# An extensive range of suspension solutions for yesterday, today and tomorrow!

Whichever car you drive and however you choose to drive it, Gaz shocks have a suspension solution that's just right for your needs. Whether that means a shock to make you faster, a kit to make you lower or simply a damper to allow you greater control, you can be sure that Gaz will have the answer.....

## GAZ GT

Adjustable rate telescopic dampers available for a wide variety of applications.

## GAZ GS

Fixed spring seat adjustable rate dampers

## GAZ GP

Variable height spring seat/adjustable rate dampers. (Also available with aluminium bodies as GAZ SA range. Please note that springs are not included).

## GAZ A/S

Variable height spring seat/ top adjustable rate strut. (For use with 2.25"/57mm race coils. Please note that springs are not included).

## GAZ GAI

Adjustable rate insert with top adjustment.

## GAZ GA

Fixed spring seat adjustable rate strut with top adjustment.

## GAZ DA

Aluminium bodied double adjustable damper (independent bump and rebound adjustment) with variable height spring seat. Manufactured to individual customer specification.

## GAZ GFR & GAZ GHA Suspension Kits

A range of fixed pan and variable spring seat damper sets available with matching lowered ride height springs.

# So simply...why choose GAZ?

**Flexibility**
Easy 36 point rotary adjustment providing the facility for fine tuning without the need to remove the shock absorber from the car.

**Revolutionary**
Double lip seal plus a further stem seal on the piston rod. Produces a shock absorber with unrivalled performance characteristics for both the road and track.

**Drivability**
Employing our complete understanding of every aspect of damping technology we believe that Gaz shock absorbers strike the ultimate balance between comfort and performance roadholding.

**Reliability**
Every unit is fully tested and dispatched from our factory with an individual dynometer report.

**Quality**
Made to accredited ISO9002 standard and supplied with a 3 year warranty.

**Durability**
Zinc plated body that resists salt spray and road grime on vehicles where detailing really matters.

**Availability**
A full range of fully adjustable shock absorbers and suspension kits for popular models.

**Flexibilität**
Eine leichte 36-Punkte rotierende Anpassung ermöglicht eine Optimierung der Einrichtung, ohne dass die Stoßdämpfer aus dem Auto entfernt werden müssen.

**Revolutionär**
Verfügt über eine doppelte Lippendichtung sowie eine weitere Schaftdichtung auf der Kolbenstange. Erzeugt einen Stoßdämpfer mit unvergleichlichen Leistungsmerkmalen sowohl für die Straße als auch die Spur.

**Fahrbarkeit**
Unter Anwendung unseres vollständigen Wissens über jeden Aspekt der Dämpfungstechnologie glauben wir, dass die Gaz Stoßdämpfer eine ultimative Balance zwischen Komfort und entsprechender Leistung in jeder Straßenlage darstellen.

**Zuverlässigkeit**
Jede Einheit wird vollständig getestet und von unserer Fabrik zusammen mit einem individuellen Belastbarkeitsbericht versendet.

**Qualität**
Hergestellt nach dem akkreditierten ISO9002 Standard und mit einer 3 Jahres-garantie geliefert.

**Widerstandsfähigkeit**
Ein galvanisch verzinkter Körper, der Salzspray und Straßenruß auf Fahrzeugen an den Stellen widersteht, wo Details wirklich wichtig ist.

**Verfügbarkeit**
Ein volles Sortiment an voll anpassbaren Stoßdämpfern und Suspensionsausrüstungen für beliebte Modelle.

**Adaptabilité**
Réglage rotatif facile sur 36 points permettant de régler finement sans devoir déposer l'amortisseur de la voiture.

**Révolutionnaire**
Joint à double lèvre et joint de tige complémentaire sur la bielle du piston. Produit un amortisseur aux performances inégalées pour la route et en tout terrain.

**Conduite**
En appliquant notre compréhension complète de tous les aspects de la technologie des amortisseurs, vous croyons que ces amortisseurs à gaz atteignent l'équilibre parfait entre le confort et la tenue de route.

**Fiabilité**
Chaque appareil est testé complètement et livré avec un rapport de dynamomètre individuel.

**Qualité**
Fabriqué selon la norme ISO9002 obtenue et fourni avec une garantie de 3 ans.

**Longévité**
Corps zingué résistant aux projections salines et à la poussière des routes pour les véhicules sur lesquels le détail est réellement important.

**Disponibilité**
Une gamme complète d'amortisseurs totalement réglables et d'ensembles de suspensions pour les modèles populaires.

**Flexibilidad**
Ajuste fácilimente hasta 36 posiciones sin necesidad de desmontar el amortiguador de su vehiculo.

**Revolucionario**
El sistema de reten de doble labio sella a la perfección con el émbolo del amortiguador, creando un producto con caracteristicas inigualables para todo tipo de carreteras.

**Maneiabilidad**
Aplicando nuestros avanzados conocimientos en suspensión creemos que los amortiguadores Gaz han alcanzado lo último en equilibrio entre confort y capacidad de agarre en carretera.

**Seguridad**
Cada unidad es totalmente comprobada y despachada de nuestra fábrica con un informe dinamométrico individual.

**Calidad**
Fabricado bajo las normas IS09002 y suministrado con tres años de garantía.

**Durabilidad**
Recubierto con zinc ofreciendo buena resistencia a la sal y suciedad de las carreteras además de ofrecer un aspecto impecable alli donde el detalle realmonte importa.

**Existencias**
Hay una completa gama de amortiguadores regulables y kits de suspensión para todos los modelos.



**Gaz Shocks Tel: 01268 724585 Fax: 01268 724536 E-mail: gazzengltd@aol.com**

# Quality backed by expertise... the history of GAZ SHOCKS.

Gazzard Engineering Company was formed in 1967 by Brian Gazzard and his brother Christopher, for the purposes of producing high quality machined components for the automotive industry. The first site the company occupied was in North Ockendon and at that time, the fledgling company boasted a workforce of just three, but always had an eye to future expansion.

