



Technical Bulletin 085

4012 Chain Management Upgrades

Priority:

High Priority Installation

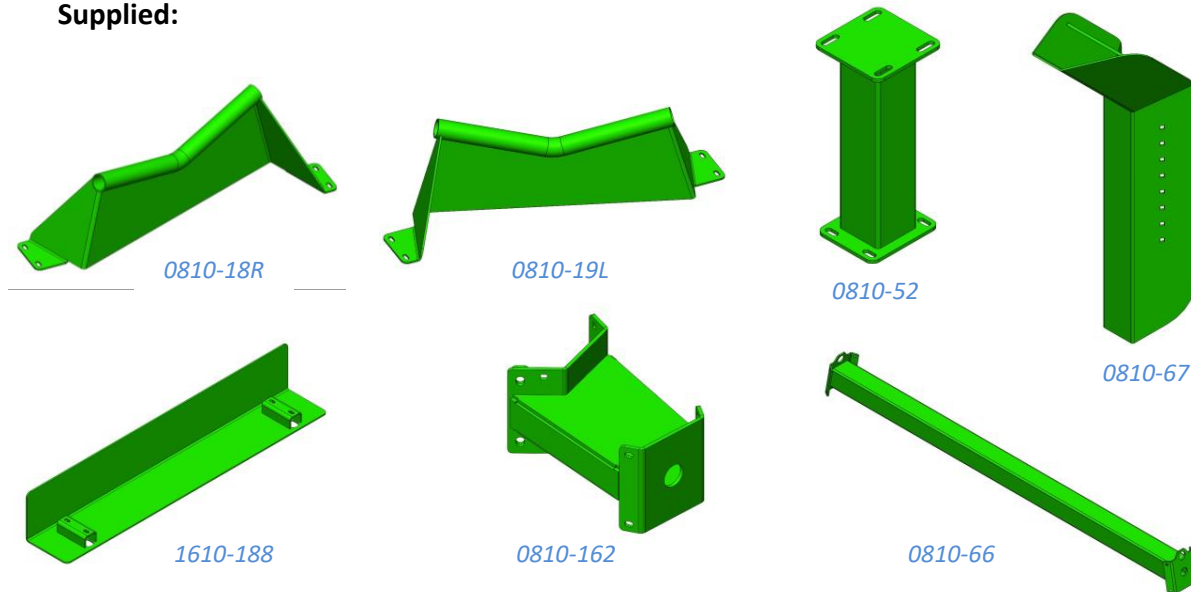
Overview:

Kelly is always seeking to improve its machines and designs in collaboration with our customers. It has been reported that during transport the chain is able to contact the frame of the 4012 machine.

This technical bulletin is to be implemented on 4012 machines from SN. 2210162-4012 onwards.

4012 Chain Management Upgrades

Supplied:



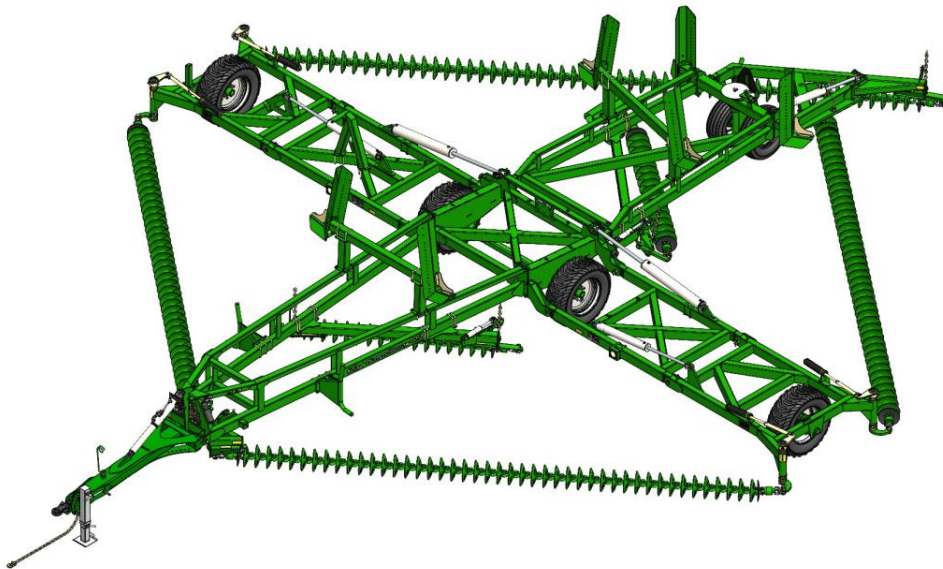
<i>Fabrications</i>		
Part Number	Description	Qty.
0810-162	Rear Outrigger	2
0810-18R	Right Hand Offset M	1
0810-19L	Left Hand Offset M	1
0810-52	500mm Pedestal	2
0810-66	Angled Chain Carrier Beam	2
0810-67	Chain Catcher	2
1610-188	Rear Tail Guard	1

