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MODEL YEAR

**2023**

# Fuel Economy Guide

Save fuel. Save money.



U.S. Department of Energy  
Office of Energy Efficiency and Renewable Energy  
U.S. Environmental Protection Agency

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# USING THE *FUEL ECONOMY GUIDE*



The U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) produce the *Fuel Economy Guide* to help car buyers choose the most fuel-efficient vehicle that meets their needs. The *Guide* is available on the Web at [fueleconomy.gov](https://www.fueleconomy.gov).

## Fuel Economy Estimates

The purpose of EPA's fuel economy estimates is to provide a reliable basis for comparing vehicles.

Most vehicles in this guide (other than plug-in hybrids) have three fuel economy estimates:

- A "city" estimate that represents urban driving, in which a vehicle is started in the morning (after being parked all night) and driven in stop-and-go traffic
- A "highway" estimate that represents a mixture of rural and interstate highway driving in a warmed-up vehicle, typical of longer trips in free-flowing traffic
- A "combined" estimate that represents a combination of city driving (55%) and highway driving (45%)

Estimates for all vehicles are based on laboratory testing under standardized conditions to allow for fair comparisons.

Flexible fuel vehicles (FFVs), which can use gasoline and E85, have estimates for both fuels. Plug-in hybrid electric vehicles (PHEVs) have estimates for (1) electric-only or blended electric and gasoline operation and (2) gasoline-only operation. PHEVs are discussed in more detail on page 37. For answers to frequently asked questions about fuel economy estimates, visit [fueleconomy.gov](https://www.fueleconomy.gov).

## Annual Fuel Cost Estimates

This guide provides annual fuel cost estimates, rounded to the nearest \$50, for each vehicle. The estimates are based on the assumptions that you travel 15,000 miles per year (55% under city driving conditions and 45% under highway conditions) and that fuel costs \$3.53/gallon for regular unleaded gasoline, \$4.05/gallon for mid-grade unleaded gasoline, and \$4.38/gallon for premium. Cost-per-gallon assumptions for vehicles that use other fuel types are discussed at the beginning of those vehicle sections.

Visit [fueleconomy.gov](https://www.fueleconomy.gov) to personalize fuel costs based on current fuel prices and your driving habits.

## Your Fuel Economy Will Vary

EPA's fuel economy values are good estimates of the fuel economy a typical driver will achieve under average driving conditions and provide a good basis to compare one vehicle to another. Still, your fuel economy may be slightly higher or lower than EPA's estimates. Fuel economy varies, sometimes significantly, based on driving conditions, driving style, and other factors.

To ensure that estimates are consistent across different makes and models, the EPA estimates are based on a standardized, repeatable testing procedure. These tests model an "average" driver's environment and behavior based on real-world conditions, such as stop-and-go traffic.

However, it is impossible for a single test to predict fuel economy precisely for all drivers in all environments. For example, the following factors can lower your vehicle's fuel economy:

- Aggressive driving (speeding and hard acceleration and hard braking)
- Excessive idling, accelerating, and braking in stop-and-go traffic
- Cold weather (engines are more efficient when warmed up). The impact is greater for short trips.
- Driving with a heavy load or with the air conditioner running
- Improperly tuned engine or under-inflated tires
- Driving on mountainous or hilly terrain
- High-performance or snow tires
- Use of remote starters

In addition, small variations in vehicle manufacturing can cause fuel economy variations in the same make and model, and some vehicles don't attain maximum fuel economy until they are "broken in" (around 3,000–5,000 miles).

With fuel-efficient driving techniques, drivers may also achieve better fuel economy than the EPA estimates. See "Improve Your Fuel Economy" on page 6 for tips on maximizing your fuel economy.

The EPA ratings are a useful tool for comparing vehicles because they are always done in precisely the same way under the same set of conditions. However, they may not accurately predict the fuel economy you will get. This is also true for annual fuel cost estimates. For more information on fuel economy ratings and factors that affect fuel economy, visit [fueleconomy.gov](https://www.fueleconomy.gov).

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### HOW THE *GUIDE* IS ORGANIZED

Fuel economy estimates for all vehicles begin with the "2023 Model Year Vehicles" section on page 10. Vehicles are organized by EPA vehicle class and, for trucks and vans, drive type (two- or four-wheel drive).

Additional sections are dedicated to specific vehicle technology or fuel types for consumers looking for advanced vehicles or alternatives to gasoline vehicles—diesels, plug-in hybrids, all-electric vehicles, flex-fuel vehicles, and fuel cell vehicles.

### WHY SOME VEHICLES ARE NOT LISTED

Light-duty fuel economy regulations do not apply to

- Sport utility vehicles (SUVs) and passenger vans with a gross vehicle weight rating (GVWR) of more than 10,000 pounds—GVWR is the vehicle weight plus carrying capacity
- Other vehicles with a GVWR of 8,500 pounds or more

Therefore, manufacturers do not have to estimate their fuel economy, and fuel economy labels are not posted on their windows. Also, fuel economy information on some vehicles was not available in time to be included in this guide. More up-to-date information can be found at [fueleconomy.gov](https://www.fueleconomy.gov).

### VEHICLE CLASSES USED IN THIS GUIDE

CARS		TRUCKS	
Class	Passenger & Cargo Volume (cu. ft.)	Class	Gross Vehicle Weight Rating* (pounds)
<b>TWO-SEATER CARS</b>	Any	<b>PICKUP TRUCKS</b>	
<b>SEDANS</b>		Small	Under 6,000
Minicompact	Under 85	Standard	6,000 to 8,500
Subcompact	85 to 99	<b>VANS</b>	
Compact	100 to 109	Passenger	Under 10,000
Midsize	110 to 119	Cargo	Under 8,500
Large	120 or more	<b>MINIVANS</b>	Under 8,500
<b>STATION WAGONS</b>		<b>SPORT UTILITY VEHICLES</b>	
Small	Under 130	Small	Under 6,000
Midsize	130 to 159	Standard	6,000 to 9,999
Large	160 or more	<b>SPECIAL PURPOSE VEHICLES</b>	Under 8,500

\*Gross vehicle weight rating is vehicle weight plus carrying capacity.

## UNDERSTANDING THE *GUIDE* LISTINGS

We hope you find the *Fuel Economy Guide* easy to use! Fuel economy and annual fuel cost data are organized by vehicle class (see page 1 for a list of classes). Within each class, vehicles are listed alphabetically by manufacturer and model.

Vehicle models with different features, such as engine size or transmission type, are listed separately. Engine and transmission attributes are shown in the first column under the model name.

Additional attributes needed to distinguish among vehicles (e.g., fuel type or suggested fuel grade) are listed in the "Notes" column. A legend for abbreviations is provided on page 10.

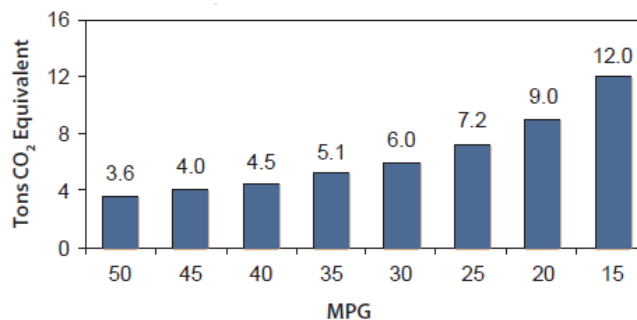
A "P" in the "Notes" column indicates that the manufacturer *recommends* that the vehicle be fueled with premium-grade gasoline, and a "PR" indicates that the manufacturer *requires* premium. The higher price of premium fuel is reflected in the annual fuel cost of these vehicles.

The most fuel-efficient vehicles in each class and alternative fuel vehicles are indicated with special markings (see the diagram below). Vehicles that can use more than one kind of fuel have an entry for each fuel type. Interior passenger and cargo volumes are located in the index at the back of the *Guide*.

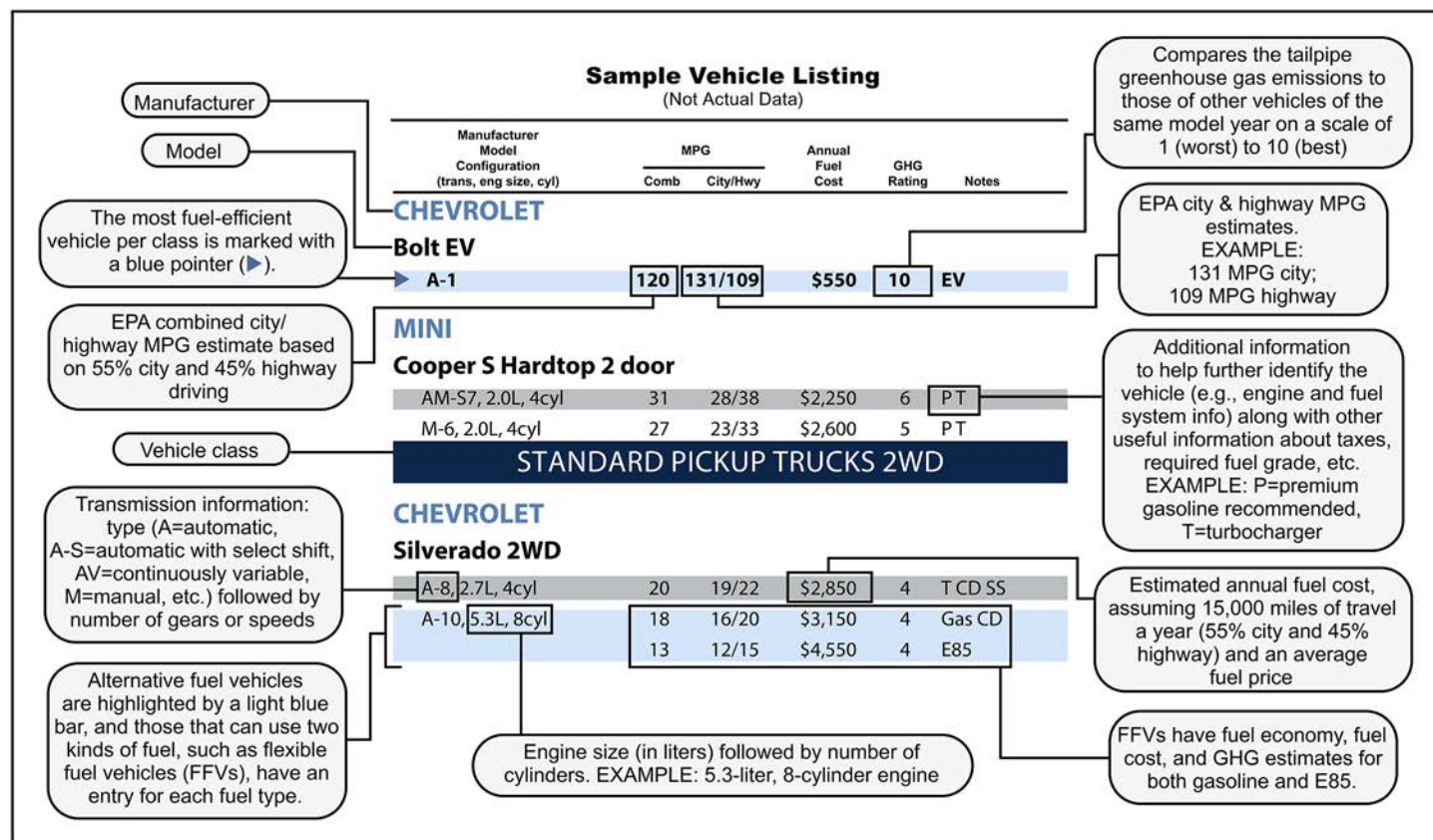
Each vehicle listing includes a greenhouse gas (GHG) rating on a scale of 1 (worst) to 10 (best). This rating is a comparison of the tailpipe GHG emissions of the vehicle to those of other vehicles of the same model year.

Highway vehicles account for about 23% (1.4 billion tons) of U.S. greenhouse gas emissions each year. The average recent-model vehicle causes the release of 5 to 9 tons of GHGs each year. Switching from a vehicle that gets 20 miles per gallon (MPG) to one that gets 25 MPG can reduce GHG emissions by 1.7 tons per year. Switching to an electric vehicle could reduce your GHG emissions even more. Check out EPA and DOE's Beyond Tailpipe Emissions Calculator to estimate the GHG emissions from owning a plug-in electric vehicle where you live ([fuelconomy.gov/feg/Find.do?action=bt2](http://fuelconomy.gov/feg/Find.do?action=bt2)).

**Annual Greenhouse Gas Emissions  
by Vehicle MPG  
(gasoline vehicles)\***



\*Includes both tailpipe and upstream emissions







## TAX INCENTIVES AND DISINCENTIVES

### Federal Tax Credits

You may be eligible for a federal income tax credit of up to \$7,500 if you purchase a qualifying all-electric vehicle (EV), plug-in hybrid, or fuel cell vehicle in 2022–2023.

Qualifying EVs and plug-in hybrids have been eligible for a federal income tax credit for over a decade, but the Inflation Reduction Act of 2023 recently changed the eligibility requirements significantly. The new legislation also extends the tax credits to qualifying fuel cell vehicles.

Tax credits and eligible vehicles can vary greatly depending on several factors, including when the vehicle is purchased and put into service.

Visit [fuelconomy.gov](https://fuelconomy.gov) for more information on qualifying models, credit amounts, and vehicle and buyer requirements.

### Gas Guzzler Tax

The Energy Tax Act of 1978 requires auto companies to pay a "gas guzzler" tax on the sale of cars with exceptionally low fuel economy. Such vehicles are identified in the *Guide* by the word "Tax" in the "Notes" column. In the dealer showroom, the words "Gas Guzzler" and the tax amount are listed on the vehicle's fuel economy label. The tax does not apply to light trucks.

## FUEL ECONOMY SAVES YOU MONEY

The average household spends about one-fifth of its total family expenditures on transportation, making it the second most expensive category after housing. You could save as much as \$1,000 (or more) in fuel costs each year by choosing the most fuel-efficient vehicle in a particular class. This can add up to thousands of dollars over a vehicle's lifetime. Fuel-efficient models come in all shapes and sizes, so you need not sacrifice utility or size.

Each vehicle listing in the *Fuel Economy Guide* provides an estimated annual fuel cost (see page i). The Find and Compare Cars tool at [fuelconomy.gov](https://fuelconomy.gov) features an annual fuel cost calculator that allows you to insert your local gasoline prices and typical driving conditions (percentage of city and highway driving) to obtain more accurate fuel cost information for your vehicle.



### Ethanol Blends—E85, E15, and E10

Ethanol is a domestically produced, renewable fuel made primarily from corn and sugar cane. The use of ethanol as a vehicle fuel can reduce greenhouse gas (GHG) emissions.

E10 is a blend of 10% ethanol and 90% gasoline and is legal for use in any gasoline-powered vehicle. Most of the gasoline sold in the U.S. contains up to 10% ethanol to boost octane, meet air quality requirements, or satisfy the federal Renewable Fuel Standard. As of 2011, EPA began allowing the use of E15 in model year 2001 and newer gasoline vehicles. Ethanol contains about one-third less energy than gasoline. So, vehicles will typically go 3%–4% fewer miles per gallon on E10 and 4%–5% fewer miles per gallon on E15 than on 100% gasoline. While E10 is available everywhere, E15 is currently available at more than 1,300 stations in the United States.

E85 (or flex fuel) is a high-level ethanol-gasoline blend containing 51%–83% ethanol, depending on the season and geographic location. Drivers can use E85 in flexible fuel vehicles (FFVs), which are specially designed to run on gasoline, E85, or any mixture of the two. FFVs are offered by several vehicle manufacturers. To determine whether your vehicle is an FFV, check the inside of your car's fuel filler door for an identification sticker or consult your owner's manual. More than 4,200 filling stations in the United States currently sell E85. Visit [afdc.energy.gov/locator/stations](http://afdc.energy.gov/locator/stations) to find stations near you.

FFVs typically experience a 15%–27% drop in fuel economy when operating on E85 instead of regular gasoline due to ethanol's lower energy content and other factors, assuming gasoline typically contains about 10% ethanol. Drivers should notice no degradation in performance. In fact, some FFVs produce more torque and horsepower when fueled with higher-level ethanol blends.

### Biodiesel

Biodiesel is a domestically produced renewable fuel manufactured from vegetable oils or animal fats for use in diesel vehicles. Using biodiesel in place of petroleum diesel can reduce GHG emissions.

Biodiesel can be blended with petroleum diesel at any percentage. B20 is a common biodiesel blend that contains 20% biodiesel and 80% petroleum diesel. B5 (5% biodiesel and 95% petroleum diesel) is another common blend. All vehicle manufacturers have approved biodiesel blends up to and including B5 for use in all diesel engines, and some have approved the use of blends up to B20 in a few recent model year vehicles. Keep in mind that using higher-level biodiesel blends may affect your vehicle warranty. Check your owner's manual or check with your vehicle manufacturer to determine the right blend for your vehicle.

*Purchase commercial-grade biodiesel from a reputable dealer. Never refuel with recycled grease or vegetable oil that has not been converted to biodiesel. It will damage your engine.*

More than 800 stations currently dispense B20. Visit [afdc.energy.gov/locator/stations](http://afdc.energy.gov/locator/stations) to find service stations selling biodiesel near you.

### Premium- vs Regular-Grade Gasoline

Regular unleaded (87 octane) is the recommended fuel for most gasoline vehicles. Using a higher-octane gasoline than recommended by the owner's manual does not improve performance or fuel efficiency under normal conditions. Check your owner's manual for the recommended grade of fuel for your vehicle, and visit [fuelconomy.gov](http://fuelconomy.gov) for more information about selecting the right octane for your vehicle.

## Charging Your Electric or Plug-in Hybrid Vehicle

Electric vehicle (EV) and plug-in hybrid owners have several charging options. Many owners will do most of their charging at home. Some workplaces, businesses, and multi-unit dwellings (condos/apartments) provide charging, and there are more than 46,700 public charging stations across the country.

There are three basic types of charging:

- **Level 1 charging:** You can plug into a regular 120-volt (V) outlet—the kind found in your home. This is the slowest type of charging—about 2 to 5 miles of range per hour of charging—but requires no special charger or outlet type. Most, if not all, plug-in vehicles are equipped with a cord to allow this type of charging.
- **Level 2 charging:** These chargers supply current at 208 to 240 V and provide 10 to 20 miles of range per hour of charging. Most public chargers are Level 2 chargers. You can also have a Level 2 charger installed at home. Most public chargers use a standard plug type

that is compatible with all vehicles from major manufacturers. Tesla charging stations use a different plug type that cannot be used by other vehicles. However, Tesla provides an adaptor that allows its vehicles to use both Tesla and standard Level 2 charging stations.

- **Fast charging:** Also called DC fast charging or DC quick charging, this is the fastest kind of charging, providing 60 to 80 miles of range (or more) to the battery in 20 minutes. Not all vehicles can accept fast charging, nor do all vehicles use the same type of plug for DC fast charging, so check your owner's manual. Quick charging stations are usually located along heavy traffic corridors. Due to expense and electric current requirements, they are not practical for home installation.

**Note:** Charge rate can vary based on vehicle model. So, check the owner's manual for estimated charge time. Charge rate also depends on other factors, such as the battery's state of charge and the ambient temperature. Visit [afdc.energy.gov/fuels/electricity\\_infrastructure.html](https://afdc.energy.gov/fuels/electricity_infrastructure.html) for more information.

## ALTERNATIVE FUELING STATION LOCATOR

Wondering where you can fuel up your alternative fuel vehicle? The Alternative Fueling Station Locator can help you find a station near you or within a given distance from a planned route. The Station

Locator shows fueling locations for ethanol, electricity, biodiesel, propane, natural gas, and hydrogen. Check it out at [afdc.energy.gov/stations](https://afdc.energy.gov/stations).

The screenshot displays the Alternative Fueling Station Locator interface. At the top, there are tabs for "Public Stations", "Advanced Filters", and "Fuel Corridors". A location search bar shows "ann arbor, mi" and "washington, dc". The "Electric" fuel type is selected. Under "Charger Types", "Level 2, DC Fa..." is chosen, and under "Connectors", "All" is selected. A "Find Stations" button is visible. Below the search bar, it says "Show stations within 5 miles of the route". A map shows a route from Ann Arbor, MI, through Ohio, Pennsylvania, West Virginia, Maryland, and Delaware, ending in Washington, DC. Green dots represent electric charging stations along the route. On the left sidebar, it says "751 stations along the route" and provides buttons for "See Route Directions" and "Download list of stations on route". Two specific stations are highlighted: "Ann Arbor Downtown Development Authority - Ann Ashley Parking Structure" and "Ann Arbor Nissan".

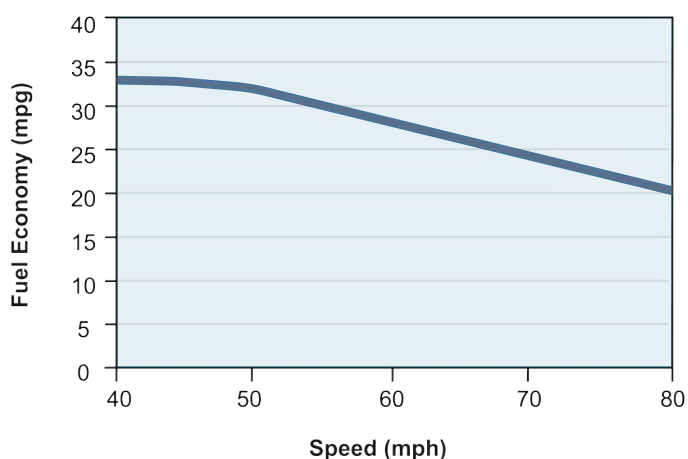


### Drive More Efficiently

- Aggressive driving (speeding and rapid acceleration/braking) can lower your gas mileage by roughly 15%–30% at highway speeds and 10%–40% in stop-and-go traffic.

Driver feedback devices can help you drive more efficiently, improving fuel economy by up to 10%.

- Observe the speed limit. Each 5 MPH you drive over 60 MPH can reduce your fuel economy by 7%. For a personalized estimate of the effect of speeding on your fuel economy, visit [fuelconomy.gov](https://fuelconomy.gov).
- Avoid idling. Idling gets 0 miles per gallon and costs as much as \$0.02 per minute.
- Using cruise control on the highway helps you maintain a constant speed and, in most cases, will save fuel.



### Keep Your Car in Shape

- Address engine problems promptly. If the check engine light comes on, have your vehicle inspected by a mechanic. It could save you fuel and money down the road.

- Keeping tires inflated to the recommended pressure can typically improve fuel economy by 0.6%.

The manufacturer's recommended tire pressure can be found on the tire information placard and/or vehicle certification label located on the vehicle door edge, doorpost, glove-box door, or inside the trunk lid.

- Using the recommended grade of motor oil can improve your fuel economy by 1%–2% if you've been using the wrong grade.
- Keep your tires aligned and balanced.
- Replacing a clogged air filter can improve gas mileage on older cars with carbureted engines.

### Plan and Combine Trips

- A warmed-up engine is more fuel-efficient than a cold one. Many short trips taken from a cold start can use twice as much fuel as one multipurpose trip covering the same distance.

Note: Letting your car idle to warm up doesn't help your fuel economy: it actually uses more fuel and creates more pollution.

### Other Solutions

- Avoid carrying unneeded items. An extra 100 pounds can decrease fuel economy by about 1%.
- Avoid carrying cargo on your roof. A large, blunt rooftop cargo box, for example, can reduce fuel economy by 2%–8% in city driving, 6%–17% on the highway, and 10%–25% at interstate speeds (65 to 75 MPH).

Rear-mount cargo boxes or trays reduce fuel economy by much less (1%–2% in city driving and 1%–5% on the highway).

- Use the "economy mode" feature if your vehicle has one.

For more tips on improving fuel economy, such as cold-weather tips; hot-weather tips; and tips for hybrids, plug-in hybrids, and all-electric vehicles, visit [fuelconomy.gov](https://fuelconomy.gov).

### Tips for Electric and Hybrid Vehicles

Most of the driving tips for conventional vehicles will also help increase the range of electric vehicles and hybrids. In addition to the driving tips above, the tips below will help you get the most out of your electric or hybrid vehicle.

1. Read your owner's manual. The automaker knows how to operate and maintain your vehicle to maximize fuel economy, driving range, and battery life. So, consult the owner's manual for tips specific to your vehicle.
2. Use the economy (Eco) mode. Many of these vehicles come with an "economy mode" or similar feature to improve fuel economy. You can often turn on this feature by just pressing a button.
3. Avoid hard braking. Anticipate stops and brake gently or moderately. This allows the regenerative braking system to recover energy from the vehicle's forward motion and store it as electricity. Hard braking causes the vehicle to use its conventional friction brakes, which do not recover energy.
4. Keep the battery charged. Keeping your plug-in hybrid's battery charged helps you use as much electricity and as little gasoline as possible, saving you fuel and money and extending the vehicle's range. For EVs, it helps maximize your driving range.
5. Use accessories wisely. Using accessories such as heating, air conditioning, and entertainment systems can lower fuel economy more for electric vehicles and hybrids than for conventional vehicles. So, keep that in mind when trying to maximize fuel economy or electric range. Pre-heating or pre-cooling the cabin of a plug-in hybrid or EV while it's plugged in, for example, can extend its electric range.





Manufacturers are using advanced technologies to improve fuel economy in many of their vehicles. Along with plug-in hybrids, all-electric vehicles, and fuel cell vehicles, new technologies are also being used to make conventional vehicles more efficient. Some of these fuel-saving technologies are described below. For more information, visit [fuelconomy.gov](http://fuelconomy.gov).

## Hybrid Vehicles

Hybrids combine the best features of the internal combustion engine with an electric motor and can significantly improve fuel economy. They are primarily propelled by an internal combustion engine, just like conventional vehicles. However, they also use regenerative braking to convert energy normally wasted during coasting and braking into electricity. The recovered electricity is stored in a battery until needed by the electric motor. The electric motor assists the engine when accelerating or hill climbing and at low speeds, where internal combustion engines are least efficient.

Fuel efficiency can vary significantly among different hybrid models due to battery and electric motor size. Hybrids with larger batteries and electric motors, sometimes called "full" or "strong" hybrids, can store more electricity and provide more power to assist the gasoline engine. Some can even run on the electric motor alone for short distances. Hybrids with smaller batteries and electric motors are often referred to as "mild" hybrids. Mild hybrid systems have a smaller effect on fuel economy. In the *Guide* listings, full hybrids are indicated by "HEV" in the "Notes" column, while mild hybrids are indicated by "MHEV."

