

Polestar Engineered Optimisation product sheet

XC40 B5 Drive-E AWD Automatic 2025

Article number: 32363780

Owners package: 32378969



Increased performance and Volvo Original Warranty

The Polestar Performance Optimization improves the performance of your Volvo. It makes the car more precise and active to drive and it increases safety in situations where you need extra performance, for example when overtaking or entering a busy highway. All this without increasing the certified fuel consumption, emissions or affecting the Original Warranty of your Volvo.

Fuel consumption and environment

A Volvo with the Polestar Performance Optimization has the same certified fuel consumption as the standard version. This is possible thanks to our efficient programming of the engine, which only increases the power output when it is needed, when passing or when driving up long uphill gradients or with heavy trailers. This also means that the environmental impact of the vehicles remains unchanged and is maintained within the limits of the certified emissions.

Improved performance and safety

The Polestar Performance Optimization provides your Volvo with optimized performance and better torque in the range the engine most often works in. Our racing drivers call this improving the car's drivability. They want the car to be optimized for racing, you want the car optimized for driving on streets and roads. The hands of a driver with good judgement result in better engine performance and increased passive safety in traffic.

Fast and easy to install at your Volvo dealer

The Polestar optimization is installed by your Volvo dealer. The work can easily be carried out in connection with a regular service, a tire change, installation of Volvo accessories or reconditioning. As with other Volvo Original Accessories, the Polestar Performance Optimization can increase the resale value of your Volvo.

Purchase Reference

When visiting your Volvo dealer quote the following references to describe the product you refer.

Power Mid-Range (hp)

Original: 132

Optimised: 141

Power Mid-Range (kw)

Original: 98

Dynamic power optimised: 106

Peak Power (hp)

Original: 247

Dynamic power optimised: 252

Peak Power (kw)

Original: 182

Dynamic power optimised: 186

Power Peak max (rpm)

Original: 5400

Optimised: 5500

Power & Torque Mid-Range max starting from rpm shown.

Original: 258

Dynamic power optimised: 280

Torque max (rpm)

Original: 1800

Optimised: 3900

Acceleration 0-100 km/h (s)

Original: 6.4

Optimised: 6.3

What is Dynamic effect?

The Dynamic effect will generate up to 20 seconds of more power in the mid-range, peak power and torque. This effect is not considered or measured in the certification process.

What is Certified effect?

The Certified effect is the value generated in the WVTA (Whole Vehicle Type Approval).