Elring – Das Original
Elring service takes you further

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As an automotive supplier, ElringKlinger has become a trusted partner to its customers – with a firm commitment to shaping the future of mobility. Be it optimized combustion engines, high-performance hybrids, or environmentally-friendly battery and fuel cell technology, ElringKlinger provides innovative solutions for all types of drive systems. ElringKlinger’s lightweighting concepts help to reduce the overall weight of vehicles. As a result, vehicles powered by combustion engines consume less fuel and emit less CO2, while those equipped with alternative propulsion systems benefit from an extended range. In response to increasingly complex combustion engine technology, the Group also continues to make refinements with regard to gaskets in order to meet the highest possible standards. This is complemented by solutions centered around thermal and acoustic shielding technology. Additionally, the Group’s portfolio includes products made of the high-performance plastic PTFE which are also marketed to industries beyond the automotive sector. These efforts are supported by a dedicated workforce of more than 10,000 employees at 45 ElringKlinger Group locations around the globe.

The Elring aftermarket brand offers an all-embracing package: original equipment quality, functional reliability, and premium, end-to-end service. This includes, for example, sales and technical training, service information, exploded-view drawings for trucks and vans, monthly newsletters focusing on engine sealing solutions, an online sealing compound wizard, professional installation videos, the Elring Academy, the new training truck, and much more besides.

Original Elring products are acknowledged among dealers, mechanics, and customers around the globe. These products include cylinder-head and sealing systems, oil seals and valve stem seals, sealing compounds, and threadlockers as well as cylinder-head bolt and complete gasket sets – for full- and partial servicing.
1. A byword for engineering excellence in gasket technology for more than 140 years
2. OE expertise from ElringKlinger AG – series supplier and technology leader for the global automotive industry
3. Elring spare parts in original equipment quality
4. Extensive product range
5. Gasket sets tailored to the requirements of engine repair
6. Market-focused range of spare parts for cars and commercial vehicles
7. High-performance universal sealing compounds: Dirko™, Curil, and AFD as well as threadlockers
8. Product data and additional information in online catalog, on TecDoc, and ACES & PIES
9. Installation videos available online
10. Free technical service hotline: +49 7123 724-799
ElringKlinger can look back on over 140 years of company history. Over time, a lot has happened: Our product portfolio expanded, new locations were established and other companies were taken over. Take a look at our history.

1879
Paul Lechler sets up a trading company for technical articles in Stuttgart (later to become Elring GmbH).

1924
The first Lechler cylinder-head gaskets are produced.

2000
Merger of ElringKlinger GmbH with the parent company ZWL Grundbesitz- und Beteiligungs-AG, change of name to ElringKlinger AG and quotation on SDAX.

1885
Richard Klinger sets up a design workshop in Vienna.

1994
Merger of Elring GmbH with the Automotive sector of Richard Klinger GmbH to form ElringKlinger GmbH.

2011
ElringKlinger AG has closed the transaction relating to the acquisition of the Static Flat Gaskets business from Freudenberg Group, Weinheim, Germany.
At home around the globe – with cutting-edge technologies

As an international automotive supplier, we have established a presence wherever our customers choose to base their operations. We manufacture innovative products at 45 sites worldwide – solutions tailored to all relevant drive systems. Operating with an extensive distribution network that spans the globe, we are also able to offer customers a broad range of premium-quality spare parts. In fact, our aftermarket products for professional repairs and servicing are available in more than 140 countries – to ensure that vehicles keep moving.
Safety first: original Elring products

Elring provides everything you need from a single source. When it comes to professional repairs, you can always rely on original gaskets, gasket sets, and service parts from Elring – your trusted aftermarket partner with a pedigree of excellence in original equipment manufacturing.
Suitable for:

