

Use of a shorter slack adjuster on underslung axles

Introduction

BPW has received requests from trailer builders to consider the use of a shorter slack adjuster on the underslung axles due to possible space constraints. BPW will be implementing a change to the shorter slack adjuster in 2025 for all underslung axles. The lever settings are the same as on the existing slack adjuster (120 mm to 165 mm) and will not affect the availability of spares as the shorter slack adjuster is a suitable replacement for the existing slack adjuster. The shorter replacement slack adjuster (05.174.82.67.3) is already being used on certain steering axles and on U-type booster bracket arrangements and is therefore known to the South African market.

Current and future slack adjuster number for underslung axles.

The current slack adjuster that is being used on underslung axles is shown in Figure 1. The shorter replacement slack adjuster is shown in Figure 2.

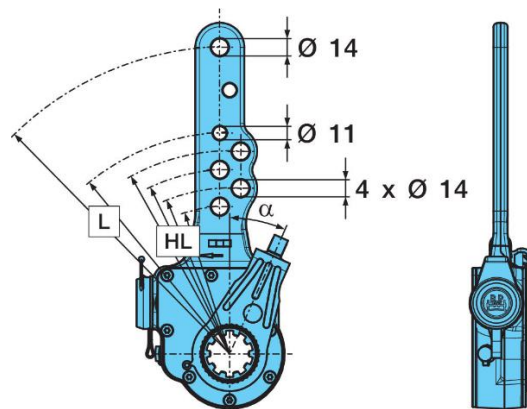


Figure 1: The current slack adjuster being used on the underslung axles (05.174.82.63.3)

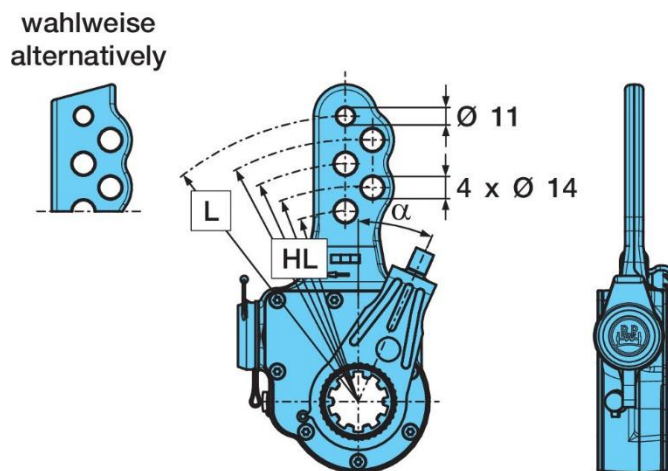


Figure 2 The shorter replacement slack adjuster (05.174.82.67.3)

As seen from Figure 1 and Figure 2 the slack adjusters offer the same lever length settings (from 120 mm to 165 mm). There is therefore no impact on the slack adjuster setting. The L value decreases from 250 mm for the long slack adjuster to 180 mm for the short slack adjuster.