

AUTOMOTIVE AFTERMARKET



# The better connection guaranteed





# There's no substitute for quality. Choose the Original Equipment Manufacturer.

Professionals know that original vehicle parts make the difference, whether in terms of precision fit or greater reliability in use. With the innovative joining solutions from NORMA Group, garages profit from original equipment quality, which is used in 90% of all European cars. As a global market and technology leader in engineered joining technology and OE supplier to the automotive industry, we know what matters: superior quality in every detail.

Quality is based on experience and the perfect interaction of all individual components. At NORMA Group, we firmly believe that quality knows no compromise, because every component is mission critical.

Our highly qualified team of more than 150 development and process engineers is regularly involved right from the initial stages in the development of new vehicle models and engine generations. Prototypes and standard products are tested in our own certified, state-of-the-art test laboratories, in conformity with all relevant regulatory standards.

In almost 70 years NORMA Group has won the confidence of over 10,000 customers in 100 countries. Dare to compare and see for yourself in which fields NORMA Group can support your business.

## Technology that connects

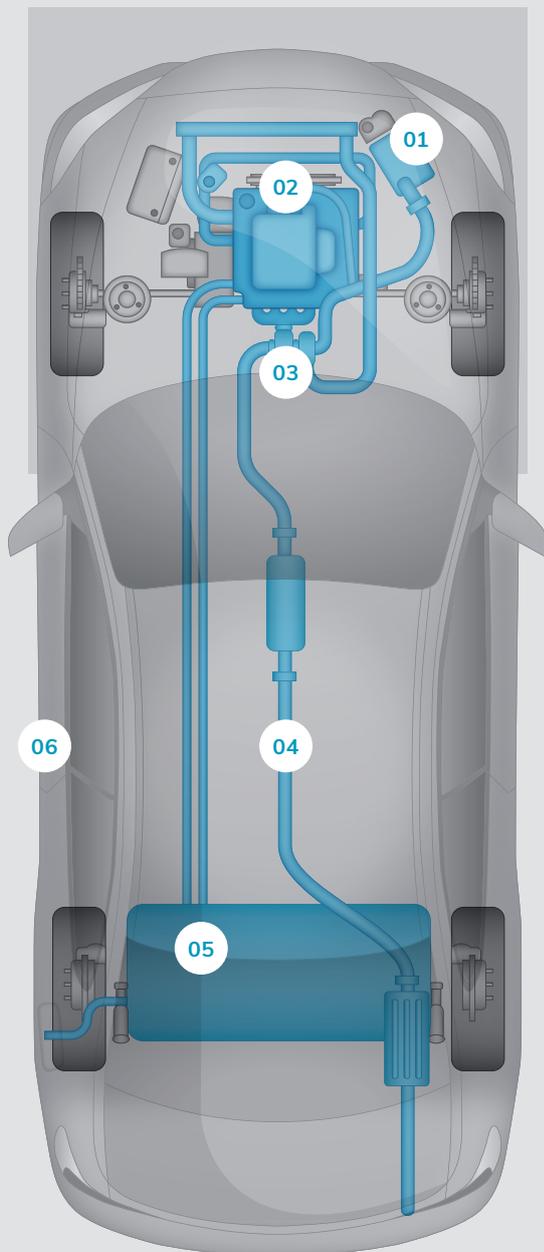
**NORMA**<sup>®</sup>'s TORRO<sup>®</sup> is known as the golden standard of worm drive hose clamps within many industries – that's why you find it in nearly every garage. We produce on average six million TORRO<sup>®</sup> clamps in Germany every week. But the brand provides much more than clamps: Customers worldwide can count on the excellent performance and extraordinary longevity of our couplings, connectors and fluid lines.



**ABA** is the flagship brand of the NORMA Group, with an impressive history of more than 120 years of know-how. Following the belief that quality saves lives, their high-class steel clamps, clips, ties and tools from Sweden connect pipes, process and hydraulic lines all over the world. With its iconic blue housing as a distinguishing feature, ABA clamps stand for quality, reliability and safety.



