions Inc., guarantees that you won't damage your camera if you use their SensorSwabs and Eclipse.

When wrapping your SensorWand or home made tool, **DO NOT** touch with your hand, the area of the Pec*Pad that will be coming in contact with the sensor. Body oils can be transferred to the sensor this way.



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