

Automotive Brake Systems 6th Edition

The theory and service of modern automotive engines is at the heart of this new edition. It includes practical information on variable valve timing systems, hybrid and other advanced technology vehicles, plus more engine performance diagnostic information and current NATEF content.

For courses in Automotive Steering, Suspension, and Brakes; Automotive Chassis Systems; and Undervehicle (Under-Car) Service Workshops. Automotive Chassis System, 6e is organized around the ASE automobile test content area for Brakes (A5) and Suspension and Steering (A4). Featuring complete coverage of parts, operation, design, and troubleshooting techniques, it correlates material to task lists specified by ASE and NATEF and emphasizes a diagnostic approach throughout. Chapter features include Tech Tips, Diagnostic Stories, High-Performance Tips, Frequently Asked Questions and more.

For courses in automotive principles, service, or mechanics. Preparing today's automotive students for career success! Revel(TM) Automotive Technology: Principles, Diagnosis, and Service addresses the latest technology and automotive systems. Written to current ASE tasks and standards, the text covers the 8 major areas of automotive service in 136 concise chapters. Many chapters include practical examples and step-by-step photo sequences covering terminology, best practices, and on-the-job procedures. Now in the sixth edition are case studies that include the "Three Cs" (Complaint, Cause and Correction). The 6th edition includes 6 new chapters which include that latest automotive technology as well as breaking up long chapters into two shorter and easier to read chapters. It also includes 50 new videos and over 100 new full color photos and line drawings to help bring the topics to life. Revel is Pearson's newest way of delivering our respected content. Fully digital and highly engaging, Revel replaces the textbook and gives students everything they need for the course. Informed by extensive research on how people read, think, and learn, Revel is an interactive learning environment that enables students to read, practice, and study in one continuous experience -- for less than the cost of a traditional textbook. NOTE: Revel is a fully digital delivery of Pearson content. This ISBN is for the standalone Revel access card. In addition to this access code, you will need a course invite link, provided by your instructor, to register for and use Revel.

Ideal for aspiring and active automotive professionals, TODAY'S TECHNICIAN: AUTOMOTIVE ELECTRICITY & ELECTRONICS, Sixth Edition, equips readers to confidently understand, diagnose, and repair electrical and electronic systems in today's automobiles. Using a unique two-volume approach to optimize learning in both the classroom and the auto shop, the first volume (Classroom Manual) details the theory and application of electricity, electronics, and circuitry in modern automobiles, while the second (Shop Manual) covers real-world symptoms, diagnostics, and repair information. Known for its comprehensive coverage, accurate and up-to-date technical information, and hundreds of detailed illustrations and vibrant photographs, the text is an ideal resource to prepare for success as an automotive technician or pursue ASE certification. Now updated with extensive information on new and emerging technology and techniques—including audio and infotainment systems, LED and adaptive lighting, hybrid and electric vehicles, and accessory systems—the Sixth Edition also aligns with the NATEF 2012 accreditation model, including job sheets correlated to specific AST and MAST tasks. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Automotive Service

Brakes, Brake Control and Driver Assistance Systems

Today's Technician: Automotive Brake Systems, Classroom and Shop Manual Pre-Pack

Advanced Automotive Fault Diagnosis

Brake Design and Safety

Keeping pace with industry trends and needs across the country, TODAY'S TECHNICIAN: AUTOMATIC TRANSMISSIONS AND TRANSAXLES, 6e consists of a Classroom Manual that provides easy-to-understand, well-illustrated coverage of theory and a Shop Manual that focuses on practical, NATEF task-oriented service procedures. Taking a technician-oriented focus, the book helps students master the design, construction, troubleshooting techniques, and procedures necessary for industry careers and provides hands-on practice in using scanners and oscilloscopes to help students develop critical thinking skills, diagnose problems, and make effective repairs. The Sixth Edition offers up-to-date coverage of continuously variable transmissions (CVT), drivelines for front-wheel drive (FWD) and four-wheel drive (4WD) vehicles, and provides the latest information on today's high-tech electronic controls and automatic shifting devices. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"Thoroughly updated and expanded, 'Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems, Second Edition' offers comprehensive coverage of basic concepts building up to advanced instruction on the latest technology, including distributed electronic control systems, energy-saving technologies, and automated driver-assistance systems. Now organized by outcome-based objectives to improve instructional clarity and adaptability and presented in a more readable format, all content seamlessly aligns with the latest ASE Medium-Heavy Truck Program requirements for MTST." --Back cover.

