

# INSTALLATION, MAINTENANCE & SERVICE BULLETIN

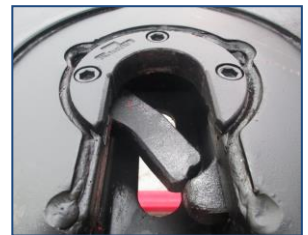
## 5<sup>th</sup> wheel lock adjustment check

To make sure that a FKH 5<sup>th</sup> wheel locks properly after the king pin has been engaged, the following checks can be done using the FKH 5<sup>th</sup> wheel lock adjustment Tool: **N500114-001**. The tool can be used for adjusting the 5<sup>th</sup> wheel and doing a function check.

5 <sup>th</sup> wheel Model	Serial Number	Checked and approved by:	Date



**Open the Jaw**



### Set up the Tool

The front hole is for all the FKH 5<sup>th</sup> wheels, except the Cast KC

The rear hole is only for the Cast 5<sup>th</sup> wheel.



Select the correct king pin.

KPB50 for 50mm

KPB90 for 90mm

Install the king pin to the tool.



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**Install and use the tool**

Lift the tool on to the open 5<sup>th</sup> wheel.

Hook the lever pivot point to the front of the 5<sup>th</sup> wheel.



Pull the lever forward....until the release handle slides back in to the locked position.



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By moving the lever backwards and forwards, you can check the clearance on the king pin to the jaw.

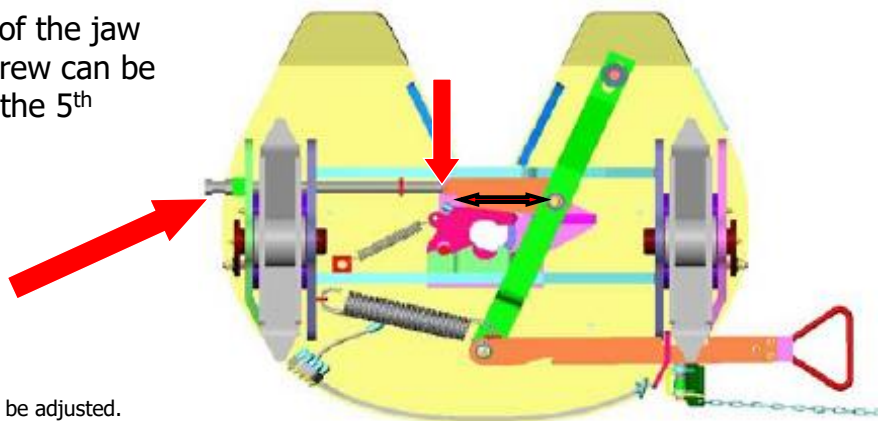


Unhook the lever pivot point from the front of the 5<sup>th</sup> wheel .....



...by moving the tool from side to side, you can feel the tightness of the jaw on the king pin.

To adjust the clearance/tightness of the jaw to the king pin, the wedge stop screw can be adjusted by turning it on the side of the 5<sup>th</sup> wheel.



NOTE: Only the single jaw 5<sup>th</sup> wheel (KA & KC) can be adjusted.  
 The two piece jaw 5<sup>th</sup> wheels (KH) cannot be adjusted.



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“ADJUST FOR WEAR” means the king pin is loose.

Turning the adjusting screw counter clockwise, will allow the wedge to move in further and therefore reduced the clearance between the jaw and the king pin.

If the king pin is to tight, turn the screw clockwise.

After adjusting the screw, make sure you tighten the locknut again.

**Note:** To be sure that the new adjustment is correct engage and disengage the king pin a number of times.

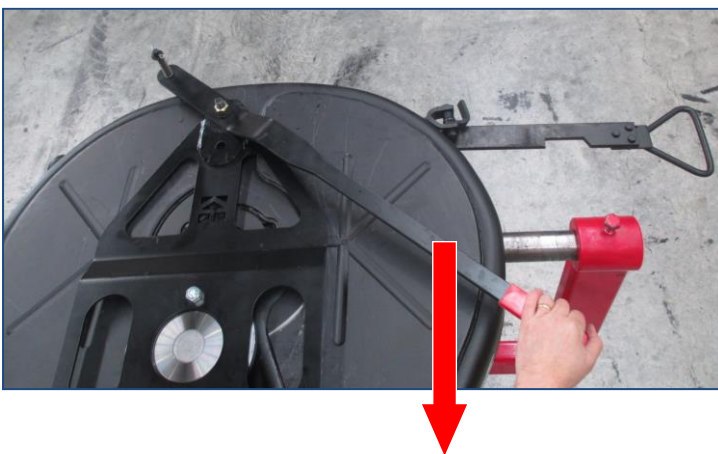
**Note:** The king pin should be held by the jaw with minimal clearance, but should not be too tight to rotate.

## Remove the tool. (disengage the king pin)



1. Open the jaw.

2. Pull the lever backwards.



3. Unhook the pivot, and lift the tool off the 5<sup>th</sup> wheel.

