



Car Parts Solutions GmbH



Sustainability Program 2025

We enable mobility today,  
tomorrow and in the future

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## Business Built on Care and Repair

Mobility is a constant need. People have always required—and will continue to require—ways to move. Even as driving habits shift and technology advances toward greener solutions, cars and other vehicles will remain integral to our lives. By investing in the future of mobility, we're committed to evolving our business and driving a more sustainable transformation within our industry.

**Our core principle is clear:** care and repair over buying new. As society evolves and technology progresses, our role is to anticipate and fulfill customer needs. Our ambition is straightforward: X10 will be the most trusted and comprehensive partner for everyone involved in driving, repairing, and maintaining vehicles. We're focused on achieving profitable growth and solidifying our position as industry leaders.

Our success and continued advancement are driven by our dedicated employees and our tailored, full-service solutions.



# Refurbished Headlights

## What we do?

Our headlight refurbishment process starts with a detailed assessment of the lens for damage, including cracks or cloudiness. Any faulty glass, electronic components, or housing are replaced with OEM original parts to restore functionality and durability. After reassembly, the headlight undergoes rigorous testing and quality control to ensure optimal performance. Finally, a specialized sealant is applied to maintain a watertight fit, ensuring long-term reliability.

- Assessment
- Glass Replacement.
- Electronic Component Replacement.
- Housing Replacement.
- High-Quality Replacement Lens.
- Testing and Quality Control.
- Sealant Application (Water and UV).

## Responsible Recycling and Sustainable Waste Management

Our headlight refurbishment process not only focuses on restoring key components but also ensures that any unusable parts are responsibly recycled. Severely damaged lenses, electronic components, and other non-repairable materials are sent to certified recycling facilities, contributing to a sustainable cycle. By refurbishing products with precision and care, we minimize the likelihood of returns, reducing both CO2 emissions and the environmental impact associated with second-time returns and back deliveries. This approach lowers the demand for new raw materials and reinforces our commitment to a circular economy, making each refurbished headlight a step towards protecting the environment.

## Benefits of Our Refurbishment Process

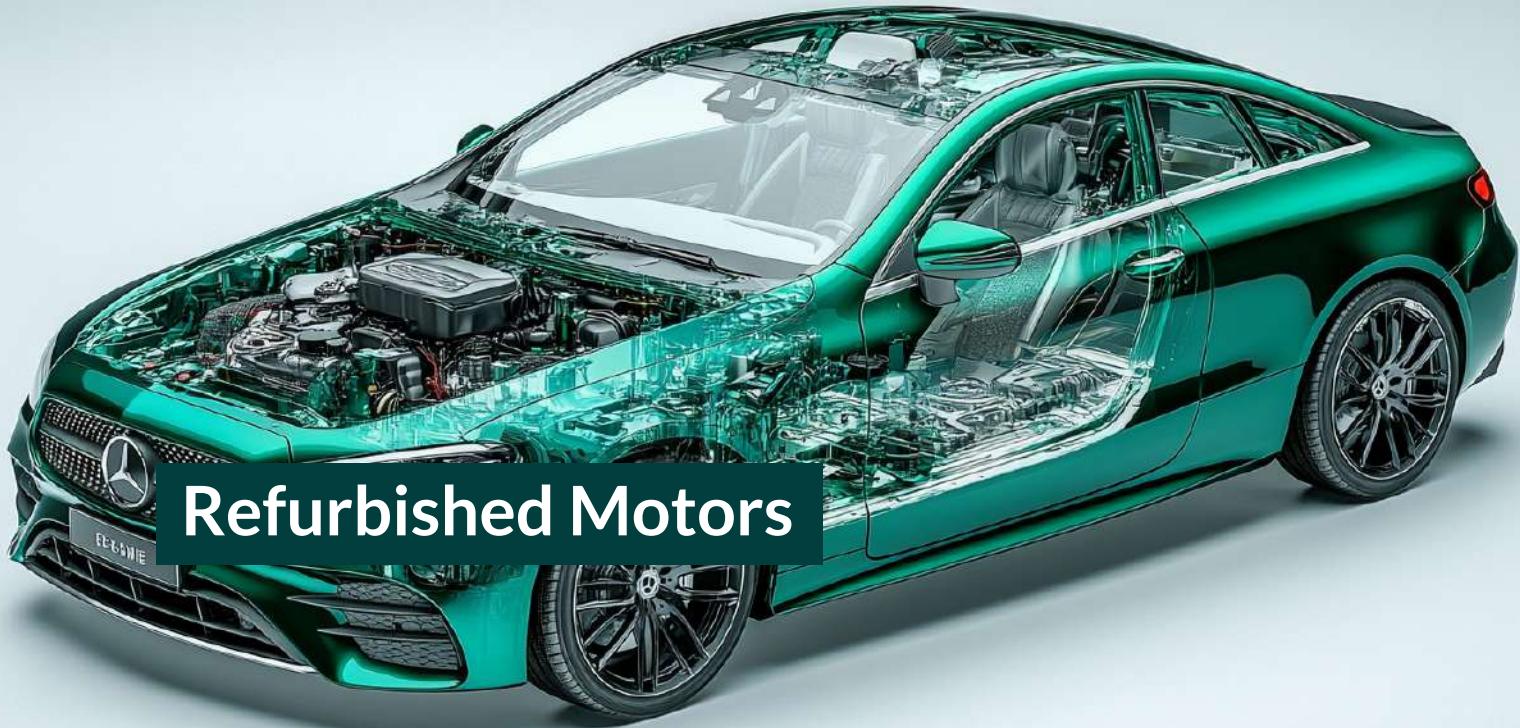
Our headlight refurbishment process offers a sustainable, cost-effective solution that extends the product life of headlights without compromising on OEM original quality. By replacing critical components such as lenses, housings, and electronics with high-quality parts, we restore headlights to like-new condition while significantly reducing CO2 emissions and raw material consumption.

