

Spring Tension Indicator Installation – Model 4012

Priority: Risk of Machine Component Failure – Preventable

1. Overview:

KELLY Tillage has recently become aware of a potential issue relating to excessive chain tension being applied to the rear chains of the **Model 4012** machines which, if not addressed, could result in failure of the outer wing component. Machines that have the chain tension correctly set up per the procedures detailed in the operator's manual and as displayed on the decal fitted near the tension springs will not be subjected to this issue.

KELLY Tillage strongly recommends that the spring tension setting is inspected and immediately rectified in accordance with the instructions in the operator's manual.

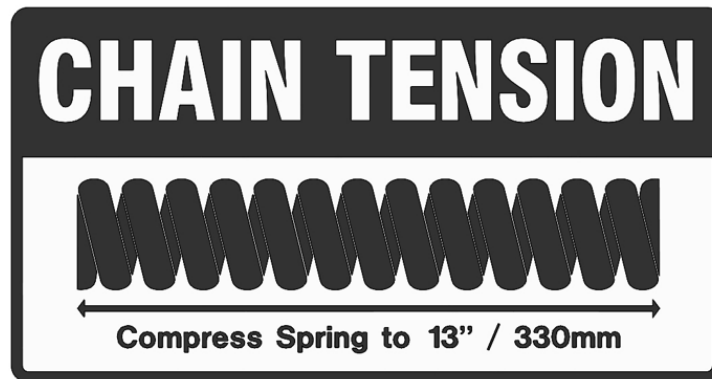


Figure 1 - Chain Tension Decal

The correct setting is for the tension spring to be compressed to a length of not less than **330mm (or 13")**

Technical advice for existing machines:

To aid in correctly setting the chain tension spring, KELLY Tillage offers a spring tension indicator component for purchase. This component can be fitted to existing machines. The tension indicator provides a visual reference of the spring compressed length and, when set correctly, ensures the appropriate level of tension is applied to the chains.

KELLY Tillage strongly recommends the fitting of tension indicators to existing machines.

2. Part Information:

Part Number	Description	QTY
0800-758	330mm Spring Tension Indicator	4

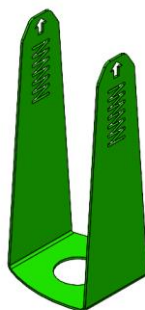


Figure 2 - Part number 0800-758, 330mm Spring Tension Indicator

3. Procedure for Fitting Spring Tension Indicators:

1. Unfold your KELLY machine on firm and even ground and ensure there is suitable access to all areas. Locate the chain tension springs in the areas indicated below.

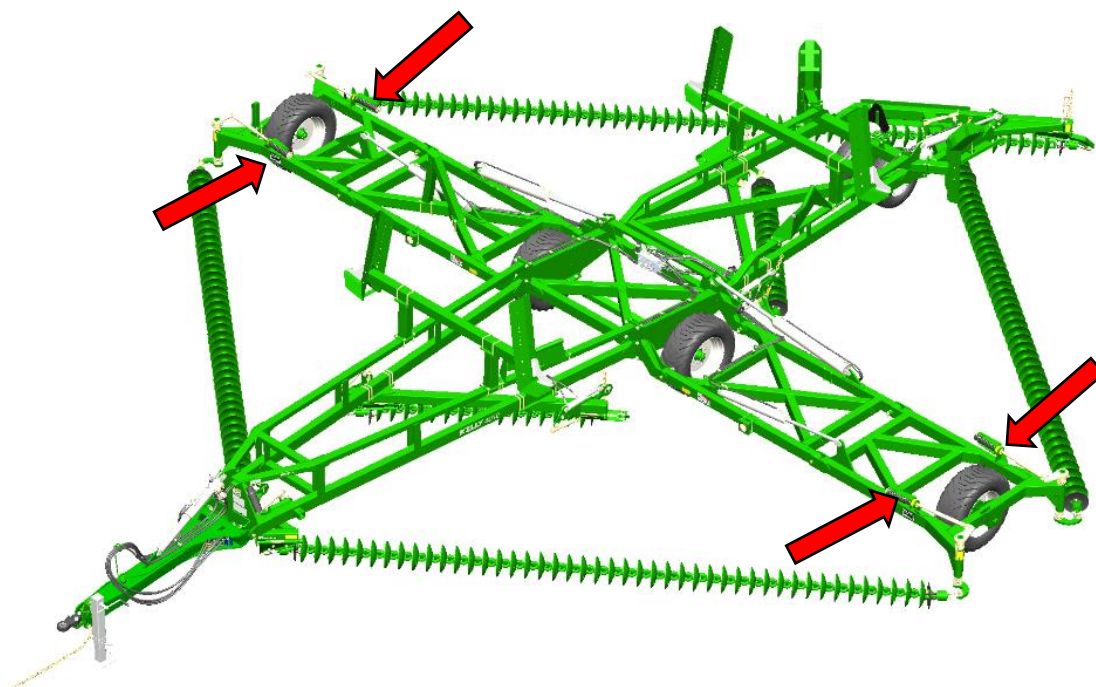


Figure 3 - Model 4012 machine.

