



Volvo Buses. Driving quality of life

VOLVO B11R

Built to perform



THE SAFER CHOICE

Presenting the Volvo B11R

The Volvo B11R is the backbone of a good coach business. Whether your need is a luxury coach or an untiring line-hauler, the B11R will exceed your expectations. The highly fuel-efficient Euro 6 engine will cut your operational costs, while Volvo's reliable technology ensures superior functionality, safety and lifecycle productivity.

The cornerstones of a **PREMIUM COACH**

The versatile Volvo B11R provides everything you need for creating an attractive and profitable coach. Ride comfort and excellent performance will keep your passengers satisfied.

Premium performance

Excellent performance, road handling and driveability make it a pleasure to drive, while your passengers will enjoy a swift and smooth ride.

Cleaner power from your fuel

Our 11-litre engine combines fuel efficiency and Euro 6 exhaust aftertreatment with uncompromised power, elasticity and solid torque.

The safety architecture

The Volvo B11R is built to support the driver's ability to drive safely and avoid incidents. A perfectly balanced chassis and solid power resources make for predictable and consistent road behaviour.

The driver's dream

The Volvo B11R is simply great to drive, offering solid power and excellent handling with the unique Volvo Dynamic Steering.

Keeping uptime up

Uptime is a Volvo hallmark and is built-in from the start. And it's supported by our global service network and efficient logistics for parts supply – anywhere in the world.

Drive safely

The Volvo B11R offers unique systems for driver assistance. Collision Warning with Emergency Brake, Adaptive Cruise Control, Lane Keeping Support and the world's-first Volvo Dynamic Steering.

Environmental performance

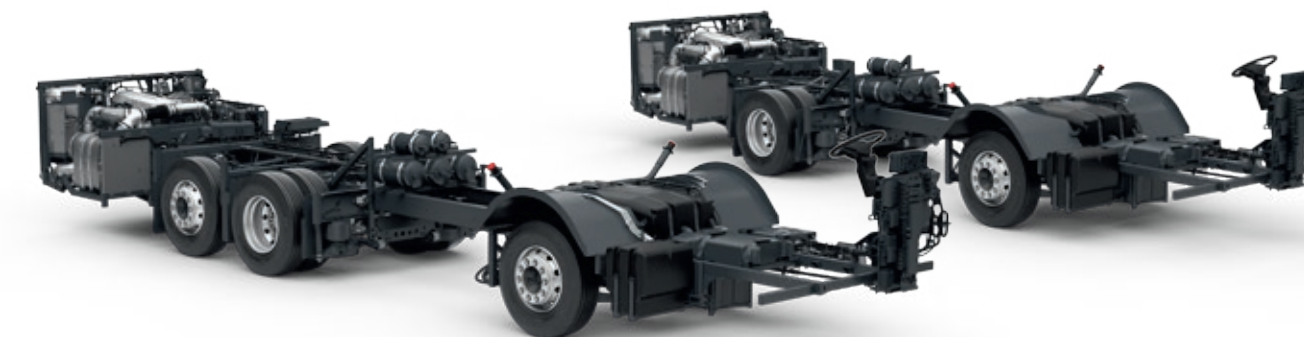
At Volvo Buses we continuously develop technology and services to improve our vehicles' environmental performance and help reduce the footprint of your operation.

Business in partnership

Our promise is to be your best business partner, with services to maximise uptime, reduce lifecycle cost and facilitate the management of your fleet.

Versatile in application

The Volvo B11R comes in 2- or 3-axle version, with several power ratings and with rigid or independent front suspension. Create your own Volvo.



The Volvo B11R can be specified with features, such as Dynamic Chassis Lowering, the I-See fuel-saving feature and the unique Volvo Dynamic Steering.

UPTIME AND PRODUCTIVITY

Keeping performance AT THE TOP

We know that in your business, every minute and every mile counts. Proven Volvo technology and extremely durable mechanical design ensure reliability and a long service life. Maintenance is swift, service intervals are long and with Genuine Volvo Parts your Volvo remains a Volvo. Add services such as Vehicle Management, Service Contracts and Driver Training, and you can count on what matters: uptime 24/7.

