

ford explorer 2013 fuel economy

ford explorer 2013 fuel economy is a critical consideration for many buyers interested in this mid-size SUV, balancing performance with efficiency. The 2013 Ford Explorer offers a range of engine options and drivetrain configurations that influence its fuel efficiency. Understanding these variations helps prospective owners make informed decisions based on their driving habits and priorities. This article provides an in-depth analysis of the ford explorer 2013 fuel economy, comparing engine types, examining city and highway mileage, and exploring factors affecting overall fuel consumption. Additionally, it offers practical tips for maximizing fuel efficiency in this vehicle. The following sections will break down the essential information regarding the fuel economy of the 2013 Ford Explorer, ensuring a comprehensive overview for those interested.

- Overview of Ford Explorer 2013 Fuel Economy
- Engine Options and Their Impact on Fuel Efficiency
- City vs. Highway Fuel Economy Ratings
- Factors Affecting Fuel Economy in the Ford Explorer 2013
- Tips to Improve Fuel Efficiency for the 2013 Ford Explorer

Overview of Ford Explorer 2013 Fuel Economy

The ford explorer 2013 fuel economy varies depending on the model's engine type, drivetrain, and driving conditions. This SUV was designed to offer a balance between power and efficiency, making it a popular choice for families and individuals seeking versatility without excessive fuel consumption. Generally, the 2013 Explorer's fuel economy ranges from moderate to average compared to other vehicles in its class. While not the most fuel-efficient SUV, it provides respectable mileage figures that meet the needs of many drivers.

The Environmental Protection Agency (EPA) fuel economy ratings for the 2013 Ford Explorer reflect its diverse engine lineup and drivetrain options. Buyers can choose between rear-wheel drive (RWD) and four-wheel drive (4WD) variants, which also influence fuel consumption. The vehicle's size, weight, and aerodynamics contribute to its overall fuel efficiency, with a focus on delivering reasonable mileage without sacrificing performance.

Engine Options and Their Impact on Fuel

Efficiency

The Ford Explorer 2013 fuel economy is closely tied to the engine options available for this model year. Ford offered two primary engines: a 3.5-liter V6 and a more powerful 2.0-liter turbocharged four-cylinder EcoBoost engine. Each engine provides different fuel economy outcomes, catering to users with varying performance and efficiency priorities.

3.5-Liter V6 Engine

The standard 3.5-liter V6 engine produces 290 horsepower and is equipped with a six-speed automatic transmission. This engine balances power and fuel efficiency, delivering adequate acceleration and towing capacity. The EPA estimates for the V6 engine are:

- Rear-Wheel Drive: Approximately 17 miles per gallon (mpg) city and 24 mpg highway
- Four-Wheel Drive: Approximately 16 mpg city and 22 mpg highway

This engine option is the most common and offers a dependable fuel economy for daily driving needs.

2.0-Liter EcoBoost Four-Cylinder Engine

The 2.0-liter turbocharged EcoBoost four-cylinder engine is designed for improved fuel economy without compromising power, producing 240 horsepower. This engine option is available with rear-wheel drive and features advanced fuel-saving technology. The EPA fuel economy ratings for the EcoBoost engine are:

- Rear-Wheel Drive: Approximately 20 mpg city and 28 mpg highway

The EcoBoost engine provides a significant improvement in fuel efficiency compared to the V6, making it an attractive choice for fuel-conscious buyers.

City vs. Highway Fuel Economy Ratings

The Ford Explorer 2013 fuel economy differs notably between city and highway driving due to varying conditions such as stop-and-go traffic and steady cruising speeds. Understanding these differences helps drivers anticipate real-world fuel consumption more accurately.

City Fuel Economy

City driving typically involves frequent stops, idling, and lower speeds, which reduce fuel efficiency. For the 2013 Ford Explorer, city mileage ranges from 16 to 20 mpg depending

on the engine and drivetrain configuration. The V6 engine generally achieves around 16-17 mpg in urban environments, while the EcoBoost engine reaches closer to 20 mpg thanks to its turbocharged design and smaller displacement.

