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BPW Air suspension air installation

BPW have found some problems in the market, relating to insufficient air volume supply to air bags due to inferior/ too small diameter air pipe and connections being used.

BPW would like to point out the recommendations as per our Installation Instructions **BPW-EA-Luft 1023701e** on page 50.

The necessary installation kit and installation drawings are supplied by BPW for the appropriate application. BPW installation drawings identify the valves using the ISO illustration method. The figures and letters that are enclosed in a box in the installation drawings are identical to the identification codes on the valves themselves, thereby simplifying the installation substantially. The BPW air suspension is only as good as its installation. If installed incorrectly, the BPW warranty becomes null and void.

The air suspension is fed via an overflow valve (6 bar) from the compressed air braking system. The air tank pressure is approx. 7.5 to 8.5 bars. An air supply of 20 litres is required for each axle, lifting and lowering demands correspondingly more. Without an appropriate air supply there is a risk for safety as no air will remain for the air suspension if the brake system has a high air consumption. To achieve good axle load equalisation, the air lines connecting the air bags must not have an internal diameter of less than Ø 8 (e.g. Ø 12 x 1.5 or Ø 10 x 1).

The full installation manual is available for download on our website:

[http://www.bpw.co.za/documents/BPW-EA-Luft%201023701e\(2\).pdf](http://www.bpw.co.za/documents/BPW-EA-Luft%201023701e(2).pdf)