*Note: Unlike plug-in hybrids (described on page 37), conventional hybrids cannot be plugged into an external source of electricity to be recharged or run on electricity for any substantial distance. Instead, gasoline and regenerative braking provide all of the vehicle's energy.*

## Stop-Start Systems

Stop-start systems (sometimes called "idle-stop," "smart start," or other manufacturer-specific names) save fuel by turning off the engine when the vehicle comes to a stop and automatically starting it back up when you step on the accelerator. Stop-start can improve fuel economy by up to 5% and provides the biggest benefit in conditions where the engine would otherwise be idling, such as stop-and-go city

driving. These systems are currently available on all hybrids and on hundreds of conventional vehicle models.

## Cylinder Deactivation

Cylinder deactivation "turns off" some of the engine's cylinders when they are not needed. This temporarily and seamlessly turns an 8- or 6-cylinder engine into a more efficient 4- or 3-cylinder engine.

## Turbocharging

Turbocharging increases engine power, allowing a smaller, more fuel-efficient engine to be used in place of a larger one. Replacing an 8-cylinder engine with a turbocharged 6-cylinder or a 6-cylinder engine with a turbocharged 4-cylinder can save fuel and still provide extra power when needed.

## Advanced Transmissions

The advanced electronics in today's vehicles can optimize gear shifting for improved fuel efficiency. Eight-speed automatic transmissions are most common, and some have even more gears. Continuously variable transmissions (CVTs) can change seamlessly through an infinite number of "gears." Transmissions with more gears allow the engine to run at its most efficient speed more often, improving fuel economy.

## Improved Aerodynamics

Reducing a vehicle's aerodynamic drag (wind resistance) improves fuel economy, especially at higher speeds. Many manufacturers are improving aerodynamics by refining vehicle shapes or by employing external moving parts such as "shutters" that close off the grill, allowing air to flow smoothly around the vehicle instead of into the engine compartment, where it produces more drag.

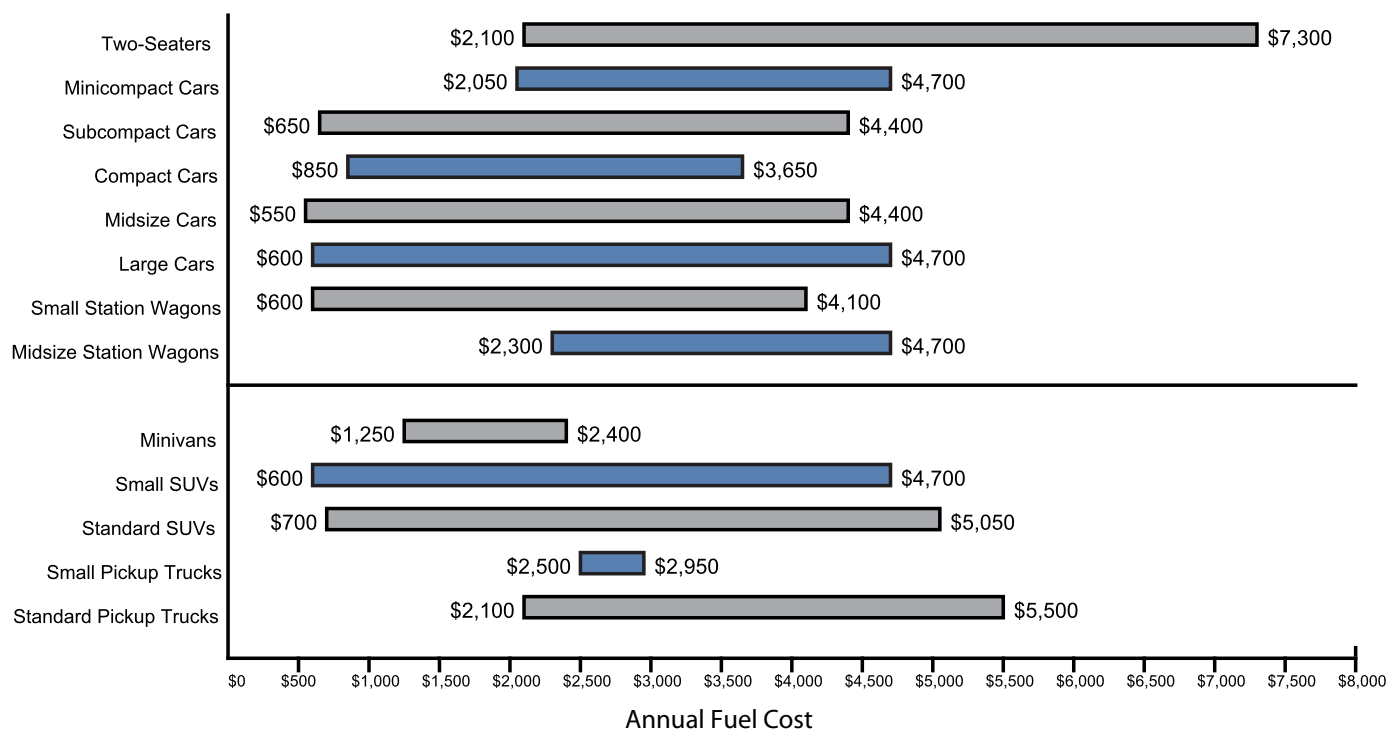
## Lighter Vehicles

Reducing vehicle weight improves fuel economy, so manufacturers are beginning to redesign vehicles to weigh less while maintaining performance and safety. For example, replacing a steel body with one made from a lighter-weight material, such as aluminum, can reduce vehicle weight by hundreds of pounds.

## ANNUAL FUEL COST RANGES FOR VEHICLE CLASSES



The graph below provides the annual fuel cost ranges for the vehicles in each class so you can see where a given vehicle's cost falls within its class. Annual fuel costs assume that you travel 15,000 miles each year, drive 55% in the city and 45% on the highway, and that fuel costs \$3.53/gallon for regular unleaded gasoline, \$4.38/gallon for premium, \$5.14/gallon for diesel, and \$0.14/kWh for electricity. Visit [fuelconomy.gov](https://fuelconomy.gov) to calculate the annual fuel cost for a specific vehicle based on your own driving conditions and fuel prices.



Fuel economy estimates on this chart do not include vehicles operating on compressed natural gas (CNG), E85, or hydrogen.



## MOST EFFICIENT VEHICLES

Listed below are vehicles with the highest fuel economy in the most popular classes. For each vehicle class, we list the most efficient vehicle. If the most fuel efficient vehicle is a plug-in hybrid (PHEV) or all-electric vehicle (EV), we also list the most fuel efficient conventional vehicle. Rankings are based on combined city and highway fuel economy estimates, which assume 55% city driving and 45% highway

driving. Please note that many vehicle models come in a range of engine sizes and trim lines, resulting in different fuel economy values. If there is only one vehicle in a class, a fuel economy leader is not listed. For an up-to-date list of fuel economy leaders, visit [fueleconomy.gov](https://www.fueleconomy.gov).

	Trans Type / Speeds	Eng Size / Cylinders	MPG(e) Combined
<b>TWO-SEATER CARS</b>			
<b>BMW</b>			
Z4 sDrive30i.....	A-S8.....	2.0L/4cyl .....	28
<b>MINICOMPACT CARS</b>			
<b>MINI</b>			
Cooper Convertible.....	AM-S7.....	1.5L/3cyl .....	32
<b>SUBCOMPACT CARS</b>			
<b>MINI</b>			
Cooper SE Hardtop 2 door (EV).....	A-1.....		110*
<b>AUDI</b>			
A3 (hybrid).....	AM-S7.....	2.0L/4cyl .....	32
<b>MINI</b>			
Cooper Hardtop 2 door.....	AM-S7.....	1.5L/3cyl .....	32
Cooper Hardtop 4 door.....	AM-S7.....	1.5L/3cyl .....	32
<b>COMPACT CARS</b>			
<b>PORSCHE</b>			
Taycan GTS (EV).....	A-2.....		83*
Taycan Performance Battery (EV).....	A-2.....		83*
<b>TOYOTA</b>			
Corolla Hybrid.....	AV.....	1.8L/4cyl .....	50
<b>MIDSIZE CARS</b>			
<b>TESLA</b>			
Model 3 RWD (EV).....	A-1.....		132*
<b>HYUNDAI</b>			
Elantra Hybrid Blue.....	AM-S6.....	1.6L/4cyl .....	54
<b>LARGE CARS</b>			
<b>TESLA</b>			
Model S (EV).....	A-1.....		120*
<b>HYUNDAI</b>			
Sonata Hybrid Blue.....	AM-S6.....	2.0L/4cyl .....	52
<b>SMALL STATION WAGONS</b>			
<b>CHEVROLET</b>			
Bolt EV.....	A-1.....		120*
<b>KIA</b>			
Niro FE (hybrid).....	AM-S6.....	1.6L/4cyl .....	53
<b>MIDSIZE STATION WAGONS</b>			
<b>VOLVO</b>			
V90CC B6 AWD (hybrid).....	A-S8.....	2.0L/4cyl .....	25
<b>SMALL PICKUP TRUCKS</b>			
<b>TOYOTA</b>			
Tacoma 2WD.....	A-S6.....	3.5L/6cyl .....	21
Tacoma 2WD.....	A-S6.....	2.7L/4cyl .....	21
<b>STANDARD PICKUP TRUCKS</b>			
<b>CHEVROLET</b>			
Silverado 2WD (diesel).....	A-10.....	3.0L/6cyl .....	26
<b>GMC</b>			
Sierra 2WD (diesel).....	A-10.....	3.0L/6cyl .....	26
<b>MINIVANS</b>			
<b>CHRYSLER</b>			
Pacifica Hybrid (PHEV).....	AV.....	3.6L/6cyl .....	48†
<b>TOYOTA</b>			
Sienna 2WD (hybrid).....	AV-S6.....	2.5L/4cyl .....	36
<b>SMALL SPORT UTILITY VEHICLES</b>			
<b>TESLA</b>			
Model Y AWD (EV).....	A-1.....		123*
<b>KIA</b>			
Sportage Hybrid FWD.....	AM-S6.....	1.6L/4cyl .....	43
<b>STANDARD SPORT UTILITY VEHICLES</b>			
<b>TESLA</b>			
Model X (EV).....	A-1.....		102*
<b>TOYOTA</b>			
Highlander Hybrid AWD.....	AV-S6.....	2.5L/4cyl .....	35
Highlander Hybrid AWD LTD/PLAT.....	AV-S6.....	2.5L/4cyl .....	35

\* This is an electric vehicle. Since electricity is not measured in gallons, a conversion factor is used to translate the fuel economy into miles per gallon of gasoline equivalent (MPGe).

† This vehicle is a plug-in hybrid, which runs on both gasoline and electricity. Since electricity is not measured in gallons, a conversion factor is used to translate the fuel economy when running on electricity into miles per gallon of gasoline equivalent (MPGe). The combined MPGe estimate includes both city and highway driving and gasoline and electric energy use.

# 2023 MODEL YEAR VEHICLES

This section contains the fuel economy values for 2023 model year vehicles. Additional information for alternative fuel vehicles can be found on pages 33–42. Alternative fuel vehicles are highlighted

with an orange bar, and those that can use two kinds of fuel, such as flexible fuel vehicles, have an entry for each fuel type. The most fuel-efficient vehicles in each class are marked with a blue pointer (▶).



ABBREVIATIONS USED IN THIS GUIDE:		
▶.....Highest MPG in Class	E85.....85% Ethanol/15% Gasoline	Mode.....Multimode Transmission
2WD.....Two-Wheel Drive	Eng Size.....Engine Volume in Liters	MPG.....Miles per Gallon
4WD.....Four-Wheel Drive	EV.....Electric Vehicle	NA.....Not Available
A.....Automatic Transmission	FFV.....Flexible Fuel Vehicle	Ni-MH.....Nickel-Metal Hydride
A-S.....Automatic Transmission-Select Shift	FWD.....Front-Wheel Drive	P.....Premium Gasoline Recommended
AM.....Automated Manual	Gas.....Regular Gasoline	PHEV.....Plug-in Hybrid Electric Vehicle
AM-S.....Automated Manual-Selectable	GHG.....Greenhouse Gas	PR.....Premium Gasoline Required
AV.....Continuously Variable Transmission	GPF.....Gasoline Particulate Filter	PT4.....Part-time 4WD
AV-S.....Continuously Variable Transmission with Select Shift	GVWR.....Gross Vehicle Weight Rating	RWD.....Rear Wheel Drive
AWD.....All-Wheel Drive	HP.....Horsepower	S.....Supercharger
CD.....With Cylinder Deactivation	HEV.....Hybrid-Electric Vehicle	S-Mode.....Transmission with Sport Mode
City.....MPG on City Test Procedure	Hwy.....MPG on Highway Test Procedure	S-Plus.....Sport Plus Package
Cyl.....Cylinders	Li-ion.....Lithium ion	Spt Pkg.....Sport Package
Comb.....Combined	LWB.....Long Wheelbase	SS.....Stop-Start Technology
D.....Ultra-Low Sulfur Diesel	M.....Manual Transmission	T.....Turbocharger
	MDPV.....Medium-Duty Passenger Vehicle	Tax.....Subject to Gas Guzzler Tax
	Mid.....Midgrade Gasoline	Trans.....Transmission
	MHEV.....Mild Hybrid-Electric Vehicle	XFE.....Optional Technology Package



Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
	TWO-SEATER CARS				

## ASTON MARTIN

### V12 Vantage

A-8, 5.2L, 12cyl	16	14/22	\$4,100	3	P T Tax CD
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### Vantage V8

A-8, 4.0L, 8cyl	20	18/24	\$3,300	4	P T
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## AUDI

### R8 Coupe quattro

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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### R8 Coupe RWD

AM-S7, 5.2L, 10cyl	17	14/23	\$3,850	3	PR Tax CD
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### R8 GT RWD

AM-S7, 5.2L, 10cyl	17	14/21	\$3,850	3	PR Tax CD
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### R8 Spyder quattro

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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### R8 Spyder RWD

AM-S7, 5.2L, 10cyl	17	14/23	\$3,850	3	PR Tax CD
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### TT Roadster

AM-S7, 2.0L, 4cyl	25	23/30	\$2,100	5	T SS
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## BMW

### Z4 M40i

A-S8, 3.0L, 6cyl	26	23/31	\$2,550	5	P T SS
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### Z4 sDrive30i

▶ A-S8, 2.0L, 4cyl	28	25/33	\$2,350	6	P T SS
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## BUGATTI

### Chiron

AM-S7, 8.0L, 16cyl	11	9/14	\$5,950	1	PR T Tax
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### Chiron Pur Sport

AM-S7, 8.0L, 16cyl	9	8/11	\$7,300	1	PR T Tax
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### Chiron Super Sport

AM-S7, 8.0L, 16cyl	9	8/11	\$7,300	1	PR T Tax
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## CHEVROLET

### Corvette

A-S8, 6.2L, 8cyl	19	16/24	\$2,800	4	CD
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### Corvette Z06

A-S8, 5.5L, 8cyl	15	12/21	\$4,400	2	PR Tax
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### Corvette Z06 Carbon Aero

A-S8, 5.5L, 8cyl	14	12/19	\$4,700	2	PR Tax
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## FERRARI

### 812 Competizione

AM-7, 6.5L, 12cyl	14	12/16	\$4,700	2	PR Tax SS
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### 812 Competizione A

AM-7, 6.5L, 12cyl	14	12/16	\$4,700	2	PR Tax SS
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### 812 GTS

AM-7, 6.5L, 12cyl	13	12/15	\$5,050	1	PR Tax SS
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### Daytona SP3

AM-7, 6.5L, 12cyl	13	12/16	\$5,050	1	PR Tax SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### F8 Spider

AM-7, 3.9L, 8cyl	16	15/18	\$4,100	3	PR T Tax SS
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### F8 Tributo

AM-7, 3.9L, 8cyl	16	15/19	\$4,100	3	PR T Tax SS
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### Monza SP1

AM-7, 6.5L, 12cyl	13	12/15	\$5,050	1	PR Tax SS
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### Monza SP2

AM-7, 6.5L, 12cyl	13	12/15	\$5,050	1	PR Tax SS
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## JAGUAR

### F-Type P450 AWD R-Dynamic Convertible

A-S8, 5.0L, 8cyl	18	16/24	\$3,650	4	P S SS
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### F-Type P450 AWD R-Dynamic Coupe

A-S8, 5.0L, 8cyl	18	16/24	\$3,650	4	P S SS
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### F-Type P450 RWD Convertible

A-S8, 5.0L, 8cyl	19	17/24	\$3,450	4	P S SS
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### F-Type P450 RWD Coupe

A-S8, 5.0L, 8cyl	19	17/24	\$3,450	4	P S SS
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### F-Type R AWD Convertible

A-S8, 5.0L, 8cyl	18	16/24	\$3,650	4	P S SS
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### F-Type R AWD Coupe

A-S8, 5.0L, 8cyl	18	16/24	\$3,650	4	P S SS
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## LAMBORGHINI

### Huracan Coupe

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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### Huracan Coupe 2WD

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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### Huracan Spyder

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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### Huracan Spyder 2WD

AM-S7, 5.2L, 10cyl	15	13/18	\$4,400	2	PR Tax CD
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## MASERATI

### MC20

A-S8, 3.0L, 6cyl	18	15/25	\$3,650	4	PR T
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### MC20 Spyder

A-S8, 3.0L, 6cyl	18	15/25	\$3,650	4	PR T
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## MCLAREN AUTOMOTIVE

### Artura

AM-S8, 3.0L, 6cyl	See page 37.			P T PHEV SS	
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## NISSAN

### Z

A-S9, 3.0L, 6cyl	22	19/28	\$3,000	5	PR T
M-6, 3.0L, 6cyl	20	18/24	\$3,300	4	PR T

## PORSCHE

### 718 Boxster

AM-S7, 2.0L, 4cyl	24	21/27	\$2,750	5	PR T SS
M-6, 2.0L, 4cyl	22	20/25	\$3,000	5	PR T SS

### 718 Boxster GTS

AM-S7, 3.7L, 6cyl	21	19/24	\$3,150	4	PR T
M-6, 3.7L, 6cyl	19	17/24	\$3,450	4	PR T

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
718 Boxster S					
AM-S7, 2.5L, 4cyl	22	19/25	\$3,000	5	P R T SS
M-6, 2.5L, 4cyl	21	19/24	\$3,150	4	P R T SS
718 Boxster T					
AM-S7, 2.0L, 4cyl	23	21/27	\$2,850	5	P R T SS
M-6, 2.0L, 4cyl	22	20/26	\$3,000	5	P R T SS
718 Cayman					
AM-S7, 2.0L, 4cyl	24	21/27	\$2,750	5	P R T SS
M-6, 2.0L, 4cyl	22	20/25	\$3,000	5	P R T SS
718 Cayman GT4					
AM-S7, 3.7L, 6cyl	20	18/24	\$3,300	4	P R T
M-6, 3.7L, 6cyl	19	17/23	\$3,450	4	P R T
718 Cayman GTS					
AM-S7, 3.7L, 6cyl	21	19/24	\$3,150	4	P R T
M-6, 3.7L, 6cyl	19	17/24	\$3,450	4	P R T
718 Cayman S					
AM-S7, 2.5L, 4cyl	22	19/25	\$3,000	5	P R T SS
M-6, 2.5L, 4cyl	21	19/24	\$3,150	4	P R T SS
718 Cayman T					
AM-S7, 2.0L, 4cyl	23	21/27	\$2,850	5	P R T SS
M-6, 2.0L, 4cyl	22	20/26	\$3,000	5	P R T SS
718 GT4 RS					
AM-S7, 4.0L, 6cyl	16	15/19	\$4,100	3	PR Tax SS
718 Spyder					
AM-S7, 3.7L, 6cyl	20	18/24	\$3,300	4	P R T
M-6, 3.7L, 6cyl	19	17/23	\$3,450	4	P R T
911 GT3					
AM-S7, 4.0L, 6cyl	16	15/18	\$4,100	3	PR Tax SS
M-6, 4.0L, 6cyl	16	14/18	\$4,100	3	PR Tax
911 GT3 Touring					
AM-S7, 4.0L, 6cyl	16	15/18	\$4,100	3	PR Tax SS
M-6, 4.0L, 6cyl	16	14/18	\$4,100	3	PR Tax
TOYOTA					
GR Supra					
A-S8, 2.0L, 4cyl	27	25/31	\$2,450	5	P T SS
A-S8, 3.0L, 6cyl	26	23/31	\$2,550	5	P T SS
M-6, 3.0L, 6cyl	21	19/27	\$3,150	4	P T

## TOYOTA

### GR Supra

A-S8, 2.0L, 4cyl	27	25/31	\$2,450	5	P T SS
A-S8, 3.0L, 6cyl	26	23/31	\$2,550	5	P T SS
M-6, 3.0L, 6cyl	21	19/27	\$3,150	4	P T

## MINICOMPACT CARS

## ASTON MARTIN

### DB11 V12

A-8, 5.2L, 12cyl	17	14/22	\$3,850	3	P T Tax CD
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### DB11 V8

A-8, 4.0L, 8cyl	20	18/24	\$3,300	4	P T
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### DBS

A-8, 5.2L, 12cyl	17	14/22	\$3,850	3	P T Tax CD
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## BENTLEY

### Continental GT Convertible

AM-S8, 4.0L, 8cyl	18	15/22	\$3,650	4	P R T Tax CD SS
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### Continental GT Convertible Speed

AM-S8, 6.0L, 12cyl	14	12/18	\$4,700	2	P T Tax CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## FERRARI

### Portofino M

AM-8, 3.9L, 8cyl	19	16/23	\$3,450	4	P R T SS
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## LEXUS

### LC 500 Convertible

A-S10, 5.0L, 8cyl	18	15/25	\$3,650	4	PR
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## MINI

### Cooper Convertible

AM-S7, 1.5L, 3cyl	32	29/38	\$2,050	6	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$2,100	6	P T SS

### Cooper S Convertible

AM-S7, 2.0L, 4cyl	30	27/36	\$2,200	6	P T
M-6, 2.0L, 4cyl	27	23/33	\$2,450	5	P T

### John Cooper Works Convertible

A-S8, 2.0L, 4cyl	27	24/33	\$2,450	5	P T SS
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## PORSCHE

### 911 Carrera

AM-S8, 3.0L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### 911 Carrera 4

AM-S8, 3.0L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### 911 Carrera 4 Cabriolet

AM-S8, 3.0L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### 911 Carrera 4 GTS

AM-S8, 3.0L, 6cyl	19	17/23	\$3,450	4	P R T SS
M-7, 3.0L, 6cyl	19	17/23	\$3,450	4	P R T SS

### 911 Carrera 4 GTS Cabriolet

AM-S8, 3.0L, 6cyl	19	17/22	\$3,450	4	P R T SS
M-7, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T SS

### 911 Carrera 4S

AM-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P R T SS
M-7, 3.0L, 6cyl	20	17/25	\$3,300	4	P R T SS

### 911 Carrera 4S Cabriolet

AM-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P R T SS
M-7, 3.0L, 6cyl	20	17/24	\$3,300	4	P R T SS

### 911 Carrera Cabriolet

AM-S8, 3.0L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### 911 Carrera GTS

AM-S8, 3.0L, 6cyl	19	17/23	\$3,450	4	P R T SS
M-7, 3.0L, 6cyl	20	17/24	\$3,300	4	P R T SS

### 911 Carrera GTS Cabriolet

AM-S8, 3.0L, 6cyl	19	17/23	\$3,450	4	P R T SS
M-7, 3.0L, 6cyl	20	17/24	\$3,300	4	P R T SS

### 911 Carrera S

AM-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P R T SS
M-7, 3.0L, 6cyl	21	18/25	\$3,150	4	P R T SS

### 911 Carrera S Cabriolet

AM-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P R T SS
M-7, 3.0L, 6cyl	20	17/25	\$3,300	4	P R T SS

### 911 Sport Classic

M-7, 3.7L, 6cyl	17	15/21	\$3,850	3	P R T Tax SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
911 Targa 4					
AM-S8, 3.0L, 6cyl	20	18/24	\$3,300	4	P R T S S
911 Targa 4 GTS					
AM-S8, 3.0L, 6cyl	19	17/22	\$3,450	4	P R T S S
M-7, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T S S
911 Targa 4S					
AM-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P R T S S
M-7, 3.0L, 6cyl	20	17/24	\$3,300	4	P R T S S
911 Turbo					
AM-S8, 3.7L, 6cyl	17	15/20	\$3,850	3	P R T Tax S S
911 Turbo Cabriolet					
AM-S8, 3.7L, 6cyl	17	15/20	\$3,850	3	P R T Tax S S
911 Turbo S					
AM-S8, 3.7L, 6cyl	17	15/20	\$3,850	3	P R T S S
911 Turbo S Cabriolet					
AM-S8, 3.7L, 6cyl	17	15/20	\$3,850	3	P R T Tax S S

## SUBARU

### BRZ

A-S6, 2.4L, 4cyl	25	21/30	\$2,650	5	PR
M-6, 2.4L, 4cyl	22	20/27	\$3,000	5	PR

## TOYOTA

### GR 86

A-S6, 2.4L, 4cyl	25	21/31	\$2,650	5	PR
M-6, 2.4L, 4cyl	22	20/27	\$3,000	5	PR

## SUBCOMPACT CARS

## AUDI

### A3

AM-S7, 2.0L, 4cyl	32	28/38	\$1,650	6	P T MHEV S S
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### A3 quattro

AM-S7, 2.0L, 4cyl	30	27/35	\$1,750	6	P T MHEV S S
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### A5 Cabriolet quattro

AM-S7, 2.0L, 4cyl	26	24/31	\$2,550	5	P T MHEV S S
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### A5 Coupe quattro

AM-S7, 2.0L, 4cyl	27	24/32	\$2,450	5	P T MHEV S S
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### RS 5 Coupe

A-S8, 2.9L, 6cyl	21	18/26	\$3,150	4	P T
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### S3

AM-S7, 2.0L, 4cyl	26	23/32	\$2,550	5	P T S S
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### S5 Cabriolet

A-S8, 3.0L, 6cyl	23	21/28	\$2,850	5	P T S S
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### S5 Coupe

A-S8, 3.0L, 6cyl	24	21/30	\$2,750	5	P T S S
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### TT Coupe

AM-S7, 2.0L, 4cyl	25	23/30	\$2,100	5	T S S
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### TTS Coupe

AM-S7, 2.0L, 4cyl	26	23/31	\$2,550	5	P T S S
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## BENTLEY

