



TRUST IN US

MANUFACTURING SINCE 1929.

STEERING & SUSPENSION | TECHNICAL OVERVIEW



Steering & Suspension

90 Years of OE Manufacturing Excellence.



Induction Hardened

Tested beyond
OE Levels

Industry Leading
CN 584LO Grease

Accessories
Included

Cataphoretic Coating

Quality Management

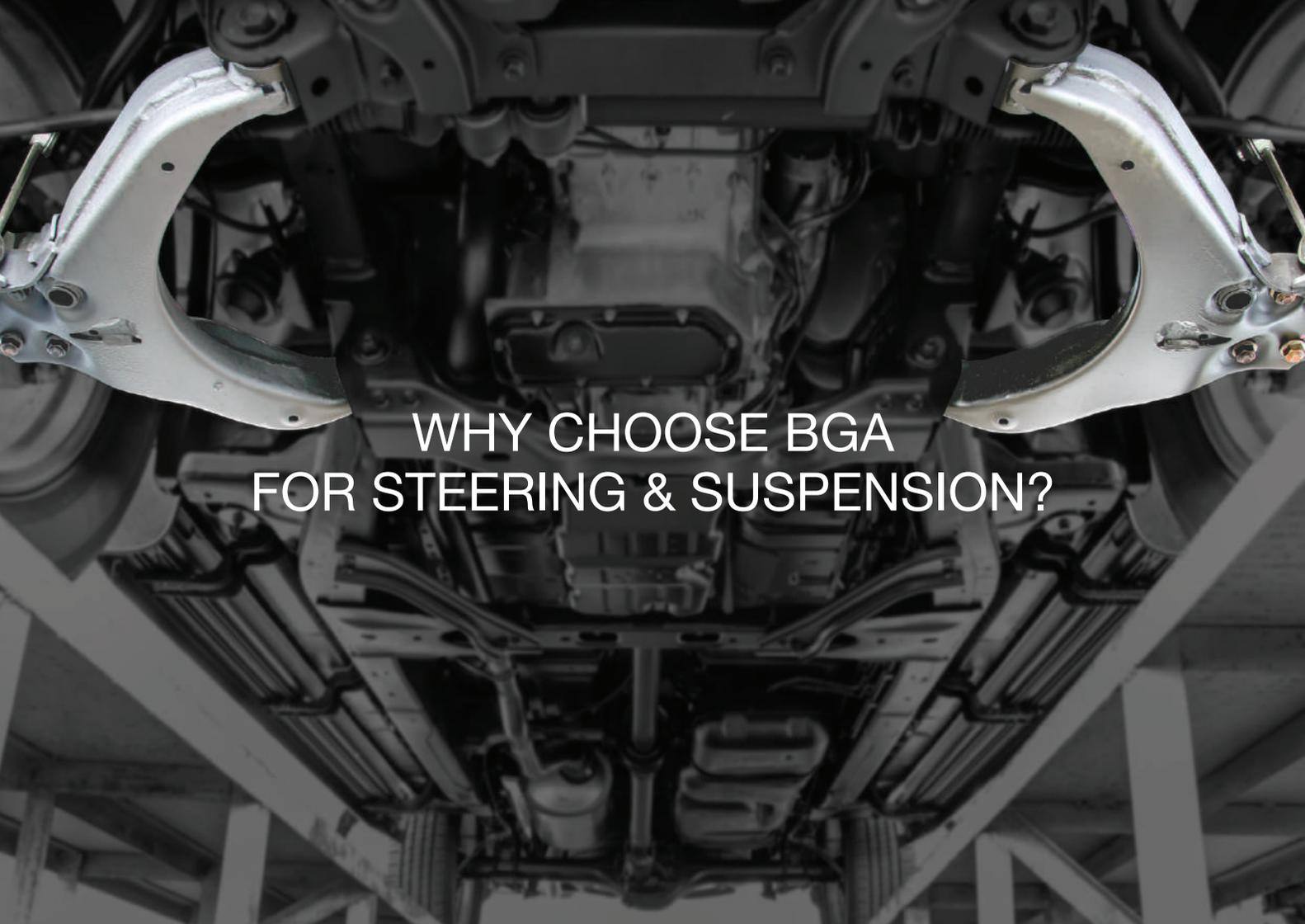
Adhering to strict ISO TS16949, ISO9001-2, ISO 14001 quality standards, we have a range of specialised equipment for in house measuring and testing.