In 1971 due to increased market demands for its products the company moved to a 2000 sq ft site in Rainham, Essex where it then employed 12 people. Continuing the Gazzard Engineering tradition as a family run firm, two of Brian's sons Mark and Warren, joined the company in 1985 bringing in by then urgently needed engineering design expertise and youthful enthusiasm.

Much later in 1993 Gazzard Engineering were proud to attain ISO 9002 accreditation that is eagerly sought by every major automotive manufacturer. This ensures that every product produced by the company then and now, meets the very highest standards of workmanship and materials available anywhere in the world. Furthermore, yearly inspections by an accredited body certify that the production process remains one of uncompromising quality.

Four years later due to a period of sustained growth, the company moved to its present location in Basildon and is now housed in a modern 12,500 sq ft factory with a total workforce of 34.

Towards the end of 2000 Gazzard Engineering identified a gap in the shock absorber market and launched their own product range, Gaz Shocks. With over 20 year's experience manufacturing components for a number of top names in the shock absorber industry this was a natural progression. With the majority of components used for the production of their shock absorbers manufactured in house, they can guarantee both the quality of their products and their competitive pricing structure.

Since the inception of Gaz Shocks, they have quickly established an enviable reputation in the kit car, stock car and classic car market place. Through their sponsorship of the Mighty Mini series, they have made major in-roads into the performance damper market for the ever popular Mini. This has resulted in an upsurge in sales worldwide, including an increased market share in Japan.

By now firmly established in the performance sector of the market Gaz have continued to grow by investment in both technology and their workforce. To produce a fantastic product you need excellent manufacturing facilities. State of the art CNC turning centres, over 40 auto screw machines and a large number of high production rotary transfer second operation machines enables them to produce the product that your customers need and demand! Each member of staff is subject to ongoing training that enables them to perform any engineering task within the factory. This seamless approach to the manufacturing process ensures that a last minute rush to meet order deadlines is a thing of the past. Product flows freely from the factory, whilst special order items are always a pleasure.

Latest product introductions include a small but significant range of adjustable struts, inserts and complete suspension kits to cover important applications within the fast road car market. This will be supported by a worldwide advertising campaign to increase consumer awareness of a truly superb product .

With over 30 years of high quality component manufacturing behind them Gazzard Engineering are proud to still be a family business. An affordable product designed to satisfy and exceed the expectations of every customer, guarantees that this company's future will continue to be one of growth and prosperity.

GAZ SHOCKS

**Gaz Shocks Ltd, Rayridge House, Swinborne Road, Burnt Mills Industrial Estate, Basildon, Essex. SS13 1EH**

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# An extensive range of suspension solutions for yesterday, today and tomorrow!

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| **MARCOS** | | | |
| COUPE MODELS | 1964-81 | GP5-2162 | GP5-2163 |
| MANTIS | 1970-71 | GP7-2164 | GP7-2165 |
| MANTULA | 1989- | GP5-2166 | GP5-2167 |
| | | - | GP5-2168 |
| MINI MARCOS | 1965- | GTO-2021 | GTO-2024 |
| **MAZDA** | | | |
| MX5/MIATA | 8/1989-98 | GP4-2169 | GP4-2170 |
| | 2001- | GP7-2419 | GP7-2420 |
| **MERCEDES** | | | |
| 219,220,220A,220S | 1955-59 | GT9-2171 | GT9-2172 |
| G WAGON 4X4 - ALL MODELS | 2/79- | GT7-2173 | GT7-2174 |
| MERCEDES - W126 SERIES 420 SEC, 500 SEC | 1979-1990 | GT9-2175 | GT9-2176 |
| MERCEDES - W107 SERIES 280L, SLC | 1972-84 | GT9-2177 | GT9-2176 |
| 300 SL, 420 SL | 1985-88 | GT9-2177 | GT9-2176 |
| 380 SL, 500 SL, SLC | 1980-85 | GT9-2177 | GT9-2176 |
| MERCEDES - W126 SERIES 260 SE, 2809S, SE, SEL, 300SE, SEL (6cyl MODELS) | 1979-90 | GT9-2175 | GT9-2176 |
| 380SE, SEC, SEL, 420SE, SEL (8cyl MODELS | 1979-90 | GT9-2175 | GT9-2176 |
| 500SE, SEL (8cyl MODELS) | 1980-88 | GT9-2175 | GT9-2176 |
| MERCEDES - W201 SERIES 190, 190E, 190D | 11/1982-93 | - | GT6-2177 |
| **MG (SEE ROVER GROUP)** | | | |
| **MORGAN** | | | |
| PLUS 4, 4X4, PLUS 8 | 1954- | GT6-2180 | - |
| **MORRIS (SEE ROVER GROUP)** | | | |
| **NISSAN** | | | |
| NISSAN 300ZX ADJ S/S | 1990- | GP9-2326 | GP8-2325 |
| SKYLINE | 1989- | GP82107 | GP82106 |
| **OPEL** | | | |
| CORSA - ALL MODELS | 9/1982-93 | GAZ1007 | GT5-2181 |
| CORSA 1.6 GSI | 5/88-2/93 | GAZ1007 | GT5-2181 |
| MANTA TYPE A- ALL MODELS | 1970-8/75 | GT5-2182 | GT4-2183 |
| MANTA TYPE B/CC/CCE - ALL MODELS | 9/1975-88 | GT5-2182 | GT4-2183 |
| MONZA TYPE A - ALL MODELS | 1978-87 | GAI2107 | GT4-2184 |
| **PEUGEOT** | | | |
| 106 - ALL MODELS | 1991- | GAI3004 | GT3-2185 |
| 205 - ALL MODELS (excl GLD,GRD,GTI & GTI) | 02/1984- | - | GT4-2186 |
| 205 GTI | 1984- | GAZ1004RH | GT4-2186 |
| | | GAZ2004LH | - |
| 205 GLD/GRD | 02/84- | GAZ1004RH | GT4-2186 |
| | | GAZ2004LH | - |
| 306 1.1/1.4/1.5/1.7/1.9/1.9TD | 1993- | GAZ 4004 RH | GT4-2186 |
| | | GAZ 5004 LH | - |
| 306 1.9 16V X.Si/S16 | 1993- | GAZ 4004 RH | GT4-2186 |
| | | GAZ 5004 LH | - |
| 309 | 1986- | - | GT4-2186 |
| 309 GTD | 1989- | GAZ 1004 RH | GT4-2186 |
| | | GAZ 2004 LH | - |
| 309 GTI | 1987- | GAZ 1004 RH | GT4-2186 |
| | | GAZ 2004 LH | - |

