



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

By Chris Hadfield

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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.

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#### About the Author

Christopher Hadfield is currently director the Minnesota Transportation Center of Excellence. Previous to this appointment, he was dean of career and technical education in Brainerd, Minnesota, capping a decade of experience as an automotive technology instructor at secondary and post-secondary schools, including stints as department chair and program coordinator. Before teaching, Chris was a master certified automotive technician working for a GM dealership, an independent, and a retail store, as well as owning his own business. In addition to being ASE Master Certified and ASE L1 Advanced Engine Performance Certified, he has a Bachelor of Science degree in automotive engineering technology with a minor in manufacturing engineering technology from Minnesota State University Mankato, and he has a Master of Education degree in community college teaching and learning from the University of Illinois Urbana--Champaign. Combining high school and college teaching expertise, along with hands-on experience from the shop, Chris lends his critical eye to a variety of Delmar-Cengage Learning automotive publications, including TODAY'S TECHNICIAN: BASIC AUTOMOTIVE SERVICE & SYSTEMS and AUTOMOTIVE SERVICE JOB SHEETS FOR NATEF TASK MASTERY.

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