

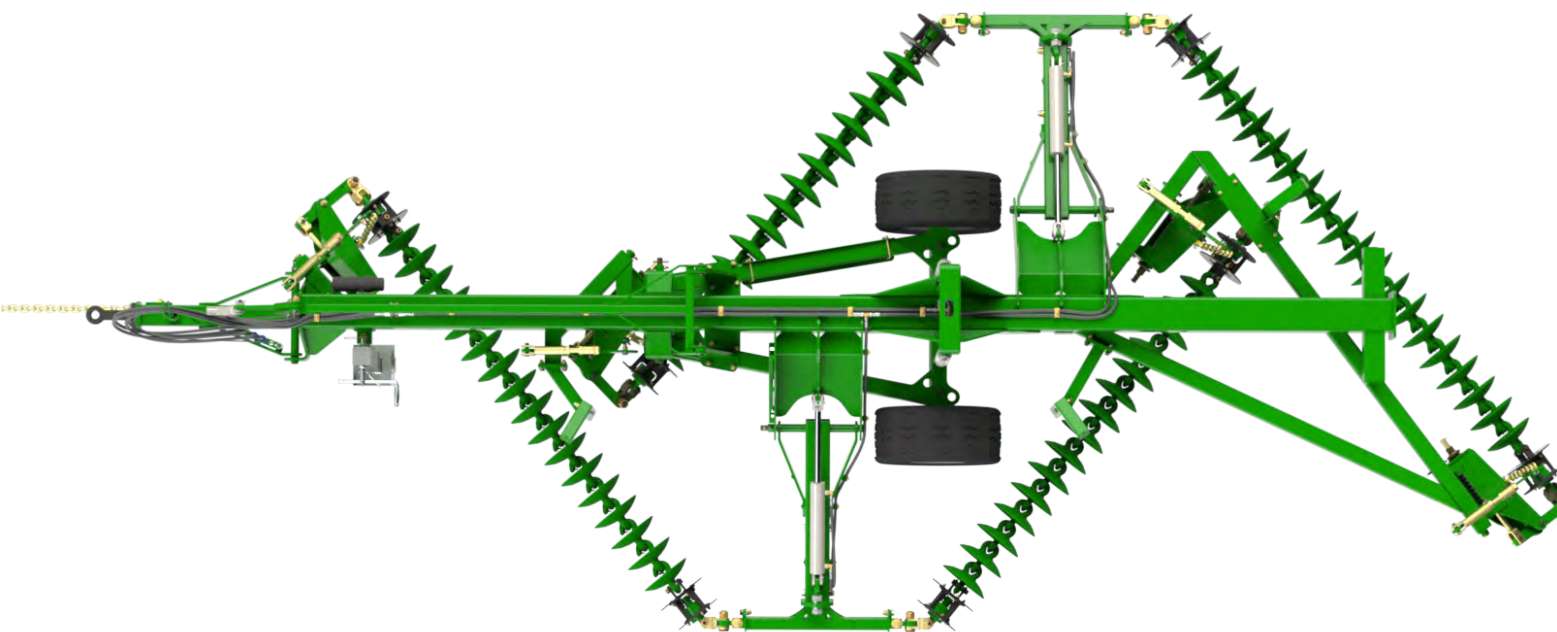


Better Tillage. Better Tomorrow.

Assembly Manual

KELLY TILLAGE SYSTEM 1204

KTAM-B-01012025



SERIAL NUMBER:



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Thank you for choosing a KELLY product.

We trust that you find the following manual clear and easy to follow. If you should require additional customer support or assistance, please do not hesitate to contact us.

Spare parts can be purchased, as required, through your local dealer or by contacting KELLY directly.

The KELLY team values your feedback. Should you have any difficulties that you wish to raise, suggestions for improvement or modifications that you feel would enhance our products we look forward to hearing from you.

Contact Us

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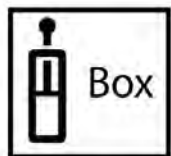
Legend



This symbol indicates which bag the relevant fasteners are in.



This symbol indicates which bag the relevant hydraulics are in.



This symbol indicates the hydraulics are in a box.



This symbol indicates which way the machine is travelling.

Bolt torque settings

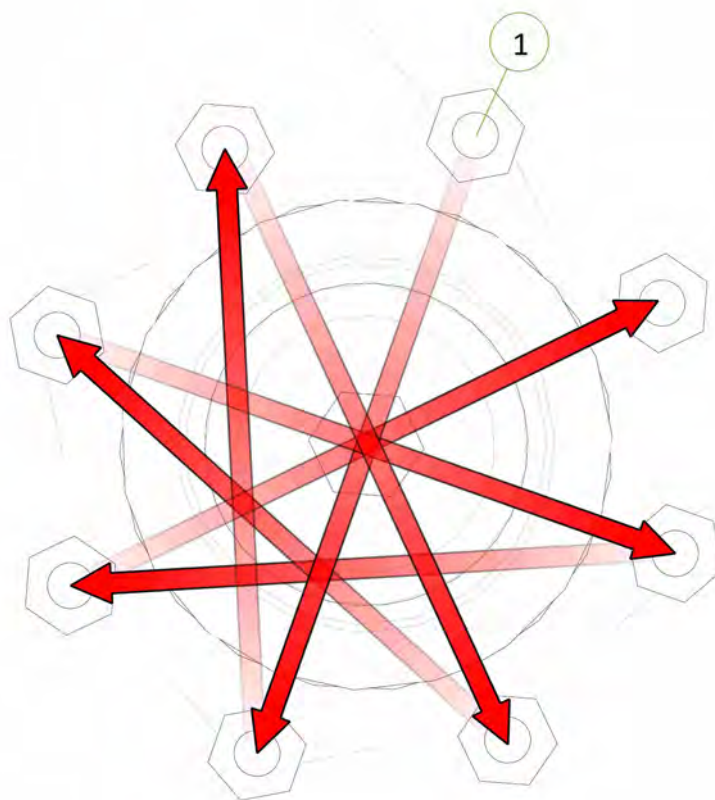
Bolt Type	Wheel nut				U Bolt			Class 8.8 Bolt					Class 10.9 Bolt		Grade 8 Bolt
Bolt Size	M18	M20	1/2"	9/16"	M10	M12	M16	M10	M12	M16	M20	M24	M20	M24	1" UNF
Ft lb	255	265	90	100	22	36	55	32	48	140	190	270	300	350	849
Nm	345	360	125	140	30	50	75	44	65	190	260	370	406	475	1151

[1] When fitting a wheel and tyre to a hub, tighten the wheel nuts in a star pattern to the correct tension. To achieve this, choose a wheel nut & tighten, then proceed to the opposite side of the hub to the next wheel nut and tighten and so on until all wheel nuts are tight. Then repeat the procedure to check that all nuts are tight. Do not use impact tools to tighten wheel nuts.

For a guide to the correct tension of the wheel nuts please use the appropriate tension for your size wheel nuts from the Bolt Torque Settings table.

Torque values are for dry threads and surfaces however it is permissible to apply a small amount of anti-corrosive oil to the threads.

Verification and recording of the prescribed torque settings in the table above is the responsibility of the assembler and it shall be documented in accordance with their approved Quality Assurance system

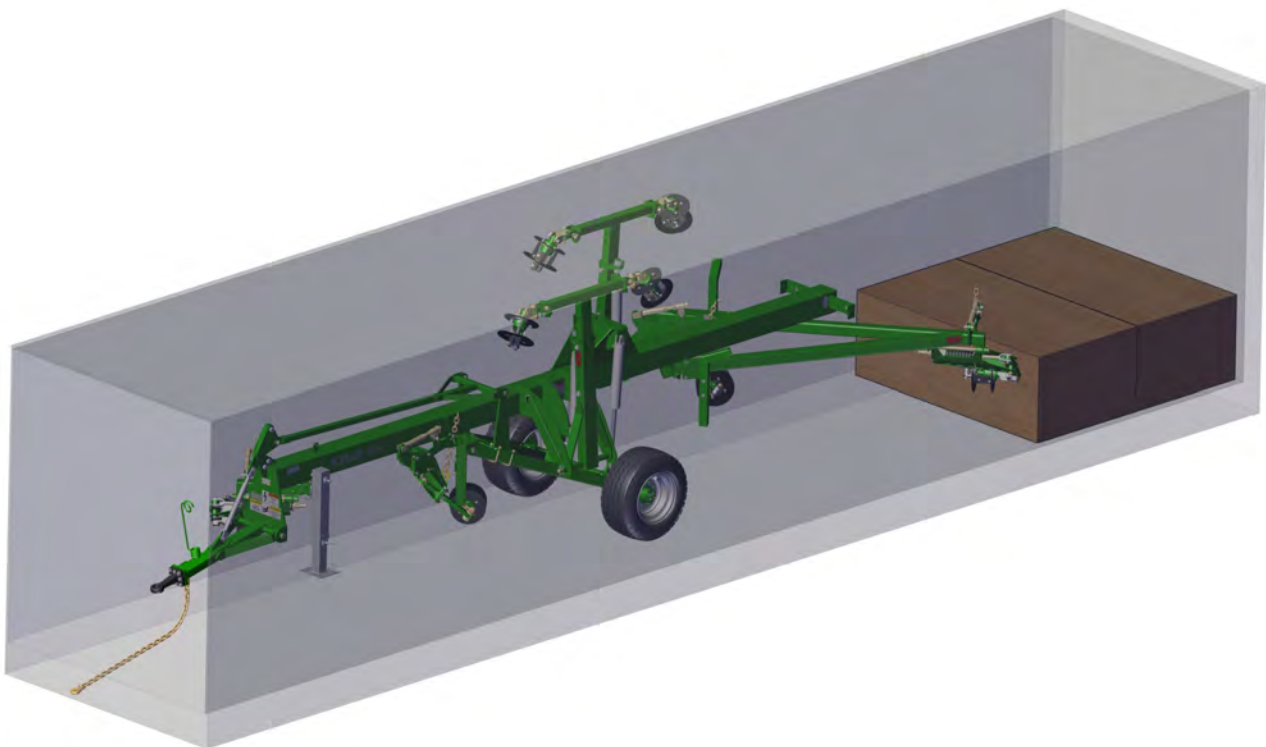




Section 1 - Unpacking

We recommend the use of suitable lifting equipment with a lifting capacity of at least 4 tones.

This machine is sent partly assembled in a 40ft container as below





Before unloading any loads please inspect exterior for damage.



CAUTION

Take care when opening doors as load may have shifted or restraints may have broken



CAUTION

Use personal protective protection (PPE) when releasing ratchet tie downs as may cause injury.

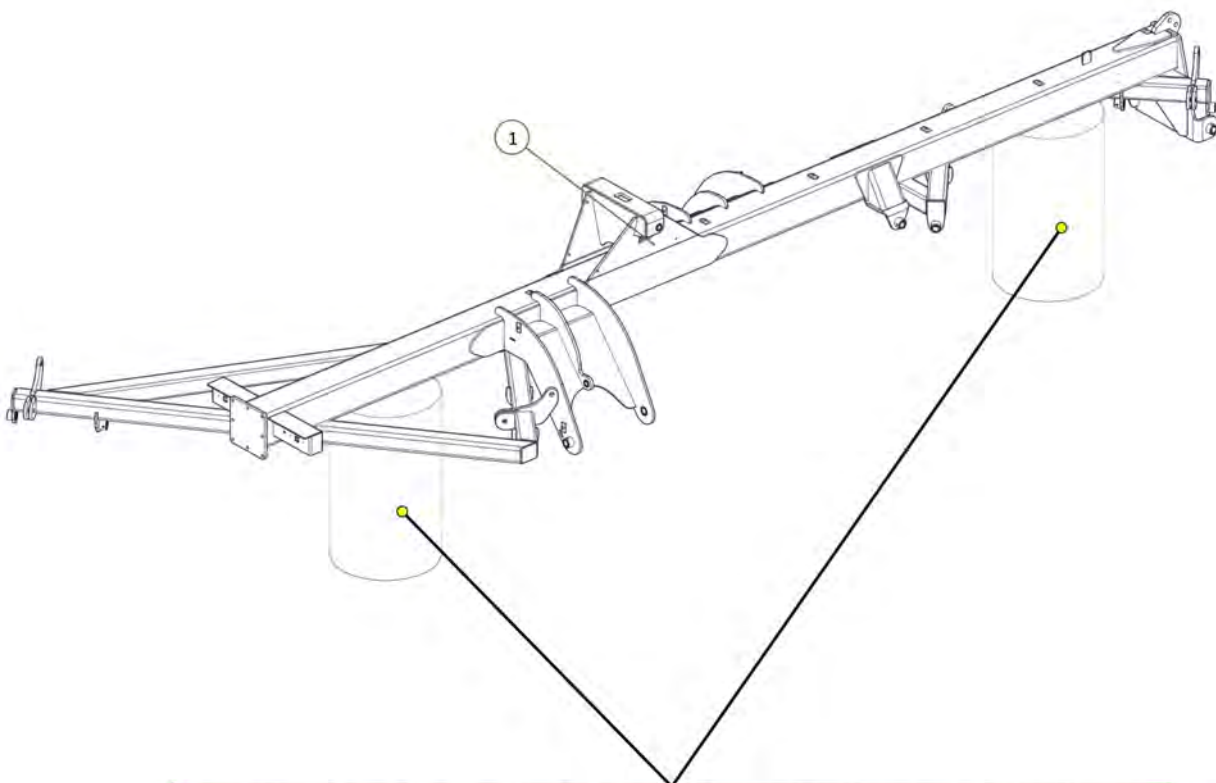


CAUTION

- Release ratchet tie downs holding the machine and place it in assembly area
- Remove boxes from rear of container one at a time using a forklift truck. Each box weighs approximately 5512 lbs (2500 kg)
- Once all parts have been identified, the chain set is ready for assembly
- Identify parts for each machine by serial no. or description and separate. Open parts box and check that all parts are accounted for against checklist
- Read assembly instructions before proceeding.

