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KW automotive at the 88th Auto-Salon Geneva from March 8th - 18th, 2018, Booth 2042 Hall 2

Press release

The perfect suspension for every demand: KW automotive at the Geneva International Motor Show

Fichtenberg (Germany), February 21th, 2018 - In addition to the new official customer motorsport Mercedes-AMG GT, the suspension manufacturer, KW automotive, presents numerous suspension innovations for the road and racing sport at the Geneva Motor Show (hall 2, stand 2042). This exhibition is one of the most important international calendar events for the suspension manufacturer. Over the past 20 years, KW automotive has become an important partner for the automotive industry and increasingly develops suspension applications for sports cars, super sports cars, and racing cars, which are used by many automobile manufacturers. KW also expands its delivery range for the tuner market with its brand ST suspensions, which has gained a significantly greater market reach. Find out more at www.kwsuspensions.net

KW Variant 4 - the quadrature of driving dynamics has succeeded

With its three-way high-performance dampers, the KW Variant 4 coilover suspension is the ideal performance upgrade for the Audi RS6 Avant and Audi RS6 Avant Performance. The new suspension combines the advantages of the damper technology developed for motorsport with a significant increase in cornering stability, roll tendency, and ride comfort. Besides a continuous lowering, the coilover kit with its separate 3-way damper force adjustment gives an even more precise steering behavior. The pre-configured performance adjustment of the Variant 4 can be adjusted intuitively to a more comfort-oriented setup for the road. The adjustment is independently possible in rebound damping as well as low speed and high speed compression damping. The Variant 4 suspension kit will be available soon for further models in the sports cars and the super sports cars segment.

KW Classic suspensions: Modern suspension technology for classic cars and young classics

KW, the renowned suspension manufacturer, offers the right suspension for every demand for a number of classic cars and old classics. In addition to suspensions for historic motorsport the KW delivery range also includes Clubsport applications for regular trackdays with semi-slick tires and suspensions for the road depending on the classic car. The different suspensions are made of aluminum, stainless steel, or steel, depending on the vehicle-specific application. Depending on the application, the high-performance dampers used feature different valve technologies for an independent adjustment of the compression and rebound damping or via the forged steering knuckles at BMW and Porsche models (BMW E30, Porsche 911 G-model). This makes the installation easier and saves on cost. Besides that, the suspensions offer the possibility of an individual lowering and come with a technical component report.

Lowering for Sport Utility Vehicles (SUV)

SUVs are very popular, there is an ongoing boom and more and more people are deciding buy a new off-road vehicle or SUV. Accordingly, in the aftermarket there is also an increased demand for accessories for SUV and Co. The suspension manufacturer KW automotive takes account of this development and offers suspension components for numerous SUVs and off-road vehicles. In addition to dampers and height-adjustable spring sets, we also offer more and more coilover kits for off-road vehicles and SUVs. For example, KW presents its adaptive DDC plug&play coilovers for the Seat Ateca in Geneva as well as coilover springs for the Audi SQ5 and other SUVs.



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Introducing the new four-way-dampers and TCR-/GT4 suspensions for motorsport

The KW Competition racing dampers and suspensions are available in numerous variants and are used in the official customer motorsport by various car manufacturers such as BMW, KIA, Mercedes, Opel, Porsche, and others. In Geneva, KW displays its dampers for the GT4 and TCR regulations and the KW Competition TTRSPW4A twin-tube dampers. With its precise 4-way damper adjustment with 18 clicks each for low speed and high speed compression damping as well as rebound damping, the damper is suitable for any kind of non-wheel-guiding axle constructions such as double wishbone or pushrod suspensions for GT3, LMP and formula vehicles because of its construction-independent application possibilities.

Adaptive KW DDC coilovers for BMW M3, Ford Focus RS, Seat Ateca and VW T6

Adaptive damping systems and coilovers are playing an increasingly important role in the aftermarket and tuning industry. Since 2011, the suspension manufacturer has offered electronically controlled coilovers that are compatible with different control systems of the automotive industry. The big advantage: just like in series, the adaptive KW DDC plug&play coilovers readout the series sensors and adapt to the respective driving situation within hundredths of a second. The driver can also still switch between the modes "Comfort", "Sport" and "Sport Plus" via the serial button from the cockpit. If there are no electronic dampers from factory available for some vehicles, KW offers the possibility to retrofit an adaptive coilover kit including the optional control via smartphone app with its DDC ECU coilovers.

ST suspensions also present in Geneva

ST suspensions, a brand of the KW automotive group, also offers numerous suspension components for many popular used cars in addition to its developments for current vehicles. For example, ST suspensions has developed coilover suspensions for the Subaru Impreza (type GC/GF, GFC, GD/GG, GGS) that has been offered since 1992. Besides that, ST also offers suspensions for the Hyundai Tucson and as one of the first manufacturers in Europe, sport springs for the Alfa Romeo Giulia Quadrifoglio. Since its internationalization by the KW automotive group, the suspension brand, which was founded in the USA in the seventies, has achieved a very high market penetration.

Publication freely / Copy requested

About KW automotive:

KW automotive is market leader and innovator of individual suspension solutions for the street and racing applications. Sporty drivers rely on KW coilover kits with its four damping variants, as well as on the Nürburgring Nordschleife tested KW Clubsport coilover kits, which are street legal and have a technical component report. Worldwide successful racing teams rely on the patented valve technology of KW Competition, the six-time overall winner of the 24-hour-race Nürburgring, winner of the ADAC GT Masters and the 24-hour race of Dubai 2017. With its large portfolio of suspension kits, modern production technology, development- and test center, KW has been succeeding for more than 20 years in markets around the world. www.kwsuspensions.net

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