Bosch literature sets the standard for concise explanations of the function and engineering of automotive systems and components: from Fuel Injection, to Anti-lock Braking Systems, to Alarm Systems. These books are a great resource for anyone who wants quick access to advanced automotive engineering information. The vocational or technical school instructor faced with tough questions from inquiring students will find welcome answers in their pages. Advanced enthusiasts who want to understand what goes on under the skin of today's sophisticated automobiles will find the explanations they seek. And motivated technicians who want to cultivate a confident expertise will find the technical information they need. Both handbooks are fully stitched, case bound and covered with strong but flexible "shop-proof" vinyl for long life. Each of these exhaustive reference manuals includes application-specific material gathered from the engineers of leading European auto companies and other original equipment manufacturers, as well as input from leading authorities at universities throughout the world. Each book is edited by the same Bosch technical experts who design and build the world's finest automotive and diesel systems and components. In every field there's a single, indispensable reference work that rises above the rest. In the automotive world that reference is the blue Automotive Handbook from Bosch. Now in its brand new 4th edition and expanded to over 840 pages. With more than 1,000 cut-away illustrations, diagrams, tables and sectional drawings, this definitive encyclopedia of automotive engineering information is both exhaustive and accessible, making even sophisticated automotiveconcepts easy to visualize and understand. The 4th edition includes an all-new, comprehensive section on Vehicle Dynamics Control (VDC), that covers traction control system design and operation. 19 other subject areas have been expanded and updated. Section headings in the new 4th edition include: -- Vehicle Dynamics Control (NEW!) -- Sensors -- Reliability -- Lighting -- Air supply -- Mathematics -- Navigation systems -- Braking equipment -- Power transmission -- Chassis -- Starting and ignition -- Comfort and safety -- General technical knowledge -- Motor-vehicle dynamics -- Vehicle bodies, passenger and commercial -- Symbols used in vehicle electrical systems -- Vehicle windows and window cleaning -- Heating and air conditioning -- Communication and information systems -- Vehicle hydraulics and pneumatics -- Environmental effects of vehicle equipment -- Actuators -- Quality -- Vehicle drives -- Fuel metering -- Physics -- Driver information -- Materials science -- Road-vehicle systems -- Alarm & signaling systems -- Engine exhaust gases -- Road traffic legislation

For courses in automotive principles, service, or mechanics. Preparing today's automotive students for career success Revel(TM) Automotive Technology: Principles, Diagnosis, and Service has been fully updated and expanded to address the latest technology and automotive systems. Written to current ASE tasks and standards, the text covers the eight major areas of automotive service in 136 concise chapters. Many chapters include practical examples and step-by-step photo sequences covering terminology, best practices, and on-the-job procedures. The 6th edition has six new chapters and breaks up longer chapters into shorter, easier-to-read chapters. It includes 50 new videos, new case studies demonstrating the "three C's" (complaint, cause, and correction), and more than 100 new full-color photos and line drawings. Revel is Pearson's newest way of delivering our respected content. Fully digital and highly engaging, Revel replaces the textbook and gives students everything they need for the course. Informed by extensive research on how people read, think, and learn, Revel is an interactive learning environment that enables students to read, practice, and study in one continuous experience - for less than the cost of a traditional textbook. NOTE: This Revel Combo Access pack includes a Revel access code plus a loose-leaf print reference (delivered by mail) to complement your Revel experience. In addition to this access code, you will need a course invite link, provided by your instructor, to register for and use Revel.

