



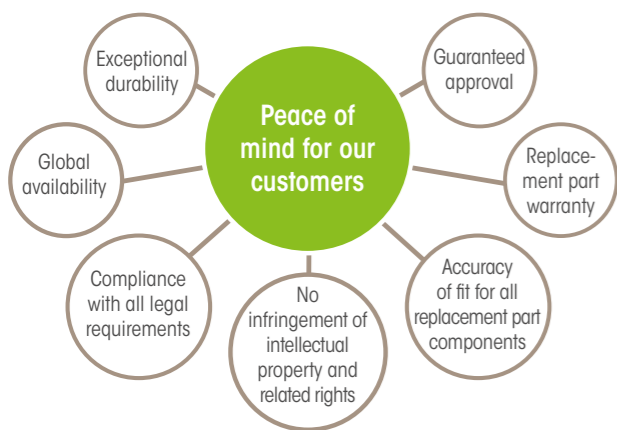
Company Headquarters
MEKRA Lang GmbH & Co. KG
 Buchheimer Str. 4
 91465 Ergersheim, Germany
www.mekra.de

All our products are manufactured in strict accordance with relevant global legal regulations. We produce our global vision systems in close proximity to where they are needed, which means short transportation and shipping distances and a sustainable contribution to the environment.

Our comprehensive replacement part portfolio as well as our extensive global network of distribution partners ensure fast repair turn-around-times and reasonable prices. That is why using MEKRA Lang mirror systems will save you time and money.

Our products are certified original parts. When you receive them, they either carry the OE or the MEKRA Lang logo. Whether provided by our distributors' networks or our independent aftermarket partners, our aftermarket products are manufactured according to the same specifications and standards, ensuring global availability.

With MEKRA Lang products, you are always on the safe side.



Go with the Original



Go with the Original

Original parts by MEKRA Lang vs. counterfeit parts

Last Update: March 2019 | Contents subject to change

About us

Years of experience in the field of mirror production have made MEKRA Lang one of the worldwide leading manufacturers of mirror systems for commercial vehicles and of camera monitor systems specifically designed for automotive applications. Thanks to our indirect vision expertise and our focus on innovation, we have become the trusted partner of virtually all leading commercial vehicle manufacturers, contributing significantly to the improvement of traffic safety.

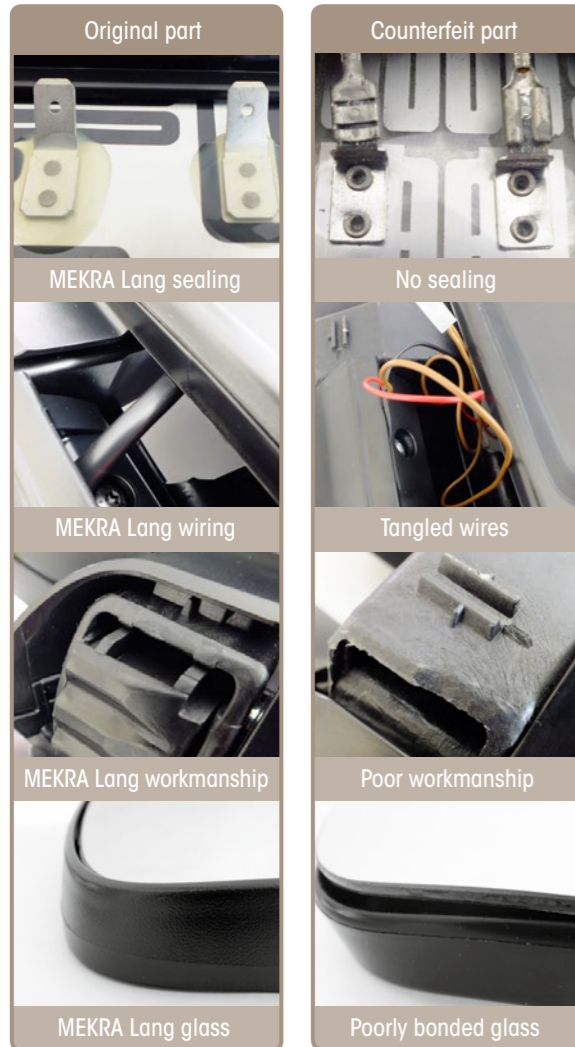
From developing to manufacturing vision solutions, MEKRA Lang provides the full spectrum of capabilities in-house. This enables us to ensure that in every phase of production the highest quality standards are upheld.

Mirror production:



Obvious defects

Counterfeit parts almost always differ from original parts in terms of technical features and/or quality.