<i>Fasteners</i>		
Part Number	Description	Qty.
0215-CH1240	M12x40 Coach Head Bolt	16
0221-NYL12	Nyloc Nut M12	28
0221-NYL16	Nyloc Nut M16	12
0231-F12	Washer Flat M12	28
0231-F16	Washer Flat M16	12
0264-RTRi-5584	Round Tube Insert 60.3 x 3.2-5mm	4
0271-1210679U	U-Bolt M12 x 79 Deep x 106 Wide	2
0271-12107106U	U-Bolt M12 x 107 Deep x 106 Wide	2
0271-12188106U	U-Bolt M12 x 188 Deep x 106 Wide	2
0271-16162129U	U-Bolt M16 x 162 Deep x 129 Wide	6

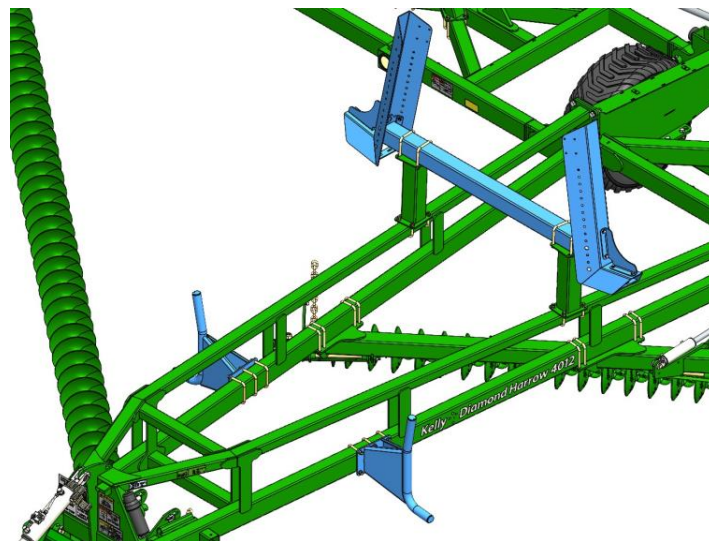
4012 Chain Management Upgrades

Installation:

1. Position your Kelly Diamond Harrow on firm and even ground. Unfold the machine to working position.



2. Remove and set aside the chain carrier ends, then remove and **DISCARD** the front outriggers and chain carrier beam from the front A-frame (highlighted components).