A worldwide service network

Lasting productivity starts with optimised preventive maintenance. Our widespread service network, with over 1500 service stations globally, and swift logistics enable us to offer a wide range of service solutions – to ensure lasting quality.

Sign up for a Service Contract

With our Service Contracts you get a service plan optimised for your business. Operational conditions such as mileage, climate, average speed, number of stops and so on determine the solution. The result is maintenance exactly when needed, and assurance that only Genuine Volvo Parts are used – fitted by experts.

Vehicle Management

Optimise vehicle availability and avoid unplanned stops even further. Through on-board telematics you know exactly how much and under what conditions your fleet is running, allowing you to adapt your maintenance and optimise your operation.

FUEL EFFICIENCY

Efficiency beyond Euro 6

Fuel cost is crucial. Our 11-litre Euro 6 engine is powerful, yet very fuel-efficient. And in combination with smart features and services for fuel saving it is fully possible to reach two-digit figures for fuel saving. Bottom line profit from day one.

The smarter route

One exciting new feature is the I-See system. It registers the topography of the road and by memorising hills and slopes, it can optimise acceleration, gearshifts and braking. I-See can help save up to 2.5% of fuel when driving with cruise control on recurring routes.

Coach your driver

I-Coaching is a real-time device supporting your driver with instant feedback on crucial driving parameters, such as excessive acceleration, braking and cornering, as well as over-revving, idling and speeding. Continuous on-the-job training helping to drive more safely, fuel efficiently and comfortably.

Driver training is profitable

Experience shows that even the most capable drivers benefit from a professional training programme. A lasting effect of 3–7% reduced fuel consumption is often the result, and in addition the smoother driving means improved passenger comfort.

When fuel consumption goes low

With Dynamic Chassis Lowering, at speeds above 80 km/h the vehicle is lowered by 20 mm to improve aerodynamics and reduce fuel consumption. Below 70 km/h the vehicle rises once again.

With Fleet Management you can reduce fuel consumption and optimise your fleet's performance. The detailed reports allow you to trace and explain variations in fuel consumption. When you know the reasons, it's easy to take action.



Relax in VOLVO SAFETY

Going by coach is the safest way to travel on the road. And with a Volvo you benefit from our continuous research and development committed to our safety vision: zero accidents with Volvo products. Helping the driver avoid situations that might lead to the risk of an accident is a given priority.

In a Volvo B11R, safety is built in from the very start. Its predictable road behaviour, advanced braking system and unique systems for driver support help cope with any foreseeable situation. It's because we regard handling, braking capabilities and driver performance as integrated, interacting safety factors.

The driver's dream

The Volvo B11R offers more driving pleasure and comfort than any other coach. With Volvo Dynamic Steering, the powerful engine and I-Shift transmission, the ride becomes a rewarding experience.

A better workplace

High engine torque across a wide rev range ensures dependable acceleration for safer overtaking and a maintained high average speed. The new version of the Volvo I-Shift transmission gives faster gear changes, which improves ride comfort and reduces fuel consumption.

Collision Warning with Emergency Brake detects the vehicles in front and warns the driver when there is a collision risk. If the warning is ignored it is escalated and first followed by gentle braking, and then by emergency braking with maximum retardation.

Lane Keeping Support monitors the lane markings and alerts the driver when the risk of an unintentional lane departure is identified. The warning is given as a vibration in the seat, or as an acoustic signal.

Adaptive Cruise Control detects slower vehicles in the lane you are occupying, and adjusts your speed in order to maintain a safe distance.



On-the-job training. Why not opt for our I-Coaching service which gives instant feedback to the driver and supports continuous improvement in driving performance.



VDS - a world-first for unique driving comfort. Volvo Dynamic Steering gives totally effortless driving at low speed and supreme stability out on the road. Automatic return-to-zero, even when reversing, takes a lot of strain and wear out of driving.

Services for BETTER BUSINESS

As your business partner we can provide more than our first-class vehicles. You also get a global service network – yet with a single point of contact, taking full responsibility for all chassis and driveline-related matters. But it doesn't stop there. Volvo also offers a range of value-adding services from which you can choose, combining them to create an optimised solution.