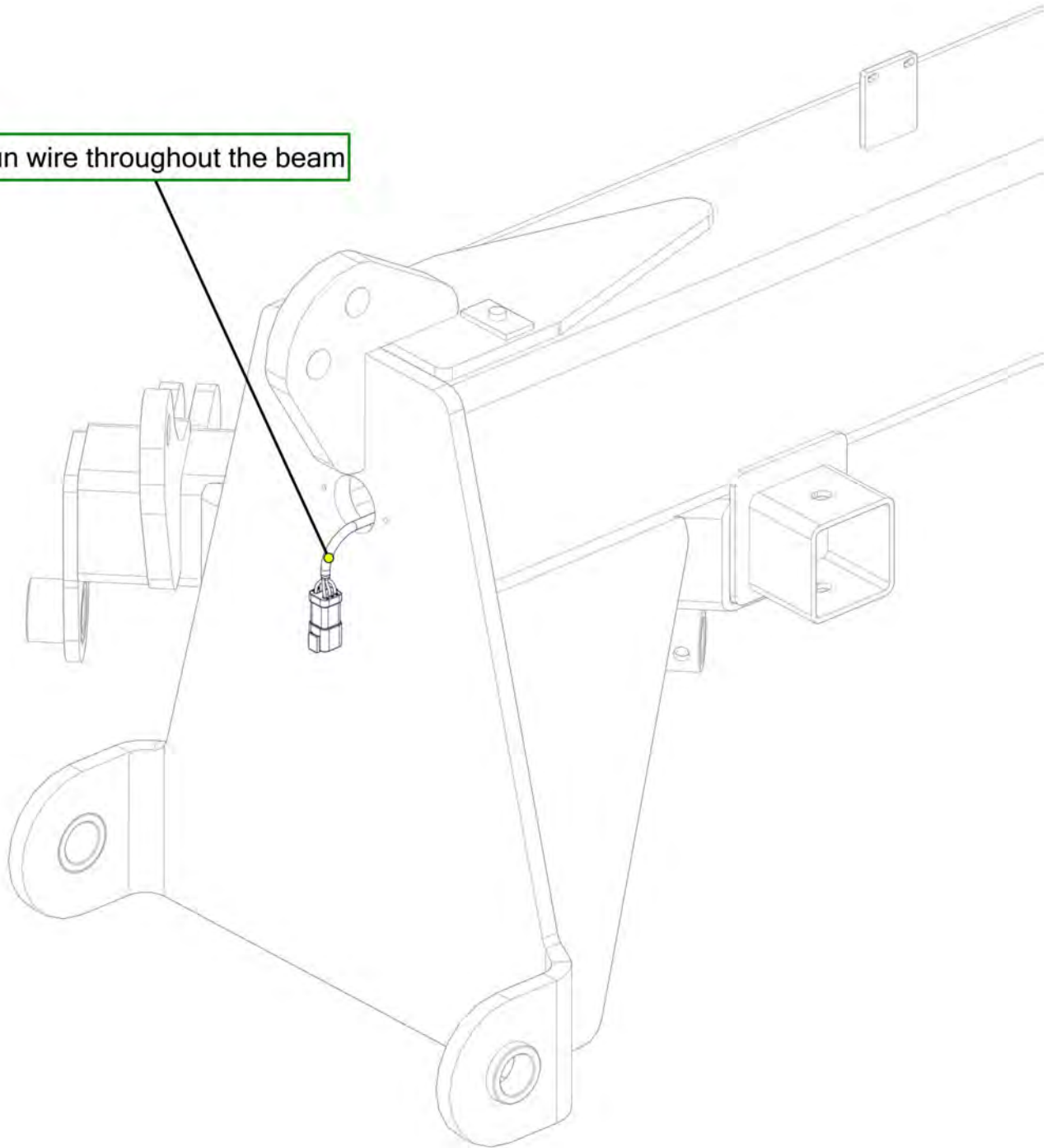
Section 2 - Light Kit

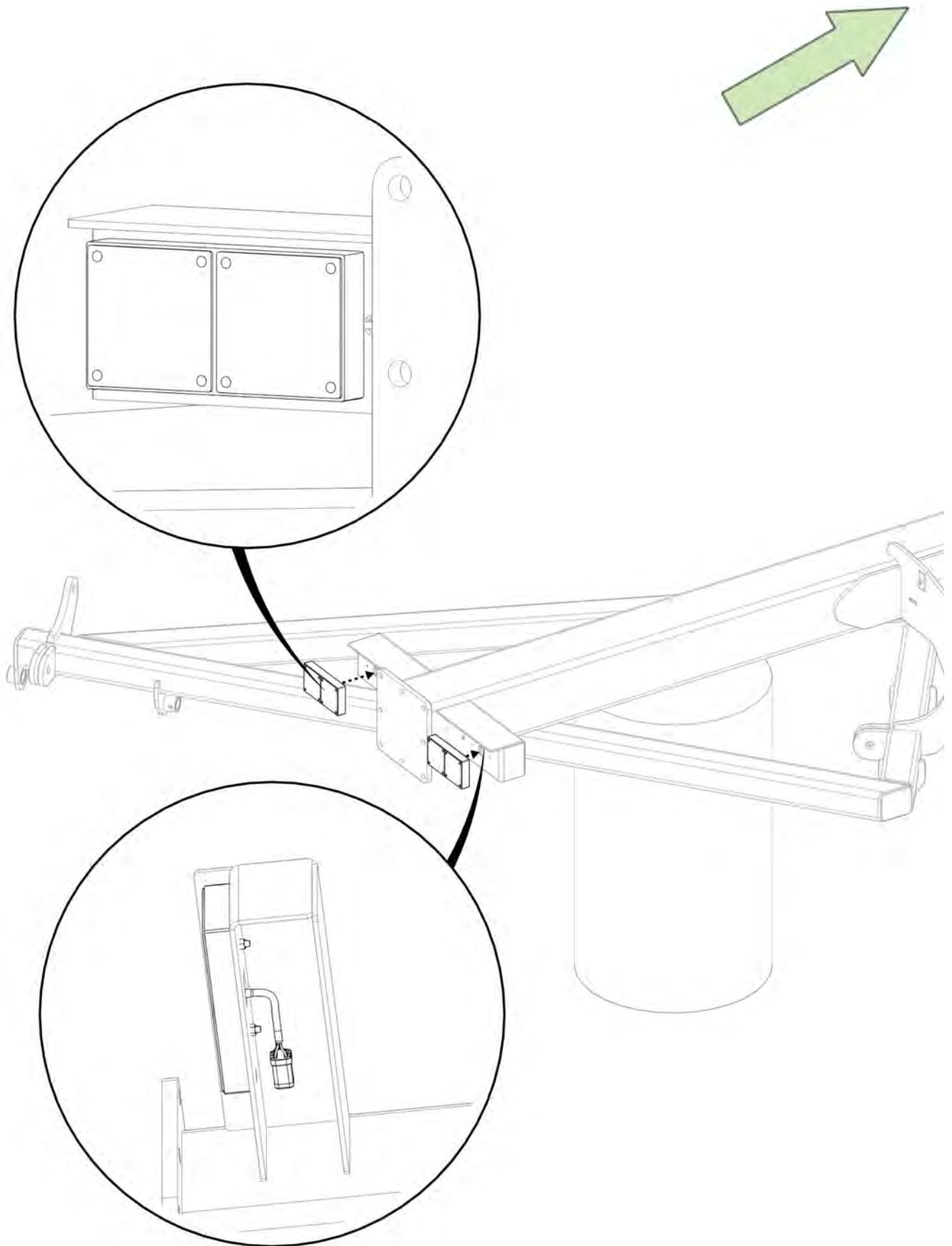
Item No.	Description	Number	Qty
1	3.5-4.5m KDH Centre Frame	1512-01	1

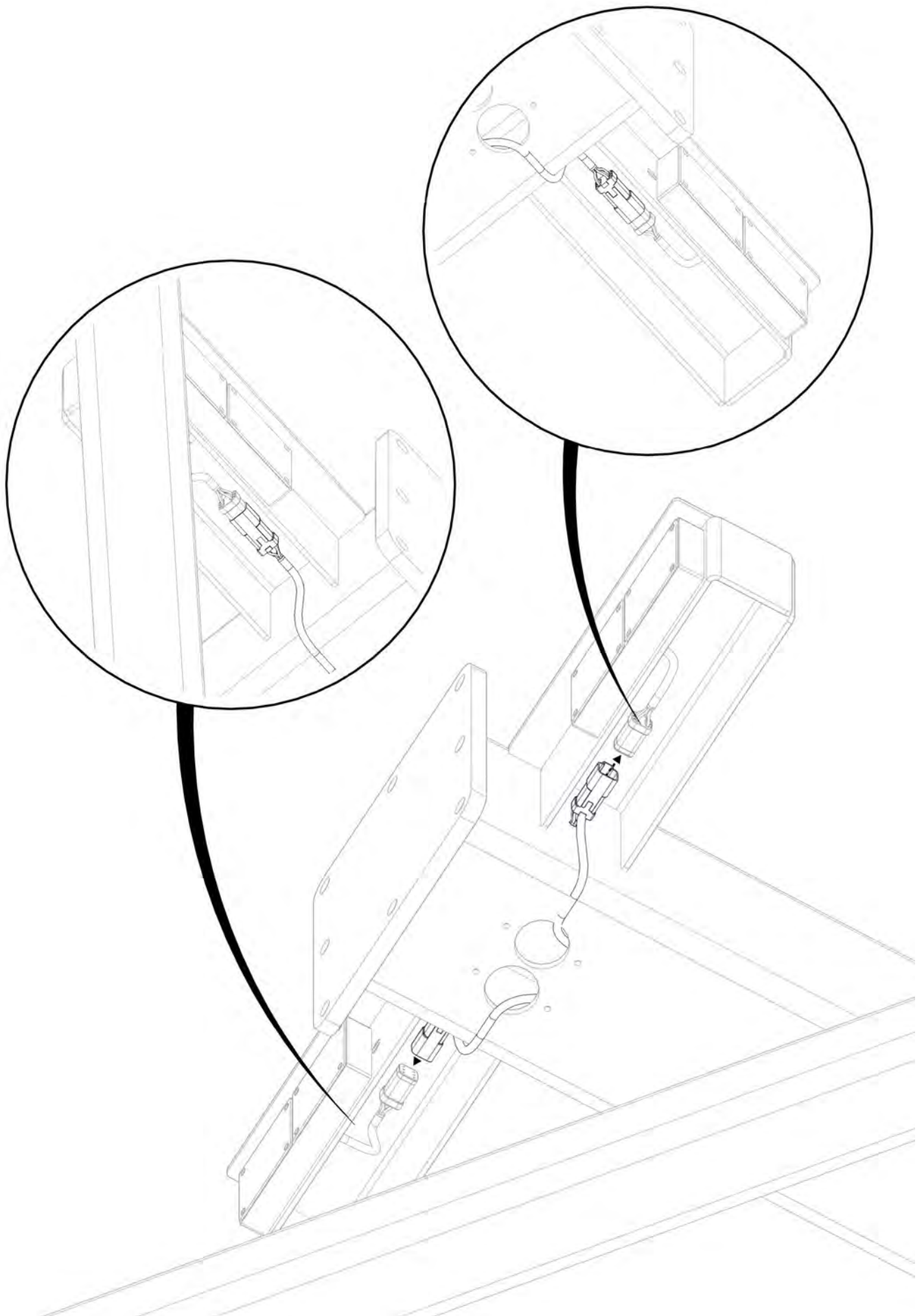


Support frame with blocks or stands during initial assembly. Approximately 1m clearance.

