

Which Plug-in Hybrid Car has the Biggest Boot?

Hybrid cars are a smart option for those seeking a financially and environmentally beneficial vehicle. There are plenty of great choices on the market today.

Cargo space may be the deciding factor. Sufficient boot size is a must-have for families, outdoor types, and those that use their car for work. Researching and comparing boot sizes for all the options is a headache.

We will break down the cargo room for ten plug-in hybrid cars. This list will analyze the boot size of all types of plug-in hybrid vehicles, not just [SUVs](#) or [electric](#). We will discover which plug-in hybrid car has the biggest boot and see which is best for you.

Land Rover Discovery Sport PHEV

The Land Rover Discovery Sport PHEV is a relatively new addition to the Land Rover Discovery Sport family. The Land Rover Discovery Sport is a popular vehicle for off-roading, as well as for families. This is thanks to its large frame and cargo space. The Land Rover Discovery PHEV is a spacious car. It is comfortable with plenty of legroom and interior storage.

Boot space for the Sport PHEV is slightly less than the petrol model. The official figures are measured up to the roofline. When the rear seats are locked in, the Sport PHEV boasts **963 litres** of boot space. The rear seats can be lowered which gives the Sport PHEV **1573 litres** of boot space.

Volvo XC90 Recharge

The Volvo XC90 Recharge is a mid-size luxury SUV that comes in a 5-seater and 7-seater. A perfect plug-in hybrid for families because of the comfort and smooth control. The large, boxy frame of this SUV is great for storage despite the lack of storage compartments.

The 5-seat Volvo XC90 Recharge has **640 litres** of boot space. The 7-seat only sports 292 litres. The 5-seater is ranked second for plug-in hybrid car boot space.

Ford Explorer Hybrid

The widely known Ford Explorer has a hybrid SUV option. The Ford Explorer Hybrid has elite cargo space despite the subpar fuel efficiency. The plug-in hybrid model comes in a 5-seater and 7-seater. The 5-seat Ford Explorer has **635 litres** of boot space. The 7-seat model has only 240 litres of boot space.

DS 7 Crossback E-Tense

French carmaker DS released their first plug-in hybrid SUV, the DS 7 Crossback E-Tense, only a few years ago. Their first attempt at a hybrid SUV has given consumers a luxurious, spacious model. The DS 7 Crossback E-Tense holds up comparably to the petrol counterpart.

With the seats up, the boot size is a respectable **628 litres**. When the seats get tucked in, the Crossback E-Tense sports a whopping **1752 litres** of cargo space.

Hyundai Tucson Hybrid

The Hyundai Tucson Hybrid is a highly regarded hybrid SUV. The hybrid model is one of the top plug-in hybrid SUVs compared to its class. It excels in all the major categories. Boot size is one of its best features. A five-seat SUV, the Hyundai Tucson Hybrid has **616 litres** of cargo space with the seats up and **1795 litres** with the seats down.

Seat Tarraco e-Hybrid

The Tarraco e-Hybrid from Seat prides itself on being a fantastic family SUV. The plug-in model gets built with a safely traveling family as a priority. The Tarraco e-Hybrid is on the larger side of midsize SUVs, especially for a plug-in hybrid. Tarraco e-Hybrid plug-in SUVs are five-seaters with the ability to slide the backbench inward. This ability gives the Tarraco e-Hybrid **610 litres** of boot space.

Volvo V90 Recharge

The first station wagon on the list, the Volvo V90 Recharge is another plug-in hybrid counterpart. This station wagon, or estate car, is a smooth family car that does not compromise. The V90 is a big car relative to other luxury station wagons. Its substantive size makes it a great family load-lugger.

The V90 recharge does not sacrifice cargo space for hybrid capability, a rarity with hybrid models. The Volvo V90 Recharge has a modest boot size of **560 litres**.

Fiat Tipo Hybrid

The Tipo Hybrid is a brand new plug-in hybrid station wagon from Fiat. Like most station wagons, the Tipo Hybrid is a great option for families. It prides itself on its 48-Volt engine with 100% startup. The Fiat Tipo Hybrid wastes no gasoline. It drives smoothly and silently.

As for the cargo room, the Tipo Hybrid has a good amount of space for a station wagon. The boot size measures **550 litres**.

Peugeot 308 SW Hybrid

The Peugeot 308 SW Hybrid is a stylish plug-in station wagon fit for the family. The 308 SW Hybrid is one of the most elegant plug-in station wagons on the market. It is clean and modern

on the inside and outside. It has a small battery which means quick charging. Despite this battery, it is one of the heaviest of its type. The cargo space is a modest **548 litres**.

Opel Astra Sports Tourer Plug-In Hybrid

Opel gives drivers one of the best plug-in hybrid hatchbacks with their Astra Sports Tourer. This plug-in hybrid is perfect for driving in the city. It is efficient, smooth, and stylish. The cargo space of the car was a clear priority in its design. This compact car holds its own against station wagons and midsize SUVs.

The Opel Astra Sports Tourer Plug-In Hybrid has **548 litres** of boot space with the seats up. There are **1574 litres** of cargo space with the seats tucked down.