Global service network

Your vehicles and your business are always in good hands thanks to more than 1,500 service centres all over the world.

Service Contracts

Substantially reinforce uptime and availability, at a specified monthly rate.

Parts Supply Contracts

Availability of Genuine Volvo Parts and optimisation of your spare parts stock based on prediction and follow-up.

Financing

Competitive financing solutions, perfectly suited for your business situation.

Volvo Action Service

Worldwide assistance, multilingual phone support and a range of assistance services open 24/7.

I-Coaching

Instant feedback generates cost reduction through lower fuel consumption and reduced wear. Improved passenger comfort.

Driver Training

Identifies need for improvements and provides practical training.

Vehicle Management

Keeps track of mileage, usage, wear and technical alerts. On-line and in real-time.

Fleet Management

Real-time monitoring and clear reports make it possible to track fuel cost, emissions, driving behaviour and position for each vehicle in your fleet.

Volvo speaks your BODY LANGUAGE

With the Volvo B11R you give your bodybuilder the best possible start. Regardless of application, you get a strong, rigid framework on which it is easy to build a stable, weight-efficient body structure. All service points are located for simple and swift maintenance, and since it's a Volvo you'll find the highest material quality in every detail.

The Volvo B11R is available in two- and three-axle versions with a length of up to 14.3 m and maximum GVW of 26.5 tonnes. You can also choose between conventional or independent front suspension and fuel tank capacity of up to 720 litres.



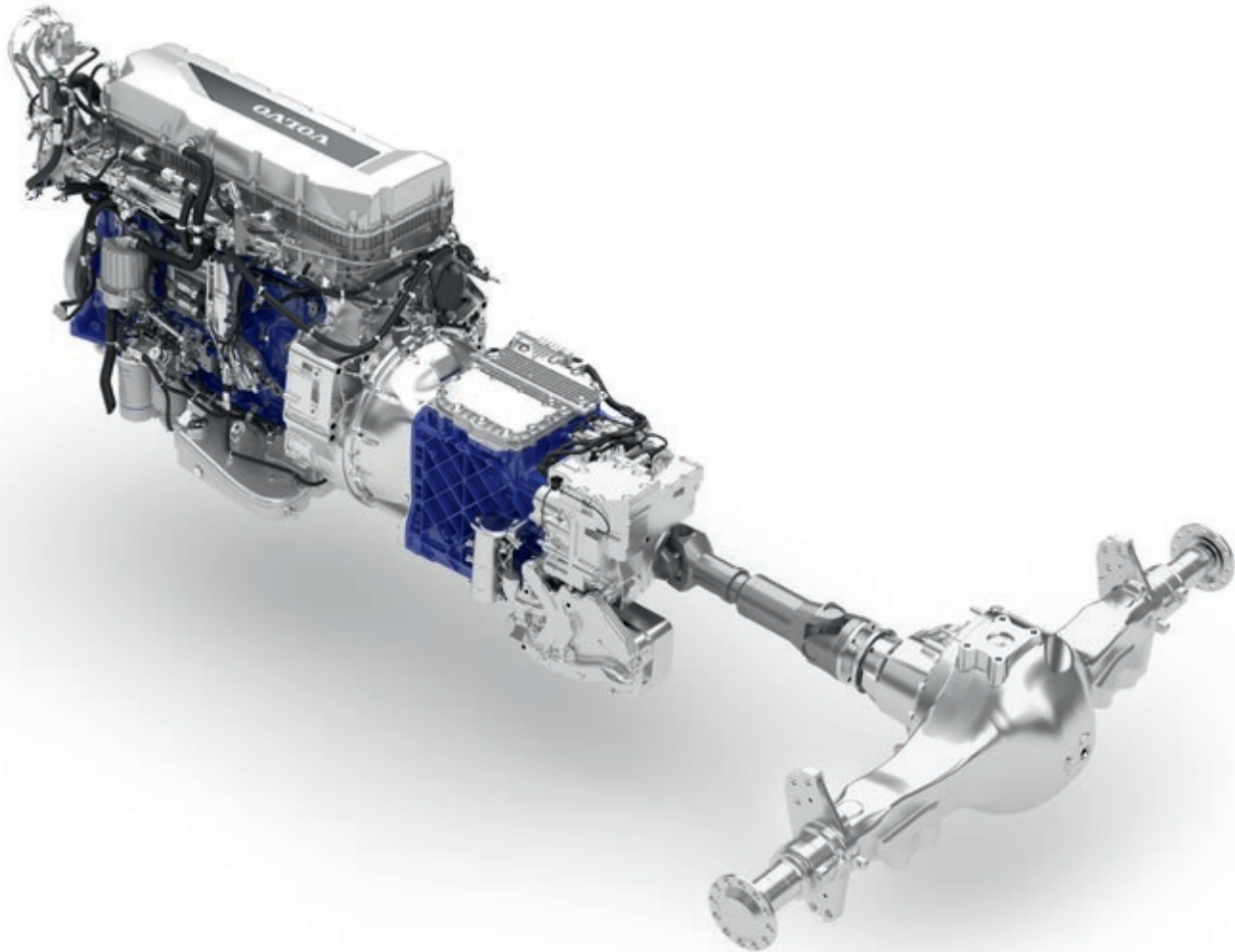
Volvo's warranty policy truly makes the B11R a safer choice. It covers all chassis-related warranty claims – including engine and transmission. What's more, all Genuine Volvo Parts come with a 12-month fitted warranty.