- OEM Original Quality
- Extended Product Life
- Cost Efficiency
- Environmental Impact
- Rigorous Testing

## Sustainable Exchange Model

We offer a straightforward exchange: customers receive a high-quality refurbished headlight in return for their old one. If the old headlight is reusable, we provide a discount to the customer. When refurbishment isn't feasible, we recycle the product at no additional cost, carefully reusing any intact components. This approach sets us apart from the typical buy-use-dispose model, as we extend each product's lifecycle through guaranteed quality, actively supporting sustainability and the circular economy in the automotive industry.





## Refurbished Motors

### Motor Journey

Our motor refurbishment process begins with acquiring used and damaged motors, including long, short, complete and half-complete types. We evaluate and sort these motors based on specific issues, directing them to specialized departments for detailed attention.

- Comprehensive Inspections Steps:
- Disassembly Motor Block
- Cylinder Head
- Crankshaft and Piston
- Connecting Rod and Camshaft
- Auxiliary Units

### Cylinder Head

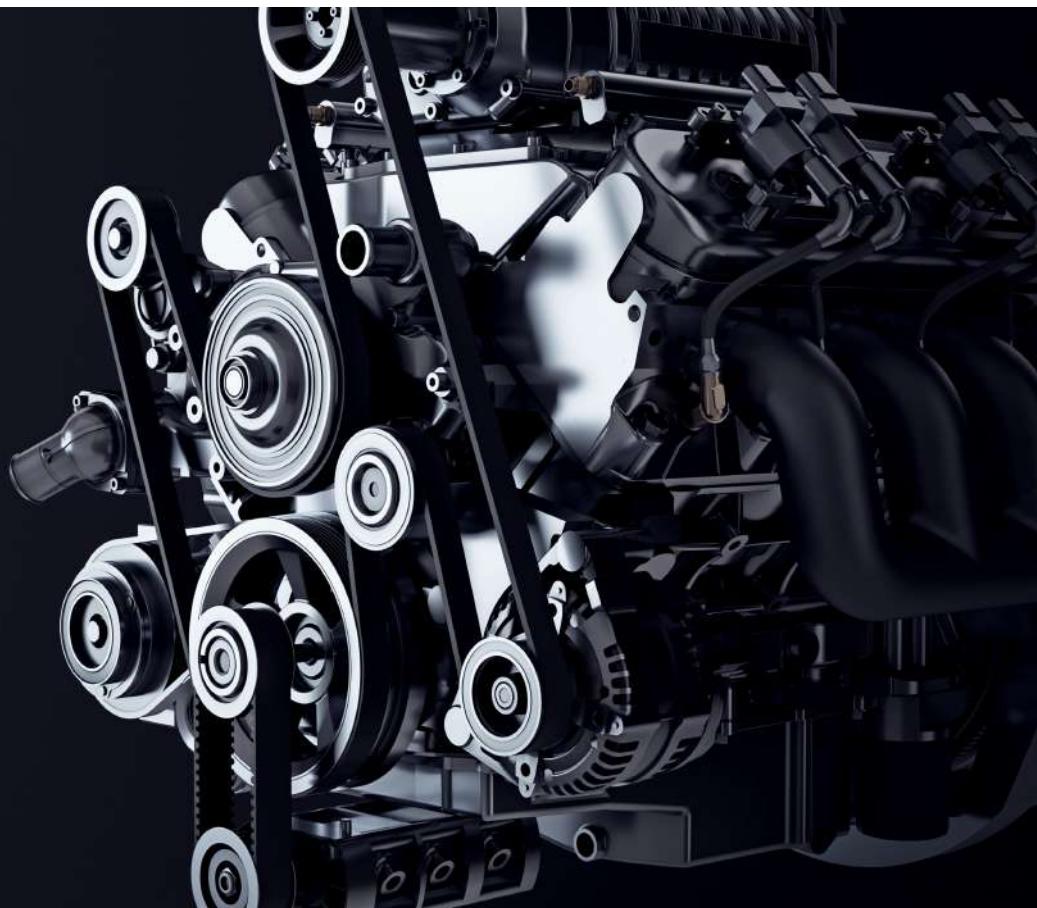
The cylinder head is subjected to a thorough inspection for damage and warping, which are critical for its role in sealing the combustion chamber. By ensuring that the cylinder head meets stringent quality standards, we guarantee optimal engine performance and efficiency, ultimately enhancing the motor's reliability.

