



VOLVO GENUINE WINDSCREENS

The windscreen is one of the most important parts of the car. Not only should it ensure an undistorted view of what's in front of you – it is also a critical component for the structural strength of the car body. This means that the installation process for windscreen replacement has to be very thorough and carried out with Volvo specified material in order to retain the designed properties. Using the right product, method and material also guarantees that no leakage will occur.

There are many variants of windscreens and it is crucial to get the right one when replacing so as not to compromise any of the safety systems that are dependent on the windscreen. Installing a Volvo Genuine windscreen will ensure retained function as designed.

Using Volvo-specified adhesives will bond the windscreen to the same strength as when assembled in the factory, and also provide a minimal safe drive-away time. That the bond has the right strength is crucial for the function of the passenger airbag (which is designed to use the windscreen as a support when deployed), and also for the overall rigidity of the body.

WINDSCREEN PRODUCT FEATURES

The windscreen must meet numerous legal requirements in order to get a certification. Some of the properties specified are: mechanical strength, form, light transmission, optical distortion, secondary image, colour identification and resistance to temperature changes. Volvo considers these specifications to be basic and goes much further in certain areas in order to support some of our safety features.

The windscreen is a part of (the function of) at least 12 safety systems. Some of them are extremely sensitive to optical tolerances, glass thickness and mass. For example, the software for City Safety is fine-tuned for each variant of windscreens and needs extreme tight optical tolerances to function as intended. There is a risk that it will not function properly with any other windscreen.

When replacing the windscreen, it is of course just as important that all features function as intended and expected. At a Volvo workshop, all required operations are known and carried out and using the necessary systems to reassure that everything is put back in working order. For example, it is necessary to calibrate the Forward Sensing Module in order to secure the functionality of Collision Warning with Full Auto Brake and Pedestrian Detection, when a windscreen has been replaced.

THE FOLLOWING SAFETY FEATURES AND SYSTEMS WORK TOGETHER WITH THE WINDSCREEN:

- City Safety
- Adaptive cruise control
- Collision warning with pedestrian detection
- Driver alert system
- Lane keeping aid
- Traffic sign information
- Ready alert brakes
- Active high beam
- Alert lights vs Low beam activation
- Prepared seatbelts and airbags
- Passenger airbag force distribution
- Structural body support





SELLING POINTS FOR VOLVO WINDSCREENS

1. YOU ARE ASSURED THAT YOU GET THE RIGHT WINDSCREEN, INSTALLED IN THE RIGHT WAY, KEEPING THE SAFETY SYSTEMS WORKING AS DESIGNED (E.G. CITY SAFETY)

When installing a Volvo Genuine Windscreen at a Volvo dealer, you know you get the product specified for your car and mounted in a way that guarantees that all the built-in safety is retained.

2. PRODUCTS AND REPAIR METHODS HAVE BEEN DESIGNED TO HAVE THE SHORTEST SAFE DRIVE-AWAY TIME (3 HOURS AFTER FITTING)

Parts and methods are developed and tested for your Volvo. And you can rest assured that original safety and quality is retained.

3. VOLVO GENUINE WINDSCREENS PROVIDE A PERFECT FIT AND ARE COVERED BY WARRANTY WHEN VOLVO PRODUCTS AND METHODS ARE USED

The perfect fit, the right methods and Volvo adhesives assure easy installation and a strong bond with no risk of leakage.