



Press Release

Now available: KW Variant 3 Coilover Suspension for latest Toyota GR Supra

Fichtenberg (Germany), July 24th, 2019 – KW automotive, the suspension manufacturer, has already developed the first in the market full adjustable coilover suspension kit for the latest Toyota GR Supra (JTSC). With the KW Variant 3 coilover suspension, the Japanese sports car dynamics of lateral motion will improve without sacrificing tire comfort in daily life. On undulating asphalt surfaces, the KW suspension dampens harmoniously and prevents bumpy driving behavior. The pitch and roll movements of the bodywork are noticeably reduced. Thanks to the KW multi-valve damper technology the separate adjustment of compression (16 clicks) and rebound (12 clicks) settings the driving dynamics of the new Supra is improved. The stepless and approved lowering is 40 millimeters. For further information please visit www.kwsuspensions.net

With a weight distribution of almost 50:50, rear-wheel drive and a turbocharged 340 hp three-liter six-cylinder in-line engine, the new Toyota GR Supra (JTSC) is a worthy successor of the legendary Toyota Supra Mk4. The long wait for fans of Japanese sports cars is now over and the Coupé is a blast. So, as soon as the sporty Toyota is available, the suspension manufacturer KW automotive already offers a coilover suspension kit. "Despite the low center of gravity of the GR Supra", says KW product manager Johannes Wacker, "our KW Variant 3 Coilover allows a stepless lowering of 15 - 35 millimeters on the front axle and 20 - 40 millimeters on the drive axle".

Intelligent multi-valve technology for sporty driving pleasure in everyday life

The KW Coilover suspensions provide a significant performance gain and are appreciated by car enthusiasts worldwide. "This is mainly due to our multi-valve technology used in the dampers with preconfigured high-speed valves and adjustable low-speed valves for the compression and rebound forces," says KW Product Manager Johannes Wacker. "This enables us to achieve driving behavior as tight as necessary and as comfortable as possible." This damper technology is based on KW motorsport developments. For example, at the Nurburgring 2019 24-hour race, the Toyota Supra Gazoo Racing Team also used KW motorsport suspension with separately adjustable compression and rebound dampers. 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 even at maximum lowering and fast driving over transverse joints or bumps. 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 Toyota GR Supra further for a personal driving experience for everyday use. With 16 clicks, the cross-section in 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. "Simply put, the task of the rebound stage is to connect the body to the road, while the compression stage influences the compression and supports the chassis," explains KW Product Manager Johannes Wacker. In addition, the adjustable low-speed pressure stage can be closed or opened with twelve clicks to further influence the steering behavior and grip level of the tires. For further information, prices, and times of delivery please visit www.kwsuspensions.net

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About KW automotive:

Part of the company group KW automotive GmbH are besides KW suspensions 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

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