# 100% quality for virtually every vehicle application



## **01. Air Intake & Induction**

When it comes to air intake and induction, we offer lightweight connectors that minimise potential leakage and are easy to install – even under challenging circumstances, such as a narrow engine compartment.



## **02. Cooling Systems**

To ensure complete tightness at great temperature ranges, our products have to be thermally flexible. For example, TORRO® WF offers an automatic re-tensioning effect even if temperatures fluctuate intensively.



## **03. Turbocharger Installations**

With increasing engine performance, temperatures rise. Our V-band clamps can be used for gas temperatures of up to 1,000 °C – and they still keep the system leakage-free during extreme temperature fluctuations.



## **04. Exhaust Systems**

Reducing pollutants in the exhaust system and complying with emission values is more important than ever. That's why we are constantly working on finding greener solutions.



## **05. Fuel & Oil Systems**

Fuel and oil pipes need to be leakproof – for the sake of the environment and for better efficiency. Our connectors are made of resistant material to supply fuel to the engine cleanly and to keep pollution to a minimum.



## **06. Fixing & Retaining**

Pipes, hoses or cables – no matter what you want to fix or retain: NORMA Group products provide a damage-free solution, offering you the highest quality and material durability.

# From fuel line clips to turbocharger clamps

Hose Clamps

**TORRO®** 

The perfect all-rounder according to DIN 3017. Fits the complete range of diameters and various applications.  
**Assortment available.**




**TORRO® WF** 

With integrated spring for long-term sealing over a wide temperature range.  
**Assortment available.**




**Constant Torque Standard** 

Belleville spring ensures sealing over a wide temperature range.




**Original** 

Premium quality with ultra-strong one-piece housing for high clamping torque.  
**Assortment available.**




**FBS** 

Springband clamp according to DIN 3021 that is easy to install and suitable for sealing over a wide temperature range.  
**Assortment available.**




**COBRA** 

One-piece hose clamp that is quick and simple to install even in tight spaces.  
**Assortment available.**




**Mini** 

Small bolted clamp for thin wall hoses.  
**Assortment available.**




**CC** 

Charged air clamp with high clamping force for high pressure and extreme temperature changes.




**S/SP** 

Single and 2-bolt robust clamp according to DIN 3016, 3017 with high clamping force.




**GBS** 

Heavy-duty bolted clamp with mechanically locked closure.




**CV Boot Clamp** 

Universal clamp applicable for several diameters. Gives flexibility to mount different sizes of rubber boot.

**NEW**




V-Band Clamps

**QRC** 

Profile clamp with quick release for rapid assembly and disassembly.




**VPP** 

Profile clamp designed for extreme gas temperatures over 1,000 °C.





# More than 27,000 vehicle parts for all connecting needs

Exhaust Clamps & Couplings	<p><b>AccuSeal</b> </p> <p>Best choice on the market due to high clamp load, low space requirements and best leakage sealing for slip joint design.</p>  	<p><b>SEC</b> </p> <p>Pipe angle adjustable, low weight and best sealing performance without need of gasket.</p>  	<p><b>EasySeal</b> </p> <p>Fast, easy and accurate installation. Perfect for service repairs.</p>  	<p><b>ARS</b> </p> <p>Very low weight and good sealing performance, with easy single-bolt locking assembly.</p>  	<p><b>EuroCoupler</b> </p> <p>Low weight coupler with top sealing performance. Easy repair solution for butt joint pipes without need of slots.</p>  
	<p><b>Hose Connector</b> </p> <p>Secure, reliable, low-weight connection of hoses and plastic tubes carrying media of any kind. <b>Assortment available.</b></p>  	<p><b>PS3</b> </p> <p>Top sealing performance and robust design according to VDA standard. Biggest range on the market. Designed for cooling water lines.</p>  	<p><b>V2</b> </p> <p>Quick assembly and compact design. Connects tubes and hoses with plastic and metal spigots. Designed for air supply lines.</p>  	<p><b>S</b> </p> <p>High safety performance, designed according to SAE standard. Designed for fuel supply lines.</p>  	<p><b>Single-Lock</b> </p> <p>Easy and secure assembly and disassembly with Single-Lock feature according to SAE standard. Transports fuel and AdBlue*.</p>  
	<p><b>RSGU</b> </p> <p>Fixes pipes, hoses, tubes, cables and harnesses securely. Easy installation and proven quality.</p>  	<p><b>Low Profile Cable Tie</b> </p> <p>Lowest profile on the market that is strong and safe due to superior material quality.</p>  			
	<p><b>FBS Assortment</b> </p> <p>Assortment contains 75 springband hose clamps in 10 different sizes for multiple hose-spigot applications.</p>  	<p><b>Fuel Line Repair Kit</b> </p> <p>One-stop solution kit with 50 parts to repair up to 8 defective fuel lines in 5 minutes.</p>  			

