

DIY WINDSHIELD CRACK REPAIR CHECKLIST

- Check DIY Kit inventory
- Ensure rotary tool is charged
- Read through the entire written instructions (not just this checklist)
- Watch video instructions
- Position vehicle so sunlight¹ can cure the resin without moving or disturbing the vehicle
- Determine how you will shade the repair (ideas: umbrella, cardboard)
- Install windshield repair collet and drill bit (removing tip cover) in rotary tool
- Put on safety glasses and place glass cleaner and paper towels nearby
- Make 1st drill hole 1/8" ahead of the tip of the crack (opposite end from the initial impact point of the damage) and create bullseye
- Make 2nd drill hole inside crack (1/ 2" from 1st drill hole) and create bullseye
- Put a liberal amount of grease on each suction cup of the injector base
- Place base on windshield per instructions and create a "grease path" beside the crack
- Install black piston O-ring and put it back in the injector
- Install red injector seal and put injector back in base until it just touches the windshield
- Put a dab of grease on the tip of the white adjusting bold
- Screw the adjusting bolt into the base until it just touches the windshield
- Screw injector and then adjusting bolt about 2 more turns
- Place your sunshade to shield the repair tool and entire crack from sunlight
- Put on gloves
- Take the piston out of the injector and add 6 drops of 20 resin
- Screw the piston back into the injector until the red injector seal starts to get fatter
- Screw the piston about 1 more turn
- Look at an extreme angle (chin on windshield) for resin to enter the crack²
- After resin goes from the 1st to 2nd bullseye and tool has been slid another 2" (along grease path) past 2nd bullseye, unscrew injector and let remaining 20 resin flow out
- Screw injector back down until just touching and then 1 more turn
- Remove piston and add 6 drops of CUS resin
- Screw the piston back into the injector until the red injector seal starts to get fatter
- Slide tool down the rest of the crack, watching resin fill and turning the piston clockwise to keep pressure on the resin until reaching the impact point
- Carefully remove your sunshade without disturbing vehicle
- Leave tool in place and step away, wait 10 minutes
- Use the safety razor to remove excess resin and grease
- Clean the windshield with glass cleaner and paper towels

¹ Alternatively, you can do the repair in a garage, but you will need an electric or battery powered UV lamp (not included in the DIY kit) to complete the repair

² See instructions for alternatives if you do not see resin injecting at this point, there are several things you can do