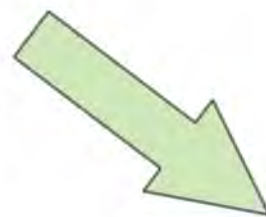
Run wire throughout the beam



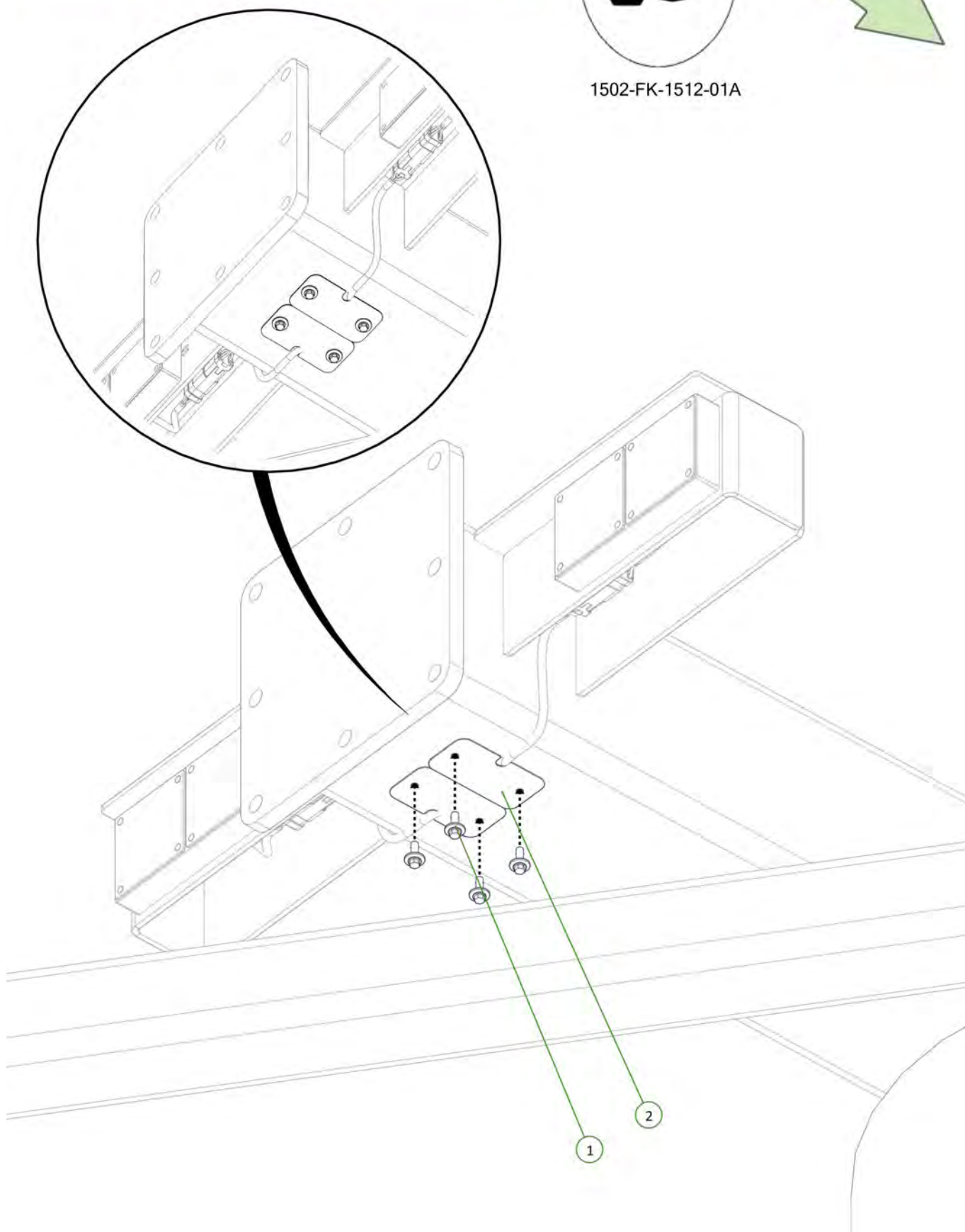




Item No.	Description	Number	Qty
1	M6 x 20mm Trilobe Screw	0211-M620MZPHTF	4
2	Wiring capping plate	1500-122	2



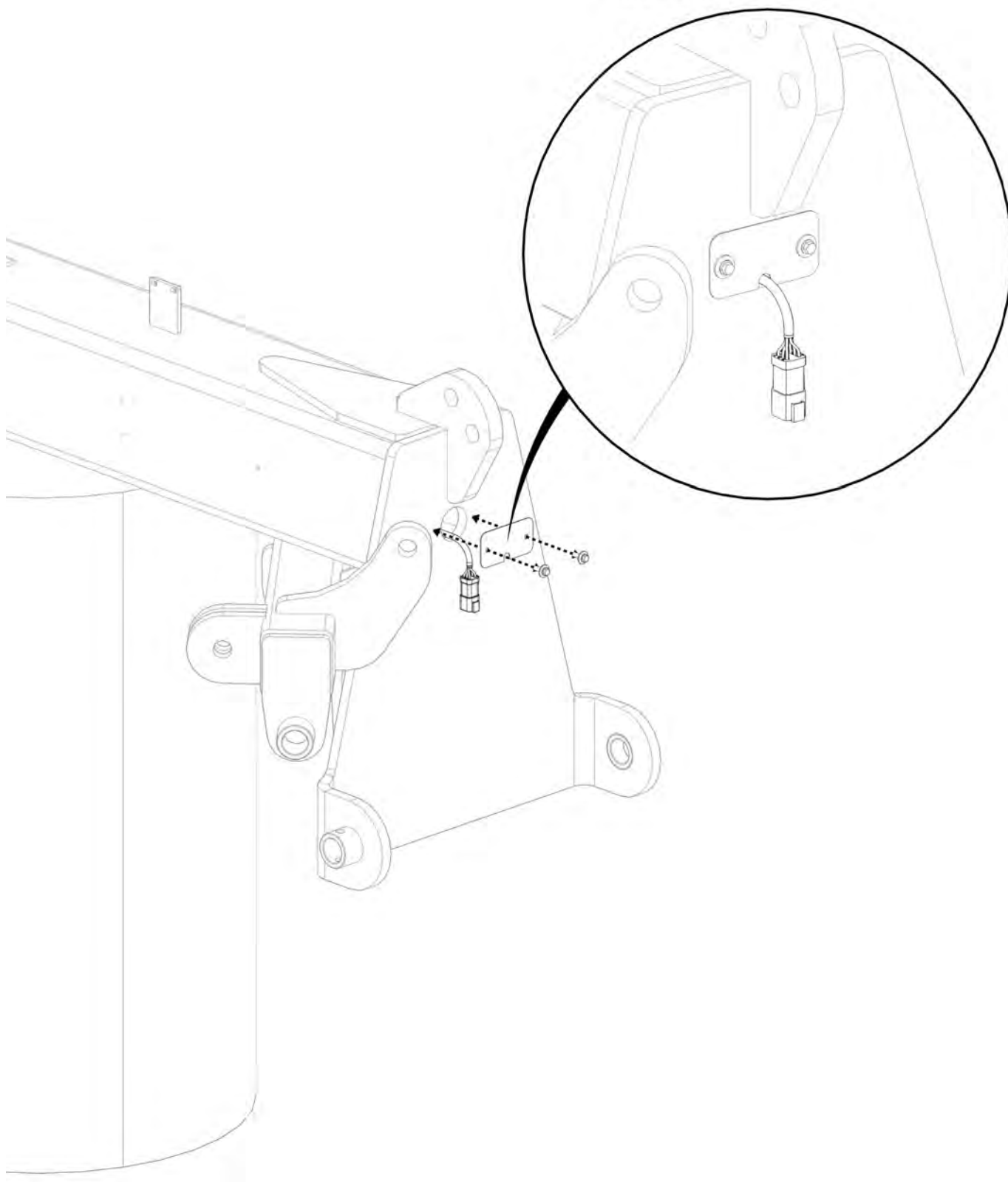
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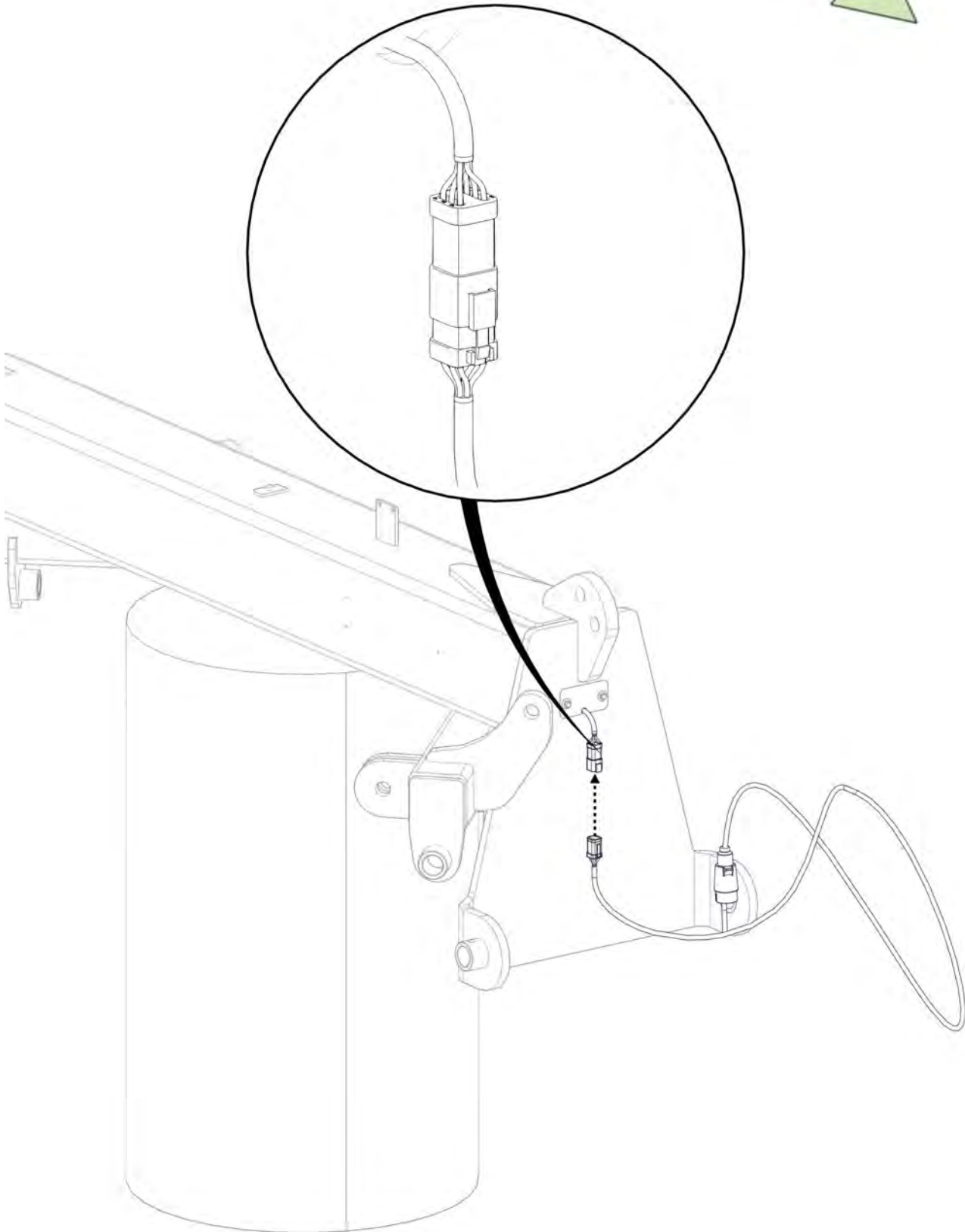
Item No.	Description	Number	Qty
1	M6 x 20mm Trilobe Screw	0211-M620MZPHTF	2
2	Wiring capping plate	1500-122	1



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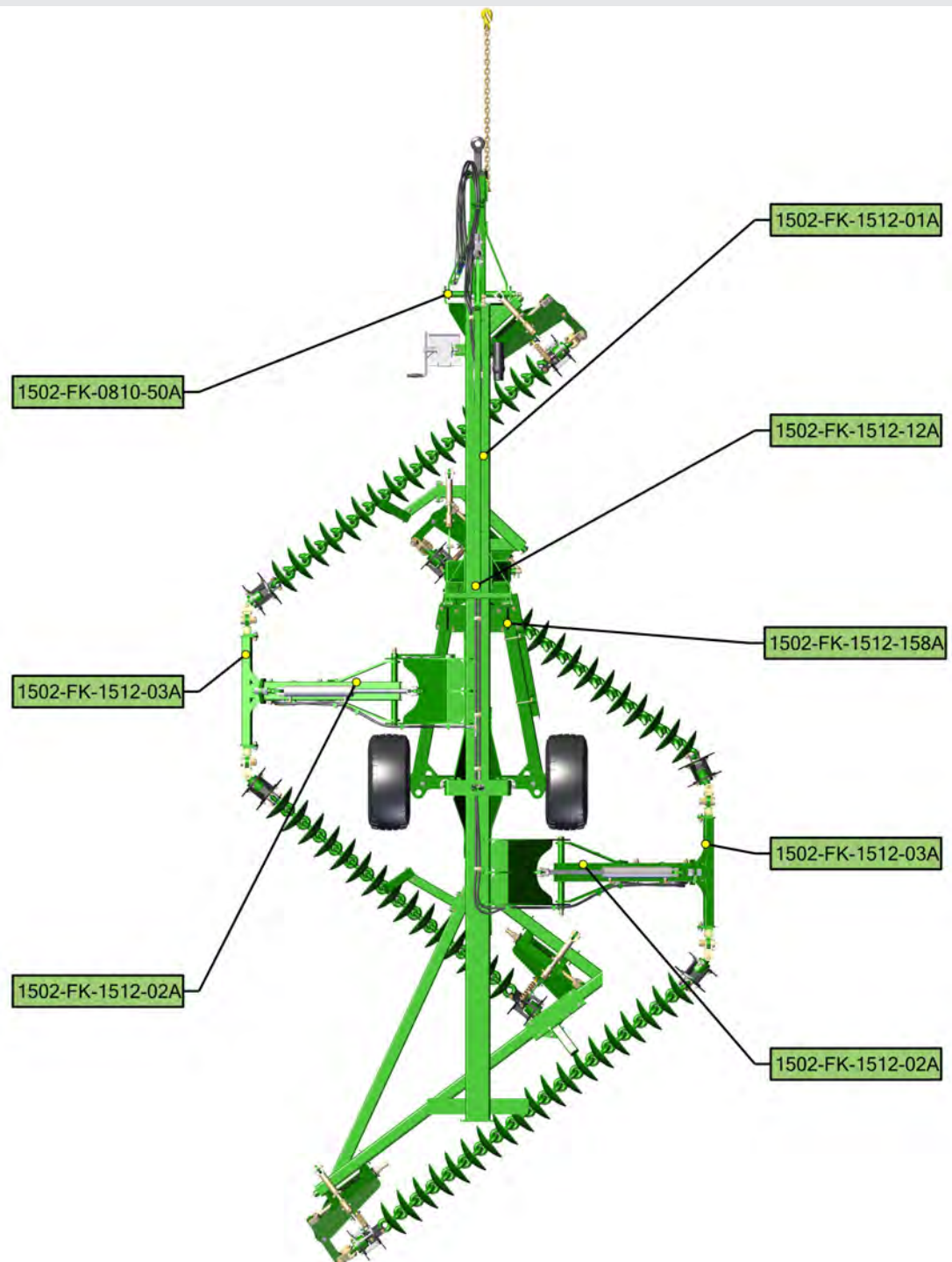