ALFA ROMEO | AUDI | BENTLEY | BMW | BUICK | CADILLAC | CHERY | CHEVROLET

CHRYSLER | CITROËN | DACIA | DAEDONG | DAEWOO | DAF | DAIHATSU

DETON DIESEL | DEUTZ | DODGE | DS | FAW AUDI | FAW VOLKSWAGEN | FIAT

FORD | FREIGHTLINER | GEELY | GMC | HINO | HOLDEN | HONDA | HYUNDAI

IHC | ISUZU | IVECO | JAGUAR | JEEP | JENBACHER | KIA | LADA | LANCIA

LAND ROVER | LDV | LIEBHERR | MAN | MAZDA | MERCEDES-BENZ | MINI

MITSUBISHI | MTU | MWM | NEW HOLLAND | NISSAN | OLDSMOBILE | OPEL

PEUGEOT | PONTIAC | PORSCHE | RENAULT | ROLLS-ROYCE | ROVER | RVI

SAAB | SATURN | SCANIA | SEAT | SKODA | SMART | SSANGYONG | SUBARU

SUZUKI | SVW SKODA | SVW VOLKSWAGEN | TOYOTA | VAUXHALL

VOLKSWAGEN | VOLVO | WIESMANN
Metaloflex™ by ElringKlinger is acknowledged around the globe as a brand that epitomizes innovation in metal layer cylinder-head gaskets made of beaded, elastomer-coated spring steel layers for diesel engines and high-performance gasoline engines with direct injection.

Metal-elastomer cylinder-head gaskets consist of metal carriers with vulcanized elastomer profiles and have been specially engineered for high-performance engines – with turbocharging and intercooling – used in the commercial vehicle sector.

ElringKlinger metal/soft-material cylinder-head gaskets consist of a serrated carrier plate with a soft lining rolled onto both sides – for the overhaul and repair of used engines.
Hands-on experience for superior sealing

Flexible sealing systems for all applications.
Elring can supply the right gaskets (Metaloseal™, elastomer, soft material) for a variety of sealing applications in engines, gearboxes, exhaust systems and auxiliaries: gaskets for sumps, intake and exhaust manifolds, water pumps, compressors, turbochargers, gearboxes and axles. Both materials and design are optimally matched to the relevant application and the specific requirements.

Gasket sets – complete and ready to hand.
For professional repairs and maintenance, all components have to fit perfectly, be precisely matched, and readily available. For full and partial overhauls of engines, gearboxes, and other assemblies, Elring offers a comprehensive range for car and truck engines. Elring supplies gasket sets tailored to the respective engine repair job, e.g., full sets (S), cylinder-head sets (ES), conversion sets (CS), water pump sets (WPS), transmission sets (GSM). This saves time and effort when it comes to ordering, warehousing, and installation.
Key benefits of Elring transmission sets.
Benefit from our new range of gaskets and gasket sets for the professional repair of automatic transmissions as well as full technical support via our free service hotline.
Cylinder-head bolt sets – for 100% reliability

Supplied in tested quality for the majority of cars and commercial vehicles. Assorted for specific engine repair jobs and supplied in special packaging with thread protection.

Next-generation engines come with improved sealing concepts that have been adapted to the specific engine designs. In order to ensure an extended service life of such units, it is imperative that the original condition of the engine in question is reproduced when carrying out repairs to the cylinder head. In this context, the cylinder-head bolts are of prime importance. Cylinder-head bolts are key components within the overall system when it comes to generating the requisite force to be applied to the cylinder-head gasket for sealing purposes. They ensure that the necessary compression forces are suitably distributed across the cylinder-head gasket irrespective of the state of operation. This can only be achieved with a new cylinder-head gasket in combination with new cylinder-head bolts.
Maintaining a tight seal – whatever happens

Sealing compounds.
You can see it’s all about quality.
Wherever components have to be reliably sealed, Elring offers an extensive range of solutions that have proven effective in practice millions of times. These high-performance sealing compounds have been tried and tested in professional and DIY use.

Threadlocker.
Safety first – for every bolt.
Securing bolts and threaded assemblies to prevent loosening is an essential component of today’s health and safety requirements in the field of engineering. Elring threadlockers EL 2012 B and EL 2012 G are the perfect choice – for professional and effortless handling.

