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SUSPENSION TECHNOLOGY

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Eibach
SPRINGS

OFFICIAL SPRINGS PARTNER



THE WILL TO WIN

It's much more than a slogan.

It's our - and, we suspect, your - way of life. It's the drive in all of us that makes us work better, stay up later and drive harder. It's what compels us to do our best today - and to do even better tomorrow. It's what makes us build the world's best springs, dampers, coil-overs, anti-roll bars and other suspension components.

And what makes the world's best tuners, drivers and racing teams, from the demanding engineers of Formula 1 to the wizards of WRC, DTM and NASCAR, to the numerous obsessed amateurs of racing, insist on Eibach quality, service and technology?

It's why every Eibach product is more than just a standardised part. It is a symbol for what drives us: the evidently irresistible power of

The Will To Win.

The Product Philosophy

“The Will to Win” is a good way of describing our product philosophy. The main aspect of Eibach Suspension Components is a noticeable improvement of the driving characteristics - the basis for being a winner - brought to you directly from motorsports.

The enhanced sporty look on your vehicle with our high-performance products is only of secondary importance. This is where we stand out from other companies: we only lower the vehicle's centre of gravity as far as it is technically practical. You will not find extreme tuning here: at Eibach, performance and handling - therefore the joy of driving - are the priorities.

All the products are developed, manufactured and tested by ourselves. This is the only way to 100% fulfil the high demands set by both, you the customer, and our team.

Performance for Motorsports and Street Performance

For years, our clientele has included almost all the teams from the worlds of Formula 1, DTM, WRC, NASCAR and the World Touring Car Championship.

There are almost no race series at either national or international level where the teams and drivers are not aware and familiar with Eibach Racing Sport products and their high standards.

We develop, test and produce for the greatest tuners - globally. We rely on an active exchange of information with our clients and manufacture to their special wishes and specifications. We are a reliable partner to the automotive industry. Special series, special developments, sporty accessories - we supply products in original equipment quality and ensure “top performance ex works”.

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EIBACH WORLDWIDE

The Company

Over 60 years have gone by since Heinrich Eibach, father and grandfather of today's owners Wilfried, Ralph and Swantje Eibach, laid the foundation stone for an internationally renowned group of companies.

We look after clients over 80 countries. With around 400 employees, we develop, produce and market our products via our own subsidiaries in Germany, the USA, China, England, Japan, Australia and South Africa.

Quality should not be a Coincidence

Our Quality Management System has constantly grown in line with the increasing requirements of the market. This means that Eibach, by constantly ensuring its production quality, has earned a multitude of manufacturing certifications specific to clients and the industry.

However, our QM System is confirmed not only by means of certifications such as the ISO | TS 16949: it is particularly expressed daily by our company- and quality philosophy.

EIBACH IN MOTORSPORTS

For years, our clientele has included almost all the teams from the worlds of Formula 1, the DTM, WRC, NASCAR and the WTCC. There are almost no race series at either national or international level

where the teams and drivers are not aware and familiar with Eibach Racing Sport products and their high standards.



APPEARANCE | The Look that Really Performs

A big part of suspension performance is the appearance that comes with it. The lower, more muscular, more athletic stance – makes any vehicle stand out from the rest of the pack.

Use the before and after guide below and the performance chart on the next page to determine which Eibach suspension kit fits your level of style and performance best.

Before | Stock

The OEM's design their suspension to appeal to the masses. They leave lots of room for improvements

in handling, responsiveness and “get-rid-of-the-fender-gap” appearance that every enthusiast wants.



After | with Pro-Kit

You will instantly notice the significant improvement in handling, braking and responsiveness. The icing-on-the-cake is the “no-more-fender-gap” appearance

and improved fuel economy. Who says you can't have your cake and eat it too? Hungry?