### Continental GT

AM-S8, 4.0L, 8cyl	18	15/23	\$3,650	4	P R T CD S S
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Continental GT Speed					
AM-S8, 6.0L, 12cyl	15	12/20	\$4,400	2	P T Tax CD S5

## BMW

### 230i Coupe

A-S8, 2.0L, 4cyl	29	26/35	\$2,250	6	P T S S
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### 230i xDrive Coupe

A-S8, 2.0L, 4cyl	28	24/34	\$2,350	6	P T S S
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### 430i Convertible

A-S8, 2.0L, 4cyl	28	25/34	\$2,350	6	P T S S
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### 430i Coupe

A-S8, 2.0L, 4cyl	28	25/34	\$2,350	6	P T S S
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### 430i xDrive Convertible

A-S8, 2.0L, 4cyl	27	23/33	\$2,450	5	P T S S
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### 430i xDrive Coupe

A-S8, 2.0L, 4cyl	27	23/33	\$2,450	5	P T S S
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### 840i Convertible

A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T S S
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### 840i Coupe

A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T S S
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### 840i xDrive Convertible

A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T S S
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### 840i xDrive Coupe

A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T S S
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### i4 eDrive40 Gran Coupe (18 inch wheels)

A-1	109	109/108	\$700	10	EV
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### i4 M50 Gran Coupe (19 inch wheels)

A-1	96	94/98	\$750	10	EV
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### i4 M50 Gran Coupe (20 inch wheels)

A-1	80	79/80	\$900	10	EV
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### M2 Coupe

A-S8, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T S S
M-6, 3.0L, 6cyl	19	16/24	\$3,450	4	P R T S S

### M240i Coupe

A-S8, 3.0L, 6cyl	26	22/32	\$2,550	5	P T S S
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### M240i xDrive Coupe

A-S8, 3.0L, 6cyl	26	23/32	\$2,550	5	P T S S
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### M4 Competition Coupe

A-S8, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T S S
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### M4 Competition M xDrive Convertible

A-S8, 3.0L, 6cyl	18	16/23	\$3,650	4	P R T S S
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### M4 Competition M xDrive Coupe

A-S8, 3.0L, 6cyl	18	16/22	\$3,650	4	P R T S S
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### M4 Coupe

M-6, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T S S
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### M4 CSL Coupe

A-S8, 3.0L, 6cyl	18	16/23	\$3,650	4	P R T S S
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### M440i Convertible

A-S8, 3.0L, 6cyl	26	23/31	\$2,550	5	P T MHEV S S
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### M440i Coupe

A-S8, 3.0L, 6cyl	27	24/32	\$2,450	5	P T MHEV S S
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### M440i xDrive Convertible

A-S8, 3.0L, 6cyl	25	22/31	\$2,650	5	P T MHEV S S
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
M440i xDrive Coupe					
A-S8, 3.0L, 6cyl	25	22/31	\$2,650	5	P T MHEV SS
M8 Competition Convertible					
A-S8, 4.4L, 8cyl	17	15/22	\$3,850	3	P T Tax SS
M8 Competition Coupe					
A-S8, 4.4L, 8cyl	17	15/22	\$3,850	3	P T Tax SS
M850i xDrive Convertible					
A-S8, 4.4L, 8cyl	19	17/24	\$3,450	4	P T SS
M850i xDrive Coupe					
A-S8, 4.4L, 8cyl	19	17/24	\$3,450	4	P T SS

## CHEVROLET

### Camaro

A-S8, 2.0L, 4cyl	25	22/30	\$2,650	5	P R T
M-6, 2.0L, 4cyl	22	19/28	\$3,000	5	P R T
A-S10, 3.6L, 6cyl	22	18/29	\$2,400	5	CD
M-6, 3.6L, 6cyl	20	16/26	\$2,650	4	
A-S10, 6.2L, 8cyl	20	16/26	\$3,300	4	P R Tax CD
A-S10, 6.2L, 8cyl	16	13/21	\$4,100	3	P R S Tax
M-6, 6.2L, 8cyl	19	16/24	\$3,450	4	P R
M-6, 6.2L, 8cyl	16	14/20	\$4,100	3	P R S Tax

## FERRARI

### Roma

AM-8, 3.9L, 8cyl	19	17/22	\$3,450	4	P R T SS
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## LEXUS

### LC 500

A-S10, 5.0L, 8cyl	19	16/25	\$3,450	4	P R
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### LC 500h

AV-S10, 3.5L, 6cyl	29	26/33	\$2,250	6	P R HEV SS
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### RC 300

A-S8, 2.0L, 4cyl	25	21/31	\$2,650	5	P R T
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### RC 300 AWD

A-S6, 3.5L, 6cyl	22	19/26	\$3,000	5	P R
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### RC 350

A-S8, 3.5L, 6cyl	23	20/28	\$2,850	5	P R
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### RC 350 AWD

A-S6, 3.5L, 6cyl	22	19/26	\$3,000	5	P R
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## MERCEDES-BENZ

### AMG C43 4matic Convertible

A-9, 3.0L, 6cyl	22	18/28	\$3,000	5	P R T SS
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### AMG C43 4matic Coupe

A-9, 3.0L, 6cyl	21	18/27	\$3,150	4	P R T SS
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### AMG E53 4matic Plus Convertible

A-9, 3.0L, 6cyl	23	20/27	\$2,850	5	P R MHEV SS
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### AMG E53 4matic Plus Coupe

A-9, 3.0L, 6cyl	23	20/28	\$2,850	5	P R MHEV SS
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### C300 4matic Convertible

A-9, 2.0L, 4cyl	25	21/30	\$2,650	5	P R T SS
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### C300 4matic Coupe

A-9, 2.0L, 4cyl	25	22/31	\$2,650	5	P R T SS
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### C300 Convertible

A-9, 2.0L, 4cyl	24	21/29	\$2,750	5	P R T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
C300 Coupe					
A-9, 2.0L, 4cyl	25	22/31	\$2,650	5	P R T SS
E450 4matic Convertible					
A-9, 3.0L, 6cyl	24	22/29	\$2,750	5	P R T MHEV SS
E450 4matic Coupe					
A-9, 3.0L, 6cyl	24	21/30	\$2,750	5	P R T MHEV SS
E450 Convertible					
A-9, 3.0L, 6cyl	25	22/29	\$2,650	5	P R T MHEV SS
E450 Coupe					
A-9, 3.0L, 6cyl	25	23/30	\$2,650	5	P R T MHEV SS

## MINI

### Cooper Hardtop 2 door

AM-S7, 1.5L, 3cyl	32	29/38	\$2,050	6	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$2,100	6	P T SS

### Cooper Hardtop 4 door

AM-S7, 1.5L, 3cyl	32	29/38	\$2,050	6	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$2,100	6	P T SS

### Cooper S Hardtop 2 door

AM-S7, 2.0L, 4cyl	31	28/38	\$2,100	6	P T
M-6, 2.0L, 4cyl	27	23/33	\$2,450	5	P T

### Cooper S Hardtop 4 door

AM-S7, 2.0L, 4cyl	31	28/38	\$2,100	6	P T
M-6, 2.0L, 4cyl	27	23/33	\$2,450	5	P T

### Cooper SE Hardtop 2 door

A-1	110	119/100	\$650	10	EV
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### John Cooper Works Hardtop 2 door

A-S8, 2.0L, 4cyl	29	25/34	\$2,250	6	P T
M-6, 2.0L, 4cyl	25	22/31	\$2,650	5	P T

## TOYOTA

### GR Corolla

M-6, 1.6L, 3cyl	24	21/28	\$2,750	5	P R T
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## COMPACT CARS

## ACURA

### TLX AWD

A-S10, 2.0L, 4cyl	24	21/29	\$2,750	5	P T SS
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### TLX AWD A-SPEC

A-S10, 2.0L, 4cyl	24	21/29	\$2,750	5	P T SS
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### TLX FWD

A-S10, 2.0L, 4cyl	25	22/31	\$2,650	5	P T SS
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### TLX FWD A-SPEC

A-S10, 2.0L, 4cyl	25	22/30	\$2,650	5	P T SS
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### TLX Type-S

A-S10, 3.0L, 6cyl	21	19/25	\$3,150	4	P T CD SS
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### TLX Type-S Perf Tire

A-S10, 3.0L, 6cyl	21	19/24	\$3,150	4	P T CD SS
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## AUDI

### A4 quattro

AM-S7, 2.0L, 4cyl	28	24/33	\$2,350	6	P T MHEV SS
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### A4 S-Line quattro

AM-S7, 2.0L, 4cyl	27	24/32	\$2,450	5	P T MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
S4					
A-S8, 3.0L, 6cyl	24	21/30	\$2,750	5	P T SS

## BMW

### 228i Gran Coupe

A-S8, 2.0L, 4cyl	28	24/34	\$2,350	6	P T SS
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### 228i xDrive Gran Coupe

A-S8, 2.0L, 4cyl	27	23/33	\$2,450	5	P T SS
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### 330i Sedan

A-S8, 2.0L, 4cyl	29	25/34	\$2,250	6	P T SS
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### 330i xDrive Sedan

A-S8, 2.0L, 4cyl	27	24/33	\$2,450	5	P T SS
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### 430i Gran Coupe

A-S8, 2.0L, 4cyl	28	25/34	\$2,350	6	P T SS
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### 430i xDrive Gran Coupe

A-S8, 2.0L, 4cyl	27	23/33	\$2,450	5	P T SS
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### 530e Sedan

A-S8, 2.0L, 4cyl	See page 37.			P T PHEV SS	
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### 530e xDrive Sedan

A-S8, 2.0L, 4cyl	See page 37.			P T PHEV SS	
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### M235i xDrive Gran Coupe

A-S8, 2.0L, 4cyl	27	24/33	\$2,450	5	P T SS
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### M3 Competition M xDrive Sedan

A-S8, 3.0L, 6cyl	18	16/22	\$3,650	4	P R T SS
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### M3 Competition Sedan

A-S8, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T SS
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### M3 Sedan

M-6, 3.0L, 6cyl	19	16/23	\$3,450	4	P R T SS
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### M340i Sedan

A-S8, 3.0L, 6cyl	26	23/31	\$2,550	5	P T MHEV SS
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### M340i xDrive Sedan

A-S8, 3.0L, 6cyl	26	23/32	\$2,550	5	P T MHEV SS
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### M440i Gran Coupe

A-S8, 3.0L, 6cyl	27	24/32	\$2,450	5	P T MHEV SS
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### M440i xDrive Gran Coupe

A-S8, 3.0L, 6cyl	25	22/31	\$2,650	5	P T MHEV SS
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## CADILLAC

### CT4

A-S10, 2.0L, 4cyl	27	23/34	\$2,450	5	P R T CD SS
A-S10, 2.7L, 4cyl	25	21/31	\$2,650	5	P R T CD SS

### CT4 AWD

A-S8, 2.0L, 4cyl	26	22/31	\$2,550	5	P R T CD SS
A-S10, 2.7L, 4cyl	24	21/29	\$2,750	5	P R T CD SS

### CT4 V

A-S10, 2.7L, 4cyl	23	20/29	\$2,850	5	P R T CD SS
A-S10, 3.6L, 6cyl	19	16/24	\$3,450	4	P R T
M-6, 3.6L, 6cyl	18	15/23	\$3,650	4	P R T

### CT4 V AWD

A-S10, 2.7L, 4cyl	23	20/28	\$2,850	5	P R T CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## GENESIS

### G70 AWD

A-S8, 2.0L, 4cyl	23	20/28	\$2,850	5	P T
A-S8, 3.3L, 6cyl	20	17/26	\$3,300	4	P T

### G70 RWD

A-S8, 2.0L, 4cyl	25	21/31	\$2,650	5	P T
A-S8, 3.3L, 6cyl	21	18/27	\$3,150	4	P T

## KIA

### Rio

AV-S1, 1.6L, 4cyl	36	32/41	\$1,450	7	
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## LEXUS

### IS 300

A-S8, 2.0L, 4cyl	25	21/31	\$2,650	5	P R T
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### IS 300 AWD

A-S6, 3.5L, 6cyl	22	19/26	\$3,000	5	PR
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### IS 350

A-S8, 3.5L, 6cyl	23	20/28	\$2,850	5	PR
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### IS 350 AWD

A-S6, 3.5L, 6cyl	22	19/26	\$3,000	5	PR
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### IS 500

A-S8, 5.0L, 8cyl	20	17/25	\$3,300	4	PR
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### UX 250h

AV-S6, 2.0L, 4cyl	42	43/41	\$1,250	8	HEV SS
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### UX 250h AWD

AV-S6, 2.0L, 4cyl	39	41/38	\$1,350	7	HEV SS
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## MERCEDES-BENZ

### AMG CLA45 4matic

AM-8, 2.0L, 4cyl	23	20/28	\$2,850	5	P R T SS
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### AMG GT 43 4matic Plus

A-9, 3.0L, 6cyl	21	19/24	\$3,150	4	PR MHEV SS
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### AMG GT 53 4matic Plus

A-9, 3.0L, 6cyl	21	19/24	\$3,150	4	PR MHEV SS
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### C300

A-9, 2.0L, 4cyl	29	25/36	\$2,250	6	P R T MHEV SS
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### C300 4matic

A-9, 2.0L, 4cyl	27	24/33	\$2,450	5	P R T MHEV SS
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### CLA250

AM-7, 2.0L, 4cyl	29	25/36	\$2,250	6	P R T SS
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### CLA250 4matic

AM-7, 2.0L, 4cyl	27	24/33	\$2,450	5	P R T SS
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### CLS450 4matic

A-9, 3.0L, 6cyl	25	22/30	\$2,650	5	P R T MHEV SS
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## MITSUBISHI

### Mirage

AV, 1.2L, 3cyl	39	36/43	\$1,350	7	
M-5, 1.2L, 3cyl	36	33/41	\$1,450	7	

### Mirage G4

AV, 1.2L, 3cyl	37	35/41	\$1,450	7	
M-5, 1.2L, 3cyl	35	33/40	\$1,500	7	



Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## PORSCHE

### Taycan 4S Perf Battery Plus

A-2	80	79/81	\$900	10	EV
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### Taycan 4S Performance Battery

A-2	82	82/82	\$850	10	EV
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### Taycan GTS

▶ A-2	83	83/82	\$850	10	EV
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### Taycan GTS Sport Turismo

A-2	80	80/80	\$900	10	EV
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### Taycan Perf Battery Plus

A-2	82	78/88	\$850	10	EV
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### Taycan Performance Battery

▶ A-2	83	79/88	\$850	10	EV
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### Taycan Turbo

A-2	81	81/80	\$900	10	EV
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### Taycan Turbo S

A-2	75	76/74	\$950	10	EV
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## TOYOTA

### Corolla

AV-S10, 2.0L, 4cyl	35	32/41	\$1,500	7	
AV-S10, 2.0L, 4cyl	34	31/40	\$1,550	7	3-Mode

### Corolla Hatchback

AV-S10, 2.0L, 4cyl	35	32/41	\$1,500	7	
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### Corolla Hatchback XSE

AV-S10, 2.0L, 4cyl	33	30/38	\$1,600	6	
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### Corolla Hybrid

▶ AV, 1.8L, 4cyl	50	53/46	\$1,050	8	HEV SS
AV, 1.8L, 4cyl	47	50/43	\$1,150	8	S-Mode HEV SS

### Corolla Hybrid AWD

AV, 1.8L, 4cyl	48	51/44	\$1,100	8	HEV SS
AV, 1.8L, 4cyl	44	47/41	\$1,200	8	S-Mode HEV SS

## VOLKSWAGEN

### GLI

AM-S7, 2.0L, 4cyl	30	26/36	\$1,750	6	T SS
M-6, 2.0L, 4cyl	30	26/37	\$1,750	6	T

### Golf-R

AM-S7, 2.0L, 4cyl	26	23/30	\$2,550	5	P T SS
M-6, 2.0L, 4cyl	23	20/28	\$2,850	5	P T

### GTI

AM-S7, 2.0L, 4cyl	28	24/34	\$1,900	6	T SS
M-6, 2.0L, 4cyl	27	23/32	\$1,950	5	T

### Jetta

A-S8, 1.5L, 4cyl	35	31/41	\$1,500	7	T SS
M-6, 1.5L, 4cyl	34	29/42	\$1,550	7	T

### Jetta Sport/SE/SEL

A-S8, 1.5L, 4cyl	33	29/40	\$1,600	6	T SS
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## VOLVO

### S60 B5

A-S8, 2.0L, 4cyl	30	26/35	\$2,200	6	PR T MHEV SS
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### S60 B5 AWD

A-S8, 2.0L, 4cyl	28	25/33	\$2,350	6	PR T MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## MIDSIZE CARS

## ALFA ROMEO

### Giulia

A-8, 2.0L, 4cyl	27	24/33	\$2,450	5	P T SS
A-8, 2.9L, 6cyl	20	17/25	\$3,300	4	P T CD SS

### Giulia AWD

A-8, 2.0L, 4cyl	26	23/31	\$2,550	5	P T SS
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## AUDI

### A5 Sportback quattro

AM-S7, 2.0L, 4cyl	28	24/33	\$2,350	6	P T MHEV SS
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### A5 Sportback S-Line quattro

AM-S7, 2.0L, 4cyl	27	24/32	\$2,450	5	P T MHEV SS
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### A6 quattro

AM-S7, 2.0L, 4cyl	27	24/31	\$2,450	5	P T MHEV SS
AM-S7, 3.0L, 6cyl	24	21/30	\$2,750	5	P T MHEV SS

### A7

AM-S7, 3.0L, 6cyl	24	21/30	\$2,750	5	P T MHEV SS
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### e-tron GT

A-2	82	81/83	\$850	10	EV
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### RS 5 Sportback

A-S8, 2.9L, 6cyl	21	18/25	\$3,150	4	P T
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### RS 7

A-S8, 4.0L, 8cyl	17	14/21	\$3,850	3	P T Tax CD MHEV SS
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### RS e-tron GT

A-2	81	79/82	\$900	10	EV
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### S5 Sportback

A-S8, 3.0L, 6cyl	24	21/30	\$2,750	5	P T SS
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### S6

A-S8, 2.9L, 6cyl	22	19/26	\$3,000	5	P T MHEV SS
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### S7

A-S8, 2.9L, 6cyl	22	19/26	\$3,000	5	P T MHEV SS
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## BENTLEY

### Flying Spur

AM-S8, 4.0L, 8cyl	17	15/22	\$3,850	3	PR T Tax CD SS
AM-S8, 6.0L, 12cyl	15	12/19	\$4,400	2	P T Tax CD SS

### Flying Spur Hybrid

AM-S8, 2.9L, 6cyl	See page 37.				P T PHEV SS
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## BMW

### 530i Sedan

A-S8, 2.0L, 4cyl	28	25/33	\$2,350	6	P T SS
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### 530i xDrive Sedan

A-S8, 2.0L, 4cyl	26	23/32	\$2,550	5	P T SS
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### 540i Sedan

A-S8, 3.0L, 6cyl	27	25/32	\$2,450	5	P T MHEV SS
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### 540i xDrive Sedan

A-S8, 3.0L, 6cyl	25	22/29	\$2,650	5	P T MHEV SS
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### 840i Gran Coupe

A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
840i xDrive Gran Coupe					
A-S8, 3.0L, 6cyl	24	21/29	\$2,750	5	P T SS
Alpina B8 Gran Coupe					
A-S8, 4.4L, 8cyl	19	17/24	\$3,450	4	P T SS
M5 Competition Sedan					
A-S8, 4.4L, 8cyl	17	15/21	\$3,850	3	P T Tax SS
M5 Sedan					
A-S8, 4.4L, 8cyl	17	15/21	\$3,850	3	P T Tax SS
M550i xDrive Sedan					
A-S8, 4.4L, 8cyl	20	17/25	\$3,300	4	P T SS
M8 Competition Gran Coupe					
A-S8, 4.4L, 8cyl	17	15/22	\$3,850	3	P T Tax SS
M850i xDrive Gran Coupe					
A-S8, 4.4L, 8cyl	19	17/24	\$3,450	4	P T SS
X2 M35i					
A-S8, 2.0L, 4cyl	27	24/31	\$2,450	5	P T SS
X2 sDrive28i					
A-S8, 2.0L, 4cyl	27	24/32	\$2,450	5	P T SS
X2 xDrive28i					
A-S8, 2.0L, 4cyl	27	24/31	\$2,450	5	P T SS

## CADILLAC

### CT5

A-S10, 2.0L, 4cyl	27	23/33	\$2,450	5	P R T CD SS
A-S10, 3.0L, 6cyl	22	19/27	\$3,000	5	P R T CD SS

### CT5 AWD

A-S10, 2.0L, 4cyl	25	22/30	\$2,650	5	P R T CD SS
A-S10, 3.0L, 6cyl	21	18/26	\$3,150	4	P R T CD SS

### CT5 V

A-S10, 3.0L, 6cyl	21	18/27	\$3,150	4	P R T CD SS
A-S10, 6.2L, 8cyl	16	13/21	\$4,100	3	P R S Tax CD
M-6, 6.2L, 8cyl	15	13/21	\$4,400	2	P R S Tax

## CHEVROLET

### Malibu

AV, 1.5L, 4cyl	30	27/35	\$1,750	6	T SS
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## GENESIS

### Electrified G80

A-1	97	105/89	\$700	10	EV
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## HONDA

### Civic 4Dr

AV, 1.5L, 4cyl	36	33/42	\$1,450	7	T SS
AV-S7, 1.5L, 4cyl	34	31/38	\$1,550	7	T SS
M-6, 1.5L, 4cyl	31	27/37	\$2,100	6	P T SS
AV-S7, 2.0L, 4cyl	33	30/37	\$1,600	6	SS

## HYUNDAI

### Elantra

AM-S7, 1.6L, 4cyl	31	28/36	\$1,700	6	T
AV-S1, 2.0L, 4cyl	37	33/42	\$1,450	7	SS
AV-S1, 2.0L, 4cyl	34	30/40	\$1,550	7	

### Elantra Hybrid

AM-S6, 1.6L, 4cyl	50	49/52	\$1,050	8	HEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Elantra Hybrid Blue					
▶AM-S6, 1.6L, 4cyl	54	53/56	\$1,000	9	HEV SS
Elantra N					
AM-S8, 2.0L, 4cyl	23	20/30	\$2,850	5	P T
M-6, 2.0L, 4cyl	25	22/31	\$2,650	5	P T
Venue					
AV-S1, 1.6L, 4cyl	31	29/33	\$1,700	6	

## INFINITI

### Q50

A-S7, 3.0L, 6cyl	23	20/29	\$2,850	5	P R T
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### Q50 AWD

A-S7, 3.0L, 6cyl	22	19/27	\$3,000	5	P R T
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### Q50 Red Sport

A-S7, 3.0L, 6cyl	22	20/26	\$3,000	5	P R T
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### Q50 Red Sport AWD

A-S7, 3.0L, 6cyl	22	19/26	\$3,000	5	P R T
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## JAGUAR

### XF P250

A-S8, 2.0L, 4cyl	28	25/33	\$2,350	6	P T SS
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### XF P250 AWD

A-S8, 2.0L, 4cyl	26	23/32	\$2,550	5	P T SS
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### XF P300 AWD

A-S8, 2.0L, 4cyl	25	22/30	\$2,650	5	P T SS
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## KIA

### Forte

AM-S7, 1.6L, 4cyl	30	27/35	\$1,750	6	T
M-6, 1.6L, 4cyl	26	22/31	\$2,050	5	T
AV, 2.0L, 4cyl	32	28/39	\$1,650	6	

### Forte FE

AV, 2.0L, 4cyl	34	30/41	\$1,550	7	
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### Stinger AWD

A-S8, 2.5L, 4cyl	24	21/29	\$2,750	5	P T SS
A-S8, 3.3L, 6cyl	20	17/24	\$3,300	4	P T SS

### Stinger RWD

A-S8, 2.5L, 4cyl	25	22/32	\$2,650	5	P T SS
A-S8, 3.3L, 6cyl	20	18/25	\$3,300	4	P T SS

## LEXUS

### ES 250 AWD

A-S8, 2.5L, 4cyl	28	25/34	\$1,900	6	
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### ES 300h

AV-S6, 2.5L, 4cyl	44	43/44	\$1,200	8	HEV SS
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### ES 350

A-S8, 3.5L, 6cyl	26	22/32	\$2,050	5	
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### ES 350 F Sport

A-S8, 3.5L, 6cyl	25	22/31	\$2,100	5	
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### LS 500

A-S10, 3.4L, 6cyl	22	18/29	\$3,000	5	P R T
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### LS 500 AWD

A-S10, 3.4L, 6cyl	21	17/27	\$3,150	4	P R T
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### LS 500h AWD

AV-S10, 3.5L, 6cyl	25	22/29	\$2,650	5	P R HEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## MASERATI

### Ghibli GT

A-8, 3.0L, 6cyl	20	18/25	\$3,300	4	P R T SS
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### Ghibli Modena AWD

A-8, 3.0L, 6cyl	20	17/25	\$3,300	4	P R T SS
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### Ghibli Modena RWD

A-8, 3.0L, 6cyl	20	18/25	\$3,300	4	P R T SS
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### Ghibli Trofeo

A-8, 3.8L, 8cyl	16	13/20	\$4,100	3	P R T Tax SS
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## MAZDA

### 3 5-Door 2WD

A-S6, 2.5L, 4cyl	30	27/35	\$1,750	6	CD
M-6, 2.5L, 4cyl	30	26/36	\$1,750	6	CD

### 3 5-Door 4WD

A-S6, 2.5L, 4cyl	29	26/33	\$1,850	6	CD
A-S6, 2.5L, 4cyl	26	23/31	\$2,050	5	T

## MERCEDES-BENZ

### AMG E53 4matic Plus

A-9, 3.0L, 6cyl	24	21/29	\$2,750	5	PR MHEV SS
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### E350

A-9, 2.0L, 4cyl	26	23/31	\$2,550	5	P R T SS
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### E350 4matic

A-9, 2.0L, 4cyl	24	21/30	\$2,750	5	P R T SS
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### E450 4matic

A-9, 3.0L, 6cyl	26	23/31	\$2,550	5	P R T MHEV SS
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## MINI

### Cooper Countryman

AM-S7, 1.5L, 3cyl	28	26/32	\$2,350	6	P T SS
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### Cooper Countryman All4

A-S8, 1.5L, 3cyl	26	23/31	\$2,550	5	P T SS
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### Cooper S Clubman

AM-S7, 2.0L, 4cyl	29	25/35	\$2,250	6	P T
M-6, 2.0L, 4cyl	25	22/32	\$2,650	5	P T

### Cooper S Clubman All4

A-S8, 2.0L, 4cyl	27	23/32	\$2,450	5	P T SS
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### Cooper S Countryman

