

## Semi-air

### Ford Ranger, Mazda BT-50 (Model from 2011)



#### ► Product Information

In 2011 Ford Ranger and its partner the Mazda BT-50 stormed onto the worldwide market. The high quality of these vehicles is well justified with thirty years of experience behind them in compact pickups. With the very popular and proven quality of Drive-Rite air suspension for the Ranger and BT-50s even more driving pleasure, dynamism and safety is brought to the vehicle.

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 compression happens to the suspension, the performance,

handling characteristics, and ride quality may be compromised. The ride may become harsh and you encounter sagging and handling problems.

By using a semi-air 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. What happens if 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, while the comfort and driving safety remain 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	Ford Ranger, Mazda BT-50 4x2 Non Hi Rider	Ford Ranger, Mazda BT-50 4x4, 4x2 Hi Rider
Year	from 2011 to present day	from 2011 to present day
Kit number	DR.02.013041 (4x2 Non Hi Rider only)	DR.02.013042 (4x4 kit, 4x2 Hi Rider kit)
Air spring Style	Firestone, 8" Double Convuluted Air Spring	Firestone, 8" Double Convuluted Air Spring
Kit Weight	10kg	10kg
Compressor	12 V, max pressure 9 bar	12 V, max pressure 9 bar
Optional Control Kits Available	<ul style="list-style-type: none"> <li>DR.11.016110 (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.11.016110 (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 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	TÜV Approval Q2 2014	TÜV Approval Q1 2014,
Additional Notes	Models from 2011 that are complatible with ABS and ESP.	Models from 2011 that are complatible with ABS and ESP.

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