Item No.	Description	Number	Qty
1	Orchard Leveller Light Kit	1502-LK-OL	1

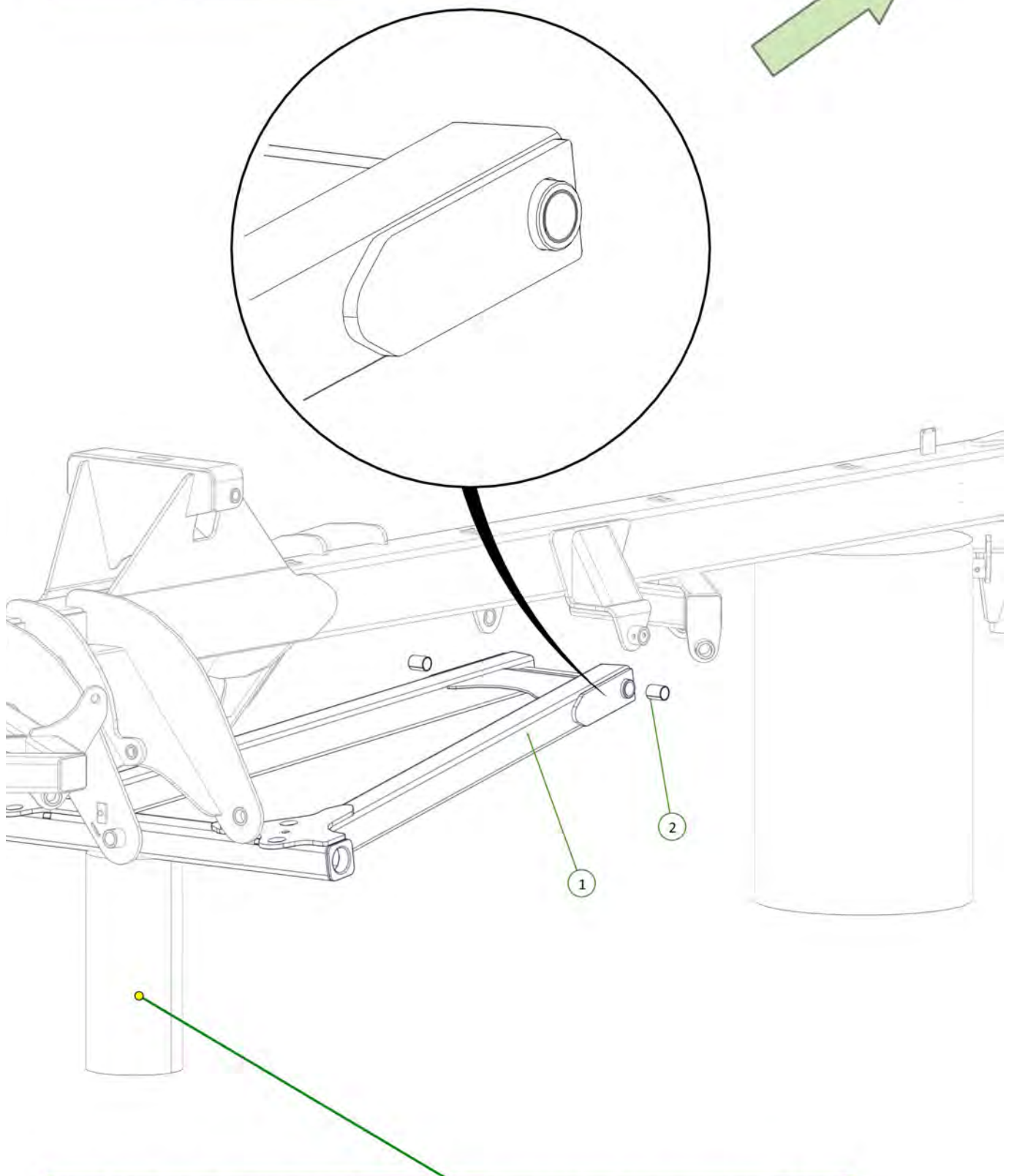




Section 3 - Assembly



Item No.	Description	Number	Qty
1	Wheel Arm Frame	0810-158	1
2	35 ID x 50mm DU Bush	0113-MB3550DU	2

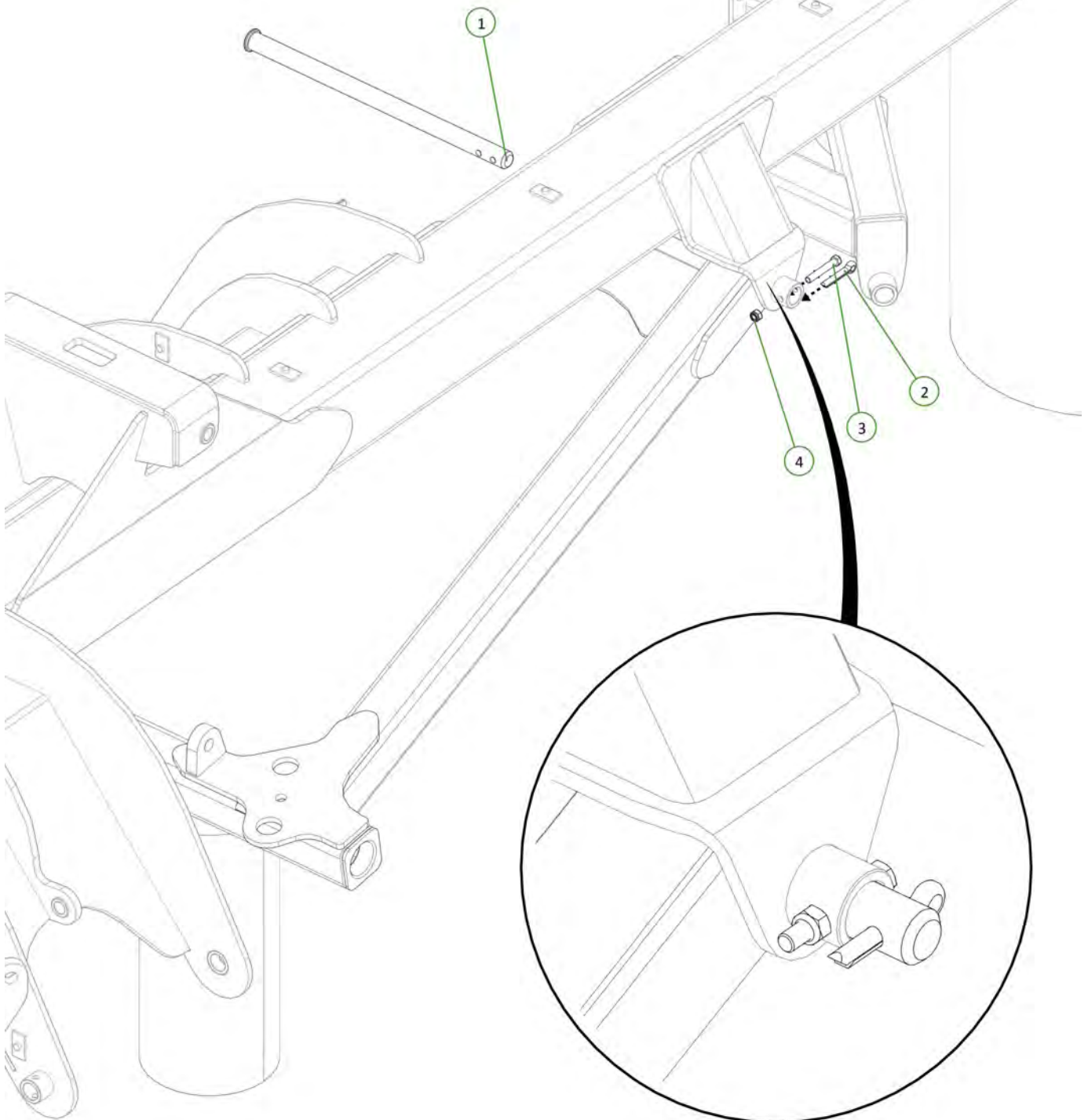


Use forklift to lift arm, insert bushes, and support wheel arm with a block

Item No.	Description	Number	Qty
1	Long Pivot Pin	1501-35615	1
2	Cotter Pin M13 x 63	0261-PINC1363	1
3	M12 x 80 Class 8.8 ZP Bolt	0211-1280	1
4	Nyloc Nut M12	0221-NYL12	1



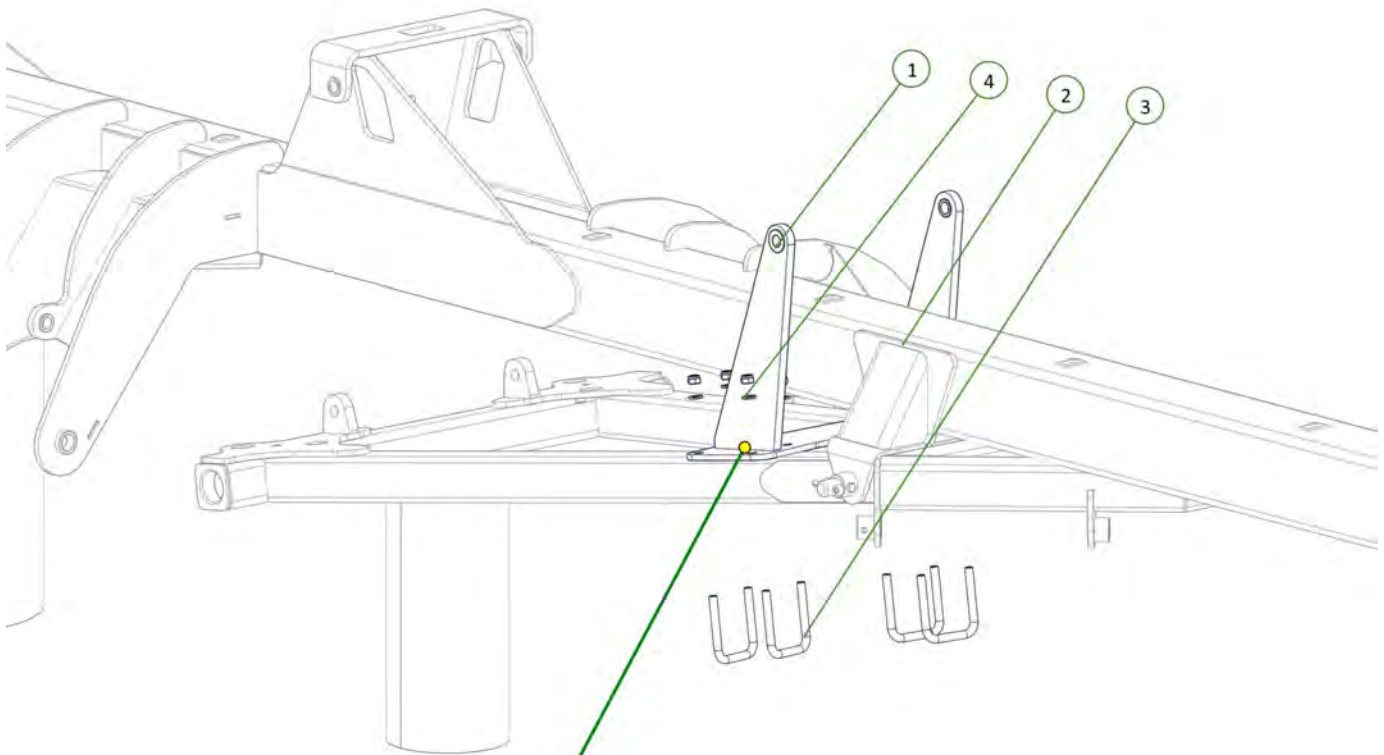
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Item No.	Description	Number	Qty
1	Level Lift Mount	1510-261	1
2	Nyloc Nut M16	0221-NYL16	8
3	U-Bolt M16 x 135 Deep x 104 Wide	0271-16135104	4
4	Washer Flat M16	0231-F16	8

