

Step-by-step

Step-by-step guide to stone chip repairs

Made with our K4200i

Step 1



COBRAX^{PRO}

Mount the mirror on the inside of the glass, so the stone chip is visible in the reflection.

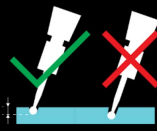
Step 2



COBRAX^{PRO}

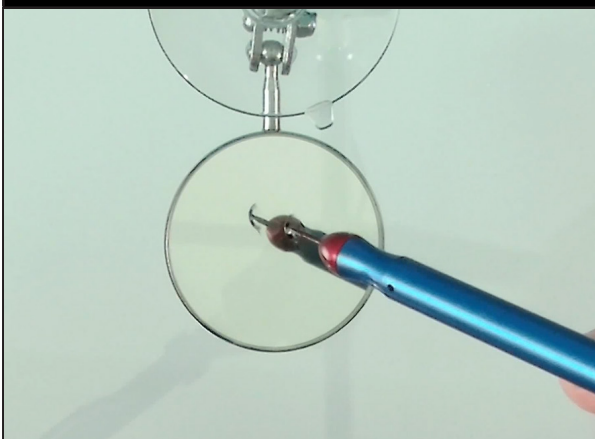
Use the drill and drill gently into the center of the stone chip to remove dirt. (45° angle)

This is done to remove any dirt in the stone chip while creating better adhesion for the pit filler. It also makes it easier to open up the stone chip.



Drill down until the ball on the drill bit is just below the surface (approx. 1,5 mm).

Step 3

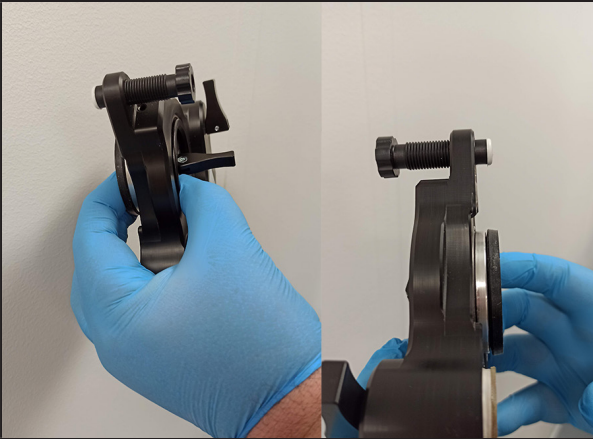


COBRAX^{PRO}

Use the slide hammer to open up the stone chip, allowing the liquid resin to access the full stone chip.

By opening up the stone chip it also becomes easier to remove any remaining water or moisture.

Step 4



COBRA X PRO

Before fitting the repair bridge, it is important to ensure that it is in the correct position. This is done by grabbing the rotating part of the bridge (suction cup) and rotating until you hear a click.

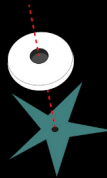
Aside from that, it is also important that the piston is pulled all the way back, so that the rubber lip is flush with the suction cup.

Step 5



COBRA X PRO

Fit the 3-in-1 repair bridge so the center of the vacuum piston is centered on top of the stone chip.



Step 6



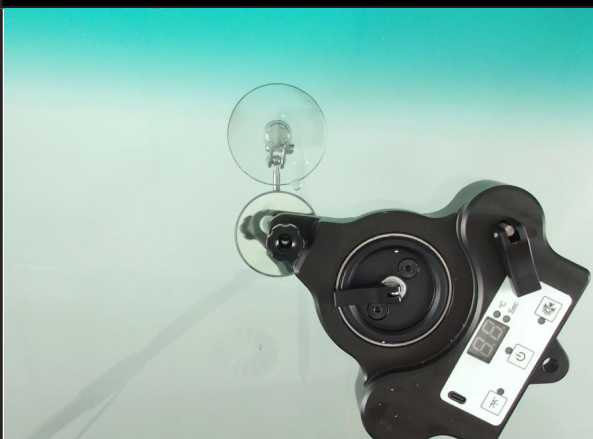
COBRA X PRO

Turn the 3-in-1 repair bridge towards the heating/cooling section. Turn on the system and activate the heating button to the right. Wait until the glass is heated to 60°C (heating is indicated by a red light) This will be followed by automatic cooling to 20-25°C. (cooling is indicated by a blue light)



You can monitor the temperature on the display.