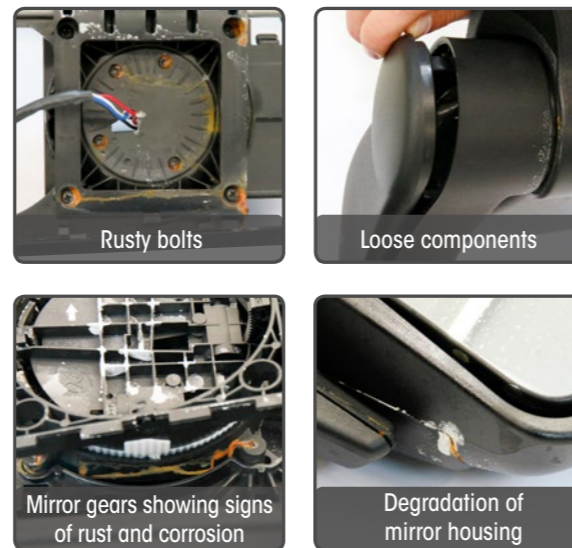
Defects detected by testing

Before a custom product is approved for series production, the individual components are subjected to numerous tests and optimization cycles. All of the products we manufacture have to pass our stringent quality inspections and thus meet our high quality expectations.

Testing procedures we conduct in-house include:

- Salt spray test
- Shaker test/ vibration test
- 3D scanning for gap width inspection

The differences between original and counterfeit parts are not always readily recognizable. The following images show competing products with significant defects which were detected after performing the above-mentioned tests:

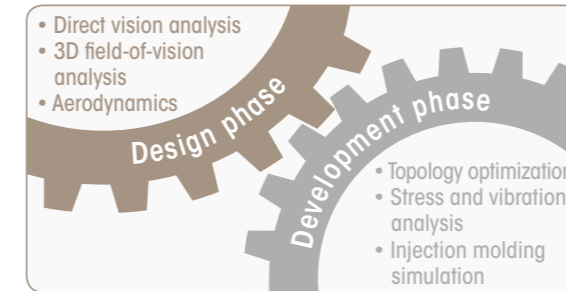


The test results greatly deviate from MEKRA Lang standards and would clearly be disqualifiers for our own mirrors. Using products with such quality deficiencies on the road and in freight traffic could result in significant safety risks.

A singular commitment to quality

Optimized product development

Right from the start, our focus is on ensuring the highest degree of quality. To develop an optimized product, we make use of a broad spectrum of development and analysis tools.



Production

Our manufacturing operations cover all materials and production stages: from glass production to tool making for our plastics engineering department, and from metalworking to assembly including electronics and final functional testing of our vision systems before delivery to the customer. Upon order entry, we manufacture semi-finished products and accessories, including tubes, mirrors, and plastic parts, using fully or partially automated processes with state-of-the-art standardization and automation. Relying on cutting-edge computer controlled production equipment (some of it proprietary), including injection molding machines, vacuum-based coating or laser cutting equipment, 5-axis, 3 axis- and HSC milling machines, we ensure the highest degree of accuracy, quality, and dependability.

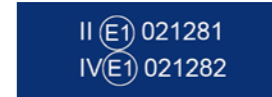
Two-part ECE and TÜV testing

The ECE test is obligatory for all member states and consists of two parts:

- I. Test of general mirror requirements (e.g. pendulum impact test)
- II. Test of functional requirements when mounted to the vehicle

Only original mirrors by MEKRA Lang will undergo additional tests by the vehicle manufacturer (part II of the test) in connection with the vehicle (field-of-vision test); third-party mirrors will never be inspected for these criteria by the vehicle manufacturer.

Additionally, MEKRA Lang products are TÜV-tested exclusively in Germany and documented by the German Federal Motor Transport Authority (Kraftfahrtbundesamt).



Third-party products on the other hand, are usually tested and documented exclusively by non-German institutes and authorities.

Commitment to environmental protection

We rely on innovative technologies, processes, and products to ensure long-term customer satisfaction. Reducing our consumption of natural resources and contributing to their conservation is of utmost importance to us. This is why we are deeply committed to optimizing and streamlining our use of raw materials in production, and to recycling plastics by re-granulation while reducing production-related waste. In addition to our efficient use of resources, we place great importance on energy efficiency by using renewable energy sources and implementing innovative technologies for heat recovery.



The following certificates confirm our exceptional commitment and capabilities:

- Quality management system according to DIN EN ISO 9001 and IATF 16949
- Environmental management system according to DIN EN ISO 14001
- Voluntary membership in "Umweltpakt Bayern" (Bavarian Environmental Pact)