



VOLVO GENUINE WINDSHIELD

Volvo Car Canada Statement on Windshield Replacement

Using Volvo genuine parts combined with Volvo repair knowledge, training and specialized equipment is a secure way to preserve the safety and structural integrity offered in every Volvo car

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Volvo Genuine Windshield

Volvo Car Canada's Statement on the Replacement of the Windshield

The windshield is an integral part of the design of Volvo vehicles. It serves key roles in increasing the structural integrity of the body and in supporting the function of Volvo's IntelliSafe active safety system. As such, Volvo Car Canada recommends that all windshield replacements on Volvo vehicles be performed according to Volvo standards, at an certified Volvo facility, using only a Volvo genuine windshield and Volvo genuine adhesive.

Precise Engineering for your Volvo

Volvo Car has designed the windshield to meet very precise requirements which are critical for both driving comfort and safety. By providing an undistorted view for the driver, and by supporting the unique design requirements on vehicles with a Graphical Heads-up Display, a Volvo genuine replacement windshield ensures comfortable vehicle operation. As a critical structural component of the vehicle, a Volvo windshield serves a key safety function by enhancing the overall strength of the car. A precise fitment, using a Volvo windshield and adhesive is therefore a critical safety consideration.

Volvo Car cannot verify if a non-Volvo windshield and windshield adhesives are being manufactured to the exact specifications Volvo requires and this may effect the performance of both active and passive safety systems.

Supporting the IntelliSafe Active Safety System

The windshield is vital for the correct function of the IntelliSafe active safety system. The camera and radar sensors are located inside the upper edge of the windshield and they are sensitive to optical and geometric variations in the glass. These sensors must have an undistorted view in front of the car to work optimally, and to achieve this, Volvo Car has outlined precise requirements for the thickness of the glass, glazing material and optical quality all of which must be optimized for all viewing angles.

Using a non-Volvo windshield that doesn't meet the precise specifications outlined by Volvo Car may compromise the function of the IntelliSafe active safety system.

The Benefits of a Volvo Genuine Windshield and Volvo Genuine Adhesive:

- Structural integrity is maintained without compromise, ensuring the body of the car maintains the same strength as when it was assembled at the factory.
- IntelliSafe continues to function optimally, as designed by Volvo Car engineers.
- A Volvo approved method for the calibration of the IntelliSafe system is used, ensuring the proper function of the optical, distance and radar-based sensors.

Non-certified repair facilities who do not have specialist tools, training and knowledge, may find it difficult to properly install a Volvo windshield to Volvo standards, and may not be able to re-calibrate the active safety systems properly.

When replacement is necessary, only Volvo windshield parts installed by a certified repair facility can ensure the car continues to function as intended by Volvo Car.

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