

## Semi-air

**Renault Master, Opel/Vauxhall Movano, Nissan Interstar**  
(Model X70)



### ► Product Information

The second generation Renault Master with its partners in Opel, Vauxhall and Nissan are among the most reliable and popular commercial vehicles in the European market. When the very popular and proven quality Drive-Rite air suspension is added to the current X70 models even more driving pleasure, dynamism and safety is brought to the vehicles.

As the name implies, the additional Drive-Rite 'air spring' supports the factory installed steel suspension by the use of air. As the air spring works with the existing leaf suspension, it is called a 'Semi-Air' system. The air pressure can be manually or automatically adapted to individual needs in a very quick way with an optional 'air accessory' kit. With these kits the customer has the option of an easy to use control system with compressor and gauges.

The air suspension reduces the friction between the leaf springs, thereby improving their performance. You will feel that by having more a more comfortable ride. Depending on the model, the air suspension system not only lifts the rear axle on the longitudinal axis, but also eliminates misalignment along the transverse axis, as created by one-sided loading outside the vehicle centre.

Drive-Rite offers the air suspension for all available models with front and rear-wheel drive. What happens when you don't have a Drive-Rite semi-air system? The original suspension stiffens with load, comfort decreases and the stress on the vehicle, the driver and the load increases enormously. With a semi-air kit, the vehicle is easier to handle than before, with the comfort and driving safety remaining high – it is always good to have a Drive-Rite semi air kit on board!

### 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



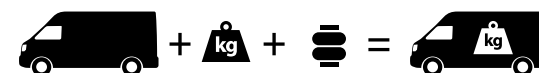
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### Complete Suspension Solution

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	Ren. Master, Opel/Vauxhall Movano, Nissan Interstar - Rear Axle	Ren. Master, Opel/Vauxhall Movano, Nissan Interstar - Front Axle
Year	from 1998 to 2009	from 1998 to 2009
Kit number	DR.02.013123 (in place of original bump stop, Double convolute air spring) DR.02.013126 (Inboard from chassis, Comfort option tapered sleeve air spring)	DR.01.014117 (Air spring is placed inside the front Coil-Springs)
Air spring Style	Firestone, 6" Double Convulated Air Spring	Firestone, 'Coil-Rite' Air Spring
Kit Weight	10kg-15kg	1kg-2kg
Compressor	12 V, max pressure 9 bar	12 V, max pressure 2.5 bar
Optional Control Kits Available	<ul style="list-style-type: none"> <li>DR.11.016113 (Undermounted Single Gauge, Basic Compressor)</li> <li>DR.11.016112 (Dual Gauge, Basic Compressor)</li> <li>DR.11.012236 (Single Gauge, Medium Compressor)</li> <li>DR.11.012436 (Dual Gauge, Medium Compressor)</li> </ul>	<ul style="list-style-type: none"> <li>DR.11.016113 (Undermounted Single Gauge, Basic Compressor)</li> <li>DR.11.016112 (Dual Gauge, Basic Compressor)</li> <li>DR.11.012236 (Single Gauge, Medium Compressor)</li> <li>DR.11.012436 (Dual Gauge, Medium Compressor)</li> </ul>
Raise at axle	5 cm	Front Axle Coil-Sprung kit designed for support without raising or lowering the vehicle
Maximum Air Pressure	7 Bar (100 psi)	2.5 Bar (35 psi)
Minimum Air Pressure	0.5 Bar (7.5 psi)	0.3 Bar (5 psi)
Approvals	LONO - Renault, TÜV Approval (11-00576-CX-GBM-01), UTAC - Renault	
Additional Notes	For all models with ABS and LSV. Separate LSV kit available.	For all models with ABS and LSV. Separate LSV kit available.

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

