

Press Release

KW Classic Suspension: "Raab Variant 3 Coilover Suspension made by KW" Modern ride quality and driving dynamics for all BMW 6-series (E24)

Fichtenberg (Germany), August 27th, 2019 – KW automotive, the suspension manufacturer, is increasing its offer of adjustable coilover suspension kits for vintage cars. Together with Raab Classics, a German specialist in vintage BMW and certificated KW suspensions dealer, KW has developed a coilover kit for the sporty and legendary BMW 6-series Coupé's (E24). The Raab Classic suspension is separately adjustable in compression and rebound forces. The valve spring rates, valve bypasses, and suspension springs are tailor-made special for modern tires. With the new suspension the typical tendency of the old 6-series to oversteer is minimized. Thanks to the modern multi-valve damper technology the legendary "Sharknose Coupé" rides even on small country roads with bad tarmac harmoniously and prevents bumpy driving behavior. The range of the approved lowering is from 45 to 60 millimeter at the front axle and 40 to 60 millimeter on the driving axle. For further information please visit www.kwsuspensions.net

Until a few years ago, the classic BMW 6-series Coupé's (E24) were only a collector's car item for a small circle of BMW car enthusiasts. The BMW E24 with its M30 and M88 straight six-cylinder engines and timeless body design has become a popular modern vintage car in the last three or five years ago. Depending on engine type and technical condition of the chassis and patina, the BMW E24s manufactured from 1975 to 1989 (1975 - 1982; 1st Facelift 1982 - 1987; 2nd Facelift 1987 - 1989) with their pointed front apron and twin headlamps are traded for top prices of over 60,000 euros. "Many E24 drivers aren't happy with the driving dynamics of their often called 'Sharknose BMW'", says KW Product Manager Johannes Wacker. "Even the last model years of the E24 were no longer considered contemporary by the car media in terms of driving dynamics. Since our KW dealer Raab Classics had so many requests for a modern chassis for the E24, we developed a classic chassis for all E24 models".

Modern damper technology for sheer state of the art driving pleasure

Lovers of classic and vintage cars are often faced with the challenge that current tire compounds and tire carcass structure hardly harmonize with the old production suspension of their classic car. It is becoming increasingly difficult for sporty vehicles from the late seventies or eighties to find tires with the technology standard of that time. In conjunction with the modern "Raab Variant 3 coilover suspension made by KW", all BMW E24s benefit from increased driving dynamics without having to forego modern driving comfort. Even with larger rims, the wheels remain on the road even on poorly constructed cross-country roads, and when cornering quickly, the old BMW reacts more neutrally and stable. The typical tendency of the old 6-series to oversteer starts much later and is easier to control thanks to the modern KW coilover suspension.

When ordering the "Raab coilover Variant 3 suspension kit made by KW", the original steel galvanized BMW E24 suspension struts must be sent to KW automotive, the suspension manufacturer, for processing. At KW, the technicians process the BMW suspension struts with threaded tubes and dampers. The machined front axle components are then tempered several times. The shock tubes on the drive axle are made of stainless steel. "Our classic applications for the BMW E30 and also the Porsche 911 F and G models, we received a great reception from the industry and above all from the countless classic car owners who have already switched to our modern suspension," explains KW Product Manager Johannes Wacker. This is mainly due to the KW multi-valve technology used in the dampers with preconfigured high-speed valves and adjustable low-speed valves for the compression and rebound forces. The factory preconfigured high-speed valves enable harmonious suspension travel even with a stiff adjusted damper setup. These high-speed valves open in a flash. The Coupé does not get bumpy on motorway bridges with transverse joints and remains safely controllable at the limits of driving dynamics in daily life. The adjustable dampers make it possible to adjust the already preset and recommended suspension setup for the BMW 6-series for everyday use. With 16 clicks, the low-speed valve can be reduced or enlarged to precisely adjust the damping with every click. If the rebound valve is opened, driving comfort increases. If it is closed, the pitch and roll movements of the body structure are significantly reduced, and handling becomes even more dynamic.

KW automotive GmbH
Aspachweg 14
74427 Fichtenberg

Telefon: +49 7971 9630 - 0
Telefax: +49 7971 96 30 - 191
info@KWautomotive.de
www.KWautomotive.de

Geschäftsführer:
Klaus Wohlfarth, Jürgen Wohlfarth
Handelsregister-Nr.: 571255
Amtsgericht Stuttgart
USt-IdNr.: DE 812 382 653

KW automotive

In addition, the adjustable low-speed compression stage can be closed or opened with twelve clicks to further influence the steering behavior and grip level of the tires. The approved range of the stepless lowering is 45 - 60 millimeters at the front axle and 40 - 60 millimeters at the rear axle. For further information, prices, and times of delivery please visit www.kwsuspensions.net

Publication freely / Copy requested

About KW automotive:

Part of the company group KW automotive GmbH besides KW suspensions are also the brands ST suspensions, LSD Doors and RaceRoom. KW suspensions is market leader and innovator of individual suspension solutions for the street and racing applications. Sporty drivers rely on KW coilover kits with its five 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 suspensions, the seven-time overall winner of the 24-hour Race Nürburgring (2002, 2006, 2007, 2008, 2009, 2011, 2018) winner of the 24-hour Race Dubai 2017, ADAC GT Masters 2018, ADAC TCR Germany 2018, and the Bathurst 12-hour Race 2019. 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. World-wide, the company group has more than seven international subsidiaries in the most important markets like China, Japan, Switzerland, Taiwan and the US. www.kwsuspensions.net

Press Contact:

Christian Schmidt * E-Mail: Christian.Schmidt@kwautomotive.de * Tel. +49.79.71.9630-547
KW automotive GmbH * Aspachweg 14 * 74427 Fichtenberg * Web: www.kwautomotive.de
Facebook: www.facebook.com/KWsuspensionsDE und www.facebook.com/KWsuspensionsINT
Twitter: <https://twitter.com/KWautomotive> KW Blog: <http://blog-de.kwautomotive.net/>

MARKEN DER KW AUTOMOTIVE GMBH



Sparkasse Schwäbisch Hall | IBAN: DE80 6225 0030 0006 4025 23 | SWIFT: SOLADES1SHA
Kreissparkasse Waiblingen | IBAN: DE26 6025 0010 0000 6886 80 | SWIFT: SOLADES1WBN
VR Bank Schwäbisch Hall | IBAN: DE03 6229 0110 0675 5500 09 | SWIFT: GENODES1SHA

Volksbank Stuttgart eG | IBAN: DE06 6009 0100 1189 0930 06 | SWIFT: VOBAD655
Volksbank Backnang | IBAN: DE37 6029 1120 0101 7880 02 | SWIFT: GENODES1VBN
Raiffeisen Landesbank Oberösterreich | IBAN: DE21 7402 0100 0008 9012 90 | SWIFT: RZ00DE77