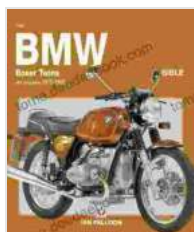


The BMW Boxer Twins 1970-1996 Bible: All Air-Cooled Models 1970-1996 Except R45

The BMW Boxer Twins are a series of air-cooled, flat-twin motorcycles produced by BMW Motorrad from 1923 to 1996. The name "Boxer" refers to the horizontally opposed engine configuration, in which the cylinders are arranged on either side of the crankshaft and move in opposite directions. This design provides inherent balance and smoothness, and has been a hallmark of BMW motorcycles for nearly a century.



The BMW Boxer Twins 1970-1996 Bible - All air-cooled models 1970-1996 (Except R45, R65, G/S & GS)

by Ian Falloon

★★★★☆ 4.4 out of 5

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The Boxer Twins produced from 1970 to 1996 are widely regarded as some of the most iconic and desirable BMW motorcycles ever made. They were known for their rugged construction, reliable performance, and classic styling. The lineup included a wide range of models, from the entry-level R50 to the top-of-the-line R100, each with its own unique character and purpose.

This article will provide a comprehensive overview of the BMW Boxer Twins produced from 1970 to 1996, excluding the R45 model. We will discuss the history, design, specifications, and performance of each model, and provide detailed descriptions of their unique features and characteristics.

History

The BMW Boxer Twin engine was first introduced in 1923 with the R32, the first motorcycle produced by BMW. The R32 featured a 500cc engine and a shaft drive, which became signature features of BMW motorcycles. The Boxer Twin engine proved to be a reliable and efficient design, and it was used in a wide range of BMW motorcycles over the years.

In the 1970s, BMW introduced a new generation of Boxer Twins that were designed to meet the changing needs of riders. These new models were more powerful, more comfortable, and more refined than their predecessors. They also featured a number of innovative design features, such as a hydraulic clutch and a five-speed gearbox.

The BMW Boxer Twins produced from 1970 to 1996 were a huge success, and they helped to establish BMW as one of the leading manufacturers of motorcycles in the world. They were used by a wide range of riders, from commuters to touring enthusiasts, and they became known for their reliability, performance, and style.

Design

The BMW Boxer Twins produced from 1970 to 1996 shared a number of common design features. They all had a flat-twin engine with a horizontally opposed cylinder configuration. The cylinders were air-cooled, and they

were mounted on either side of the crankshaft. The crankshaft was supported by two main bearings, and it was driven by a timing chain.

The Boxer Twins also had a shaft drive, which transmitted power from the transmission to the rear wheel. The shaft drive was enclosed in a tube, which protected it from dirt and debris. The rear suspension was a single-sided swingarm with a monoshock absorber.

The BMW Boxer Twins produced from 1970 to 1996 were available in a variety of different configurations. The R50 was the entry-level model, and it was powered by a 500cc engine. The R60 was a mid-range model, and it was powered by a 600cc engine. The R75 was a top-of-the-line model, and it was powered by a 750cc engine. The R80 was a special model that was introduced in 1978, and it was powered by an 800cc engine. The R90 was a limited-edition model that was introduced in 1973, and it was powered by a 900cc engine. The R100 was the largest and most powerful Boxer Twin produced from 1970 to 1996, and it was powered by a 1000cc engine.

Specifications

The following table provides the specifications for the BMW Boxer Twins produced from 1970 to 1996, excluding the R45 model:

Model	Engine Displacement	Bore x Stroke	Compression Ratio	Power	Torque	Weight
R50/5	494cc	70mm x 78mm	9.5:1	35hp @ 6500rpm	32ft-lb @ 5000rpm	380lbs
R60/5	599cc	82mm x 78mm	9.5:1	40hp @ 6500rpm	36ft-lb @ 5000rpm	405lbs
R75/5	745cc	89.6mm x 78mm	9.5:1	50hp @ 6500rpm	44ft-lb @ 5000rpm	440lbs
R80/7	797cc	90mm x 70.6mm	9.5:1	55hp @ 6500rpm	52ft-lb @ 5000rpm	450lbs
R90S	898cc	94mm x 70.6mm				

10.0:1 | 67hp @ 7500rpm | 60ft-lb @ 6500rpm | 480lbs | | R100/7 | 980cc | 94mm x 70.6mm | 9.5:1 | 60hp @ 6500rpm | 60ft-lb @ 5000rpm | 485lbs |

Performance

The BMW Boxer Twins produced from 1970 to 1996 were known for their reliable performance and smooth handling. They were capable of cruising at high speeds for long distances, and they were also well-suited for touring and commuting.

The R50 was the most basic Boxer Twin, and it was powered by a 500cc engine. The R50 was a good choice for riders who were looking for a reliable and economical motorcycle. The R60 was a more powerful model, and it was powered by a 600cc engine. The R60 was a good choice for riders who wanted a motorcycle that was more capable of handling highway speeds.

The R75 was the top-of-the-line Boxer Twin, and it was powered by a 750cc engine. The R75 was a very powerful motorcycle, and it was capable of reaching speeds of over 100mph. The R75 was a good choice for riders who wanted a motorcycle that was capable of long-distance touring.

The R80 was a special model that was introduced in 1978. The R80 was powered by an 800cc engine, and it was the most powerful Boxer Twin produced at the time. The R80 was a very popular model, and it was known for its smooth performance and excellent handling.

The R90S was a limited-edition model that was introduced in 1973. The R90S was powered by a 900cc engine, and it was the fastest Boxer Twin

produced at the time. The R90S was a very popular model, and it is still considered to be one of the most iconic BMW motorcycles ever

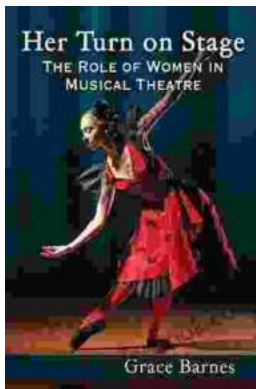


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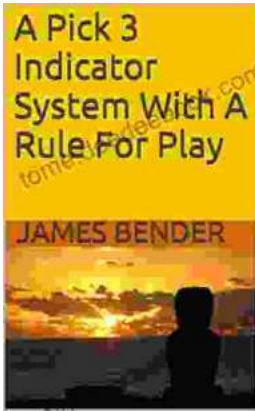
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