Galaxy S20 Camera Lens Replacement

Walkthrough for replacing cracked/shattered/damaged camera lens. This does not require opening the phone.

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INTRODUCTION

The broken camera lens is a common complaint on the S20 line. Luckily, it's a simple fix. DO NOT MAKE THE MISTAKE of trying to remove the lens under the silver lip. The lens rests inside the silver lip like a cup. Ensure you heat the area thoroughly with a blow dryer or heat gun. I used a blow dryer on medium heat and had very good results.

🔧 TOOLS:

- Heat Gun (1)
- Tweezers (1)
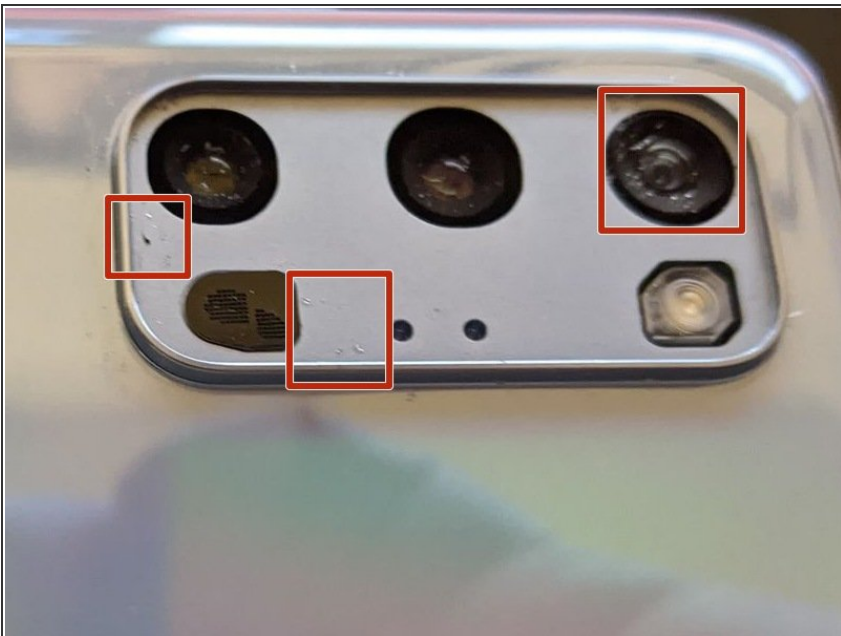- Precision Utility Knife (1)
- alcohol wipes (1)

⚙ PARTS:

- Galaxy S20 Rear Camera Lens Cover (1)
- s20 lens (1)

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Step 1 — Break your glass....

- So you broke your glass, step one complete. Note: The lens is held on with adhesive so we will need to heat the area. A blow dryer will work or a heat gun will get the job done. If you have a puncture you can use some tweezers to begin pulling up the glass there. Please NOTE, look at the next step photo to see where the lens resides.

Step 2 — Remove Glass

- Once you have removed all glass, ensure there is no adhesive left on the silver plate where your new adhesive will go. I used alcohol wipes and my tweezers to ensure the area was adhesive free. Also, ensure there is no glass inside the cameras themselves when cleaning. I used an alcohol wipe to ensure it was clear. Red boxes show leftover glass.

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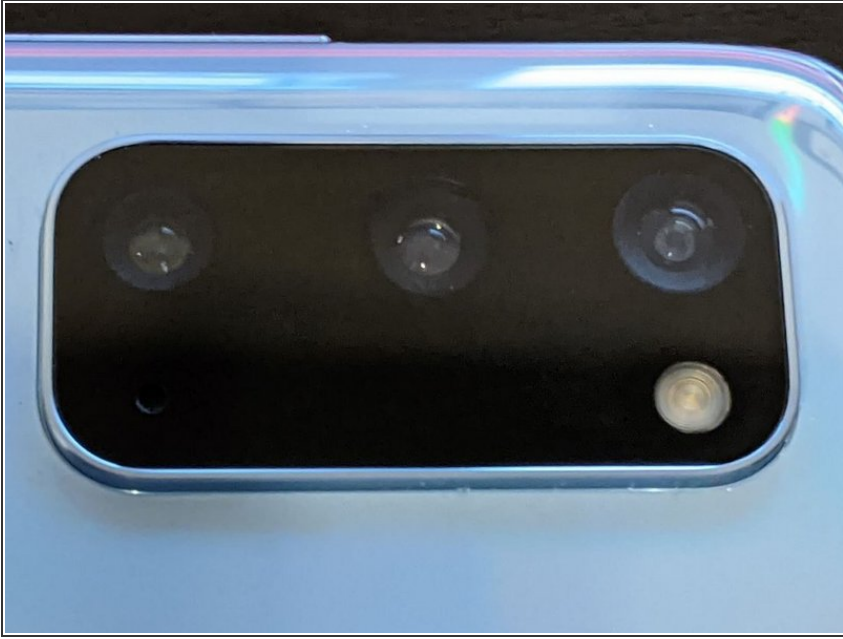
Step 3 — Test your camera

- It is wise at this point to power the device back on and test your camera to ensure it is clear of any debris before you apply adhesive and the new lens.

Step 4 — Apply adhesive

- Apply adhesive. There are multiple lens kits available from Amazon/Ebay. I purchased one on Amazon that came with the lens, tools, alcohol wipes, adhesive and was very impressed. As you can see the adhesive was a perfect cutout for the S20. You could use your preferred mobile repair tape if you didn't get a lens with adhesive cutout.

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Step 5 — Apply new lens

- Once you have the adhesive in place, it's time to apply the new lens. Luckily the silver "bowl" or "cup" the lens rests in helps line everything up for you. This was a very easy project and I would think most S20 phone owners with a little patience could do this repair easily.

I have listed a direct link to the lens I purchased. Please note the lens kit came with all tools needed other than the heat gun/blow dryer. If I have any issues with the lens I will remove the link to the product.

If you're still experiencing issues or failure with your S20 camera you might reference the S20 camera troubleshooting wiki.

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