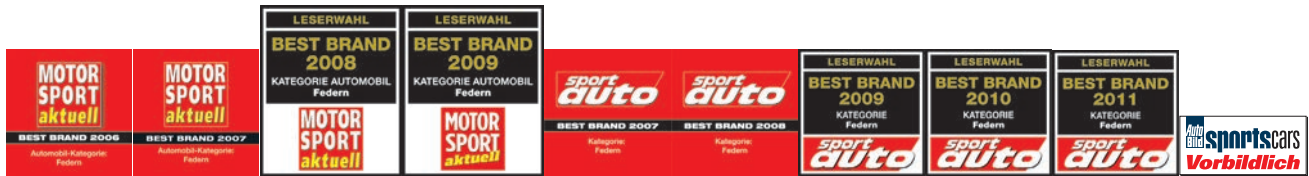
After | with Sportline

For those looking for a little bit more aggressiveness in handling and appearance, this is definitely the answer.

All the impressive benefits of the legendary Pro-Kit with a little “hot sauce”.



PERFORMANCE GUIDE



Product Line	Product	Description	Ride Quality	Street Performance	Aggressive Performance	Street & Track	Average Lowering (depending on application)	Adjustable Ride Height
Springs	Pro-Kit	The first step in suspension performance. Perfect for the daily driver with good stock or aftermarket shocks.	Excellent	✓			25-40 mm	
	Sportline		Sport Performance	✓	✓		30-50 mm	
Springs+Shocks	B12 Pro-Kit	Tuned performance spring and shock package for the performance you crave and the ride quality you need.	Excellent	✓	✓	✓	25-40 mm	
	B12 Sportline		Sport Performance	✓	✓	✓	30-50 mm	
Wheel Spacers	Pro-Spacer	The Eibach Pro-Spacers give your vehicle the final line in styling	Optimized ride quality	✓			5-30 mm (Width)	
Sway Bars	Anti-Roll-Kit	The Eibach Anti-Roll-Kit allows critical fine-tuning of your car's handling characteristics	Reduction of body roll	✓	✓	✓		
Coil-Overs - Adjustable Ride Height	Pro-Street-S	Individual height adjustment	Sporty and comfortable in the normal range, appealingly taut in the threshold	✓	✓	✓	20-70 mm	✓

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PRO-KIT

Performance Springs

#1 choice of automotive enthusiasts worldwide!

- Top-performance handling
- Lower centre of gravity - lowers vehicle up to 40 mm
- Progressive spring design
- Excellent ride quality
- Part of the B12 Pro-Kit

The Eibach Pro-Kit is the perfect answer for most popular street cars. It's our legendary spring system that dramatically improves both a vehicle's performance and appearance.

The Pro-Kit lowers your car's centre of gravity, reducing squat during acceleration, body roll in corners and excessive nosedive under braking. When combined with bigger wheels and tires, the Eibach Pro-Kit is the finishing touch to a winning recipe for performance. The Pro-Kit also reduces excessive fender well clearance, making your car look just as hot as it performs.

Every Eibach Pro-Kit is designed and tested by our suspension engineers and performance driving professionals, to deliver aggressive good looks and high performance handling, without ever compromising safety or ride quality. By using our proprietary, progressive spring design, the Pro-Kit provides the ultimate balance to take your passion for driving to a whole new level.



SPORTLINE

Sport Performance Springs

- Lowers vehicle up to 50 mm
- Progressive spring design
- Extreme performance meets extreme style
- Excellent ride quality
- Race car - like handling
- Part of the B12 Sportline

Eibach Sportline is the extreme performance spring set created for the extreme enthusiast—the one who craves a race-car attitude for maximum street performance—with the lowest possible drop, but with the exceptional ride quality you expect from Eibach.

Engineered with the same care as our Pro-Kit springs, Eibach Sportline springs achieve legendary handling by aggressively lowering your car's centre of gravity, using our precision-engineered progressive spring rates.