Automotive Handbook

Today's Technician + Today's Technician - Automotive Suspension & Steering Classroom Manual and Shop Manual, 6th Ed. + Mindtap Automotive, 4 Terms, 24 Months, Printed Access Card

Function, Regulation and Components

Analysis and Design of Automotive Brake Systems

Revel for Automotive Technology Combo Access Card

Braking systems have been continuously developed and improved throughout the last years. Major milestones were the introduction of antilock braking system (ABS) and electronic stability program. This reference book provides a detailed description of braking components and how they interact in electronic braking systems.

TODAY'S TECHNICIAN: AUTOMOTIVE BRAKE SYSTEMS, CLASSROOM AND SHOP MANUAL PRE-PACK, Seventh Edition, is a comprehensive resource that equips readers to understand, diagnose, and repair today's brake systems with confidence. Using a unique two-volume approach, the text covers the theory and application of the total brake system, subsystem, and components in the first volume (Classroom Manual), while the second (Shop Manual) explores real-world symptoms, diagnostics, and repairs. Known for its comprehensive coverage, accurate and up-to-date details, and abundant illustrations, the text is an ideal resource to prepare for success as an automotive technician or pursue ASE certification. Now updated with extensive information on new and emerging technology and techniques—including hybrid vehicles, brake by wire, and electric brakes--the Seventh Edition also aligns with the ASE Education Foundation 2017 accreditation model and includes job sheets correlated to specific MLR, AST and MAST tasks. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"Part of Pearson Automotive's Professional Technician Series, the fifth edition of Automotive Electricity and Electronics represents the future of automotive textbooks. The series is a full-color, media-integrated solution for today's students and instructors. The series includes textbooks that cover all 8 areas of ASE certification, plus additional titles covering common courses. The series is also peer-reviewed for technical accuracy"-- Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop.

Automotive Brake Systems, Classroom and Shop Manual

Today's Technician: Automatic Transmissions and Transaxles Classroom Manual and Shop Manual

Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems

Shop Manual for Automotive Engine Repair and Rebuilding

Today's Technician: Automotive Electricity and Electronics, Classroom and Shop Manual Pack

Updated to reflect the latest technology in the automotive industry, this book will provide the knowledge and skills needed to successfully inspect, maintain, and repair vehicles of all makes and models. Automotive Service: Inspection, Maintenance, and Repair, 3E begins by introducing readers to a number of automotive career options, shop management basics, plus necessary tools and equipment. The book then progresses to the theories of vehicle systems operations and includes step-by-step procedures for troubleshooting and repairing all major systems of the modern automobile. Updates include coverage of new vehicle technology like EVAP systems, on-board diagnostics and emissions, alternative fuels, and hybrid vehicles, making this book not only comprehensive but also current so that readers can feel confident they are learning the very latest in industry trends and techniques.

Automotive Steering, Suspension, and Alignment, Sixth Edition, provides complete coverage of the parts, operation, design, and troubleshooting of automotive steering and suspension systems. Real examples and full color images throughout the text offer readers a practical approach to the diagnosis and repair of the NATEF tasks for the Automotive Steering, Suspension, and Alignment (A4) content area. Thoroughly revised and updated, the sixth edition has been peer reviewed by automotive instructors and experts in the field to ensure technical accuracy. ¿ Coming SUMMER 2014! This text is fully integrated with MyAutomotiveLab—an online resource for instructors and students that provides time-saving help for homework, quizzing, testing, multimedia activities, and videos. For more information: <http://www.myautomotivelab.com>.

The Shop Manual covers real-world symptoms, diagnostics, and repair information. Known for its comprehensive coverage, accurate and up-to-date technical information, and hundreds of detailed illustrations and vibrant photographs, the text is an ideal resource to prepare for success as an automotive technician or pursue ASE certification.

The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts.

Automotive Electricity and Electronics

Principles, Diagnosis, and Service

Revel for Automotive Technology Access Card

A Guide for the Penetration Tester

Understanding Automotive Electronics

Today's Technician: Automotive Brake Systems, Classroom and Shop Manual PrepackCengage Learning

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Automotive Heating and Air Conditioning, 8/e provides a complete, state-of-the-art source on automotive heating, ventilation, and air conditioning systems, as well as the practical skills that students must master to be successful in the industry. The text focuses on the generic theory that underlies the operation, diagnosis, and repair of the units and subassemblies found in the many makes and types of vehicles students will likely encounter in their careers. Formatted to appeal to today's technical trade students, Halderman 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 provides 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.

