

VOLVO GENUINE WIPER BLADES

The job of the wiper blades is to remove water and dirt from the windscreen, and to do this properly in all conditions – in all weather and at all speeds. Since wiper blades are so critical for visibility, they should be considered as an important safety feature.



WHY CHOOSE VOLVO GENUINE WIPER BLADES FOR YOUR CAR?

1.

Among the highest levels of graphite for better contact with the windscreen.

The rubber in Volvo Genuine wiper blades have a graphite layer which decreases friction and noise and increases the life of the blades. The result is better visibility and a reduced risk of noise and vibration. Volvo wiper blades contain some of the highest level of graphite.

2.

Clear visibility thanks to smooth and steady wiping action in all weather and at all speeds.

Volvo Genuine wiper blades have the right properties for good durability and optimum wiping performance in both hot and cold conditions. They have been designed for optimized pressure distribution along the blade, combined with a careful choice of materials and engineering precision.

3.

Carefully tested for optimum performance on all Volvo Cars.

Volvo Genuine wiper blades have been carefully tested before approval, both in laboratories and on test cars. Genuine Volvo wiper blades are tested for wiping performance in all driving conditions. To ensure ideal performance, Volvo's engineers review rubber hardness, durability, mechanical resistance, performance in temperature extremes and resistance to corrosion, ozone and chemicals, all to ensure the wipers offer perfect performance.

DEMANDS ON VOLVO GENUINE WIPER BLADES

Rain, snow, muddy roads, high speeds – wiper blades must be able to perform well under a variety of conditions. Considering that approximately 20% of all road accidents are related to a lack of visibility, it also becomes clear that windscreen wipers must be seen as vital safety components.

It is important that Volvo owners follow the recommendation to check their wiper blades twice a year and change their wiper blades once a year.

Wiper blades wear as a result of usage on wet, icy or dry surfaces; but especially as a result of being exposed to the UV radiation of sunlight.

This applies even if the wiper blades haven't been in use much, since the ageing of the rubber affects wiping performance. As the rubber ages, it becomes harder, resulting in deteriorating wiping performance. Lines of water on the windscreen, vibrations, noise, smears and the inability to remove dirt properly can impair the driver's view and compromise visibility and consequently, driving safety.

It's not just the driver that has to have a clear view out of the windscreen. Autonomous driving technologies like City Safety, Collision Warning and Lane Keeping Aid need to have a clear view out of the glass to be able to monitor accurately traffic and road patterns.

Volvo Genuine Wiper blades are tested to ensure they have been engineered with the ideal:

- Rubber properties (hardness, elongation, staining)
- Wiping performance (on stationary cars and at highway speeds)
- Durability at reduced wiping angle
- Structural and mechanical resistance (lateral force, impact)
- Performance in hot and cold conditions
- Resistance to corrosion, ozone and chemicals

The rubber in Volvo Genuine wiper blades also has a graphite layer which decreases friction and noise and increases the life of the blades. There is also an integrated spoiler that helps secure contact with the windscreen under higher speeds.

Replace your wiper blades every 12 months no matter how many miles have accumulated on your car. .

Ensure your glass stays clean. For the ultimate in windscreen visibility and performance, only utilise Volvo Washer Fluid. It provides a superior clean on both glass windscreens and plastic headlamps without damaging and fading of plastic components. It remains in solution and wont clog washer nozzles over time.

INDEPENDENT TEST OF WIPER BLADES

To investigate the quality of wiper blades, a large daily newspaper in Sweden commissioned an independent research company to test the most common wiper blades on the Swedish market.



Four separate laboratory tests were conducted on wiper blades for a Volvo S40. The following characteristics were tested:

- Cleaning – how clean does a dirty surface become after being wiped by the blades?
- UV radiation – the rubber is aged, dried and cracked by sunlight, but by how much?
- Cold – a wiper blade should be just as soft in frigid temperatures. Is this the case?
- Wear and tear – different wiper blades wear differently depending on quality and external influences. How well did the blades do?

The most important test is the one that examines the effectiveness of cleaning. After spraying the windscreen with a mixture of fine

sand, coal dust and distilled water, the wipers were turned on (a normal test method for simulating road dirt). The amount of light that penetrated the windscreen – in other words, the amount of dirt that is left – was then measured in the laboratory.

The undisputed winner of this test was the Volvo Genuine wiper blade which obtained the maximum score of five points. When it came to resistance to sunlight, the wiper blade that was by far the most expensive did best, but it had problems when it came to withstanding the cold.

Generally speaking, the results were fairly good. At the same time, Volvo Genuine emerged as the clear-cut winner, with an average score of 4.6 on a five-point scale.

(Source: Goteborgs-Posten 2006)

NEW TEST IN 2012 CONFIRMS THE SUPERIOR PERFORMANCE

In February 2012, Volvo Cars' R&D department tested Volvo Genuine wiper blades against a number of competitor products at the Hällered proving ground in Sweden. This internal test clearly showed that Volvo Genuine wiper blades performed better than non-genuine products when tested under real conditions.