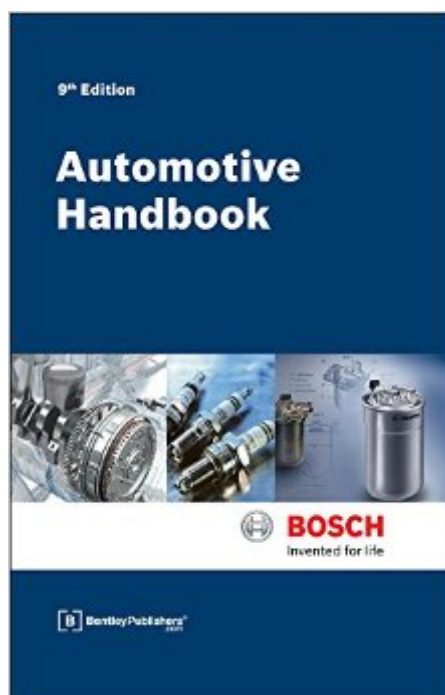


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Bosch Automotive Handbook - 9th Edition



Synopsis

All about automotive engineering in a pocketbook
The first incarnation of the Automotive Handbook was published in 1932 by Robert Bosch GmbH. Since then, the book has increased in size and stature to be considered an indispensable reference source of precise information on the subject of automotive technology. With this ninth English-language edition, the book has been revised and extended throughout into a larger format designed for ease of use by the professional automotive technician.

Contents - central themes (selection)

Physics, thermodynamics, chemistry, mathematics, materials, operating fluids, machine parts, joining and bonding techniques

Internal-combustion engines, engine cooling, air-intake systems, turbochargers and superchargers, exhaust-gas system

Emission-control and diagnosis legislation, exhaust-gas measuring techniques

Emission-control and diagnosis legislation

Management for spark-ignition engines, manifold injection, gasoline direct injection, alternative gasoline-engine operation

Management for diesel engines, common rail, start-assist systems

Hybrid drives, fuel cell

Fundamentals of vehicle engineering, motor-vehicle dynamics, vehicle acoustics, vehicle aerodynamics

Suspension, wheel suspension, wheels, tires, steering, brake systems

Antilock braking system, driving-dynamics control system

Vehicle bodies, lighting equipment

Vehicle electrical systems, starter batteries, drive batteries, electrical machines, alternators

ECU, automotive networking, buses, architecture of electronic systems, sensors

Driver-assistance systems, computer vision, Adaptive Cruise Control

Book Information

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Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (19 customer reviews)

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Customer Reviews

Outstanding figures and very complete descriptions. However, as an English speaking engineer, I found many of the discussions rather clumsily written. I'm guessing that it was translated from the German by someone who doesn't thoroughly understand the subject matter.

As usual, another must have for anyone who is not only a mechanic, but has to be a part time engineer just to keep the new and old cars running. It's always easier to replace parts, but it's tougher to understand how and why they work/fail.

Reading from this book is like drinking from a firehose that's attached to several Bugatti's driving as fast as they can go. There is so much information in this handbook that I can see why an engineer would read this. It's really cool to read from an enthusiast point of view & it has BOSCH/Bentleypublisher's quality of cutaways & diagrams. I've learned a lot about vehicles in general & the theory & idea behind why things are the way they are. If you are even the slightest interested in cars, how they work, why they are designed they are & the theory behind all of it (we're talking the shear strength of oil, the chemical composition antifreeze, to how light refracts in the eye) you should get this book. It keeps you up for hours reading :)

My Bible. This reference book lead to dozens of my inventions and patents. A must have for all vehicular engineers.

As expected from the great German company BOSCH,this book is extremely informative.

Much bigger than the previous edition and as always the content is excellent and current.

I recommend this book, for all Mechatronic students engineers.

Much more complete than my old 2nd edition. But not as easy to hold (its bigger, to hold all of that information). Arrived quite quickly.

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