By radically lowering your car's centre of gravity, our Sportline springs dramatically reduce squat during acceleration, body roll in corners and nose-dive under braking. By using our proprietary, progressive spring design, our Sportline springs provide the ultimate balance between high performance, extreme lowering and comfortable ride quality. When combined with today's wild bigger wheels and tires, the result is a car that handles just as satisfactorily as it looks.



ANTI-ROLL-KIT

Performance Sway Bars

- Reduction of body roll when driving in curves and during fast changes of direction
- Unimpaired spring comfort at bilateral spring deflection
- Decreasing the load difference between the wheels inside and outside the curve
- Impacting the under- or over-steering tendency positively (auto-steering behaviour)

Complete your suspension upgrade with an Eibach Anti-Roll-Kit. While our Pro-Kit and Sportline spring sets are regarded as the primary suspension enhancement components, the Eibach Anti-Roll-Kit allows critical fine-tuning of your car's handling characteristics.

Our Anti-Roll-Kits reduce body roll through increased design stiffness over stock bars. The result: increased handling and cornering grip in any performance-driving situation.

Manufactured from cold-formed, high-strength aircraft-grade steel for precision performance, and finished with a longlasting red powder coat finish, the Anti-Roll-Kit comes complete with all mounting hardware and instructions for easy installation.



PRO-SPACER

Wheel Spacers

- Widen your stance - for better handling and appearance
- Made from high-tensile-strength aluminum alloy
- Exact fitment by using minimal production tolerances, resulting in exceptional wheel balance
- All applications tested in rigid durability- and fatigue tests
- High-grade corrosion protection through a special coating process (salt spray test according to DIN 50021)
- Significant weight advantage compared to wheel-spacers made from steel

Eibach Pro-Spacer is the ideal combination for use with the Eibach Pro-Kit as well the Sportline, if the original or aftermarket wheels are missing that last optical "kick".

With the Eibach Pro-Spacer installed, the car looks wider and better, as the wheel fills the arch. That's how the car's look gets its final touch.

By increasing the track width, not only the appearance is improved, but you also achieve an optimized driving behavior combined with higher stability, as the roll of the chassis is influenced in a positive manner.

Optimize the "sportive touch" to the last detail: wheels, tires, Eibach Suspension Components and Pro-Spacer!

The Pro-Spacer is available in different versions from 5 to 30 mm width.



B12 PRO-KIT

Performance Springs+Shocks

For everyone who wants to experience every curve in the road.

For everyone who believes driving dynamics and performance are important. For drivers who prefer the extra safety as well as the drivers who appreciate a look of performance without sacrificing ride quality. The B12 Pro-Kit.

- Professional Cornering System PCS
- Precise response, excellent driving performance and high reserves of safety
- Lowering up to 40 mm
- EIBACH Pro-Kit performance spring with progressive characteristic
- Spring and shock absorber road-tested and fine-tuned to complement one other perfectly
- BILSTEIN gas pressure technology
- BILSTEIN mono-tube/Upside-Down technology
- German TÜV certificate
- Made in Germany



B12 SPORTLINE

Sport Performance Springs+Shocks

For everyone who wants their daily workout.

Are you looking for excellent driving dynamics and precise response to the millimeter? Is a sport-performance style important to you? And does it go without saying that you are expecting more safety from a suspension system? Then you should find out about the B12 Sportline.

- Professional Cornering System Sport PCSS
- Direct response, good driving performance and sporty look
- Lowering up to 50 mm
- EIBACH Sportline performance sport spring with progressive characteristic
- Spring and shock absorber road-tested and fine-tuned to complement one other perfectly
- BILSTEIN gas pressure technology
- BILSTEIN mono-tube/Upside-Down technology
- German TÜV certificate
- Made in Germany



PRO-STREET-S

Coil-Overs – Adjustable Ride Height

- Height adjustment from 20 to 70 mm vehicle lowering (depending upon vehicle type)
- Rust-free stainless steel design
- Sporty and comfortable in the normal range, appealingly taut in the threshold
- Spring elements drawing on our ERS program
- TÜV-certified adjustment area and complete documentation for an easy handling

Our Pro-Street-S offers you the top sporting performance without making big sacrifices in comfort. Due to its height-adjustability, the optimum setting for what you're looking to do is possible with the Pro-Street-S coil-over suspension systems.

