



Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books)

By James D. Halderman

Download now

Read Online →

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman

Prepare tomorrow's automotive professionals for success.

Automotive Electrical and Engine Performance covers content and topics specified for both Electrical/Electronic System (A6) and Engine Performance (A8) by ASE/NATEF, as well as the practical skills that technicians must master to be successful in the industry. Tomorrow's automotive professionals get a firm background in the principles and practices of diagnosing and troubleshooting automotive electrical, electronic, and computer systems in a clear, concise format at a level of detail that far exceeds most other texts in the area. Formatted to appeal to today's technical trade students—and ideal as a reference and resource for today's automotive technicians—Halderman's text uses helpful tips and visuals to bring concepts to life and guide readers through actual, on-the-job procedures.

To ensure that readers are current, all of the content has been updated to correlate to the latest NATEF tasks and ASE areas; many new full-color line drawings and photos have been added; a new chapter covers gasoline direct injection (GDI) systems; and new, updated, or expanded information has been included on OSHA hazardous chemical labeling requirements; electrical circuits; GM low-speed GMLAN; fuel pump diagnosis; fuel injection diagnosis; OBDII diagnosis; permanent (Mode \$0A) diagnostic trouble codes; and electric vehicle (EV) and plug-in hybrid electric vehicle (PHEV) charging. Four new appendixes provide a sample Electrical/Electronic systems ASE-type certification test with answers; a sample A8 Engine Performance ASE-type certification test with answers; an NATEF correlation chart showing all MLR, AST, and MAST tasks for electrical/electronic systems (A6) in one chart; and an NATEF correlation chart showing all MLR, AST, and MAST tasks for engine performance (A8) in one chart.

 [Download Automotive Electrical and Engine Performance \(7th ...pdf](#)

 [Read Online Automotive Electrical and Engine Performance \(7t ...pdf](#)

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books)

By James D. Halderman

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman

Prepare tomorrow's automotive professionals for success.

Automotive Electrical and Engine Performance covers content and topics specified for both Electrical/Electronic System (A6) and Engine Performance (A8) by ASE/NATEF, as well as the practical skills that technicians must master to be successful in the industry. Tomorrow's automotive professionals get a firm background in the principles and practices of diagnosing and troubleshooting automotive electrical, electronic, and computer systems in a clear, concise format at a level of detail that far exceeds most other texts in the area. Formatted to appeal to today's technical trade students—and ideal as a reference and resource for today's automotive technicians—Halderman's text uses helpful tips and visuals to bring concepts to life and guide readers through actual, on-the-job procedures.

To ensure that readers are current, all of the content has been updated to correlate to the latest NATEF tasks and ASE areas; many new full-color line drawings and photos have been added; a new chapter covers gasoline direct injection (GDI) systems; and new, updated, or expanded information has been included on OSHA hazardous chemical labeling requirements; electrical circuits; GM low-speed GMLAN; fuel pump diagnosis; fuel injection diagnosis; OBDII diagnosis; permanent (Mode \$0A) diagnostic trouble codes; and electric vehicle (EV) and plug-in hybrid electric vehicle (PHEV) charging. Four new appendixes provide a sample Electrical/Electronic systems ASE-type certification test with answers; a sample A8 Engine Performance ASE-type certification test with answers; an NATEF correlation chart showing all MLR, AST, and MAST tasks for electrical/electronic systems (A6) in one chart; and an NATEF correlation chart showing all MLR, AST, and MAST tasks for engine performance (A8) in one chart.

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman Bibliography

- Sales Rank: #134075 in Books
- Published on: 2015-02-23
- Original language: English
- Number of items: 1
- Dimensions: 10.70" h x 1.10" w x 8.40" l, .0 pounds
- Binding: Paperback
- 744 pages

 [Download Automotive Electrical and Engine Performance \(7th ...pdf](#)

 [Read Online Automotive Electrical and Engine Performance \(7t ...pdf](#)

**Download and Read Free Online Automotive Electrical and Engine Performance (7th Edition)
(Automotive Systems Books) By James D. Halderman**

Editorial Review

From the Back Cover

Prepare tomorrow's automotive professionals for success.

Automotive Electrical and Engine Performance covers content and topics specified for both Electrical/Electronic System (A6) and Engine Performance (A8) by ASE/NATEF, as well as the practical skills that students must master to be successful in the industry. Tomorrow's automotive professionals get a firm background in the principles and practices of diagnosing and troubleshooting automotive electrical, electronic, and computer systems in a clear, concise format at a level of detail that far exceeds most other texts in the area. Formatted to appeal to today's technical trade students, Halderman's text uses helpful tips and visuals to bring concepts to life and guide students through the procedures they'll use on the job. This book is part of the Pearson Automotive Professional Technician Series, which features full-color, media-integrated solutions for today's students and instructors covering all eight areas of ASE certification, plus additional titles covering common courses. Peer reviewed for technical accuracy, the series and the books in it represent the future of automotive textbooks.

