

ford expedition 2017 fuel economy

ford expedition 2017 fuel economy is a key consideration for many buyers interested in this full-size SUV. Known for its spacious interior, powerful engine options, and advanced technology, the 2017 Ford Expedition also offers a fuel economy that balances performance with efficiency. Understanding the fuel consumption rates, factors that affect mileage, and how the 2017 Expedition compares to other vehicles in its class can help prospective owners make an informed decision. This article explores the EPA fuel economy ratings, real-world driving experiences, and tips for maximizing fuel efficiency in the 2017 Ford Expedition. Additionally, it covers the impact of engine choices and driving conditions on overall fuel consumption.

- Fuel Economy Ratings of the 2017 Ford Expedition
- Engine Options and Their Impact on Fuel Efficiency
- Factors Affecting Real-World Fuel Economy
- Comparing the 2017 Expedition's Fuel Economy to Competitors
- Tips for Improving Fuel Efficiency in the Ford Expedition

Fuel Economy Ratings of the 2017 Ford Expedition

The official fuel economy ratings for the 2017 Ford Expedition provide a standardized measure of its efficiency on the road. These ratings are determined by the Environmental Protection Agency (EPA) and are useful for comparing the Expedition to other vehicles in its segment. The 2017 model offers various configurations that slightly affect its fuel economy numbers, including two-wheel drive (2WD) and four-wheel drive (4WD) options.

EPA Estimated Miles Per Gallon

The 2017 Ford Expedition is equipped with a 3.5-liter EcoBoost V6 engine, which is designed to deliver a balance between power and efficiency. The EPA estimates for fuel economy are as follows:

- 2WD model: Approximately 17 miles per gallon (mpg) in the city and 23 mpg on the highway
- 4WD model: Approximately 16 mpg city and 22 mpg highway

- Combined fuel economy for 2WD: Around 19-20 mpg
- Combined fuel economy for 4WD: Around 18 mpg

These values reflect the vehicle's performance under standardized test conditions and serve as a baseline for expected fuel consumption.

Engine Options and Their Impact on Fuel Efficiency

The 2017 Ford Expedition is powered primarily by a single engine option—the 3.5-liter EcoBoost V6. This twin-turbocharged engine replaces the older naturally aspirated V8 and offers enhanced power output while aiming to improve fuel economy.

3.5-Liter EcoBoost V6 Engine

This engine produces 375 horsepower and 470 pound-feet of torque, delivering strong towing capabilities and responsive acceleration. The EcoBoost technology combines direct injection and turbocharging to optimize fuel consumption without sacrificing performance. Compared to the previous V8 engines in earlier Expeditions, the EcoBoost V6 achieves better fuel economy ratings while maintaining towing and hauling strengths.

Transmission and Drivetrain Influence

The 2017 Ford Expedition utilizes a six-speed automatic transmission designed to improve efficiency through optimized gear ratios and shift logic. The availability of 2WD and 4WD configurations also influences fuel economy, with 2WD models typically achieving slightly better mileage due to reduced drivetrain losses and weight.

Factors Affecting Real-World Fuel Economy

While EPA ratings provide a standardized measure, real-world fuel economy for the 2017 Ford Expedition can vary based on several factors. Understanding these variables is essential for managing expectations and improving overall efficiency.

Driving Conditions and Habits

Urban stop-and-go traffic generally results in lower fuel economy compared to steady highway cruising.

Aggressive acceleration, excessive idling, and speeding can all increase fuel consumption. Conversely, smooth driving and maintaining moderate speeds help maximize mileage.

Vehicle Load and Usage

The Expedition's fuel economy is also affected by the weight it carries. Fully loaded with passengers and cargo, especially when towing a trailer, the engine works harder, leading to increased fuel usage. Additionally, the use of features like air conditioning and roof racks can add aerodynamic drag and reduce efficiency.

Maintenance and Tire Condition

Proper vehicle maintenance, including timely oil changes, air filter replacements, and tire inflation, plays a significant role in fuel economy. Underinflated tires increase rolling resistance, which negatively impacts mileage.

Comparing the 2017 Expedition's Fuel Economy to Competitors

The 2017 Ford Expedition competes in the full-size SUV segment, where fuel economy is an important factor for buyers balancing space, power, and efficiency. Comparing the Expedition's fuel consumption ratings to similar models offers insight into its relative efficiency.

Competitor Fuel Economy Overview

- Chevrolet Tahoe (2017): Approximately 16-17 mpg city and 23 mpg highway
- GMC Yukon (2017): Around 16 mpg city and 23 mpg highway
- Nissan Armada (2017): Around 14 mpg city and 19 mpg highway
- Toyota Sequoia (2017): Approximately 13-15 mpg city and 17-19 mpg highway

Compared to these competitors, the Ford Expedition's EcoBoost engine provides competitive fuel economy, especially in city driving scenarios, while offering comparable towing and passenger capacities.

Tips for Improving Fuel Efficiency in the Ford Expedition

Maximizing the fuel economy of the 2017 Ford Expedition involves a combination of proper vehicle care and efficient driving practices. Implementing these strategies can help drivers reduce fuel consumption and lower operating costs.

