

THE RIGHT MOULD, **ALWAYS.**

aftermarket automotive

GLASS REPAIR TOOL

COST REDUCTION - FUNCTIONALITY OPTIMISATION

"Thanks to Allimex, our desire to replace an expensive component not only yielded a cost reduction, but also resulted in a more efficient assembly process and the improved implementation of our 'Advanced Repair Technology'."

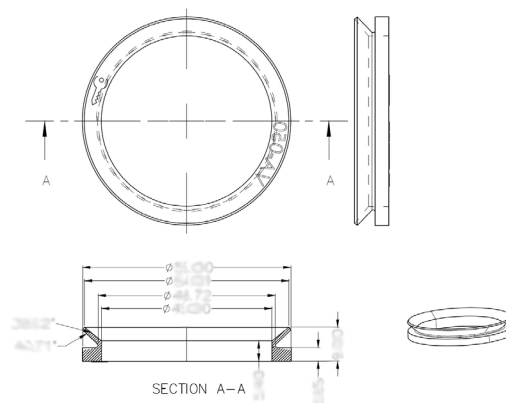


SOLUTION

Allimex performed a **sound analysis** of the existing design of the repair tool and found a solution to replace the separate component. Thanks to a **redesign**, this could be fully integrated as a fixed component. The valve that is placed on top of the damaged area of the windshield was adjusted to allow the repair fluid to be injected directly. This way, **the number of issues with the repair tool was significantly reduced.**

PROBLEM

- The client uses a special resin for repairing damaged glass. This resin is injected using a special injector nozzle (Advanced Repair Technology).
- This process suffered from a lot of **issues** with the nozzle used to inject the resin, as well as **high replacement costs.**
- The client needed a **cost-efficient solution** for this repair tool.
- A reverse-engineering approach was impossible due to it being a **patented component.**



RESULT?

A happy customer, and not just because of the reduction in the cost of replacement parts. The redesign also resulted in a more efficient assembly process.

- **No patent claim**
- **Development of a new, patented design**
- **Reduction of the assembly time for the repair tool**
- **Reduction of the repair time for glass damage**
- **Improved competitive position**

**Would you like to know how AIP can help you improve your performance?
Don't hesitate to contact us at info@allimex.eu!**

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