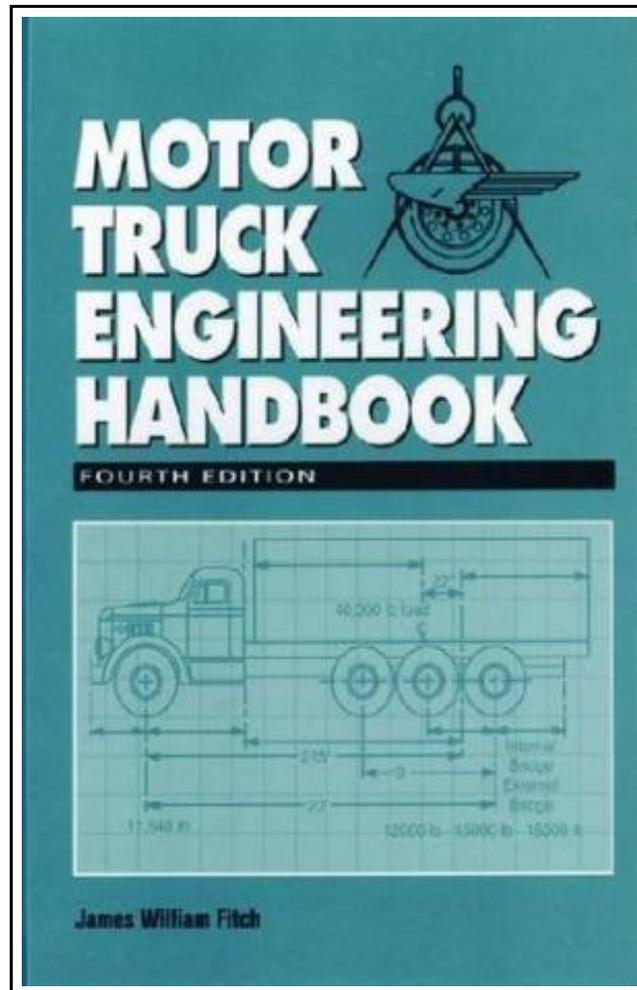


Motor Truck Engineering Handbook (4th Revised edition)



Filesize: 6.11 MB

Reviews

The ideal ebook i actually read through. It really is writter in simple words and phrases and not confusing. Its been written in an remarkably simple way and it is just after i finished reading this ebook where in fact modified me, affect the way i think.

(Alice Cremin)

MOTOR TRUCK ENGINEERING HANDBOOK (4TH REVISED EDITION)



To get **Motor Truck Engineering Handbook (4th Revised edition)** PDF, you should access the hyperlink beneath and save the document or gain access to other information that are relevant to MOTOR TRUCK ENGINEERING HANDBOOK (4TH REVISED EDITION) book.

SAE International. Hardback. Book Condition: new. BRAND NEW, Motor Truck Engineering Handbook (4th Revised edition), James William Fitch, The trucking industry is continually faced with spiraling costs which must be offset by more efficient application of equipment through improved methods and concepts in transportation. The fourth edition of the Motor Truck Engineering Handbook updates the basic truck engineering data from previous editions and introduces the latest advancements in electronic applications to truck powertrains and operations, assuring optimum performance and economy with a safer and cleaner environment. Useful data from official government tests on anti-lock brakes and traction enhance this edition. Likewise, environmental concerns are addressed through the use of non-polluting vehicles using alternative fuels and electrical energy. Chapter I- The Trucking Industry- Industry scope and truck facts; Registrations, revenues; Fundamentals of Metrics; IVHS. Chapter II- Selecting the Size and Type of Vehicle- Importance of proper selection for greater profits; International, federal, and state legal size and weight regulations; Chapter III- Road Performance- Significance of torque and horsepower; How to determine vehicle performance, speed, gradeability, acceleration and metrication; Factors affecting vehicle performance; Chapter IV- Fuel Economy and Operating Costs- Factors affecting fuel economy including engine design, lightweight materials, aerodynamics, radial tires, electronics, transmissions and rear axle ratios, driver ability and vehicle configuration; Fuel cost and maintenance, taxes and depreciation. Chapter V- Chassis Components- Vehicle frames, cooling systems, supporting equipment including lightweight components, electronic equipment, air shields, air cleaners and exhaust systems; Fasteners. Chapter VI- Engine Types- Diesel and gasoline power for heavy-duty vehicles; High torque concept and low rpm engines, turbochargers and charge air cooling; Chapter VII- Transmissions- Scope and function of powertrain; Selecting gear reductions for optimum performance; Determining proper gear splits; Analysis of truck gearing combinations; Selecting main and auxiliary transmission combinations; Transmissions for high torque and low rpm,...



[Read Motor Truck Engineering Handbook \(4th Revised edition\) Online](#)



[Download PDF Motor Truck Engineering Handbook \(4th Revised edition\)](#)

Other eBooks



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Click the web link listed below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF file.

[Read Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Click the web link listed below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

[Read Book »](#)



[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

Click the web link listed below to read "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF file.

[Read Book »](#)



[PDF] ESV Study Bible, Large Print (Hardback)

Click the web link listed below to read "ESV Study Bible, Large Print (Hardback)" PDF file.

[Read Book »](#)



[PDF] Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)

Click the web link listed below to read "Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)" PDF file.

[Read Book »](#)



[PDF] Becoming a Spacewalker: My Journey to the Stars (Hardback)

Click the web link listed below to read "Becoming a Spacewalker: My Journey to the Stars (Hardback)" PDF file.

[Read Book »](#)