Automotive Technology: Principles, Diagnosis, and Service, Fourth Edition, meets the needs for a comprehensive book that covers all eight areas of automotive service, plus the soft skills and tool knowledge that must also be taught. Because many automotive systems are intertwined, presenting all systems together in one text makes it easier for the student to see how they are all connected. Topics are divided into 133 short chapters, which makes it easier for instructors and students to learn and master the content.

0133455211 / 9780133455212 Automotive Steering, Suspension, Alignment & NATEF Correlated Job Sheets for Auto Steering, Suspension, Alignment Package consists of: 0132747766 / 9780132747769 Automotive Steering, Suspension, Alignment 0132845245 / 9780132845243 NATEF Correlated Job Sheets for Auto Steering, Suspension, Alignment

Automotive Engines

Automotive Steering, Suspension, and Alignment

Automotive Technology

Automotive Brake Systems

The Car Hacker's Handbook

Automotive Steering, Suspension, and Alignment, Sixth Edition, provides complete coverage of the parts, operation, design, and troubleshooting of automotive steering and suspension systems. MyAutomotiveLab is an online learning tool that helps students effectively study all aspects of automotive repair. Teaching and Learning Experience Fully integrated with MyAutomotiveLab! Combining video, animations, practice tests, and more, MyAutomotiveLab provides the tools you need to enhance your performance and succeed in the course. For more information, please visit <http://www.myautomotivelab.com>. Prepares students for success in the automotive profession–Self-Assessmentsallow students to test themselves and help instructors know what content their class has mastered. Focus on diagnosis and problem solving–Students can review automotive concepts, watch relevant video clips, interact with animations concerning important automotive principles, and perform diagnostic simulations. Makes learning easier for students–Customized Study Plan generated by self-assessments identifies areas of weakness and strength to focus students' attention and efforts where they are needed the most. Brings subject to life–Garage simulations provide students with an interactive experience while learning about diagnosis and troubleshooting. 0133429911 /

9780133429916 Automotive Steering, Suspension & Alignment Plus NEW MyAutomotiveLab -- Access Card Package Package consists of 0132747766 / 9780132747769 Automotive Steering, Suspension, Alignment 0133389650 / 9780133389654 NEW MyAutomotiveLab -- Access Card

This complete textbook provides detailed content on the theory of operation, diagnosis, repair, and rebuilding of automotive engines. In addition to essential technical expertise, the text helps users develop the skills and knowledge they need for professional success, including critical thinking and awareness of key industry trends and practices. The text emphasizes universal repair techniques and case histories based on real-world scenarios to prepare users for careers in the field. Instructor resources include lesson plans, customizable lab sheets that address NATEF Standards, a customizable test bank with questions based on chapter content, presentations in PowerPoint, and more. Now updated with new, full-color images and information on the latest trends, tools, and technology—including hybrid engines and high-performance components—AUTOMOTIVE ENGINES: DIAGNOSIS, REPAIR, REBUILDING, Seventh Edition, is the ideal resource for automotive programs who want a complete teaching package for their Engines course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Includes chapter outlines and answer keys for each chapter. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Diagnosis and Troubleshooting of Automotive Electrical, Electronic, and Computer Systems, Sixth Edition, covers both automotive electrical and engine performance topics all in one book. NATEF-correlated, the text presents the principles and practices of diagnosis and troubleshooting of automotive electrical, electronic, and computer systems in a clear, concise format and at a level of detail that far exceeds most similar texts.

