1. Record Nr. UNINA9911061853603321

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Titolo	Electric Shocks: Are Drivers Rejecting the Electric Car? : History, Problems, Solutions and Alternatives / / by Bob Williams
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-031-98820-5
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (289 pages)
Collana	Mechanical Engineering (R0) Series
Disciplina	629.2
Soggetti	Automotive engineering Vehicles Sustainability Bioclimatology Automotive Engineering Vehicle Engineering Climate Change Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The need for so called green solutions for personal transport -- The history of electric vehicles -- Enter the BEV, the ‘solution’ to the politicians and environmentalists prayers -- Consequential impacts of the current BEV -- ‘New Energy Vehicles’ -- Other issues -- Ban hydrocarbon cars by 2035 (or should it be 2030?) -- The current BEV is proving to be ‘not fit for purpose’ -- Solutions -- Alternatives -- Conclusions.
Sommario/riassunto	This book provides a comprehensive exploration of the evolution of battery electric vehicles (BEVs), examining their advantages and the challenges they face in today's rapidly changing world. As the planet warms and human actions are scrutinized, BEVs emerge as a potential solution. However, despite initial growth fueled by government subsidies, the momentum is waning, and manufacturers are struggling to meet imposed targets. This book delves into the shortcomings of BEVs and explores forthcoming remedies and alternative technologies. Key concepts include the political and behavioral issues surrounding BEVs, the obstacles hindering their widespread adoption, and the

strategies needed to overcome these barriers. The book provides an unbiased overview of the current state of BEVs, offering insights into real-life experiences and problems foreseen. It serves as a valuable tool for understanding the claims and evolution of BEVs and their supporting infrastructure. Designed for a broad audience, this book is accessible to non-automotive engineers and those interested in the future of sustainable transportation. It bridges the gap between technical detail and high-level overview, providing a realistic projection based on leading research and available technologies. Whether you're a policymaker, industry professional, or curious reader, this book offers a grounded perspective on the future of BEVs.