Our experience from many years of in-house development and manufacture of shock absorbers

and ERS springs for the top series in national and international motorsports also flows directly into our coil-over suspension systems.

Additionally, the Pro-Street-S shock absorbers are manufactured on the basis of stainless steel technology, in order not just to provide you with a sporty performance, but also with the finest quality! In order to guarantee corrosion resistance in height adjustment, we use spring cups of polyamide compounds.

This combination of tuning results flowing directly into the production, the application of high-grade materials and the utilization of spring elements drawing from our ERS racing sport line results in a perfectly calibrated product in every regard.



Eibach-Race-Spring-System

- Uncountable individual combination possibilities to create from standard spring components ex stock
- High spring travel (deflection) and therefore high end loads at short mounting lengths
- Block resistance
- Surface treatment through shot-peening
- High dynamic durability (component longevity)
- Precise tolerances
- High quality corrosion protection by phosphating and epoxy coating
- Individual protective packaging
- Easy identification (imprinted with Part no.- indicates spring rate and physical dimensions)

Every suspension tuning is a compromise. On one hand the spring system should be soft enough to compensate for bumpy roads. This compliance assures permanent road-contact of wheel and tire and therefore guarantees grip and traction.

On the other hand the spring system must be firm enough to reduce body roll, squat and dive of the vehicle's body during cornering, acceleration and braking. These contrary demands can be solved best with progressive spring characteristics. Here Eibach has developed the world-famous ERS double spring system.

With the ERS system many different main & tender springs can be combined to achieve the specifically required progressive characteristic. From a selection of more than 700 different single spring components the suspension engineer can create nearly unlimited combinations. The ERS double spring system is unsurpassed in performance and specific tuneability in automotive motorsports worldwide.



EVS

Eibach Valve Springs

- Single spring design for reduced mass, lower friction and less heat
- Maximum lift for maximum performance and durability
- Increased seat pressure for optimum performance
- Higher natural frequency for high RPM capability
- Dual chamfering for lower wear on seats and retainers
- Easy installation with stock retainers - no machining required

Now, using the very same Eibach technology used in IRL, Grand Am and Speed World Challenge, you can get your engine performing at its very best. Eibach EVS - Sport valve springs are precision engineered and made from highest quality material - eliminating the need for a dampening inner spring.

The result: less weight and more performance.



