

V O L V O

Volvo Genuine Brake Discs



The brake disc is an integral part of the complete vehicle braking system. Its function is to transfer kinetic energy into heat via friction between the disc and brake pad. The disc is connected to the axle and is clamped up during braking by the brake pads in a caliper to slow wheel rotation.

The brake system needs to be able to withstand high temperature differences and extreme weather conditions. The brake pad together with the Volvo brake disc will deliver solid brake performance and minimize comfort issues such as brake noise and vibrations.

BRAKE DISC PRODUCT FEATURES

Brake discs are designed with strict requirements in areas such as run-out, thickness and balance to minimize failures. Brake disc size is determined by the vehicle performance and weight, and today, all brake discs on the front axle are ventilated. In some cases, discs on the rear axle are also ventilated. The ventilated discs cool down much faster than non-ventilated discs, providing higher braking capacity.

Ordinary metals would easily be deformed or melted at high temperature, but the brake discs are made from cast iron and highly resistant to extreme temperatures. Because Volvo Cars wants what is best for our customers, we design the brake discs in-house. The material is bought from outbound suppliers and delivered to Sweden where the discs are processed into perfection.

CUSTOMER SAFETY

Brakes are important to safety and interact with our sophisticated systems and software to ensure the intended safety performance of our cars.

Today, when the cars are equipped with so many technical features, it's crucial to use Volvo Genuine Parts in order to be able to trust the system. With the wrong hardware, you can't trust the software!

The thickness of the brake disc and pads is checked at every normal service. How often brake discs should be replaced depends on driving habits and conditions. In most cases, it may be suitable to replace the brake discs every third service, but front brake discs may wear sooner due to normal brake force distribution.

SELLING POINTS FOR VOLVO GENUINE BRAKE DISCS

1. They are developed and tested by Volvo ensuring original safety and quality is retained. Volvo Genuine Brake Discs have been extensively tested and are manufactured with exact tolerances. The center hole of the brake disc is exactly dimensioned for accurate centering on the hub eliminating vibrations.



2. The brake discs act as the software expects. The braking system is a sophisticated system built to work with the Volvo software. With more advanced safety technologies interacting with the brake system, such as City Safety, the more important it is to use Volvo Genuine brakes. With the wrong brake parts, the system may not perform properly.