Classroom Manual for Automotive Engine Repair and Rebuilding

Classroom Manual

Automotive Engines: Theory and Servicing, 5/e (With CD)

Automotive Chassis Systems

The 5th edition of BASIC AUTOMOTIVE SERVICE & SYSTEMS is a comprehensive Classroom Manual/Shop Manual set provides an accessible overview of automotive systems to prepare you for all aspects of work in the field. The Classroom Manual explores the basic theories of operation behind each automotive system, while the Shop Manual covers the hands-on diagnostic, testing, and repair procedures that relate to them. Assuming no prior knowledge of automotive technology, this clear and engaging book addresses fundamental skills and maintenance and the application of key theories. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Diagnostics, or fault finding, is a fundamental part of an automotive technician's work, and as automotive systems become increasingly complex there is a greater need for good diagnostic skills. Advanced Automotive Fault Diagnosis is the only book to treat automotive diagnostics as a science rather than a check-list procedure. Each chapter includes basic principles and examples of a vehicle system followed by the appropriate diagnostic techniques, complete with useful diagrams, flow charts, case studies and self-assessment questions. The book will help new students develop diagnostic skills and help experienced technicians improve even further. This new edition is fully updated to the latest technological developments. Two new chapters have been added - On-board diagnostics and Oscilloscope diagnostics - and the coverage has been matched to the latest curricula of motor vehicle qualifications, including: IMI and C&G Technical Certificates and NVQs; Level 4 diagnostic units; BTEC National and Higher National qualifications from Edexcel; International Motor Vehicle qualifications such as C&G 3905; and ASE certification in the USA.

For courses in Automotive Brake Systems or Chassis Systems in colleges or proprietary schools. Unlike other books which seem to offer little more than service manual material Automotive Brake Systems reflects Halderman's real world experience. It offers complete coverage of the parts, operation, design, and troubleshooting of brake systems, and answers the "why's" along with the "how's."

Automotive Brake Systems, 6/e, provides complete coverage of the parts, operation, design, and troubleshooting of brake systems. Real examples and full color images throughout the text offer readers a practical approach to the diagnosis and repair of the NATEF tasks for the Automotive Brake Systems (A5) content area. Thoroughly revised and updated, the sixth edition has been peer reviewed by automotive instructors and experts in the field to ensure technical accuracy. This book is part of the Pearson Automotive Professional Technician Series, which provides 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.

Today's Technician: Automotive Brake Systems, Classroom and Shop Manual Prepack

Today's Technician: Basic Automotive Service and Systems, Classroom Manual and Shop Manual

Inspection, Maintenance, Repair

Automotive Steering, Suspension and Alignment 6th Ed. + NATEF Correlated Job Sheets for Automotive Steering, Suspension, Alignment 6th Ed.

Automotive Steering, Suspension and Alignment Plus NEW MyAutomotiveLab -- Access Card Package

Updated to reflect the latest trends, technology, and relevant ASE Education Foundation standards, this integrated, two-book set covers theory and hands-on content in separate Classroom and Shop Manuals. This innovative approach allows students to learn fundamental climate control theory, including basic physics related to heat transfer, before applying their knowledge through practical, hands-on activities. Updated with new, full-color images and information on the latest trends, tools, and technology—including hybrid engines and high-performance components—AUTOMOTIVE ENGINES: DIAGNOSIS, REPAIR, REBUILDING, Seventh Edition, is the ideal resource for automotive programs who want a complete teaching package for their Engines course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Sixth Edition of BASIC AUTOMOTIVE SERVICE & SYSTEMS includes a Classroom Manual and a Shop Manual to provide a comprehensive, accessible overview of automotive systems to prepare readers for all aspects of work in the field. Updated to align with Task Lists for the latest ASE Education Foundation requirements, the Sixth Edition covers emerging technologies such as hybrid vehicles and electric vehicles. Updated with new, full-color images and information on the latest trends, tools, and technology—including hybrid engines and high-performance components—AUTOMOTIVE ENGINES: DIAGNOSIS, REPAIR, REBUILDING, Seventh Edition, is the ideal resource for automotive programs who want a complete teaching package for their Engines course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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The photos in this edition are black and white. Brake systems are one of the most important yet least understood vehicle systems. Brake systems can be intimidating, and they aren't the first thing the average horsepower junkie chooses to upgrade. But there's no reason to wait until you have a problem to learn how your brakes work. High-Performance Brake Systems: Design, Selection, and Installation, Sixth Edition, shows you how to choose and install the most effective rotors, calipers, and brake pads for your car, truck, or SUV. Whether you're a commuter, a weekend warrior, or a professional racer, this book is perfect for you.

