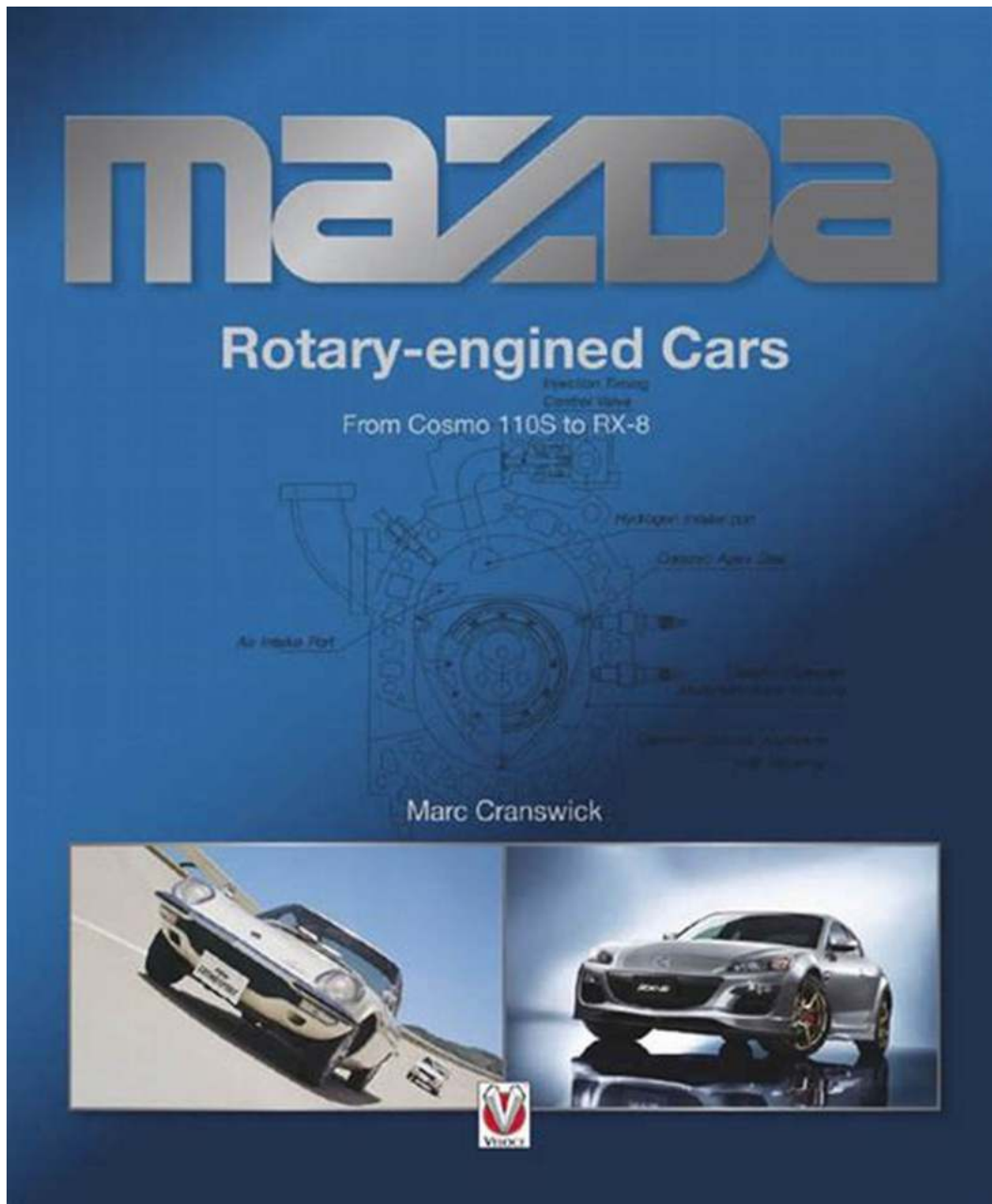


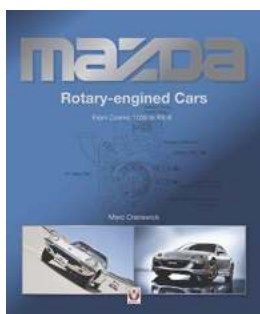
Mazda Rotary Engine Cars - The Definitive Guide



When it comes to automotive innovation, Mazda has always been at the forefront. One of their most iconic creations is their rotary engine, a unique powerplant that has put them in the annals of automotive history. In this definitive guide, we will explore the fascinating world of Mazda rotary engine cars.

What is a Rotary Engine?

