



News and conversion of BPW central air bellows 30 / 30 K

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Air bags play an important role in the overall chassis system. They support the weight of a vehicle with the aid of compressed air.

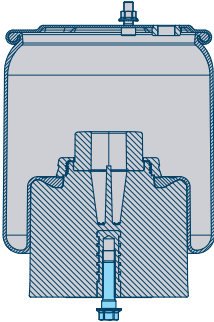
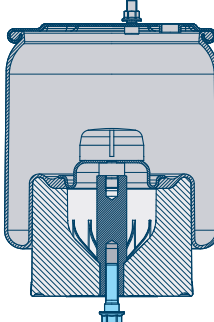
The main task is to ensure a constant ride height with the corresponding ride comfort. It also includes providing a variable spring rate that can adapt to changing road conditions and vehicle loads. Air bags are automatically filled or deflated, i.e. the pressure level is automatically adjusted to regulate the ride height of the vehicle and compensate for changes in weight distribution, e.g. when cargo is added or removed. This makes air springs an important component, as they have a direct impact on the ride quality and handling of a vehicle.

Overall, the quality of air bags is critical to the safe and efficient operation of a vehicle's suspension system. Investing in high-quality air bags can improve performance, durability and cost efficiency over the entire life of the vehicle.

As BPW focuses in particular on the above-mentioned points in product developments, there will be a product changeover in the product group of centrally bolted air bags of types 30 / 30 K in order to ensure product quality in the long term and also to offer sustainable suspension solutions. The air spring bellows will also have a repair capability in the future, i.e. the bell and air bag can be replaced separately.

BPW actively adjusts existing orders or that exist for delivery as of the changeover date. Please adjust your order process and change your product documentation if necessary.

Type	Previous part number	New part number	Changeover date
30	05.429.43.90.0	05.429.44.04.0	December 2023
30 K	05.429.43.91.0	05.429.44.02.0	
30 K	05.429.43.96.0	05.429.44.03.0	

	
Previous technical solution: Buffer and bell screwed tightly, not repairable.	New technical solution: Bell and buffer bolted with continuous bolt, repairable.