Step 7

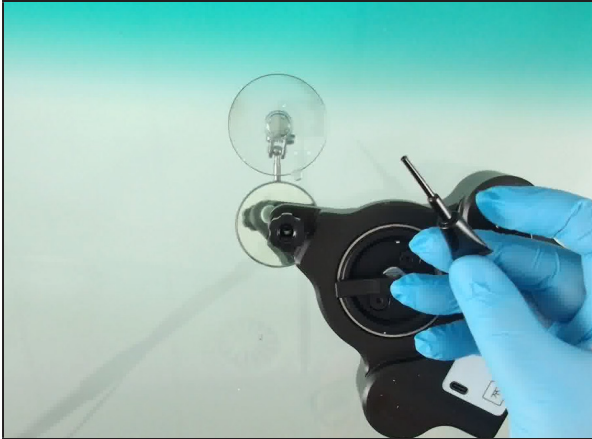


COBRA X PRO

Rotate the 3-in-1 repair bridge so the vacuum piston is centered over the stone chip.

Tighten the piston until the rubber lip touches firmly against the glass.

Step 8

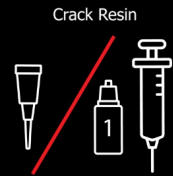


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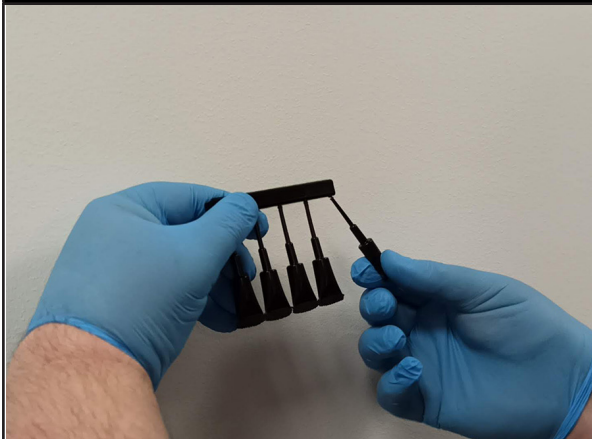
Take out the inner part of the vacuum piston completely, but make sure the main part of the piston remains unchanged and maintains firm contact with the glass.

Break off the pipette and fill the contents into the black part of the vacuum piston (press 5 times).

Or fill the syringe with 0.15ml resin and add the resin into the vacuum piston.



Step 9



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When using pipettes, it is important to turn the rack upside down before breaking off the pipette.

Step 10



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Connect the pump and the bridge with the red hose.

The straight end goes on the pump, and the bent end goes on the bridge.

Step 11



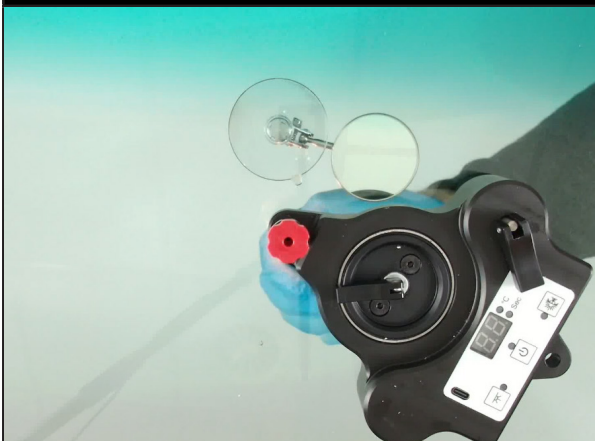
COBRA[®]X^{PRO}

Turn on the pump and start the automatic pressure/vacuum process by pressing the green button.

This process lasts 6 minutes.

This process can either be repeated or you can use pressure/vacuum separately by using one of the red buttons.

Step 12



COBRA X PRO

Remove the mirror and use the lighter to warm up the stone chip from the inside.

Make sure not to heat more than you are always able to touch the glass.

Reinstall the mirror afterward.



It is always possible to heat the repair while the pressure/vacuum process is in progress.

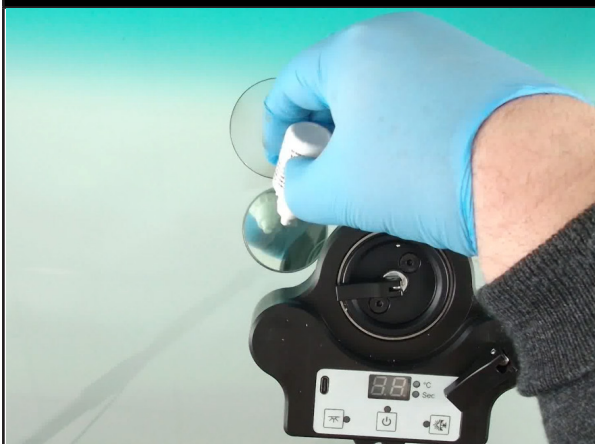
Step 13



COBRA X PRO

Remove the red hose.