A rotary engine, also known as a Wankel engine, is an internal combustion engine that uses a triangular rotor instead of conventional pistons. This design allows for a compact and lightweight engine with a high power-to-weight ratio. Mazda has been the primary automaker to embrace this technology.



Mazda Rotary-engined Cars: From Cosmo 110S to RX-8 by Marc Cranswick (Kindle Edition)

★★★★☆ 4.8 out of 5

Language : English

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Enhanced typesetting : Enabled

Print length : 389 pages

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The Birth of the Rotary Engine

The concept of the rotary engine dates back to the early 20th century when German engineer Felix Wankel developed the first functional prototype. However, it was Mazda who truly embraced and refined this technology. In 1967, Mazda released their first rotary-engined car, the Cosmo Sport. It was an instant hit and marked the beginning of a new era for the company.

A Legacy of Performance

Mazda's rotary engines quickly gained a reputation for their incredible performance. The unique design allowed for smooth and high-revving power delivery, making Mazda rotary engined cars a joy to drive. Models such as the RX-7 and RX-8 became synonymous with performance and garnered a loyal following.

The Rotary Engine in Motorsports

Mazda's commitment to motorsports has been legendary, and their rotary engine played a significant role in their success. The RX-7, in particular, became a force to be reckoned with on the racetrack. Its lightweight chassis and powerful rotary engine proved to be a winning combination, earning numerous victories and championships.

Challenges and Evolution

While the rotary engine had many advantages, it also faced challenges and criticism. Fuel consumption and emissions were areas where rotary engines struggled to keep up with their conventional counterparts. However, Mazda continued to innovate and improve the design, addressing these issues with each new generation of rotary-engined cars.

The End of an Era?

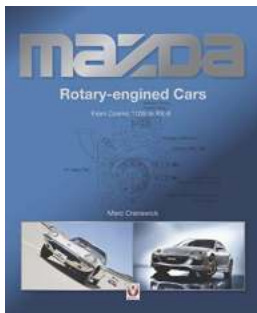
Despite Mazda's dedication to the rotary engine, they faced challenges in meeting increasingly stringent emissions regulations. In 2012, the Mazda RX-8, the last rotary-engined car produced by the company, rolled off the production line. While the future of the rotary engine remains uncertain, Mazda's legacy with this unique powerplant will never be forgotten.

Mazda rotary engined cars have left an indelible mark on the automotive landscape. With their unique design and exhilarating performance, these cars

have captured the hearts of enthusiasts worldwide. While the era of mass-produced rotary-engined cars may have come to an end, the spirit of innovation and performance that Mazda instilled in these machines will continue to inspire future generations.

Keywords: Mazda rotary engined cars, rotary engine, Wankel engine, Mazda RX-7, Mazda RX-8, automotive innovation, motorsports

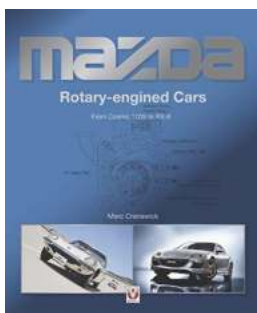
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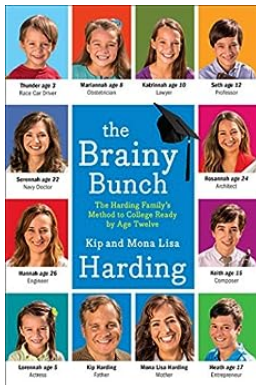
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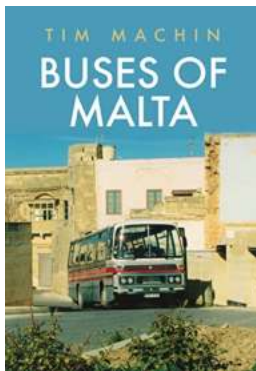
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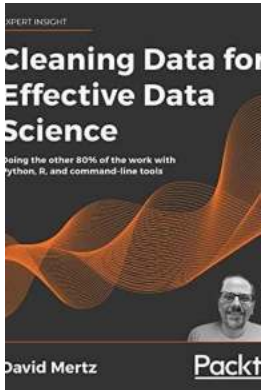
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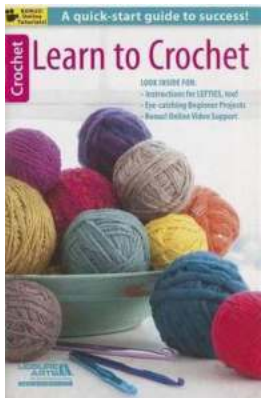
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