AM-S7, 2.0L, 4cyl	28	24/33	\$2,350	6	P T
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### Cooper S Countryman All4

A-S8, 2.0L, 4cyl	26	23/31	\$2,550	5	P T SS
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### Cooper SE Countryman All4

A-S6, 1.5L, 3cyl	See page 37.			6	P T PHEV SS
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### JCW Countryman All4

A-S8, 2.0L, 4cyl	26	24/30	\$2,550	5	P T SS
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### John Cooper Works Clubman All4

A-S8, 2.0L, 4cyl	26	23/31	\$2,550	5	P T SS
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## NISSAN

### Altima

AV, 2.5L, 4cyl	32	27/39	\$1,650	6	
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Altima AWD

AV, 2.5L, 4cyl	30	26/36	\$1,750	6	
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### Altima SL/SR

AV, 2.5L, 4cyl	31	27/37	\$1,700	6	
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### Altima SR

AV-S8, 2.0L, 4cyl	29	25/34	\$1,850	6	T
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### Kicks

AV, 1.6L, 4cyl	33	31/36	\$1,600	6	
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### LEAF

A-1	111	123/99	\$650	10	EV
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### LEAF SV

A-1	109	121/98	\$650	10	EV
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### Maxima

AV-S7, 3.5L, 6cyl	24	20/30	\$2,750	5	P
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## POLESTAR

### 2 BST edition

A-1	95	98/91	\$750	10	EV
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### 2 Dual Motor

A-1	100	105/96	\$700	10	EV
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### 2 Dual Motor Perf Pack

A-1	100	105/96	\$700	10	EV
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### 2 Single Motor

A-1	107	113/100	\$650	10	EV
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## PORSCHE

### Taycan 4 Cross Turismo

A-2	80	80/80	\$900	10	EV
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### Taycan 4S Cross Turismo

A-2	78	78/78	\$900	10	EV
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### Taycan Turbo Cross Turismo

A-2	79	80/78	\$850	10	EV
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### Taycan Turbo S Cross Turismo

A-2	75	76/74	\$950	10	EV
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## SUBARU

### Impreza 4-Door

AV-S7, 2.0L, 4cyl	32	28/36	\$1,650	6	
M-5, 2.0L, 4cyl	26	23/31	\$2,050	5	

### Impreza Sport 4-Door

AV-S7, 2.0L, 4cyl	30	27/36	\$1,750	6	
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## TESLA

### Model 3 Long Range AWD

A-1	131	134/126	\$550	10	EV
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### Model 3 Performance AWD

A-1	113	118/107	\$650	10	EV
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### Model 3 RWD

A-1	132	138/126	\$550	10	EV
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## TOYOTA

### Camry

A-S8, 3.5L, 6cyl	26	22/33	\$2,050	5	
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Camry AWD LE/SE					
A-S8, 2.5L, 4cyl	29	25/34	\$1,850	6	
Camry AWD XLE/XSE					
A-S8, 2.5L, 4cyl	28	25/34	\$1,900	6	
Camry Hybrid LE					
AV-S6, 2.5L, 4cyl	52	51/53	\$1,000	9	HEV SS
Camry Hybrid SE/XLE/XSE					
AV-S6, 2.5L, 4cyl	46	44/47	\$1,150	8	HEV SS
Camry LE/SE					
A-S8, 2.5L, 4cyl	32	28/39	\$1,650	6	
Camry TRD					
A-S8, 3.5L, 6cyl	25	22/31	\$2,100	5	
Camry XLE/XSE					
A-S8, 2.5L, 4cyl	31	27/38	\$1,700	6	
Camry XSE					
A-S8, 3.5L, 6cyl	26	22/32	\$2,050	5	

## VOLVO

### S90 B6 AWD

A-S8, 2.0L, 4cyl	26	23/32	\$2,550	5	P R T S MHEV SS
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### S90 T8 AWD Recharge ext. Range

A-S8, 2.0L, 4cyl	See page 37.				P R T S PHEV SS
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## LARGE CARS

## ACURA

### Integra

AV-S7, 1.5L, 4cyl	33	30/37	\$2,000	6	P T SS
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### Integra A-Spec

AV-S7, 1.5L, 4cyl	32	29/36	\$2,050	6	P T SS
M-6, 1.5L, 4cyl	30	26/36	\$2,200	6	P T SS

## AUDI

### A8 L

A-S8, 3.0L, 6cyl	22	19/28	\$3,000	5	P T MHEV SS
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### S8

A-S8, 4.0L, 8cyl	18	15/23	\$3,650	4	P T CD MHEV SS
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## BMW

### 740i Sedan

A-S8, 3.0L, 6cyl	27	25/31	\$2,450	5	P T MHEV SS
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### 760i xDrive Sedan

A-S8, 4.4L, 8cyl	21	18/26	\$3,150	4	P T MHEV SS
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### i7 xDrive60 Sedan (19 inch wheels)

A-1	89	87/92	\$800	10	EV
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### i7 xDrive60 Sedan (20 inch wheels)

A-1	83	81/85	\$850	10	EV
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### i7 xDrive60 Sedan (21 inch wheels)

A-1	87	85/89	\$800	10	EV
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## GENESIS

### G80 AWD

A-S8, 2.5L, 4cyl	25	22/30	\$2,650	5	P T SS
A-S8, 3.5L, 6cyl	19	16/25	\$3,450	4	P T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
G80 RWD					
A-S8, 2.5L, 4cyl	26	22/32	\$2,550	5	P T SS
G90 AWD					
A-S8, 3.5L, 6cyl	21	18/26	\$3,150	4	P T SS
G90 MHEV					
A-S8, 3.5L, 6cyl	20	17/24	\$3,300	4	P MHEV SS
GV60 ADVANCE					
A-1	95	103/86	\$750	10	EV
GV60 PERFORMANCE					
A-1	90	97/82	\$750	10	EV

## HONDA

### Civic 5Dr

AV, 1.5L, 4cyl	35	31/39	\$1,500	7	T SS
AV-S7, 1.5L, 4cyl	33	30/37	\$1,600	6	T SS
M-6, 1.5L, 4cyl	31	28/37	\$1,700	6	T SS
AV-S7, 2.0L, 4cyl	32	29/37	\$1,650	6	SS
M-6, 2.0L, 4cyl	29	26/36	\$1,850	6	SS
M-6, 2.0L, 4cyl	24	22/28	\$2,750	5	P T

## HYUNDAI

### Sonata

A-S8, 1.6L, 4cyl	31	27/37	\$1,700	6	T
A-S8, 2.5L, 4cyl	32	28/38	\$1,650	6	SS
A-S8, 2.5L, 4cyl	31	27/37	\$1,700	6	
AM-S8, 2.5L, 4cyl	27	23/33	\$1,950	5	T

### Sonata Hybrid

AM-S6, 2.0L, 4cyl	47	45/51	\$1,150	8	HEV SS
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### Sonata Hybrid Blue

AM-S6, 2.0L, 4cyl	52	50/54	\$1,000	9	HEV SS
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## KIA

### K5

A-S8, 1.6L, 4cyl	31	27/37	\$1,700	6	T
AM-S8, 2.5L, 4cyl	27	24/32	\$1,950	5	T

### K5 AWD

A-S8, 1.6L, 4cyl	28	25/33	\$1,900	6	T
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## MASERATI

### Quattroporte GT

A-8, 3.0L, 6cyl	19	16/25	\$3,450	4	P R T SS
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### Quattroporte Modena AWD

A-8, 3.0L, 6cyl	20	17/25	\$3,300	4	P R T SS
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### Quattroporte Modena RWD

A-8, 3.0L, 6cyl	19	16/25	\$3,450	4	P R T SS
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### Quattroporte Trofeo

A-8, 3.8L, 8cyl	16	13/20	\$4,100	3	P R T Tax SS
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## MERCEDES-BENZ

### EQS 450 4Matic

A-1	103	101/105	\$650	10	EV SS
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### S500 4matic

A-9, 3.0L, 6cyl	23	20/28	\$2,850	5	PR MHEV SS
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### S580 4matic

A-9, 4.0L, 8cyl	19	16/25	\$3,450	4	PR T MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
S580 4matic Maybach					
A-9, 4.0L, 8cyl	18	15/25	\$3,650	4	PR T MHEV SS

## PORSCHE

### Panamera

AM-S8, 2.9L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### Panamera 4

AM-S8, 2.9L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### Panamera 4 e-Hybrid

AM-S8, 2.9L, 6cyl	See page 37.				P R T PHEV SS
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### Panamera 4 Executive

AM-S8, 2.9L, 6cyl	19	17/23	\$3,450	4	P R T SS
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### Panamera 4 ST

AM-S8, 2.9L, 6cyl	20	18/23	\$3,300	4	P R T SS
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### Panamera 4S

AM-S8, 2.9L, 6cyl	20	18/24	\$3,300	4	P R T SS
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### Panamera 4S E-Hybrid

AM-S8, 2.9L, 6cyl	See page 37.				P R T PHEV SS
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### Panamera 4S Executive

AM-S8, 2.9L, 6cyl	19	17/23	\$3,450	4	P R T SS
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### Panamera 4S ST

AM-S8, 2.9L, 6cyl	19	17/23	\$3,450	4	P R T SS
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### Panamera GTS

AM-S8, 4.0L, 8cyl	17	15/21	\$3,850	3	P R T CD SS
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### Panamera GTS ST

AM-S8, 4.0L, 8cyl	17	15/20	\$3,850	3	P R T CD SS
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### Panamera Turbo S

AM-S8, 4.0L, 8cyl	17	15/21	\$3,850	3	P R T CD SS
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### Panamera Turbo S e-Hybrid

AM-S8, 4.0L, 8cyl	See page 37.				P R T PHEV SS
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## ROLLS-ROYCE

### Ghost

A-S8, 6.7L, 12cyl	14	12/19	\$4,700	2	P T Tax
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### Ghost Black Badge

A-S8, 6.7L, 12cyl	14	12/19	\$4,700	2	P T Tax
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### Ghost Extended

A-S8, 6.7L, 12cyl	14	12/19	\$4,700	2	P T Tax
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### Phantom

A-S8, 6.7L, 12cyl	14	12/18	\$4,700	2	P T Tax
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### Phantom Extended

A-S8, 6.7L, 12cyl	14	12/18	\$4,700	2	P T Tax
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## SUBARU

### Legacy AWD

AV-S8, 2.4L, 4cyl	26	23/31	\$2,050	5	T SS
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AV-S8, 2.5L, 4cyl	30	27/35	\$1,750	6	SS
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## TESLA

### Model S

▶ A-1	120	124/115	\$600	10	EV
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## VOLKSWAGEN

### Arteon

AM-7, 2.0L, 4cyl	28	25/33	\$2,350	6	P T SS
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### Arteon 4motion

AM-7, 2.0L, 4cyl	25	22/31	\$2,650	5	P T SS
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## SMALL STATION WAGONS

## AUDI

### A4 allroad quattro

AM-S7, 2.0L, 4cyl	26	23/30	\$2,550	5	P T MHEV SS
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## CHEVROLET

### Bolt EUV

A-1	115	125/104	\$600	10	EV
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### Bolt EV

▶ A-1	120	131/109	\$600	10	EV
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## HONDA

### HR-V AWD

AV, 2.0L, 4cyl	27	25/30	\$1,950	5	
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### HR-V FWD

AV, 2.0L, 4cyl	28	26/32	\$1,900	6	
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## KIA

### EV6 AWD GT

A-1	79	85/74	\$900	10	EV
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### EV6 Long Range AWD (19 inch tires)

A-1	109	120/98	\$650	10	EV
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### EV6 Long Range AWD (20 inch tires)

A-1	96	106/86	\$700	10	EV
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### EV6 Long Range RWD

A-1	117	134/101	\$600	10	EV
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### EV6 Standard Range RWD

A-1	117	136/100	\$600	10	EV
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### Niro

AM-S6, 1.6L, 4cyl	49	53/45	\$1,100	8	HEV SS
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### Niro Electric

A-1	113	126/101	\$600	10	EV
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### Niro FE

▶ AM-S6, 1.6L, 4cyl	53	53/54	\$1,000	9	HEV SS
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### Soul

AV, 2.0L, 4cyl	30	28/33	\$1,750	6	SS
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### Soul Eco dynamics

AV, 2.0L, 4cyl	31	29/35	\$1,700	6	SS
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## LAMBORGHINI

### Urus Performante

A-S8, 4.0L, 8cyl	16	14/19	\$4,100	3	P T Tax CD SS
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## MERCEDES-BENZ

### AMG GLA45 4matic

AM-8, 2.0L, 4cyl	22	20/25	\$3,000	5	P R T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## NISSAN

### ARIYA ENGAGE FWD 63kWh

A-1	101	109/94	\$700	10	EV
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### ARIYA EVO Plus/EMP Plus/PRM FWD 87kWh

A-1	98	105/91	\$700	10	EV
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### ARIYA VENTURE Plus FWD 87kWh

A-1	103	111/95	\$700	10	EV
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## SUBARU

### Impreza 5-Door

AV-S7, 2.0L, 4cyl	31	28/36	\$1,700	6	
M-5, 2.0L, 4cyl	26	24/31	\$2,050	5	

### Impreza Sport 5-Door

AV-S7, 2.0L, 4cyl	30	27/35	\$1,750	6	
M-5, 2.0L, 4cyl	25	22/30	\$2,100	5	

## VOLVO

### V60 T8 AWD Recharge ext. Range

A-S8, 2.0L, 4cyl	See page 37.			PR T PHEV SS	
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### V60CC B5 AWD

A-S8, 2.0L, 4cyl	26	23/30	\$2,550	5	PR T MHEV SS
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## MIDSIZE STATION WAGONS

## AUDI

### A6 Allroad

AM-S7, 3.0L, 6cyl	24	21/30	\$2,750	5	P T MHEV SS
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### RS 6 Avant

A-S8, 4.0L, 8cyl	17	14/21	\$3,850	3	P T Tax CD MHEV SS
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## MERCEDES-BENZ

### E450 4matic All-Terrain (wagon)

A-9, 3.0L, 6cyl	24	21/28	\$2,750	5	PR T MHEV SS
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## NISSAN

### Murano AWD

AV-S7, 3.5L, 6cyl	23	20/28	\$2,300	5	
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### Murano FWD

AV-S7, 3.5L, 6cyl	23	20/28	\$2,300	5	
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## ROLLS-ROYCE

### Cullinan

A-S8, 6.7L, 12cyl	14	12/19	\$4,700	2	P T Tax
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### Cullinan Black Badge

A-S8, 6.7L, 12cyl	14	12/19	\$4,700	2	P T Tax
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## VOLVO

### V90CC B6 AWD

A-S8, 2.0L, 4cyl	25	22/29	\$2,650	5	PR T S MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## SMALL PICKUP TRUCKS 2WD

## TOYOTA

### Tacoma 2WD

A-S6, 2.7L, 4cyl	21	20/23	\$2,500	4	
A-S6, 3.5L, 6cyl	21	19/24	\$2,500	4	

## SMALL PICKUP TRUCKS 4WD

## TOYOTA

### Tacoma 4WD

A-S6, 2.7L, 4cyl	20	19/22	\$2,650	4	PT4
A-S6, 3.5L, 6cyl	20	18/22	\$2,650	4	PT4
M-6, 3.5L, 6cyl	18	17/21	\$2,950	4	PT4

### Tacoma 4WD D-CAB MT TRD-ORP/PRO

M-6, 3.5L, 6cyl	18	17/20	\$2,950	4	PT4
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## STANDARD PICKUP TRUCKS 2WD

## CHEVROLET

### Silverado 2WD

A-8, 2.7L, 4cyl	20	19/22	\$2,650	4	T CD SS
A-8, 2.7L, 4cyl	20	19/21	\$2,650	4	T CD S-Mode SS
A-10, 3.0L, 6cyl	26	24/29	\$2,950	5	D T SS
A-10, 5.3L, 8cyl	19	17/21	\$2,800	4	CD S-Mode SS
A-10, 5.3L, 8cyl	19	17/21	\$2,800	4	CD SS
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	CD
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	Gas CD
	13	12/15	\$4,550	4	E85

## FORD

### F150 Pickup 2WD

A-S10, 2.7L, 6cyl	22	20/26	\$2,400	5	T SS
A-S10, 2.7L, 6cyl	21	18/25	\$2,500	4	T
A-S10, 3.5L, 6cyl	21	18/24	\$2,500	4	T SS

### F150 Pickup 2WD FFV

A-S10, 3.3L, 6cyl	21	19/24	\$2,500	4	Gas SS
	16	14/18	\$3,700	5	E85
A-S10, 3.3L, 6cyl	20	19/23	\$2,650	4	Gas
	15	13/19	\$3,950	5	E85
A-S10, 5.0L, 8cyl	20	17/25	\$2,650	4	Gas SS
	15	12/19	\$3,950	4	E85
A-S10, 5.0L, 8cyl	19	17/24	\$2,800	4	Gas
	14	12/18	\$4,200	4	E85

### F150 Pickup 2WD HEV

A-S10, 3.5L, 6cyl	25	25/25	\$2,100	5	T HEV SS
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### Ranger 2WD

A-S10, 2.3L, 4cyl	23	21/26	\$2,300	5	T SS
A-S10, 2.3L, 4cyl	22	20/26	\$2,400	5	T



Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
GMC					
Sierra 2WD					
A-8, 2.7L, 4cyl	20	19/22	\$2,650	4	T CD SS
A-8, 2.7L, 4cyl	20	19/21	\$2,650	4	T CD S-Mode SS
A-10, 3.0L, 6cyl	26	24/29	\$2,950	5	D T SS
A-10, 5.3L, 8cyl	18	16/21	\$2,950	4	CD S-Mode SS
A-10, 5.3L, 8cyl	18	16/21	\$2,950	4	CD SS
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	CD
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	Gas CD
	13	12/15	\$4,550	4	E85

## NISSAN

### Frontier 2WD

A-S9, 3.8L, 6cyl	20	18/24	\$2,650	4	
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### Titan 2WD

A-S9, 5.6L, 8cyl	18	16/21	\$3,650	4	P
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## RAM

### 1500 2WD

A-8, 3.6L, 6cyl	22	20/25	\$2,400	5	MHEV SS
A-8, 5.7L, 8cyl	20	18/23	\$3,050	4	Mid CD MHEV SS

## TOYOTA

### Tundra 2WD

A-S10, 3.4L, 6cyl	20	18/24	\$2,650	4	T SS
A-S10, 3.4L, 6cyl	22	20/24	\$2,400	5	T HEV SS
A-S10, 3.4L, 6cyl	20	18/23	\$2,650	4	T 3-Mode SS

## STANDARD PICKUP TRUCKS 4WD

## CHEVROLET

### Silverado 4WD

A-8, 2.7L, 4cyl	19	18/21	\$2,800	4	T CD S-Mode SS
A-8, 2.7L, 4cyl	19	18/21	\$2,800	4	T CD SS
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	D T SS
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	D T S-Mode SS
A-10, 5.3L, 8cyl	17	16/20	\$3,100	3	CD S-Mode SS
A-10, 5.3L, 8cyl	17	16/20	\$3,100	3	CD SS
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	CD
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas CD
	12	11/14	\$4,900	3	E85
A-10, 6.2L, 8cyl	17	16/20	\$3,850	3	P CD SS

### Silverado 4WD ZR2

A-10, 6.2L, 8cyl	15	14/17	\$4,400	2	P CD SS
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### Silverado Mud Terrain Tires 4WD

A-8, 2.7L, 4cyl	17	17/18	\$3,100	3	T CD SS
A-10, 3.0L, 6cyl	22	21/23	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	16	15/19	\$3,300	3	CD
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas CD
	12	11/14	\$4,900	3	E85
A-10, 5.3L, 8cyl	16	15/18	\$3,300	3	CD SS
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	P CD SS

## FORD

### F150 Pickup 4WD

A-S10, 2.7L, 6cyl	20	18/24	\$2,650	4	T PT4 SS
A-S10, 2.7L, 6cyl	20	17/23	\$2,650	4	T PT4
A-S10, 3.5L, 6cyl	20	18/23	\$2,650	4	T PT4 SS
A-S10, 3.5L, 6cyl	19	17/23	\$2,800	4	T PT4

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
F150 Pickup 4WD FFV					
A-S10, 3.3L, 6cyl	20	19/22	\$2,650	4	Gas PT4 SS
	15	14/18	\$3,950	5	E85
A-S10, 5.0L, 8cyl	19	17/22	\$2,800	4	Gas PT4 SS
	14	12/17	\$4,200	4	E85
A-S10, 5.0L, 8cyl	18	16/22	\$2,950	4	Gas PT4
	14	12/17	\$4,200	4	E85

### F150 Pickup 4WD HEV

A-S10, 3.5L, 6cyl	23	23/23	\$2,300	5	T PT4 HEV SS
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### F150 Pickup Tremor 4WD

A-S10, 3.5L, 6cyl	18	16/20	\$2,950	4	T PT4
A-S10, 3.5L, 6cyl	18	16/20	\$2,950	4	T PT4 SS

### F150 Pickup Tremor 4WD FFV

A-S10, 5.0L, 8cyl	17	15/20	\$3,100	3	Gas PT4 SS
	13	12/16	\$4,550	4	E85
A-S10, 5.0L, 8cyl	17	15/20	\$3,100	3	Gas PT4
	13	11/16	\$4,550	4	E85

### F150 RAPTOR 37 4WD

A-S10, 3.5L, 6cyl	15	15/16	\$3,550	2	T PT4 SS
A-S10, 3.5L, 6cyl	15	14/16	\$3,550	2	T PT4

### F150 RAPTOR 4WD

A-S10, 3.5L, 6cyl	16	15/18	\$3,300	3	T PT4 SS
A-S10, 3.5L, 6cyl	15	14/18	\$3,550	2	T PT4

### F150 RAPTOR R 4WD

A-S10, 5.2L, 8cyl	12	10/15	\$4,400	1	S PT4
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### Ranger 4WD

A-S10, 2.3L, 4cyl	22	20/24	\$2,400	5	T PT4 SS
A-S10, 2.3L, 4cyl	21	19/24	\$2,500	4	T PT4

### Ranger Tremor 4WD

A-S10, 2.3L, 4cyl	19	19/19	\$2,800	4	T PT4 SS
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## GMC

### Sierra 4WD

A-8, 2.7L, 4cyl	19	18/20	\$2,800	4	T CD S-Mode SS
A-8, 2.7L, 4cyl	19	18/20	\$2,800	4	T CD SS
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	D T SS
A-10, 5.3L, 8cyl	17	16/20	\$3,100	3	CD S-Mode SS
A-10, 5.3L, 8cyl	17	16/20	\$3,100	3	CD SS
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	CD
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas CD
	12	11/14	\$4,900	3	E85
A-10, 6.2L, 8cyl	17	15/19	\$3,850	3	P CD SS

### Sierra 4WD AT4X

A-10, 6.2L, 8cyl	15	14/17	\$4,400	2	P CD SS
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### Sierra Mud Terrain Tires 4WD

A-8, 2.7L, 4cyl	17	17/18	\$3,100	3	T CD SS
A-10, 3.0L, 6cyl	22	21/23	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	16	15/19	\$3,300	3	CD
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas CD
	12	11/14	\$4,900	3	E85
A-10, 5.3L, 8cyl	16	15/18	\$3,300	3	CD SS
A-10, 6.2L, 8cyl	15	14/17	\$4,400	2	P CD SS

## HONDA

### Ridgeline AWD

A-S9, 3.5L, 6cyl	21	18/24	\$2,500	4	CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## JEEP

### Gladiator 4WD

A-8, 3.6L, 6cyl	19	17/22	\$2,800	4	SS
M-6, 3.6L, 6cyl	19	16/23	\$2,800	4	SS

### Gladiator EcoDiesel 4WD

A-8, 3.0L, 6cyl	24	22/28	\$3,200	4	D T SS
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### Gladiator Rubic EcoDiesel 4WD

A-8, 3.0L, 6cyl	24	21/27	\$3,200	4	D T SS
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## NISSAN

### Frontier 4WD

A-S9, 3.8L, 6cyl	19	17/22	\$2,800	4	PT4
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### Frontier 4WD PRO4X

A-S9, 3.8L, 6cyl	19	17/22	\$2,800	4	PT4
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### Titan 4WD

A-S9, 5.6L, 8cyl	18	15/21	\$3,650	4	P PT4
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### Titan 4WD PRO4X

A-S9, 5.6L, 8cyl	17	15/20	\$3,850	3	P PT4
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## RAM

### 1500 4WD

A-8, 3.0L, 6cyl	24	21/29	\$3,200	4	D T
A-8, 3.6L, 6cyl	21	19/24	\$2,500	4	MHEV SS
A-8, 5.7L, 8cyl	19	17/22	\$3,200	4	Mid CD MHEV SS

### 1500 TRX 4WD

A-8, 6.2L, 8cyl	12	10/14	\$5,500	1	P S
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## TOYOTA

### Tundra 4WD

A-S10, 3.4L, 6cyl	19	17/23	\$2,800	4	T PT4 SS
A-S10, 3.4L, 6cyl	19	17/22	\$2,800	4	T PT4 3-Mode SS
A-S10, 3.4L, 6cyl	20	19/22	\$2,650	4	T PT4 HEV SS

### Tundra 4WD PRO

A-S10, 3.4L, 6cyl	19	18/20	\$2,800	4	T PT4 HEV SS
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## SPECIAL PURPOSE VEHICLES 2WD

## CADILLAC

### XT5 Hearse FWD

A-S9, 2.0L, 4cyl	21	20/23	\$3,150	4	PRT CD SS
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### XT5 Limo FWD

A-S9, 2.0L, 4cyl	21	20/23	\$3,150	4	PRT CD SS
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## CHEVROLET

### Silverado Cab Chassis 2WD

A-10, 5.3L, 8cyl	16	15/18	\$3,300	3	CD SS
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## GMC

### Sierra Cab Chassis 2WD

A-10, 5.3L, 8cyl	16	15/18	\$3,300	3	CD SS
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## MERCEDES-BENZ

### GLA250

AM-8, 2.0L, 4cyl	28	24/34	\$2,350	6	PRT SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### GLB250

AM-8, 2.0L, 4cyl	27	24/32	\$2,450	5	PRT SS
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### Metris (Cargo Van)

A-9, 2.0L, 4cyl	20	19/23	\$3,300	4	PRT
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### Metris (Cargo Van, LWB)