Part of 4BG Group

BG Automotive are the aftermarket division of the British Gaskets Group; a leading original equipment Gasket and Engine Component manufacturer formed in 1929.

Today the parent 4BG Group is one of the largest privately owned manufacturers in its sector – a remarkable achievement for a company that started as British Gaskets back in 1929 in the east of London.





WHY CHOOSE BGA FOR STEERING & SUSPENSION?



Premium OE Matching Quality

Our goal is to bring garages an aftermarket alternative to match and beat that of original equipment.



4,500 Lines stocked available next day

Thousands of different lines are stocked in our 100,000m² warehouse in the heart of Wiltshire for next day delivery in the UK.

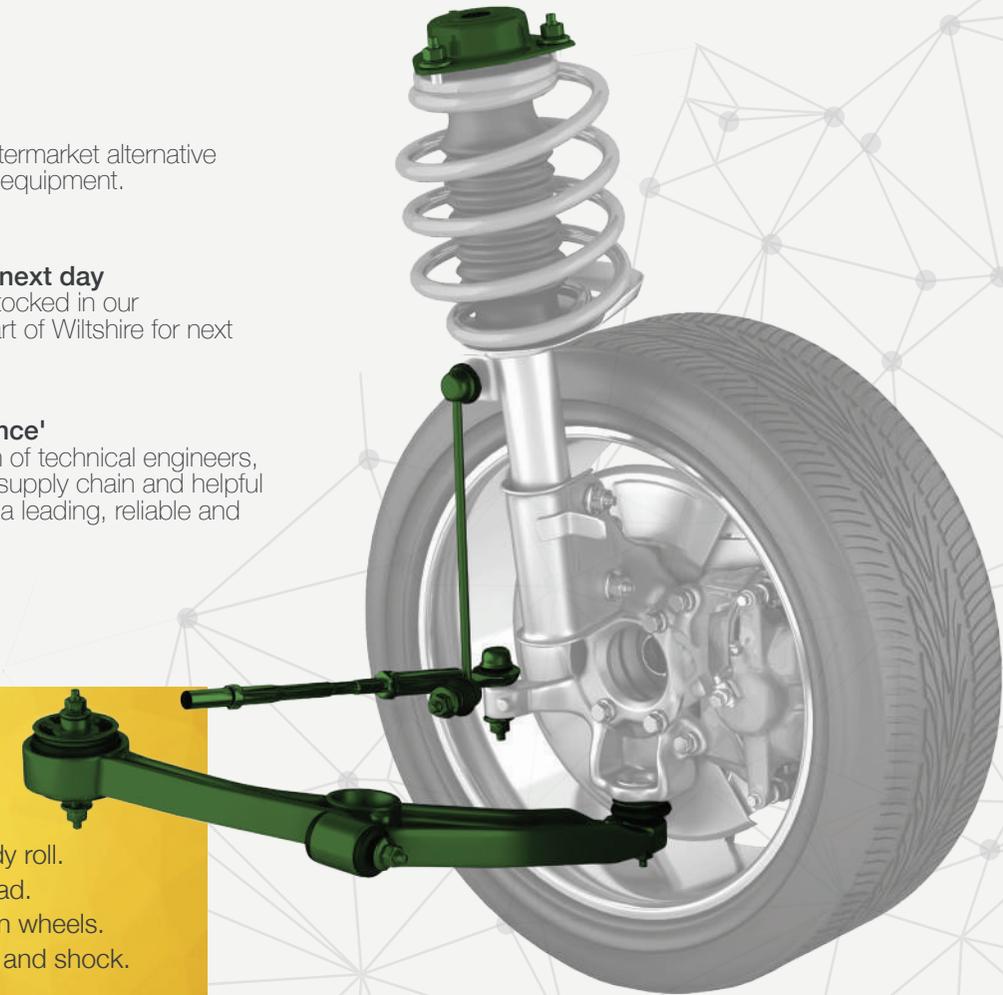


A team 'Committed to Excellence'

BGA boasts an experienced team of technical engineers, creative marketing team, efficient supply chain and helpful sales team which positions us as a leading, reliable and trustworthy partner in the industry.

