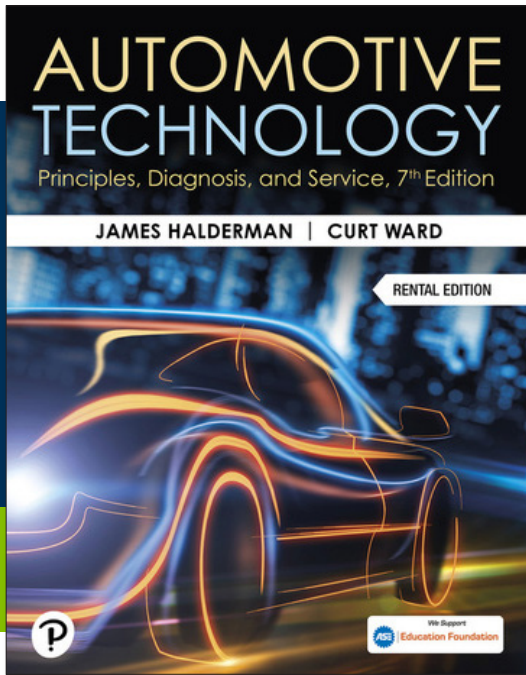




Automotive Technology: Principles, Diagnosis, and Service, 7th Edition

James Halderman | Curt Ward

Automotive Technology addresses advances in automotive systems. Written to current ASE tasks, the text examines the eight major areas of automotive service in 136 concise chapters. Practical examples and step-by-step photo sequences cover terminology, procedures and best practices. This title is part of the Pearson Automotive Professional Technician Series.

The **7th Edition** has been cited by instructors and reviewers as “hands down the best book on the market.” New and high-technology topics were added to 23 chapters.

New and Updated Features

- › **All the content meets and is correlated to the latest ASE Education Foundation tasks.** Each ASE area is covered in a consecutive series of chapters.
- › **All chapters have been updated** and older content replaced with new content covering the latest technologies.
- › **New topics have been added to 23 chapters.** Sample topics include health and environmental issues (Ch. 7), DSOs (Ch. 40), heat pump systems (Ch. 63), GDI systems (Ch. 76), Electric and Hybrid Electric Vehicles (Ch. 86-91), EV and HEV transmissions (Ch. 131) and Exhaust Systems (X1) (Ch. 136).
- › **More than 500 new full-color photos and line drawings (3,800 in total)** bring subject matter to life, such as good versus defective parts and the inner workings of components.

Hallmark Features

- › **Learning outcomes and objectives** are aligned with ASE standards and chapter content.
- › **Concise, easy-to-read chapters** present content in manageable sections, making it more digestible and easily understood by students.
- › **Step-by-step photo sequences** detail best-practice approaches for procedures such as diagnosing and troubleshooting faults.
- › **Case studies** in technical chapters cover the three C's (complaint, cause and correction) of handling real-world customer issues.
- › **All terms used adhere to the SAE J1930 standard**, for consistency with industry requirements.

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