\*AdBlue® is a registered trademark of the German Association of the Automotive Industry (VDA).

# Rely on best OE quality available at leading distributors

Using our products means using “the original”, because we are the Original Equipment Manufacturer for the majority of automotive manufacturers. Regardless of whether it is a car or a truck, you will find different

tailor-made solutions. Garages benefit from a local stock of our original quality vehicle parts at their preferred distributors for a fast response at any time. Ask your distributor – they can advise you.

## Benefits for garages

- ✓ **Excellent parts availability:** Our products are listed at all leading distributors for fast delivery and can easily be found in their programs.
- ✓ **Broad product portfolio:** With over 27,000 products we offer a solution for almost every connection or joining repair in the majority of car models.
- ✓ **Leading OE quality:** Every product of our aftermarket portfolio meets the strict quality standards of the automotive industry.
- ✓ **Good cost to value ratio:** Reliable spare parts at a fair price ensure long-lasting repairs and satisfied customers.
- ✓ **Smart handling:** All our products are not only designed for excellent performance, but also for ease of installation. Additionally, we offer kits for specific repair jobs to save you time and effort.

**NORMA**

Watch the video:

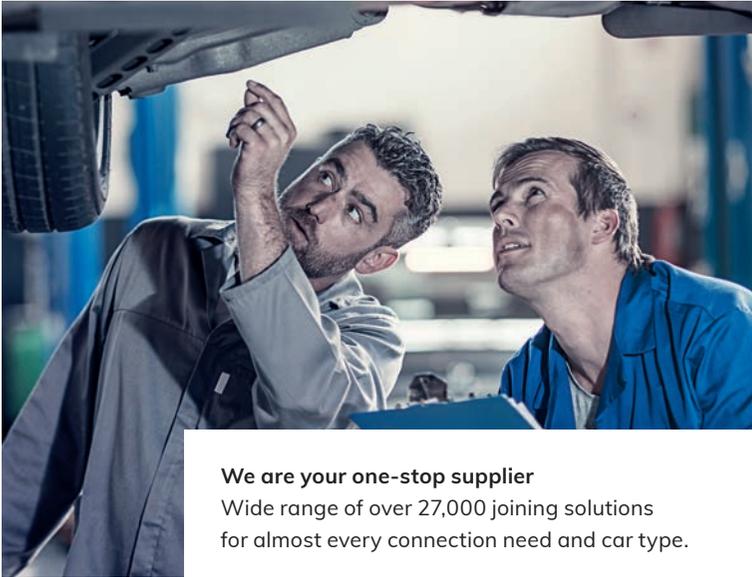


### Our mission: To make your daily work easier!

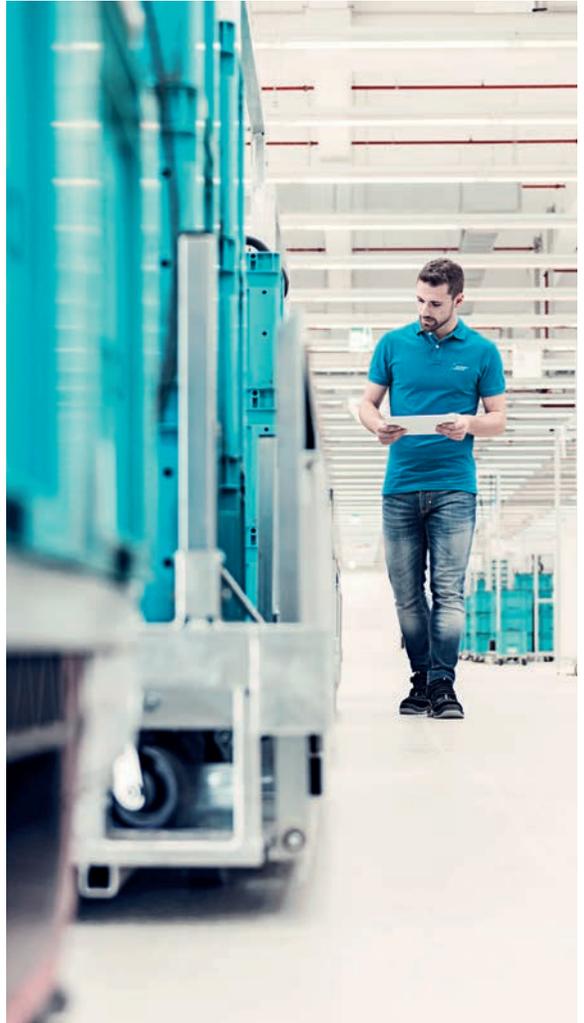
At NORMA Group we always strive to make repairs a breeze. One example of this is our smart repair kits, such as the new **NORMA® Fuel Line Repair Kit**.

This kit allows you to repair a damaged fuel line easily in under 5 minutes using OE quality replacement parts. And the best thing is that you can make the repair on the spot without replacing the whole fuel line.

