



ABTEX

Braking | Bearings | Steering | Suspension

BRAKE PADS

UNECE R90:02 Approved Friction Material

All Abtex Plus brake pads comply with UNECE R90:02 regulations. This quality standard covers both performance and dimensional integrity, ensuring the pads are comparable to the OE.

Premium Shims for Noise Reduction

Abtex Plus brake pads have the added benefit of anti-noise accessories, in addition to meeting all performance parameters required to achieve R90 approval.



BRAKE DISCS

Abtex brake discs are manufactured using the latest technology and are designed to match the OE version in terms of dimensions and performance.

Where required, Abtex brake discs comply with UNECE R90:02 regulations. The extensive range of testing to receive R90 status ensures the best performance along with value.



CALIPERS

Abtex brake calipers are 100% new units. This means there is no need to handle and process old core units which can reduce profitability.

Manufactured to IATF 16949:2016, the primary focus of this is the development of a quality management system that promotes continual improvement, with a particular emphasis on defect prevention.



BRAKE SHOES

All Abtex brake shoes comply with UNECE R90:02 regulations. These shoes have a curved steel surface, one side of which is lined with an abrasive material which creates the friction needed to bring the vehicle to a stop.



BRAKE HOSES

Abtex brake hoses are tested to SAEJ1401 requirements, burst tests, and volumetric expansion tests.

All assemblies are pressure tested at 3,000-3,600psi and approved to both ISO9001:2015 and ISO1400:2015. Testing is carried out from raw materials through to final product and are made in the UK.



WEAR LEADS

Abtex brake wear indicators are a safety feature to warn the driver if a brake pad is due for replacement or has reached its minimum thickness limit (typically 2mm).



WHEEL CYLINDERS

Abtex wheel cylinders are approved to: ISO9001:2015; ISO14001:2015; ISO45001:2018 and IATF16949:2016.

The units are low pressure tested to ensure seal quality. Dust caps and seals are manufactured from age-resistant material, while housings and pistons are anodized to provide corrosion and wear resistant surfaces. All units are made in the EU.



SUSPENSION ARMS

Suspension arms are a critical part of any steering and suspension system. They allow the wheels to move up and down, while preventing forward and rearward movements and help to maintain directional input from the driver.

Abtex suspension arms are designed to OE standards, ensuring their performance in all conditions.



SUSPENSION BUSHES

Bushes are designed to reduce noise and vibration and many modern vehicles include many variations of these components.

Given that they are subject to high dynamic stresses during operation, Abtex bushes are made from only the highest quality materials, providing optimum strength, flexibility and noise reduction on any application.



STABILISER LINKS

Stabiliser links connect between the anti-roll bar and the vehicle suspension. They reduce body roll during cornering and absorb shocks encountered from uneven road surfaces. Fitting strong and durable stabiliser links is important to ensure a smooth, controlled ride.

Abtex stabiliser links are either steel, aluminium or reinforced plastic, as specified by the OE part.



BALL JOINTS

Ball joints are safety critical parts that act as a pivot between a vehicle's wheels and suspension arms, allowing the vehicle to be steered while ensuring a comfortable ride. Ball joints are under constant strain and are subject to significant stress and wear. It is imperative to fit replacement ball joints which can withstand this stress.

Abtex ball joints are designed, engineered and tested to match OE standards.



TIE ROD ENDS

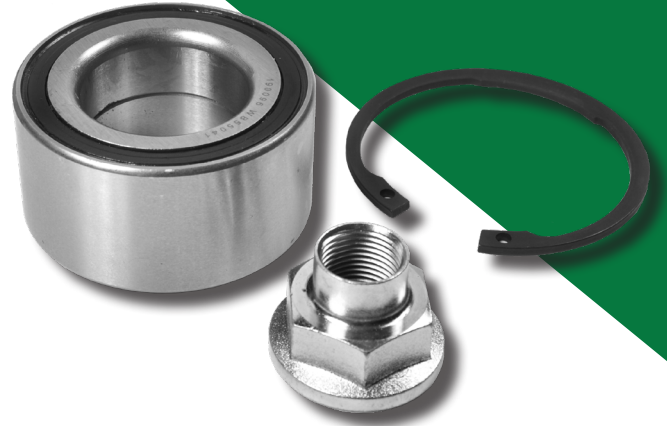
Tie rod ends, also known as track rod ends, connect the tie/track rod on one end to the steering gear mechanism on the other end.

Abtex steering components are high-quality, offering strong connections that ensure a durable repair.



WHEEL BEARINGS

A wheel bearing is a crucial part of the wheel assembly that connects the wheel to the axle. Comprised of a set of steel ball bearings or tapers held together by a metal ring, it enables the wheel to rotate smoothly with minimum friction. Wheel bearings are safety critical components designed to sustain radial and axial loads caused by gravitation, acceleration, braking, and cornering forces.



WHEEL HUB BEARINGS

More recently, vehicle manufacturers are producing wheel bearings that are fully integrated into the wheel hub. Where the OE part is designed in this way, the Abtex part will follow suit.

The growing number of hub bearings in the Abtex range makes replacing bearings much more efficient and they typically include fixing bolts as standard.

Some hub bearings are included in the brake disc. Again, where this is the case with an OE part, the Abtex brake disc will also include this bearing.



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