

„Active Systems“ – Suspension technology for professionals. What really matters.

Active damping and pneumatic spring systems: Construction, function and testing; Installation Manuals

Training content

This course is based on the “Principles of BILSTEIN-Suspension Technology” course. You will get an overview about modern and future based suspension technology and inside into active damping and pneumatic spring systems. The main focus is set on construction, function and testing with some given examples. These include the electronic suspension systems for original equipment, e. g. ACD, ADS, Airmatic and DampTronic®, which are used in Jaguar, Mercedes-Benz and Porsche, among others. The field of sports retrofitting is complemented by the electronic solutions ridecontrol® and iRC®. The removal and installation of a pneumatic spring in the Mercedes-Benz E-Class BR 211 is explained by the example of an installation manual.

Benefit

After this training you will be familiar with the design and function of electric vibration dampers and air suspension systems. You will learn the correct installation and learn everything about the most common vehicle defects. On this basis, you will be able to identify new business areas, to better meet customer requirements and to detect suspension faults and install active damping and pneumatic suspension systems in accordance with the manufacturer's specifications.

Course dates:

Evening Class, Theory

About 2 hours

Level: Professional

For all mechanics and masters who carry out suspension repairs and have taken part in the “BILSTEIN suspension technology” course.

