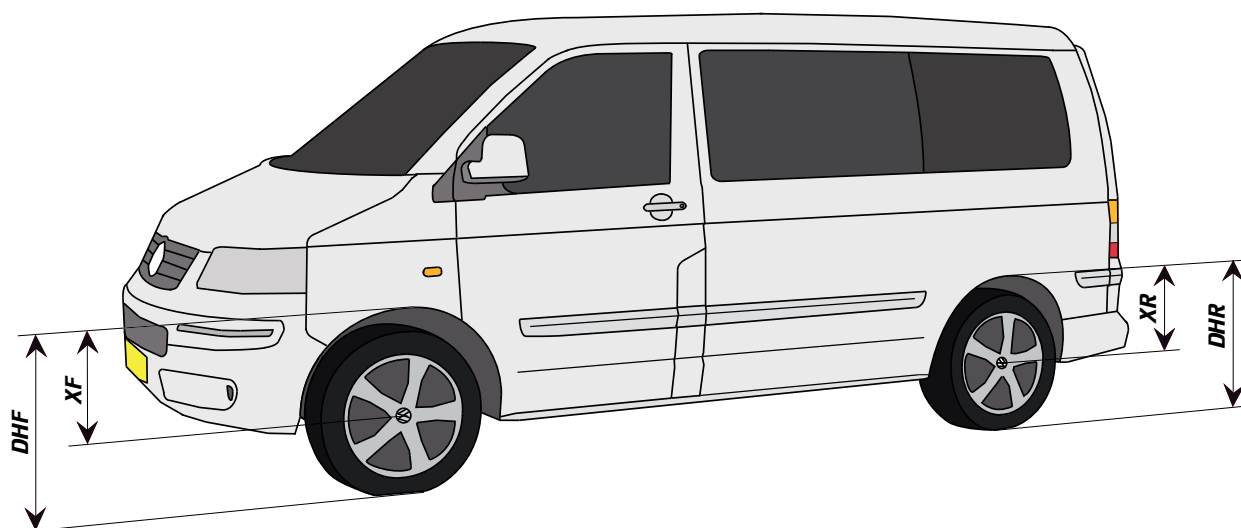


• **VB-FullAir-4C**
Technical specifications



Volkswagen T5



	Description*	Min. height	Ride-height	Max. height	Sport	Off Road	Car Park
STANDARD	Drive height front (DHF)	690	760	820	735	790	700
	Drive height rear (DHR)	670	770	820	745	800	680
	X-value front (XF)**	370	440	500	415	470	380
	X-value rear (XR)**	345	445	495	420	475	355
RAISED	Drive height front (DHF)	720	790	850	755	820	720
	Drive height rear (DHR)	670	800	850	765	830	680
	X-value front (XF)**	400	470	530	435	500	400
	X-value rear (XR)**	345	475	525	440	505	355

* All the measurements are in mm, on a standard chassis, with tyre size 255/45R18 and a load of 1590kg at the rear axle and 1550kg at the front axle. Therefore a tyre compression of 19mm is included.

** The X-value is the measure between the rear axle and the underside of the chassis.

Volkswagen T5

Technical specifications

Air-suspension system

Suspension system contains mainsprings (trailing arms) with air-springs, shock absorbers and a stabiliser bar. The system has a dual-air-circuit with twin height sensors.

The electronics of the air suspension is tested according to EMC (European directives for electronics) directive 72/245/EEC last amended, 2006/28/EC.

The air-suspension can be controlled by the supplied remote control. There are different options for this: VB-SRC (Standard Remote Control) or a simple control unit. It's even possible to control the system through the electrical system or CAN-bus system of the body builder. For more information, contact VB-Airsuspension.

Weights

The weight change of the vehicle after switching to air-suspension will change.

With Airuspension: +10 kg

Raise- and lowertimes

The raise and lower times depends on the load of the vehicle. The measured values are measured by a rear axle load of 1590kg.

	Rear / Front
Raise time lowest position > ride height:	60 / 33 sec
Raise time ride height > highest position:	24 / 43 sec
Lower time highest position > ride height:	9 / 25 sec
Lower time ride height > lowest position:	20 / 20 sec

Compressor

Contains an air dryer, thermal circuit breaker and a pressure protection valve.

Operating voltage: 12V
Nominal current: 26A
Starting current: $\leq 120A$ over $t \leq 100ms$
Degree of protection : IP68
Maximum pressure: 10-13 bar

Air-spring

VB-TS (Tapered Sleeve) with double polyamide cord ply and extra low resistance and hysteresis. This air-spring is specially developed for use with light commercial vehicles.

Shock absorber

Adjustable, double-acting FSD shock absorber.

Options

- Emergency valve kit 4C
- Rear-door switch kit
- Extra-time module
- VB-AOWS (Axle Overloading Warning System)

Notes

For the fitting of the air-suspension kit the factory option UF1 is required.

To diliver the right parts, it is necessary to know there is a standard or a maxi frontaxle on the vihecle and to know it is a petrol or diesel engine. This is also to find out on the basis of the chassis number.

By fitting the air-suspension kit, the maximum GVW or the maximum axle load is not altered.

This air-suspension kit is also available with electronics for external air-supply or with an increased driving height. For more information, please contact VB-Airsuspension.

The measured weights are approximately determined.