

# Maintenance and Aftermarket

**Best Seller**



## Engine Combustion: Pressure Measurement and Analysis

By David R. Rogers

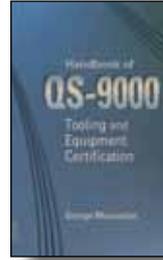
This book provides practical information on measuring, analyzing, and qualifying combustion data, as well as details on hardware and software requirements and system components.

978-0-7680-1963-6, 332 pp., Hardbound 2010.

**\$79.95 List**

Product Code: R-388

ebook available



## Handbook of QS-9000 Tooling and Equipment Certification

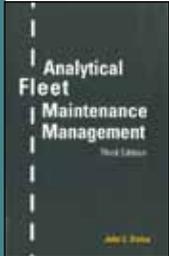
By George Mouradian

This book presents an overall picture of the quality and reliability processes and provides the methods and techniques necessary to obtain QS-9000TE registration. With useful tables, diagrams, and checklists, the book can also be used as a training manual.

978-0-7680-0527-1, 250 pp., Hardbound 2000.

**\$5.00 List**

Product Code: R-265



## Analytical Fleet Maintenance Management, 3rd Edition

By John E. Dolce

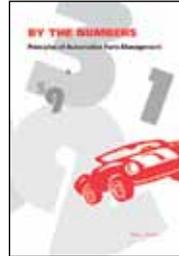
The book details technologies that can benefit fleet managers, and reviews the best practices in fleet maintenance management. Chapters cover fleet management leadership, and facility design and maintenance, as well as updated arithmetic formulas throughout the book.

978-0-7680-1684-0, 534 pp., Paperbound 2009.

**\$69.99 List**

Product Code: R-371

ebook available



## By the Numbers Principles of Automotive Parts Management

By Gary J. Naples

This book presents basic parts management principles, along with business and personnel management techniques, in an easy-to-understand format. Each chapter begins with an "illustrative case" which describes a typical situation (pertinent to the chapter's theme) that could occur in "real-world" parts departments.

978-1-56091-520-1, 224 pp., Paperbound 1994.

**\$29.95 List**

Product Code: R-140

ebook available

**Best Seller**



## Care and Repair of Advanced Composites, Second Edition

By Keith B. Armstrong, William Cole, Graham Bevan

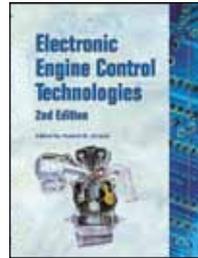
This second edition has been extensively updated to keep pace with the growing use of composite materials in commercial aviation.

978-0-7680-1062-6, 664 pp., Hardbound 2005.

**\$89.99 List**

Product Code: R-336

ebook available



## Electronic Engine Control Technologies, 2nd Edition

By Ronald K. Jurgen

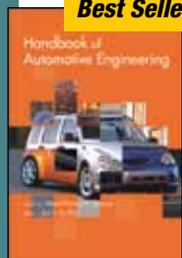
In this second edition, the latest advances and technologies of electronic engine control are explored in a collection of 99 technical papers, none of which were included in the first edition.

978-0-7680-1339-9, 768 pp., Paperbound 2004.

**\$69.99 List**

Product Code: PT-110

**Best Seller**



## Handbook of Automotive Engineering

By Ulrich W. Seiffert, Hans Hermann Braess

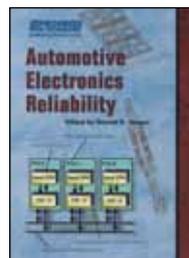
One of the most comprehensive encyclopedias of vehicle systems and design, this book features 1600 pages packed with information on automotive design and applications from over 40 subject matter experts.

978-0-7680-0783-1, 638 pp., Hardbound 2005.

**\$139.95 List**

Product Code: R-312

ebook available



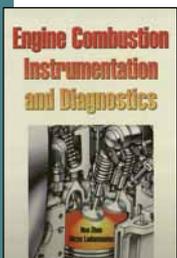
## Automotive Electronics Reliability

This book contains 63 technical papers and articles that substantiate the progress that has been made in this area. The book features four sections which cover the many changes in all areas of automotive electronics reliability.

978-0-7680-0684-1, 544 pp., Hardbound 2001.

**\$9.99 List**

Product Code: PT-82



## Engine Combustion Instrumentation and Diagnostics

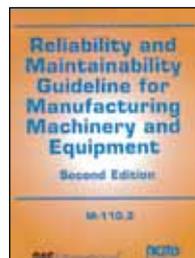
By Nicos Ladommatos, Hua Zhao

Written primarily for researchers and engineers involved in advanced research and development of internal combustion engines, this book provides a complete description of instrumentation and in-cylinder measurement techniques for internal combustion engines.

978-0-7680-0665-0, 842 pp., Hardbound 2001.

**\$99.95 List**

Product Code: R-264



## Reliability and Maintainability Guideline for Manufacturing Machinery and Equipment

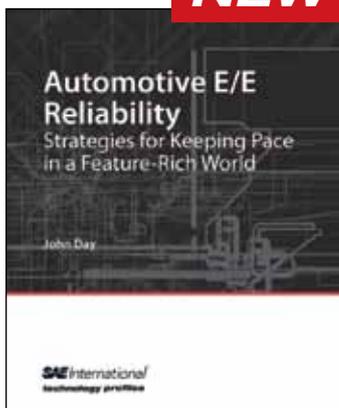
This guideline is intended to provide a description of reliability and maintainability fundamentals for manufacturing machinery and equipment user and supplier personnel at all operating levels.

0-7680-0473-X, 100 pp., Paperbound 1999.