BGA suspension system purpose:

- ✔ Supports the weight.
- ✔ Smooth Ride.
- ✔ Allows rapid cornering without body roll.
- ✔ Keeps tyres in firm contact with road.
- ✔ Works with steering system to align wheels.
- ✔ Isolates passengers from vibration and shock.





Durability

All parts are tested to 1 million cycles for longevity and resistance.



Weather Resistance

Electronically coated, reducing corrosion against salt, dirt and water ingress.

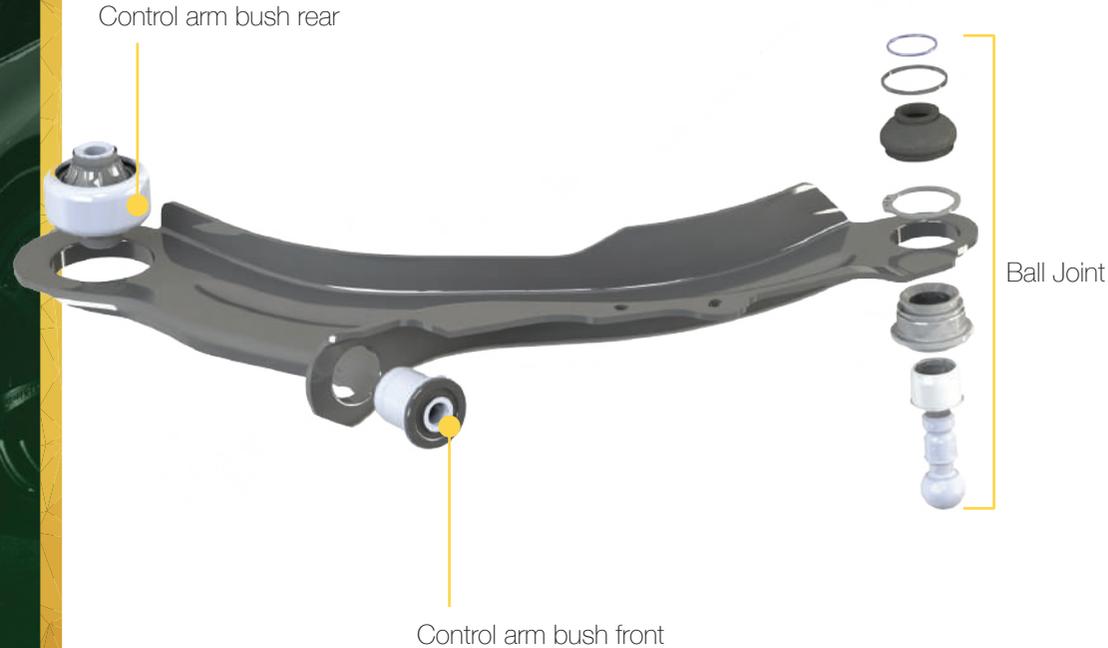


Testing

Ball joints and bushes are tested simultaneously during real life road simulation.

TRACK CONTROL ARMS

Keep the vehicle levelled and steer in the correct direction.