## Motor Block

Each motor block undergoes a meticulous examination to identify cracks, wear, and overall integrity. Our skilled technicians assess its condition, ensuring that any necessary repairs are performed to restore functionality. This process includes replacing damaged or worn components with OEM original parts, ensuring the highest quality and compatibility with the motor's design. Additionally, we utilize advanced diagnostic tools to detect potential weaknesses, allowing us to address issues proactively. By ensuring the motor block is in optimal condition, we enhance overall engine reliability and extend its operational lifespan.

## Crankshaft and Piston

Our specialists conduct a comprehensive evaluation of the crankshaft and piston to identify any signs of wear or damage. This critical assessment ensures that both components meet established performance standards, contributing to the overall efficiency and reliability of the motor after refurbishment. Whenever necessary, we replace components with OEM original crankshafts and pistons, guaranteeing precision and durability. During the inspection, we examine the crankshaft for alignment and balance, which are essential for minimizing vibrations and ensuring smooth operation. The pistons are checked for proper ring seating and compression capabilities, both vital for effective combustion and power generation. By focusing on these aspects and utilizing OEM original parts, we ensure that the refurbished motor delivers reliable performance, efficiency, and longevity.





## Refurbished Parts

### Our Extensive Inventory

We take pride in maintaining an extensive inventory of over 600,000 body parts, including original OEM used parts, sourced from various vehicle models. This vast selection allows us to cater to a wide range of customer needs, ensuring that we can provide the right component for almost any automotive repair or refurbishment project. By having such a diverse array of OEM original parts readily available, we streamline the refurbishment process, minimizing wait times and enhancing customer satisfaction. This ensures that each part we refurbish retains the highest quality and performance standards, aligned with the vehicle's original specifications.

### Customer-Centric Optimization

We prioritize customer satisfaction by optimizing our products according to individual preferences and requirements. Our flexible refurbishment process allows us to accommodate specific requests, ensuring that each part meets the unique needs of our clients. Whether it's a particular finish, color match, or functional enhancement, we work closely with our customers to deliver high-quality refurbished body parts that exceed their expectations.

### Our Detailed process for customers

Our commitment to reliability and sustainability drives our efforts to maintain rigorous quality control, ensuring that each part meets OEM standards and performs as expected. By focusing on minimizing returns, we contribute to a more sustainable supply chain, aligning our services with environmental best practices.

## Receiving Parts

Upon arrival, parts undergo a visual inspection for damage (cracks, dents, rust). A structural check ensures critical components are intact. Damaged parts are documented with photos and sorted for refurbishment, salvage, or recycling.

## Refurbishment and Quality Control

Parts are refurbished according to OEM standards, restoring functionality and performance. A thorough quality control process includes function testing, surface finish checks, and compatibility verification.

## In-House Painting Services

**In-House Painting Services** To further enhance the quality of our refurbished body parts, we have our own in-house painters who specialize in custom finishes. This enables us to provide tailored painting services that match specific color codes requested by our customers. By controlling the painting process, we ensure that every refurbished part not only meets our high standards but also fits seamlessly with the customer's vehicle aesthetics.



## Handcrafted Excellence

Handcrafted Excellence Approximately 90% of our refurbishment process relies on skilled handwork, showcasing our commitment to craftsmanship and quality. Our technicians carefully inspect and repair each component, ensuring that every detail is addressed. This level of attention to detail sets our refurbished parts apart, as we believe that quality should never be compromised in the pursuit of sustainability.

## Skilled Repairs for Renewed Life

Building on our thorough process, skilled repairs are essential to restoring parts to their optimal condition. After receiving and inspecting the parts, our expert technicians meticulously refurbish them, replacing damaged components and ensuring they meet OEM standards. With 90% of the process relying on handcraft, each part is carefully restored for reliable performance and longevity. This attention to detail, combined with our in-house painting and quality control, ensures that every refurbished part not only functions like new but also contributes to sustainability by extending the life of automotive components.



## Our Impact

These efforts lead to significant **cost savings of 30-50%** for our customers, while supporting the growth of the **global automotive parts remanufacturing market**, which is expanding at **7.1% CAGR**. By embracing a circular economy, we are reducing waste, extending product life, and promoting sustainability.

Additionally, we refurbish **5,000+ other parts** (alternators, gearboxes, bumpers), contributing to:

- **120,000 kg CO2 reduction**
- **65% raw material savings**
- **3,000 headlights & 1,800 motors refurbished annually**
- **CO2 emissions reduced by 36,000 kg (headlights) & 60,000 kg (motors)**
- **Raw material use reduced by 70-85%**



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