IT'S VOLVO POWER

Our highly fuel-efficient D11K engine comes in power ratings up to 460 hp and 2200 Nm of torque. It's a genuine Volvo engine which means full commonality with Volvo Trucks when it comes to the parts and service network.

The power is put firmly onto the tarmac by the Volvo I-Shift automated gearbox and an optimised single reduction rear axle. Volvo I-Shift features optimised software and temperature-controlled lubrication contributes to reduced fuel consumption.

A retarder makes for optimised deployment of engine braking, thus reducing brake pad wear. The rear axle is one of the most durable ever built, and depending on type of operation the service interval is up to 400,000 km.



The HVO certified Volvo D11K is the heart of an extremely reliable and durable driveline which combines power, torque and elasticity in driving.

FACTS AND FIGURES

Model	B11R			
	4×2 RFS	4×2 IFS	6×2 RFS	6×2 IFS
Dimensions and weights				
Overall chassis length approx. (m)	10.4–13.7	10.3–13.1	11.3–14.2	11.2–14.2
Approved wheelbase (m)	5.0–7.7	5.0–7.2	5.0–7.4	5.0–7.4
Overall width (m)	2.5	2.5	2.5	2.5
Permitted GVW (kg)	19,500	19,500	24,750/26,500	24,750/26,500
Powertrain				
Engine: 6-cyl diesel. HVO certified.	Volvo D11K Euro 6	Volvo D11K Euro 6	Volvo D11K Euro 6	Volvo D11K Euro 6
Output [hp]	380, 430, 460	380, 430, 460	380, 430, 460	380, 430, 460
Torque [Nm]	1800, 2050, 2200	1800, 2050, 2200	1800, 2050, 2200	1800, 2050, 2200
Transmission:	Volvo I-Shift AT2412F			
	ZF 6AP2000C (only 380 hp)			



Axles, suspension and steering	
Front axle	Volvo Rigid or Independent Front Suspension.
Rear axle	Volvo's single reduction axle with optimised ratios.
Tag axle	Hydraulically steered or fixed.
Suspension	Electronically controlled air suspension with kneeling function available on all variants. Dynamic Chassis Lowering available as option.
Power steering	Hydraulic power steering. Volvo Dynamic Steering (VDS) available as option.
Steering wheel position	LHD/RHD
Tyres	295/80 R22.5" 315/80 R22.5"
Rims	Steel or aluminium rims available.