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| | | | |
|---|---|---|---|
| 404 COUPE/SALOON/CABRIOLET - ALL MODELS | 1960-74 | - | GT8-2187 |
| 404 FAMILIARE - ALL MODELS | 1964-76 | - | GT8-2189 |
| 405 - ALL MODELS (excl 4X4) | 1987- | - | GT4-2190 |
| 504 CABRIOLET, COUPE V6 | 6/1968-82 | - | GT8-2187 |
| 504 GT, GLD, TI | 1968-85 | - | GT8-2187 |
| 504L, LD, GR, GRD, SR, SRD | 1973-85 | - | GT8-2187 |
| 505 - ALL MODELS (excl ESTATES) | 1979-89 | - | GT8-2187 |
| 604 SL, TI, STI, TURBO DIESEL | 3/1975-83 | - | GT8-2187 |
| 604 TI, STI, GRD, SRD, TURBO DIESEL | 4/1982-86 | - | GT8-2187 |
| **PIPER** | | | |
| GTT - ALL MODELS | 1967-71 | GP3-2188 | GP3-2191 |
| P2 - ALL MODELS | 1971-74 | GP3-2188 | GP3-2191 |
| **PORSCHE** | | | |
| 356A, B, C | 1956-65 | GT4-2192 | GT6-2193 |
| 911 - SERIES E (TYPES 911S, 911T, CARRERA RS) | 9/1971-74 | - | GT7-2194 |
| 911 - CARRERA TURBO | 1975-89 | - | GT9-2195 |
| 912 & TARGA - SERIES A | 9/1965-8/68 | - | GT6-2196 |
| 912 - SERIES B | 9/1968-69 | - | GT7-2194 |
| 924 - ALL MODELS (inc TURBO) | 11/1975-8/84 | GAI 2008 | GT5-2197 |
| 924 CARRERA GT | 1981- | GAI 2008 | GT5-2197 |
| 924S | 9/1984-4/86 | GAI 2008 | - |
| 944 - ALL MODELS | 1981-8/84 | GAI 2008 | GT5-2197 |
| **RANGE ROVER (SEE LAND ROVER)** | | | |
| **RELIANT** | | | |
| SSI 1300, 1600, 1800TI | 1985- | GT4-2198 | GS6-2199 |
| SCIMITAR GT - STRAIGHT MODEL 6 | 1964-66 | GS6-2200 | GS6-2201 |
| A/S | | GP4-2202 | GP4-2203 |
| SCIMITAR GT - V6 MODEL - COUPE | 1966-75 | GS6-2200 | GS6-2201 |
| A/S | | GP4-2202 | GP4-2203 |
| SCIMITAR GTE, GTC, 5A | 1968- | GS6-2200 | GS6-2314 |
| **RENAULT** | | | |
| CLIO - ALL MODELS (excl 16V) | 1990-98 | GAZ 3005 | GT6-2204 |
| CLIO 16V | 91/98 | GAZ 4005 | GT6-2205 |
| R5 - ALL MODELS (excl ALPINE/TURBO) | 1972-84 | GT7-2206 | GT7-2207 |
| R5 - ALPINE/TURBO (TYPE R1223) | 1976-83 | GT6-2208 | GT7-2207 |
| R5 - MID ENGINE TURBO (TYPE R8220) | 1980-85 | GP7-2209 | GP7-2210 |
| R5 - SUPER GT TURBO (TYPE C405 - PHASE I) | 1985-6/87 | GAZ 1005 | GT7-2211 |
| R5 - SUPER GT TURBO PHASE II (TYPE C405) | 7/1987-90 | GAZ 2005 | GT7-2211 |
| A/S | 1995- | GAZ 2005 A/S | - |
| MEGANE/COUPE | 1995- | - | - |
| MEGANE | | - | GT5-2322 |
| MEGANE A/S | | GAZ 2332 | - |
| **ROVER GROUP** | | | |
| MG MIDGET MK II/IV (only if fitted with conversion kit) | 1964-75 | - | GT5-2217 |
| MG MIDGET MK V 1500CC MODELS (only if fitted with conversion kit) | 1975-79 | - | GT6-2218 |
| MG SPRITE MK I (only if fitted with conversion kit) | 1964 | - | GT6-2219 |
| MG SPRITE MK II/IV (only if fitted with conversion kit) | 1964-75 | - | GT6-2220 |
| MG SPRITE MK V - 1500CC MODELS (only if fitted with conversion kit) | 1975-79 | - | GT6-2218 |
| MGB/GT CHROME BUMPER MODELS (only if fitted with conversion kit)* | 1962-74 | GT5-2221 | GT5-2222 |
| MGB/GT RUBBER BUMPER MODELS (only if fitted with conversion kit)* | 1975-81 | GT5-2221 | GT5-2223 |
| MGB/GT ALL MODELS CONVERSION KIT± | 1962-81 | GCK-001 | GCK-002 |

