

2007 acura tl type s fuel economy

2007 acura tl type s fuel economy remains a significant consideration for buyers interested in performance sedans that balance power with efficiency. The 2007 Acura TL Type S combines a sporty driving experience with respectable fuel consumption figures, making it a noteworthy option in the luxury midsize sedan segment. Understanding the fuel economy of the 2007 Acura TL Type S involves examining its engine specifications, transmission options, and real-world driving performance. This article delves deeply into the fuel efficiency statistics, factors affecting mileage, and comparisons with competitors in the same category. Additionally, it explores driving habits and maintenance tips that can optimize the fuel economy of this model. The comprehensive overview aims to provide potential owners and enthusiasts with detailed insights into what to expect in terms of fuel consumption for the 2007 Acura TL Type S. The following sections will cover the fuel economy specifications, influencing factors, comparisons, and practical advice for maximizing efficiency.

- Fuel Economy Specifications of the 2007 Acura TL Type S
- Factors Influencing Fuel Economy
- Comparative Analysis with Competitors
- Tips to Improve Fuel Efficiency

Fuel Economy Specifications of the 2007 Acura TL Type S

The 2007 Acura TL Type S is equipped with a robust 3.5-liter V6 engine paired with a 6-speed manual transmission or an automatic transmission option, which influences its fuel economy ratings. This model is known for delivering a blend of sporty performance with practical fuel consumption for its class. Official EPA ratings provide a benchmark for city and highway mileage, but actual results can vary depending on driving conditions and maintenance.

EPA Fuel Economy Ratings

According to the Environmental Protection Agency (EPA), the 2007 Acura TL Type S achieves approximately 18 miles per gallon (mpg) in urban driving conditions and about 25 mpg on the highway. Combined, the average fuel economy rating is roughly 21 mpg. These figures reflect the balance between the Type S's performance-oriented engine and its efficiency measures.

Engine and Transmission Impact

The Type S's 3.5-liter SOHC VTEC V6 engine produces 286 horsepower, which

requires more fuel than smaller engines but provides enhanced acceleration and responsiveness. The availability of a 6-speed manual transmission can slightly improve fuel efficiency for drivers who optimize gear shifts, whereas the automatic transmission offers convenience with slightly lower fuel economy.

Factors Influencing Fuel Economy

Several variables impact the 2007 Acura TL Type S fuel economy beyond the basic EPA ratings. Understanding these factors can help owners anticipate real-world mileage and take steps to maintain or improve efficiency.

Driving Habits

Aggressive acceleration, high-speed driving, and frequent stop-and-go traffic reduce fuel economy significantly. Conversely, smooth acceleration, steady speeds, and anticipating traffic flow help conserve fuel. The Type S's performance capabilities may tempt spirited driving, which naturally lowers mileage.

Vehicle Maintenance

Proper maintenance is crucial in sustaining optimal fuel economy. Regular oil changes, air filter replacements, and tire pressure checks ensure the engine runs efficiently and reduces unnecessary fuel consumption. Neglected maintenance can lead to poor combustion and higher fuel use.

Environmental and Road Conditions

Fuel economy can be affected by road terrain, weather, and traffic conditions. Driving uphill, in extreme temperatures, or in heavy traffic usually decreases the miles per gallon achieved. The Type S, being a luxury sedan, handles varied conditions well but still experiences typical mileage fluctuations under these circumstances.

Comparative Analysis with Competitors

When considering the 2007 Acura TL Type S fuel economy, it is helpful to compare it with similar vehicles in the midsize luxury sport sedan segment. This comparison highlights how the Type S stands relative to its peers regarding fuel efficiency and performance.

Comparison with BMW 3 Series

The 2007 BMW 335i, a direct competitor, features a turbocharged inline-six engine that generally achieves slightly better highway mileage, around 26 mpg, but similar city mileage near 18-19 mpg. While the BMW may edge out the Acura on highway efficiency, the TL Type S offers a more affordable ownership cost and reliability reputation.

Comparison with Audi A4

The Audi A4 3.2 quattro from the same year delivers fuel economy figures close to 18 mpg city and 26 mpg highway, comparable to the Acura TL Type S. The Audi's all-wheel-drive system adds weight, potentially lowering fuel efficiency in some situations but improving traction and handling.

Comparison with Lexus IS 350

The Lexus IS 350, another competitor, posts similar fuel economy numbers, generally around 17-19 mpg city and 24-26 mpg highway. The Acura TL Type S matches or slightly exceeds these figures while providing a spacious interior and user-friendly technology features.

Tips to Improve Fuel Efficiency

Owners seeking to maximize the 2007 Acura TL Type S fuel economy can adopt several practical strategies. These approaches help reduce fuel consumption without sacrificing the vehicle's performance and driving enjoyment.

- **Maintain Proper Tire Pressure:** Underinflated tires increase rolling resistance and reduce fuel efficiency.
- **Regular Engine Tune-Ups:** Timely replacement of spark plugs and air filters keeps the engine operating efficiently.
- **Smooth Driving:** Avoid rapid acceleration and hard braking to conserve fuel.
- **Limit Excess Weight:** Remove unnecessary cargo to reduce the vehicle's load and improve mileage.
- **Use Cruise Control:** On highways, cruise control helps maintain a steady speed and can improve fuel economy.
- **Minimize Idling:** Turn off the engine during prolonged stops to save fuel.
- **Plan Efficient Routes:** Combining errands and avoiding congested areas lowers overall fuel use.