Highway Fuel Economy

Highway driving allows for consistent speeds and less frequent braking, resulting in better fuel economy. The Ford Explorer 2013 fuel economy on highways varies between 22 and 28 mpg. The V6 engine models typically achieve 22-24 mpg, while the EcoBoost engine excels with up to 28 mpg on the highway, highlighting its efficiency advantage during long-distance travel.

Factors Affecting Fuel Economy in the Ford Explorer 2013

Several factors influence the actual fuel economy experienced by drivers of the 2013 Ford Explorer beyond the official EPA ratings. These elements can cause variations in fuel consumption based on individual usage and environmental conditions.

Driving Habits

Aggressive driving, including rapid acceleration and hard braking, can significantly decrease fuel efficiency. Maintaining smooth acceleration and deceleration helps preserve fuel economy.

Vehicle Load and Towing

The weight carried by the vehicle, including passengers and cargo, impacts fuel consumption. Additionally, towing heavy trailers or loads increases engine strain and reduces miles per gallon.

Maintenance and Tire Condition

Proper vehicle maintenance, such as regular oil changes, air filter replacements, and maintaining correct tire pressure, is crucial to optimizing fuel economy. Underinflated or worn tires increase rolling resistance and fuel usage.

Weather and Terrain

Cold temperatures can lower fuel efficiency due to longer engine warm-up times and increased aerodynamic drag from winter accessories. Similarly, hilly or mountainous terrain requires more engine power, reducing overall fuel economy.

Tips to Improve Fuel Efficiency for the 2013 Ford Explorer

Improving the Ford Explorer 2013 fuel economy is achievable through practical steps that optimize driving and vehicle condition. Implementing these tips can lead to noticeable savings at the pump.

- **Maintain steady speeds:** Use cruise control on highways to avoid unnecessary acceleration and braking.
- **Reduce excess weight:** Remove unnecessary cargo to lighten the vehicle's load.
- **Keep tires properly inflated:** Check tire pressure regularly and maintain it at the manufacturer's recommended levels.
- **Schedule regular maintenance:** Follow the manufacturer's maintenance schedule for engine tune-ups, oil changes, and air filter replacements.
- **Limit idling time:** Turn off the engine when parked or waiting for extended periods.
- **Plan efficient routes:** Combine errands and avoid congested roads when possible to reduce stop-and-go driving.
- **Avoid aggressive driving:** Accelerate gently and anticipate traffic flow to minimize hard braking.

Frequently Asked Questions

What is the average fuel economy of the 2013 Ford Explorer?

The 2013 Ford Explorer has an average fuel economy of approximately 17 miles per gallon (mpg) in the city and 24 mpg on the highway.

How does the 2013 Ford Explorer's fuel economy compare to other SUVs in its class?

The 2013 Ford Explorer's fuel economy is about average for midsize SUVs from that year, with competitors offering similar city and highway mpg ratings.

Does the 2013 Ford Explorer have different fuel

economy ratings based on its engine options?

Yes, the 2013 Ford Explorer offers different engines, including a 3.5L V6 and a 2.0L EcoBoost 4-cylinder, with the EcoBoost engine providing better fuel efficiency compared to the V6.

What factors can affect the fuel economy of a 2013 Ford Explorer?

Factors such as driving habits, vehicle maintenance, tire pressure, load weight, and driving conditions can significantly impact the fuel economy of the 2013 Ford Explorer.

Is the 2013 Ford Explorer available with a fuel-efficient EcoBoost engine?

Yes, the 2013 Ford Explorer offers a 2.0L EcoBoost 4-cylinder engine option that improves fuel economy compared to the standard 3.5L V6 engine.

Can the 2013 Ford Explorer achieve better fuel economy with all-wheel drive (AWD)?