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| | | | |
|---|---|---|---|
| MGC/GT (only if fitted with conversion kit) | 1967-69 | GT6-2224 | GT5-2222 |
| MGC/GT CONVERSION KIT (rear only) | 1967-69 | | GCK002 |
| MAESTRO/MONTEGO - ALL MODELS (excl ESTATE) | 3/1983-91 | - | GS5-2225 |
| METRO - ALL MODELS | 1980-90 | GT6-2178 | - |
| METRO CHALLENGE - REAR = TURRETED CARS ONLY | 1980-90 | GT6-2227 | GT6-2228 |
| METRO 'K' SERIES | 1991- | GTO-2024 | - |
| MINI METRO MIDAS REAR A/S | 1991- | - | GP4-1164 |
| MINI - NORMAL RIDE HEIGHT | 1959- | GTO-2021 | GTO-2022 |
| MINI - LOWERED RIDE HEIGHT | 1959- | GTO-2023 | GTO-2024 |
| MINI - LOWER RIDE HEIGHT ALUMINIUM | 1959- | GT0-2023AL | GT0-2024AL |
| MINI - 1.9" ID COIL SPRING CONVERSION | 1959- | GP1-2025 | GP1-2026 |
| MINI 1.9"ID COIL SPRING CONVERSION WITH LOWER SUSPENSION | 1959- | GP1-2027 | GP1-2028 |
| MINI VAN/ESTATE | 1959-78 | GTO-2021 | GTO-2029 |
| ROVER P4 SERIES, 60, 75, 80, 90, 95, 100, 105 | 1950-63 | GT2-2230 | GT2-2231 |
| SDI - 2000, 2300, 2400, 2600, 3500, VITESSE (excl NIVOMAT EQUIPMENT MOD) | 1977-87 | GAI 2335 | GT9-2232 |

*** Some cars may carry older telescopic conversion kits.**
**Relevant part numbers apply to Gaz replacement dampers only.**
**± Converts vehicle from original lever arm system to telescopic damper installation.**

| | | | |
|---|---|---|---|
| **SAAB** | | | |
| 90 - ALL MODELS | 1985-88 | GT5-2233 | GT5-2234 |
| 900 - ALL MODELS (incl TURBO, TURBO 16V) | 1978-93 | GT7-2235 | GT5-2234 |
| 93, 93B | 1956-59 | GT5-2236 | GT6-2237 |
| 95 ESTATE | 1960-77 | GT5-2236 | - |
| 95, 96, SONETT | 1960-79 | GT5-2236 | GT8-2238 |
| 99 SERIES I - ALL MODELS (incl TURBO) | 5/78-8/84 | GT7-2239 | GT9-2234 |
| **SEAT** | | | |
| IBIZA/CORDOBA | 8/93- | GAZ 8008 | GS3-2240 |
| A/S | | GAZ 8008A/S | GP5-2240 |
| **SKODA** | | | |
| 105S, S120L, 120LS, 120GLS | 1984-90 | GT6-2241 | GT6-2242 |
| 130 RAPID COUPE | 1983-90 | GT6-2241 | GT6-2242 |
| 130L | 1985-90 | GT6-2241 | GT6-2242 |
| OCTAVIA | 9/1997- | GAZ 4108 | GT6-2243 |
| **SUZUKI** | | | |
| SJ410, 27413 JIMMY 4X4 | 1981-87 | GT6-2244 | GT5-2245 |
| SJ413, SAMARI 4X4 | 1988-94 | GT6-2244 | - |
| **TALBOT** | | | |
| AVENGER - ALL MODELS incl ESTATE) | 1970-11/77 | - | GT7-2246 |
| SOLARA/ALPINE - ALL MODELS | 1979-86 | GT5-2247 | GT5-2248 |
| SUNBEAM - ALL MODELS incl LOTUS & TI) | 1979-81 | - | GT7-2246 |
| HILLMAN IMP - ALL MODELS | 1963-76 | GS1-2249 | GT7-2250 |
| | | GP6-2251 | - |
| HILLMAN IMP - WITH LOWER SUSPENSION | 1963-76 | GP6-2252 | GT7-2253 |
| **TOYOTA** | | | |
| LANDCRUISER - BJ, 42, 43, 45, FJ40, 42, 43, HJ45, 47 SERIES | 1979-85 | GT5-2254 | GT5-2254 |
| LANDCRUISER - BJ55, FJ55 SERIES | 1979-85 | GT5-2255 | GT6-2256 |
| LANDCRUISER - STATION WAGON WGG BJ60, FJ60, 62, HJ60, 61 SERIES | 1980-85 | GT6-2257 | GT6-2256 |
| LANDCRUISER - STATION WAGON WGG BJ60, GJ60, 62 HJ60, 61 SERIES | 1985-87 | GT6-2257 | - |
| LANDCRUISER AVN, WGV SERIES BJ60 FJ60, 61 SERIES | 1980-85 | - | GT6-2256 |

