Volvo Genuine Batteries



Today's Volvos have over 60 systems and components that consume electrical current, and several of them require power at the same time. This puts great demands on the vehicle's battery; that's why Volvo batteries have been designed to use the entire battery potential in an optimal way. Because of this, the car will offer full functionality for a long time.



VOLVO OFFERS THREE DIFFERENT TYPES OF BATTERIES

Absorbent Glass Mat (AGM) batteries are specially designed for higher power demands. They have a much longer service life and are more durable than flooded batteries.

Volvo Flooded Batteries have a longer lifespan than most other conventional flooded batteries thanks to the PowerFrame technology. The PowerFrame grid is designed for maximum flow of current, enabling faster recharge and optimal conductivity. The design ensures there is more lead where electrical current is greatest.

The **Enhanced Flooded Battery (EFB)** is a newly developed technology with a performance level in between AGM batteries and conventional Flooded batteries. The EFB is significantly tougher than the conventional flooded battery and approaches AGM batteries' performance in terms of robustness and withstanding energy cycling. EFB batteries were also designed to operate at a discharged state throughout their life span and still give the power that is needed for the high electrical loads during the start/stop cycles.

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PROPER TESTING

Volvo batteries are carefully tested. The Cold Cranking Amperage (CCA) is tested so that the battery can deliver on 100% of its capacity for 30 seconds at a temperature of -18°C/-4°F. The starting current is tested down to -30°C/-22°F both in a laboratory setting and in the actual cars in cold climate chambers – the ultimate test for suitability.

A car battery often lasts 4–6 years, but no one can tell exactly when it will be worn out since it depends on driving conditions, usage pattern and season.

CLIMATE

Temperature affects the battery's performance in many ways. The colder it is, the greater demand is placed on the battery to start the car. Excessive heat shortens the life of the battery. So, no matter the climate, it is necessary to check batteries on a regular basis.

SELF-DISCHARGE

A certain degree of self-discharge is constantly taking place in a battery. Certain systems and components, such as the alarm, require current even when the car is parked. If a battery is not going to be used for an extended period, it should be left fully charged.

START/STOP CARS

With start/stop vehicles, the engine is switched off during short stops – at traffic lights, for example – to save fuel. Two AGM batteries are required for most start/stop cars. The small AGM battery (the support battery) is kept charged by the systems and should have a long lifetime due to its limited usage.

FACTORS THAT INFLUENCE THE DURABILITY OF A BATTERY:

- Store batteries in a cool and dry place. The optimal average temperature is 15°C (60°F).
- Use the "first in, first out" principle for batteries in stock.
- Do not store the battery in a discharged state since it is much more vulnerable when it is not fully charged.
- If a car is not going to be used for a month or longer, make sure the battery is fully charged.
- Do not overload the battery. If the engine does not start immediately, let the battery rest for a few seconds before the next attempt to start the car.

SELLING POINTS FOR VOLVO GENUINE BATTERIES

1. Technology Designed Around Needs: An AGM battery is specially designed for extra high-power needs and has a longer service life than a flooded battery.

2. The Best Performance: A Volvo Genuine battery is engineered for reliable performance in each specific Volvo model. The Volvo batteries tend to have better cold-start performance than most conventional batteries.

3. Longer Service Life: The Volvo flooded batteries have a longer lifespan than most other batteries thanks to the PowerFrame technology. AGM batteries have the longest service life under the same conditions and a very low self-discharge. That makes them ideal for cars that get little use and for cars with additional equipment that require extra power.