



Market launch of LightTube - the lightweight component for the Airlight II air suspension system

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Innovation and product reliability are top priorities for BPW. Especially in established markets with mature products, it is very important to always offer our customers real added value for their business activities. In addition to the forged aluminum hub, a further lightweight component for the 9 t range is now available to order for Airlight II running gears - the LightTube.

This is a hollow section leaf spring that connects the chassis and axle. By using lightweight components, the unladen weight can be significantly reduced and the payload maximized.



Following product development, the establishment of industrial production and extensive testing, the LightTube can be ordered from the beginning of 2024 and BPW customers can benefit from the lightest 9 t running gear on the market, with a module weight of less than 370 kg.

The LightTube is 100 % compatible with current versions, i.e. the technical performance and ride heights are identical to those of the 1 x 56 mm leaf springs.

Type / ride height range	Previous part number [Leaf spring 1 x 56 mm]	New Item number [LightTube]	Feature	Market launch SOP	Order
ALM	05.082.13.88.2	05.082.14.55.2	L1 500 / L2 380	week 14 / 2024	now / week 8
ALO / ALU	05.082.13.89.2	05.082.14.56.2	L1 500 / L2 380	week 23 / 2024	week 17
ALO / ALU	05.082.13.90.2	05.082.14.57.2	L1 500 / L2 310	Q1 / 2025	

Technical features

- Use in Airlight II suspensions, axle load 9 t
- Rigid axles, spring center \geq 1200 mm with clamped axle seat
- On-road use
- Ride heights 300 mm - 565 mm (ALO / ALM)
- Single tires 19,5" – 22,5"
- Offset ET 0 / ET 120

Visit our website on „Airlight II with lightweight options“ for more information

(<https://www.bpw.de/en/bpw-airlight-ii>) or get in touch with your BPW contact person directly.

You can also use our amortization calculator to calculate your individual benefit from our products ([BPW amortisation calculator: Airlight II running gear](#)).