Step 14



COBRA X PRO

Turn the repair bridge and wipe away any uncured resin with a clean piece of paper*

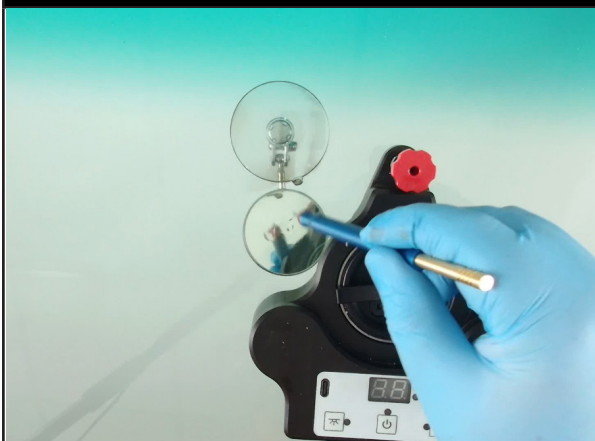
Apply the pit filler (bottle no. 2) to the stone chip.

**We recommend having the paper close to the vacuum piston as you are turning the bridge, as the release of pressure might cause the uncured resin to splatter.*

Pit Fill



Step 15

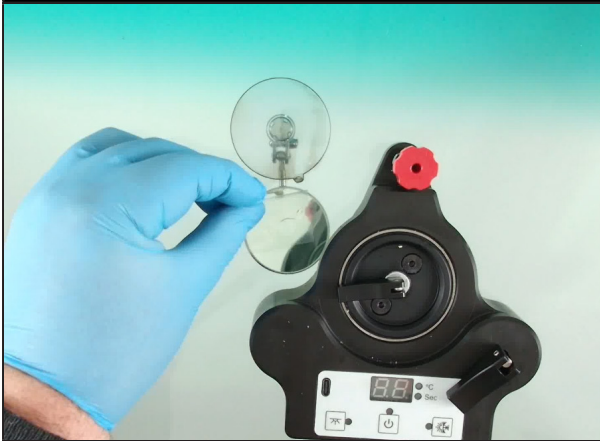


COBRA X PRO

Use the slide hammer to remove any air bubbles.*

**Gently run it across the repair.*

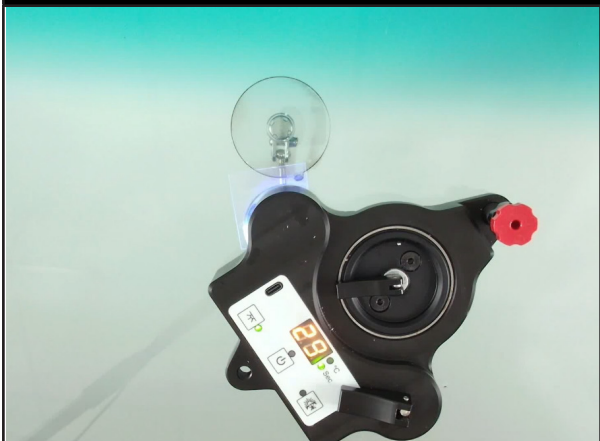
Step 16



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Apply the curing film on top of the pit filler liquid.

Step 17



COBRA X PRO

Rotate the 3-in-1 repair bridge to the UV-lamp.

Turn on the system and activate the UV-lamp using the left button.



The lamp cures the stone chip within 30 seconds.



Step 18

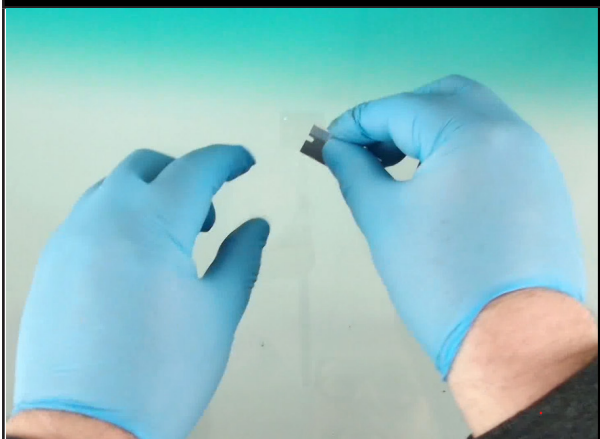


COBRA X PRO

Remove the 3-in-1 repair bridge, mirror and curing film.

Wipe away any uncured resin.

Step 19



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Use the razor blade with an angle of 90 degrees towards the glass and gently scrape off the cured liquid.

Step 20



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Polish



Apply the polish (bottle no. 3).

Step 21



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Polish



Polish the area with a clean, soft cloth, or a clean piece of paper*, to achieve the final result.

**No residue of wet resin.*

Enjoy your finished result!

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