Online sealing compound wizard:
finding your product in 3 simple steps
Assortments.
Practical and reliable.
Various types and sizes of sealing rings and valve stem seals are available in our handy assortments for specific applications. Everything needed for maintenance and repair work is immediately to hand.

Complete turbocharger fitting kits.
Thanks to Elring’s high-end turbocharger fitting kits and step-by-step installation guides, you can look forward to achieving professional repairs reliably and safely in no time at all.

Elring offers rotary shaft seals.
Oil and valve stem seals (some with sensor) in various designs, materials, and dimensions. Manufactured to certified quality standards, they are designed for use in engines, transmission systems, and axles.
Best-in-class service, exceptional expertise, and superior safety

Our end-to-end service really makes the difference. This includes our online Elring Academy training portal, service information, exploded-view drawings, monthly newsletter with a focus on engine sealing technology, innovative installation videos, our Elring training truck, and much more besides.
Our exploded-view drawings show the individual parts of larger assemblies – for greater transparency and more efficient handling. They are always up to date.
Elring label

Nothing could be simpler! All relevant information relating to our products can be accessed quickly and effectively by means of a smartphone scan. Simply scan the QR code of the product in question to receive useful links, e.g., to the relevant installation video or technical/sales service information documents. Thanks to the Elring label, all product information is just a scan away.

Elring nanogram

Fake spare parts can cause serious damage to engines. Installing counterfeit or replica parts poses a considerable safety risk. As a protection against fakes, all Elring branded products include a special Elring nanogram. This makes Elring gaskets and seals the safest possible option for engine functionality and performance. The Elring nanogram can be found on all full sets (S), cylinder-head sets (ES), conversion sets (CS), and cylinder-head gasket sets (ZKD).
The Elring training truck is a new element of our overall service concept. It is used primarily by Elring trainers for instruction purposes. The truck and our service team travel to customer venues or trade shows. A show engine has been installed on the truck bed for training and instruction purposes.
Storage systems – for well organised, secure warehousing.

Ideal storage conditions for gaskets, gasket sets and accessories are provided by Elring storage systems which:

- Ensure tidy, professional storage
- Protect the gaskets
- Keep everything clearly arranged
- Guarantee good organisation
The Elring Academy boasts an extensive library with a wealth of information that can be accessed 24/7. You will receive an exclusive range of training material including specially developed animations and videos. Once you have familiarized yourself with all the latest sealing technology, you can test your knowledge by taking part in an exam. Answer a specific number of questions correctly and you will receive your very own certificate.

**Five steps to becoming a Certified Expert**

1. Register at www.academy.elring.de
2. Discover the extensive Elring range – 24/7 and around the globe
3. Test your own expertise and complete various exams
4. Receive a personal certificate and take the opportunity to highlight your skills as a Certified Expert
5. Further details at www.akademie.elring.de/en/exams/
More service and more know-how for best-in-class performance. To achieve this, we offer our customers around the globe a virtual training program without the need to be physically present in a classroom. Our technical webinars take place live, which means that participants can engage in dialogue via audio conference and text chat.

Simply register at service@elring.com. Details of times and dates are provided in regular newsletters, via our website, and on our Facebook page. Further information about the webinars will then be available from us directly prior to the event.

**Virtual Classroom:**

Module 1 – Cylinder-head gaskets (CHG) fundamentals → technology of today’s CHGs/specialty gaskets
Module 2 – CHG technologies in aluminum engines/stopper design
Module 3 – CHG in truck engines → solutions for large engines
Module 4 – Radial shaft seals (RSS) → from elastomer ring to high-tech integrated radial shaft seal as a PTFE module
Module 5 – RSS with integrated sensor wheel
Module 6 – Sealing compounds → state-of-the-art solutions for fluid sealing
Module 7 – Secondary gaskets → for housings and covers
Module 8 – Introduction to the Elring Academy
Module 9 – Training catalog

**Installation videos**

To assist our retail and workshop associates we can offer practical installation videos. For more details, please subscribe to our YouTube channel.