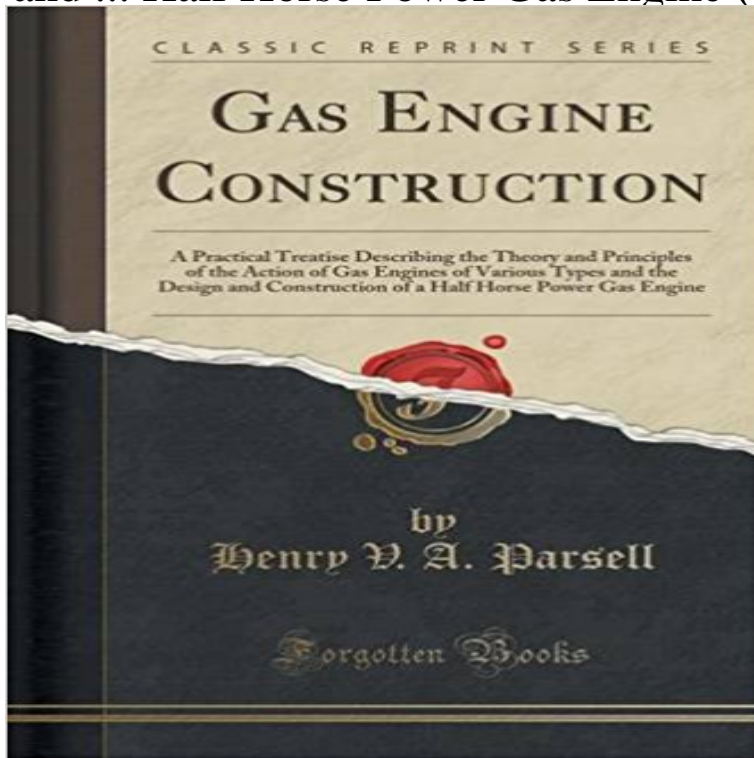


# Gas Engine Construction: A Practical Treatise Describing the Theory and Principles of the Action of Gas Engines of Various Types and the Design and ... Half Horse Power Gas Engine (Classic Reprint)



Excerpt from Gas Engine Construction: A Practical Treatise Describing the Theory and Principles of the Action of Gas Engines of Various Types and the Design and Construction of a Half Horse Power Gas Engine

The use of the gas engine as a convenient and reliable source of power is rapidly extending, and the present widespread interest in horseless vehicles is bringing the small gas engine into special prominence as a means to their propulsion. There are many good books on the gas engine, its theory, design, and various forms. There are books on various mechanical processes, turning, planing, filing, etc.; books, too, on how to make model boats, engines, locomotives and a host of mechanical toys, but no really practical book telling how to make one good machine and to make it well. It is with the above points in view that the authors have endeavored to give the amateur in this book: first, a broad and thorough knowledge of the principles of various forms of gas engines; second, a full and concise description of the making of a regular gas engine by practical shop methods, avoiding the makeshifts and bungling so prevalent in the toy machine books; third, a set of modified rules for designing similar engines, followed by a guide list of books and periodicals useful to the student. In preparing this work for the amateur the authors have departed somewhat from the conventional method so long in vogue, of illustrating the book with a few pen drawings and then calling on the readers imagination to spread these drawings over a long and minute specification of the necessary procedure. About the Publisher

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