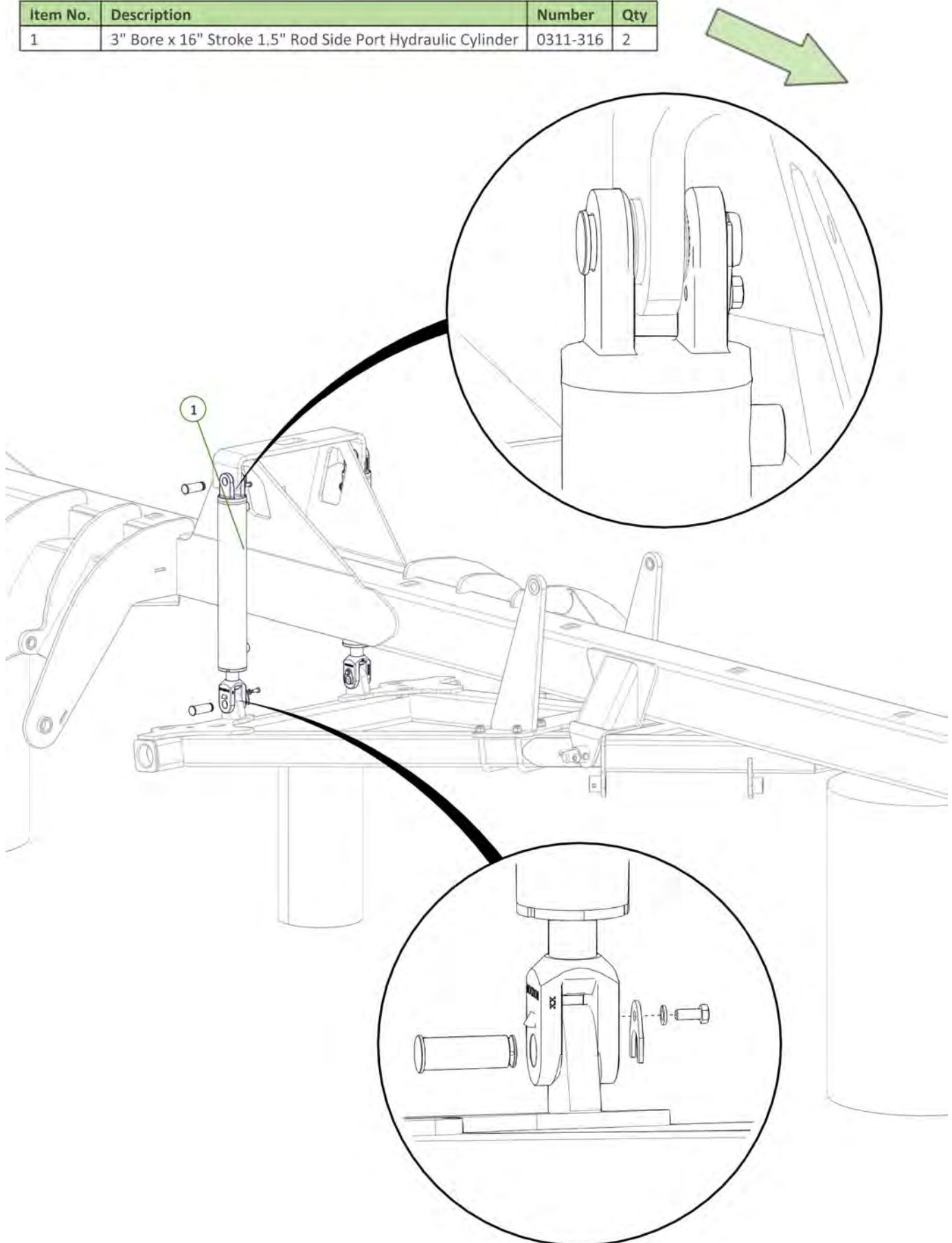


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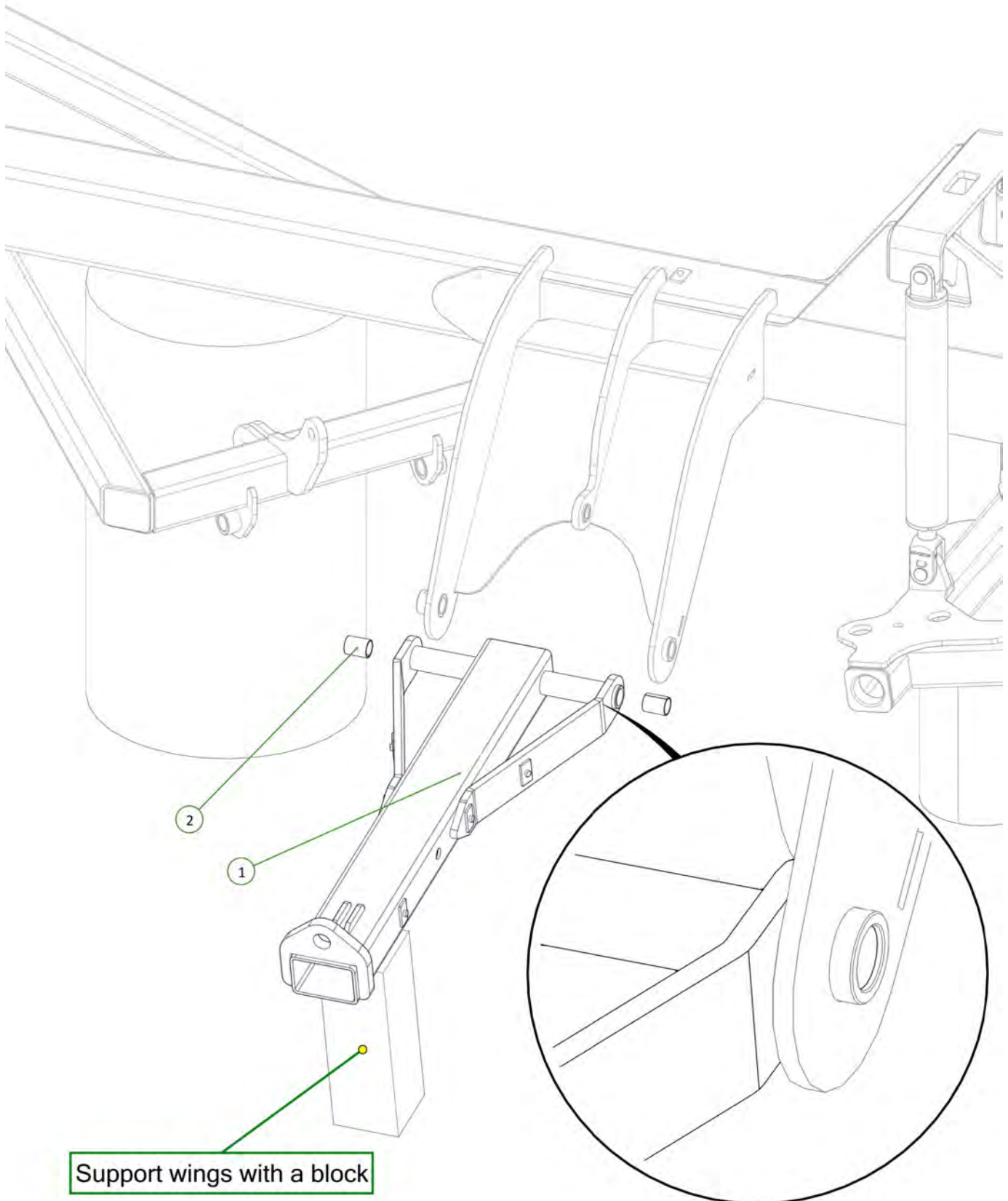


Do not tight nuts at this stage

Item No.	Description	Number	Qty
1	3" Bore x 16" Stroke 1.5" Rod Side Port Hydraulic Cylinder	0311-316	2



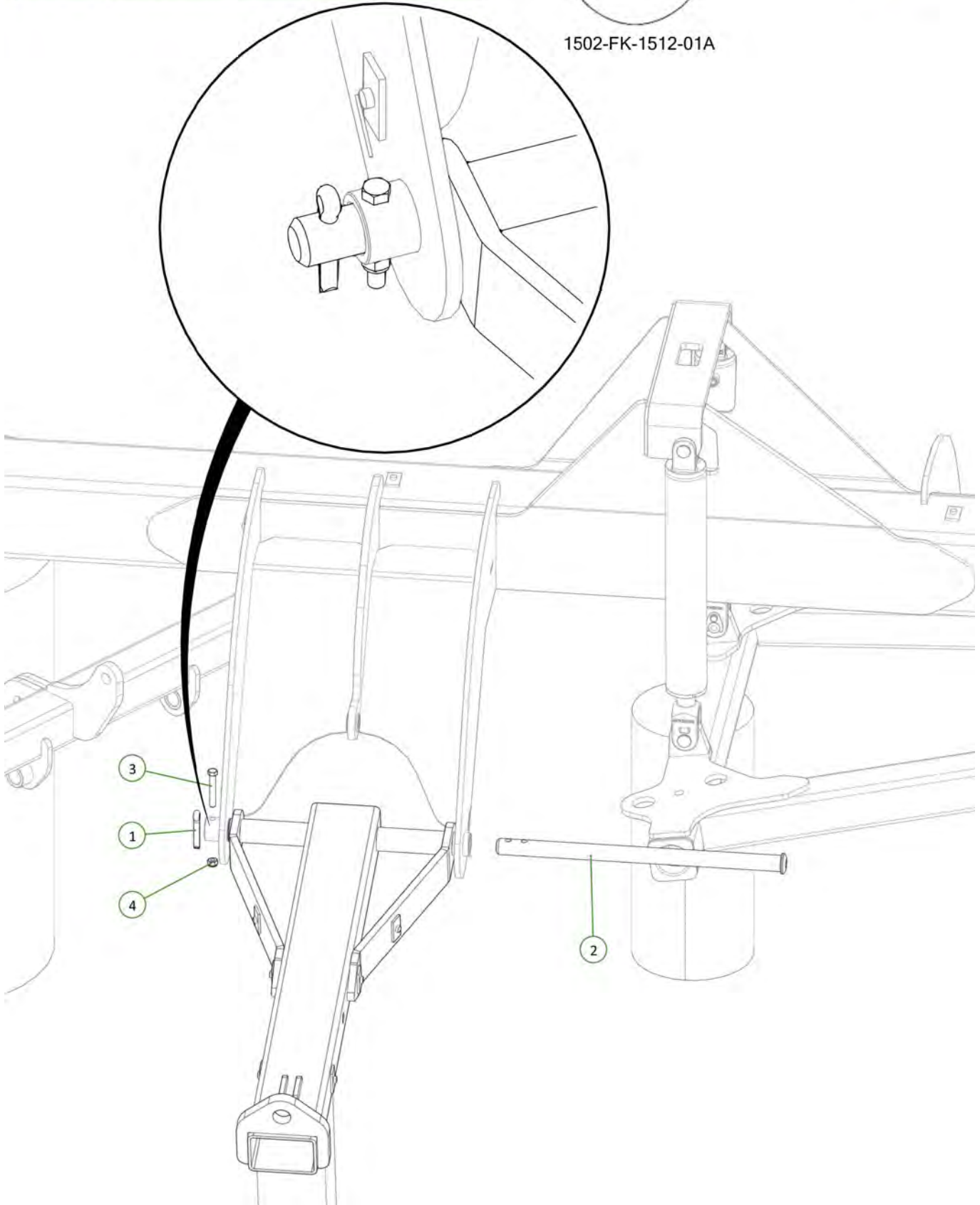
Item No.	Description	Number	Qty
1	3.5-4.5m KDH Inner Wing Frame	1512-02	1
2	35 ID x 50mm DU Bush	0113-MB3550DU	2