Typically, the 2013 Ford Explorer's fuel economy is slightly lower with AWD compared to the rear-wheel drive models due to increased drivetrain weight and mechanical drag.

What is the estimated fuel cost for the 2013 Ford Explorer based on its fuel economy?

Assuming an average fuel price of \$3.50 per gallon and driving 15,000 miles annually, the 2013 Ford Explorer would cost roughly \$2,188 to \$3,088 per year in fuel, depending on engine and driving conditions.

Additional Resources

1. Maximizing Fuel Efficiency in the 2013 Ford Explorer

This book offers a comprehensive guide to improving the fuel economy of the 2013 Ford Explorer. It covers maintenance tips, driving habits, and aftermarket modifications that can help owners get the most miles per gallon. Readers will find practical advice tailored specifically to this model's engine and design.

2. The 2013 Ford Explorer Owner's Manual: Fuel Economy Edition

A specialized edition of the owner's manual focusing on fuel economy, this book breaks down the technical aspects of the 2013 Explorer's fuel system. It explains how different driving conditions affect fuel consumption and offers strategies for efficient driving. The manual also includes troubleshooting tips for common fuel-related issues.

3. Eco-Driving Techniques for Your Ford Explorer 2013

This book teaches drivers how to adopt eco-friendly driving techniques to reduce fuel

consumption. It discusses acceleration, braking, gear shifting, and speed management specifically for the 2013 Ford Explorer. The guide aims to help drivers save money on fuel while reducing their carbon footprint.

4. Understanding the 2013 Ford Explorer's Engine and Fuel System

Focused on the mechanical and engineering aspects, this book explains how the 2013 Ford Explorer's engine operates and how it impacts fuel economy. It covers the fuel injection system, engine tuning, and emission controls. Ideal for car enthusiasts and mechanics looking to optimize fuel performance.

5. Aftermarket Upgrades to Boost Fuel Economy in the 2013 Ford Explorer

This book explores various aftermarket parts and upgrades that can enhance the fuel efficiency of a 2013 Ford Explorer. From improved air filters to advanced fuel management systems, it provides detailed reviews and installation guides. Readers will learn how to choose upgrades that provide real savings at the pump.

6. Fuel Economy Myths and Facts: The 2013 Ford Explorer Edition

Separating fact from fiction, this book addresses common misconceptions about fuel economy related to the 2013 Ford Explorer. It provides evidence-based explanations and debunks popular myths. A valuable resource for owners who want to make informed decisions about their vehicle's fuel use.

7. Driving Conditions and Their Impact on 2013 Ford Explorer Fuel Economy

This book analyzes how different driving environments such as city traffic, highway cruising, and off-road conditions affect fuel consumption in the 2013 Ford Explorer. It offers targeted advice for adapting driving style to each condition to maximize efficiency. The book is filled with real-world data and case studies.

8. Maintenance Schedules to Improve Fuel Economy in the 2013 Ford Explorer

A detailed guide to the maintenance practices that directly influence fuel economy, this book outlines the optimal service intervals for the 2013 Ford Explorer. It highlights key components like spark plugs, oxygen sensors, and tire pressure. Following these schedules can help owners maintain peak fuel efficiency.

9. Hybrid and Alternative Fuel Options for the 2013 Ford Explorer

Exploring the possibilities of converting or supplementing the 2013 Ford Explorer with hybrid or alternative fuel technologies, this book discusses the feasibility and benefits. It reviews conversion kits, biofuel compatibility, and electric assist options. The book aims to help environmentally conscious owners reduce fuel costs and emissions.

[Ford Explorer 2013 Fuel Economy](#)

Ford Explorer 2013 Fuel Economy

Related Articles

- [fordham leadership academy bronx ny](#)
- [ford ranger 4x4 fuel economy](#)

- [ford f350 6.7 powerstroke fuel economy](#)

[Back to Home](#)