



Fundamentals of Medium/Heavy Duty Diesel Engines (Hardback)

By Gus Wright, CDX Automotive

Jones and Bartlett Publishers, Inc, United States, 2015. Hardback. Book Condition: New. 277 x 218 mm. Language: English . Brand New Book. 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...



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