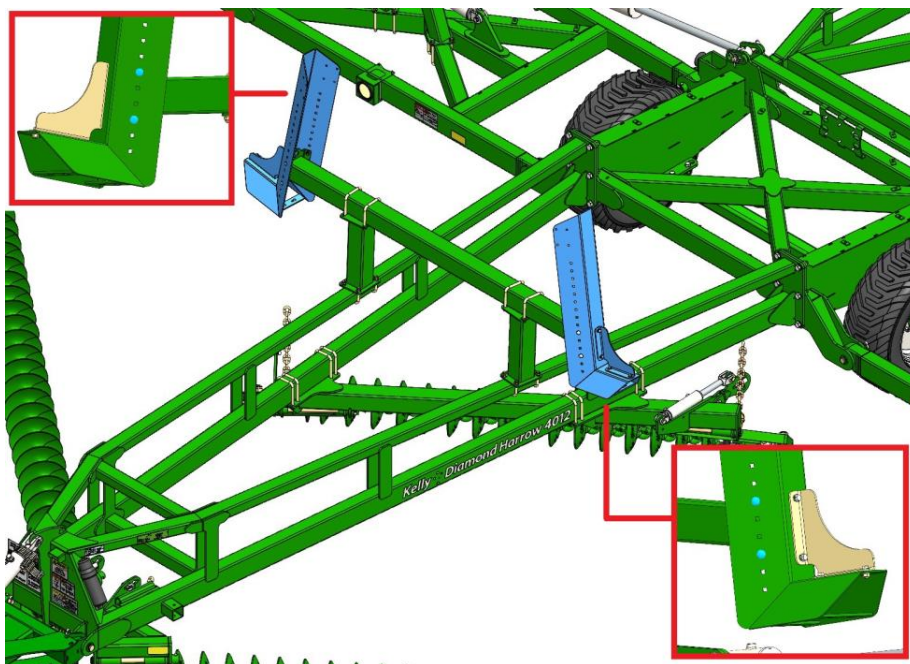


4012 Chain Management Upgrades

3. Re-position both pedestals to match the measurement shown below. Lift one of the supplied 0810-66 chain carrier beams into place and secure with existing U-bolts.

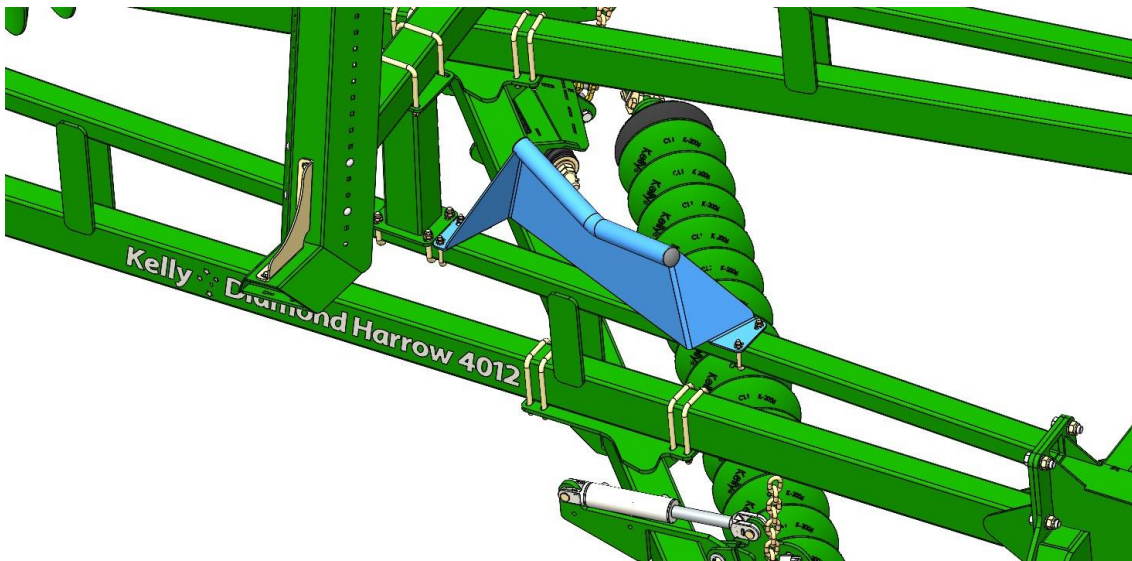


4. Re-mount the chain carrier ends onto the chain carrier beam with the lowest bolt in the 3rd hole from the bottom as pictured.

