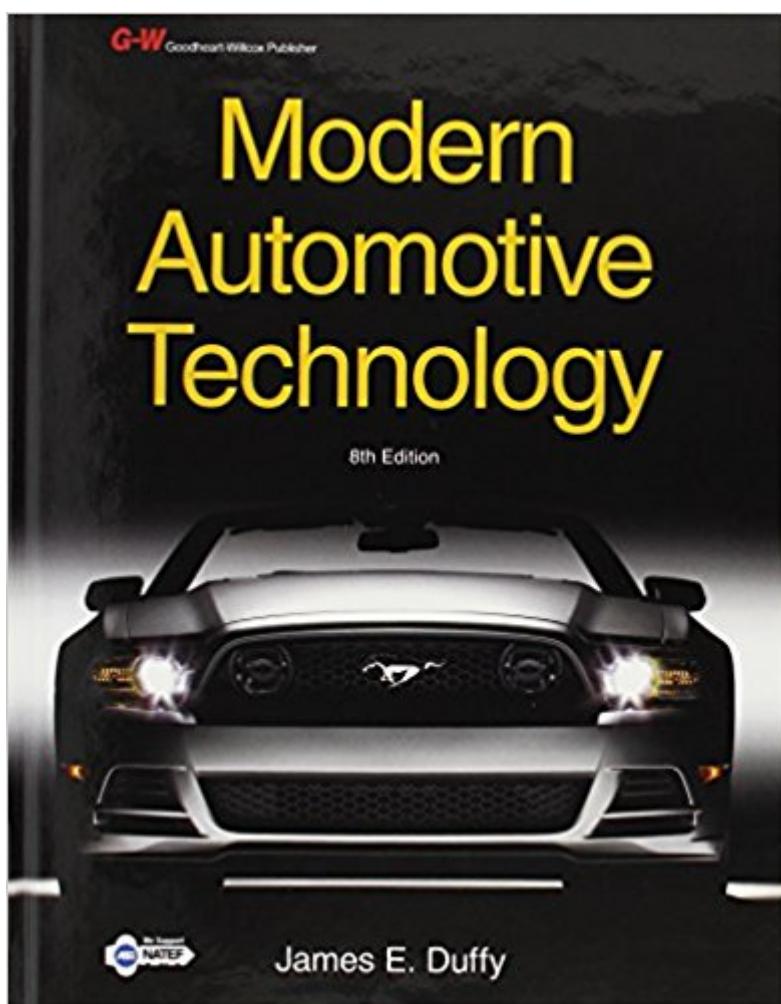


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# Modern Automotive Technology



## **Synopsis**

Modern Automotive Technology, updated for 2014, is a comprehensive textbook organized around the ASE automobile test areas that supports career readiness for those wishing to pursue a job in the automotive industry. It details the construction, operation, diagnosis, service, and repair of late-model automobiles and light trucks. Using a building block approach, readers first learn the fundamentals of automotive systems and then progress gradually to complex diagnostics and service procedures. Updated content throughout the textbook, including a new Fundamentals of Electricity and Electronics section and a new Superchargers and Turbochargers chapter, prepares you to service today's vehicles. This book is also a perfect reference for experienced technicians preparing for industry certification. Correlated to all three sections of the 2013 NATEF Task List. Covers 100% of the MLR Tasks. ASE-type questions in every chapter for certification preparation. Technical information presented in an easy-to-read format. New Engine Reassembly, Installation, and Break-in chapter. Six new chapters on electricity and electronics. Troubleshooting charts in each service chapter to support quick diagnosis. Hybrid drive system service and technology found throughout the book.

## **Book Information**

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## **Customer Reviews**

James E. Duffy has devoted much of his professional life to developing educational materials that help people understand vocational and technical subjects. Jim earned a Bachelor of Science degree in Industrial Technology from Indiana State University. After college, Jim worked as an automotive

instructor at Brandon High School in Brandon, Florida, and at Hillsborough Adult Education Center in Tampa, Florida. After teaching for several years, Jim joined Goodheart-Willcox Publisher as a technical editor and eventually began writing textbooks. In addition to Modern Automotive Technology, Jim's books include Auto Electricity and Electronics, Auto Engine Repair, Automatic Transmissions and Transaxles, and Manual Drive Trains and Axles.

I was very satisfied with the contents of this book. Even though it was required for my automotive class I would have bought this book even if I wasn't in school. It takes all the different sections in the automotive industry and breaks them down so they are easily understood. One of the better school text books around.

There exactly as advertised.

Very good information in this book. Needed it for my automotive class at Mech Tech institute. I plan on reading it word for word after finishing school.

The book will help a new mechanic or a senior one understand the new technology . A clear view from the tear down of my engines of past and present . The electronics alone will be a valuable asset for new cars. A must have for a DIY , or a person in the trade.

Comprehensive automotive book. It's simple and easy to read.The only draw back for me is that the answers should have been included in the book.I would recommend this book.

Book is very thorough and seems to cover everything you may ever want to know about cars and new technology that you need to know to make sure they keep on running.

this is a great book to buy is so complete.

Purchased for my son for his automotive class in school. Very informative book; lots of illustrations. Will most definitely use even after class is finished.

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