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2. De-tension the spring by loosening the tension arm lock nut and then undoing the tension rod completely. Remove the lock nut from the tension rod.

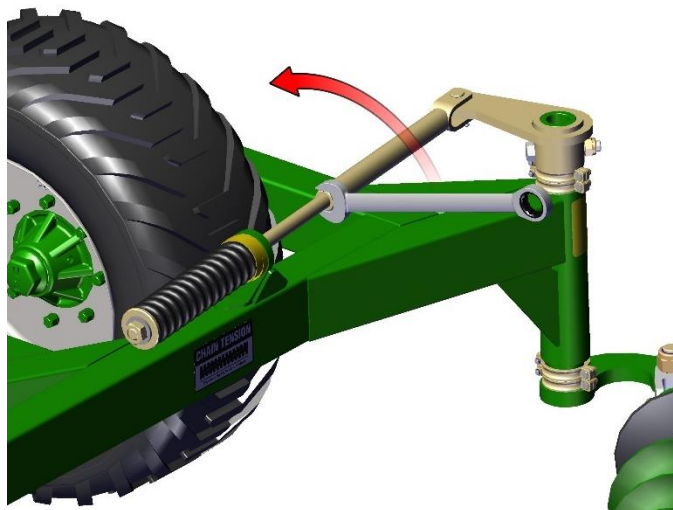


Figure 4 - loosen the lock nut

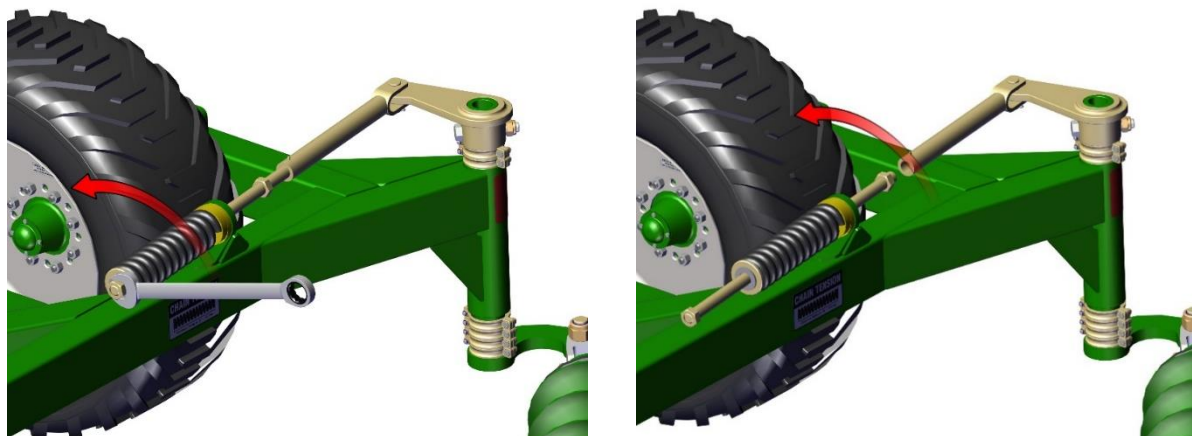


Figure 5 - unscrew the tension rod completely and remove the lock nut

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3. Remove the spring and spring retainer components from the tension rod and ensure all parts are clean from residue build up.
4. Reassemble the tension rod and spring retainer components and include the spring tension indicator component (part number 0800-758) as indicated below.

