



BPW · THE QUALITY FACTOR

07 July 2009

Load Indicator Operator Manual

The main function of the load indicator gauge is to supply the operator with an **indication** of what the load is on the particular bogie. The operator can thus change the load on the bogie before setting off on his trip and reduce the possibility of being caught overloaded at a weighbridge. The gauge is not recommended as a revenue generating tool.

The load on the axles or bogie is measured via the air pressure in the airbag line and then indicated on the scaled face. The air pressure in the airbags is all the same and therefore one only has to taken from one point in the airbag air line.

- The gauge has three rows of scales.
The inner scale is for a single axle trailer and is indicated by O.
The middle scale is for a two axle / tandem trailer and is indicated by OO
The outer scale is for a three axle / tridem trailer and is indicated by OOO
- BPW has two load indicators for the two different size airbags, 300mm and 360mm. These are indicated by the text "30/380" and "36/380" at the bottom of the scaled face of the gauge. Please ensure that the correct gauge is fitted by comparing this to the airbags that are fitted in the trailer.
- If fitted to non-BPW suspensions then own calibration is necessary and only the maximum loading limit can be set. The scales will not be accurate.

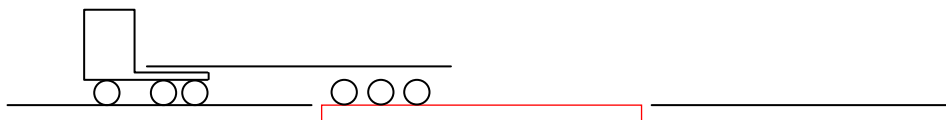
Operating Instructions

1. Make sure that the trailer and truck are parked on level ground.
2. Release the brakes on the trailer. (Make sure that the trailer can't roll away)
3. Open the shut-off valve next to the gauge.
4. Read the value of the scale. Make sure that you read the correct scale.
(Single ↔ O / Tandem ↔ OO / Tridem ↔ OOO)
5. Make necessary adjustments to the load if necessary.
6. ALWAYS close the shut-off valve before driving off.

Adjustment Instruction

Due to many different axle and suspension layouts, the scale could be slightly out and the red needle can be adjusted to show a more accurate maximum load.

1. Drive the trailer onto a weighbridge. Make sure that only the bogie is being measured on the weighbridge



2. Release the brakes on the trailer. (Make sure that the trailer can't roll away)
3. Open the shut-off valve next to the gauge and compare the reading to the reading of the weighbridge.
4. Adjust the red needle up or down, with the adjusting tool, to the same reading as the weighbridge.
5. ALWAYS close the shut-off valve before driving off.

Shut-off Valve Sticker

As a reminder for the driver / operator of the trailer BPW recommends fitting a sticker next to the shut-off valve on the side of the trailer chassis. The sticker can be ordered from BPW with part number: STICKER.LISV.01.

