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Automotive Electrics Automotive Electronics Horst Bauer, 2004 *Automotive Electrics and Automotive Electronics, Completely Revised and Extended* Robert Bosch GmbH, 2008-01-08 Complete reference guide to automotive electrics and electronics This new edition of the definitive reference for automotive engineers compiled by one of the world s largest automotive equipment suppliers includes new and updated material As in previous editions different topics are covered in a concise but descriptive way backed up by diagrams graphs photographs and tables enabling the reader to better comprehend the subject This fifth edition revises the classical topics of the vehicle electrical systems such as system architecture control components and sensors There is now greater detail on electronics and their application in the motor vehicle including electrical energy management EEM and discusses the topic of inter system networking within the vehicle It also includes a description of the concept of hybrid drive a topic that is particularly current due to its ability to reduce fuel consumption and

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the automotive industry *Motor Control Electronics Handbook* Richard Valentine, 1998-05-22 This book gives you expert design and application help in controlling all types of motors with precise adaptable intelligence Featuring the latest in electronics technology from the best and brightest in the business this expert guide gives you everything from the fundamentals to cutting edge design tips including real life examples with software code Fault Detection Wei Zhang, 2010-03-01 In this book a number of innovative fault diagnosis algorithms in recently years are introduced These methods can detect failures of various types of system effectively and with a relatively high significance Automotive Products Handbook ,1991 Electric & Hybrid Vehicles A.K. Babu, This concise book has been designed for easy reading and to meet the critical skill requirements of students in the branches of Automobile Engineering and Mechanical Engineering and Mechanical Engineering The contents are presented in 22 lucid chapters The book deals with the fundamentals electric vehicles EVs hybrid electric vehicles HEVs and fuel cell vehicles FCVs It comprehensively presents vehicle performance configuration and control strategy for different electric and hybrid electric vehicles This course book is intended for use as a Textbook and as a primary Reference book by colleges and technical universities offering core and elective subjects like Electric and Hybrid Vehicles and New Generation Vehicles *Bosch Technical Instruction V.2: Automotive Electronics for Safety, Comfort, and Reliability* Bosch Technical Instruction,

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