5efe engine specs

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5E-FE Engine: Key Specifications and FAQs

The 5E-FE engine is a 1.5-liter inline-four engine manufactured by Toyota Motor Corporation. It was introduced in 1990 and has been used in a variety of Toyota and Scion models.

Q: What are the basic specifications of the 5E-FE engine? A: The 5E-FE engine has a displacement of 1.497 liters, with a bore of 74.0 mm and a stroke of 85.5 mm. It has a compression ratio of 10.2:1 and produces a maximum output of 105 horsepower at 6,000 rpm and 105 lb-ft of torque at 4,800 rpm.

Q: What fuel type does the 5E-FE engine require? A: The 5E-FE engine requires regular unleaded gasoline with an octane rating of 87 or higher.

Q: What is the valve timing of the 5E-FE engine? A: The 5E-FE engine uses a single overhead camshaft (SOHC) to control the valves. The intake valves open at 10 degrees BTDC and close at 20 degrees ABDC, while the exhaust valves open at 20 degrees BBDC and close at 10 degrees ATDC.

Q: What is the lifespan of the 5E-FE engine? A: With proper maintenance, the 5E-FE engine can typically last for 200,000 to 300,000 miles or more. Regular oil changes, filter replacements, and tune-ups are essential for maximizing its lifespan.

Q: What vehicles use the 5E-FE engine? A: The 5E-FE engine has been used in a variety of Toyota and Scion models, including the Toyota Corolla, Tercel, Paseo, and Scion xA and xB.

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