To keep your course current:

- **A new title** better reflects the total content of the text.
- **Updated throughout** and correlated to the latest NATEF and ASE tasks.
- **Many new full-color line drawings and photos** have been added to help bring the subject to life.
 - **A new chapter covers gasoline direct injection (GDI) systems** (Chapter 36)
 - **NEW! New, updated, or additional information** has been added on:
 - **OSHA hazardous chemical labeling requirements** (Chapter 2),
 - **GM low-speed GMLAN** (Chapter 14),
 - **Electrical circuits**, making this important topic easier to understand (Chapter 4),
 - **Fuel pump diagnosis** (Chapter 34),
 - **Fuel injection diagnosis** (Chapter 38),
 - **OBD II diagnosis** (Chapter 41),
 - **Permanent (Mode \$0A) diagnostic trouble codes** (Chapter 42), and
 - **Electric vehicle (EV) and plug-in hybrid electric vehicle (PHEV) charging** (Chapter 44).
- **Four new Appendixes** have been added to include:
 - A sample **Electrical/Electronic Systems ASE-type certification test** with answers (Appendix 1),
 - A sample **A8 Engine Performance ASE-type certification test** with answers (Appendix 2),
 - An **NATEF correlation chart that shows all MLR, AST and MAST tasks for electrical/electronic systems (A6)** all in one chart (Appendix 3), and
 - An **NATEF correlation chart that shows all MLR, AST, and MAST tasks for engine performance (A8)** all in one chart (Appendix 4).

About the Author

Jim Halderman brings a world of experience, knowledge, and talent to his work. His automotive service experience includes working as a flat-rate technician, a business owner, and a professor of automotive technology at a leading U.S. community college for more than 20 years. He has a Bachelor of Science degree from Ohio Northern University and a Master's degree in Education from Miami University in Oxford, Ohio.

Jim also holds a U.S. Patent for an electronic transmission control device. He is an ASE certified Master Automotive Technician and is also Advanced Engine Performance (L1) ASE certified. Jim is the author of many automotive textbooks, all published by Pearson Education. Jim has presented numerous technical seminars to national audiences, including the California Automotive Teachers (CAT) and the Illinois College Automotive Instructor Association (ICAIA). He is also a member and presenter at the North American Council of Automotive Teachers (NACAT). Jim was also named Regional Teacher of the Year by General Motors Corporation and outstanding alumni of Ohio Northern University.

Users Review

From reader reviews:

Mary Marshall:

The book Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) give you a sense of feeling enjoy for your spare time. You should use to make your capable much more increase. Book can to become your best friend when you getting strain or having big problem with your subject. If you can make looking at a book Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) to get your habit, you can get much more advantages, like add your own personal capable, increase your knowledge about some or all subjects. You are able to know everything if you like start and read a e-book Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books). Kinds of book are several. It means that, science book or encyclopedia or other folks. So , how do you think about this reserve?

Ramon Hudson:

Often the book Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) will bring one to the new experience of reading any book. The author style to spell out the idea is very unique. In the event you try to find new book to study, this book very suited to you. The book Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) is much recommended to you to see. You can also get the e-book from your official web site, so you can easier to read the book.

Marie Guinn:

The reason why? Because this Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) is an unordinary book that the inside of the guide waiting for you to snap this but latter it will zap you with the secret that inside. Reading this book adjacent to it was fantastic author who also write the book in such amazing way makes the content interior easier to understand, entertaining approach but still convey the meaning entirely. So , it is good for you for not hesitating having this nowadays or you going to regret it. This phenomenal book will give you a lot of gains than the other book have got such as help improving your ability and your critical thinking way. So , still want to delay having that book? If I were you I will go to the guide store hurriedly.

Eric Bittinger:

Reading a reserve make you to get more knowledge from this. You can take knowledge and information from your book. Book is created or printed or highlighted from each source this filled update of news. With this modern era like currently, many ways to get information are available for you actually. From media social including newspaper, magazines, science guide, encyclopedia, reference book, book and comic. You can add your knowledge by that book. Do you want to spend your spare time to spread out your book? Or just seeking the Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) when you desired it?

Download and Read Online Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman #TDPLA71JYU2

Read Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman for online ebook

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman books to read online.

Online Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman ebook PDF download

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman Doc

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman Mobipocket

Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman EPub

TDPLA71JYU2: Automotive Electrical and Engine Performance (7th Edition) (Automotive Systems Books) By James D. Halderman