**\$39.95 List**

Product Code: M-110.2

**NEW**



## Automotive E/E Reliability

By John Day

Electrical and electronic reliability is a critical issue for automakers and suppliers as well as car buyers and dealers. The burden of reliability falls most heavily on automotive E/E engineers, system and software developers, component suppliers, and tools vendors. This book explores ways that the automotive industry continues to add E/E features while maintaining if not improving overall reliability.

This book helps executives, decision-makers, and managers to quickly grasp the key drivers associated with E/E reliability in the automotive market. Academics who teach electronics and automotive engineering will also be interested in the book, as well as those in government who legislate and regulate automotive electronics.

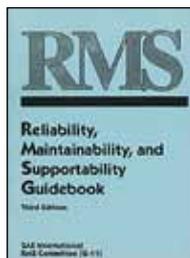
Author John Day interviewed nearly 50 experts on all facets of E/E systems and reliability during preparation of this manuscript. In addition, he culled information from press releases and presentations. He synthesized a massive amount of information and data into an easy-to-digest manuscript that gives a clear picture of the current state of E/E reliability and where the technology it is headed.

ISBN: 978-0-7680-3499-8, 82 pp., Paperbound 2011.

**\$199.00 List**

Product Code T-126

ebook  
available



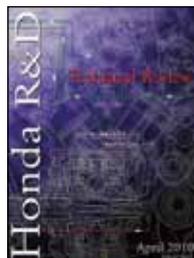
## Reliability, Maintainability, and Supportability Guidebook

This book is a hands-on, stand-alone source of current information on the integration of reliability, maintainability, and supportability (RMS) into design, production, and support processes. Developed by a broad range of government and industry experts, the book provides general information and standardized task descriptions for each significant RMS element.

1-56091-514-5, 588 pp., Paperbound 1995.

**\$79.95 List**

Product Code: M-102/95



## Honda R&D Technical Review: April 2010

The 27 papers included in this volume chronicle the best of Honda's documented technical advancements from October 2009 through April 2010 and cover automotive, motorcycle, power products, and other fundamental technologies. Full-color diagrams complement the text.

978-0-7680-5730-0, 207 pp., PDF Only 2010.

**\$100.00 List**

Product Code: B-HON-002

ebook  
only



## Honda R&D Technical Review: October 2010

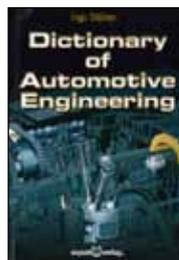
This ebook gives unique insight into the cutting-edge technical developments from Honda's worldwide R&D team from April through September 2010.

978-0-7680-7404-2, PDF Only 2010.

**\$100.00 List**

Product Code: B-HON-008

ebook  
only



## Dictionary of Automotive Engineering

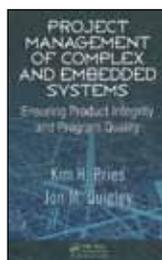
By Ingo Stuben

Unlike standard dictionaries, this specialized dictionary provides valuable aid to the expert (engineer or mechanic), student, and other interested parties who seek a better understanding of technical terms and precise definitions specific to automobiles.

978-3-8169-2941-3, 328 pp., Paperbound 2010.

**\$54.00 List**

Product Code: B-891



## Project Management of Complex and Embedded Systems

By Jon M. Quigley, Kim H. Pries

This book uses proven Project Management methods, as well as elements of IEEE embedded software development techniques, to explain how to deliver a reliable complex system to market.

978-1420072051, 376 pp., Hardbound 2010.

**\$84.00 List**

Product Code: B-875



## Modern Electric, Hybrid Electric, and Fuel Cell Vehicles Fundamentals, Theory, and Design, Second Edition

By Mehrdad Ehsani, Ali Emadi, Yimin Gao

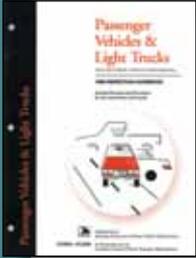
Building on the foundation of the bestselling first edition, this second edition updates and expands its detailed coverage of the vehicle technologies that offer the most promising solutions to these issues affecting the automotive industry.

978-1-4200539-8-2, 557 pp., Hardbound 2009.

**\$129.95 List**

Product Code: B-884

## Maintenance and Aftermarket



### Passenger Vehicles and Light Trucks Vehicle Inspection Handbook

Written by the American Association of Motor Vehicle Administrators (AAMVA), in partnership with the Canadian Council of Motor Transport Administrators (CCMTA). Published by American Association of Motor Vehicle Administrators. Distributed by SAE International.

74 pp., Paperbound 1999.

**\$19.99 List**

Product Code: B-837



### Tune To Win

#### The Art and Science of Race Car Development and Tuning

By Carroll Smith

This book clearly explains the basic principles of vehicle dynamics, relating these to the various systems of the racing car and to the inputs and control functions of the racing driver.

978-0-87938-071-7, 174 pp., Paperbound 1978.

**\$19.95 List**

Product Code: B-704



### Motorcycles Vehicle Inspection Handbook

Written by the American Association of Motor Vehicle Administrators (AAMVA), in partnership with the Canadian Council of Motor Transport Administrators (CCMTA), this handbook is now available through the SAE International Bookstore. Published by American Association of Motor Vehicle Administrators. Distributed by SAE International.

34 pp., Paperbound 1999.

**\$29.99 List**

Product Code: B-840



### The European Aftermarket Report

This report discusses the pressures that are coming to bear in the European aftermarket industry; the reactions of OEMs, suppliers and distributors; and the strategies that companies are pursuing to survive the global economic crisis now, and in the long term.

37 pp., PDF Only 2009.

**\$1360.00 List**

Product Code: MR-SB-094

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only

*“Don’t judge each day by the harvest you reap, but by the seeds you plant.”*

Robert Louis Stevenson

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