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Trucks With the Best Gas Mileage in 2024

By Michael O'Connor | January 26, 2024

A new pickup truck is your best bet if you are looking for comfort on top of functionality. However, pickups have not traditionally had the best reputation when it comes to fuel economy, which is why many people tend to avoid them when they are looking to get the most MPG possible.

In recent years, though, there have been some truly fuel-efficient pickups hitting the market, especially with the emergence of hybrid powertrains. This opens up a whole new world of possibilities for eco-minded car buyers who need a little more horsepower, payload capability, and towing capacity.

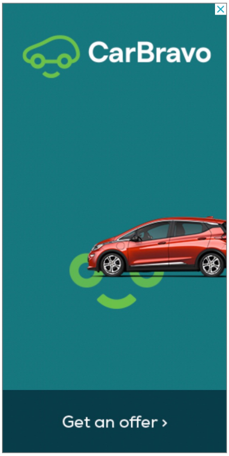
Not every truck coming out in 2024 is the most fuel-efficient new car on the market. There are plenty that offer decent fuel efficiency, though. Knowing what the most fuel-efficient trucks on the market are for the coming model year will help you make the right decision for your needs and your wallet at the gas pump.

1. 2024 Ford Maverick Hybrid
2. 2024 Toyota Tundra Hybrid
3. 2024 Chevrolet Silverado 1500
4. 2024 Ford F-150 Hybrid
5. 2024 Ram 1500 Hybrid
6. 2024 Hyundai Santa Cruz
7. 2024 Toyota Tacoma Hybrid
8. 2024 Ford Ranger
9. 2024 Nissan Frontier
10. 2024 Honda Ridgeline

1. 2024 Ford Maverick Hybrid

If you are going to find a pickup with the best gas mileage, the chances are good that it is going to be something small. The 2024 Ford Maverick is right below Ford's mid-size pickup, the Ranger, when it comes to size but it has some serious capability.

If you opt for the fuel-efficient hybrid version, you get an electrically-assisted 2.5-liter



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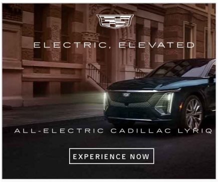

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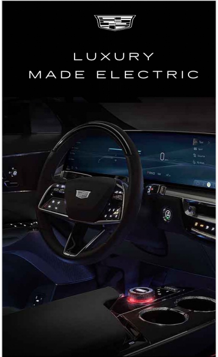

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four-cylinder engine that puts out 191 horsepower. This powertrain gets an EPA-estimated 42 mpg highway and 33 mpg city, giving it some of the best fuel economy on the market.

All of the Maverick models come with a crew cab layout with four doors and quite a bit of room in the back seat. On top of the plentiful storage throughout the cabin, the 4.5-foot bed is big enough for almost any job you can throw at it.

You also get an 8.0-inch touchscreen infotainment system with both Apple CarPlay and Android Auto connectivity as well as standard automated emergency braking and optional lane-departure warning and adaptive cruise control.

Browse 2024 Ford Maverick Hybrid listings here.

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2. 2024 Toyota Tundra Hybrid

In many cases, if you want to go with a hybrid engine for your new pickup, you will be limited to one trim level. With the 2024 Tundra Hybrid, though, you get access to all the same choices you would get with the gas-powered version.

This hybrid pickup comes with a twin-turbo V6 engine putting out 437 horsepower and 583 pound-feet of torque with the help of an electric motor, which puts its specs over that of the all-gas V8 version. This engine gets an EPA-estimated 20 mpg city and 24 mpg highway, making it a great choice if you don't want to sacrifice power.

All versions of the Tundra Hybrid come with a crew cab layout and the interior is still the same layout from its complete redesign back in 2022. One of the most desirable features of the interior is the 14-inch touchscreen infotainment system with standard Apple CarPlay and Android Auto connectivity.

It also comes with a wide range of standard safety features like forward-collision warning, lane-departure warning, and adaptive cruise control.

