

**Continental**   
The Future in Motion



## Air Springs from ContiTech

The original product  
is the only safe bet.

Air Spring Systems

**ContiTech**

## ContiTech warns against illegal copy air springs.



### In traffic or at high speed a bursting air spring can have fatal consequences.

Ever more cheap providers are making pirate imitations of ContiTech quality air springs for commercial vehicles. These imitations, which are often of inferior quality, can pose a danger to the user. ContiTech warns against using inferior quality reproductions of their air springs in commercial vehicles, which are being increasingly sold on the global market.



Original quality -  
the only safe bet.



## Small difference, big impact.



Even original-looking counterfeit reproductions air springs are not up to the standards of a safety-critical product. When subjected to service loads and real operating conditions, the difference from the original quality product quickly becomes apparent.

### “We know the original formula”

Many years of work by an experienced team of chemists and development engineers has enabled ContiTech to develop a range of compounds that satisfies the high requirements defined by the various standards. As development partners of original equipment, we can meet all the specific needs of manufacturers.

“Without good raw materials, there is no good compound. And without a good compound, there are no good products.”

Dr. Peter Scholtissek, ContiTech  
Phoenix Compounding Technology

Deviating air spring dimensions shorten the service life.



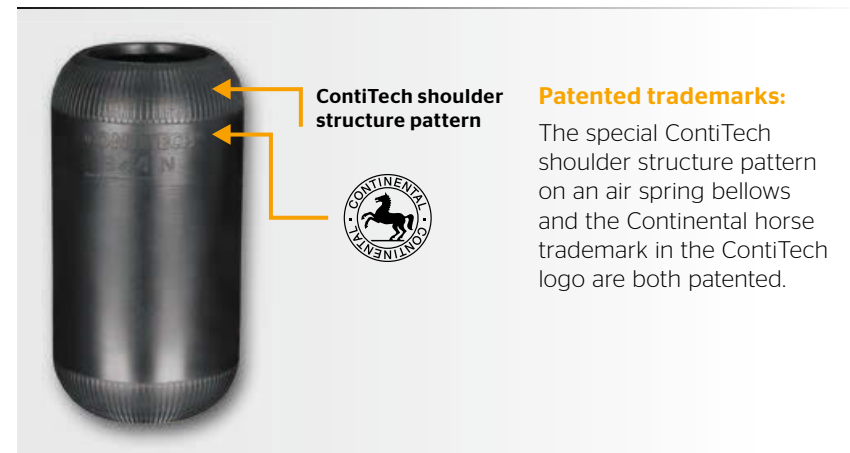
The original product is the only safe bet – Air springs from ContiTech.

### Advantages for the customer:

- › Avoid downtime costs
- › Avoid the risk of accidents
- › Avoid freight damage
- › Avoid assembly problems
- › Avoid the loss of image and of customers

Do not let this fool you!

**Look out for the following brand features when buying air springs:**



**Original**  
**QUALITY** THE BEST REPLACEMENT



## “Pirate air springs”: Do you really want to take the risk?

### Requirements of vehicle manufacturers

#### Material



The use of high-quality OE-specified materials ensures resistance to extreme temperatures (high and low) as well as ozone and sunlight

#### Function



OE specifications of the bursting pressure by the vehicle manufacturer define the safety range of the air suspension system



OE specifications regarding the load-carrying capacity are essential for safe operation of the air spring suspension system

#### Geometry



OE specifications regarding the installation space are required to ensure the lifetime of the air spring



OE height specifications are necessary for the height adjustment at loading ramps (trailer) and boarding height (bus)

#### Durability



ContiTech manufactures air springs for the replacement market in accordance with OE specifications. This means original quality for reliability and cost efficiency

Original quality:  
Enhanced safety,  
better economy,  
more comfort.



### Consequences of using replica products



Low-quality materials = much lower resistance to weathering  
▶ **Cracking in the outer rubber**



Too low bursting pressure due to weak reinforcement material = load at strength limit ▶ **Product failure**  
Exceeding of the bursting pressure = dynamic overloading of the reinforcement material ▶ **Product failure**



Deviations in load carrying capacity = Poorer vibration performance and trailer/tractor synchronization ▶ **Brake wear**



Deviation in the bellows diameter (low-quality reinforcement material or fabric)  
▶ **Chafing against chassis components**



Bellow is too long  
▶ **Overstraining the shock absorber**  
Bellow is too short  
▶ **Overload/failure when adjusting height to loading ramp**



Counterfeit products, which virtually look like the original product, are not up to the standards of a safety-relevant product. Since the original specifications are unknown, the difference from the original quality product quickly becomes obvious under real operating conditions.

# ContiTech



## Air Spring Systems

Market segment  
Replacement Business

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### Your local contact

[www.contitech.de/contactlocator](http://www.contitech.de/contactlocator)

Certification in the ContiTech  
Air Spring Systems business unit:

ISO TS 16949  
ISO 9001  
ISO 14001



Detailed information about  
our air springs can be found at:  
[www.contitech.de/as-rpl](http://www.contitech.de/as-rpl)

## ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognised innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.