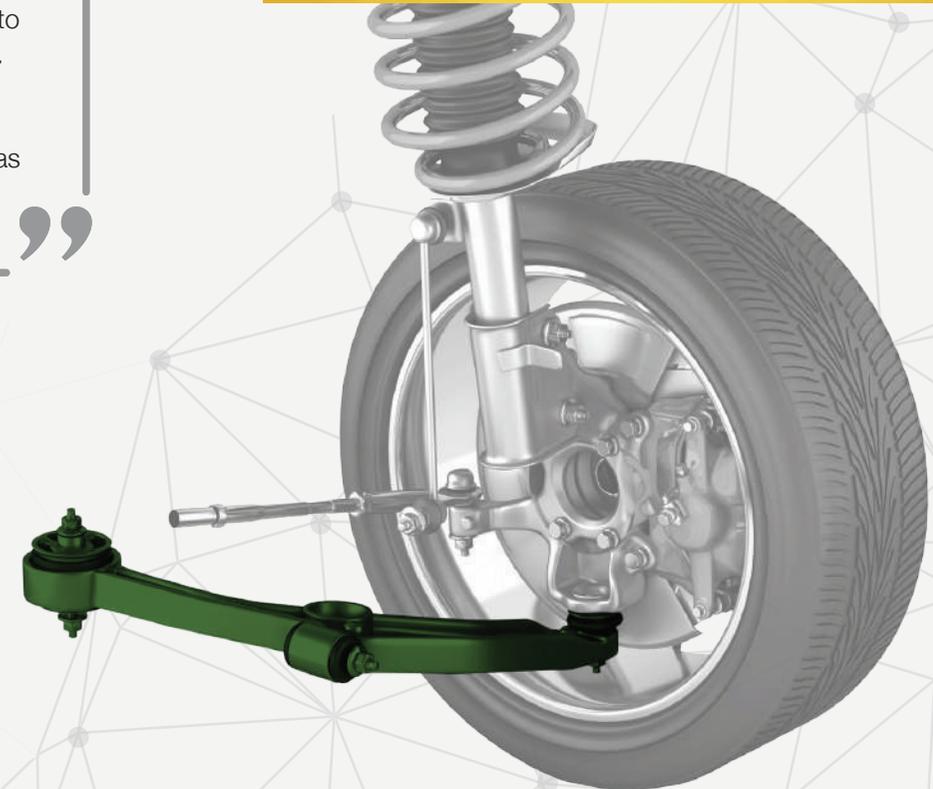
“ A damaged track control arm will cause wearing of tyres, shock absorbers and brake pads, leading to poor traction or even loss of control.

A damaged track control arm can cause immobilisation of the vehicle as the wheels will no longer be able to turn.

”

Product features

- ✓ Cataphoresis coating - subjected to a 2,000 hour salt spray corrosion test.
- ✓ All welded components are tested electronically for welding penetration.



TIE ROD ENDS

Provide precise steering for safe cornering and vehicle guidance.



“ We can all agree a shaking steering wheel is unsettling, whether on a straight road or rough terrain. If a steering wheel isn't steady, you'll probably have issues with your tie rod end. ”

Product features

- ✓ Boots are made from chloroprene rubber.
- ✓ Cataphoresis coating - subjected to a 2,000 hour salt spray corrosion test.
- ✓ Optimal design of rubber-to-metal combination.



Practicality

Supplied with all accessories to ensure first time fit.



Durability

All parts undertake a 3 axis test for durability and against water leakage.



Longevity

High specification grease is used in all ball joints for lifetime lubrication.



Comfort

Absorbing vibrations of the road to significantly improve steering and driving stability.



Weather resistance

Salt corrosion test ensuring the part will perform in any environment.



Longevity

Additional plating for corrosion protection and longer service life.