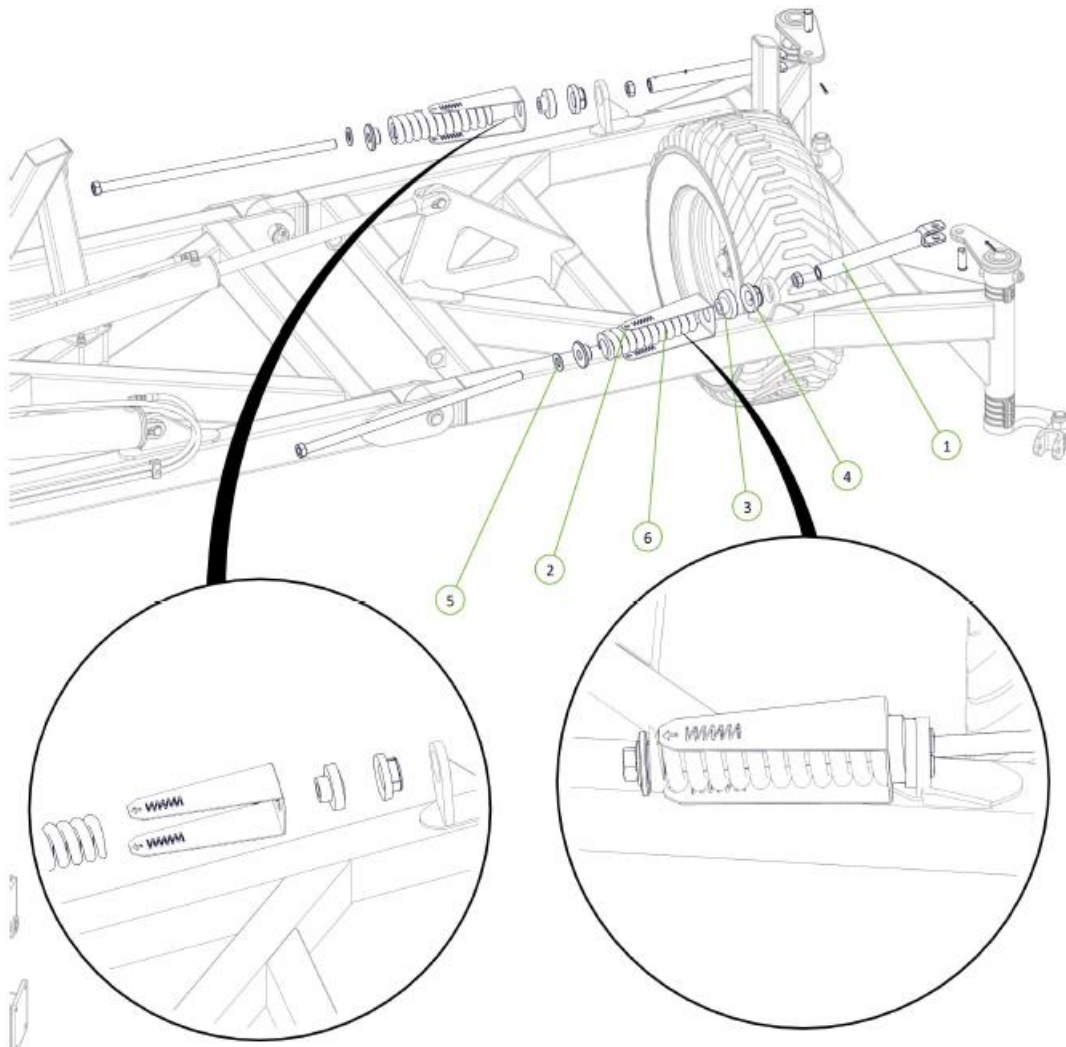


Figure 6 - Installation of the Spring Tension Indicator

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5. Install the tension rod locking nut to the tension rod.