| | | | |
|---|---|---|---|
| LANDCRUISER - HJ61, 60 SERIES | 1987- | GT6-2258 | - |
| LANDCRUISER - VX | 1990- | GT7-2259 | GT7-2260 |
| MR2 | 1990-94 | GAI 2333 | - |
| **TRIUMPH** | | | |
| 1300, 1300TC | 1965-70 | GS4-2261 | GT5-2262 |
| 1500, 1500TC | 8/1970-3/76 | GS4-2263 | GT5-2264 |
| 2000, 2500 - ALL MODELS (incl ESTATE) | 1963-77 | - | GT4-2265 |
| DOLOMITE - ALL MODELS | 1972-80 | GS1-2266 | GSO-2264 |
| A/S | | GP6-2267 | GP6-2268 |
| GT6 MK I | 1966-68 | GSO-2269 | GT4-2270 |
| A/S | | GP4-2271 | - |
| GT6 MKII | 1968-73 | GSO-2269 | GT4-2273 |
| A/S | | GP4-2271 | - |
| GT6 MKIII | 1970-73 | GSO-2269 | GT4-2273 |
| A/S | | GP4-2271 | - |
| HERALD - ALL MODELS | 1959-71 | GSO-2269 | GT4-2270 |
| A/S | | GP4-2271 | - |
| SPITFIRE MKI/IV - ALL MODELS | 1962-80 | GSO-2269 | GT4-2270 |
| A/S | | GP4-2271 | - |
| STAG - ALL MODELS | 1970-77 | GAI 2334 | GT4-2113 |
| TR2, 3, 3A, 4 | 1952-65 | GT2-2272 | - |
| TR4A, 5, 6 | 1965-75 | GT2-2274 | GT5-2275 |
| TR4A, 5, 6 CONVERSION KIT | | - | GCK-003 |
| TR4A, 5, 6 SHOCK FOR KIT | | - | GT4-0031 |
| TR7, 8 - ALL MODELS | 1975-81 | GAI 1006 | GT4-2276 |
| TOLEDO - ALL MODELS | 8/1970-3/76 | GS4-2277 | GSO-2264 |
| VITESSE ALL MODELS | 1962-71 | GSO-2269 | GT4-2270 |
| A/S | | GP4-2271 | - |
| **TVR** | | | |
| 1600M, 2500M (2" ID SPRINGS) | 1972-77 | GP3-2278 | GP3-2278 |
| 1600M, 2500M (2.25" ID SPRINGS) | 1972-77 | GP5-2279 | GP5-2279 |
| 1600M, 2500M (2.5" ID SPRINGS) | 1972-77 | GP7-2280 | GP7-2280 |
| 1600M, 2500M (2.75" ID SPRINGS) | 1972-77 | GP6-2281 | GP6-2281 |
| 3000M, TAIMAR (2" ID SPRINGS) | 1972-79 | GP3-2278 | GP3-2278 |
| 3000M, TAIMAR (2.25" ID SPRINGS) | 1972-79 | GP5-2279 | GP5-2279 |
| 3000M, TAIMAR (2.5" ID SPRINGS) | 1972-79 | GP7-2280 | GP7-2280 |
| 3000M, TAIMAR (2.75" ID SPRINGS) | 1972-79 | GP6-2281 | GP6-2281 |
| GRANTURA 1800S | 1964-67 | GP5-2282 | GP5-2283 |
| GRANTURA MKIII | 1962-64 | GP5-2282 | GP5-2283 |
| GRIFFITH 200, 400, V8 (2" ID SPRINGS) | 1963-65 | GP3-2278 | GP3-2278 |
| GRIFFITH 200, 400 V8 (2.25" ID SPRINGS) | 1963-65 | GP5-2279 | GP5-2279 |
| GRIFFITH 200, 400 V8 (2.5" ID SPRINGS) | 1963-65 | GP7-2280 | GP7-2280 |
| GRIFFITH 200, 400 V8 (2.75" ID SPRINGS) | 1963-65 | GP6-2281 | GP6-2281 |
| GRIFFITH | 1989- | GP8-2284 | GP8-2285 |
| S, SE CONVERTIBLE | 1986- | GS8-2286 | GS7-2286 |
| TASMIN 280/1, 390/1, 420SE - ALL MODELS | 1980- | GT6-2288 | GS8-2289 |
| COIL OVER | | - | GP6-2290 |
| TASMIN 420 SEAC | 1987- | GP4-2291 | GS8-2289 |
| CHIMERA ALL MODELS | | GP8-2284 | GP8-2285 |
| **VAUXHALL** | | | |
| ASTRA MKI - ALL MODELS (excl ESTATES & GT) | 8/1979-9/84 | GAI 4007 | GT3-2292 |
| ASTRA MKI ESTATE - ALL MODELS | 8/1979-9/84 | GAI 4007 | GT6-2293 |
| ASTRA MKI GTE | 4/1983-9/84 | GAI 4007 | GT3-2292 |
| ASTRA MKII - ALL MODELS (excl ESTATE,GTE,16V,DIESEL) | 10/1984-8/91 | GAI 4007 | GT3-2292 |

