





#BESTUNDERPRESSURE





BGA IS PART OF A
BRITISH OEM GROUP,
MANUFACTURING
SINCE 1929.

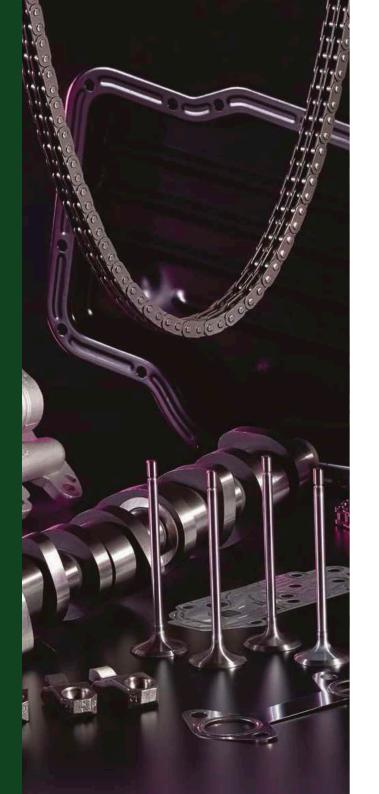


OEM GROUP CUSTOMERS

BGA's OEM Group is one of the largest privately owned manufacturing groups within our market sector.

PARTS MANUFACTURED FOR:

- >> Under the Bonnet
- >> On the Road



















































BGA HEADQUARTERS

QUALITY CERTIFICATES:























BGA MANUFACTURING

8 Factories Worldwide

Various Joint Ventures

OE Quality as Controlled by the Group













TESTING & QUALITY CONTROL

TIMING CHAIN KIT EXAMPLE:

BGA uses OE (Original Equipment) parameters and tolerances as the mandatory MINIMUM requirements to pass our quality controls - meaning that our parts and components can and will often surpass OE.



GUIDE SIZING

Utilizing a CMM machine to evaluate Guide sizing against OE, guarantees original specification alignment and fitment.

To meet the design criteria, parts are subjected to control pulling force with a range of difference parameters measured, presented as a line graph showing elongation, yield point, maximum operating load and maximum load.

VVT FUNCTION TESTING

ENSURING BGA VVT SPORCKETS OUTPERFORM THE ORIGINAL.

The VVT is mounted in a bespoke fixture which enables real world evaluation of torque performance, which is critical to its operation within the engine valve train.

RESEARCH & DEVELOPMENT CENTRE

- All parts tested to destruction before releasing from the production line.
- >> OEM Quality guaranteed to be met or surpassed.
- BGA parts can be re-engineered to improve or fix issues with original equipment.















STRONG BRAND PARTNER

VALUE ADDED SUPPLIER OF AFTERMARKET PRODUCTS.

OEM EXPERTISE

- Over 95 years of OEM manufacturing heritage.
- Products engineered to exceed Original Equipment standards.
- >> Supply to OEM.

SUPPORT AND SERVICE

- >> Complete Kit Solutions.
- >> Full technical assistance.
- >> Tailored marketing support.
- >> Customer-first approach.

GLOBALLY RECOGNISED

- Global presence with partnerships in leading buying groups.
- >> Participation in international exhibitions.
- Multi-channel marketing campaigns viewed by millions annually.







GLOBAL CUSTOMER BASE

Over 500 Customers 75+ Different countries

- Europe
- >> USA
- Australia
- Middle East
- Africa





BGA LOGISTICS

- >> Larger facilities (160,000ft² with higher racking capabilities).
- >> 10 Loading Bays.
- >> High tech Warehouse management system.
- >> Stock holding increase.
- Increased speed, efficiency and accuracy.
- Massively improved IT Infrastructure.
- >> 10 Pallet high racking.
- >>> Large investments in machinery and equipment.







PRODUCT RANGE





CAMTRAIN

Camshafts, Rocker Shafts, Lifters/Tappets, Rocker Arms, Valves & Guides, Valve Stem Seal Sets.



COOLING

Water Pumps, Thermostats, Water Flanges, Viscous Fans, Radiator Caps.



CRANKSHAFT PULLEY

Crankshaft Pulley, Crankshaft Pulley Bolts.



DRIVE BELTS & COMPONENTS

Drive Belt, Idler Pulley, Tensioners, Overrunning Alternator Pulley.



ENGINE VENTILATION

Rocker Cover. Inlet Manifold.