The 6th Edition of TODAY'S TECHNICIAN: AUTOMOTIVE BRAKE SYSTEMS is a comprehensive text that equips readers to confidently understand, diagnose, and repair today's brake systems. Using a unique two-volume approach, the first volume (Classroom Manual) details the theory and application of the total brake system, subsystem, and components, while the second (Shop Manual) covers real-world repair information. Known for its comprehensive coverage, accurate and up-to-date details, and abundant illustrations, the text is an ideal resource to prepare for success as an automotive technician or pursue ASE certification. Now updated with extensive information on new and emerging technology and techniques—including hybrid vehicles, brake by wire, and electric brakes—the Sixth Edition provides a comprehensive, accessible overview of automotive systems to prepare readers for all aspects of work in the field. Updated to align with Task Lists for the latest ASE Education Foundation requirements, the Sixth Edition covers emerging technologies such as hybrid vehicles and electric vehicles. Updated with new, full-color images and information on the latest trends, tools, and technology—including hybrid engines and high-performance components—AUTOMOTIVE ENGINES: DIAGNOSIS, REPAIR, REBUILDING, Seventh Edition, is the ideal resource for automotive programs who want a complete teaching package for their Engines course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Occupational Outlook Handbook

Automotive Electricity and Electronics Shop Manual

Model Rules of Professional Conduct

High-Performance Brake Systems

Today's Technician

NOTE: You are purchasing a standalone product; MyAutomotiveLab does not come packaged with this content. If you would like to purchase both the physical text and MyAutomotiveLab search for ISBN-10: 0134009088 / ISBN-13: 9780134009087. That package includes ISBN-10: 0133994619 / ISBN-13: 9780133994612 and ISBN-10:

0133995542/ISBN-13: 9780133995541. MyAutomotiveLab should only be purchased when required by an instructor. This title is intended for courses in Automotive Principles, Service, and/or Mechanics in technical trade schools and high schools. It also serves as an additional resource to prep for ASE certification, and as a useful reference for practicing professionals. Prepare tomorrow's automotive professionals for success Automotive Technology: Principles, Diagnosis, and Service, Fifth Edition covers all eight areas of automotive service, showing readers how automotive systems are connected, as well as the practical skills that students must master to be successful in the industry. Topics are divided into short chapters, which makes it easier to assign, learn, and master the content. Formatted to appeal to today's technical trade students, Halderman uses helpful tips and visuals to bring concepts to life and guide students through the procedures they'll use on the job. To keep your course current, all of the content is correlated to the latest NATEF tasks and ASE areas, and information on hot topics like electric and hybrid vehicles is included. Also available with MyAutomotiveLab This title is also available with MyAutomotiveLab-an online homework, tutorial, and assessment program designed to work with Automotive Technology to engage students and improve results. We've improved MyAutomotiveLab to better reflect the way instructors teach today. Now organized by ASE area, the new, easier-to-use design makes creating and personalizing assignments more intuitive and includes a new assignment calendar, which helps you document your students' progress.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Automotive Electricity and Electronics, Fourth Edition, provides complete coverage of the parts, operation, design, and troubleshooting of automotive electricity and electronics systems. Real examples and full color images throughout the text offer readers a practical approach to the diagnosis and repair of the NATEF tasks for the Automotive Electricity/Electronic Systems (A6) content area. Thoroughly revised and updated, the fourth edition has been peer reviewed by automotive instructors and experts in the field to ensure technical accuracy. This text is fully integrated with MyAutomotiveKit-an online resource for instructors and students that provides time-saving help for homework, quizzing, testing, multimedia activities, and videos. For more information: <http://www.myautomotivekit.com>.

Diagnosis and Troubleshooting of Automotive Electrical, Electronic, and Computer Systems

Today's Technician: Automotive Heating & Air Conditioning Classroom Manual and Shop Manual, Spiral bound Version

Automotive Heating and Air Conditioning