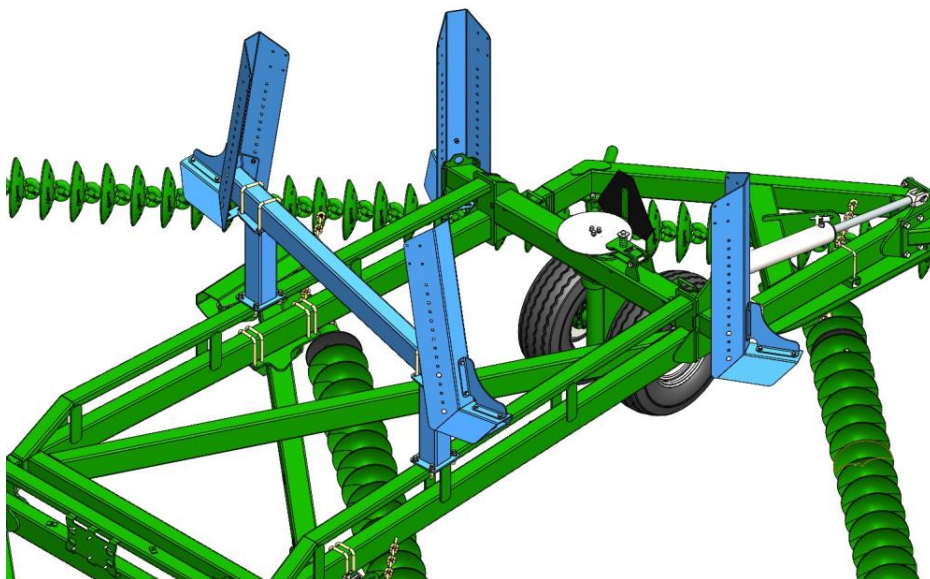


4012 Chain Management Upgrades

5. Mount 0810-19L onto the left-hand side of the front A-Frame as shown below with the supplied 0271-12107106U u-bolts. Insert 2 x 0264-RTRi-5584 into tube ends.

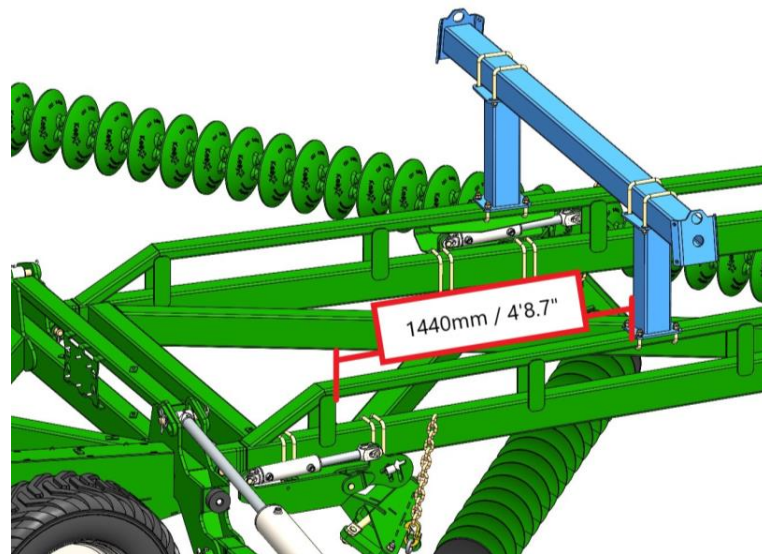


6. Remove and set aside the highlighted chain carrier ends, then remove and **DISCARD** the chain carrier beam and pedestals from the rear A-Frame.

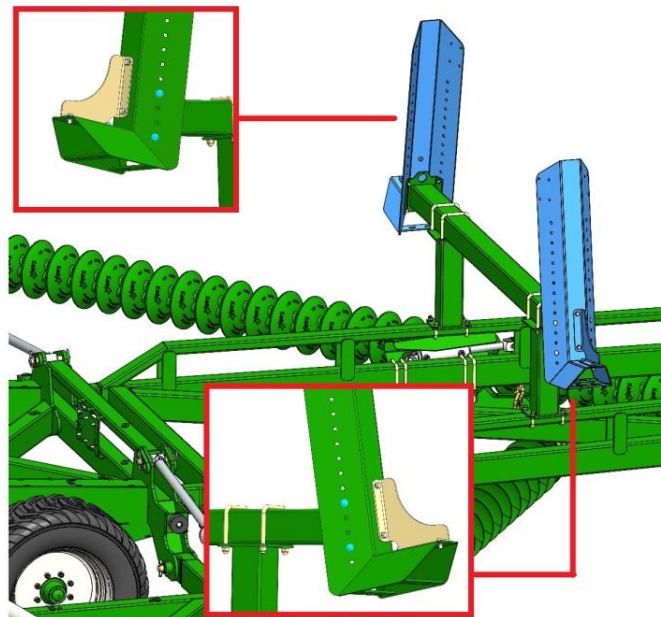


4012 Chain Management Upgrades

7. Position the supplied 0810-52 pedestals as shown below. Lift and secure in place the remaining 0810-66 chain carrier beam using the 0271-16162129U u-bolts.