GASKETS, BOLTS, SEALANT

Head Gasket Kits, Manifold Gasket, Crankshaft & Camshaft Oil Seals, EGR Gaskets, etc.



LUBRICATION

Oil Pumps, Oil Control Valves, Sump Pans, Sump Plugs, Transmission Plugs.



OIL COOLER

Oil Cooler with/without Gaskets.



STEERING & SUSPENSION

Track Control Arms, Bushes, Stabiliser Links, Strut Mounts, Ball Joints, Tie Rod Ends, Engine Mounts.



TRANSMISSION

Drive Shafts, CV Joints, Clips, Grease, Boots, Power Steering Pump with/without Accessories.



TIMING BELT KITS

Timing Belt Kits, Belts, Tensioner, Idler Pulleys, Water Pumps, Bolts.



TIMING CHAIN KITS

Timing Chain Kits, Chains, Guides, Tensioner, Gaskets, Sprockets, VVT, Timing Cover, Bolts.



TIMING CHAIN KITS



✓ 3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT

BUILT TO SIMULATE COMBUSTION ENGINES





Timing

Chain









ALL CHAINS ARE SUPPLIED **CHAIN LUBRICANT**



STEERING & SUSPENSION



- ✓ 5,300+ REFERENCES IN RANGE COVERING MORE THAN 425,300 APPLICATIONS
- TESTED TO 1 MILLION CYCLES FOR LONGEVITY AND A 2000HR SALT SPRAY TEST TO ENSURE RESISTANCE (OE ONLY TESTS FOR 720HR)
- ✓ 3 YEAR MANUFACTURER'S WARRANTY
 TO SUPPORT OUR QUALITY ASSURANCE
 COMMITMENT







382+Ball
Joints



1,267+



856+Stabiliser
Links



1,213+Tie Rod
End



347+ Engine Mount



300+ Strut Mount



4+Air
Compressor



TIMING BELT KITS



- ✓ 240+ REFERENCES IN RANGE COVERING MORE THAN 19,000 APPLICATIONS
- **✓** QUALITY TESTED ON BESPOKE MACHINES BUILT TO SIMULATE COMBUSTION ENGINES
- 3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT







186+

Tensioner

110+



80+ Water Pump



DRIVE BELTS & MULTI V KITS



- **✓** 971+ REFERENCES IN RANGE COVERING MORE THAN 72,500 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- √ -40°C − +120°C OPERATING TEMPERATURES
 OUT PERFORMING OEM







51+Alternator
Pulley



195+Tensioner



Idler Pulley

SUPERIOR QUALITY PINCH ROLLERS ENABLE SMOOTH FUNCTION LEADING TO LOWER NOISE AND VIBRATIONS



OVERRUNNING ALTERNATOR PULLEY

- **✓** 51+ REFERENCES IN RANGE COVERING MORE THAN 6,500 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- ✓ 3 YEAR MANUFACTURER'S WARRANTY
 TO SUPPORT OUR QUALITY ASSURANCE
 COMMITMENT

HIGH-PERFORMANCE NEEDLE ROLLER NTN BEARINGS SUPPORT THE BELT LOAD CONTROLLING UNWELCOME MOVEMENT IN THE BELT





PLASTIC SEALING CAP PREVENTS
CONTAMINATION OF THE BEARINGS AND
EXTENDS THE LIFE OF THE PULLEY



ENGINEERED IN THE UK WITH A COMMITMENT TO SUPERIOR QUALITY AND PERFORMANCE

3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT

CRANKSHAFT PULLEYS (TORSIONAL VIBRATION DAMPERS)

- 250+ REFERENCES IN RANGE COVERING MORE THAN 13,500 APPLICATIONS
- **✓** OE QUALITY AS STANDARD ACROSS **BGA'S FULL PRODUCT RANGE**
- **✓** OPTIMAL VIBRATION ABSORPTION PERFORMANCE IS ACHIEVED DUE TO OUR **OEM GROUPS MANUFACTURING EXPERIENCE**





50+ Kits

Crankshaft Pullev

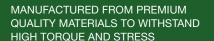
DYNAMICALLY BALANCED TO REDUCE ENGINE VIBRATION AND NOISE. ENHANCING PERFORMANCE AND LONGEVITY OF THE ENGINE