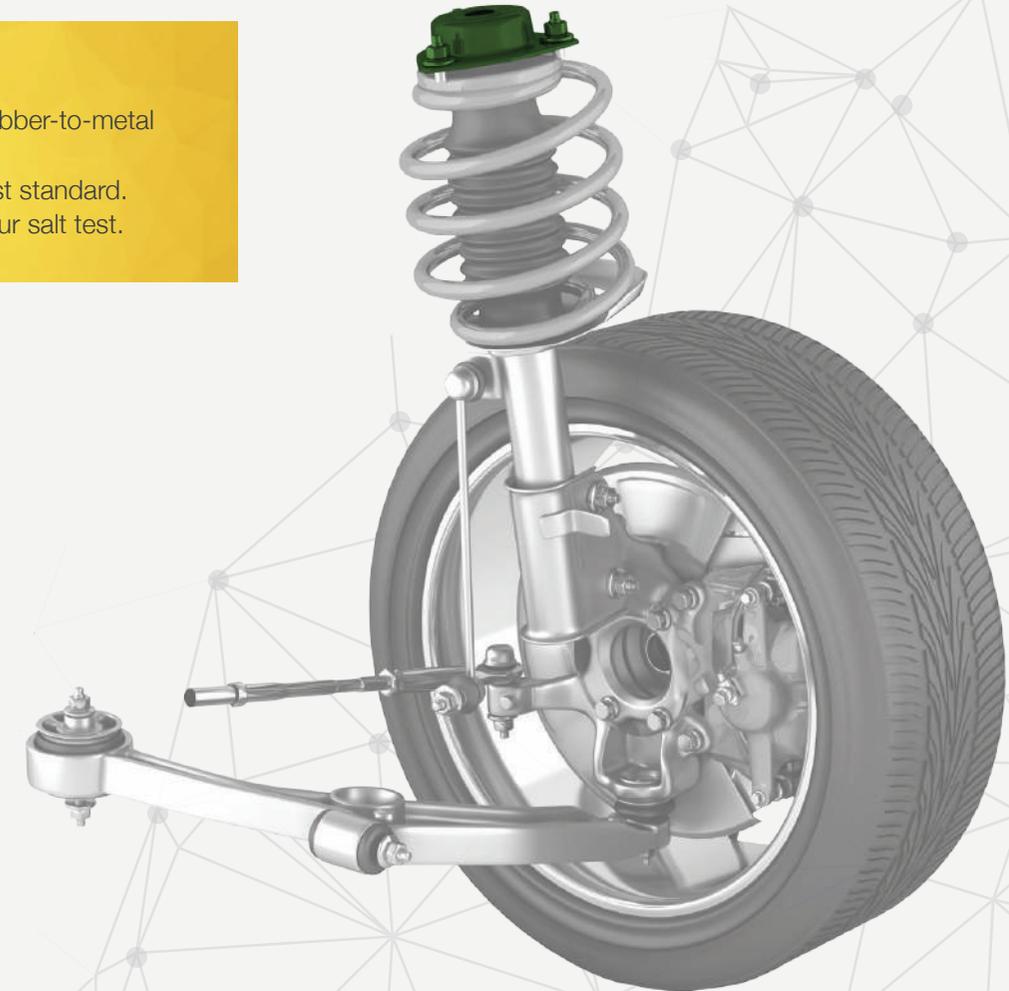
MOUNTS

Stabilise chassis and body to reduce noise and vibration.



