

Mercedes Om352 Diesel Engine

From the birth of the tank to unmanned vehicles and the tanks of the future, *The Tank Book* offers a truly definitive look at over 400 different tanks, produced in association with The Tank Museum. Take an up-close look at British, US, Russian, German, and French tanks, meet key designers such as Mikhail Koshkin and Sir William Tritton, and discover the ground-breaking technology behind such vehicles as the Centurion, Hellcat, SV Scout, and T-14 Armata, and the legendary Tiger tank. Incredible photographic tours take you inside a variety of tanks, putting you in the seat of some of the most formidable vehicles to ever go to battle in World War I, World War II, the Cold War, and beyond. Perfect for anyone with an interest in military history, *The Tank Book* is the ultimate guide to tanks and their role on the battlefield.

Chilton's Diesel Engine Service Manual, 1984W G Nichols PubA Compendium of Armaments and Military Hardware (Routledge Revivals)Routledge

Mine-protected and mine-resistant, ambush-protected (MRAP) vehicles are today standard in the US, most major western armed forces and many other armies as a result of the wars in Iraq and Afghanistan. The South African Army was already routinely using mine-protected armored personnel carriers and patrol vehicles forty years ago even if they looked primitive and ungainly. A few years later, the South African Army had reached the stage where it could deploy entire combat groups into battle zones equipped with only mine-protected vehicles, including their ambulances and supply trucks. By then the mine-protected vehicles had also become effective for use in combat, rather than just protected transport, the Casspir being the chief example. More to the point, they saved countless soldiers and policemen from death or serious injury, and the basic concepts now live on in the various MRAP types in service today. The valuable lessons learned by the South Africans with their early designs of these combat-proven vehicles has led the country to become one of the global leaders in the design of MRAPs which are locally manufactured and exported around the world. *Surviving the Ride* is a fascinating pictorial account featuring more than 120 of these unique South African-developed vehicles, spanning a forty-year period, with over 280 photographs, many of which are previously unpublished.

Extensively researched and authoritatively and enthusiastically written, entries describe in detail the history of each particular company and of course the models for which they are famous.

Explore the military vehicles, artillery, and industrial weaponry that changed the course of history. From the first repeating rifles to the most advanced military technology of the 21st century, *Machines of War* presents a one-of-a-kind illustrated history of modern warfare, told through the weapons and vehicles that have dominated the battlefield since the Industrial Revolution. Discover vehicles from the Industrial era, World War I, World War II, the Cold War, and the modern world. Look up-close at the Gatling gun, the Spitfire fighter plane, the T-72 Tank and many more with virtual tours putting you at the helm of war's most formidable weapons. Featuring stunning photographs of key firearms, aircraft, tanks, warships, and more, *Machines Of War* offers a uniquely detailed look at the machines that have shaped the modern military world.

One of the most comprehensive, well documented, and well illustrated books on this subject. With extensive subject and geographical index. 41 photographs and

illustrations - mostly color. Free of charge in digital format on Google Books.

Bioreactors: Sustainable Design and Industrial Applications in Mitigation of GHG Emissions presents and compares the foundational concepts, state-of-the-art design and fabrication of bioreactors. Solidly based on theoretical fundamentals, the book examines various aspects of the commercially available bioreactors, such as construction and fabrication, design, modeling and simulation, development, operation, maintenance, management and target applications for biofuels production and bio-waste management. Emerging issues in commercial feasibility are explored, constraints and pathways for upscaling, and techno-economic assessment are also covered. This book provides researchers and engineers in the biofuels and waste management sectors a clear, at-a-glance understanding of the actual potential of different advanced bioreactors for their requirements. It is a must-have reference for better-informed decisions when selecting the appropriate technology models for sustainable systems development and commercialization.

Bioreactors will play a key role in the 21st century as the world faces two critical problems; volatile fuel prices and global climatic changes. Both of these are linked to the overdependence on the fossil fuels: petroleum, natural gas, and coal. Transportation is almost totally dependent on petroleum based fuels such as gasoline, diesel fuel, liquefied petroleum gas, and on natural gas. Despite a significant amount of research into biofuels, the field has not been able to replace fossil fuels. Recent advances will change this scenario. Extracting fuel from biomass has been very expensive (both monetarily and in land usage), time consuming, unusable byproducts, etc. Technology to obtain liquid fuel from non-fossil sources must be improved to be faster, more efficient and more cost-effective. This book will cover the current technology used for a variety of plant types and explore shortcomings with each.

A fresh look at a period in trucking history when power, weight and comfort increased dramatically. Features many previously unpublished pictures of all key models.

The second edition of this invaluable handbook covers converting vegetable oils, animal fats, and used oils into biodiesel fuel. The Biodiesel Handbook delivers solutions to issues associated with biodiesel feedstocks, production issues, quality control, viscosity, stability, applications, emissions, and other environmental impacts, as well as the status of the biodiesel industry worldwide. Incorporates the major research and other developments in the world of biodiesel in a comprehensive and practical format Includes reference materials and tables on biodiesel standards, unit conversions, and technical details in four appendices Presents details on other uses of biodiesel and other alternative diesel fuels from oils and fats

Beginning in 1985, one section is devoted to a special topic

First published in 1987, *The Compendium of Armaments and Military Hardware* provides, within a single volume, the salient technical and operational details of the most important weapons. The complete range of hardware used in land, sea and air forces throughout the world at the time of publication is covered, from tanks to rocket

systems, helicopters to cruise missiles, alongside full details of size, weight and operational range. The book's main strength lies in the detail it gives of armament and associated ammunition capabilities, and of the sensors and other electronics required for the weapons to be used effectively. A key title amongst Routledge reference reissues, Christopher Chant's important work will be of great value to students and professionals requiring a comprehensive and accessible reference guide, as well as to weapons 'buffs'.

The world's most comprehensive, well documented and well illustrated book on this subject. With extensive subject and geographical index. 145 photographs and illustrations - mostly color. Free of charge in digital PDF format on Google Books.

Tysk militærhistorie, tyske hær's historie, tyske regimenter. Et engelsk opslagsværk, encyclopædi, over den tyske hær's historie i det 20. århundrede. Bogen er opdelt i tre afsnit: Den tyske hær i 1. Verdenskrig; Den tyske hær i 2. Verdenskrig; Den tyske hær efter 1945, Bundesheer. Bogen er rigt illustreret (sort/hvide fotos) og har ikke bare hærens historie, men også beskrivelser af køretøjer, våben, våbentyper, udrustning, tekniske data og beskrivelser af kanoner, kampvogne, "ordnance", organisation, m.m. samt kronologisk oversigt over begivenhederne og udviklingen i både 1. og 2. Verdenskrig, og tekstafsnit om tysk militarisme, Versailles-traktaten, Tyskland i mellemkrigsårene, Det Tredie Rige, SS-divisioner, Tyskland efter 1945, Tyskland og NATO, nye våben som raketter og missiler, helikoptere, m.m.

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