The Most Spacious Plug-In Hybrid Car

We are in the golden age of electric vehicles. Every major manufacturer is releasing hybrid models of their famous vehicles. This is leading to more competition and more innovation. We are slowly seeing plug-in hybrid cars not having to sacrifice boot space to fit their batteries. The vehicles are only going to become more innovative.

The best plug-in hybrid vehicle in terms of space will depend on your needs. However, in terms of the biggest boot, it is hard to beat the Land Rover Discovery Sport PHEV.

Hissing Noise from Car AC (Causes and How to Fix it)

Air conditioning in a car is commonly one of the first things to give owners major headaches. Car ACs have a wide range of costs and severity of problems. A common symptom that something is wrong with the AC is a hissing sound.

The annoying part is that a hissing sound from the car AC **could either be a legitimate problem or a normal air conditioning noise.**

Why is Your Car AC Making a Hissing Sound?

There are five major potential reasons your car AC is hissing.

Refrigerant Gas in Expansion Valve

If the hissing occurs for a few moments while the car is starting, it could just be the refrigerant gas. This gas is what makes the air cold. The gas moves through the unit and valves. It can cause a hissing noise but usually quiets down.

Refrigerant Leaks

Refrigerant leaks are a legitimate problem for your car AC. These leaks can happen at any part of the air conditioning process. Small holes or broken seals happen for several reasons. Wear and tear and physical damage cause parts of your unit to break down. Essentially, gas is escaping somewhere within your unit.

Bad Condenser Fan Motor

A broken or bad condenser fan will result in a pressure buildup in the AC compressor. There could be debris blocking the airflow for the fan. Without airflow, the AC won't blow cold air. The hissing could be from the blocked airflow trying to squeak out.

Overcharged System

An overcharged system in the car AC means there is too much refrigerant or oil. The excess refrigerant or oil is another way the compressor becomes overwhelmed with pressure. The hissing is the excess gas trying to escape.

Internal Valve Leak

Internal valves in your car AC unit keep the freon pressurized. If there is a leak, there is no cold air. The internal valves are identical to the ones on car tires. Internal valve leaks are common and easily fixed. The leaking pressure will make a hissing sound.

Car Air Conditioning Hissing When Off

Sometimes when you turn the car off, there is a hissing sound. Luckily, this sound is pretty much harmless. The hissing sound from the car AC when the car is off is the car **equalizing pressure**.

The air conditioning unit has low pressure and high-pressure side. The refrigerant moves from each side through tubes and valves. When the car is turned off, the refrigerant needs to equalize. The hissing noise is just the sound of excess gas from one side moving to the other.

What About Loud Fan Noise when AC is on in the Car?

Loud fan noise when the car AC is running is most likely a **bad blower motor**. The blower motor is what turns the fan to blow the air. A bad motor may be working extra hard to blow air because of debris. If the sounds get louder as you crank the AC, you probably have an issue with the blower motor.

The blower motor can be diagnosed and even fixed without a mechanic.

1. Turn the AC up to see if the noise gets louder
2. If it does, find the blower motor under the glove box
3. Check the motor for debris and remove anything you find
4. Reinsert and test if the sound continues

How to Fix Hissing Sound in Car AC

The method of fixing the hissing sound will depend on the severity of the problem. Some of these issues need to be handled by a mechanic.

AC Superseal

An AC super seal is a **DIY solution for refrigerant leaks**. It is an inexpensive option if you have diagnosed it as a leak.

The sealer goes in as a liquid but hardens when exposed to the temperature of the leak. This seals the leak and allows the refrigerant to flow normally.

Air conditioning sealant also has the added effect of repairing metal AC components and flushing out excess moisture living in the system.

Replace the Leaky Valve

If the **Schrader Valve** is leaking, replacing it is a cheap option. Only the Schrader valve can be replaced without a professional. Schrader valves are identical to tire valves. The other type of valve is the ball valve which controls the high-pressure side of the AC. Only a mechanic should handle ball valves.

You can screw off the Schrader valve and check to see if it is the problem. There may be **freon bubbles or excess oil** in the cap. This would indicate that the [valve needs to be changed](#).

Replace the Condenser Fan

A bad condenser fan would be the cause of **high-pressure buildup in the AC condenser**. It is possible to [change a busted condenser fan at home](#). It should only be done if you can guarantee that the condenser fan is broken.

If you check your operator's manual, you can decipher which is the AC condenser fan underneath the hood. If you run the engine and it is not running then it needs to be replaced.

Go to a Mechanic

Seeking a professional to help fix the hissing sound in the car AC is sometimes all you can do. **Overcharged systems** need to be handled by professionals exclusively. You can measure the pressure of your system at home, but only a mechanic can release pressure.

Anytime you are unsure about your car repairability, seek professional help. Mechanics can always diagnose and recommend repairs.

How Much Does it Cost to Fix the Hissing Noise in Car AC?

The cost of repairs will depend on which component of the AC is malfunctioning. Going to a mechanic will cost at least \$100 just to diagnose. Minor repairs will cost up to \$800. Major repairs will be a few thousand dollars.

Sometimes you can repair the problem at home. AC super seal and Schrader valves are cheap. Both can be purchased at a local hardware store.

Compressor problems are always the most expensive repairs. Sometimes it is just best to replace the AC entirely.