Frequently Asked Questions

What is the average fuel economy of the 2007 Acura TL Type S?

The 2007 Acura TL Type S has an average fuel economy of approximately 17 miles per gallon (mpg) in the city and 24 mpg on the highway.

How does the 2007 Acura TL Type S fuel economy compare to other cars in its class?

The 2007 Acura TL Type S offers competitive fuel economy for a performance-oriented midsize luxury sedan, with slightly lower mpg than non-Type S variants due to its more powerful engine.

What type of fuel does the 2007 Acura TL Type S require?

The 2007 Acura TL Type S requires premium unleaded gasoline (91 octane or higher) for optimal performance and fuel efficiency.

Can driving habits affect the fuel economy of the 2007 Acura TL Type S?

Yes, aggressive driving, rapid acceleration, and excessive idling can reduce the fuel economy of the 2007 Acura TL Type S, while smooth driving and maintaining steady speeds can help improve it.

Are there any recommended maintenance tips to improve the fuel economy of the 2007 Acura TL Type S?

Regular maintenance such as timely oil changes, maintaining proper tire pressure, using the recommended fuel type, and replacing air filters can help improve the fuel economy of the 2007 Acura TL Type S.

Does the 2007 Acura TL Type S have any fuel-saving technologies?

The 2007 Acura TL Type S does not feature advanced fuel-saving technologies like cylinder deactivation but benefits from a well-tuned V6 engine and efficient transmission for its time.

How does the 2007 Acura TL Type S's all-wheel-drive system affect its fuel economy?

The 2007 Acura TL Type S is front-wheel drive, not all-wheel drive, which generally helps maintain better fuel economy compared to all-wheel-drive systems.

What is the fuel tank capacity of the 2007 Acura TL Type S and how does it impact driving range?

The 2007 Acura TL Type S has a fuel tank capacity of approximately 18.5 gallons, providing a driving range of around 300 to 400 miles depending on driving conditions and fuel economy.

Additional Resources

1. *Maximizing Fuel Efficiency in the 2007 Acura TL Type S*

This book offers an in-depth guide to improving the fuel economy of the 2007 Acura TL Type S. It covers practical driving tips, maintenance routines, and modifications that can enhance mileage. Readers will learn how to balance performance with fuel savings without compromising the vehicle's sporty nature.

2. *The Complete Owner's Manual for the 2007 Acura TL Type S: Fuel Economy Edition*

Designed for Acura TL Type S owners, this manual focuses specifically on fuel economy aspects. It explains factory settings, fuel consumption rates, and recommended practices to keep fuel usage low. Detailed sections include tire maintenance, engine tuning, and aerodynamic considerations.

3. *Understanding Acura TL Type S Fuel Systems: A 2007 Perspective*

This technical book dives into the fuel system components of the 2007 Acura TL Type S. It explains how the fuel injection, sensors, and engine management affect gas mileage. Mechanics and enthusiasts will find valuable insights for diagnosing and optimizing fuel efficiency.

4. *Eco-Driving Techniques for the 2007 Acura TL Type S*

Focused on driving habits, this book teaches how to adopt eco-friendly driving techniques tailored to the Acura TL Type S. Topics include acceleration control, gear shifting, and route planning to reduce fuel consumption. Real-world examples demonstrate how small changes can lead to significant savings.

5. *Performance vs. Economy: Balancing Power and Fuel Use in the Acura TL Type S*

This book explores the trade-offs between maintaining the Acura TL Type S's performance and improving fuel economy. It discusses engine tuning, aftermarket parts, and driving strategies that help find the ideal balance. Enthusiasts will appreciate the detailed comparisons and case studies.

6. *Maintaining Your 2007 Acura TL Type S for Optimal Fuel Economy*

Regular maintenance is key to fuel efficiency, and this guide covers all necessary upkeep for the 2007 Acura TL Type S. From oil changes to air filter replacements, it explains how each task impacts fuel consumption. The book also includes checklists and schedules for easy reference.

7. *The Environmental Impact of the 2007 Acura TL Type S: Fuel Economy Considerations*

This book examines the ecological footprint of the 2007 Acura TL Type S through the lens of fuel economy. It discusses emissions, fuel usage, and alternative fuels, providing a comprehensive understanding of the vehicle's environmental performance. Readers interested in green driving will find useful tips.

8. *Aftermarket Solutions to Improve Fuel Economy in the 2007 Acura TL Type S*
For those looking to upgrade their Acura TL Type S, this book reviews aftermarket parts and technologies that can enhance fuel efficiency. It includes evaluations of fuel-saving devices, tires, and engine modifications. Expert advice helps readers choose the best options without sacrificing safety or reliability.

9. *Fuel Economy Troubleshooting for the 2007 Acura TL Type S*
When fuel consumption rises unexpectedly, this troubleshooting guide helps owners identify and fix common problems in the 2007 Acura TL Type S. It covers diagnostic methods, sensor checks, and common mechanical issues that impact mileage. Step-by-step instructions make it accessible for DIY mechanics.

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