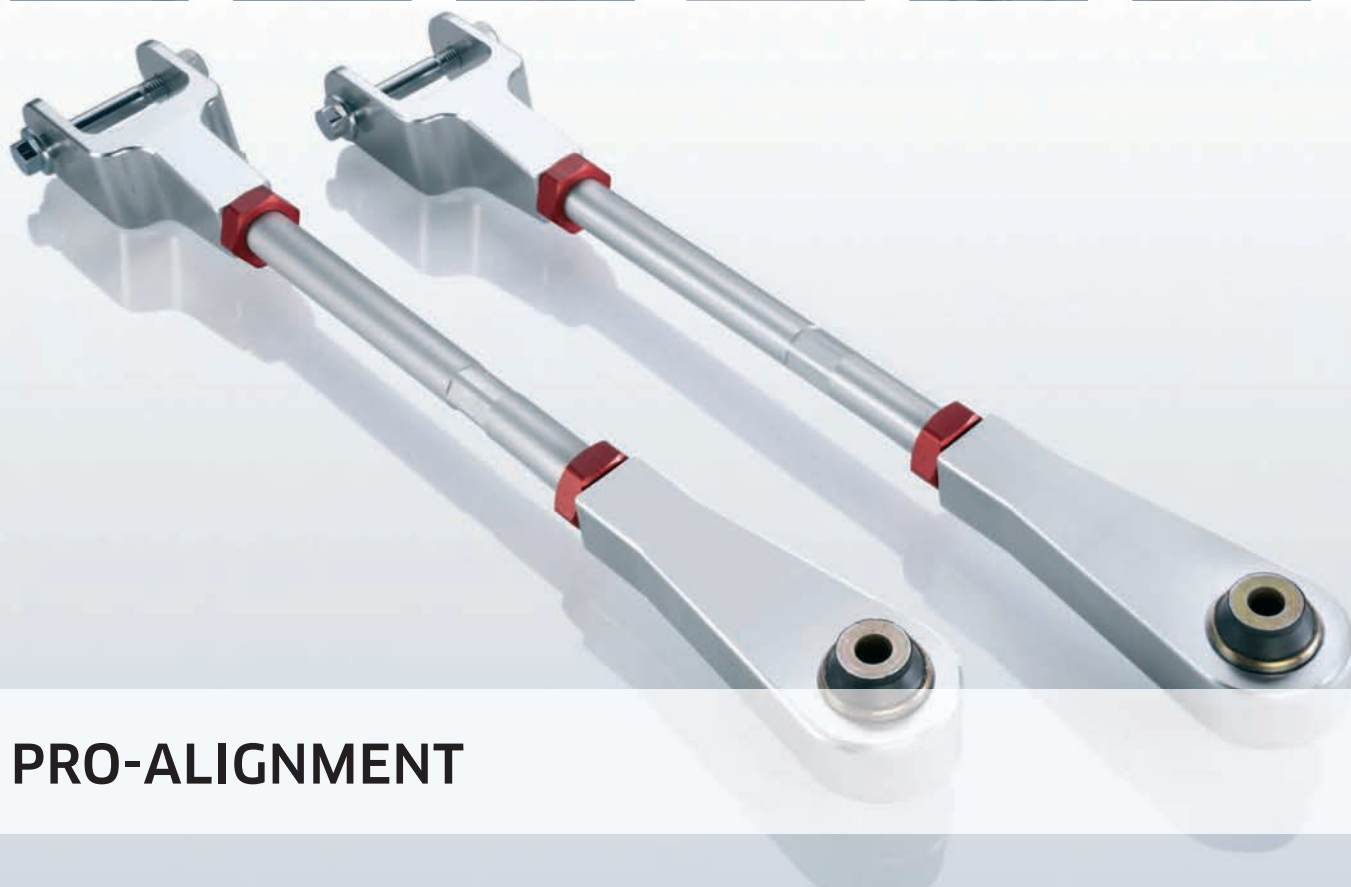
EMS

Eibach Motorcycle Springs

- Precision tolerances - the tightest in the industry
- Ultra-lightweight, for reduced unsprung mass
- Maximum deflection in combination with smallest block heights
- Precision plane-parallel and square end configurations under unloaded and loaded conditions
- Lowest side loads with load center ideally located relative to spring axis
- Exceptional block resistance and durability

Eibach makes the finest performance springs in the world. Period. When other springs sag, wear out, or create sketchy handling or a bone-crushing ride, top motorcycle tuners -like top race teams- inevitably turn to Eibach.

And, also inevitably, wonder why they didn't choose Eibach in the first place.



PRO-ALIGNMENT

Performance Alignment Kits

- The perfect solution to correct excessive negative camber and prevent uneven tire wear
- Wider range of camber adjustment - suitable for street or track tuning

After the installation of either an Eibach Pro-Kit, Sportline spring kit or Pro-Street-S coil-over kit, a vehicle's alignment should always be checked. Once a vehicle is lowered, wheel camber may become excessively negative, meaning the top of the tire is angled inward (toward the center of the vehicle). While some negative camber aids in improving traction and road adhesion, too much can result in compromised handling and accelerated tire wear.

