



The Operation, Care and Repair of Automobiles (Classic Reprint) (Paperback)

By Horseless Age

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English Brand New Book ***** Print on Demand *****. Excerpt from The Operation, Care and Repair of Automobiles It is a matter of common experience that a large proportion of the attention required in the care and maintenance of automobiles is demanded by their ignition apparatus. In order to be able successfully to cope with the difficulties arising from failures of ignition it is desirable not only to understand the general construction and mode of action of the various pieces of ignition apparatus, but to possess a working knowledge of the cardinal principles of electricity and magnetism. The following elementary considerations are therefore presented. General Electrical Principles. Electricity is a form of energy that makes itself manifest to the senses by its mechanical, thermal and chemical effects. For most practical purposes it may be regarded as a fluid that flows through bodies of certain materials called conductors as water flows through pipes. Just the same as water in flowing through pipes encounters a frictional resistance, so an electric current in flowing through a conductor encounters a resistance. The frictional resistance of a certain pipe to the flow...



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