# An extensive range of suspension solutions for yesterday, today and tomorrow!

| | | | |
|---|---|---|---|
| ASTRA MKII DIESEL | 10/1984-8/91 | GAI 4007 | GT3-2292 |
| ASTRA MKII ESTATE - ALL MODELS | 10/1984-8/91 | GAI 4007 | GT6-2293 |
| ASTRA MKII GTE 16V | 10/1984-8/91 | GAI 4007 | GT3-2292 |
| ASTRA MKIII - ALL MODELS (excl ESTATE) | 9/1991-2/98 | GAI 6007 | GT4-2294 |
| ASTRA GSI 16V | 9/1991-2/98 | GAI 6007 | GT4-2294 |
| ASTRA MAX DIESEL | 9/1991-2/98 | - | GT6-2295 |
| CALIBRA - ALL MODELS | 06/1990- | GAI 0107 | GT9-2296 |
| CAVALIER MKII - ALL EARLY MODELS (excl ESTATE) | 8/1981-8/84 | GAI 8007 | GT4-2294 |
| CAVALIER MKII - ALL LATE MODELS (excl ESTATE) | 9/1984-7/88 | GAI 9007 | GT4-2294 |
| CAVALIER MKII ESTATE - ALL EARLY MODELS | 9/1983-8/84 | GAI 8007 | GT6-2297 |
| CAVALIER MKII ESTATE - ALL LATE MODELS | 9/1984-7/88 | GAI 9007 | GT6-2297 |
| CAVALIER MKIII, SRI | 1989-95 | GAI 0107 | GT6-2294 |
| CAVALIER MKIII GSI 2WD | 1988/95 | GAI 0107 | GT6-2296 |
| CAVALIER MKIII GSI 4X4 | 1989-95 | GAI 0107 | GT6-2296 |
| CHEVETTE HATCHBACK - ALL MODELS (excl HS2300) | 1975-84 | GT5-2182 | GT6-2298 |
| CHEVETTE SALOON - ALL MODELS | 5/1976-84 | GT5-2182 | GT7-2183 |
| CHEVETTE VAN/ESTATE | 1975-84 | GT5-2182 | GT6-2298 |
| CORSA - 1.4, 1.6, GSI | 3/1993- | GAZ 1007 | GT3-2299 |
| CORSA - ALL MODELS SHORT | 9/1993- | - | GT5-2300 |
| NOVA - ALL MODELS (excl GTE) | 9/1982-2/93 | GAZ 1007 | GT3-2299 |
| NOVA GTE | 5/1988-2/93 | GAZ 1007 | GT3-2299 |
| NOVA - ALL MODELS SHORT | 9/1982-2/93 | - | GT5-2300 |
| | | | |
| **VOLKSWAGEN** | | | |
| BEETLE 1200 | 3/1953-7/65 | GT5-2301 | GT5-2301 |
| BEETLE 1200, 1300A, 1500A, KARMANN GHIA ALL MODELS SWING AXLE | 8/1965-79 | GT6-2302 | GT5-2303 |
| BEETLE 1300A, 1500A KARMANN GHIA ALL MODELS DUAL JOINT AXLE | 5/1967-79 | GT6-2302 | GT5-2303 |
| BEETLE 1302,, 1302S, 1302LS, 1303 | 8/1970-7/73 | GAI 1008 | GT5-2303 |
| | | | |
| BEETLE 1303 - EARLY MODELS | 8/1973-4/75 | GAI 1008 | GT5-2303 |
| BEETLE 1303 - LATE MODELS | 5/1975-79 | GAI 2008 | GT5-2303 |
| NEW BEETLE | 1998- | GAZ 4108 | GT6-2243 |
| GOLF MKI - ALL MODELS & CABRIOLET | 1976-8/83 | GAI 4008 | GS6-2304 |
| GOLF MKI CABRIOLET - ALL MODELS | 4/1979-92 | GAI 4008 | GS6-2304 |
| GOLF MKI GTI | 1976-8/83 | GAI 4008 | GS6-2304 |
| GOLF MKII - ALL MODELS (excl GTI, 16V & SYNCRO 4X4) | 9/1983-92 | GAI 6008 | GS2-2305 |
| GOLF MKII GTI - 16V | 2/1986-92 | GAZ 8008 | GS2-2305 |
| GOLF MKII & III | 1990-92 | GAZ 8008 | GS2-2305 |
| A/S | | GAZ 8008A/S | GP7-2305 |
| GOLF MKIV | 9/1996- | GAZ 4108 | GT6-2006 |
| POLO MKII & III | 8/1976-7/94 | GAI 0108 | GS6-2306 |
| POLO MK IV | 9/1994- | GAZ 8008 | GS2-2305 |
| A/S | | GAZ 8008A/S | GP5-2316 |
| | | | |
| **WESTFIELD** | | | |
| SE/SEI | 1980- | GP2-2311 | GP3-2312 |
| WIDE BODY | 1993- | GP2-2311 | GP3-2311 |

**An extensive range of suspension solutions for yesterday, today and tomorrow!**

# GAZ ADJUSTABLE SUSPENSION KITS

**GFR** = Fixed spring seat, adjustable damping with uprated springs to lower from 25-40mm.
**GHA** = Adjustable height, adjustable damping with 2.25 inch/57 mm internal diameter race coil springs to lower from 30-60mm.

**N.B.** On some GHA rear applications a separate spring and damper installation is required and is not height adjustable.

| | | GFR | GHA |
|---|---|---|---|
| **AUDI** | | | |
| A3 | 1996+ | GFR243B | GHA320G |
| **BMW** | | | |
| 3 SERIES E36 TYPE 316, 318, 318IS | 1992+ | GFR201B | GHA301H |
| 3 SERIES E36 TYPE 320I, 325, 325I | 1992-95 | GFR202B | GHA302H |
| 3 SERIES E36 TYPE COMPACT | 1994+ | GFR203B | GHA303H |
| 3 SERIES E36 TYPE 320, 325, 325I | 1995+ | GFR204B | GHA304H |
| MINI COOPER | 2001+ | | GHA312H |
| | APR 2002+ | | GHA325H |
| **CITROEN** | | | |
| SAXO | 1996+ | GFR230A | - |
| **FORD** | | | |
| FIESTA MK III 1.4 & 1.6 | 1989-94 | GFR221B | GHA311E |
| FIESTA MK III XR2I, RS1800, RS TURBO | 1992-94 | GFR222B | GHA311E |
| FIESTA MK IV PETROL | 1995-99 | GFR223B | GHA311E |
| ESCORT MK III & IV CABRIOLET | 1983-90 | GFR225B | GHA312G |
| ESCORT MK III & IV XR3I, RS1600I | 1983-90 | GFR226B | GHA312G |
| ESCORT MK III & IV RS TURBO | 1983-90 | GFR227B | GHA312G |
| ESCORT MK V 1.4, 1.6, 1.6I | 1990+ | GFR228B | GHA314F |
| ESCORT MK V XR3I, 1.8I, RS2000 | 1990+ | GFR229B | GHA315F |
| FOCUS | 1998+ | GFR241B | GHA317G |
| KA | 1998+ | GFR242B | GHA318H |
| SIERRA RS COSWORTH 2WD | 1986-93 | - | GHA326G |
| SIERRA RS COSWORTH 4X4 | 1989-93 | - | GHA322G |
| ESCORT COSWORTH 4X4 | 1992-96 | - | GHA322G |
| **HONDA** | | | |
| CIVIC | 1995+ | - | GHA305G |
| **LOTUS** | | | |
| ELISE MK I | 1996+ | - | GHA316E |
| ELISE MKII | 2001+ | - | GHA319E |
| **MAZDA** | | | |
| MX5 | 1989-1998 | - | GHA323C |
| MX5 | 2001+ | - | GHA324C |
| **PEUGEOT** | | | |
| 106 ALL MODELS | 1991+ | GFR231A | - |
| 306 1.9 16 VALVE, SI/SI16 | 1993 | GFR232A | GHA323G |
| 205 ALL MODELS | 1984-1994 | GFR233A | GHA306D |
| **RENAULT** | | | |
| CLIO ALL MODELS (EXCL 16V) | 1990+ | GFR234A | GHA307C |
| CLIO 16 VALVE | 1990+ | GFR235A | GHA308C |
| R5 GT TURBO PHASE II | 1987-90 | GFR236A | GHA309C |
| **SUBARU** | | | |
| IMPREZA | 1993+ | - | GHA324J |
| **VAUXHALL** | | | |
| NOVA ALL MODELS | 1983-93 | GFR237B | GHA310D |
| CORSA ALL MODELS | 1993+ | GFR237B | GHA310D |
| **VOLKSWAGEN** | | | |
| GOLF MK II & III ALL MODELS | 1983-98 | GFR238B | GHA311G |
| GOLF MK1V | 1998+ | GFR243B | GHA320G |
| POLO MK II & III | 1975-94 | GFR239B | GHA312G |
| POLO MK IV | 1994-99 | GFR240B | GHA313G |


