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RTMG Performance Connecting Rods Set X-Beam 21mm for 2.0 TFSI EA113 up to 1000HP+

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Opis produktu

Forged connecting rods are a popular upgrade for 2.0 TFSI EA113 engines, as they offer a number of benefits over the stock cast connecting rods. In this article, we'll take a look at what forged connecting rods are, how they differ from cast connecting rods, and why they are a good option for 2.0 TFSI EA113 engines.

First, let's define what connecting rods are and their role in the engine. Connecting rods are part of the piston assembly, and they connect the piston to the crankshaft. They are responsible for transferring the force of the expanding gases in the combustion chamber to the crankshaft, which converts this force into rotational motion.

Connecting rods are typically made of either cast or forged material. Cast connecting rods are made by pouring molten metal into a mold, where it cools and solidifies into the desired shape. Forged connecting rods, on the other hand, are made by using high-pressure machines to shape a piece of metal into the desired shape.

There are a number of advantages to using forged connecting rods over cast ones. Forged connecting rods are stronger and more durable than cast ones, which makes them less likely to fail under high loads and high RPMs. They are also lighter than cast connecting rods, which reduces the overall weight of the engine and improves its performance.

One of the main reasons that forged connecting rods are a good option for 2.0 TFSI EA113 engines is their ability to handle the increased loads and RPMs that can be generated by performance upgrades. The 2.0 TFSI EA113 engine is a popular choice for tuning and performance modifications, and forged connecting rods can help support these upgrades and prevent failure.

Additionally, forged connecting rods can improve the overall performance of 2.0 TFSI EA113 engines. As mentioned, they are lighter than cast connecting rods, which can help reduce the engine's overall weight and improve its power-to-weight ratio. This can result in improved acceleration and overall engine performance.

In conclusion, forged connecting rods are a good option for 2.0 TFSI EA113 engines. They are stronger, lighter, and more durable than cast connecting rods, and can support the increased loads and RPMs generated by performance upgrades. They can also improve the overall performance of the engine by reducing its weight and improving its power-to-weight ratio.