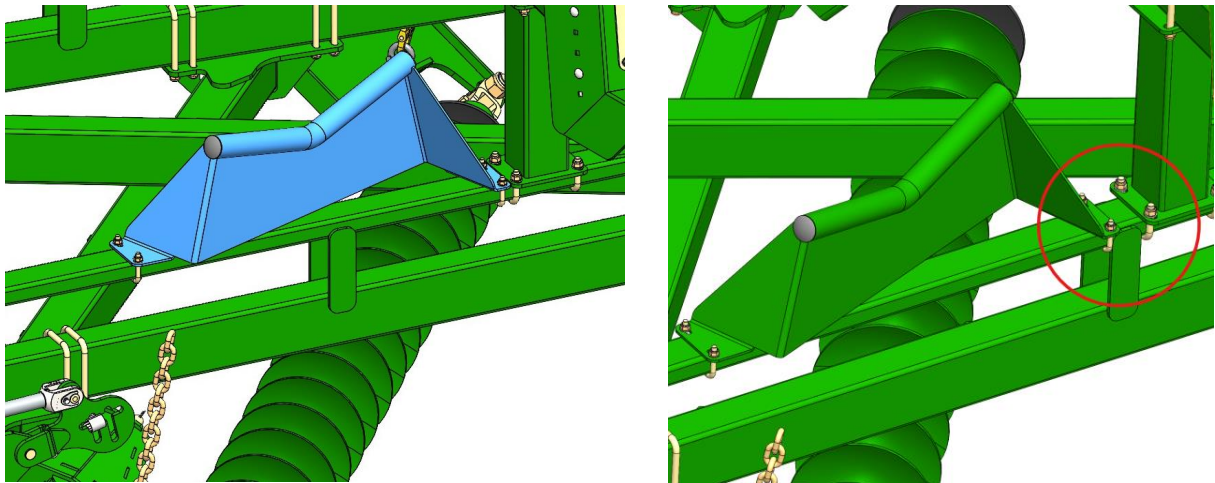


8. Re-mount the chain carrier ends onto the chain carrier beam at the height settings pictured below.

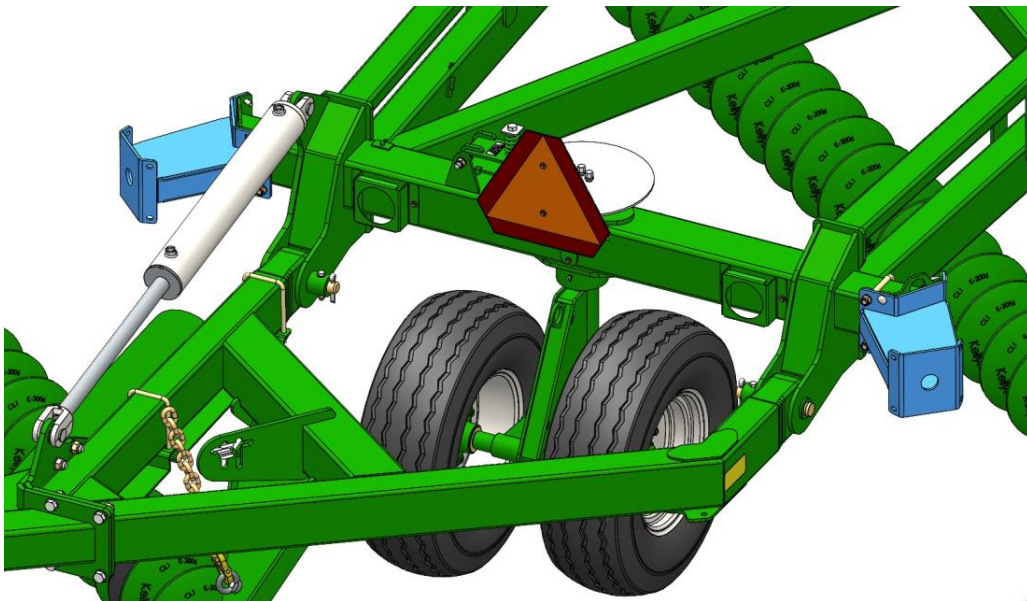


4012 Chain Management Upgrades

9. Mount 0810-18R onto the left-hand side of the rear A-Frame as shown below with the supplied 0271-1210679U u-bolts. Insert 2 x 0264-RTRi-5584 into tube ends. NOTE: If the A-frame strap is welded in the position shown on the right, position 0810-18R as close to it as possible.

