

Remanufacturing of Electric Motors



Location: 212 Boulevard Pelletier,
78955 Carrières-sous-
Poissy, France

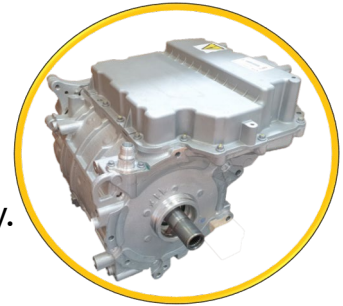
Web: www.emotors.com

Product

Electric Vehicle Motor

Challenges

- Lack of current remanufacturing process.
- Minimizing component damage during disassembly.
- Complex supply chains for remanufactured parts.



Remanufacturing Business Model

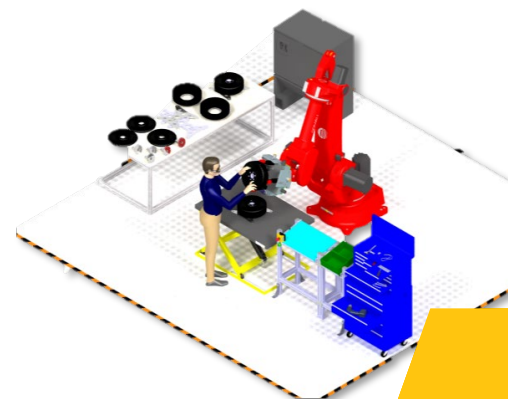
The electric motor remanufacturing business model offers a take-back program for end-of-life motors from automotive manufacturers. Advanced testing identifies reusable components, which can be remanufactured and reused at a lower cost and environmental impact, while providing valuable insight for designing motors with an extended lifespan.

RENEE Technology Advancements

- Implementation of a human-robot collaborative cell for assisted disassembly.
- AI tools for product diagnosis and identification of reusable components, reducing waste and environmental impact.

Impact

- Increase the number of remanufactured motors per year.
- Reduce waste and environmental impact of motor production.
- Improve the overall cost-effectiveness of the remanufacturing process.



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Funded by
the European Union

This project has received funding from the European Union's Horizon Europe Framework Programme under grant agreement n° 101138415.