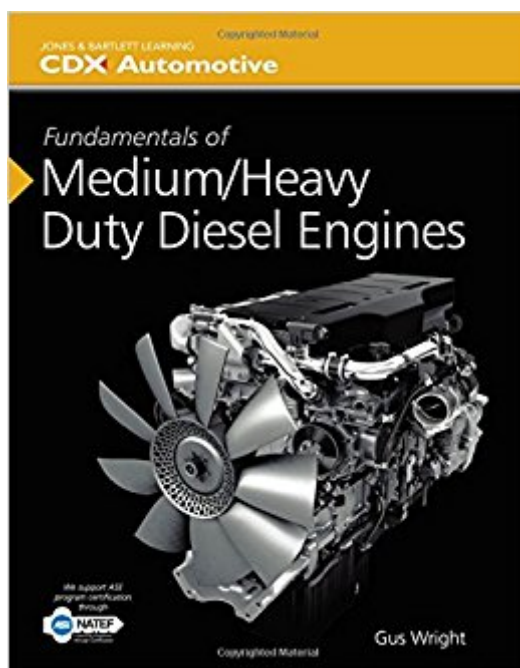


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# Fundamentals Of Medium/Heavy Duty Diesel Engines



## Synopsis

Based on the 2014 National Automotive Technicians Education Foundation (NATEF) Medium/Heavy Truck Tasks Lists and ASE Certification Test Series for truck and bus specialists, *Fundamentals of Medium/Heavy Duty Diesel Engines* is designed to address these and other international training standards. The text offers comprehensive coverage of every NATEF task with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. *Fundamentals of Medium/Heavy Duty Diesel Engines* describes safe and effective diagnostic, repair, and maintenance procedures for today's medium and heavy vehicle diesel engines, including the most current, relevant, and practical coverage of: HD-OBD emission diagnostics Common rail injection systems Exhaust after treatment systems, including diesel particulate filters, selective catalyst reduction (SCR), and lean NOx traps (LNT) Variable geometry and series turbocharging Exhaust gas recirculation Engine braking Major engine OEM-specific coverage of fuel, air induction, and diagnostic systems Electronic signal processing and sensor technology Additional features include: Up-to-date NATEF coverage Support of ASE certification test preparation for diesel engine, medium-heavy truck, and bus test series A clear, accessible writing style Reinforcement of concepts learned Application to real-world practice A wealth of photographs, illustrations, and step-by-step explanations with visual summaries

## Book Information

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## Customer Reviews

"Chapter follows NATEF standards very well. Knowledge and Skills objectives are very good and do a great job of covering expectations in the industry. Use of current technology and visuals is better than the current text we are using." ~Brent Newville, Dakota County Technical College

~"Very relative and balanced. Practical real world information. It is practical information that is invaluable to the technician." ~Robbie Lindhorst, Southeastern Illinois

College ~"Information is organized in such a way which makes it easy to follow and understand. Subject area is very informative and relevant." ~Billy Phillips, Johnston Community College

very good book to get started on and lots of information that you need to know if you own a diesel pickup and any other diesel equipment

Is as described.

Great. Book

Great book. Lot of information.

Not much different than any of the other books on Diesel engines I have read. Still a good book.

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