

# TACTICALLY TUNED SUSPENSION SOLUTIONS FOR ARMORED/SPECIALTY VEHICLES



Bilstein and Eibach, world leaders in the design and manufacture of vehicle suspension components and systems, have collaborated to offer an array of fully engineered, tuned suspension solutions for armored and specialty vehicles.

There is no substitute for experience

From worldwide motorsports competition, to original equipment on the world's finest sedans, trucks, SUVs and motorhomes, Bilstein and Eibach products have proven to be the best. No matter if it's a highly engineered suspension on an exotic race car, or an off-road vehicle where wheel travel is measured in feet, or a heavily armored military vehicle...we have the experience to deliver unbelievable control, precise handling, incredible comfort and durable performance.

While we offer many off-the-shelf products that may fit your requirements, we also provide full engineering support to work hand-in-hand with you and your tech group to develop specialty vehicle suspension components that undergo strict refinement, exhaustive testing and meet your specific needs.



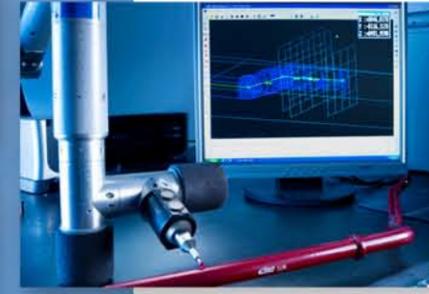
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With industry-leading facilities worldwide and award-winning levels of customer service, it comes as little surprise that applications from Bilstein and Eibach have been the first choice of companies looking for the absolute best combined with effective unit costing.



Armoring a vehicle is considered to be passive protection; while the performance of the vehicle, including handling, is considered as active protection. When O.E. design parameters are changed, the efficiency of the suspension may be compromised. Any changes in overall vehicle weight, roll-center or center-of-gravity will need to be addressed and the suspension re-tuned to compensate for those changes.

Adding weight to armored vehicles, border patrol vehicles, limousines, ambulances, light military and fast-in-fast-out units presents unique challenges to the integrity of their suspensions. For comfort, precision handling and control, it's essential to make sure that heavy vehicles won't bottom out in rugged terrain or under full load, while ensuring optimized handling for evasive driving. The pro-active preparation to avoid a potential perilous situation is the very best solution of all.

The joint efforts of Bilstein and Eibach and their respective engineering prowess, offers complete suspension solutions, including shock absorbers, coil springs, stabilizer bars, coil-over systems, secondary elastomeric springs, bushings, and leaf springs.

