

Case Study:

A 'Material' Change in EV Motors

*New Vision was trusted by an **ELECTRIC VEHICLE** component manufacturer to help them eliminate failures*



Challenge

- ❑ Customer was experiencing field failures due to inaccurate components
- ❑ Component tolerance and material property deviations were the root cause
- ❑ The customer had a high rate of warranty issues and component replacements

Solution

- ❑ New Vision industries identified a solution to improve component quality by selecting a new material and adjusting the process enabling the customer to eliminate the product field failures and dramatically reduce warranty repairs
- ❑ New Vision worked with the customer engineering group to virtually eliminate premature component failures. The superior consistency and cylindricity of the final product produced by New Vision aided in superior customer assembly yield rates

Benefit

- ❑ New Vision's material change solution dramatically increased the customers quality acceptance rate and improved overall product lifespan
- ❑ Our customer realized significant long term program cost savings by reducing field replacements and costly warranty repairs

New Vision's well-rounded expertise and decades of experience is a valuable resource we are able to offer our customers. We add value by acting as an extension of your engineering team.