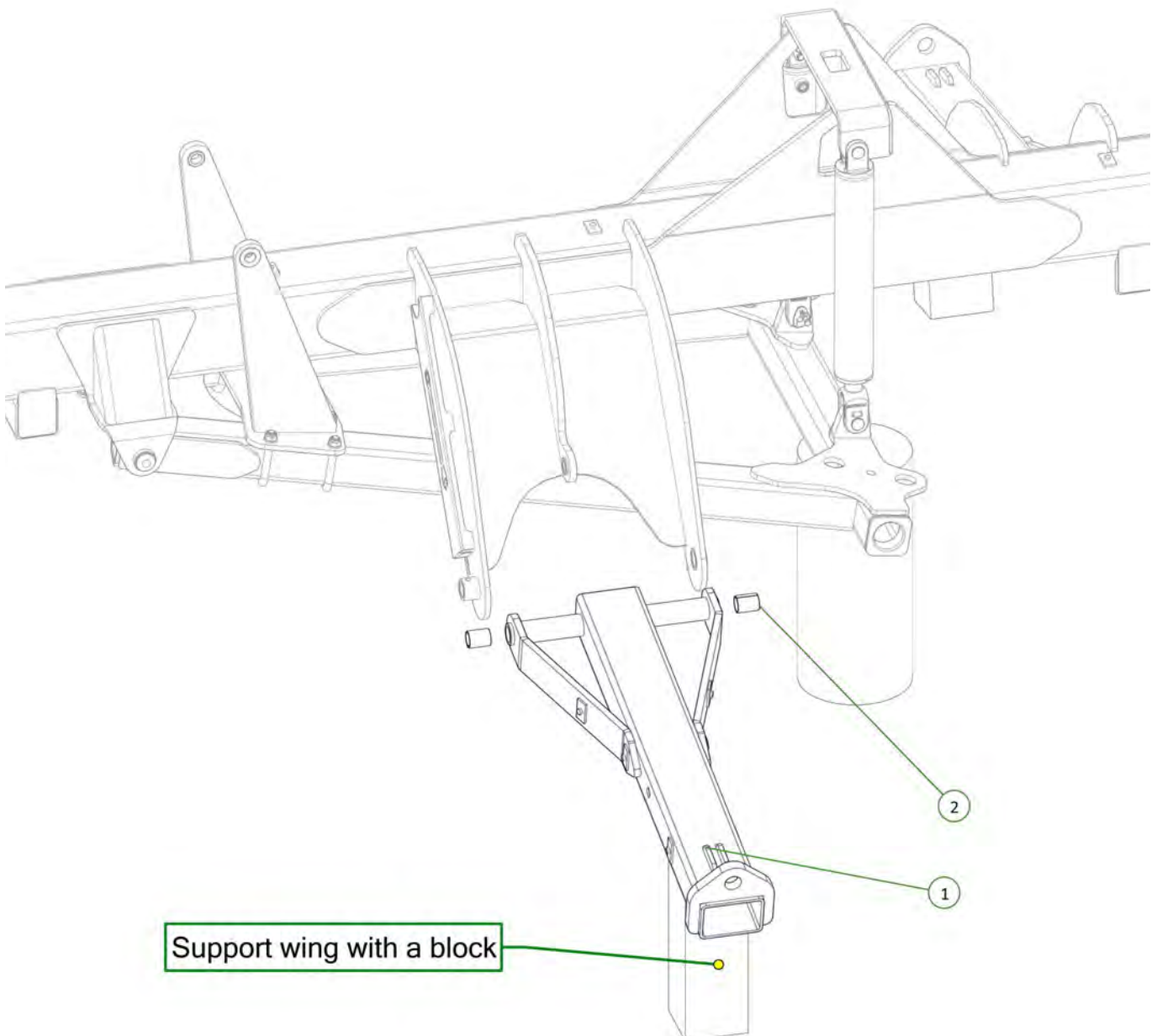
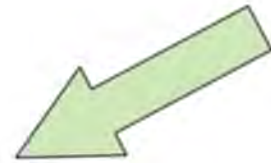
Item No.	Description	Number	Qty
1	Cotter Pin M13 x 63	0261-PINC1363	1
2	Long Pivot Pin	1501-35615	1
3	M12 x 80 Class 8.8 ZP Bolt	0211-1280	1
4	Nyloc Nut M12	0221-NYL12	1



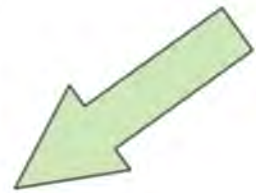
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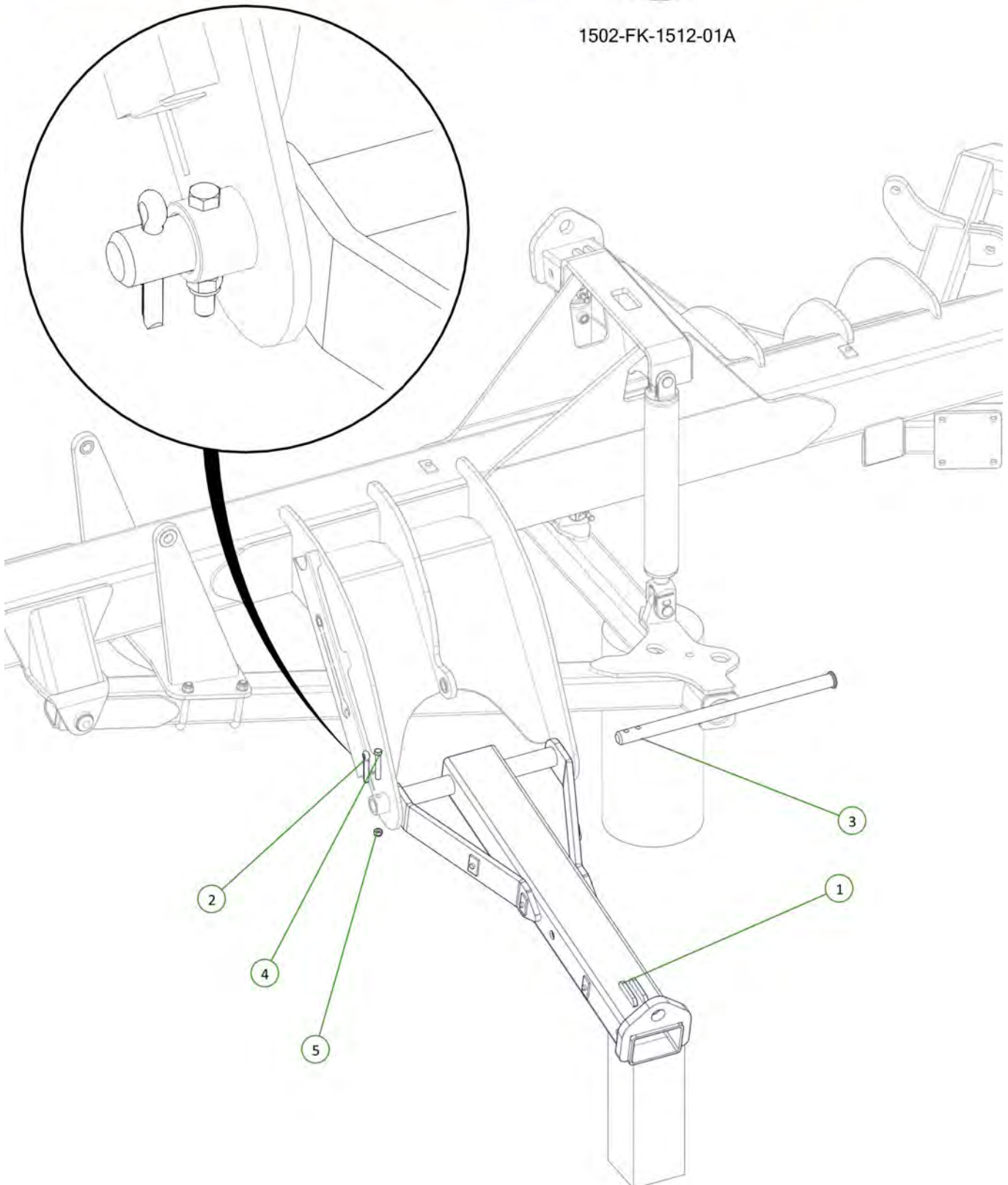
Item No.	Description	Number	Qty
1	3.5-4.5m KDH Inner Wing Frame	1512-02	1
2	35 ID x 50mm DU Bush	0113-MB3550DU	2



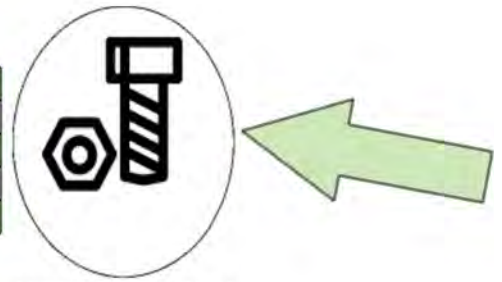
Item No.	Description	Number	Qty
1	3.5-4.5m KDH Inner Wing Frame	1512-02	1
2	Cotter Pin M13 x 63	0261-PINC1363	1
3	Long Pivot Pin	1501-35615	1
4	M12 x 80 Class 8.8 ZP Bolt	0211-1280	1
5	Nyloc Nut M12	0221-NYL12	1



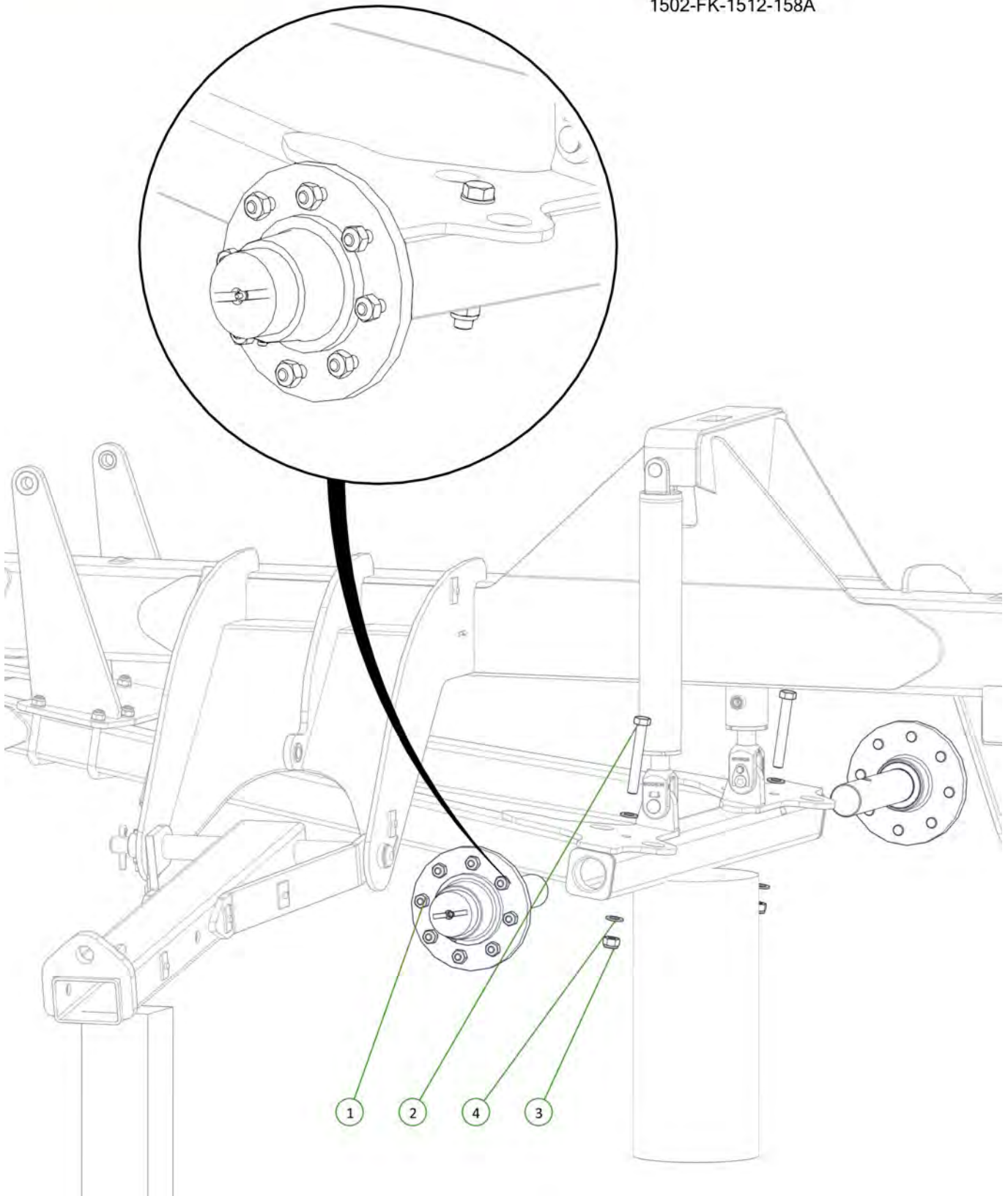
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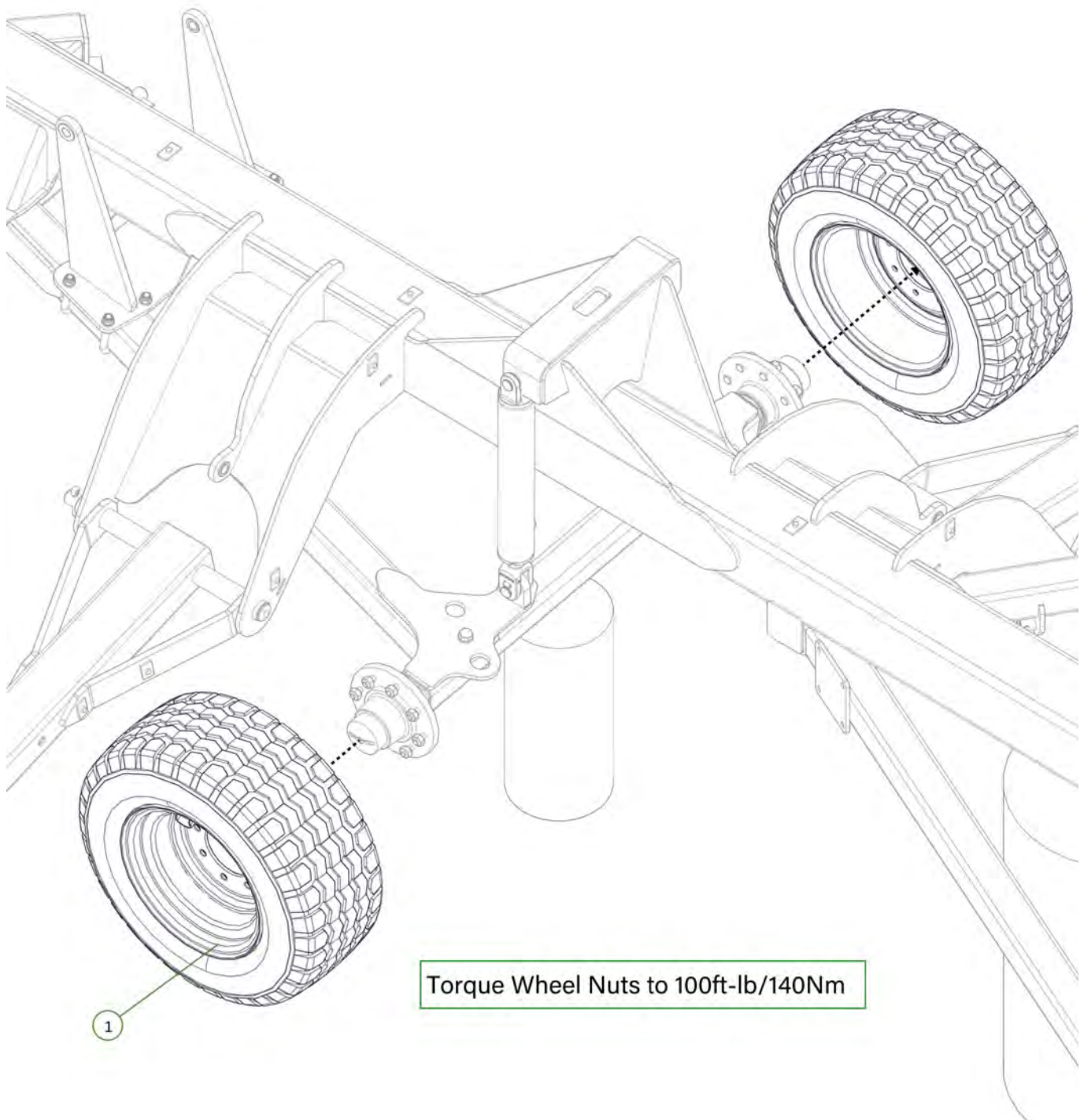
Item No.	Description	Number	Qty
1	2.75"R 6 Tonne 8 on 8" PCD Hub & Stub Complete	0733-SH27596880	2
2	M20 x 150 Class 8.8 ZP Bolt	0211-20150	2
3	Nyloc Nut M20	0221-NYL20	2
4	Washer Flat M20	0231-F20	4