CRANK PULLEY KITS COME SUPPLIED WITH REPLACEMENT TORQUE TO YIELD **BOLTS WHICH CAN ONLY BE USED ONCE**

DRIVE SHAFTS & CV JOINTS



HARDNESS TESTING
OF ALL COMPONENTS
ENSURES LONGEVITY



✓ TREATED WITH ADVANCED PROTECTIVE COATINGS, HIGHLY RESISTANT TO RUST AND CORROSION

3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT

A SPECIAL ANTI-WEAR GREASE IN OUR BEARINGS FOR HIGH MECHANICAL PRESSURE, WHICH IS COMPOSED OF MINERAL OIL, LITHIUM SOAP AND MOLYBDENUM DISULFIDE LARGER BALL BEARINGS PROVIDE
GREATER LOAD CAPACITY FOR THE CV JOINT

100% INSPECTED WITH "GO / NO GO" SPLINE GAUGES TO ENSURE THAT THE CRITICAL TOLERANCE OF OUR SHAFT SPLINES IS ACCURATE



450+

Drive Shafts



300+CV Joints







OF LUBRICANTS, COOLANTS, AND

COMBUSTION GASES.

SEALING



HEAD GASKETS ARE COATED WITH

OE QUALITY STANDARD SINCE 1929

> DEVELOPED TO WITHSTAND EXTREMETEMPERATURE CHANGES, HIGH COMBUSTION PRESSURES, AND EXPOSURE TO COOLANTS AND LUBRICANTS.

- 5,600+ REFERENCES IN RANGE COVERING **MORE THAN 302,000 APPLICATIONS**
- **OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE**
- **3 YEAR MANUFACTURER'S WARRANTY** TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT



1,300+ Head Gasket



******000 + 0.00 Manifold Gasket



400+ **Rocker Cover** Gasket



150+ Sump Pan Gaskets



Silicone Sealant



100+ Valve Stem Seal Sets



350+ Crankshaft & Oil Seals



300+ Head Bolt Kits





POWER STEERING PUMPS

BRAND NEW
NO COSTLY SURCHARGE WITH THE
UNCERTAINTY OF CORE ACCEPTANCE.



- ✓ 250+ REFERENCES IN RANGE COVERING MORE THAN 5,500 APPLICATIONS
- ✓ EXTENSIVELY TESTED TO MATCH AND SURPASS OF QUALITY STANDARDS (LEAK, PRESSURE, FLOW PERFORMANCE AND VOLUME EFFICIENCY).
- ✓ 3 YEAR MANUFACTURER'S WARRANTY
 TO SUPPORT OUR QUALITY ASSURANCE
 COMMITMENT

OUR PUMPS FEATURE A PRECISION-FIT VALVE WHICH IS BENCHMARKED AGAINST OE APPROVED TOLERANCES.





PULLEYS ARE PRESS STEEL COATED ENSURING CORROSION RESISTANCE.



ENGINE VENTILATION



- ✓ 138+ REFERENCES IN RANGE COVERING MORE THAN 6,000 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- ✓ 3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT







49+ Inlet Manifolds

THERMOSTATS, RADIATOR CAPS WATER FLANGE, VISCOUS FAN

RESPONSIVE VISCOUS COUPLING, ALLOWING SEAMLESS TRANSITIONS BETWEEN ENGAGEMENT AND DISENGAGEMENT



- **✓** 585+ REFERENCES IN RANGE COVERING MORE THAN 66,500 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- ✓ 3 YEAR MANUFACTURER'S WARRANTY