A-9, 2.0L, 4cyl	20	19/23	\$3,300	4	PRT
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### Metris (Passenger Van)

A-9, 2.0L, 4cyl	19	18/22	\$3,450	4	PRT
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### Metris (US Postal Long)

A-9, 2.0L, 4cyl	21	19/25	\$3,150	4	PRT
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### Metris (US Postal)

A-9, 2.0L, 4cyl	21	19/25	\$3,150	4	PRT
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## SPECIAL PURPOSE VEHICLES 4WD

## CADILLAC

### XT5 Hearse AWD

A-S9, 2.0L, 4cyl	21	20/23	\$3,150	4	PRT CD SS
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### XT5 Limo AWD

A-S9, 2.0L, 4cyl	21	20/23	\$3,150	4	PRT CD SS
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## CHEVROLET

### Silverado Cab Chassis 4WD

A-10, 5.3L, 8cyl	16	15/17	\$3,300	3	CD SS
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## GMC

### Sierra Cab Chassis 4WD

A-10, 5.3L, 8cyl	16	15/17	\$3,300	3	CD SS
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## MINIVANS 2WD

## CHRYSLER

### Pacifica Hybrid

AV, 3.6L, 6cyl	See page 37.				PHEV SS
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## HONDA

### Odyssey

A-S10, 3.5L, 6cyl	22	19/28	\$2,400	5	CD SS
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## KIA

### Carnival

A-S8, 3.5L, 6cyl	22	19/26	\$2,400	5	
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## TOYOTA

### Sienna 2WD

AV-S6, 2.5L, 4cyl	36	36/36	\$1,450	7	HEV SS
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## MINIVANS 4WD

## TOYOTA

### Sienna AWD

AV-S6, 2.5L, 4cyl	35	35/36	\$1,500	7	HEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
	SMALL SPORT UTILITY VEHICLES 2WD				

## ACURA

### MDX FWD

A-S10, 3.5L, 6cyl	22	19/26	\$3,000	5	P CD SS
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### RDX FWD

A-S10, 2.0L, 4cyl	24	22/28	\$2,750	5	P T SS
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### RDX FWD A-SPEC

A-S10, 2.0L, 4cyl	24	22/27	\$2,750	5	P T SS
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## ALFA ROMEO

### Stelvio

A-8, 2.0L, 4cyl	25	22/29	\$2,650	5	P T SS
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## AUDI

### Q4 e-tron

A-1	103	112/94	\$700	10	EV
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## BMW

### X3 sDrive30i

A-S8, 2.0L, 4cyl	25	23/29	\$2,650	5	P T SS
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## BUICK

### Encore GX FWD

AV, 1.2L, 3cyl	30	29/31	\$1,750	6	T SS
AV, 1.3L, 3cyl	30	29/32	\$1,750	6	T SS

### Envision FWD

A-S9, 2.0L, 4cyl	26	23/31	\$2,050	5	T CD SS
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## CADILLAC

### LYRIQ

A-1	89	97/82	\$800	10	EV
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### XT4 FWD

A-S9, 2.0L, 4cyl	26	23/30	\$2,550	5	P R T CD SS
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### XT5 FWD

A-S9, 2.0L, 4cyl	24	22/29	\$2,750	5	P R T CD SS
A-S9, 3.6L, 6cyl	21	19/26	\$2,500	4	CD SS

### XT6 FWD

A-S9, 2.0L, 4cyl	23	21/27	\$2,850	5	P R T CD SS
A-S9, 3.6L, 6cyl	21	19/26	\$2,500	4	CD SS

## CHEVROLET

### Blazer FWD

A-9, 2.0L, 4cyl	25	22/29	\$2,100	5	T CD SS
A-9, 3.6L, 6cyl	22	19/27	\$2,400	5	CD SS

### Equinox FWD

A-6, 1.5L, 4cyl	28	26/31	\$1,900	6	T SS
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### Trailblazer FWD

AV, 1.2L, 3cyl	30	29/31	\$1,750	6	T SS
AV, 1.3L, 3cyl	31	29/33	\$1,700	6	T SS

## GMC

### Terrain FWD

A-9, 1.5L, 4cyl	26	24/29	\$2,050	5	T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## HONDA

### CR-V FWD

AV, 1.5L, 4cyl	30	28/34	\$1,750	6	T SS
AV, 2.0L, 4cyl	40	43/36	\$1,300	7	HEV SS

## HYUNDAI

### Kona Electric

A-1	120	134/106	\$600	10	EV
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### Kona FWD

AM-S7, 1.6L, 4cyl	32	29/35	\$1,650	6	T SS
AV-S1, 2.0L, 4cyl	32	30/35	\$1,650	6	SS

### Kona N

AM-S8, 2.0L, 4cyl	23	20/27	\$2,850	5	P T
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### Palisade FWD

A-S8, 3.8L, 6cyl	22	19/27	\$2,400	5	
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### Santa Cruz FWD

A-S8, 2.5L, 4cyl	23	22/26	\$2,300	5	
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### Santa Fe FWD

A-S8, 2.5L, 4cyl	26	25/28	\$2,050	5	SS
AM-S8, 2.5L, 4cyl	25	22/28	\$2,100	5	T SS

## INFINITI

### QX50

AV-S8, 2.0L, 4cyl	26	23/29	\$2,550	5	P R T
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## KIA

### Seltos FWD

AV-S8, 2.0L, 4cyl	31	29/35	\$1,700	6	SS
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### Sorento FWD

A-S8, 2.5L, 4cyl	26	24/29	\$2,050	5	SS
AM-S8, 2.5L, 4cyl	25	22/29	\$2,100	5	T SS

### Sorento Hybrid FWD

AM-S6, 1.6L, 4cyl	37	39/35	\$1,450	7	T HEV SS
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### Sportage FWD

A-S8, 2.5L, 4cyl	28	25/32	\$1,900	6	SS
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### Telluride FWD

A-S8, 3.8L, 6cyl	23	20/26	\$2,300	5	SS
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## LEXUS

### NX 250

A-S8, 2.5L, 4cyl	28	26/33	\$1,900	6	SS
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### RX 350

A-S8, 2.4L, 4cyl	25	22/29	\$2,650	5	P R T SS
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## MITSUBISHI

### Eclipse Cross 2WD

AV-S8, 1.5L, 4cyl	26	25/28	\$2,050	5	T
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### Eclipse Cross ES 2WD

AV-S8, 1.5L, 4cyl	27	26/29	\$1,950	5	T
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### Outlander 2WD

AV-S8, 2.5L, 4cyl	27	24/31	\$1,950	5	
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### Outlander Sport 2WD

AV-S6, 2.0L, 4cyl	27	24/30	\$1,950	5	
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## NISSAN

### Pathfinder 2WD

A-S9, 3.5L, 6cyl	23	20/27	\$2,300	5	SS
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### Rogue FWD

AV-S8, 1.5L, 3cyl	33	30/37	\$1,600	6	T
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### Rogue FWD SL/Platinum

AV-S8, 1.5L, 3cyl	32	29/36	\$1,650	6	T
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## TOYOTA

### bZ4X

A-1	119	131/107	\$600	10	EV
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### bZ4X LIMITED

A-1	114	125/103	\$650	10	EV
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### Highlander

A-S8, 2.4L, 4cyl	25	22/29	\$2,100	5	T SS
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A-S8, 2.4L, 4cyl	24	21/28	\$2,200	5	T
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### Highlander Hybrid

AV-S6, 2.5L, 4cyl	36	36/35	\$1,450	7	HEV SS
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### RAV4

A-S8, 2.5L, 4cyl	30	27/35	\$1,750	6	
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A-S8, 2.5L, 4cyl	30	27/34	\$1,750	6	SS
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## VOLKSWAGEN

### Atlas

A-S8, 2.0L, 4cyl	23	21/25	\$2,300	5	T SS
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A-S8, 3.6L, 6cyl	20	18/24	\$2,650	4	SS
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### Atlas Cross Sport

A-S8, 2.0L, 4cyl	23	21/25	\$2,300	5	T SS
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A-S8, 3.6L, 6cyl	20	18/24	\$2,650	4	SS
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### ID.4

A-1	107	115/99	\$650	10	EV
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### ID.4 Pro

A-1	107	115/98	\$650	10	EV
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### ID.4 Pro S

A-1	107	115/98	\$650	10	EV
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### ID.4 S

A-1	107	115/99	\$650	10	EV
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### Taos

A-S8, 1.5L, 4cyl	31	28/36	\$1,700	6	T SS
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### Tiguan

A-S8, 2.0L, 4cyl	26	23/30	\$2,050	5	T SS
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### Tiguan S

A-S8, 2.0L, 4cyl	27	24/31	\$1,950	5	T SS
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## VOLVO

### XC40 B4

A-S8, 2.0L, 4cyl	27	24/32	\$2,450	5	PR T MHEV SS
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### XC60 B5

A-S8, 2.0L, 4cyl	26	23/30	\$2,550	5	PR T MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## SMALL SPORT UTILITY VEHICLES 4WD

## ACURA

### MDX AWD

A-S10, 3.5L, 6cyl	21	19/25	\$3,150	4	P CD SS
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### RDX AWD

A-S10, 2.0L, 4cyl	23	21/27	\$2,850	5	P T SS
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### RDX AWD A-SPEC

A-S10, 2.0L, 4cyl	23	21/26	\$2,850	5	P T SS
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## ALFA ROMEO

### Stelvio AWD

A-8, 2.0L, 4cyl	24	22/28	\$2,750	5	P T SS
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A-8, 2.9L, 6cyl	19	17/23	\$3,450	4	P T CD SS
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## AUDI

### Q3 S-Line

A-S8, 2.0L, 4cyl	24	21/28	\$2,200	5	T SS
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### Q5 quattro

AM-S7, 2.0L, 4cyl	25	23/29	\$2,650	5	P T MHEV SS
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### Q5 S-Line quattro

AM-S7, 2.0L, 4cyl	25	22/29	\$2,650	5	P T MHEV SS
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### Q5 Sportback S-line quattro

AM-S7, 2.0L, 4cyl	25	22/29	\$2,650	5	P T MHEV SS
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### SQ5

A-S8, 3.0L, 6cyl	21	19/24	\$3,150	4	P T SS
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### SQ5 Sportback

A-S8, 3.0L, 6cyl	21	19/24	\$3,150	4	P T SS
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## BMW

### X1 xDrive28i

AM-S7, 2.0L, 4cyl	28	25/34	\$2,350	6	P T SS
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### X3 M

A-S8, 3.0L, 6cyl	17	15/20	\$3,850	3	P T SS
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### X3 M Competition

A-S8, 3.0L, 6cyl	17	15/20	\$3,850	3	P T SS
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### X3 M40i

A-S8, 3.0L, 6cyl	23	21/26	\$2,850	5	P T MHEV SS
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### X3 xDrive30i

A-S8, 2.0L, 4cyl	24	21/28	\$2,750	5	P T SS
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### X4 M

A-S8, 3.0L, 6cyl	17	15/20	\$3,850	3	P T SS
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### X4 M Competition

A-S8, 3.0L, 6cyl	17	15/20	\$3,850	3	P T SS
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### X4 M40i

A-S8, 3.0L, 6cyl	23	21/26	\$2,850	5	P T MHEV SS
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### X4 xDrive30i

A-S8, 2.0L, 4cyl	24	21/28	\$2,750	5	P T SS
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## BUICK

### Encore GX AWD

A-9, 1.3L, 3cyl	27	26/29	\$1,950	5	T SS
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### Envision AWD

A-S9, 2.0L, 4cyl	25	22/29	\$2,100	5	T CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## CADILLAC

### XT4 AWD

A-S9, 2.0L, 4cyl	24	22/29	\$2,750	5	PRT CD SS
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### XT5 AWD

A-S9, 2.0L, 4cyl	23	21/27	\$2,850	5	PRT CD SS
A-S9, 3.6L, 6cyl	21	18/25	\$2,500	4	CD SS

### XT6 AWD

A-S9, 2.0L, 4cyl	23	21/26	\$2,850	5	PRT CD SS
A-S9, 3.6L, 6cyl	21	18/25	\$2,500	4	CD SS

## CHEVROLET

### Blazer AWD

A-9, 2.0L, 4cyl	24	22/27	\$2,200	5	T CD SS
A-9, 3.6L, 6cyl	21	19/26	\$2,500	4	CD SS

### Equinox AWD

A-6, 1.5L, 4cyl	26	24/30	\$2,050	5	T SS
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### Trailblazer AWD

A-9, 1.3L, 3cyl	28	26/30	\$1,900	6	T SS
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## FORD

### Bronco 4WD

A-S10, 2.3L, 4cyl	20	20/21	\$2,650	4	T PT4 SS
M-7, 2.3L, 4cyl	20	20/21	\$2,650	4	T PT4 SS
A-S10, 2.7L, 6cyl	20	19/21	\$2,650	4	T PT4 SS

### Bronco Badlands 4WD

A-S10, 2.3L, 4cyl	17	17/17	\$3,100	3	T PT4 SS
M-7, 2.3L, 4cyl	17	16/17	\$3,100	3	T PT4 SS
A-S10, 2.7L, 6cyl	17	17/17	\$3,100	3	T PT4 SS

### Bronco Black Diamond 4WD

A-S10, 2.3L, 4cyl	18	18/18	\$2,950	4	T PT4 SS
M-7, 2.3L, 4cyl	17	16/18	\$3,100	3	T PT4 SS
A-S10, 2.7L, 6cyl	18	18/18	\$2,950	4	T PT4 SS

### Bronco Sasquatch 4WD

A-S10, 2.3L, 4cyl	18	18/17	\$2,950	4	T PT4 SS
M-7, 2.3L, 4cyl	17	16/18	\$3,100	3	T PT4 SS
A-S10, 2.7L, 6cyl	17	17/17	\$3,100	3	T PT4 SS

## GENESIS

### GV70 AWD

A-S8, 2.5L, 4cyl	24	22/28	\$2,750	5	P T SS
A-S8, 2.5L, 4cyl	22	19/26	\$3,000	5	P T S-Plus SS
A-S8, 3.5L, 6cyl	21	19/24	\$3,150	4	P T SS

## GMC

### Terrain AWD

A-9, 1.5L, 4cyl	26	24/28	\$2,050	5	T SS
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## HONDA

### CR-V AWD

AV, 1.5L, 4cyl	29	27/32	\$1,850	6	T SS
AV, 2.0L, 4cyl	37	40/34	\$1,450	7	HEV SS

### Passport AWD

A-S9, 3.5L, 6cyl	21	19/24	\$2,500	4	CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## HYUNDAI

### Kona AWD

AM-S7, 1.6L, 4cyl	29	27/32	\$1,850	6	T SS
AV-S1, 2.0L, 4cyl	30	28/33	\$1,750	6	SS

### Palisade AWD

A-S8, 3.8L, 6cyl	21	19/25	\$2,500	4	
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### Santa Cruz AWD

A-S8, 2.5L, 4cyl	23	21/25	\$2,300	5	
AM-S8, 2.5L, 4cyl	22	19/27	\$2,400	5	T

### Santa Fe AWD

A-S8, 2.5L, 4cyl	24	22/25	\$2,200	5	SS
AM-S8, 2.5L, 4cyl	24	21/28	\$2,200	5	T SS

### Santa Fe Hybrid

AM-S6, 1.6L, 4cyl	32	33/30	\$1,650	6	T HEV SS
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### Santa Fe Hybrid Blue

AM-S6, 1.6L, 4cyl	34	36/31	\$1,550	7	T HEV SS
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### Santa Fe Plug-in Hybrid

AM-S6, 1.6L, 4cyl	See page 37.				T PHEV SS
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### Tucson AWD

A-S8, 2.5L, 4cyl	25	23/28	\$2,100	5	
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### Tucson Hybrid

AM-S6, 1.6L, 4cyl	37	37/36	\$1,450	7	T HEV SS
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### Tucson Hybrid Blue

AM-S6, 1.6L, 4cyl	38	38/38	\$1,400	7	T HEV SS
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### Tucson Plug-in Hybrid

AM-S6, 1.6L, 4cyl	See page 37.				T PHEV SS
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## INFINITI

### QX50 AWD

AV-S8, 2.0L, 4cyl	25	22/28	\$2,650	5	PRT
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### QX55 AWD

AV-S8, 2.0L, 4cyl	25	22/28	\$2,650	5	PRT
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## JAGUAR

### E-Pace

A-S9, 2.0L, 4cyl	23	20/26	\$2,850	5	P T SS
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### F-Pace

A-S8, 2.0L, 4cyl	24	22/27	\$2,750	5	P T SS
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### F-Pace P340 MHEV

A-S8, 3.0L, 6cyl	22	20/27	\$3,000	5	P MHEV SS
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### F-Pace P400 MHEV

A-S8, 3.0L, 6cyl	22	19/26	\$3,000	5	P MHEV SS
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### F-Pace SVR

A-S8, 5.0L, 8cyl	17	15/21	\$3,850	3	P S SS
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### I-Pace EV400 (20 inch tires)

A-1	85	89/82	\$850	10	EV
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### I-Pace EV400 (22 inch tires)

A-1	76	79/72	\$950	10	EV
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## JEEP

### Renegade 4WD

A-9, 1.3L, 4cyl	26	23/29	\$2,050	5	T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Renegade Trailhawk 4WD

A-9, 1.3L, 4cyl	24	22/27	\$2,200	5	T SS
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### Wrangler 2dr 4WD

A-8, 2.0L, 4cyl	23	22/24	\$2,300	5	T SS
A-8, 3.6L, 6cyl	21	20/24	\$2,500	4	MHEV SS
A-8, 3.6L, 6cyl	20	18/23	\$2,650	4	SS
M-6, 3.6L, 6cyl	20	17/25	\$2,650	4	SS

### Wrangler 4dr 4WD

A-8, 2.0L, 4cyl	22	21/24	\$2,400	5	T SS
A-8, 3.6L, 6cyl	21	19/24	\$2,500	4	MHEV SS
A-8, 3.6L, 6cyl	20	18/23	\$2,650	4	SS
M-6, 3.6L, 6cyl	19	17/23	\$2,800	4	SS
A-8, 6.4L, 8cyl	14	13/17	\$4,700	2	P CD

### Wrangler 4dr 4xe

A-8, 2.0L, 4cyl	See page 37.				T PHEV SS
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### Wrangler 4dr EcoDiesel 4WD

A-8, 3.0L, 6cyl	25	22/29	\$3,100	5	D T SS
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### Wrangler Rubic 4dr EcoDiesel 4WD

A-8, 3.0L, 6cyl	23	21/26	\$3,350	4	D T SS
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## KIA

### Seltos AWD

AM-S7, 1.6L, 4cyl	27	25/30	\$1,950	5	T SS
AV-S8, 2.0L, 4cyl	29	27/31	\$1,850	6	SS

### Sorento AWD

A-S8, 2.5L, 4cyl	24	23/25	\$2,200	5	SS
AM-S8, 2.5L, 4cyl	24	22/27	\$2,200	5	T SS

### Sorento Hybrid AWD

AM-S6, 1.6L, 4cyl	34	36/33	\$1,550	7	T HEV SS
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### Sportage AWD

A-S8, 2.5L, 4cyl	25	23/28	\$2,100	5	SS
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### Sportage Hybrid AWD

AM-S6, 1.6L, 4cyl	38	38/38	\$1,400	7	T HEV SS
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### Sportage Hybrid FWD

AM-S6, 1.6L, 4cyl	43	42/44	\$1,250	8	T HEV SS
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### Telluride AWD

A-S8, 3.8L, 6cyl	21	18/24	\$2,500	4	SS
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## LAND ROVER

### Discovery Sport

A-S9, 2.0L, 4cyl	20	19/23	\$3,300	4	P T SS
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### Range Rover Evoque

A-S9, 2.0L, 4cyl	22	20/27	\$3,000	5	P T SS
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### Range Rover Evoque MHEV

A-S9, 2.0L, 4cyl	23	21/26	\$2,850	5	P T MHEV SS
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### Range Rover Velar

A-S8, 2.0L, 4cyl	23	20/26	\$2,850	5	P T SS
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### Range Rover Velar P340 MHEV

A-S8, 3.0L, 6cyl	22	20/26	\$3,000	5	P MHEV SS
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### Range Rover Velar P400 MHEV

A-S8, 3.0L, 6cyl	21	19/25	\$3,150	4	P MHEV SS
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## LEXUS

### NX 250 AWD

A-S8, 2.5L, 4cyl	28	25/32	\$1,900	6	SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### NX 350 AWD

A-S8, 2.4L, 4cyl	25	22/29	\$2,650	5	P R T SS
A-S8, 2.4L, 4cyl	25	22/28	\$2,650	5	P R T F Sport SS

### NX 350h AWD

AV-S6, 2.5L, 4cyl	39	41/37	\$1,700	7	P HEV SS
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### NX 450h Plus AWD

AV-S6, 2.5L, 4cyl	See page 37.				P PHEV SS
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### RX 350 AWD

A-S8, 2.4L, 4cyl	24	21/28	\$2,750	5	P R T SS
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## MASERATI

### Grecale GT

A-8, 2.0L, 4cyl	25	22/29	\$2,650	5	P T MHEV SS
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### Grecale Modena

A-8, 2.0L, 4cyl	25	22/29	\$2,650	5	P T MHEV SS
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### Grecale Trofeo

A-8, 3.0L, 6cyl	20	18/25	\$3,300	4	P R T CD SS
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## MAZDA

### CX-30 4WD

A-S6, 2.5L, 4cyl	29	26/33	\$1,850	6	CD
A-S6, 2.5L, 4cyl	25	22/30	\$2,100	5	T

### CX-5 4WD

A-S6, 2.5L, 4cyl	26	24/30	\$2,050	5	CD
A-S6, 2.5L, 4cyl	24	22/27	\$2,200	5	T

### CX-50 4WD

A-S6, 2.5L, 4cyl	27	24/30	\$1,950	5	CD
A-S6, 2.5L, 4cyl	25	23/29	\$2,100	5	T SS

### CX-9 4WD

A-S6, 2.5L, 4cyl	23	20/26	\$2,300	5	T
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## MERCEDES-BENZ

### AMG GLC43 4matic Coupe

A-9, 3.0L, 6cyl	20	17/24	\$3,300	4	P R T SS
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### GLA250 4matic

AM-8, 2.0L, 4cyl	26	23/32	\$2,550	5	P R T SS
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### GLB250 4matic

AM-8, 2.0L, 4cyl	25	22/30	\$2,650	5	P R T SS
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### GLC300 4matic Coupe

A-9, 2.0L, 4cyl	22	20/26	\$3,000	5	P R T SS
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### GLE350

A-9, 2.0L, 4cyl	22	20/25	\$3,000	5	P R T SS
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### GLE350 4matic

A-9, 2.0L, 4cyl	21	20/24	\$3,150	4	P R T SS
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## MITSUBISHI

### Eclipse Cross 4WD

AV-S8, 1.5L, 4cyl	25	25/26	\$2,100	5	T
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### Eclipse Cross ES 4WD

AV-S8, 1.5L, 4cyl	26	25/28	\$2,050	5	T
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### Outlander 4WD

AV-S8, 2.5L, 4cyl	26	24/30	\$2,050	5	
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### Outlander Sport 4WD

AV-S6, 2.0L, 4cyl	26	23/29	\$2,050	5	
AV-S6, 2.4L, 4cyl	25	23/28	\$2,100	5	

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## NISSAN

### Pathfinder 4WD

A-S9, 3.5L, 6cyl	23	21/27	\$2,300	5	SS
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### Pathfinder 4WD Rock Creek

A-S9, 3.5L, 6cyl	21	20/23	\$3,150	4	P SS
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### Pathfinder 4WD SL/Platinum

A-S9, 3.5L, 6cyl	22	20/25	\$2,400	5	SS
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### Rogue AWD

AV-S8, 1.5L, 3cyl	31	28/35	\$1,700	6	T
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### Rogue AWD SL/Platinum

AV-S8, 1.5L, 3cyl	31	28/34	\$1,700	6	T
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## PORSCHE

### Macan

AM-S7, 2.0L, 4cyl	21	19/25	\$3,150	4	P R T SS
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### Macan GTS

AM-S7, 2.9L, 6cyl	19	17/22	\$3,450	4	P R T SS
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### Macan S

AM-S7, 2.9L, 6cyl	19	17/23	\$3,450	4	P R T SS
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### Macan T

AM-S7, 2.0L, 4cyl	21	19/25	\$3,150	4	P R T SS
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## SUBARU

### Crosstrek AWD

AV-S8, 2.0L, 4cyl	30	28/33	\$1,750	6	SS
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M-6, 2.0L, 4cyl	25	22/29	\$2,100	5	
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AV-S8, 2.5L, 4cyl	29	27/34	\$1,850	6	SS
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### Forester AWD

AV-S7, 2.5L, 4cyl	29	26/33	\$1,850	6	SS
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### Forester Wilderness AWD

AV-S8, 2.5L, 4cyl	26	25/28	\$2,050	5	SS
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### Outback AWD

AV-S8, 2.4L, 4cyl	25	22/29	\$2,100	5	T SS
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AV-S8, 2.5L, 4cyl	28	26/32	\$1,900	6	SS
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### Outback Wilderness AWD

AV-S8, 2.4L, 4cyl	23	21/26	\$2,300	5	T SS
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### Solterra AWD

A-1	104	114/94	\$650	10	EV
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### Solterra Limited/Touring AWD

A-1	102	111/93	\$650	10	EV
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## TESLA

### Model Y AWD

►A-1	123	129/116	\$600	10	EV
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### Model Y Long Range AWD

A-1	122	127/117	\$600	10	EV
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### Model Y Performance AWD

A-1	111	115/106	\$650	10	EV
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## TOYOTA

### bZ4X AWD

A-1	104	114/94	\$650	10	EV
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### bZ4X LIMITED AWD

A-1	102	112/92	\$700	10	EV
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### Highlander AWD

A-S8, 2.4L, 4cyl	24	21/28	\$2,200	5	T SS
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### RAV4 AWD

A-S8, 2.5L, 4cyl	29	27/33	\$1,850	6	SS
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A-S8, 2.5L, 4cyl	28	25/33	\$1,900	6	
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### RAV4 AWD LE

A-S8, 2.5L, 4cyl	30	27/34	\$1,750	6	SS
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### RAV4 AWD TRD OFFROAD

A-S8, 2.5L, 4cyl	28	25/32	\$1,900	6	
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### RAV4 Hybrid AWD

AV-S6, 2.5L, 4cyl	40	41/38	\$1,300	7	HEV SS
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### RAV4 Hybrid AWD Woodland Edition