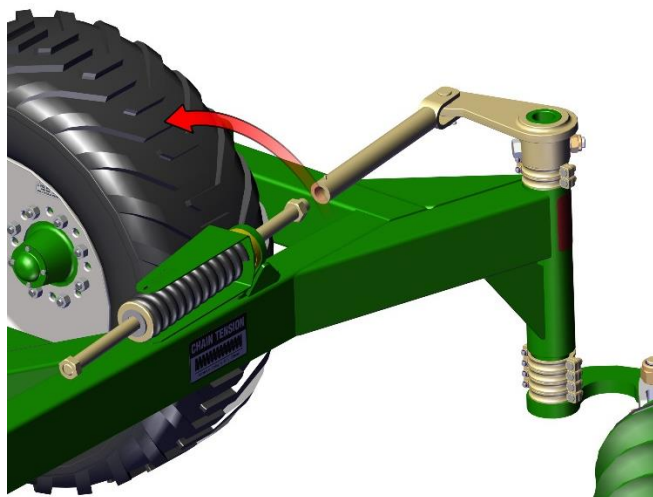


Figure 7 - Install the locking nut

6. Install the tension rod and spring assembly into the chain tension adjuster.

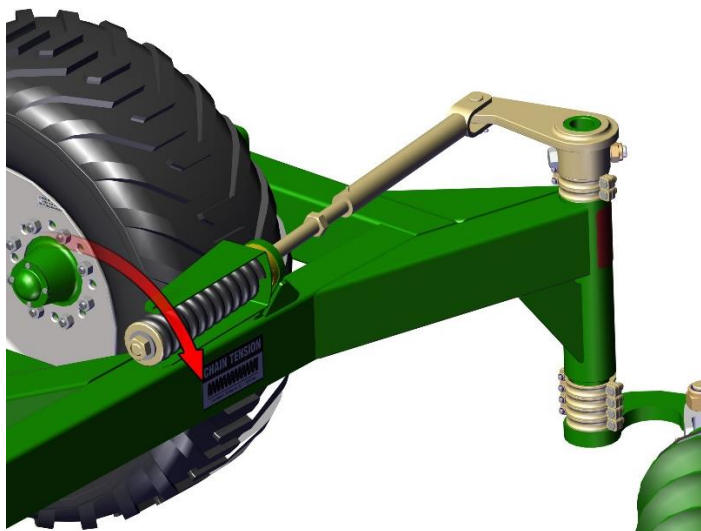


Figure 8 - Install the spring assembly

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7. Continue to turn the spring tension rod such the spring is compressed until the length is matched to the length of the spring tension indicator.

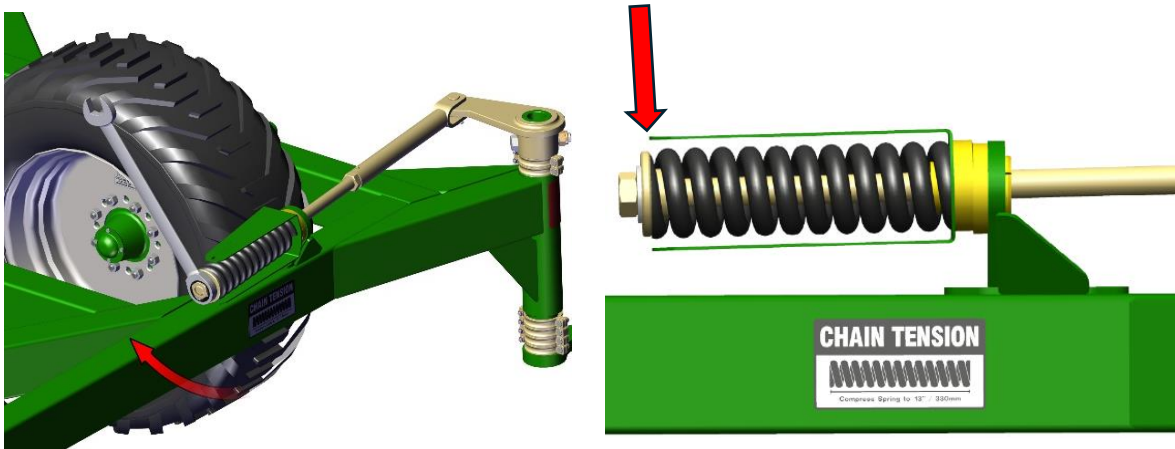


Figure 9 - Setting correct spring tension

8. Tighten the lock nut to lock the spring tension setting.

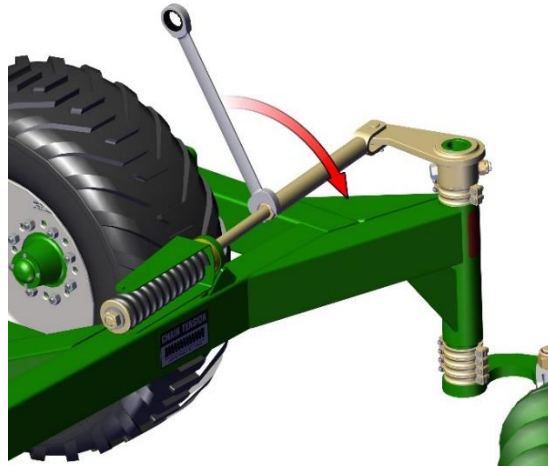


Figure 10 - Tighten lock nut

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4. Important Warranty Information:

Setting the spring correctly is crucial in maintaining the integrity and quality of the machine and avoid costly breakdowns and repairs. Failure to remedy over excessive spring tension, under the terms of the KELLY Tillage warranty policy, will result in the warranty of the machine being null and void. Moreover, the suggested modifications detailed in this document must be undertaken using KELLY Tillage genuine parts.

5. Contact Information:

If you have any questions or issues regarding the warranty process, please do not hesitate to contact the Kelly Team at: warranty@kellytillage.com

Replacement Parts can be ordered from:

Australia:

KELLY Tillage Pty. Ltd

Phone: 08 8667 2253

Email: parts@kellytillage.com

North America:

Hood & Company, Inc

Phone: 417-865-2100

Email: parts@hoodco.com

Europe:

KELLY Tillage Europe GmbH

Phone: +61 8 8667 2253

Email: parts@kellytillage.com