**Gaz Shocks Tel: 01268 724585 Fax: 01268 724536 E-mail: gazzengltd@aol.com**

# GAZ COIL OVER SHOCK ABSORBERS

All open and closed dimensions are metal to metal and are fitted with a 1" bumpstop. This therefore increases the closed length and reduces the stroke length by 1". All units are fully dyno tested before despatch.

## 1 3/4" DIAMETER BODIES WITH 12mm RODS AND BONDED BUSHES

| PART NO. | OPEN LTH | CLOSED LTH | STROKE | CHROME LTH | BODY LTH | PRICE CODE |
|---|---|---|---|---|---|---|
| 090/070B12 | 9" | 7" | 2" | 3" | 4 1/4" | A |
| 100/075B12 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 3/4" | A |
| 110/080B12 | 11" | 8" | 3" | 4" | 5 1/4" | A |
| 120/085B12 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 3/4" | A |
| 130/090B12 | 13" | 9" | 4" | 5" | 6 1/4" | A |
| 140/095B12 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 3/4" | A |
| 150/100B12 | 15" | 10" | 5" | 6" | 7 1/4" | A |
| 160/105B12 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 3/4" | A |
| 170/100B12 | 17" | 11" | 6" | 7" | 8 1/4" | A |
| 180/115B12 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 3/4" | A |
| 190/120B12 | 19" | 12" | 7" | 8" | 9 1/4" | A |
| 200/125B12 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 3/4" | A |

## 1 3/4" DIAMETER BODIES WITH 12mm RODS AND BEARINGS

| | | | | | | |
|---|---|---|---|---|---|---|
| 090/070R12 | 9" | 7" | 2" | 3" | 4 1/4" | B |
| 100/075R12 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 3/4" | B |
| 110/080R12 | 11" | 8" | 3" | 4" | 5 1/4" | B |
| 120/085R12 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 3/4" | B |
| 130/090R12 | 13" | 9" | 4" | 5" | 6 1/4" | B |
| 140/095R12 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 3/4" | B |
| 150/100R12 | 15" | 10" | 5" | 6" | 7 1/4" | B |
| 160/105R12 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 3/4" | B |
| 170/110R12 | 17" | 11" | 6" | 7" | 8 1/4" | B |
| 180/115R12 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 3/4" | B |
| 190/120R12 | 19" | 12" | 7" | 8" | 9 1/4" | B |
| 200/125R12 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 3/4" | B |

## 2" DIAMETER BODIES WITH 12mm RODS AND BONDED BUSHES

| | | | | | | |
|---|---|---|---|---|---|---|
| 090/070B12-2 | 9" | 7" | 2" | 3" | 4 1/4" | C |
| 100/075B12-2 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 3/4" | C |
| 110/080B12-2 | 11" | 8" | 3" | 4" | 5 1/4" | C |
| 120/085B12-2 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 3/4" | C |
| 130/090B12-2 | 13" | 9" | 4" | 5" | 6 1/4" | C |
| 140/095B12-2 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 3/4" | C |
| 150/100B12-2 | 15" | 10" | 5" | 6" | 7 1/4" | C |
| 160/105B12-2 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 3/4" | C |
| 170/110B12-2 | 17" | 11" | 6" | 7" | 8 1/4" | C |
| 180/115B12-2 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 3/4" | C |
| 190/120B12-2 | 19" | 12" | 7" | 8" | 9 1/4" | C |
| 200/125B12-2 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 3/4" | C |

# GAZ COIL OVER SHOCK ABSORBERS

All open and closed dimensions are metal to metal and are fitted with a 1" bumpstop. This therefore increases the closed length and reduces the stroke length by 1". All units are fully dyno tested before despatch.

## 2" DIAMETER BODIES WITH 12mm RODS AND BEARINGS

| PART NO. | OPEN LTH | CLOSED LTH | STROKE | CHROME LTH | BODY LTH | PRICE CODE |
|---|---|---|---|---|---|---|
| 090/070R12-2 | 9" | 7" | 2" | 3" | 4 1/4" | D |
| 100/075R12-2 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 3/4" | D |
| 110/080R12-2 | 11" | 8" | 3" | 4" | 5 1/4" | D |
| 120/085R12-2 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 3/4" | D |
| 130/090R12-2 | 13" | 9" | 42 | 5" | 6 1/4" | D |
| 140/095R12-2 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 3/4" | D |
| 150/100R12-2 | 15" | 10" | 5" | 6" | 7 1/4" | D |
| 160/105R12-2 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 3/4" | D |
| 170/110R12-2 | 17" | 11" | 6" | 7" | 8 1/4" | D |
| 180/115R12-2 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 3/4" | D |
| 190/120R12-2 | 19" | 12" | 7" | 8" | 9 1/4" | D |
| 200/125R12-2 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 3/4" | D |