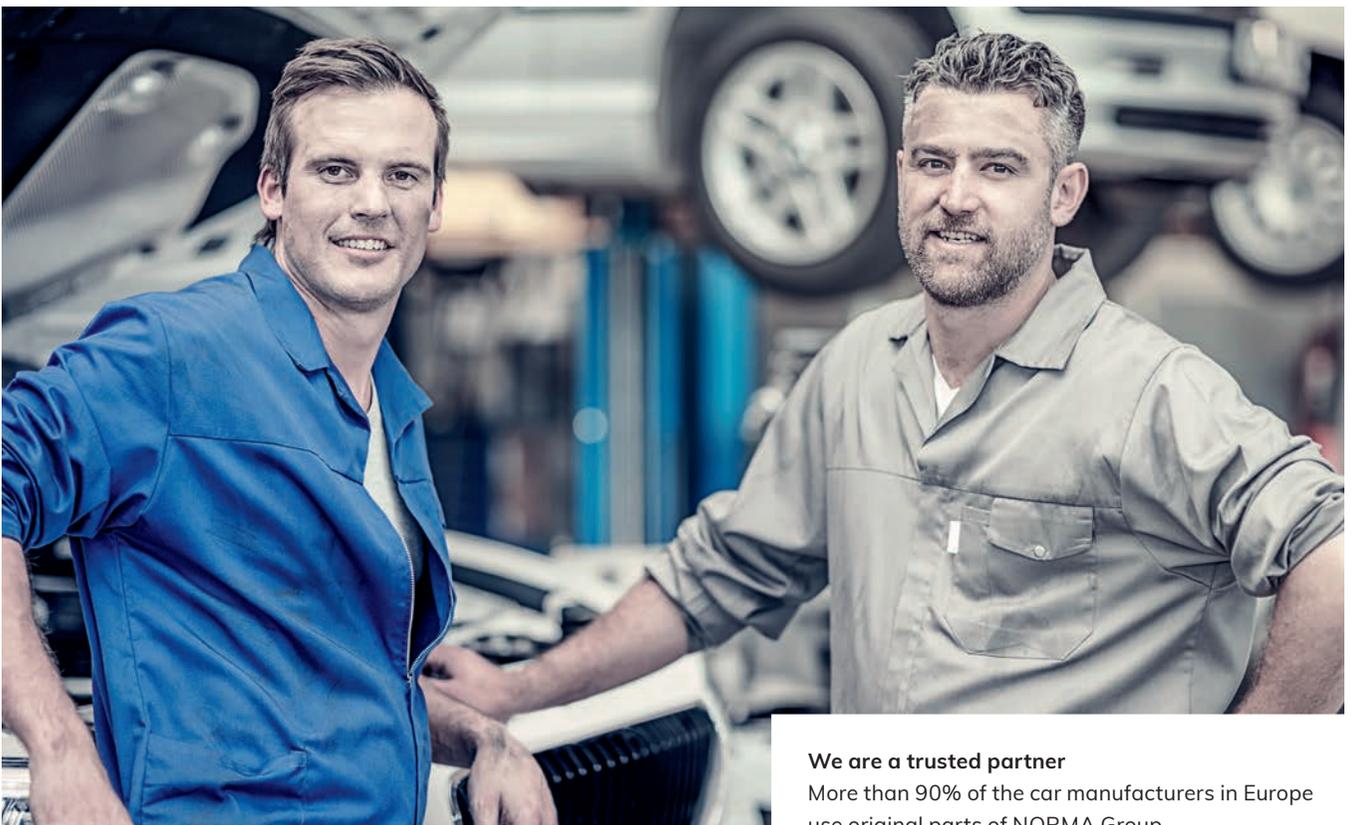




**We are your one-stop supplier**  
Wide range of over 27,000 joining solutions  
for almost every connection need and car type.



**We can handle it**  
1.8 million shipments are made by NORMA Group  
each year to various countries around the globe.



**We are a trusted partner**  
More than 90% of the car manufacturers in Europe  
use original parts of NORMA Group.

# Profit from easy, flexible ordering locally and throughout Europe

NORMA Group is the strong partner for distributors to provide garages with reliable spare parts of outstanding quality. All our products are available worldwide, while our local customer service teams support you right where you are, ensuring easy communication and

quick response times. In addition, our experienced and competent team is always at your side. As a customer at NORMA Group you have a dedicated contact person to quickly answer your questions or give advice on specific topics.

## Benefits for distributors

- ✓ **Broad portfolio:** We offer one of the broadest portfolios of joining solutions, enabling you to reduce the number of your suppliers.
- ✓ **OE supplier:** Our reliable and consistent quality parts minimise, if not eliminate, complaints and returns from your customers.
- ✓ **Certified TecDoc Data Supplier:** Every product can easily be found in TecDoc and its product information conveniently be integrated into your systems.
- ✓ **Professional order management:** You can order from our order management teams using traditional means or via an optional EDI interface for fast and easy ordering.