AV-S6, 2.5L, 4cyl	37	38/35	\$1,450	7	HEV SS
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### Venza AWD

AV-S6, 2.5L, 4cyl	39	40/37	\$1,350	7	HEV SS
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## VOLKSWAGEN

### Atlas 4motion

A-S8, 2.0L, 4cyl	22	20/24	\$2,400	5	T SS
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A-S8, 3.6L, 6cyl	20	18/23	\$2,650	4	SS
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### Atlas Cross Sport 4motion

A-S8, 2.0L, 4cyl	22	20/24	\$2,400	5	T SS
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A-S8, 3.6L, 6cyl	20	18/24	\$2,650	4	SS
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### ID.4 AWD Pro

A-1	99	104/93	\$700	10	EV
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### ID.4 AWD Pro S

A-1	99	104/93	\$700	10	EV
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### Taos 4motion

AM-S7, 1.5L, 4cyl	28	25/32	\$1,900	6	T SS
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### Tiguan 4motion

A-S8, 2.0L, 4cyl	25	22/29	\$2,100	5	T SS
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### Tiguan R-Line 4motion

A-S8, 2.0L, 4cyl	24	21/28	\$2,200	5	T SS
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## VOLVO

### C40 Recharge twin

A-1	87	94/80	\$800	10	EV
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### XC40 B5 AWD

A-S8, 2.0L, 4cyl	26	23/30	\$2,550	5	P R T MHEV SS
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### XC40 Recharge twin

A-1	85	92/79	\$850	10	EV
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### XC60 B5 AWD

A-S8, 2.0L, 4cyl	25	23/29	\$2,650	5	P R T MHEV SS
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### XC60 B6 AWD

A-S8, 2.0L, 4cyl	23	21/27	\$2,850	5	P R T S MHEV SS
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## STANDARD SPORT UTILITY VEHICLES 2WD

## BMW

### X5 sDrive40i

A-S8, 3.0L, 6cyl	23	21/26	\$2,850	5	P T MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## BUICK

### Enclave FWD

A-9, 3.6L, 6cyl	21	18/26	\$2,500	4	SS
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## CADILLAC

### Escalade 2WD

A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	D T SS
A-10, 6.2L, 8cyl	16	14/19	\$4,100	3	PR CD SS

## CHEVROLET

### Suburban 2WD

A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 6.2L, 8cyl	16	14/20	\$4,100	3	PR CD SS

### Tahoe 2WD

A-10, 3.0L, 6cyl	24	21/28	\$3,200	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 6.2L, 8cyl	16	14/20	\$4,100	3	PR CD SS

### Traverse FWD

A-9, 3.6L, 6cyl	21	18/27	\$2,500	4	SS
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## DODGE

### Durango RWD

A-8, 3.6L, 6cyl	21	19/26	\$2,500	4	SS
A-8, 5.7L, 8cyl	17	14/22	\$3,550	3	Mid CD

## GMC

### Acadia FWD

A-9, 2.0L, 4cyl	25	22/29	\$2,100	5	T CD SS
A-9, 3.6L, 6cyl	22	19/27	\$2,400	5	CD SS

### Yukon 2WD

A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 6.2L, 8cyl	16	14/20	\$4,100	3	PR CD SS

### Yukon XL 2WD

A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 6.2L, 8cyl	16	14/19	\$4,100	3	PR CD SS

## INFINITI

### QX60 FWD

A-S9, 3.5L, 6cyl	23	21/26	\$2,850	5	P SS
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### QX80 2WD

A-S7, 5.6L, 8cyl	16	14/20	\$4,100	3	P
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## JEEP

### Grand Cherokee L 2WD

A-8, 3.6L, 6cyl	21	19/26	\$2,500	4	SS
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### Wagoneer 2WD

A-8, 3.0L, 6cyl	20	17/24	\$2,650	4	T SS
A-8, 5.7L, 8cyl	18	16/22	\$3,400	4	Mid CD MHEV SS

### Wagoneer L 2WD

A-8, 3.0L, 6cyl	20	17/24	\$2,650	4	T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## LINCOLN

### Aviator RWD

A-S10, 3.0L, 6cyl	21	18/26	\$2,500	4	T
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## MERCEDES-BENZ

### EQS 450 Plus (SUV)

A-1	85	87/83	\$800	10	EV SS
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## NISSAN

### Armada 2WD

A-S7, 5.6L, 8cyl	16	14/19	\$4,100	3	P
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## TOYOTA

### 4Runner 2WD

A-S5, 4.0L, 6cyl	17	16/19	\$3,100	3	
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### Sequoia 2WD

A-S10, 3.4L, 6cyl	22	21/24	\$2,400	5	T HEV SS
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## STANDARD SPORT UTILITY VEHICLES 4WD

## ACURA

### MDX AWD Type-S

A-S10, 3.0L, 6cyl	19	17/21	\$3,450	4	P T CD SS
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## ASTON MARTIN

### DBX 707

A-9, 4.0L, 8cyl	17	15/20	\$3,850	3	P T CD
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### DBX V8

A-9, 4.0L, 8cyl	16	14/20	\$4,100	3	P T CD
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## AUDI

### e-tron quattro

A-2	79	78/79	\$900	10	EV
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### e-tron S (20 inch wheels)

A-1	73	72/75	\$950	10	EV
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### e-tron S Sportback (20 inch wheels)

A-1	75	73/78	\$950	10	EV
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### e-tron Sportback quattro

A-2	78	77/80	\$900	10	EV
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### Q4 e-tron quattro

A-1	93	97/87	\$750	10	EV
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### Q4 e-tron Sportback

A-1	95	100/89	\$750	10	EV
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### Q7

A-S8, 2.0L, 4cyl	21	19/25	\$3,150	4	P T SS
A-S8, 3.0L, 6cyl	20	18/22	\$3,300	4	P T MHEV SS

### Q8

A-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P T MHEV SS
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### RS Q8

A-S8, 4.0L, 8cyl	16	13/20	\$4,100	3	P T CD MHEV SS
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### SQ7

A-S8, 4.0L, 8cyl	17	14/20	\$3,850	3	P T CD SS
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### SQ8

A-S8, 4.0L, 8cyl	17	14/20	\$3,850	3	P T CD SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## BENTLEY

### Bentayga

A-S8, 4.0L, 8cyl	17	14/21	\$3,850	3	P T CD SS
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### Bentayga EWB

A-S8, 4.0L, 8cyl	17	14/21	\$3,850	3	P T CD SS
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### Bentayga Speed

A-S8, 6.0L, 12cyl	14	12/19	\$4,700	2	P T CD SS
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## BMW

### Alpina XB7

A-S8, 4.4L, 8cyl	17	16/20	\$3,850	3	P T MHEV SS
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### iX M60 (21 inch wheels)

A-1	77	76/80	\$900	10	EV
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### iX M60 (22 inch wheels)

A-1	78	77/80	\$900	10	EV
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### iX xDrive50 (20 inch wheels)

A-1	86	86/87	\$800	10	EV
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### iX xDrive50 (21 inch wheels)

A-1	83	82/84	\$850	10	EV
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### iX xDrive50 (22 inch wheels)

A-1	86	86/85	\$800	10	EV
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### X5 M

A-S8, 4.4L, 8cyl	15	13/18	\$4,400	2	P T SS
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### X5 M Competition

A-S8, 4.4L, 8cyl	15	13/18	\$4,400	2	P T SS
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### X5 M50i

A-S8, 4.4L, 8cyl	18	16/22	\$3,650	4	P T SS
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### X5 xDrive40i

A-S8, 3.0L, 6cyl	23	21/25	\$2,850	5	P T MHEV SS
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### X5 xDrive45e

A-S8, 3.0L, 6cyl	See page 37.				P T PHEV SS
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### X6 M

A-S8, 4.4L, 8cyl	15	13/18	\$4,400	2	P T SS
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### X6 M Competition

A-S8, 4.4L, 8cyl	15	13/18	\$4,400	2	P T SS
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### X6 M50i

A-S8, 4.4L, 8cyl	18	16/22	\$3,650	4	P T SS
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### X6 xDrive40i

A-S8, 3.0L, 6cyl	23	21/25	\$2,850	5	P T MHEV SS
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### X7 M60i xDrive

A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T MHEV SS
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### X7 xDrive40i

A-S8, 3.0L, 6cyl	22	21/25	\$3,000	5	P T MHEV SS
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## BUICK

### Enclave AWD

A-9, 3.6L, 6cyl	20	17/25	\$2,650	4	SS
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## CADILLAC

### Escalade 4WD

A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	D T SS
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	PR CD SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Escalade V 4WD

A-S10, 6.2L, 8cyl	13	11/16	\$5,050	1	PR S
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## CHEVROLET

### Suburban 4WD

A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	16	15/19	\$3,300	3	CD SS
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	PR CD SS

### Tahoe 4WD

A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 5.3L, 8cyl	16	14/18	\$3,300	3	CD
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	PR CD SS

### Traverse AWD

A-9, 3.6L, 6cyl	20	17/25	\$2,650	4	SS
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## DODGE

### Durango AWD

A-8, 3.6L, 6cyl	21	18/25	\$2,500	4	SS
A-8, 5.7L, 8cyl	17	14/22	\$3,550	3	Mid CD

### Durango SRT AWD

A-8, 6.2L, 8cyl	13	12/17	\$5,050	1	P S
A-8, 6.4L, 8cyl	15	13/19	\$4,400	2	P CD

## FORD

### Bronco Raptor 4WD

A-S10, 3.0L, 6cyl	15	15/16	\$3,550	2	T PT4 SS
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## GENESIS

### GV80 AWD

A-S8, 2.5L, 4cyl	22	20/24	\$3,000	5	P T SS
A-S8, 3.5L, 6cyl	20	18/23	\$3,300	4	P T SS

## GMC

### Acadia AWD

A-9, 2.0L, 4cyl	24	22/27	\$2,200	5	T CD SS
A-9, 3.6L, 6cyl	21	19/26	\$2,500	4	CD SS

### Yukon 4WD

A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	17	15/20	\$3,100	3	CD SS
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	PR CD SS

### Yukon XL 4WD

A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	D T SS
A-10, 5.3L, 8cyl	16	15/19	\$3,300	3	CD SS
A-10, 6.2L, 8cyl	16	14/18	\$4,100	3	PR CD SS

## INFINITI

### QX60 AWD

A-S9, 3.5L, 6cyl	22	20/25	\$3,000	5	P SS
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### QX80 4WD

A-S7, 5.6L, 8cyl	15	13/19	\$4,400	2	P
A-S7, 5.6L, 8cyl	15	13/19	\$4,400	2	P MDPV

## JEEP

### Grand Cherokee 4WD

A-8, 5.7L, 8cyl	17	14/22	\$3,550	3	Mid CD
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Grand Cherokee 4xe					
A-8, 2.0L, 4cyl	See page 37.			T PHEV SS	
Grand Cherokee L 4WD					
A-8, 3.6L, 6cyl	21	18/25	\$2,500	4	SS
A-8, 5.7L, 8cyl	17	14/22	\$3,550	3	Mid CD
Grand Wagoneer 4WD					
A-8, 3.0L, 6cyl	17	14/20	\$3,850	3	P T SS
A-8, 6.4L, 8cyl	15	13/18	\$4,400	2	P CD
Grand Wagoneer L 4WD					
A-8, 3.0L, 6cyl	16	14/19	\$4,100	3	P T SS
Wagoneer 4WD					
A-8, 3.0L, 6cyl	19	16/23	\$2,800	4	T SS
A-8, 5.7L, 8cyl	17	15/20	\$3,550	3	Mid CD MHEV SS
Wagoneer L 4WD					
A-8, 3.0L, 6cyl	19	16/23	\$2,800	4	T SS
LAMBORGHINI					
Urus S					
A-S8, 4.0L, 8cyl	16	14/19	\$4,100	3	P T CD SS
LAND ROVER					
Defender 110					
A-S8, 2.0L, 4cyl	18	17/20	\$3,650	4	P T SS
A-S8, 5.0L, 8cyl	16	14/19	\$4,100	3	P S SS
Defender 110 MHEV					
A-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P MHEV SS
Defender 130 P300 MHEV					
A-S8, 3.0L, 6cyl	19	17/21	\$3,450	4	P MHEV SS
Defender 130 P400 MHEV					
A-S8, 3.0L, 6cyl	19	17/21	\$3,450	4	P MHEV SS
Defender 90					
A-S8, 2.0L, 4cyl	19	18/21	\$3,450	4	P T SS
A-S8, 5.0L, 8cyl	16	15/19	\$4,100	3	P S SS
Defender 90 MHEV					
A-S8, 3.0L, 6cyl	20	18/23	\$3,300	4	P MHEV SS
Discovery					
A-S8, 2.0L, 4cyl	21	19/22	\$3,150	4	P T SS
Discovery MHEV					
A-S8, 3.0L, 6cyl	22	19/25	\$3,000	5	P MHEV SS
New Range Rover					
A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T SS
A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T SV SS
New Range Rover LWB					
A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T SS
A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T SV SS
New Range Rover P360 LWB MHEV					
A-S8, 3.0L, 6cyl	21	18/26	\$3,150	4	P MHEV SS
New Range Rover P360 MHEV					
A-S8, 3.0L, 6cyl	21	18/26	\$3,150	4	P MHEV SS
New Range Rover P400 LWB MHEV					
A-S8, 3.0L, 6cyl	21	18/26	\$3,150	4	P MHEV SS
New Range Rover P400 MHEV					
A-S8, 3.0L, 6cyl	21	18/26	\$3,150	4	P MHEV SS
New Range Rover Sport					
A-S8, 4.4L, 8cyl	18	16/21	\$3,650	4	P T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
New Range Rover Sport P360 MHEV					
A-S8, 3.0L, 6cyl	22	19/26	\$3,000	5	P MHEV SS
New Range Rover Sport P400 MHEV					
A-S8, 3.0L, 6cyl	21	18/26	\$3,150	4	P MHEV SS
LEXUS					
GX 460					
A-S6, 4.6L, 8cyl	16	15/19	\$4,100	3	PR
LX 600					
A-S10, 3.4L, 6cyl	19	17/22	\$3,450	4	PR T SS
LINCOLN					
Aviator AWD					
A-S10, 3.0L, 6cyl	20	17/24	\$2,650	4	T PT4 SS
Aviator PHEV AWD					
A-S10, 3.0L, 6cyl	See page 37.			T PT4 PHEV SS	
MASERATI					
Levante GT					
A-8, 3.0L, 6cyl	18	16/22	\$3,650	4	PR T SS
Levante Modena					
A-8, 3.0L, 6cyl	18	16/22	\$3,650	4	PR T SS
Levante Modena V8					
A-8, 3.8L, 8cyl	16	13/20	\$4,100	3	PR T SS
Levante Trofeo					
A-8, 3.8L, 8cyl	16	13/20	\$4,100	3	PR T SS
MERCEDES-BENZ					
AMG GLE53 4matic Plus					
A-9, 3.0L, 6cyl	19	18/22	\$3,450	4	PR MHEV SS
AMG GLE53 4matic Plus Coupe					
A-9, 3.0L, 6cyl	19	17/21	\$3,450	4	PR MHEV SS
EQS 450 4Matic (SUV)					
A-1	78	79/77	\$900	10	EV SS
EQS 580 4Matic (SUV)					
A-1	77	79/74	\$900	10	EV SS
G550					
A-9, 4.0L, 8cyl	14	13/16	\$4,700	2	PR T CD SS
GLE450 4matic					
A-9, 3.0L, 6cyl	22	20/25	\$3,000	5	PR T MHEV SS
GLS450 4matic					
A-9, 3.0L, 6cyl	20	18/23	\$3,300	4	PR T MHEV SS
PORSCHE					
Cayenne					
A-S8, 3.0L, 6cyl	19	17/22	\$3,450	4	PR T SS
Cayenne GTS					
A-S8, 4.0L, 8cyl	17	15/19	\$3,850	3	PR T CD SS
Cayenne GTS Coupe					
A-S8, 4.0L, 8cyl	17	15/19	\$3,850	3	PR T CD SS
Cayenne S					
A-S8, 2.9L, 6cyl	18	16/22	\$3,650	4	PR T SS
Cayenne S Coupe					
A-S8, 2.9L, 6cyl	18	16/21	\$3,650	4	PR T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Cayenne Turbo					
A-S8, 4.0L, 8cyl	16	14/19	\$4,100	3	P R T CD SS
Cayenne Turbo Coupe					
A-S8, 4.0L, 8cyl	17	15/20	\$3,850	3	P R T CD SS
Cayenne Turbo GT					
A-S8, 4.0L, 8cyl	16	14/19	\$4,100	3	P R T CD SS
Cayenne Turbo S e-Hybrid					
A-S8, 4.0L, 8cyl	See page 37.			P T	PHEV SS
Cayenne Turbo S e-Hybrid Coupe					
A-S8, 4.0L, 8cyl	See page 37.			P T	PHEV SS
SUBARU					
Ascent					
AV-S8, 2.4L, 4cyl	22	20/26	\$2,400	5	T
Ascent Limited/Touring/Onyx AWD					
AV-S8, 2.4L, 4cyl	21	19/25	\$2,500	4	T
TESLA					
Model X					
▶ A-1	102	107/97	\$700	10	EV
Model X Plaid (20 inch wheels)					
A-1	98	103/93	\$700	10	EV

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
Model X Plaid (22 inch wheels)					
A-1	91	94/88	\$800	10	EV
TOYOTA					
4Runner 4WD					
A-S5, 4.0L, 6cyl	17	16/19	\$3,100	3	PT4
A-S5, 4.0L, 6cyl	17	16/19	\$3,100	3	
Highlander Hybrid AWD					
▶ AV-S6, 2.5L, 4cyl	35	35/35	\$1,500	7	HEV SS
Highlander Hybrid AWD LTD/PLAT					
▶ AV-S6, 2.5L, 4cyl	35	35/34	\$1,500	7	HEV SS
Sequoia 4WD					
A-S10, 3.4L, 6cyl	20	19/22	\$2,650	4	T PT4 HEV SS
VOLVO					
XC90 B5 AWD					
A-S8, 2.0L, 4cyl	25	22/28	\$2,650	5	P R T MHEV SS
XC90 B6 AWD					
A-S8, 2.0L, 4cyl	22	20/26	\$3,000	5	P R T S MHEV SS



# ALL-ELECTRIC VEHICLES

All-electric vehicles (EVs) are propelled by one or more electric motors powered by a rechargeable battery. EVs are energy efficient and emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Electric motors have several performance benefits. They are quiet, have instant torque for quick acceleration, enable regenerative braking, and require less maintenance than internal combustion engines.

Current EVs typically have a shorter driving range than comparable gasoline or hybrid vehicles, and their range is more sensitive to driving style, driving conditions, and accessory use. Fully recharging the battery can take several hours—though a “fast charge” to

80% capacity may take as little as 30 minutes. Charging options outside the home are expanding. More than 46,700 public and 1,300 workplace charging stations are available. EVs are typically more expensive than comparable conventional vehicles and hybrids due to the cost of the large battery. However, as manufacturers continue to improve the driving range and reduce the cost of these vehicles, they are becoming more practical and affordable for a wider range of consumers.

A federal income tax credit of up to \$7,500 is currently available to consumers purchasing a qualifying EV. State and/or local incentives may also apply. For additional information on EVs, including tax incentives, visit [fueleconomy.gov](https://www.fueleconomy.gov).



Model	Motor	Battery Type	Fuel Economy (comb/city/hwy)		Driving Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
			MPGe	kWh/100 mi				
SUBCOMPACT CARS								
BMW								
i4 eDrive40 Gran Coupe (18 inch wheels)	TBD	Li-Ion	109/109/108	34/34/34	301	10	\$700	10
i4 M50 Gran Coupe (19 inch wheels)	TBD	Li-Ion	96/94/98	35/36/34	271	10	\$750	10
i4 M50 Gran Coupe (20 inch wheels)	TBD	Li-Ion	80/79/80	42/43/42	227	10	\$900	10
MINI								
Cooper SE Hardtop 2 door	135 kW DCPM	Li-Ion	110/119/100	31/28/34	114	4	\$650	10
COMPACT CARS								
PORSCHE								
Taycan 4S Perf Battery Plus	175 and 320 kW ACPM	Li-Ion	80/79/81	42/43/42	235	10.5	\$900	10
Taycan 4S Performance Battery	150 and 270 kW ACPM	Li-Ion	82/82/82	40/40/40	206	9.5	\$850	10
Taycan GTS	175 and 335 kW ACPM	Li-Ion	83/83/82	41/40/41	246	10.5	\$850	10
Taycan GTS Sport Turismo	175 and 335 kW ACPM	Li-Ion	80/80/80	42/42/42	233	10.5	\$900	10
Taycan Perf Battery Plus	280 kW ACPM	Li-Ion	82/78/88	41/43/38	242	10.5	\$850	10
Taycan Performance Battery	240 kW ACPM	Li-Ion	83/79/88	41/43/38	208	9.5	\$850	10
Taycan Turbo	175 and 335 kW ACPM	Li-Ion	81/81/80	42/41/42	238	10.5	\$900	10
Taycan Turbo S	190 and 335 kW ACPM	Li-Ion	75/76/74	45/44/45	222	10.5	\$950	10
MIDSIZE CARS								
AUDI								
e-tron GT	TBD	Li-Ion	82/81/83	41/42/41	238	10.5	\$850	10
RS e-tron GT	TBD	Li-Ion	81/79/82	42/42/41	232	10.5	\$900	10
GENESIS								
Electrified G80	TBD	Li-Ion	97/105/89	34/31/36	282	9	\$700	10
NISSAN								
LEAF	TBD	Li-Ion	111/123/99	30/27/34	149	8	\$650	10
LEAF SV	TBD	Li-Ion	109/121/98	31/28/34	212	11	\$650	10
POLESTAR								
2 BST edition	150 and 150 kW ACPMSM	Li-Ion	95/98/91	36/34/37	247	8	\$750	10
2 Dual Motor	150 and 150 kW ACPMSM	Li-Ion	100/105/96	34/32/35	260	8	\$700	10
2 Dual Motor Perf Pack	175 and 175 kW ACPMSM	Li-Ion	100/105/96	34/32/35	260	8	\$700	10
2 Single Motor	170 kW ACPMSM	Li-Ion	107/113/100	31/30/34	270	8	\$650	10
PORSCHE								
Taycan 4 Cross Turismo	175 and 320 kW ACPM	Li-Ion	80/80/80	42/42/42	235	10.5	\$900	10
Taycan 4S Cross Turismo	175 and 320 kW ACPM	Li-Ion	78/78/78	43/43/43	230	10.5	\$900	10
Taycan Turbo Cross Turismo	175 and 335 kW ACPM	Li-Ion	79/80/78	42/41/42	233	10.5	\$850	10
Taycan Turbo S Cross Turismo	190 and 335 kW ACPM	Li-Ion	75/76/74	45/44/45	222	10.5	\$950	10
TESLA								
Model 3 Long Range AWD	98 and 195 kW AC 3-Phase	Li-Ion	131/134/126	26/25/27	358	11.5†	\$550	10
Model 3 Performance AWD	131 and 190 kW AC 3-Phase	Li-Ion	113/118/107	30/29/32	315	10†	\$650	10
Model 3 RWD	192 kW AC 3-Phase	Li-Ion	132/138/126	25/25/27	272	10.4†	\$550	10
LARGE CARS								
BMW								
i7 xDrive60 Sedan (19 inch wheels)	TBD	Li-Ion	89/87/92	38/39/37	318	12	\$800	10
i7 xDrive60 Sedan (20 inch wheels)	TBD	Li-Ion	83/81/85	41/42/39	296	12	\$850	10
i7 xDrive60 Sedan (21 inch wheels)	TBD	Li-Ion	87/85/89	39/39/38	308	12	\$800	10
GENESIS								
GV60 ADVANCE	74 and 160 kW PMSM	Li-Ion	95/103/86	35/33/39	248	7.2	\$750	10
GV60 PERFORMANCE	160 and 160 kW PMSM	Li-Ion	90/97/82	37/35/41	235	7.2	\$750	10
MERCEDES-BENZ								
EQS 450 4Matic	TBD	Li-Ion	103/101/105	31/32/30	340	12.5	\$650	10
TESLA								
Model S	247 and 247 kW AC 3-Phase	Li-Ion	120/124/115	28/27/29	405	15‡	\$600	10

