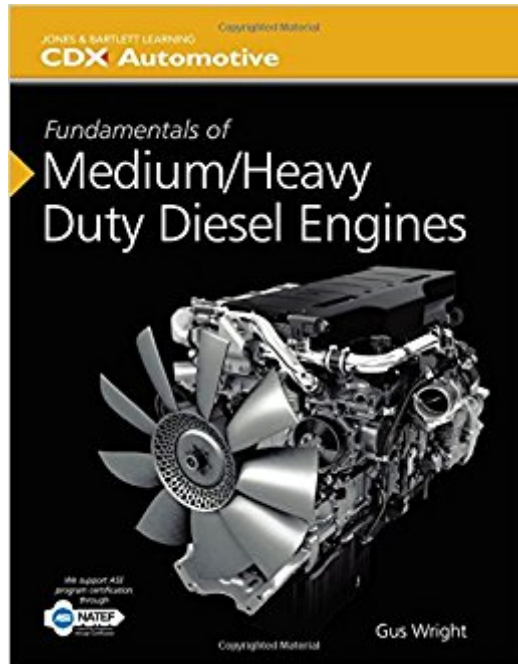




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Fundamentals Of Medium/Heavy Duty Diesel Engines



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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