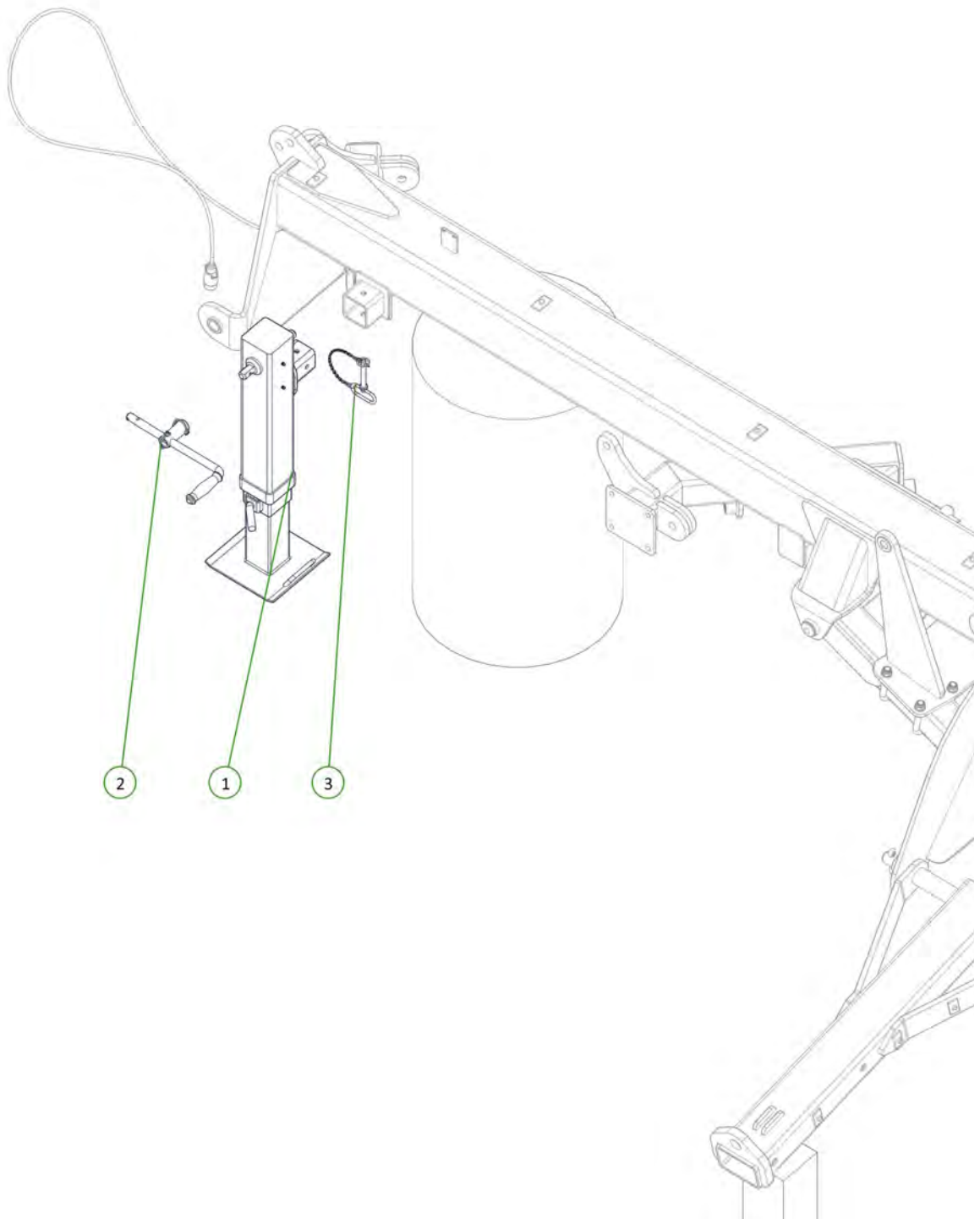
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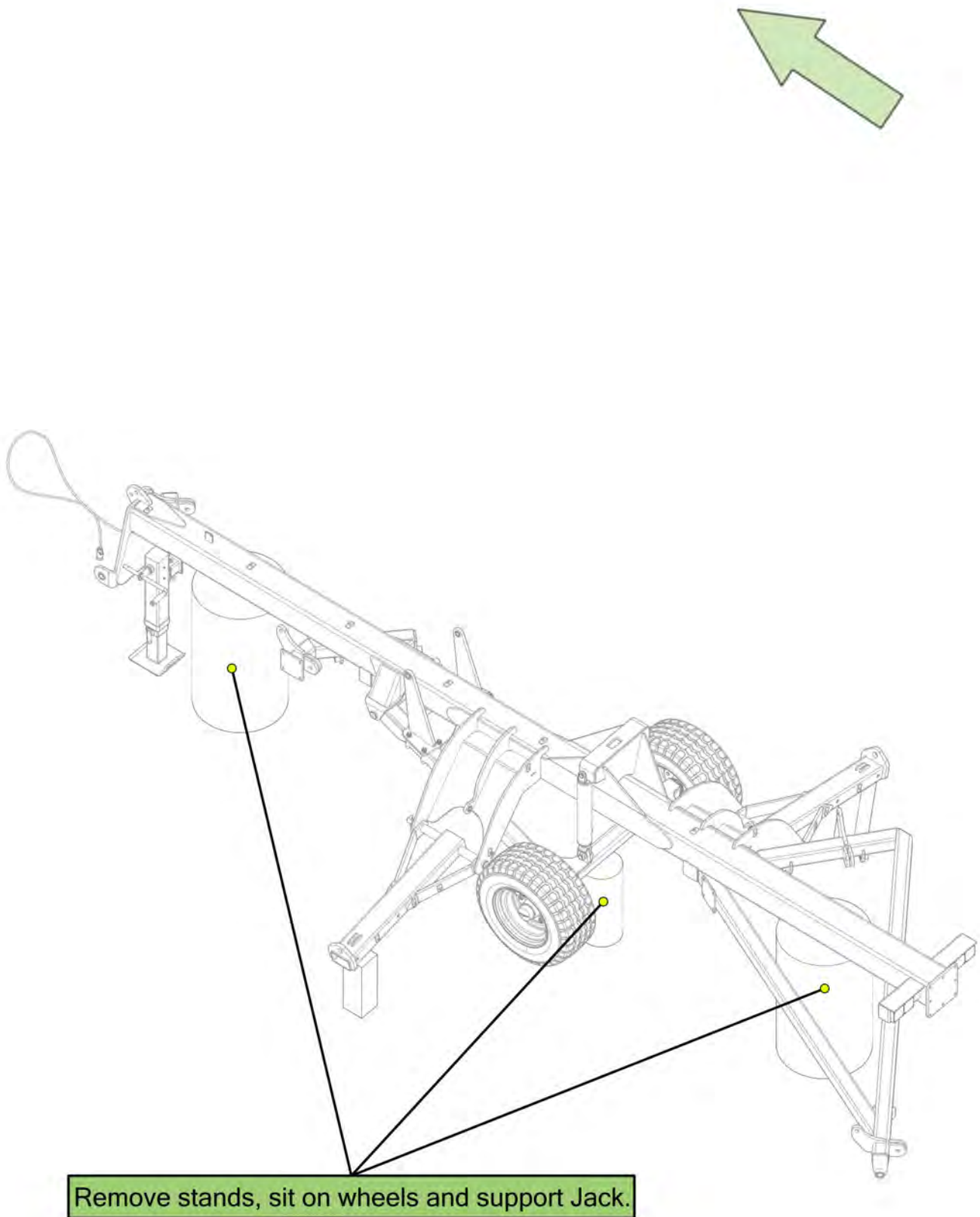


Item No.	Description	Number	Qty
1	13.0/55-16 Tyre on 8 on 8 Zero Offset Rim	0751-13.0-55-16	2



Item No.	Description	Number	Qty
1	Parking Jack 4500kg	0801-SAK45B	1
2	Jack Handle Assembly 4 Tonne	0801-622110HA	1
3	Jack Pin	0801-B3077	1

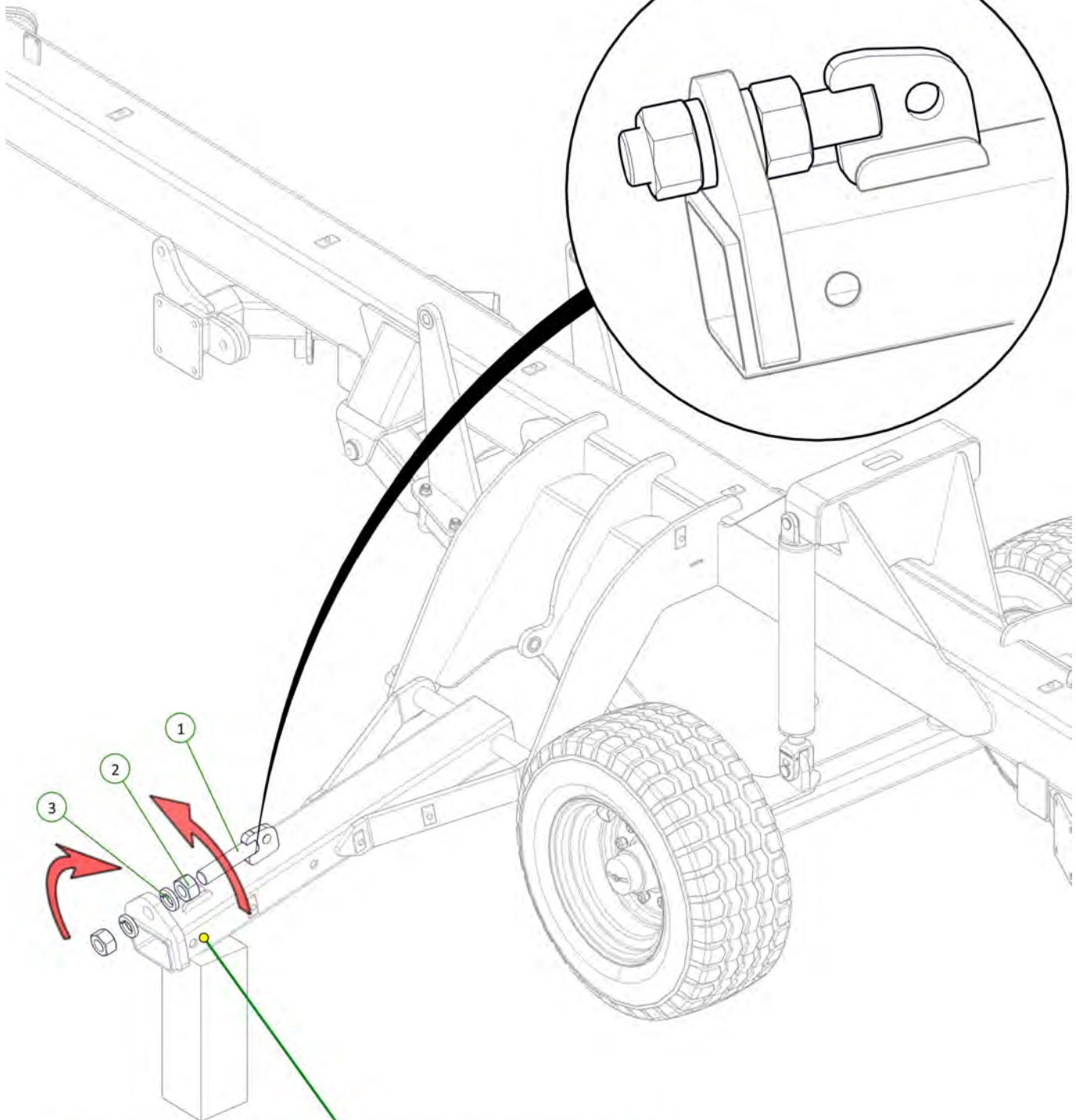




Item No.	Description	Number	Qty
1	Wing Height Adjust Rod	0810-157	1
2	1-1/2" ZP UNC Hex Nut	0222-112	2
3	Spring Washer 1 1/2"	0232-S11-2	2



