

Semi-air

Mercedes Sprinter, Volkswagen Crafter (Series 3 and 5)



Mercedes-Benz

Volkswagen



► Product Information

Drive-Rite air springs for the Mercedes Sprinter and the Volkswagen Crafter provide load support through the use of air pressure that can be adjusted for changing weight. They enhance the ride by reducing inter-leaf friction. The system can allow for separate side-to-side or front-to-rear adjustment, which helps keep the vehicle level when carrying off-centre loads and maintains ride quality under differing load conditions.

When your vehicle is loaded, the standard suspension is compressed under the weight of the load. While this happens to the suspension, the performance, handling characteristics, and ride quality may be compromised. When the standard suspension is compressed, the ride may become harsh, and you encounter sagging and handling problems. By using a Drive-Rite semi-air system these problems disappear.

When weight is added to the vehicle, the air springs become an active part of the suspension system. It helps the original leaf springs to do their work. When more air pressure is added to the air springs, they will support greater weight. You will be able to compensate a heavy load by increasing the air pressure in the air springs or decrease it when the load is lighter.

The Air Suspension reduces sway and handling problems associated with a heavily loaded vehicle. Drive-Rite's systems are modular, which means that you have a high quality air suspension kit which can be easily upgraded with an 'Air Accessory' kit. These kits add an onboard compressor and easy to use control system, to allow height adjustment via air spring pressure.

Benefits of Drive-Rite Air Suspension:

- + Increased comfort and enhanced driving experience
- + Vehicle stability safely improved under all loaded conditions
- + Vehicle less sensitive to high cross winds resulting in reduced sway and improved handling
- + Individual adjustment of the air spring pressure allows side to side height adjustment
- + Optimized geometry (drive line angles)
- + Constant ride height – load independent
- + High-quality components manufactured in Germany, USA and Ireland
- + Easy to install and user friendly systems
- + Air Springs made by Firestone, the world's No 1 Air Spring Supplier
- + Reliable: Drive-Rite has more than 20 years of experience in air suspension business
- + Fully tested, approved and homologated by the Original Equipment Manufacturer and TUV



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Complete Suspension Solution

Drive-Rite semi air kits come complete with all necessary parts, are easy to install, require no drilling and fully tested and approved to the highest standards. Optional control systems are readily available to suit all customer needs.



► Technical Specifications

Model	Mercedes Sprinter 3 / VW Crafter 28-35	Mercedes Sprinter 5 / VW Crafter 50
Year	from 2006 to present day	from 2006 to present day
Kit number	<ul style="list-style-type: none"> DR.02.003500 (Rear overhang up to 1.5m, models up to July 2013) DR.02.003502 (Rear overhang up to 2.015m) 	<ul style="list-style-type: none"> DR.02.014000 DR.02.014000 (Large air springs for extra comfort)
Air spring style	Firestone, 6" Double Convolute Air Spring	Firestone, 8" Double Convolute Air Spring
Kit Weight	10-12kg	12 kg
Compressor	12 V, max pressure 9 bar	12 V, max pressure 9 bar
Optional Control Kits Available	<ul style="list-style-type: none"> DR.11.016110 (Single Gauge, Basic Compressor) DR.11.016112 (Dual Gauge, Basic Compressor) DR.11.012236 (Single Gauge, Medium Compressor) DR.11.012436 (Dual Gauge, Medium Compressor) 	<ul style="list-style-type: none"> DR.11.016110 (Single Gauge, Basic Compressor) DR.11.016112 (Dual Gauge, Basic Compressor) DR.11.012236 (Single Gauge, Medium Compressor) DR.11.012436 (Dual Gauge, Medium Compressor)
Raise at rear axle	5 cm	5 cm
Maximum Air Pressure	7 Bar (100 psi)	7 Bar (100 psi)
Minimum Air Pressure	0.5 Bar (7.5 psi)	0.5 Bar (7.5 psi)
Approvals	LONO - VW, TÜV Approval (12-00480-CX-GBM-01)	LONO - VW, TÜV Approval (13-00291-CX-GBM-00)
Additional Notes	For all models with rear wheel drive and are ABS and ESP compatible.	RWD (rear wheel drive) vehicles fitted with ABS/ESP. Suitable for all vehicles & applications. Air Spring has integrated bump stop for heavy loads.

Please check our website for further information and latest details on this application.