## 2" DIAMETER BODIES WITH 16mm RODS AND BONDED BUSHES

| | | | | | | |
|---|---|---|---|---|---|---|
| 090/070B16 | 9" | 7" | 2" | 3" | 3 5/8" | E |
| 100/075B16 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 1/8" | E |
| 110/080B16 | 11" | 8" | 3" | 4" | 4 5/8" | E |
| 120/085B16 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 1/8" | E |
| 130/090B16 | 13" | 9" | 4" | 5" | 5 5/8" | E |
| 140/095B16 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 1/8" | E |
| 150/100B16 | 15" | 10" | 5" | 6" | 6 5/8" | E |
| 160/105B16 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 1/8" | E |
| 170/110B16 | 17" | 11" | 6" | 7" | 7 5/8" | E |
| 180/115B16 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 1/8" | E |
| 190/120B16 | 19" | 12" | 7" | 8" | 8 5/8" | E |
| 200/125B16 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 1/8" | E |

## 2" DIAMETER BODIES WITH 16mm RODS AND BEARING

| | | | | | | |
|---|---|---|---|---|---|---|
| 090/070R16 | 9" | 7" | 2" | 3" | 3 5/8" | F |
| 100/075R16 | 10" | 7 1/2" | 2 1/2" | 3 1/2" | 4 1/8" | F |
| 110/080R16 | 11" | 8" | 3" | 4" | 4 5/8" | F |
| 120/085R16 | 12" | 8 1/2" | 3 1/2" | 4 1/2" | 5 1/8" | F |
| 130/090R16 | 13" | 9" | 4" | 5" | 5 5/8" | F |
| 140/095R16 | 14" | 9 1/2" | 4 1/2" | 5 1/2" | 6 1/8" | F |
| 150/100R16 | 15" | 10" | 5" | 6" | 6 5/8" | F |
| 160/105R16 | 16" | 10 1/2" | 5 1/2" | 6 1/2" | 7 1/8" | F |
| 170/110R16 | 17" | 11" | 6" | 7" | 7 5/8" | F |
| 180/115R16 | 18" | 11 1/2" | 6 1/2" | 7 1/2" | 8 1/8" | F |
| 190/120R16 | 19" | 12" | 7" | 8" | 8 5/8" | F |
| 200/125R16 | 20" | 12 1/2" | 7 1/2" | 8 1/2" | 9 1/8" | F |

## General information regarding the fitment of shock absorbers, suspension struts and lowering kits.

Replacing shock absorbers on any vehicle requires mechanical automotive experience. Under no circumstances should any tool be used to grip the piston rod. This will inevitably produce damage to the smooth surface of the piston rod and torn chamber seals, resulting in fluid loss and an unserviceable unit. Please take time to examine other suspension components during fitment and renew any worn items with suitable replacements.

**Suitability**

Be sure to check that the parts you are supplied are suitable for the vehicle for which they are intended. We cannot replace any items that have been correctly supplied to the information that we have been given after they have been fitted.

**Springs**

Please ensure that springs are fitted correctly and not inverted. If you are unable to determine the correct fitting position for your vehicle please refer to your workshop manual or seek guidance from a qualified person.

**Brake bias adjustment**

Some vehicles that are fitted with a brake bias system may require resetting or adjustment after installation of your new shock absorbers and springs.

**Mechanical ABS sensor adjustment**

Some vehicles that are fitted with mechanical ABS sensors may require resetting or adjustment after installation of your new shock absorbers and springs.

**Steering geometry**

Unless Gaz Shocks specify alternative measurements, please use the settings detailed by the manufacturer of the vehicle.

**Lowering measurements**

The reduction in ride height quoted in our catalogue is approximate and can be affected by many factors that are outside the control of Gaz Shocks. Please ensure that your car has not been subject to any other conversion that may continue to influence it's ride height after installation and impair the performance of our product.

N.B With some Mercedes models, worn spacers between the coil spring and spring pan may result in excessive lowering. Replacement spacers are readily available from Mercedes Benz spares stockists and should effectively remedy this problem.

**Problems associated with excessive lowering**

Gaz Shocks recommend that no vehicle is lowered more than 60mm. We will not accept any claim for damage or excessive wear to any component or area of a vehicle however caused.

Vehicles that have had their ride height reduced in excess of 40mm often benefit from having their steering geometry reset to the data detailed by the manufacturer of the vehicle to promote even tyre wear. In some extreme cases even this course of action will not remedy the situation and Gaz Shocks cannot be held responsible for any excessive tyre wear however caused.

**After market wheels & tyres**

Please ensure that the wheels and tyres fitted to the vehicle will allow enough clearance from the bodywork after installation of the lowering kit. Gaz Shocks are not responsible for any damage to tyres or bodywork caused by friction during contact.

## Gaz shocks warranty

Your Gaz Shock is covered by a three year warranty, effective from the date that the shock was purchased. In the unlikely event of a claim under the warranty, the Company will require evidence of purchase. It is a requirement of the Gaz warranty agreement that any faulty unit must be returned to the dealer from whom it was purchased. The dealer will then forward it to the Gaz Quality Department who will assess any relevant claim. The Company will, at its discretion, repair or replace shocks which are part of a valid claim. This warranty will not be valid if there is evidence of incorrect installation or signs that the unit has been tampered with. Units should be returned to the Quality Manager, at the address shown below. A note giving details of the failure and the conditions prevailing at the time should accompany the unit. Receipt of the unit will be acknowledged and the Company will endeavour to respond within 10 working days. This warranty does not apply if the shock has been used for competition purposes. Gaz Shocks are dedicated to producing Shock Absorbers and Struts that satisfy the exacting requirements of our customers. As part of our Quality System, we are committed to a quality improvement programme and we regard the feedback of our customers as an essential part of this process.

WARNING Do not over-tighten base control in either direction, as this will result in locking the adjustment on the complete assembly.

Any comments or observations that you have should be sent to:
The Quality Manager, Gaz Shocks Ltd, Rayridge House, Swinborne Road, Burnt Mills Industrial Estate, Basildon, Essex. SS13 1EH