Browse 2024 Toyota Tundra Hybrid listings here.

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3. 2024 Chevrolet Silverado 1500

Chevy is one of the cornerstone automakers for full-size pickup trucks and the Silverado is their crown jewel. The Silverado 1500 is not known for being fuel efficient but if you opt for the diesel engine, you can get better fuel economy than you might think and save a lot of money at the pump.

The turbocharged 3.0-liter inline-six Duramax engine puts out 305 horsepower and 495 pound-feet of torque, making it perfect as a work truck or something to pull your recreational vehicles on a vacation. Plus, the Duramax engine gets 23 mpg ratings in the city and 33 mpg on the highway if you don't opt for the all-wheel drive version.

The standard crew cab configuration of the 2024 Silverado is spacious in the back and there are a wide variety of bed lengths you can choose from to suit your particular hauling needs.

Every version of the Silverado gets high-tech touches including a touchscreen infotainment system, full smartphone connectivity, and a mobile hotspot. It also comes with a wide range of safety features such as forward-collision warning and blind-spot monitoring.

Browse 2024 Chevrolet Silverado 1500 listings here.

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4. 2024 Ford F-150 Hybrid

Chances are, when you think about a pickup truck, you think about the Ford F-150. As the best-selling truck of all time, the F-150 continues this legacy into 2024 with a massive refresh. One holdover from the previous version, though, is the F-150's fuel-efficient hybrid engine.

This powertrain includes a twin-turbo 3.5-liter V6 that puts out a massive 400 horsepower with the help of an electric motor. This hybrid version is perfect for those who don't want to sacrifice performance and even has a zero-to-60 time of 5.4 seconds, making it an excellent option if you want a little excitement to come along with one of the best trucks ever produced. Plus, you get the benefit of 25 mpg city and 26 highway fuel economy ratings.

The interior of the 2024 F-150 is designed to be as spacious and comfortable as any other large, family-friendly vehicle. The shift lever for the 10-speed automatic transmission can even be folded down and hidden in the center console if you need a little bit of extra space.

The interior also features a 12.0-inch infotainment touchscreen that runs a new version of Ford's Sync 4 interface with full smartphone connectivity. You get a variety of standard safety features as well, including automated emergency braking and pedestrian detection.

Browse 2024 Ford F-150 Hybrid listings here.

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5. 2024 Ram 1500 Hybrid

The Ram 1500 is probably the last truck you think would be on a list of fuel-efficient pickups but Ram has done a great job bringing this classic work truck into the greener 21st century.

The 2024 Ram 1500 is available with either a 305-horsepower 3.6-liter V6 or a 395-horsepower 5.7-liter Hemi V8, both of which are hybridized with electric motors. These engines get a combined fuel economy of 25 mpg and 23 mpg, which puts them in a relatively good range for such power-focused engines.

The 2024 Ram 1500 comes with a crew cab that is huge on the inside, with plenty of storage space throughout. Plus, you get your choice of a five-foot-seven-inch or six-foot-four-inch bed, depending on how much space you need for hauling.

The standard infotainment touchscreen is 8.4 inches but you can upgrade to a massive 12-inch version if you need more digital real estate. While there are not many standard safety features, you can add all kinds of extras and driver-assistance equipment like automatic high beams and adaptive cruise control.

Browse 2024 Ram 1500 Hybrid listings here.

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6. 2024 Hyundai Santa Cruz

If you are looking for a compact pickup that has something a little different to offer from what you are used to, the Hyundai Santa Cruz is your best option. With a unique exterior profile and unibody construction, it is an excellent choice if you are tired of the same old offerings in the pickup truck class.

Hyundai
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The base version of the Santa Cruz comes with a 2.5-liter four-cylinder engine putting out 191 horsepower and 181 pound-feet of torque through an eight-speed automatic transmission with front-wheel drive. If you don’t opt for the AWD add-on, you can expect a fuel economy rating of 22 mpg city and 26 mpg highway.