Model	Motor	Battery Type	Fuel Economy (comb/city/hwy)		Driving Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
			MPGe	kWh/100 mi				
SMALL STATION WAGONS								
CHEVROLET								
Bolt EUV	150 kW ACPM	Li-Ion	115/125/104	29/27/32	247	7.5	\$600	10
Bolt EV	150 kW ACPM	Li-Ion	120/131/109	28/26/31	259	7.5	\$600	10
KIA								
EV6 AWD GT	TBD	Li-Ion	79/85/74	42/40/46	206	8.9	\$900	10
EV6 Long Range AWD (19 inch tires)	TBD	Li-Ion	109/120/98	31/28/35	282	8.4	\$650	10
EV6 Long Range AWD (20 inch tires)	TBD	Li-Ion	96/106/86	34/31/38	252	8.4	\$700	10
EV6 Long Range RWD	TBD	Li-Ion	117/134/101	28/24/32	310	8.7	\$600	10
EV6 Standard Range RWD	TBD	Li-Ion	117/136/100	28/24/33	232	6.3	\$600	10
Niro Electric	TBD	Li-Ion	113/126/101	29/26/33	253	7.5	\$600	10
NISSAN								
ARIYA ENGAGE FWD 63kWh	TBD	Li-Ion	101/109/94	33/31/36	216	10	\$700	10
ARIYA EVO Plus/EMP Plus/PRM FWD 87kWh	TBD	Li-Ion	98/105/91	34/32/37	289	14	\$700	10
ARIYA VENTURE Plus FWD 87kWh	TBD	Li-Ion	103/111/95	33/30/36	304	14	\$700	10
SMALL SPORT UTILITY VEHICLES 2WD								
AUDI								
Q4 e-tron	TBD	Li-Ion	103/112/94	33/30/36	265	9	\$700	10
CADILLAC								
LYRIQ	255 kW ACPM	Li-Ion	89/97/82	38/35/41	312	6.5	\$800	10
HYUNDAI								
Kona Electric	TBD	Li-Ion	120/134/106	27/25/31	258	9.5	\$600	10
TOYOTA								
bZ4X	150 kW AC Synchronous	Li-Ion	119/131/107	28/26/31	252	11	\$600	10
bZ4X LIMITED	150 kW AC Synchronous	Li-Ion	114/125/103	30/27/33	242	11	\$650	10
VOLKSWAGEN								
ID.4	150 kW AC 3-Phase	Li-Ion	107/115/99	31/29/34	209	6	\$650	10
ID.4 Pro	150 kW AC 3-Phase	Li-Ion	107/115/98	32/29/34	275	7.5	\$650	10
ID.4 Pro S	150 kW AC 3-Phase	Li-Ion	107/115/98	32/29/34	275	7.5	\$650	10
ID.4 S	150 kW AC 3-Phase	Li-Ion	107/115/99	31/29/34	209	6	\$650	10
SMALL SPORT UTILITY VEHICLES 4WD								
JAGUAR								
I-Pace EV400 (20 inch tires)	TBD	Li-Ion	85/89/82	39/38/41	246	13	\$850	10
I-Pace EV400 (22 inch tires)	TBD	Li-Ion	76/79/72	45/43/47	217	13	\$950	10
SUBARU								
Solterra AWD	TBD	Li-Ion	104/114/94	31/28/34	228	11	\$650	10
Solterra Limited/Touring AWD	TBD	Li-Ion	102/111/93	32/29/35	222	11	\$650	10
TESLA								
Model Y AWD	91 and 200 kW AC 3-Phase	Li-Ion	123/129/116	28/26/29	279	9.4‡	\$600	10
Model Y Long Range AWD	91 and 200 kW AC 3-Phase	Li-Ion	122/127/117	28/27/29	330	11.5‡	\$600	10
Model Y Performance AWD	133 and 179 kW AC 3-Phase	Li-Ion	111/115/106	30/29/32	303	11.8‡	\$650	10
TOYOTA								
bZ4X AWD	80 and 150 kW AC Synchronous	Li-Ion	104/114/94	32/30/36	228	11	\$650	10
bZ4X LIMITED AWD	80 and 150 kW AC Synchronous	Li-Ion	102/112/92	33/30/36	222	11	\$700	10
VOLKSWAGEN								
ID.4 AWD Pro	TBD	Li-Ion	99/104/93	34/32/36	255	7.5	\$700	10
ID.4 AWD Pro S	TBD	Li-Ion	99/104/93	34/32/36	255	7.5	\$700	10
VOLVO								
C40 Recharge twin	175 and 175 kW ACPMSM	Li-Ion	87/94/80	39/36/42	226	8	\$800	10
XC40 Recharge twin	150 and 150 kW ACPMSM	Li-Ion	85/92/79	39/37/43	223	8	\$850	10

Model	Motor	Battery Type	Fuel Economy (comb/city/hwy)		Driving Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
			MPGe	kWh/100 mi				
STANDARD SPORT UTILITY VEHICLES 2WD								
MERCEDES-BENZ								
EQS 450 Plus (SUV)	TBD	Li-Ion	85/87/83	39/38/40	305	12.8	\$800	10
STANDARD SPORT UTILITY VEHICLES 4WD								
AUDI								
e-tron quattro	TBD	Li-Ion	79/78/79	43/43/43	226	10	\$900	10
e-tron S (20 inch wheels)	TBD	Li-Ion	73/72/75	46/47/45	208	10	\$950	10
e-tron S Sportback (20 inch wheels)	TBD	Li-Ion	75/73/78	45/46/43	212	10	\$950	10
e-tron Sportback quattro	TBD	Li-Ion	78/77/80	43/44/42	225	10	\$900	10
Q4 e-tron quattro	TBD	Li-Ion	93/97/87	36/35/39	236	9	\$750	10
Q4 e-tron Sportback	TBD	Li-Ion	95/100/89	36/34/38	242	9	\$750	10
BMW								
iX M60 (21 inch wheels)	190 and 360 kW EESM	Li-Ion	77/76/80	44/44/42	288	12	\$900	10
iX M60 (22 inch wheels)	190 and 360 kW EESM	Li-Ion	78/77/80	43/44/42	274	12	\$900	10
iX xDrive50 (20 inch wheels)	TBD	Li-Ion	86/86/87	39/39/39	324	12	\$800	10
iX xDrive50 (21 inch wheels)	TBD	Li-Ion	83/82/84	41/41/40	305	12	\$850	10
iX xDrive50 (22 inch wheels)	TBD	Li-Ion	86/86/85	39/39/39	315	12	\$800	10
MERCEDES-BENZ								
EQS 450 4Matic (SUV)	TBD	Li-Ion	78/79/77	43/42/43	285	12.8	\$900	10
EQS 580 4Matic (SUV)	TBD	Li-Ion	77/79/74	42/41/44	285	12.8	\$900	10
TESLA								
Model X	243 and 248 kW AC 3-Phase	Li-Ion	102/107/97	33/32/35	348	14‡	\$700	10
Model X Plaid (20 inch wheels)	230, 230 and 230 kW AC 3-Phase	Li-Ion	98/103/93	34/33/36	333	14‡	\$700	10
Model X Plaid (22 inch wheels)	230, 230 and 230 kW AC 3-Phase	Li-Ion	91/94/88	37/36/38	311	14‡	\$800	10

#### NOTES AND ABBREVIATIONS:

\* .....Range for combined city/highway driving (55% city and 45% highway)  
† .....First value is time required with the 48A high power charger option; second value is with standard charger.  
‡ .....First value is time required with the 72A high power charger option; second value is with standard charger.  
§ .....Available for sale or lease nationwide in the winter of 2022.  
AC Induction..... Alternating current induction motor  
ACPM.....Alternating current permanent magnet motor

DCPM.....Direct current permanent magnet motor  
EESM.....Externally excited synchronous machine  
Li-Ion.....Lithium-ion  
MPGe ..... Miles per gallon gasoline equivalent  
NA .....Not available  
PMACS .....Permanent magnet AC Synchronous  
PMSM ..... Permanent magnet synchronous motor  
TBD .....To be determined



# PLUG-IN HYBRID VEHICLES

Plug-in hybrid electric vehicles (PHEVs) are hybrids that can be charged by plugging them into an electrical outlet or charging station. Plug-in hybrids can store enough electricity from the power grid to significantly reduce their gasoline consumption under typical driving conditions.

There are two basic plug-in hybrid configurations:

- **Series PHEVs, also called Extended Range Electric Vehicles (EREVs).** The electric motor on these vehicles is the only power source that turns the wheels; the gasoline engine only generates electricity. Series PHEVs can run solely on electricity until the battery needs to be recharged. The gasoline engine will then generate the electricity needed to power the electric motor. For short trips, these vehicles may not use any gasoline.
- **Parallel or Blended PHEVs.** Both the engine and electric motor are mechanically connected to the wheels, and both may propel the vehicle. The vehicle may operate using both electricity and gasoline at the same time, using electricity only, or using gasoline only.

Plug-in hybrids also have different battery capacities, allowing some to travel farther on electricity than others. PHEV fuel economy, like that of EVs and regular hybrids, can be sensitive to driving style, driving conditions, and accessory use. When operating in pure electric mode, PHEVs emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Charging a PHEV's battery typically takes several hours. They can be charged at home or at an increasing number of workplaces or public locations. However, PHEVs don't have to be plugged in to be driven. They can be fueled solely with gasoline, like a conventional hybrid, but they will not achieve maximum range or fuel economy without charging.

Plug-in hybrids use less gasoline and cost less to fuel than conventional hybrids, but they are more expensive to purchase.

A federal income tax credit of up to \$7,500 is currently available to consumers purchasing a qualifying plug-in hybrid. State and/or local incentives may also apply. For additional information on PHEVs, including tax incentives, visit [fueleconomy.gov](https://www.fueleconomy.gov).



Manufacturer, Model, Trans, Eng Size, Cyl, Electric Motor	Fuel	Fuel Economy Combined MPGe	Range (miles)	Total Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
		Comb / City / Hwy MPG					
TWO-SEATER CARS							
MCLAREN AUTOMOTIVE							
Artura							
AM-S8, 3.0L, 6cyl, 71 kW DCPM	Electricity + Gasoline	39 MPGe ([86kWh + 0 gal]/100 mi)†	11	330	3.5	\$2,900	6
	Premium Gasoline	18 / 17 / 21	323				
COMPACT CARS							
BMW							
530e Sedan							
A-S8, 2.0L, 4cyl, 80 kW PMSM	Electricity + Gasoline	64 MPGe ([49kWh + 0 gal]/100 mi)†	21	340	3	\$1,800	8
	Premium Gasoline	26 / 24 / 29	323				
530e xDrive Sedan							
A-S8, 2.0L, 4cyl, 80 kW PMSM	Electricity + Gasoline	62 MPGe ([53kWh + 0 gal]/100 mi)†	19	320	3	\$2,000	8
	Premium Gasoline	25 / 22 / 28	302				
MIDSIZE CARS							
BENTLEY							
Flying Spur Hybrid							
AM-S8, 2.9L, 6cyl, 103 kW AC Induction	Electricity + Gasoline	46 MPGe ([74kWh + 0 gal]/100 mi)†	21	430	3	\$2,550	7
	Premium Gasoline	19 / 17 / 22	406				
MINI							
Cooper SE Countryman All4							
A-S6, 1.5L, 3cyl, 65 kW AC Induction	Electricity + Gasoline	73 MPGe ([46kWh + 0 gal]/100 mi)†	18	300	2	\$1,700	8
	Premium Gasoline	29 / 29 / 30	280				
VOLVO							
S90 T8 AWD Recharge ext. Range							
A-S8, 2.0L, 4cyl, 34 and 107kW 3-phase Sync.	Electricity + Gasoline	66 MPGe ([48kWh + 0.1 gal]/100 mi)	38	520	5	\$1,450	10
	Premium Gasoline	30 / 28 / 33	485				
LARGE CARS							
PORSCHE							
Panamera 4 e-Hybrid							
AM-S8, 2.9L, 6cyl, 70 kW DC Brushless	Electricity + Gasoline	52 MPGe ([64kWh + 0 gal]/100 mi)†	19	480	3	\$2,250	7
	Premium Gasoline	22 / 21 / 24	463				
Panamera 4S E-Hybrid							
AM-S8, 2.9L, 6cyl, 70 kW DC Brushless	Electricity + Gasoline	50 MPGe ([66kWh + 0 gal]/100 mi)†	19	480	3	\$2,300	7
	Premium Gasoline	22 / 21 / 23	461				
Panamera Turbo S e-Hybrid							
AM-S8, 4.0L, 8cyl, 100 kW DC Brushless	Electricity + Gasoline	48 MPGe ([70kWh + 0 gal]/100 mi)†	17	430	3	\$2,600	6
	Premium Gasoline	19 / 18 / 22	413				
SMALL STATION WAGONS							
VOLVO							
V60 T8 AWD Recharge ext. Range							
A-S8, 2.0L, 4cyl, 34 and 107kW 3-phase Sync.	Electricity + Gasoline	74 MPGe ([44kWh + 0.1 gal]/100 mi)	40	530	5	\$1,300	10
	Premium Gasoline	31 / 30 / 33	492				
MINIVANS 2WD							
CHRYSLER							
Pacifica Hybrid							
AV, 3.6L, 6cyl, 89 kW AC Induction	Electricity + Gasoline	82 MPGe ([41kWh + 0 gal]/100 mi)†	32	520	2	\$1,250	10
	Gasoline	30 / 29 / 30	487				

Manufacturer, Model, Trans, Eng Size, Cyl, Electric Motor	Fuel	Fuel Economy Combined MPGe	Range (miles)	Total Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
		Comb / City / Hwy MPG					
SMALL SPORT UTILITY VEHICLES 4WD							
HYUNDAI							
Santa Fe Plug-in Hybrid							
AM-S6, 1.6L, 4cyl, 67 kW AC PMSM	Electricity + Gasoline Gasoline	76 MPGe ([44kWh + 0 gal]/100 mi)† 33 / 33 / 32	31 407	440	3.4	\$1,200	10
Tucson Plug-in Hybrid							
AM-S6, 1.6L, 4cyl, 67 kW AC PMSM	Electricity + Gasoline Gasoline	80 MPGe ([42kWh + 0 gal]/100 mi)† 35 / 35 / 35	33 389	420	1.7	\$1,150	10
JEEP							
Wrangler 4dr 4xe							
A-8, 2.0L, 4cyl, 100 kW AC Induction	Electricity + Gasoline Gasoline	49 MPGe ([68kWh + 0 gal]/100 mi)† 20 / 20 / 20	22 346	370	2.4	\$2,050	7
LEXUS							
NX 450h Plus AWD							
AV-S6, 2.5L, 4cyl, 40 and 134 kW AC Induction	Electricity + Gasoline Premium Gasoline	84 MPGe ([40kWh + 0 gal]/100 mi)† 36 / 38 / 33	37 517	550	4.5	\$1,200	10
STANDARD SPORT UTILITY VEHICLES 4WD							
BMW							
X5 xDrive45e							
A-S8, 3.0L, 6cyl, 83 kW PMSM	Electricity + Gasoline Premium Gasoline	50 MPGe ([63kWh + 0.1 gal]/100 mi) 20 / 19 / 22	31 373	400	5	\$2,150	8
JEEP							
Grand Cherokee 4xe							
A-8, 2.0L, 4cyl, 100 kW AC Induction	Electricity + Gasoline Gasoline	56 MPGe ([58kWh + 0 gal]/100 mi)† 23 / 23 / 24	26 447	470	3.4	\$1,700	8
LINCOLN							
Aviator PHEV AWD							
A-S10, 3.0L, 6cyl, 74 kW DCPM	Electricity + Gasoline Gasoline	56 MPGe ([60kWh + 0 gal]/100 mi)† 23 / 22 / 25	21 443	460	3.5	\$1,800	8
PORSCHE							
Cayenne Turbo S e-Hybrid							
A-S8, 4.0L, 8cyl, 99 kW DC Brushless	Electricity + Gasoline Premium Gasoline	42 MPGe ([82kWh + 0 gal]/100 mi)† 18 / 17 / 20	15 359	370	3	\$2,900	6
Cayenne Turbo S e-Hybrid Coupe							
A-S8, 4.0L, 8cyl, 99 kW DC Brushless	Electricity + Gasoline Premium Gasoline	42 MPGe ([82kWh + 0 gal]/100 mi)† 18 / 17 / 20	15 359	370	3	\$2,900	6

#### NOTES AND ABBREVIATIONS:

\*.....Total range includes operation on both electricity and gasoline and is rounded to the nearest 10 miles.

†.....This vehicle did not use any gasoline during charge-depleting (electric) operation during EPA city and highway tests. However, depending on how you drive the vehicle, you may use both gasoline and electricity during charge-depleting operation following a full charge.

3-phase Sync.....3-phase synchronous motor

AC.....Alternating current induction motor

DC Brushless.....Direct Current Brushless Motor

DCPM.....Direct current permanent magnet motor

IPMSM.....Interior permanent magnet synchronous motor

Li-Ion.....Lithium-ion

MPGe.....Miles per gallon gasoline equivalent

MPK.....Miles per kilogram

Ni-MH.....Nickel-metal hydride

PEM.....Proton exchange membrane

NA.....Not available

PMAC.....Permanent magnet alternating current motor

PMACS.....Permanent magnet alternating current synchronous motor

PMSM.....Permanent magnet synchronous motor

## DIESEL VEHICLES

Diesel-powered vehicles are typically more fuel efficient than comparable vehicles powered by gasoline. Diesel engines are inherently more energy-efficient, and diesel fuel contains roughly 10%–15% more energy per gallon than gasoline. In addition, new

advances in diesel engine technology have improved performance, reduced engine noise and fuel odor, and decreased emissions of harmful air pollutants. Ultra-low sulfur diesel fuels also help reduce emissions from these vehicles.





Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
STANDARD PICKUP TRUCKS 2WD					
CHEVROLET					
Silverado 2WD					
A-10, 3.0L, 6cyl	26	24/29	\$2,950	5	DT SS
GMC					
Sierra 2WD					
A-10, 3.0L, 6cyl	26	24/29	\$2,950	5	DT SS
STANDARD PICKUP TRUCKS 4WD					
CHEVROLET					
Silverado 4WD					
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	DT SS
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	DT S-Mode SS
Silverado Mud Terrain Tires 4WD					
A-10, 3.0L, 6cyl	22	21/23	\$3,500	4	DT SS
GMC					
Sierra 4WD					
A-10, 3.0L, 6cyl	24	22/27	\$3,200	4	DT SS
Sierra Mud Terrain Tires 4WD					
A-10, 3.0L, 6cyl	22	21/23	\$3,500	4	DT SS
JEEP					
Gladiator EcoDiesel 4WD					
A-8, 3.0L, 6cyl	24	22/28	\$3,200	4	DT SS
Gladiator Rubic EcoDiesel 4WD					
A-8, 3.0L, 6cyl	24	21/27	\$3,200	4	DT SS
RAM					
1500 4WD					
A-8, 3.0L, 6cyl	24	21/29	\$3,200	4	DT
SMALL SPORT UTILITY VEHICLES 4WD					
JEEP					
Wrangler 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	25	22/29	\$3,100	5	DT SS
Wrangler Rubic 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	23	21/26	\$3,350	4	DT SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
STANDARD SPORT UTILITY VEHICLES 2WD					
CADILLAC					
Escalade 2WD					
A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	DT SS
CHEVROLET					
Suburban 2WD					
A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	DT SS
Tahoe 2WD					
A-10, 3.0L, 6cyl	24	21/28	\$3,200	4	DT SS
GMC					
Yukon 2WD					
A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	DT SS
Yukon XL 2WD					
A-10, 3.0L, 6cyl	23	21/27	\$3,350	4	DT SS
STANDARD SPORT UTILITY VEHICLES 4WD					
CADILLAC					
Escalade 4WD					
A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	DT SS
CHEVROLET					
Suburban 4WD					
A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	DT SS
Tahoe 4WD					
A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	DT SS
GMC					
Yukon 4WD					
A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	DT SS
Yukon XL 4WD					
A-10, 3.0L, 6cyl	22	20/26	\$3,500	4	DT SS

# ETHANOL FLEXIBLE FUEL VEHICLES

Ethanol flexible fuel vehicles (FFVs) are designed by the original manufacturer to operate on gasoline, E85, or any mixture of the two fuels. Annual fuel cost is estimated assuming 15,000 miles of travel each year (55% city and 45% highway) and an average fuel cost of \$3.93 per gallon for E85, \$3.53 per gallon for regular unleaded gasoline, and \$4.38 per gallon for premium unleaded gasoline. The price of ethanol is highly variable from region to region; it is typically lower in the Midwestern United States and higher in other areas. Also, the ethanol content of E85 can range from 51% to 83% and typically varies seasonally. Therefore, actual consumer experience may differ

significantly from the annual fuel cost estimates presented here, which are based on fuel economy tests using E85.

Fuel economy and driving range values are shown for both gasoline and E85. When operating your FFV on mixtures of gasoline and E85, such as when alternating between using these fuels, your driving range and fuel economy values will likely be somewhere between those listed for the two fuels, depending on the actual percentages of gasoline and E85 in the tank.

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Fuel	Driving Range (miles)
	Comb	City/Hwy				
STANDARD PICKUP TRUCKS 2WD						
CHEVROLET						
Silverado 2WD						
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	Gas	432/509
	13	12/15	\$4,550	4	E85	312/368
FORD						
F150 Pickup 2WD FFV						
A-S10, 3.3L, 6cyl	20	19/23	\$2,650	4	Gas	478/540
	15	13/19	\$3,950	5	E85	358/405
A-S10, 3.3L, 6cyl	21	19/24	\$2,500	4	Gas	502/567
	16	14/18	\$3,700	5	E85	382/432
A-S10, 5.0L, 8cyl	20	17/25	\$2,650	4	Gas	478/540
	15	12/19	\$3,950	4	E85	358/405
A-S10, 5.0L, 8cyl	19	17/24	\$2,800	4	Gas	454/513
	14	12/18	\$4,200	4	E85	335/378
GMC						
Sierra 2WD						
A-10, 5.3L, 8cyl	18	16/20	\$2,950	4	Gas	432/509
	13	12/15	\$4,550	4	E85	312/368
STANDARD PICKUP TRUCKS 4WD						
CHEVROLET						
Silverado 4WD						
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas	408/481
	12	11/14	\$4,900	3	E85	288/340

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Fuel	Driving Range (miles)
	Comb	City/Hwy				
Silverado Mud Terrain Tires 4WD						
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas	408
	12	11/14	\$4,900	3	E85	288
FORD						
F150 Pickup 4WD FFV						
A-S10, 3.3L, 6cyl	20	19/22	\$2,650	4	Gas	478/540
	15	14/18	\$3,950	5	E85	358/405
A-S10, 5.0L, 8cyl	18	16/22	\$2,950	4	Gas	430/486
	14	12/17	\$4,200	4	E85	335/378
A-S10, 5.0L, 8cyl	19	17/22	\$2,800	4	Gas	454/513
	14	12/17	\$4,200	4	E85	335/378
F150 Pickup Tremor 4WD FFV						
A-S10, 5.0L, 8cyl	17	15/20	\$3,100	3	Gas	631
	13	12/16	\$4,550	4	E85	482
A-S10, 5.0L, 8cyl	17	15/20	\$3,100	3	Gas	631
	13	11/16	\$4,550	4	E85	482
GMC						
Sierra 4WD						
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas	408/481
	12	11/14	\$4,900	3	E85	288/340
Sierra Mud Terrain Tires 4WD						
A-10, 5.3L, 8cyl	17	15/19	\$3,100	3	Gas	408
	12	11/14	\$4,900	3	E85	288

# INDEX

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
<b>ACURA</b>				
Integra		96/24		19
Integra A-Spec		96/24		19
MDX AWD				25
MDX AWD Type-S				29
MDX FWD				24
RDX AWD				25
RDX AWD A-SPEC				25
RDX FWD				24
RDX FWD A-SPEC				24
TLX AWD		93/14		14
TLX AWD A-SPEC		93/14		14
TLX FWD		93/14		14
TLX FWD A-SPEC		93/14		14
TLX Type-S		93/13		14
TLX Type-S Perf Tire		93/13		14
<b>ALFA ROMEO</b>				
Giulia		100/12		16
Giulia AWD		100/12		16
Stelvio				24
Stelvio AWD				25
<b>ASTON MARTIN</b>				
DB11 V12		72/9		12
DB11 V8		72/9		12
DBS		72/9		12
DBX 707				29
DBX V8				29
V12 Vantage				11
Vantage V8				11
<b>AUDI</b>				
A3		87/11		9,13
A3 quattro		87/8		13
A4 allroad quattro		92/24		20
A4 quattro		92/12		14
A4 S-Line quattro		92/12		14
A5 Cabriolet quattro		83/9		13
A5 Coupe quattro		84/11		13
A5 Sportback quattro			91/22	16
A5 Sportback S-Line quattro			91/22	16
A6 Allroad		101/30		21
A6 quattro		99/14		16
A7			95/25	16
A8 L		111/13		19
e-tron GT		101/11		16,34
e-tron quattro				29,36
e-tron S (20 inch wheels)				29,36
e-tron S Sportback (20 inch wheels)				29,36
e-tron Sportback quattro				29,36
Q3 S-Line				25
Q4 e-tron				24,35
Q4 e-tron quattro				29,36
Q4 e-tron Sportback				29,36
Q5 quattro				25
Q5 S-Line quattro				25
Q5 Sportback S-line quattro				25
Q7				29
Q8				29
R8 Coupe quattro				11
R8 Coupe RWD				11

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
R8 GT RWD				11
R8 Spyder quattro				11
R8 Spyder RWD				11
RS 5 Coupe		84/11		13
RS 5 Sportback			91/22	16
RS 6 Avant		101/30		21
RS 7			95/25	16
RS e-tron GT		101/11		16,34
RS Q8				29
S3		87/8		13
S4		92/12		15
S5 Cabriolet		83/9		13
S5 Coupe		84/11		13
S5 Sportback			91/22	16
S6		99/14		16
S7			94/25	16
S8		111/13		19
SQ5				25
SQ5 Sportback				25
SQ7				29
SQ8				29
TT Coupe		73/12		13
TT Roadster				11
TTS Coupe		74/13		13
<b>BENTLEY</b>				
Bentayga				30
Bentayga EWB				30
Bentayga Speed				30
Continental GT		87/11		13
Continental GT				12
Continental GT Speed		77/6		12
Continental GT Speed		87/11		13
Flying Spur		102/13		16
Flying Spur Hybrid		102/13		16,38
<b>BMW</b>				
228i Gran Coupe		91/12		15
228i xDrive Gran Coupe		91/12		15
230i Coupe		88/10		13
230i xDrive Coupe		88/10		13
330i Sedan			94/13	15
330i xDrive Sedan			94/13	15
430i Convertible		84/9		13
430i Coupe		86/12		13
430i Gran Coupe			91/12	15
430i xDrive				13
430i xDrive Convertible		84/9		13
430i xDrive Coupe		86/12		13
430i xDrive Gran Coupe		91/12		15
530e Sedan		99/10		15,38
530e xDrive Sedan		99/10		15,38
530i Sedan		99/14		16
530i xDrive Sedan		99/14		16
540i Sedan		99/14		16
540i xDrive Sedan		99/14		16
740i Sedan		112/14		19
760i xDrive Sedan		112/14		19
840i Convertible		81/12		13
840i Coupe		81/15		13
840i Gran Coupe			100/16	16

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
840i xDrive				13
Convertible		81/12		13
840i xDrive Coupe		81/15		13
840i xDrive Gran Coupe		100/16		17
Alpina B8 Gran Coupe		100/16		17
Alpina XB7				30
i4 eDrive40 Gran Coupe (18 inch wheels)		90/10		13,34
i4 M50 Gran Coupe (19 inch wheels)		90/10		13,34
i4 M50 Gran Coupe (20 inch wheels)		90/10		13,34
i7 xDrive60 Sedan (19 inch wheels)		112/11		19,34
i7 xDrive60 Sedan (20 inch wheels)		112/11		19,34
i7 xDrive60 Sedan (21 inch wheels)		112/11		19,34
iX M60 (21 inch wheels)				30,36
iX M60 (22 inch wheels)				30,36
iX xDrive50 (20 inch wheels)				30,36
iX xDrive50 (21 inch wheels)				30,36
iX xDrive50 (22 inch wheels)				30,36
M2 Coupe		88/10		13
M235i xDrive Gran Coupe		91/12		15
M240i Coupe		88/10		13
M240i xDrive Coupe		88/10		13
M3 Competition M xDrive Sedan		95/13		15
M3 Competition Sedan		95/13		15
M3 Sedan		95/13		15
M340i Sedan		94/13		15
M340i xDrive Sedan		94/13		15
M4 Competition Coupe		87/12		13
M4 Competition M xDrive Convertible		84/9		13
M4 Competition M xDrive Coupe		87/12		13
M4 Coupe		87/12		13
M4 CSL Coupe		87/12		13
M440i Convertible		84/9		13
M440i Coupe		86/12		13
M440i Gran Coupe		91/12		15
M440i xDrive Convertible		84/9		13
M440i xDrive Coupe		86/12		14
M440i xDrive Gran Coupe		91/12		15
M5 Competition Sedan		103/14		17
M5 Sedan		103/14		17
M550i xDrive Sedan		99/14		17
M8 Competition Convertible		81/12		14
M8 Competition Coupe		81/15		14
M8 Competition Gran Coupe		100/11		17
M850i xDrive Convertible		81/12		14
M850i xDrive Coupe		81/15		14
M850i xDrive Gran Coupe		100/16		17
X1 xDrive28i				25
X2 M35i			94/21	17
X2 sDrive28i			94/21	17
X2 xDrive28i			94/21	17

