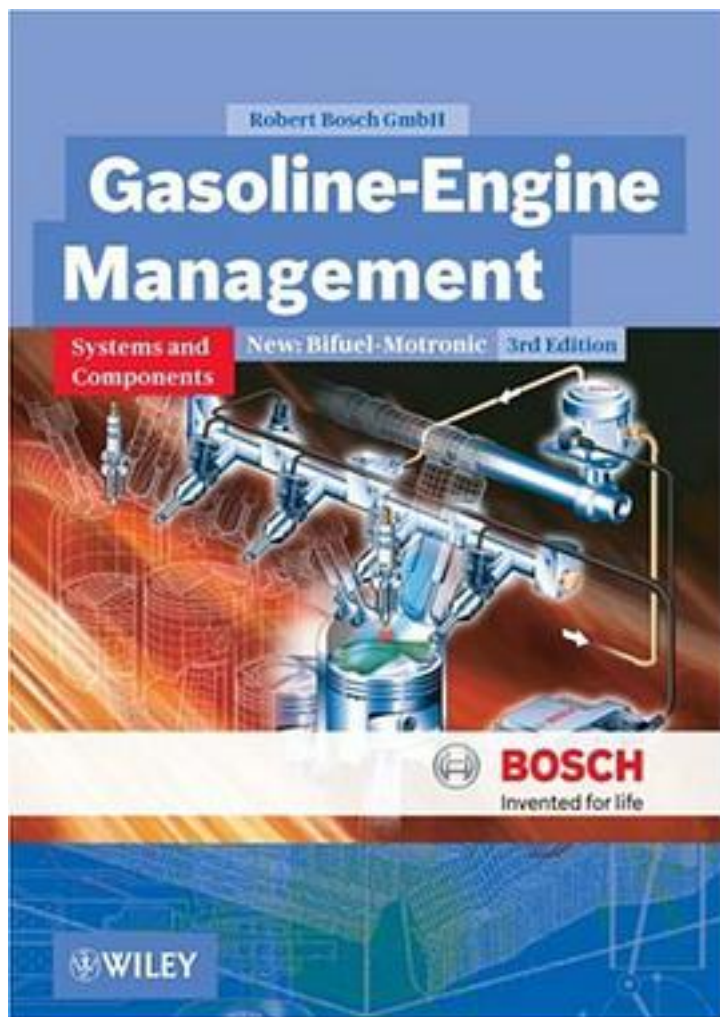


# Gasoline-engine Management



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The BOSCH handbook series on different automotive technologies has become one of

the most definitive sets of reference books that automotive engineers have at their disposal. Starting with a brief review of the beginnings of automotive history, this book discusses the basics relating to the method of operation of gasoline-engine control systems. The descriptions of cylinder-charge control systems, fuel-injection systems (in-take manifold and gasoline direct injection), and ignition systems provide a comprehensive, firsthand overview of the control mechanisms indispensable for operating a modern gasoline engine. The practical implementation of engine management and control is described by the examples of various Motronic engine-management systems and of the control and regulation functions integrated in this particular management system. The 3rd edition offers new or completely revised chapters in the following areas - High pressure pumps for direct gasoline injection; Mixture formation for manifold injection; Gasoline engines fuelled by natural gas; Catalytic exhaust-gas treatment; Diagnostics. A key chapter looks at emission control legislation and provides an insight into the complexity of the statutory provisions.

作者介绍:

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标签

评论

详细讲解了汽油引擎的基本构成原理等，而且讲解的比较透彻，对初学者来说是不错的入门书籍，但是由于没有涉及热能转化之类的细节计算，进阶者或者想要计算细节的读者就不要太指望这本书了

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书评

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