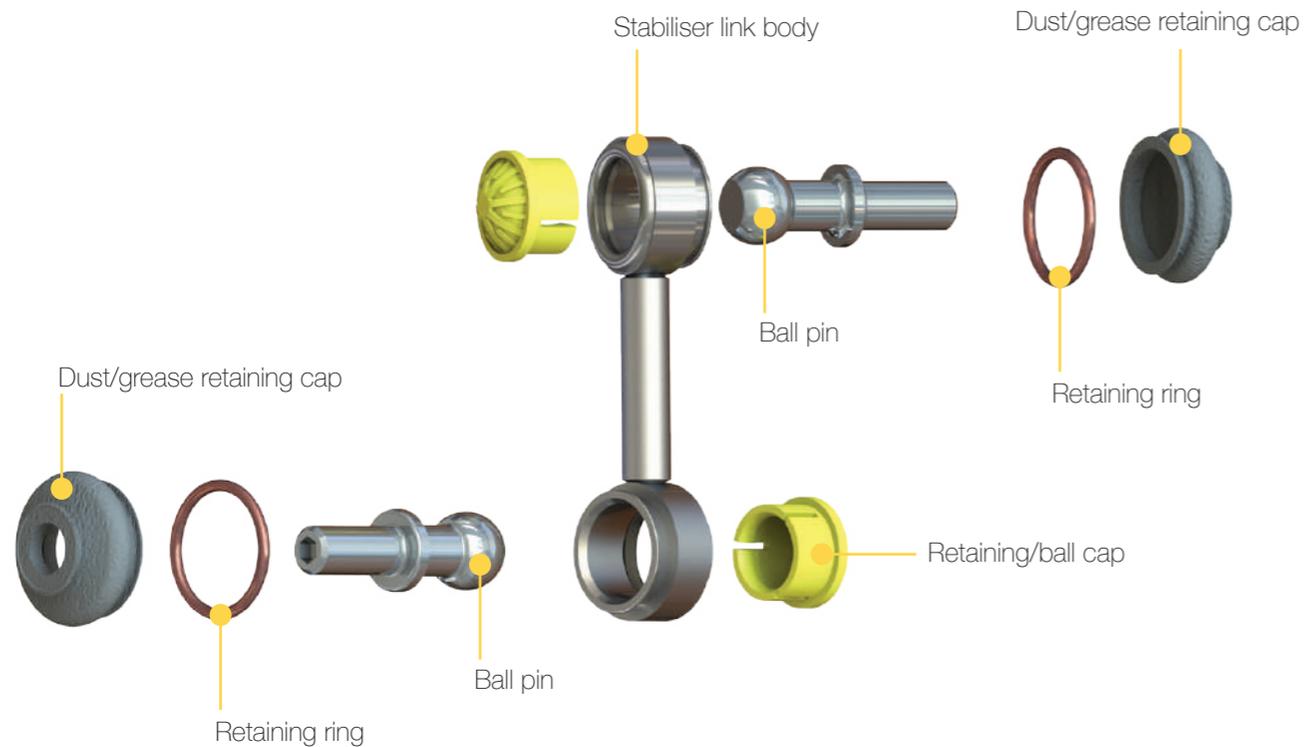
Product features

- ✓ Manufactured with enhanced rubber-to-metal bonding.
- ✓ All rubber is tested to the highest standard.
- ✓ Parts are subjected to 2,000 hour salt test.



STABILISER LINKS

Maintains the stability of the vehicle.



Product features

- ✓ Ball pin is roller burnished as part of its production, includes moly grease and OE quality nylon cup.
- ✓ Dust covers are made from chloroprene rubber.
- ✓ Tested to destruction and vigorously tested on rolling roads simulating real driving conditions.



Practicality

Supplied with all accessories to ensure first time fit.



Durability

Chloroprene rubber of highest quality to ensure resistance and performance.



Longevity

Ball pins are produced to the correct surface finish.



Reliability

Tested to 1,000,000 cycles.



Comfort

Absorbing vibrations of the road to significantly improve steering and driving stability.



Longevity

Improves the function and lifespan of vehicles.

SUSPENSION BUSHES

Ensure a smooth ride for a stable car.



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Worn or faulty suspension bushes can cause many problems on cars, especially when it comes to handling.

A suspension bush is used to reduce strain on vehicle components when in motion.

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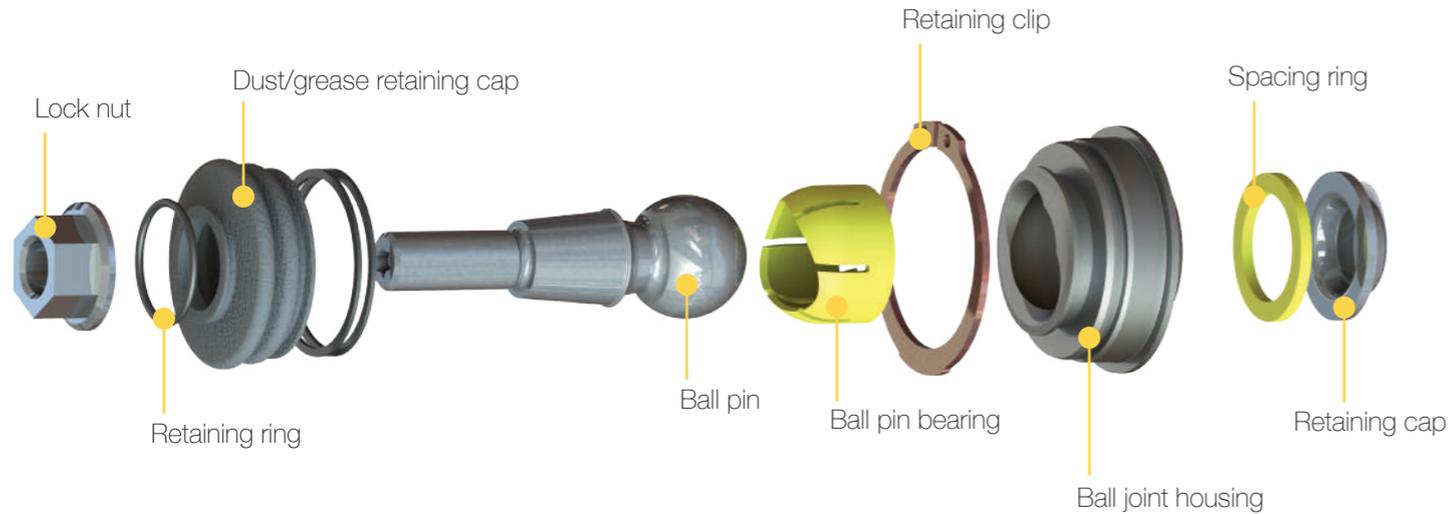
Product features