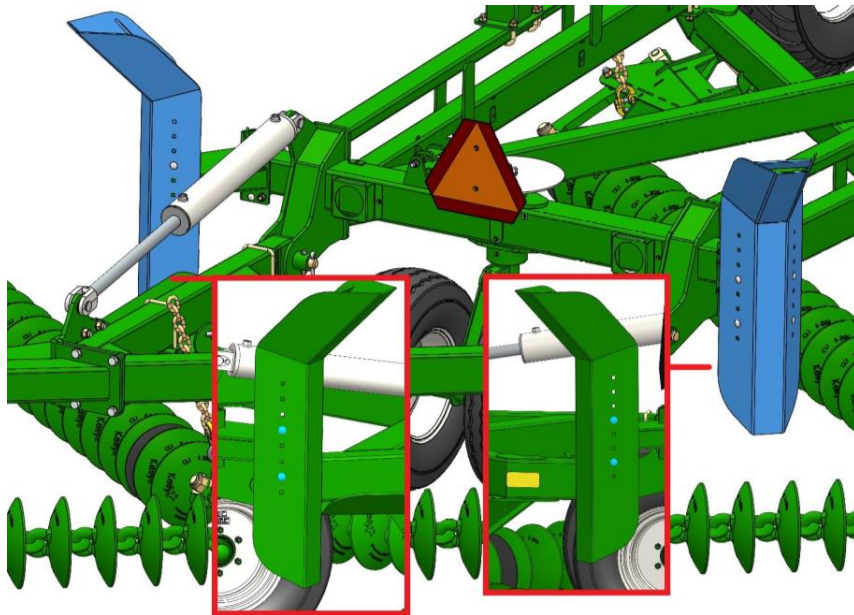


10. Attach the 0810-162 outrigger extensions to the back corners of the machine using the supplied coach head bolts and supplied 0271-16162129U u-bolts.

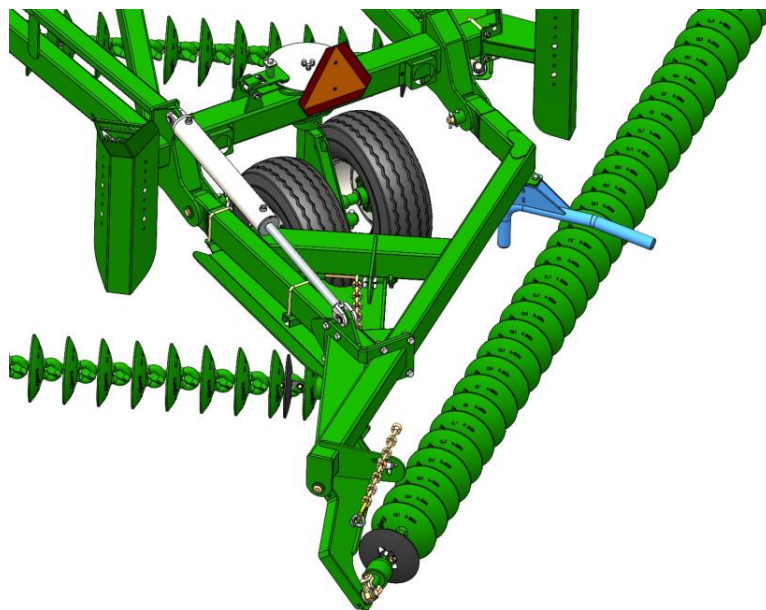


4012 Chain Management Upgrades

11. Mount the 0810-67 chain catchers onto the outrigger extension with the bottom bolt located in the 2nd hole from the bottom (pictured below)

