

# 2nz fe engine manual

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### Frequently Asked Questions About the 2NZ-FE Engine

The 2NZ-FE engine is a 1.3-liter, four-cylinder engine that was used in a variety of Toyota vehicles from 1999 to 2016. It is known for its reliability and fuel efficiency, but like any engine, it can experience problems over time. Here are some of the most frequently asked questions about the 2NZ-FE engine.

#### 1. What is the 2NZ-FE engine's horsepower and torque?

The 2NZ-FE engine produces 84 horsepower and 97 lb-ft of torque.

#### 2. What is the 2NZ-FE engine's fuel efficiency?

The 2NZ-FE engine has an EPA-estimated fuel economy of 27 mpg in the city and 34 mpg on the highway.

#### 3. What are some common problems with the 2NZ-FE engine?

Some common problems with the 2NZ-FE engine include:

- **Oil consumption:** The 2NZ-FE engine is known to consume oil, especially at high mileage.
- **Valve cover gasket leak:** The valve cover gasket can leak oil, which can cause smoke and a burning smell.
- **Intake manifold gasket leak:** The intake manifold gasket can leak coolant, which can cause overheating and engine damage.
- **Timing chain noise:** The timing chain can become noisy over time, which can be a sign of impending failure.

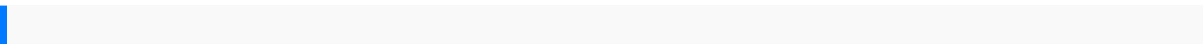
#### 4. How long does the 2NZ-FE engine last?

The 2NZ-FE engine can last for 200,000 miles or more with proper maintenance.

#### 5. What is the recommended maintenance schedule for the 2NZ-FE engine?

The recommended maintenance schedule for the 2NZ-FE engine is as follows:

- **Oil change:** Every 5,000 miles
- **Tire rotation:** Every 5,000 miles
- **Brake inspection:** Every 10,000 miles
- **Spark plug replacement:** Every 30,000 miles
- **Timing belt replacement:** Every 60,000 miles
- **Coolant flush:** Every 50,000 miles



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