- ✓ All tested using the latest bush test equipment.
- ✓ All rubber bushing matches or exceeds the OE shore value tests.
- ✓ Matching OE technology e.g. Hydraulic Bushes.



BALL JOINTS

Act like a pivot between the wheels and the suspension for safe steering.



Product features

- ✓ Lubricated with an industry leading grease (LN 584 LO).
- ✓ Boots are made from chloroprene rubber.
- ✓ Ball pins are spherical and have smooth finish.



Reliability

Ball joints are subjected to robust testing.



Durability

Plastic ball-pin bearings are coated in grease, ensuring a lifetime movement.



Weather Resistance

Boots are manufactured to the highest quality to prevent dirt and ingress.

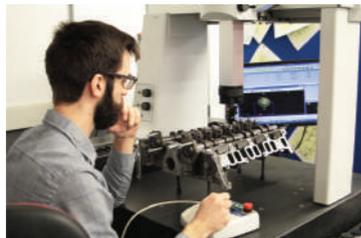
OUR VALUES

We provide more than just quality product.



Customer Service

Our friendly, experienced and multi lingual team of customer service advisors are available to support you with any queries.



Technical Support

We have a team of Automotive Engineers in house ready to help with any issues arisen within our product range.



Marketing

A fundamental asset to your business growth. Contact our marketing team for access to imagery, brochures, mailers, etc.



Training

We offer product sales and technical training courses from experts in the Aftermarket Automotive industry.



Timing

- Timing Chain Kits
- Timing Belt Kits
- Oil Control Valves



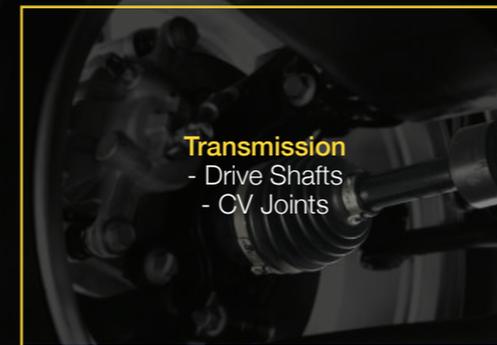
Gaskets, Bolts and Sealing

- Gaskets
- Bolts
- Silicone Sealant



Camtrain

- Camshafts
- Rocker Shafts
- Lifters/Tappets
- Rocker Arms
- Valves and Guides



Transmission

- Drive Shafts
- CV Joints



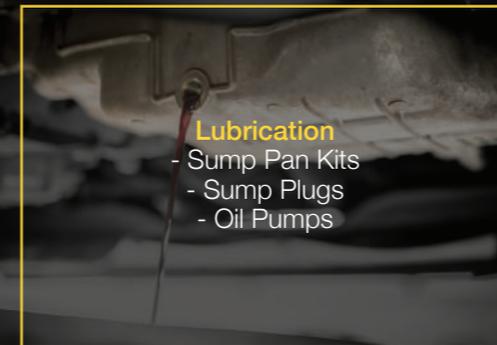
Auxiliary Drive

- Drive Belts
- Crankshaft Pulleys & Kits
- Overrunning Alternator Pulleys
- Idler Pulleys & Tensioners



Steering and Suspension

- Ball Joints
- Track Control Arms
- Stabiliser Links
- Tie Rod Ends
- Suspension Bushes
- Mounts



Lubrication

- Sump Pan Kits
- Sump Plugs
- Oil Pumps



Cooling

- Water Pumps
- Radiator Caps
- Thermostats
- Water Flanges
- Viscous Fans



Power Steering Pumps



BESTOFBRITISH

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Celebrating 90 Years of Manufacturing.

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