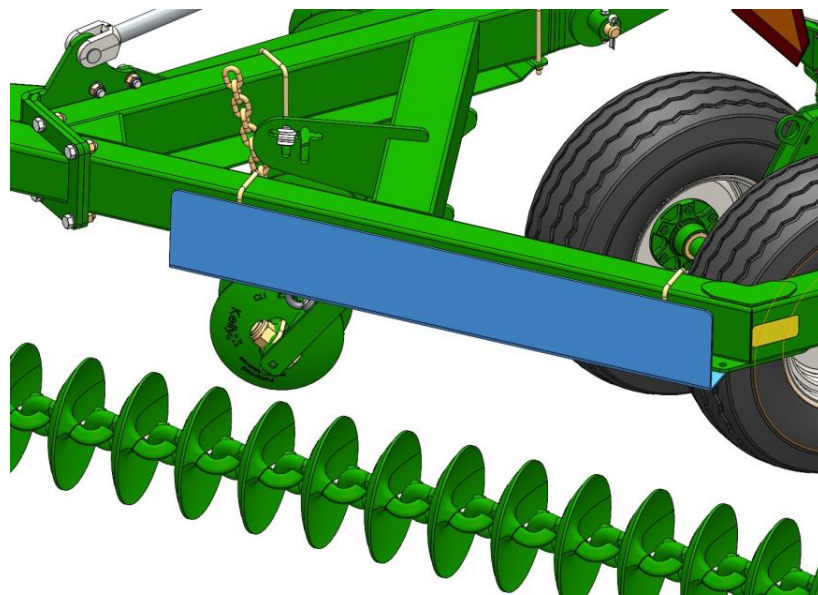


12. Remove and **DISCARD** the highlighted pipe guard from the tail.

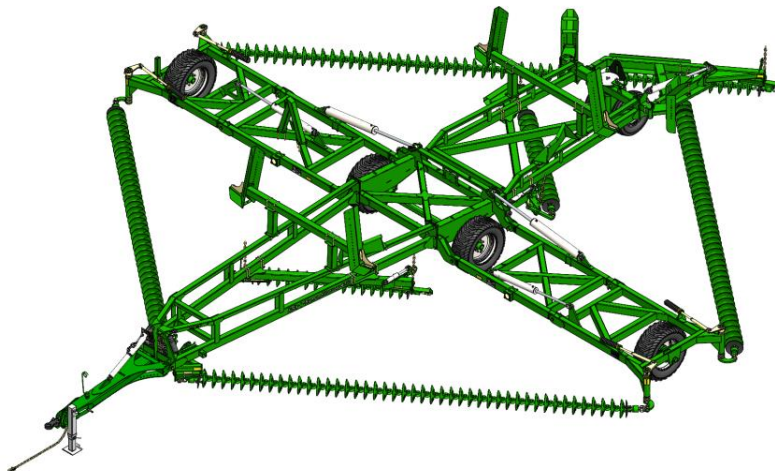


4012 Chain Management Upgrades

13. Mount Guard 1610-188 onto the tail as shown below using the supplied 0271-12188106U u-bolts.



14. Fold the machine, ensuring chain does not snag or catch and sits securely ready for transport. The chain management upgrade is now complete. **[NOTE: Ensure that chains are correctly tensioned as per the Operators Manual. Failure to do so can lead to premature chain wear, incorrect machine folding and warranty being void]**





Technical Bulletin 085

4012 Chain Management Upgrades

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

Important Warranty Information:

This fix is crucial in maintaining the integrity and quality of the machine and to avoid costly breakdown and repairs. Failure on the part of the dealer and/or the customer to make or arrange that fix could, under the terms of the Kelly warranty policy result in the warranty of the machine being null and void. Moreover, the fix must be performed with parts or components supplied by Kelly. Failure to do so, under the terms of the policy, would mean the warranty would be void.