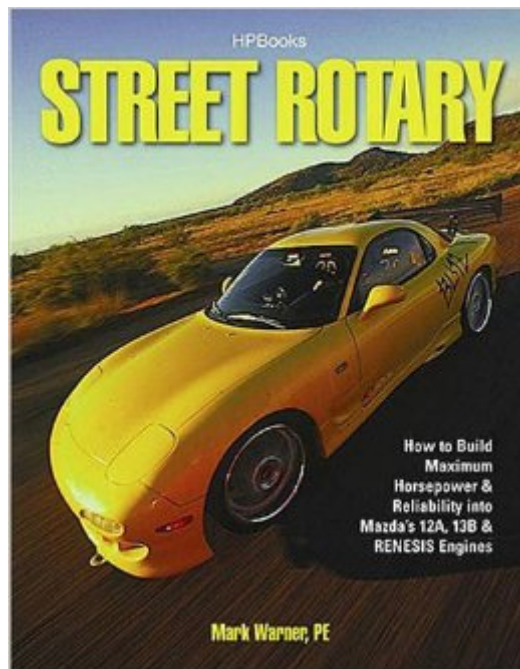


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# Street Rotary HP1549: How To Build Maximum Horsepower & Reliability Into Mazda's 12a, 13b & Renesis Engines



## Synopsis

The ultimate performance guide to the rotary engines built by Mazda from 1978 to the present.  
Includes: Engine history and identification ? Rotary engine fundamentals ? Component selection and modifications ? Housings and porting ? Rotors, seals, and internals ? Intake and fuel systems ? Exhaust Systems ? Engine management and ignition ? Oil and lubrication systems ? Forced induction ? Nitrous, water and alcohol injection

## Book Information

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Average Customer Review: 4.6 out of 5 starsÂ Â See all reviewsÂ (38 customer reviews)

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## Customer Reviews

i thought this was going to be a bit of a fluff book. i have seen most books of rotary mazdas and own many, and several are quite shallow and doesn't even deserve to be called coffee table books. this one, however, is quite detailed technically. it's nicely organized, and i don't really care that it's black and white. if you're interested in technical aspects of mazda rotary engines, and/or want to work on and tune things yourself this book is pretty much a must read. at the price, it's a super bargain. well done! books like this stay in print for a while but then demand disappears and it goes out of print. buy yours now, if not just for keeps.

just cant say enough of how awesome this book it, i bought it while back(figured i should leave some input ) but has lots of useful information for someone new to the Mazda RX-7 or even someone who has tinkered with the rotary motor for few years(as i have) , has some history and shows progression and very good diagrams and bits of info.but for the price its something well worth

the money.

Excellent book. Thorough, well written, easy to understand. Author is very knowledgeable on the subject. If you plan to modify your rotary engine or just want a better understanding of how it and its various components work and work together this is the best book on the subject and I have them all.

Interesting book, but not as detailed as I would have liked. I got this to diagnose problems and build some reliability in my IT7 race car.....it has not been a great deal of help. If you are a boy racer or street racer you may like it.

This is an excellent book, you can tell it was written by a mechanical engineer. It explores all possible aspects of building a performance rotary engine while informing the reader of history, common problems, advantages/disadvantages, etc. There are awesome pictures everywhere too, mostly provided by Mazda and aftermarket tuning/parts companies. I highly recommend this book if you are fascinated by the rotary engine and want to learn more.

One of the best books on reliability and performance upgrades on the legendary RX-7. Author Mark Warner breaks it down into bite size pieces the systems that require attention, and those that do not. Building from a core understanding of the rotary engine, it's history, complexity and uniqueness, Warner guides the reader in a fluid, easy-to-read manner. While lacking in definite details and exact how-tos, the reader can then find more detailed articles on the Internet at their discretion. This leaves the book short, sweet and concise without getting bogged down in the complexities of some modifications. For example, the notorious center weighted coolant gauge of the FD model, Warner offers a variety of solutions including mentioning the "jump" modification, without going into extended detail as there is a multi-page PDF document online covering this mod. A far superior read to nearly every other book on RX-7s out on the market, 'Street Rotary' is a virtual bargain (compared to the grossly overpriced RX-7 books available on the Internet) and is a highly recommended read for any RX-7 enthusiast.

Excellent book encompassing all versions of the rotary engine. Street Rotary encapsulates quite a bit of knowledge which is spread all over the internet and distills it into a very readable format. For anyone interested in getting started modifying, or simply understanding how the engine works, this is a must read.

Great book, read it from cover to cover and learned a lot about my rx7. I wish it would have gone into more detail on the subject of turbocharging, but I'll just have to get his other book on that. Highly recommended for any rotary enthusiast.

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