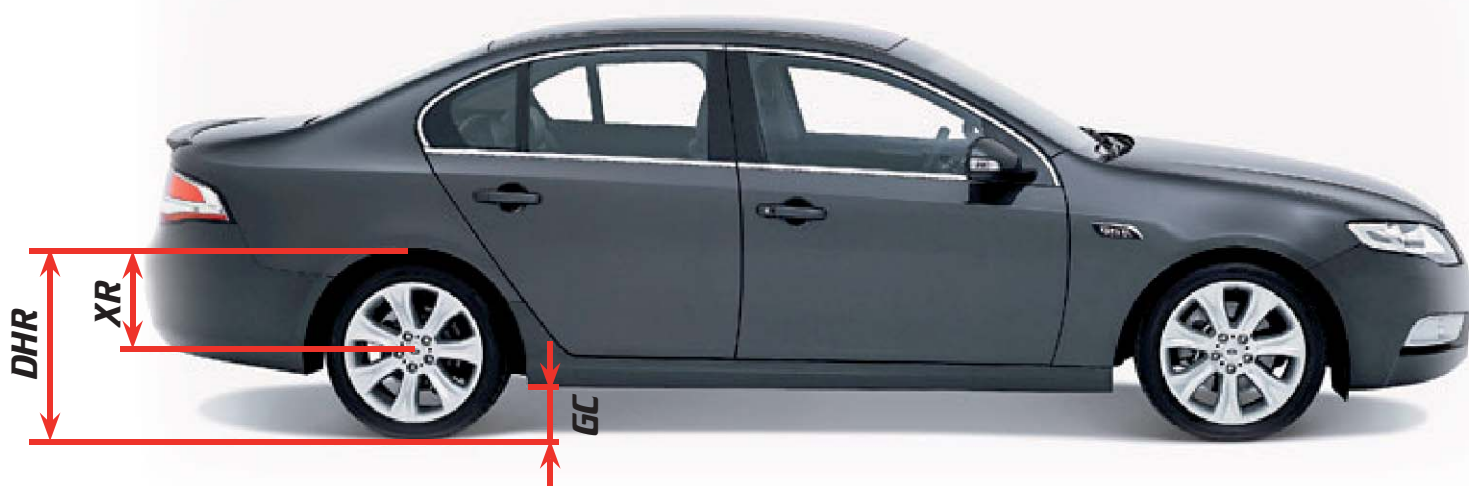


• **VB-FullAir-2C**
Technical specifications



Ford Falcon G6E



Description*	Min. height	Ride-height	Max. height
Drive height Rear (DHR)	645	720	765
Ground clearance (GC)	140	195	235
X-value (XR) **	325	400	445

* All the measurements are in mm, measured above the centre-line of the rear axle on a standard chassis, with tyre size 235/50 R17 and a rear axle load of 1110 kg. Therefore a tyre compression of 25mm is included

** The X-value is the measure between the centre of the wheel to the middle of the wheel arch.

Ford Falcon G6E

Technical specifications

Air-suspension system

Suspension system contains air-springs and a compressor. The system has a dual-air-circuit with two 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 different options: 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-Air-suspension.

Weights

The weight change of the vehicle after switching to air-suspension is XX 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 1110kg.

Raise time lowest position > ride height: 17 sec
Raise time ride height > highest position: 22 sec
Lower time highest position > ride height: 11 sec
Lower time ride height > lowest position: 10 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.

Options

- Emergency valve kit 2C
- Rear-door switch kit
- Extra-time module

Notes

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

This air-suspension kit is speed controlled.

The measured weights are approximately determined.