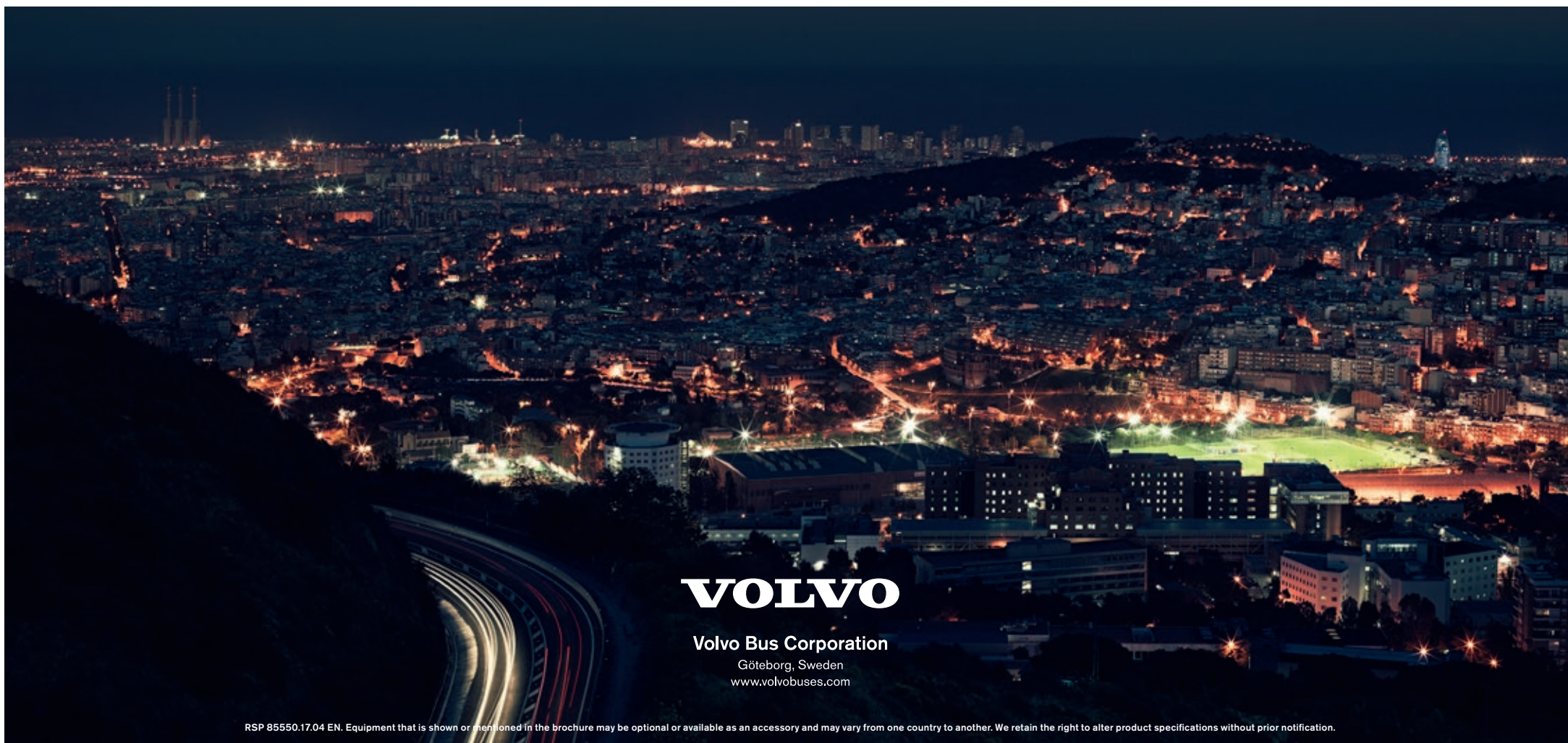
Brakes
Volvo Electronic Braking System (EBS) with integrated Anti-lock Braking System (ABS), Brake Blending, Hill Start Aid, Brake Assist. Volvo Electronic Stability Program (ESP) and built-in hydraulic retarder available as standard. Collision Warning with Emergency Brake.

Frame
Precision-built, strong, durable frame made of carbon steel. C-profile beams with flat, bodybuilder-friendly upper surface.

Driver's environment
Components such as the adjustable steering wheel, instrument cluster and the placement of the foot pedals provide the foundation for an ergonomic driver's environment. Volvo instrument cluster with enhanced HMI.

Tanks	
	B11R
Diesel (L)	220–720
AdBlue (L)	48, 64
Transport (L)	50

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VOLVO

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