Eibach offers a complete range of Pro-Alignment kits, which provide a simple, affordable solution to correct excessive negative camber. These alignment kits not only assist in adjusting a vehicle's camber back to factory specifications, but they also allow an experienced chassis tuner to utilize the increased adjustment range to "dial-in" a performance-oriented alignment that uses negative camber to maximize a chassis' true potential.

With correct alignment, turn in becomes more precise and handling becomes gratifyingly crisp and predictable. Highspeed stability is also enhanced, making an Eibach Pro-Alignment kit a necessity for the serious performance tuner.

Performance Control Arms

Eibach Performance Control arms are designed to allow wider wheel and tire combinations and solve tire-rubbing problems when teamed up with our front and rear Pro-Alignment camber kits and toe adjusters. Available for most popular applications.

ATTENTION!

Please note that there are **no TÜV homologations** for Pro-Alignment available yet! Sales, service and technical advice will only be offered through Eibach UK.

Please contact:

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PRO-ALIGNMENT | Before and After

Before

- too much negative camber.

The result: excessive tire wear and limited grip.



limited tire contact patch

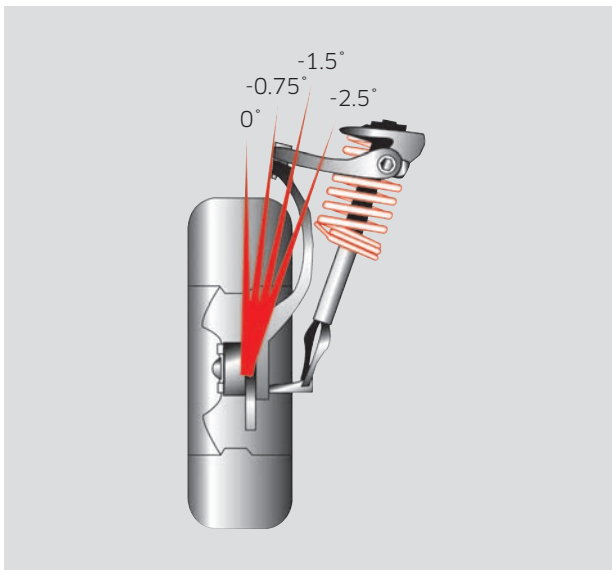
After

- back to factory specs.

The result: regular tire wear and maximum grip.

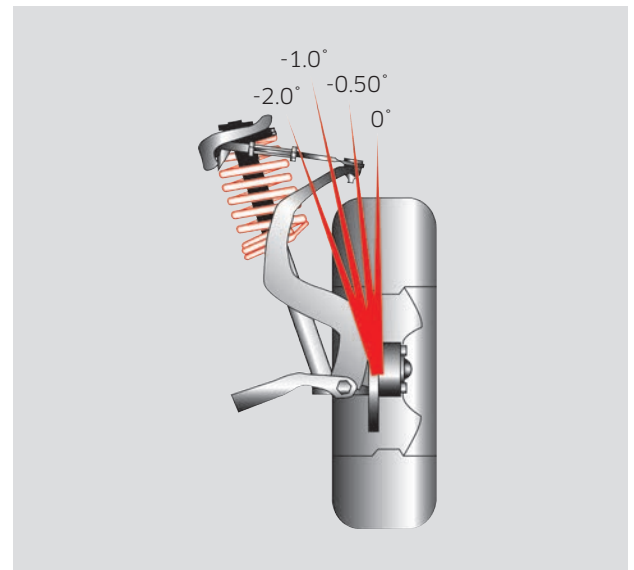


maximum tire contact patch



Front*

- Lower your vehicle 25 mm - camber change - approximately -0.75°
- Lower your vehicle 50 mm - camber change - approximately -1.50°
- Lower your vehicle 75 mm - camber change - approximately -2.50°



Rear*

- Lower your vehicle 25 mm - camber change - approximately -0.50°
- Lower your vehicle 50 mm - camber change - approximately -1.00°
- Lower your vehicle 75 mm - camber change - approximately -2.00°

*The numbers shown represent averages-actual camber change will vary depending on vehicle model.





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