 TO SUPPORT OUR QUALITY ASSURANCE

 COMMITMENT



350+Thermostats



120+ Water Flanges



65+ Radiator Caps



50+ Viscous Fans



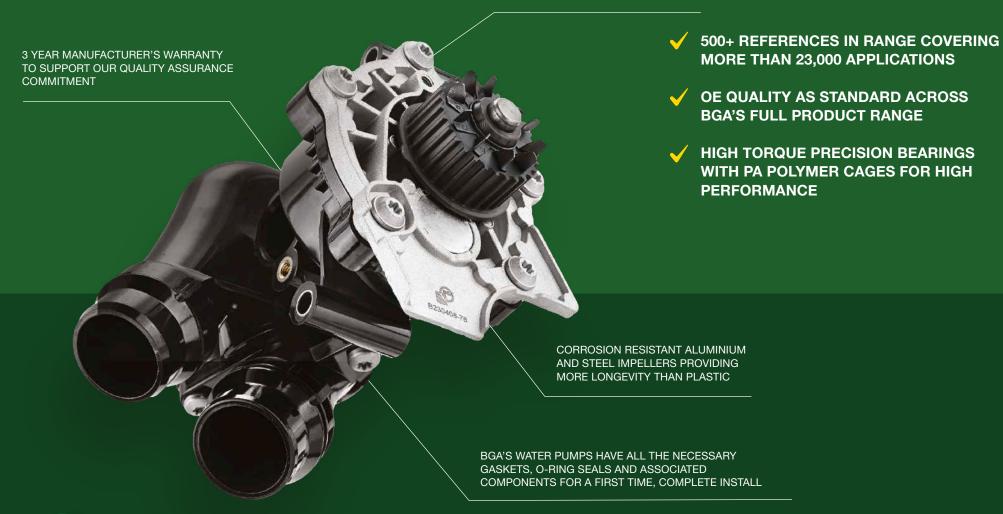


DESIGNED TO PROVIDE EFFICIENT COOLING BY RESPONDING TO ENGINE HEAT, ENSURING OPTIMAL ENGINE TEMPERATURE IS MAINTAINED



WATER PUMPS

NBR RUBBER O-RINGS WITH OE QUALITY SILICON CARBIDE MECHANICAL SEALS







OIL COOLER

OPTIMAL PERFORMANCE GUARANTEED, KEEPING OIL AT THE RIGHT TEMPERATURE ENSURING EFFICIENT ENGINE OPERATION



- ✓ 170+ REFERENCES IN RANGE COVERING MORE THAN 17,400 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- 3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT

BGA'S OIL COOLER TESTING INVOLVES SEALING THE COOLER, APPLYING A VACUUM OR PRESSURE, AND MEASURING DECAY TO DETECT LEAKS, ENSURING COMPONENT RELIABILITY AND PERFORMANCE MATCHES OR SURPASSES THE OE EQUIVALENT

DESIGNED TO FIT SEAMLESSLY WITH A WIDE RANGE OF ENGINE TYPES ENSURING EASY INSTALLATION







SUMP PANS

LEAK AND PRESSURE-TESTED TO ENSURE LONG LIFE AND HASSLE-FREE FITTING



- ✓ 120+ REFERENCES IN RANGE COVERING MORE THAN 8,300 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- 3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT



120+Sump
Pan



150+ Sump Gasket



65+ Sump Plug







OIL CONTROL VALVE

HIGH QUALITY MATERIALS AND ADVANCED MANUFACTURING TECHNIQUES ENSURE PRECISE OIL FLOW REGULATION





3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR QUALITY ASSURANCE COMMITMENT



ALL MAKES PROGRAM COVERING AUDI, BMW, CITROEN, FIAT, FORD, HONDA, MERCEDES, NISSAN, PEUGEOT, TOYOTA, VAUXHALL AND VW ENGINES







CAMTRAIN

3 YEAR MANUFACTURER'S WARRANTY TO SUPPORT OUR **QUALITY ASSURANCE COMMITMENT**



1,000+ REFERENCES IN RANGE COVERING **MORE THAN 80,700 APPLICATIONS**

OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE

PRECISELY MACHINED TO MATCH EXACT **TOLERANCES FOR PERFECT ENGINE TIMING**











2+ Camshaft Bridge

3+ Rocker Arm Bridge



MANUFACTURED USING PREMIUM QUALITY MATERIALS FOR LONG LIFE Camshafts

75+ Rocker Arms



Rocker

Shafts

5+ Cam Adjusters



475+ Valves & Valve Guides



90+ Hydraulic Lifter





TIMING COVER

DESIGNED WITH SUPERIOR SEALING CAPABILITIES TO PREVENT OIL LEAKS AND PROTECT INTERNAL ENGINE COMPONENTS.