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
X3 M				25
X3 M Competition				25
X3 M40i				25
X3 sDrive30i				24
X3 xDrive30i				25
X4 M				25
X4 M Competition				25
X4 M40i				25
X4 xDrive30i				25
X5 M				30
X5 M Competition				30
X5 M50i				30
X5 sDrive40i				28
X5 xDrive40i				30
X5 xDrive45e				30,39
X6 M				30
X6 M Competition				30
X6 M50i				30
X6 xDrive40i				30
X7 M60i xDrive				30
X7 xDrive40i				30
Z4 M40i				11
Z4 sDrive30i				9,11

## BUGATTI

Chiron				11
Chiron Pur Sport				11
Chiron Super Sport				11

## BUICK

Enclave AWD				30
Enclave FWD				29
Encore GX AWD				25
Encore GX FWD				24
Envision AWD				25
Envision FWD		100/25		24

## CADILLAC

CT4		90/11		15
CT4 AWD		90/11		15
CT4 V		90/11		15
CT4 V AWD		90/11		15
CT5		99/11		17
CT5 AWD		99/11		17
CT5 V		99/11		17
Escalade 2WD				29,41
Escalade 4WD				30,41
Escalade V 4WD				30
LYRIQ		105/24		24,35
XT4 AWD		101/23		26
XT4 FWD		101/23		24
XT5 AWD				26
XT5 FWD				24
XT5 Hearse AWD				23
XT5 Hearse FWD				23
XT5 Limo AWD				23
XT5 Limo FWD				23
XT6 AWD		137/13		26
XT6 FWD		137/13		24

## CHEVROLET

Blazer AWD		107/31		26
Blazer FWD		107/31		24

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Bolt EUV		97/16		20,35
Bolt EV		94/17		9,20,35
Camaro		77/8		14
Corvette				11
Corvette Z06				11
Corvette Z06 Carbon Aero				11
Equinox AWD		104/30		26
Equinox FWD		104/30		24
Malibu		100/13		17
Silverado 2WD				9,21,41,42
Silverado 4WD				22,41,42
Silverado 4WD ZR2				22
Silverado Cab Chassis 2WD				23
Silverado Cab Chassis 4WD				23
Silverado Mud Terrain Tires 4WD				22,41,42
Suburban 2WD				29,41
Suburban 4WD				30,41
Tahoe 2WD				29,41
Tahoe 4WD				30,41
Trailblazer AWD				26
Trailblazer FWD				24
Traverse AWD				30
Traverse FWD				29

## CHRYSLER

Pacifica Hybrid				9,23,38
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## DODGE

Durango AWD				30
Durango RWD				29
Durango SRT AWD				30

## FERRARI

812 Competizione			58/5	11
812 Competizione A		51/5		11
812 GTS				11
Daytona SP3		44/0		11
F8 Spider				11
F8 Tributo				11
Monza SP1		15/3		11
Monza SP2		23/3		11
Portofino M		75/5		12
Roma		80/7		14

## FORD

Bronco 4WD				26
Bronco Badlands 4WD				26
Bronco Black Diamond 4WD				26
Bronco Raptor 4WD				30
Bronco Sasquatch 4WD				26
F150 Pickup 2WD				21
F150 Pickup 2WD FFV				21,42
F150 Pickup 2WD HEV				21
F150 Pickup 4WD				22
F150 Pickup 4WD FFV				22,42
F150 Pickup 4WD HEV				22
F150 Pickup Tremor 4WD				22
F150 Pickup Tremor 4WD FFV				22,42
F150 RAPTOR 37 4WD				22
F150 RAPTOR 4WD				22
F150 RAPTOR R 4WD				22
Ranger 2WD				21
Ranger 4WD				22

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Ranger Tremor 4WD				22

## GENESIS

Electrified G80		99/13		17,34
G70 AWD		94/10		15
G70 RWD		94/10		15
G80 AWD		107/15		19
G80 RWD		107/15		19
G90 AWD		109/11		19
G90 MHEV		109/11		19
GV60 ADVANCE		102/24		19,34
GV60 PERFORMANCE		102/24		19,34
GV70 AWD		104/29		26
GV80 AWD				30

## GMC

Acadia AWD				30
Acadia FWD				29
Sierra 2WD				9,22,41,42
Sierra 4WD				22,41,42
Sierra 4WD AT4X				22
Sierra Cab Chassis 2WD				23
Sierra Cab Chassis 4WD				23
Sierra Mud Terrain Tires 4WD				22,41,42
Terrain AWD		104/30		26
Terrain FWD				24
Yukon 2WD				29,41
Yukon 4WD				30,41
Yukon XL 2WD				29,41
Yukon XL 4WD				30,41

## HONDA

Civic 4Dr		99/15		17
Civic 5Dr			99/24	19
CR-V AWD				26
CR-V FWD				24
HR-V AWD		99/24		20
HR-V FWD		99/24		20
Odyssey				23
Passport AWD				26
Ridgeline AWD				22

## HYUNDAI

Elantra		99/14		17
Elantra Hybrid		99/14		17
Elantra Hybrid Blue		99/14		9,17
Elantra N		99/14		17
Kona AWD				26
Kona Electric				24,35
Kona FWD				24
Kona N				24
Palisade AWD		155/18		26
Palisade FWD		155/18		24
Santa Cruz AWD				26
Santa Cruz FWD				24
Santa Fe AWD				26
Santa Fe FWD				24
Santa Fe Hybrid				26
Santa Fe Hybrid Blue				26
Santa Fe Plug-in Hybrid				26,39
Sonata		105/16		19
Sonata Hybrid		105/16		19
Sonata Hybrid Blue		105/16		9,19



	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Tucson AWD				26
Tucson Hybrid				26
Tucson Hybrid Blue				26
Tucson Plug-in Hybrid				26,39
Venue		92/19		17

## INFINITI

Q50		100/14		17
Q50 AWD		100/14		17
Q50 Red Sport		100/14		17
Q50 Red Sport AWD		100/14		17
QX50				24
QX50 AWD				26
QX55 AWD				26
QX60 AWD				30
QX60 FWD				29
QX80 2WD				29
QX80 4WD				30

## JAGUAR

E-Pace				26
F-Pace				26
F-Pace P340 MHEV				26
F-Pace P400 MHEV				26
F-Pace SVR				26
F-Type P450 AWD R-Dynamic Convertible				11
F-Type P450 AWD R-Dynamic Coupe				11
F-Type P450 RWD Convertible				11
F-Type P450 RWD Coupe				11
F-Type R AWD Convertible				11
F-Type R AWD Coupe				11
I-Pace EV400 (20 inch tires)				26,35
I-Pace EV400 (22 inch tires)				26,35
XF P250		97/14		17
XF P250 AWD		97/14		17
XF P300 AWD		97/14		17

## JEEP

Gladiator 4WD				23
Gladiator EcoDiesel 4WD				23,41
Gladiator Rubic EcoDiesel 4WD				23,41
Grand Cherokee 4WD				30
Grand Cherokee 4xe				31,39
Grand Cherokee L 2WD				29
Grand Cherokee L 4WD				31
Grand Wagoneer 4WD				31
Grand Wagoneer L 4WD				31
Renegade 4WD				26
Renegade Trailhawk 4WD				27
Wagoneer 2WD				29
Wagoneer 4WD				31
Wagoneer L 2WD				29
Wagoneer L 4WD				31
Wrangler 2dr 4WD				27
Wrangler 4dr 4WD				27
Wrangler 4dr 4xe				27,39
Wrangler 4dr EcoDiesel 4WD				27,41
Wrangler Rubic 4dr EcoDiesel 4WD				27,41

## KIA

Carnival				23
EV6 AWD GT		104/24		20,35

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
EV6 Long Range AWD (19 inch tires)		103/24		20,35
EV6 Long Range AWD (20 inch tires)		103/24		20,35
EV6 Long Range RWD		103/24		20,35
EV6 Standard Range RWD		103/24		20,35
Forte		96/15		17
Forte FE		96/15		17
K5		105/16		19
K5 AWD		105/16		19
Niro		105/23		20
Niro Electric		100/23		20,35
Niro FE		105/23		9,20
Rio		90/14	91/17	15
Seltos AWD				27
Seltos FWD				24
Sorento AWD				27
Sorento FWD				24
Sorento Hybrid AWD				27
Sorento Hybrid FWD				24
Soul		101/24		20
Soul Eco dynamics		101/24		20
Sportage AWD				27
Sportage FWD				24
Sportage Hybrid AWD				27
Sportage Hybrid FWD				9,27
Stinger AWD		95/23		17
Stinger RWD		95/23		17
Telluride AWD		157/21		27
Telluride FWD		157/21		24

## LAMBORGHINI

Huracan Coupe				11
Huracan Coupe 2WD				11
Huracan Spyder				11
Huracan Spyder 2WD				11
Urus Performante		104/16		20
Urus S		104/16		31

## LAND ROVER

Defender 110				31
Defender 110 MHEV				31
Defender 130 P300 MHEV				31
Defender 130 P400 MHEV				31
Defender 90				31
Defender 90 MHEV				31
Discovery				31
Discovery MHEV				31
Discovery Sport				27
New Range Rover				31
New Range Rover LWB				31
New Range Rover P360 LWB MHEV				31
New Range Rover P360 MHEV				31
New Range Rover P400 LWB MHEV				31
New Range Rover P400 MHEV				31
New Range Rover Sport				31
New Range Rover Sport P360 MHEV				31
New Range Rover Sport P400 MHEV				31
Range Rover Evoque				27
Range Rover Evoque MHEV				27
Range Rover Velar				27
Range Rover Velar P340 MHEV				27
Range Rover Velar P400 MHEV				27

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg

## LEXUS

ES 250 AWD		97/14		17
ES 300h		97/14		17
ES 350		98/14		17
ES 350 F Sport		98/14		17
GX 460				31
IS 300		90/11		15
IS 300 AWD		90/11		15
IS 350		90/11		15
IS 350 AWD		90/11		15
IS 500		90/11		15
LC 500		86/5		14
LC 500 Convertible		75/3		12
LC 500h		86/5		14
LS 500		99/13		17
LS 500 AWD		99/13		17
LS 500h AWD		99/12		17
LX 600				31
NX 250				24
NX 250 AWD				27
NX 350 AWD				27
NX 350h AWD				27
NX 450h Plus AWD				27,39
RC 300		84/10		14
RC 300 AWD		84/10		14
RC 350		84/10		14
RC 350 AWD		84/10		14
RX 350				24
RX 350 AWD				27
UX 250h			90/17	15
UX 250h AWD			90/17	15

## LINCOLN

Aviator AWD				31
Aviator PHEV AWD				31,39
Aviator RWD				29

## MASERATI

Ghibli GT		108/10		18
Ghibli Modena AWD		108/10		18
Ghibli Modena RWD		108/10		18
Ghibli Trofeo		108/10		18
Grecale GT				27
Grecale Modena				27
Grecale Trofeo				27
Levante GT				31
Levante Modena				31
Levante Modena V8				31
Levante Trofeo				31
MC20				11
MC20 Spyder				11
Quattroporte GT		114/19		19
Quattroporte Modena AWD		114/19		19
Quattroporte Modena RWD		114/19		19
Quattroporte Trofeo		114/19		19

## MAZDA

3 5-Door 2WD		93/20		18
3 5-Door 4WD		93/20		18
CX-30 4WD				27
CX-5 4WD				27
CX-50 4WD				27

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
CX-9 4WD				27

#### MCLAREN AUTOMOTIVE

Artura				11,38
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#### MERCEDES-BENZ

AMG C43 4matic Convertible	81/9			14
AMG C43 4matic Coupe	79/10			14
AMG CLA45 4matic	89/12			15
AMG E53 4matic Plus		97/13		18
AMG E53 4matic Plus Convertible	87/9			14
AMG E53 4matic Plus Coupe	89/10			14
AMG GLA45 4matic		102/12		20
AMG GLC43 4matic Coupe				27
AMG GLE53 4matic Plus				31
AMG GLE53 4matic Plus Coupe				31
AMG GT 43 4matic Plus		96/13		15
AMG GT 53 4matic Plus		96/13		15
C300		93/12		15
C300 4matic		93/12		15
C300 4matic Convertible	81/9			14
C300 4matic Coupe	79/10			14
C300 Convertible	81/9			14
C300 Coupe	79/10			14
CLA250		89/12		15
CLA250 4matic		89/12		15
CLS450 4matic		93/12		15
E350		98/13		18
E350 4matic		98/13		18
E450 4matic		98/13		18
E450 4matic All-Terrain (wagon)		98/35		21
E450 4matic Convertible	87/9			14
E450 4matic Coupe	89/10			14
E450 Convertible	87/9			14
E450 Coupe	89/10			14
EQS 450 4Matic		103/35		19,34
EQS 450 4Matic (SUV)				31,36
EQS 450 Plus (SUV)				29,36
EQS 580 4Matic (SUV)				31,36
G550				31
GLA250				23
GLA250 4matic				27
GLB250				23
GLB250 4matic				27
GLC300 4matic Coupe				27
GLE350				27
GLE350 4matic				27
GLE450 4matic				31
GLS450 4matic				31
Metris (Cargo Van)				23
Metris (Cargo Van, LWB)				23
Metris (Passenger Van)				23
Metris (US Postal Long)				23
Metris (US Postal)				23
S500 4matic		112/13		19
S580 4matic		107/14		19

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
S580 4matic Maybach	118/13			20

#### MINI

Cooper Convertible	76/5			9,12
Cooper Countryman			97/18	18
Cooper Countryman All4			97/18	18
Cooper Hardtop 2 door			80/9	9,14
Cooper Hardtop 4 door			84/9	9,14
Cooper S Clubman			92/18	18
Cooper S Clubman All4			92/18	18
Cooper S Convertible	76/5			12
Cooper S Countryman			97/18	18
Cooper S Countryman All4			97/18	18
Cooper S Hardtop 2 door			80/9	14
Cooper S Hardtop 4 door			84/9	14
Cooper SE Countryman All4			95/17	18,38
Cooper SE Hardtop 2 door			80/9	9,14,34
JCW Countryman All4			97/18	18
John Cooper Works Clubman All4			92/18	18
John Cooper Works Convertible	76/5			12
John Cooper Works Hardtop 2 door			80/9	14

#### MITSUBISHI

Eclipse Cross 2WD				24
Eclipse Cross 4WD				27
Eclipse Cross ES 2WD				24
Eclipse Cross ES 4WD				27
Mirage		86/17	86/17	15
Mirage G4		89/12		15
Outlander 2WD				24
Outlander 4WD				27
Outlander Sport 2WD				24
Outlander Sport 4WD				27

#### NISSAN

Altima		101/15		18
Altima AWD		101/15		18
Altima SL/SR		101/15		18
Altima SR		101/15		18
ARIYA ENGAGE FWD 63kWh		101/23		21,35
ARIYA EVO Plus/EMP Plus/ PRM FWD 87kWh		101/23		21,35
ARIYA VENTURE Plus FWD 87kWh		101/27		21,35
Armada 2WD				29
Frontier 2WD				22
Frontier 4WD				23
Frontier 4WD PRO4X				23
Kicks			93/25	18
LEAF			92/24	18,34
LEAF SV			92/24	18,34
Maxima		98/14		18
Murano AWD		108/28		21
Murano FWD		108/28		21
Pathfinder 2WD				25
Pathfinder 4WD				28
Pathfinder 4WD Rock Creek				28
Pathfinder 4WD SL/Platinum				28
Rogue AWD				28
Rogue AWD SL/Platinum				28
Rogue FWD				25
Rogue FWD SL/Platinum				25

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Titan 2WD				22
Titan 4WD				23
Titan 4WD PRO4X				23
Z				11

#### POLESTAR

2 BST edition			89/26	18,34
2 Dual Motor			89/26	18,34
2 Dual Motor Perf Pack			89/26	18,34
2 Single Motor			89/26	18,34

#### PORSCHE

718 Boxster				11
718 Boxster GTS				11
718 Boxster S				12
718 Boxster T				12
718 Cayman				12
718 Cayman GT4				12
718 Cayman GTS				12
718 Cayman S				12
718 Cayman T				12
718 GT4 RS				12
718 Spyder				12
911 Carrera	70/5			12
911 Carrera 4	70/5			12
911 Carrera 4 Cabriolet	68/5			12
911 Carrera 4 GTS	70/5			12
911 Carrera 4 GTS Cabriolet	68/5			12
911 Carrera 4S	70/5			12
911 Carrera 4S Cabriolet	68/5			12
911 Carrera Cabriolet	68/5			12
911 Carrera GTS	70/5			12
911 Carrera GTS Cabriolet	68/5			12
911 Carrera S	70/5			12
911 Carrera S Cabriolet	68/5			12
911 GT3				12
911 GT3 Touring				12
911 Sport Classic	70/5			12
911 Targa 4	70/5			13
911 Targa 4 GTS	70/5			13
911 Targa 4S	70/5			13
911 Turbo	70/5			13
911 Turbo Cabriolet	70/5			13
911 Turbo S	70/5			13
911 Turbo S Cabriolet	70/5			13
Cayenne				31
Cayenne GTS				31
Cayenne GTS Coupe				31
Cayenne S				31
Cayenne S Coupe				31
Cayenne Turbo				32
Cayenne Turbo Coupe				32
Cayenne Turbo GT				32
Cayenne Turbo S e-Hybrid				32,39
Cayenne Turbo S e-Hybrid Coupe				32,39
Macan				28
Macan GTS				28
Macan S				28
Macan T				28
Panamera			98/27	20

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Panamera 4			98/27	20
Panamera 4 e-Hybrid			98/27	20,38
Panamera 4 Executive			101/27	20
Panamera 4 ST		99/25		20
Panamera 4S			98/27	20
Panamera 4S E-Hybrid			98/27	20,38
Panamera 4S Executive			101/27	20
Panamera 4S ST		99/25		20
Panamera GTS			98/27	20
Panamera GTS ST		99/25		20
Panamera Turbo S			98/27	20
Panamera Turbo S e-Hybrid			98/27	20,38
Taycan 4 Cross Turismo			90/24	18,34
Taycan 4S Cross Turismo			91/24	18,34
Taycan 4S Perf Battery Plus		89/12		16,34
Taycan 4S Performance Battery		89/12		16,34
Taycan GTS		89/11		9,16,34
Taycan GTS Sport Turismo			90/12	16,34
Taycan Perf Battery Plus			90/12	16,34
Taycan Performance Battery			90/12	9,16,34
Taycan Turbo		89/11		16,34
Taycan Turbo Cross Turismo			92/24	18,34
Taycan Turbo S		89/11		16,34
Taycan Turbo S Cross Turismo			93/24	18,34

#### RAM

1500 2WD				22
1500 4WD				23,41
1500 TRX 4WD				23

#### ROLLS-ROYCE

Cullinan	113/21			21
Cullinan Black Badge	113/21			21
Ghost	111/13			20
Ghost Black Badge	111/13			20
Ghost Extended	120/13			20
Phantom	116/15			20
Phantom Extended	127/15			20

#### SUBARU

Ascent				32
Ascent Limited/Touring/Onyx AWD				32
BRZ	77/6			13
Crosstrek AWD				28
Forester AWD				28
Forester Wilderness AWD				28
Impreza 4-Door	100/12			18
Impreza 5-Door	101/21			21
Impreza Sport 4-Door	100/12			18
Impreza Sport 5-Door	101/21			21
Legacy AWD	106/15			20
Outback AWD				28
Outback Wilderness AWD				28
Solterra AWD				28,35
Solterra Limited/Touring AWD				28,35

#### TESLA

Model 3 Long Range AWD	97/15			18,34
Model 3 Performance AWD	97/15			18,34
Model 3 RWD	97/15			9,18,34
Model S		94/26		9,20,34
Model X				9,32,36

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Model X Plaid (20 inch wheels)				32,36
Model X Plaid (22 inch wheels)				32,36
Model Y AWD				9,28,35
Model Y Long Range AWD				28,35
Model Y Performance AWD				28,35

#### TOYOTA

4Runner 2WD				29
4Runner 4WD				32
bZ4X				25,35
bZ4X AWD				28,35
bZ4X LIMITED				25,35
bZ4X LIMITED AWD				28,35
Camry		100/14		18
Camry AWD LE/SE		100/15		19
Camry AWD XLE/XSE		100/15		19
Camry Hybrid LE		100/15		19
Camry Hybrid SE/XLE/XSE		100/15		19
Camry LE/SE		100/14		19
Camry TRD		100/14		19
Camry XLE/XSE		100/14		19
Camry XSE		100/14		19
Corolla		89/13		16
Corolla Hatchback			85/18	16
Corolla Hatchback XSE			85/18	16
Corolla Hybrid		89/13		9,16
Corolla Hybrid AWD		89/13		16
GR 86	77/6			13
GR Corolla			67/27	14
GR Supra				12
Highlander				25
Highlander AWD				28
Highlander Hybrid				25
Highlander Hybrid AWD				9,32
Highlander Hybrid AWD LTD/PLAT				9,32
RAV4				25
RAV4 AWD				28
RAV4 AWD LE				28
RAV4 AWD TRD OFFROAD				28
RAV4 Hybrid AWD				28
RAV4 Hybrid AWD Woodland Edition				28
Sequoia 2WD				29
Sequoia 4WD				32
Sienna 2WD				9,23
Sienna AWD				23
Tacoma 2WD				9,21
Tacoma 4WD				21
Tacoma 4WD D-CAB MT TRD-ORP/PRO				21
Tundra 2WD				22
Tundra 4WD				23
Tundra 4WD PRO				23
Venza AWD				28

#### VOLKSWAGEN

Arteon	96/27			20
Arteon 4motion	96/27			20
Atlas				25
Atlas 4motion				28
Atlas Cross Sport				25
Atlas Cross Sport 4motion				28
GLI	94/16			16
Golf-R		93/16		16

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
GTI			93/16	16
ID.4		100/30		25,35
ID.4 AWD Pro		100/30		28,35
ID.4 AWD Pro S		100/30		28,35
ID.4 Pro		100/30		25,35
ID.4 Pro S		100/30		25,35
ID.4 S		100/30		25,35
Jetta		94/16		16
Jetta Sport/SE/SEL		94/16		16
Taos		100/28		25
Taos 4motion		100/28		28
Tiguan				25
Tiguan 4motion				28
Tiguan R-Line 4motion				28
Tiguan S				25

#### VOLVO

C40 Recharge twin				28,35
S60 B5		93/12		16
S60 B5 AWD		93/12		16
S90 B6 AWD		102/14		19
S90 T8 AWD Recharge ext. Range		102/14		19,38
V60 T8 AWD Recharge ext. Range		94/29		21,38
V60CC B5 AWD		94/29		21
V90CC B6 AWD		98/34		9,21
XC40 B4				25
XC40 B5 AWD				28
XC40 Recharge twin				28,35
XC60 B5				25
XC60 B5 AWD				28
XC60 B6 AWD				28
XC90 B5 AWD				32
XC90 B6 AWD				32



Fuel economy for city, highway, and combined city/highway driving (55% city and 45% highway) in miles per gallon

Combined city/highway fuel economy range for vehicles in same EPA vehicle class and fuel economy for most efficient vehicle overall for model year

Technology and fuel type, such as gasoline, diesel, flexible fuel (gasoline-ethanol [E85]), plug-in hybrid (electricity-gasoline), and electric vehicle

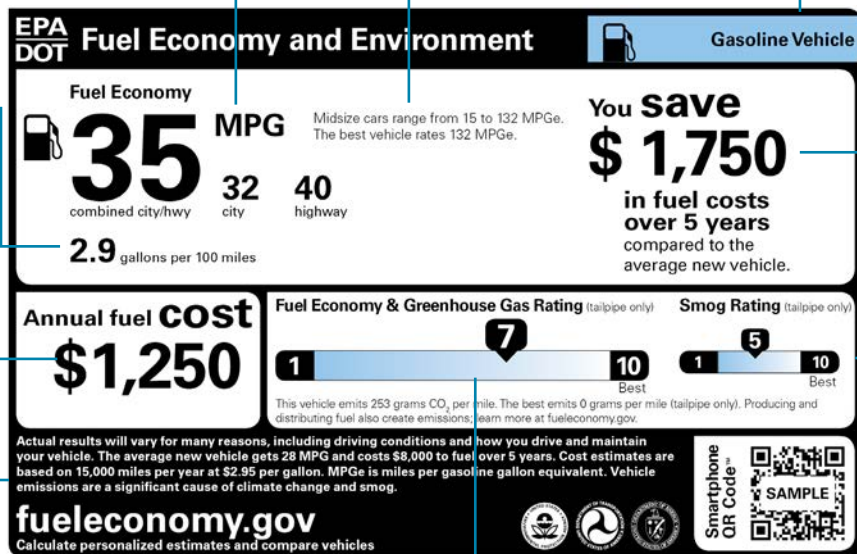
Fuel consumption in gallons per 100 miles in combined city/highway driving

Annual fuel cost based on 15,000 miles per year and an average fuel price

Annual mileage, fuel cost, and other assumptions used to calculate estimates on the sticker

Compares fuel economy and tailpipe greenhouse gas emissions to those of other vehicles of the same model year on a scale of 1 (worst) to 10 (best). Upstream emissions estimates are available at [fuelconomy.gov](https://fuelconomy.gov).

QR Code. Scan the code with your smart phone to link to official information on [fuelconomy.gov](https://fuelconomy.gov) (requires scanner app).



Fuel cost savings or extra expenditure compared to an "average" new vehicle of the same model year (28 mpg for model year 2023)

Compares tailpipe emissions of smog-producing pollutants to those of other vehicles of the same model year on a scale of 1 (worst) to 10 (best)