



Steer Axle Wear Measurements

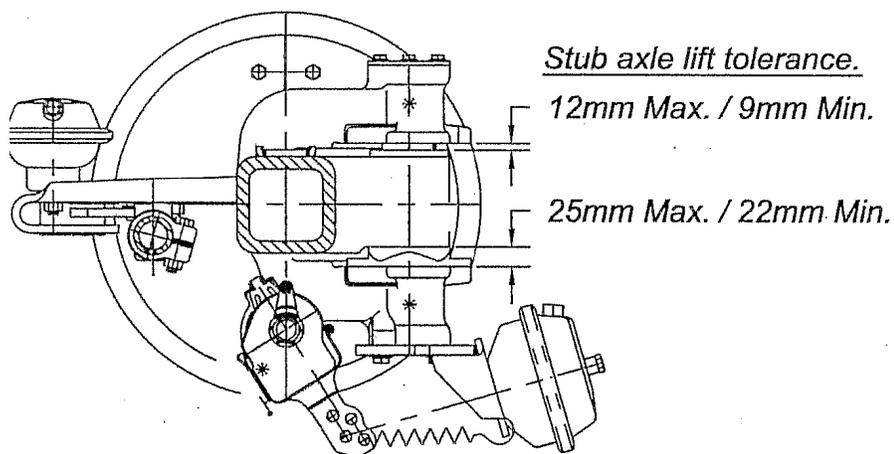
BPW steer axles have 2 wear measurements for the swivel pins.

Vertical movement

During steering operation the stub axle moves up and down as the stub axle rotates on the undulating washers.

The undulating washers, when new, have a total thickness measurement of 25mm and can wear 3mm before requiring replacement.

This equates to a vertical movement from 9mm when new to 12mm when worn.

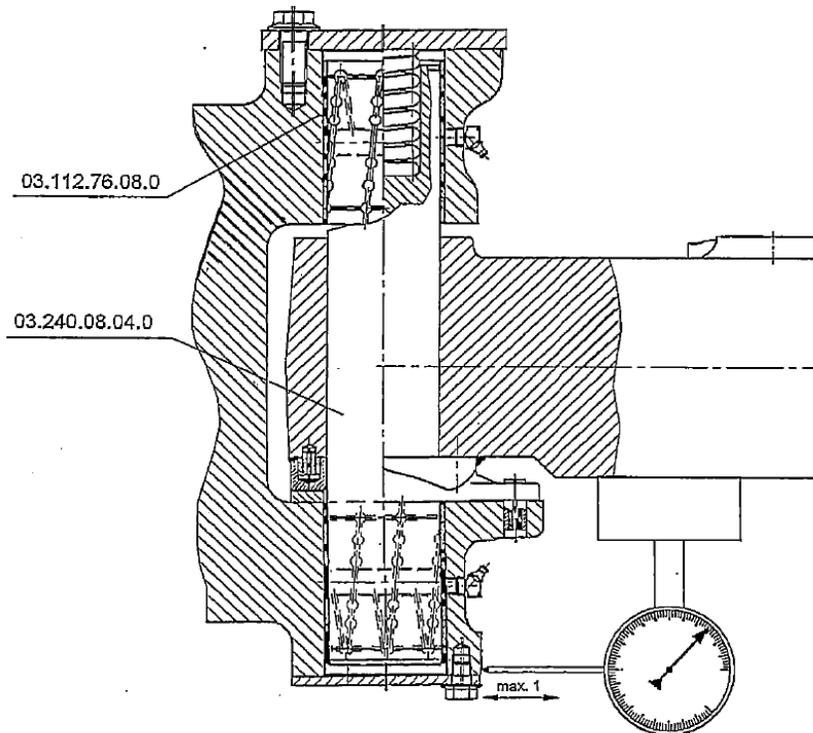


Horizontal movement

The maximum amount of bush wear is 1mm.

The movement is measured by attaching a dial indicator to the axle beam and measuring the sideways movement of the stub axle eye.

Note: Prior to checking this measurement the wheel bearings must be adjusted correctly.



This movement equates to a movement, measured at the tyre edge, of approximately 3mm.

Lubrication Requirements

- BPW specify the use of a NLGI grease of class 2-3, specifically BPW ECO-Li plus.
- The interval between servicing is not to exceed 6 weeks.
- When servicing the grease must flush out all of the old grease, dirt and water.
- The new grease must exude from around entire circumference of the bush.