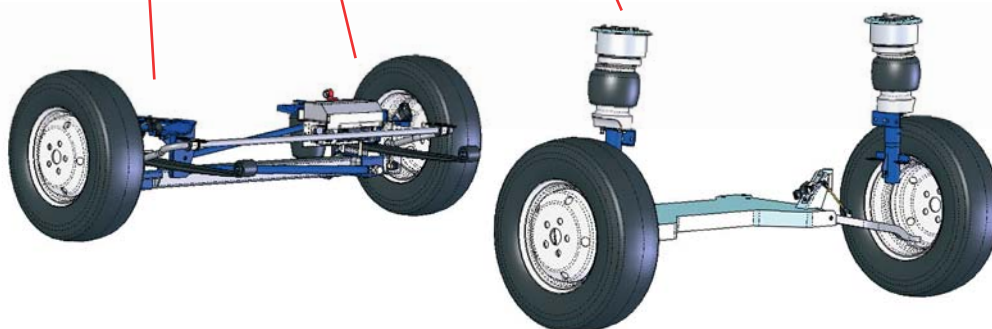


• *VB-FullAir*



PFC X-250

Peugeot Boxer, Fiat Ducato, Citroen Jumper



with VB-FullAir-4C full air-suspension

PFC X-250 with VB-FullAir-4C air-suspension

Air-suspension systems for light commercial vehicles and motorhomes have become a commonly specified option in recent years.

Now, the Peugeot Boxer, Fiat Ducato and Citroën Jumper have their own solution, developed by VB-Airsuspension in Holland, in the form of an integrated 4-Corner air-suspension system.

The system from VB-Airsuspension for the front and rear-axle is available as a retrofit solution for new and used vehicles. Our VB-FullAir-4C full air-suspension can be ordered from all VB-partners and the Peugeot, Ford and Citroën dealer organizations.

The models of the PFC X-250 series as a mobile home are perfect suitable for the addition of the newly developed and innovative suspension system of VB-Airsuspension. After having finished all the different tests, the VB-FullAir-4C air-suspension option has become available.

VB-FullAir 4C system

The VB-FullAir, a full-air air-suspension, has an electronic system named VB-ASCU (VB-Air Suspension Control Unit), which automatically monitors and adjusts the ride-height of the vehicle. This constant monitoring and adjusting (independent of the load, in the longitudinal and lateral direction, regardless of the centre of gravity) will automatically contribute to safer vehicle behaviour and improved comfort. The vehicle may not be overloaded.

Autolevel

In addition to the standard features of the system, the VB-FullAir 4C has another option available - „Auto Level“. This feature gives the user the possibility to level the vehicle on the spot, when parked on an uneven surface. By pushing one button the vehicle will adjust quickly and smoothly to horizon level. The maximum range of travel of the Auto Level function is 130 mm



The advantages of the VB-FullAir-4C air-suspension are:

- Improved suspension comfort
- Constant ride height
- Improved road handling and stability
- Increased protection of vulnerable / sensitive goods
- Less impact for passengers
- Variable adjustments in ride height (sport and off-road)
- Kneeling facility for car park entry
- Less wear of tyres / brakes
- Environmentally friendlier, less CO2 emission

Endurance / fatigue testing has been carried out to prove that the system can match the life-cycle of the base vehicle.



Height adjustment

The vehicle level can be changed manually with the standard remote control when the vehicle stands still; therefore lowering of the front and rear-axle is one of the systems standard possibilities.

Technical specifications*	VB-FullAir 4C	
	Front	Rear
Standard ride height (unloaded with original steel suspension)	435 mm	720 mm
Ride height with VB-FullAir	465 mm	675 mm
Highest position	+70 mm	+45 mm
Lowest position	-95 mm	- 65 mm

The heights are measured:

Front; Height between the lower side of the chassis and the floor.

Rear; Height between the upper side of the chassis and the floor.

*Slight variations in measurements may occur due to tolerances in base vehicle.

For more information: info@vbairsuspension.com



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