



HEAVY FACTS

Genuine Volvo Parts

Volvo bumpers for the Volvo FH, Volvo FM and Volvo FMX models

The Volvo bumper is a part of the lower front structure of the truck. It is available in three variants: plastic, steel and reinforced steel (sturdy variant). It's designed to work harmoniously with the whole Front Underrun Protection (FUP) system, to give the truck a unique look, and to carry the Volvo Trucks brand identity. It is also designed to offer the best protection to the truck's most vital components, such as the front lights and radiator. Together with the Front Underrun Protection (FUP), it is a key component for crash compatibility.



FEATURES

- Safety, improved crash compatibility
- Maintainability, perfect fit
- Weight, lightweight solution available in plastic
- Aerodynamics, the bumper spoiler is designed for better airflow
- Robustness
- Ergonomics, equipped with footstep

BENEFITS

- Lower risk of damage to the vehicle and road users
- Takes less time to change components
- Opportunity for bigger payloads (Volvo FH, Volvo FM)
- Lower fuel consumption (Volvo FH, Volvo FM)
- Reliable, long life, maximum protection of vital parts (Volvo FH/FH16 Sturdy, Volvo FMX).
- Easier access for windscreen cleaning with fixed front step (FH/FH16 Sturdy).

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Technical description

The bumper is designed in three pieces for easier replacement and to support better maintenance. The middle part also acts as a mount for the registration number plate.

Heavy-duty bumper for Volvo FH/FMX

The Volvo FH heavy-duty bumper and the Volvo FMX bumper are reinforced with robust steel structures to withstand rough conditions and make the truck more suitable for rugged roads and rougher applications, such as construction work and timber transportation.

The bumper's middle part has an integrated step for cleaning. The FMX bumper is made of steel. It's constructed in three parts with visible, easy-to-undo attachments. This makes it easy to change any part that gets damaged. The steel bumper is also covered by a thick polypropylene coat that returns to its original shape if damaged.

Front Bumper Spoiler for Volvo FH & Volvo FM

The spoiler is fitted beneath the bumper, where it acts as an air deflector. It helps reduce air resistance and lower fuel consumption. It is available with the plastic bumper and optimized for use on chassis heights High and Medium. An additional type of Bumper Spoiler is available as an accessory, with a flexible rubber extension that can be mounted under the bumper. This bumper spoiler can be ordered either grained or painted with primer. The extension is made from black rubber.

The difference

Volvo bumpers are designed meticulously to withstand impacts without damaging the front of the vehicle. This contributes strongly to our position as a leader in passive safety.

Three variants are available:

- The Plastic bumper for lightweight solutions (BUMP-B), available either in cab colour or lightning grey from production. (After sale, it is supplied unpainted.)
- The Steel bumper (BUMP-B2) to withstand minor impacts.
- The Heavy Duty Sturdy Steel bumper for rougher conditions and an extra-robust front (BUMP-HD).
- The bumper spoiler either with or without extension can be offered as accessory (BUMP-SP).

The reinforced front of the Volvo FH Sturdy makes the truck more suitable for rugged roads and rougher applications, such as construction work, mining operations and timber transportation.

Extensive Testing

Volvo bumpers are designed according to the latest Front Underrun Protection (FUP) regulations (European regulation ECE R-93) and tested to fulfil reliability, durability and vibration requirements, and crash compatibility.

Volvo bumpers are installed on rigs for component tests. They are also installed on different field test trucks all over the world, and tested in everything from dusty mining environments to city distribution and long-haul assignments. Virtual methods for design and verification lead to full validation in an X-functional team, where the full function of all surrounding components is secured. The Volvo FH Sturdy bumper is tested using the same procedures and requirements as Volvo FMX bumpers.

Service

The bumper is designed in three pieces that can be replaced and maintained efficiently (please see service information in Impact, group 86). From a service point of view, a bumper constructed in three pieces is preferable to a single part as often, in an impact, only one corner is damaged. Service and repair operations can be found in Impact, group 861.

Recommended additional parts

Volvo Genuine designed Spoilers can be ordered as accessories to improve the aerodynamics of the front of the vehicle (only for Volvo FH and Volvo FM – not for the sturdy Volvo FH or Volvo FMX).

VOLVO

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