



The brands of the BPW Group:



NEWS Trailer

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The new air suspension programs Airlight II and SL

As already presented at the IAA 2016 and published with the BPW NEWS (QR-Code) from 16.11.2016, the air suspension programs AL II and SL are currently being revised and restructured.



In the course of this, many improvements in quality have been implemented, as well as a significant expansion of the application areas - especially for the air suspension Airlight II.

During the revision of these two solution-oriented BPW air suspension systems, it has been ensured that still all known applications can be served. In addition, the already available variability and application diversity has further increased.

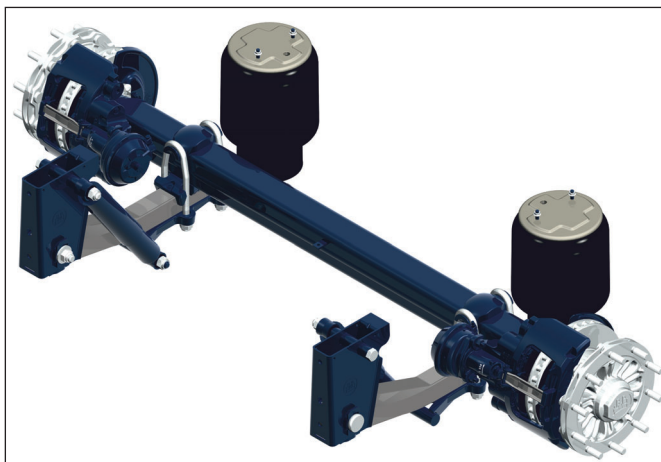
1. Advantages and characteristics of the Airlight II air suspension for axle loads from 9 t - 12 t

Characteristics:

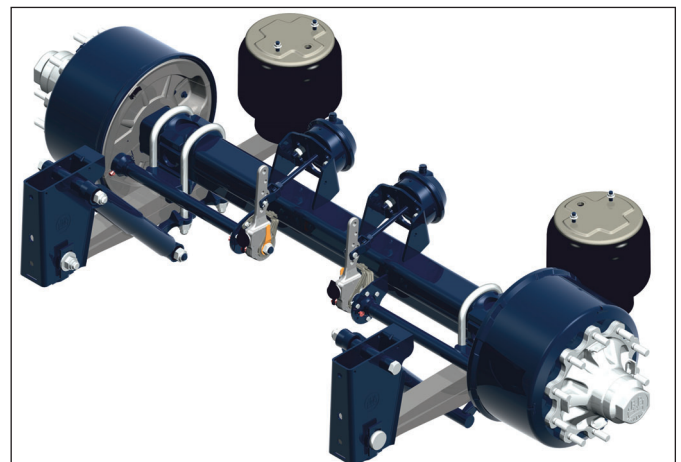
Axle body 120 mm square - clamped and welded axle seat - 70 mm wide leaf springs

Significantly expanded application area:

- › Welded axle seat available
- › Axle loads up to 12 t **new**
- › 2 blade leaf springs available **new**
- › Long stroke versions available **new**



ALUII-design with leaf springs with long stroke leaf springs (disc brake)



ALUII-design with 2 blade leaf springs (drum brake)



Weight-optimized air suspension

- › Reduced weight thanks to the 70 mm wide leaf spring in an extended area of use **new**
- › Only available with 120 mm square axle body
- › Combination with the aluminum hub (9 t) possible **new**

Improvements in quality

- › 5 + 3 years ECO Plus warranty in onroad- and standard-offroad-use **new**
- › 3 years warranty for components (brake cylinders, air bags, shock absorbers) **new**
- › Maintenance-free clamped axle seat (9 t - 10 t)
- › Adjustable hanger brackets
- › Clamped and welded axle seats available

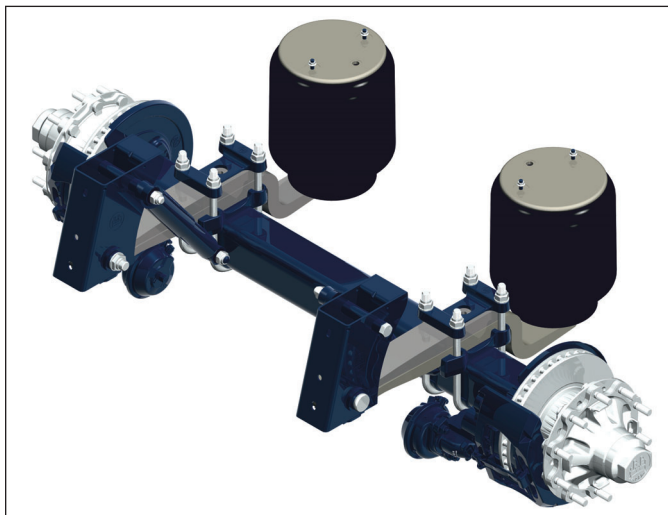
2. Advantages and characteristics of the air suspension SL for axle loads from 12 t - 14 t

Characteristics:

Axle body 150 mm square - welded axle seat - 100 mm wide leaf springs

The robust air suspension from BPW:

- › Air suspension for high axle loads
- › Welded axle seat
- › Only available with 150 mm square axle body
- › Only rigid hanger brackets with 8 mm wall thickness
- › Optimized spring bolt screw connection **new**



SLM-design with 2 blade leaf springs (disc brake)

3. Changeover phase of the air suspension programs

3.1 „From SL to Airlight II“

The restructuring of the air suspension programs can lead to the fact that previous SL versions in future are covered by the Airlight II air suspension. This means a significant weight saving for the respective application. The changeover phase started in the middle of 2016, you have been contacted by your BPW representative, if you are affected.

3.2 Changes within the SL program

Within the SL kit, quality improvements also have been implemented.

Rigid hanger brackets with 8 mm wall thickness and optimized spring bolt mounting

- › Optimal for tough applications
- › High safety thanks to optimized spring bolt fitting
- › Reduction of complexity (e.g. summary of various hanger brackets to a height of 350 mm)
- › 100 mm wide leaf springs only in combination with 150 mm square axle body

3.3 Changes within the Airlight II program

Within the Airlight II program the following improvements have been implemented:

Adjustable hanger brackets as standard

- › Hanger brackets available as a weldable or screwable solution
- › Unification of the 268 mm steel hanger brackets, flexible mounting of the shock absorbers
- › Unification of right / left side stainless steel supports (H = 184 mm and H = 268 mm)
- › Steering axles with 3D leaf spring up to 10 t
- › Steering axles (solid and hollow) with 70 mm wide leaf spring

These described changes may affect your scope of delivery, particularly if you get SL versions with previous specifications. Especially when ordering single components and air suspension parts please check your inventory and adjust it if necessary. Please make sure to order suitable attachment parts (e.g. hanger brackets, spring bolt assembly groups, axle lifting devices, shock absorber) for new orders.

Schedule:

- › From 1. August 2017: No new definition of SL versions (modules and single parts) according to the current product structure
- › Until 1. October 2017: Latest possible order from SL versions (modules and single parts) according to the current product structure (with delivery in 2017)
- › Until 31. December 2017: Latest delivery from SL versions (modules and single parts) according to the current product structure

As of 1. January 2018, the air suspensions Airlight II and SL will be delivered exclusively according to the new product structure.

For more information of the change over phase and definition of your future delivery program, please contact your BPW representative.