- ✓ 20+ REFERENCES IN RANGE COVERING MORE THAN 1,550 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- ✓ 3 YEAR MANUFACTURER'S WARRANTY
 TO SUPPORT OUR QUALITY ASSURANCE
 COMMITMENT

BEND AND BREAK ON REMOVAL WHEN CHANGING THE TIMING CHAIN KIT - NEED REPLACING



OIL PUMP

SUPPLIED WITH HIGH-QUALITY GASKETS AND SEALS TO GUARANTEE A LEAK-PROOF FIT AND OPTIMAL EFFICIENCY PERFORMANCE BENCHMARKED AGAINST THE OEM EQUIVALENT



- ✓ 200+ REFERENCES IN RANGE COVERING MORE THAN 9,000 APPLICATIONS
- ✓ OE QUALITY AS STANDARD ACROSS BGA'S FULL PRODUCT RANGE
- ✓ 3 YEAR MANUFACTURER'S WARRANTY
 TO SUPPORT OUR QUALITY ASSURANCE
 COMMITMENT

PRECISION-ENGINEERED TO ENSURE A 'PERFECT FIT' AND TO PREVENT LEAKAGE





DESIGNED FOR OPTIMAL EFFICIENCY, ENSURING MINIMAL ENERGY LOSS AND MAXIMUM OIL PRESSURE DELIVERY FOR PEAK ENGINE PERFORMANCE

NEW TO RANGE

Our dedicated product management team ensures the rapid release of new products, keeping you ahead of the competition with comprehensive availability for the latest vehicle models.



BGA Ref

OE Ref

Vehicle TRC09108 31106861185 BMW 5 Series 2016-2020



BGA Ref OE Ref Vehicle TRC1483 9806738380

Citroen DS5 2011-2015

BGA Ref OE Ref Land Rover Discovery 12-18 SC4201 LR044016 Range Rover Sport 11-13 SC4201 LR044016 Range Rover 2015 > SC4202 LR056304 Range Rover Sport 14-18 SC4202 LR056304

BGA Ref OE Ref

Monthly 'New To Range'

inbox!

65 PART NUMBERS ADDED THIS MONTH!

references freshly released from the

> production line straight to your

> > Ford S-Max 2015-2018 TRC23012 5309139 Ford Galaxy 2018 >

Vehicle



WORLDWIDE EXHIBITIONS & CUSTOMER SUPPORT



AAPEX LAS VEGAS

AUTOMECHANIKA **MEXICO CITY**

CUSTOMER SHOWS AROUND THE WORLD AND MORE



BRITISHCAFE

AUTOMECHANIKA ISTANBUL

AUTOMECHANIKA DUBAI

AUTOPROMOTEC **ITALY**





TECHNICAL SUPPORT

ENHANCED CONFIDENCE

Providing expert technical advice helps customers feel secure in their purchase decisions, increasing trust in your business and the BGA brand.

IMPROVED KNOWLEDGE

Enhance your teams understanding of BGA products, enabling them to provide a better service, boosting sales and reducing product returns.

FAST ISSUE RESOLUTION

Direct access to expert advise allows quick problem solving, keeping customers satisfied and operations running smoothly.





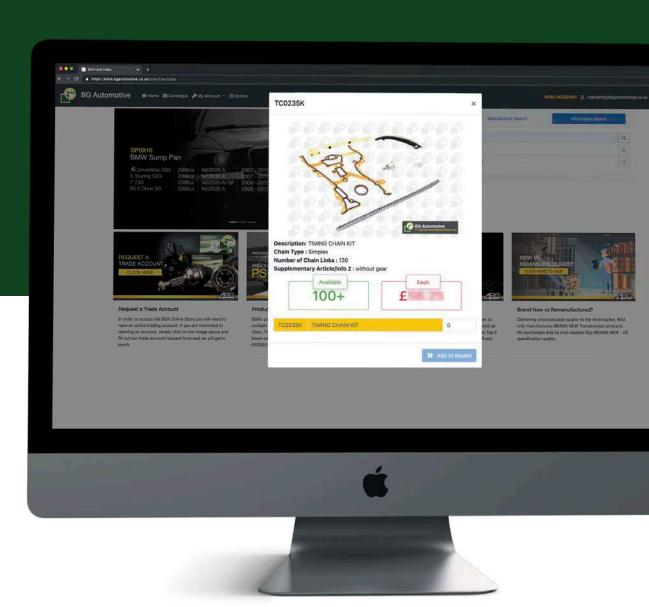
ONLINE STORE / CATALOGUE

ONLINE STOCK CHECK & ORDERING

- >> Search for over 40,000 references.
- >> Check stock availability and pricing in real-time.
- >> Quickly place and save orders.
- >> Instant visibility of previous online orders.

CATALOGUE & REFERENCING

- Enhanced data accuracy and product imagery.
- >> Comprehensive database of cross-references.
- >> Improved product application search.





BRITISH OEM SINCE 1929









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