Driving Techniques

- Accelerate gradually and avoid rapid starts
- Maintain steady speeds and use cruise control on highways when possible
- Avoid excessive idling to conserve fuel
- Reduce unnecessary weight by removing unused cargo
- Limit the use of roof racks or carriers that increase aerodynamic drag

Vehicle Maintenance

- Keep tires properly inflated to the manufacturer's recommended pressure
- Ensure regular oil and filter changes
- Replace dirty air filters to improve engine breathing
- Schedule routine engine tune-ups and check for any mechanical issues

Additional Considerations

Using higher quality fuel as recommended by Ford and monitoring tire alignment can further optimize fuel economy. Additionally, planning routes to avoid heavy traffic and minimize stop-and-go driving can contribute to better overall mileage.

Frequently Asked Questions

What is the average fuel economy of the 2017 Ford Expedition?

The 2017 Ford Expedition has an average fuel economy of approximately 17 miles per gallon in the city and 23 miles per gallon on the highway.

How does the 2017 Ford Expedition's fuel economy compare to other full-size SUVs?

The 2017 Ford Expedition's fuel economy is competitive among full-size SUVs, offering slightly better highway mileage than some rivals, but its city mileage is generally average for the segment.

What engine does the 2017 Ford Expedition use that affects its fuel economy?

The 2017 Ford Expedition is equipped with a 3.5-liter EcoBoost V6 engine, which improves fuel efficiency compared to larger V8 engines commonly found in full-size SUVs.

Does the 2017 Ford Expedition have any fuel-saving technologies?

Yes, the 2017 Ford Expedition features technologies such as direct fuel injection, turbocharging, and automatic start-stop, which help enhance fuel economy.

What fuel type is recommended for the 2017 Ford Expedition to achieve optimal fuel economy?

Regular unleaded gasoline is recommended for the 2017 Ford Expedition to achieve optimal fuel economy and performance.

How does driving style impact the fuel economy of the 2017 Ford Expedition?

Aggressive driving, rapid acceleration, and excessive idling can reduce the fuel economy of the 2017 Ford Expedition, while smooth acceleration and steady speeds improve it.

Are there any aftermarket modifications that can improve the 2017 Ford Expedition's fuel economy?

Aftermarket modifications such as installing low rolling resistance tires, using synthetic oils, and improving

aerodynamics can potentially improve the 2017 Ford Expedition's fuel economy, but results may vary.

Additional Resources

1. *Maximizing Fuel Efficiency in the 2017 Ford Expedition*

This book offers a comprehensive guide to improving the fuel economy of the 2017 Ford Expedition. It covers various driving techniques, maintenance tips, and modifications that can help owners get the most miles per gallon. Readers will find practical advice for city and highway driving scenarios, along with insights into the vehicle's engine and aerodynamics.

2. *The 2017 Ford Expedition: A Fuel Economy Owner's Manual*

Designed specifically for 2017 Ford Expedition owners, this manual provides detailed information on the vehicle's fuel consumption metrics. It explains how different trims and engine options affect fuel efficiency and offers step-by-step advice on monitoring and optimizing fuel use. The book also addresses common misconceptions about fuel economy in large SUVs.

3. *Driving Smart: Fuel Economy Tips for Your 2017 Ford Expedition*

This book focuses on smart driving habits that can significantly improve the fuel economy of the 2017 Ford Expedition. It discusses how acceleration, speed, and idling impact fuel usage and provides tips to reduce unnecessary consumption. The author also includes case studies from Expedition drivers who achieved impressive fuel savings.

4. *Maintenance and Fuel Economy: Keeping Your 2017 Ford Expedition Efficient*

Regular maintenance is key to optimal fuel performance, and this book dives into essential service routines for the 2017 Ford Expedition. Readers will learn about tire care, engine tuning, and other maintenance tasks that directly influence fuel economy. The guide also explains how to detect and fix common issues that degrade efficiency.

5. *Eco-Friendly Upgrades for the 2017 Ford Expedition*

For Expedition owners interested in aftermarket solutions, this book explores eco-friendly upgrades that can enhance fuel economy. It covers modifications such as low-rolling-resistance tires, aerodynamic enhancements, and fuel management systems. The book also evaluates the cost-effectiveness and environmental impact of each upgrade.

6. *Comparative Fuel Economy: 2017 Ford Expedition vs. Competitors*

This title compares the fuel economy of the 2017 Ford Expedition with similar full-size SUVs from other manufacturers. Detailed charts and test results help readers understand where the Expedition stands in terms of efficiency. The book also offers insights into why certain models perform better and what buyers should consider when choosing a fuel-efficient SUV.

7. *The Science of Fuel Economy in Large SUVs: Case Study of the 2017 Ford Expedition*

This technical book examines the engineering principles behind fuel economy in large SUVs, using the

2017 Ford Expedition as a case study. It explains how factors like vehicle weight, engine design, and transmission affect fuel consumption. The book is ideal for readers interested in automotive technology and fuel efficiency research.

8. Fuel Economy and Environmental Impact of the 2017 Ford Expedition

Focusing on the ecological footprint, this book analyzes the fuel economy of the 2017 Ford Expedition in relation to its environmental impact. It discusses emissions, fuel types, and how driving habits influence pollution levels. The book also suggests ways to reduce the environmental impact without sacrificing the utility of the SUV.

9. Real-World Fuel Economy Experiences: 2017 Ford Expedition Owners Speak Out

This collection of testimonials and real-world data presents a variety of fuel economy experiences from actual 2017 Ford Expedition owners. It highlights diverse driving conditions, modifications, and habits that affected fuel efficiency. Readers will gain practical insights and relatable stories that can help them optimize their own fuel consumption.

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