- ✓ **Flexible distribution centres:** On request, our logistics teams can support you with customised labelling or packaging based on your branding.
- ✓ **Experienced instructors & staff:** Your dedicated NORMA Group expert team consults you on all connecting and joining topics. Additionally, our instructors support your teams with tailor-made training offers.



## Reliable, fast and flexible shipments

NORMA Group operates 34 distribution centres worldwide, ensuring that all our products reach every region in the shortest possible time. Our high volume parts ship within 48 hours, and you can choose between general cargo, collection or parcel service. You can also request to assign a QR code or to brand your delivery before it leaves our depot.



# The better connection guaranteed

**Innovative, original-quality joining solutions** – With more than 27,000 vehicle parts, NORMA Group provides garages with an unparalleled range of joining technology supplied by leading distributors. As an OE supplier to the automotive industry, we know what matters – be it charge air intakes, cooling systems, fuel and oil systems, exhaust systems, turbo charger connections or universal fixings. Superior quality in every detail. No compromise.

**Discover more: [norma-aftermarket.com](https://norma-aftermarket.com)**

NORMA Group is a global market and technology leader in engineered joining technology, offering more than 40,000 product solutions for diverse applications (automotive, shipbuilding, aviation, infrastructure, etc.). As a listed company, NORMA Group has its headquarters in Maintal near Frankfurt/Main, with 9,100 employees serving customers in over 100 countries. In 2018, the company generated sales of more than EUR 1 billion.