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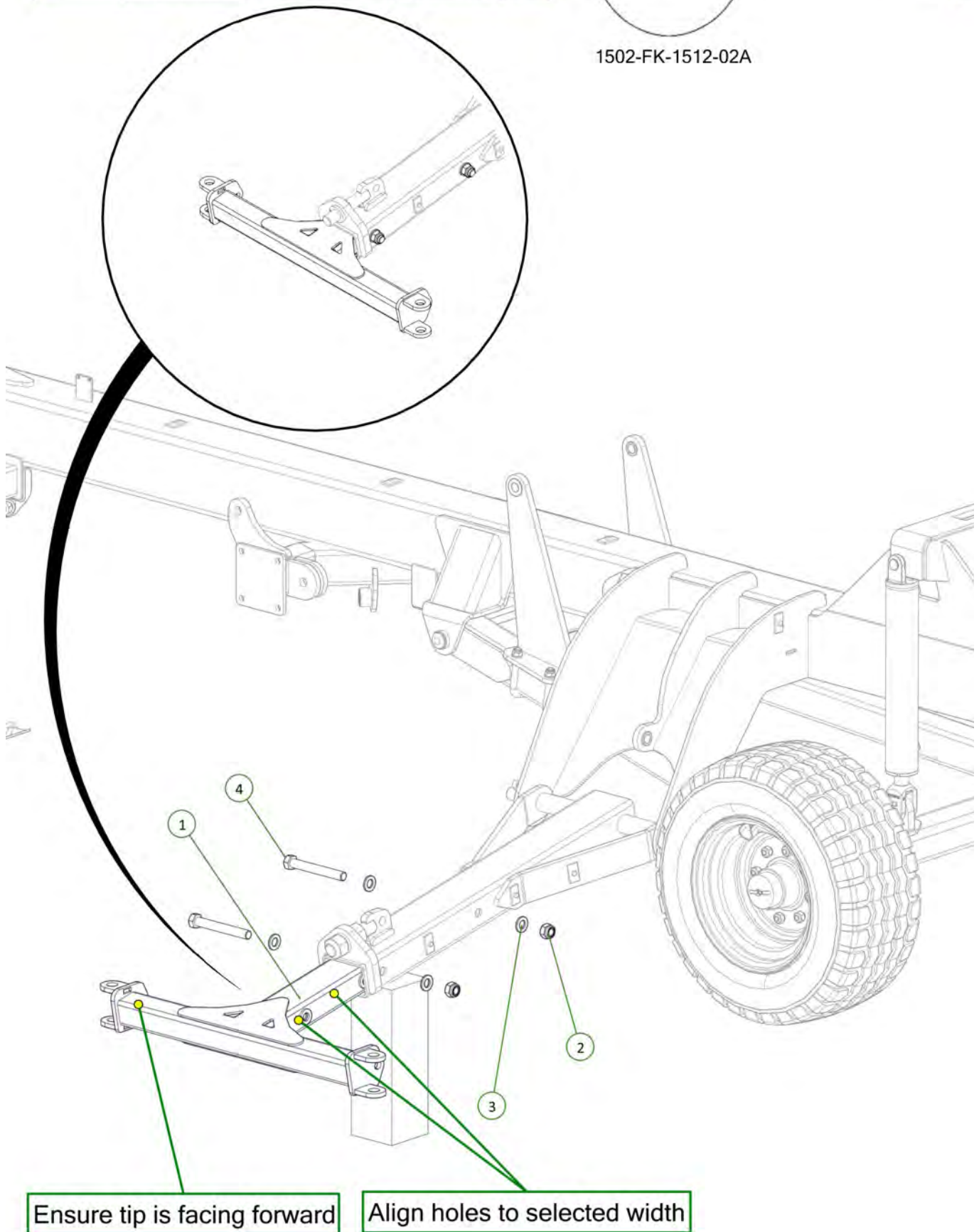


Raise wing approximately 190mm off the ground

Item No.	Description	Number	Qty
1	3.5-4.5m KDH Outer Wing Frame	1512-03	1
2	Nyloc Nut M24	0221-NYL24	2
3	Washer Flat M24	0231-F24	4
4	M24 x 190 Class 8.8 ZP Bolt	0211-24190	2



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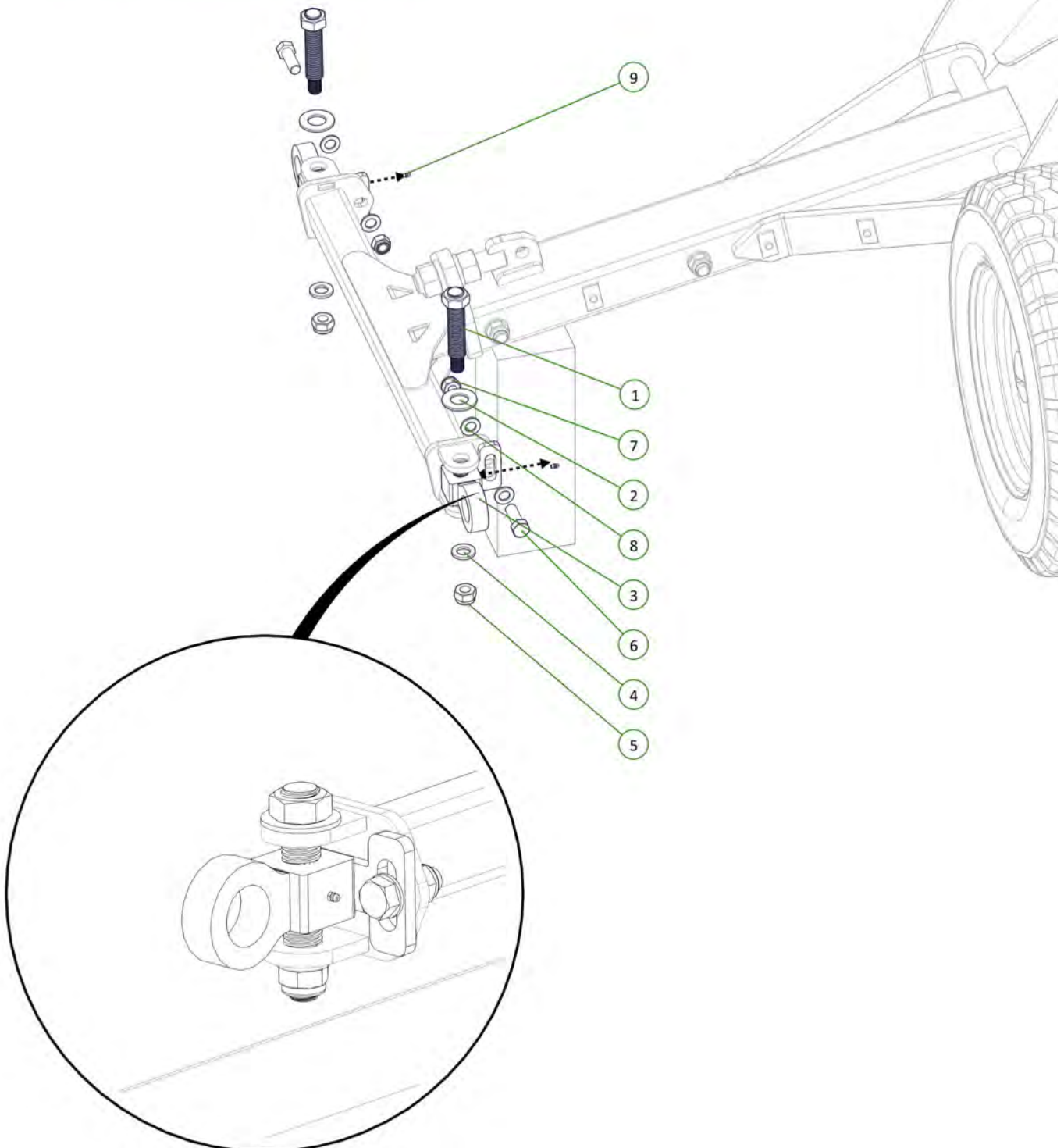


Item No.	Description	Number	Qty
1	Adjusting Clevis Bolt	0810-156	2
2	Washer High Tensile 1 1/4"	0232-HT11-4	2
3	Adjusting Clevis	0810-155	2
4	Washer Flat M24	0231-F24	2
5	Nyloc Nut M24	0221-NYL24	2
6	M20 x 60 Class 8.8 ZP Bolt	0211-2060	2
7	Nyloc Nut M20	0221-NYL20	2
8	Washer Flat M20	0231-F20	4
9	Grease Nipple 1/4" UNF	0181-GN1-4	2

Note: Grease Nipples before fitting them



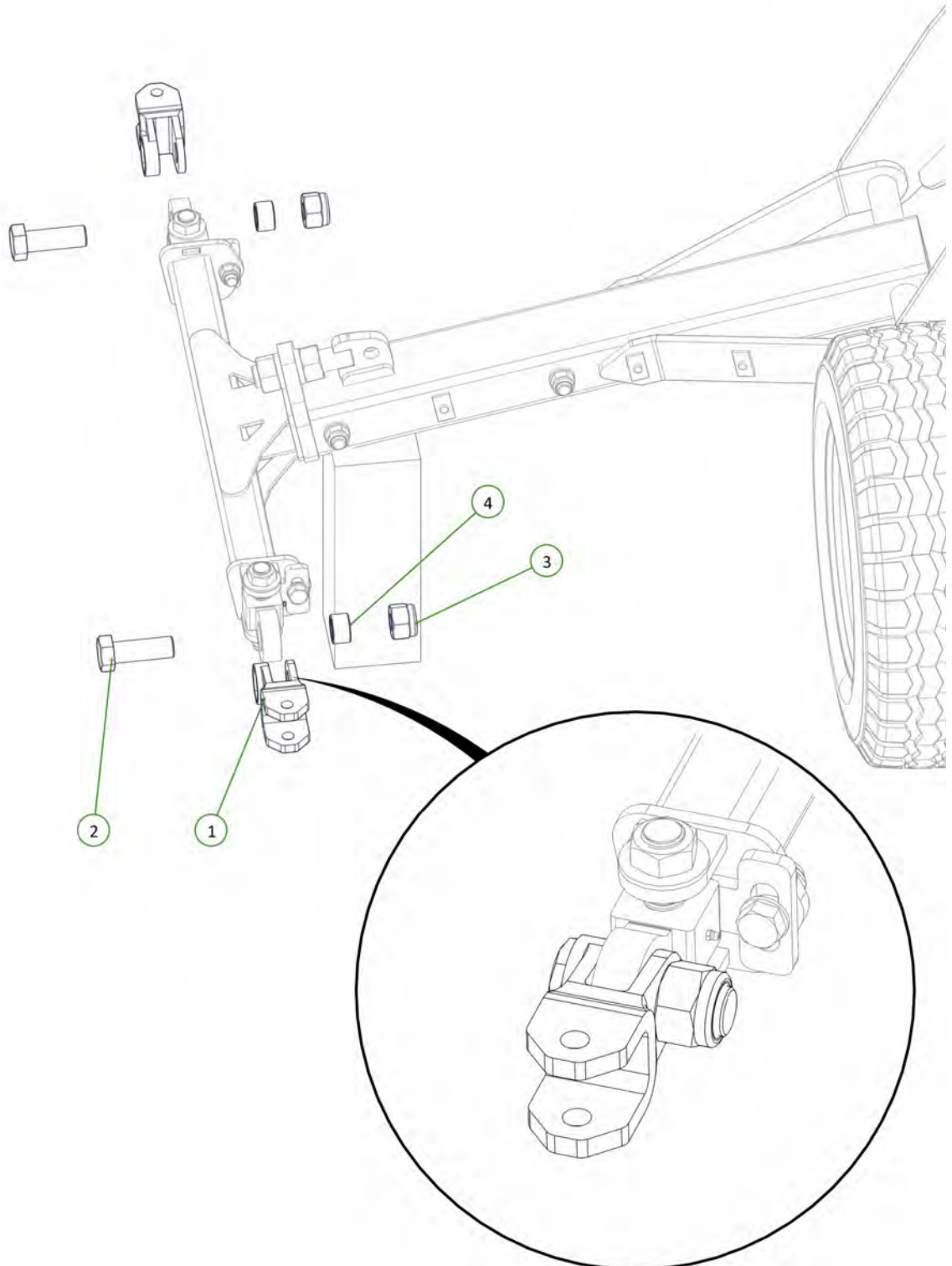
1502-FK-1512-03A



Item No.	Description	Number	Qty
1	Forged Clevis 21mm Bolt Hole	0801-FC21	2
2	M36 x 105 Class 8.8 ZP Bolt	0211-36105	2
3	Nyloc Nut M36	0221-NYL36	2
4	Wear Bush	1501-365033-SS	2



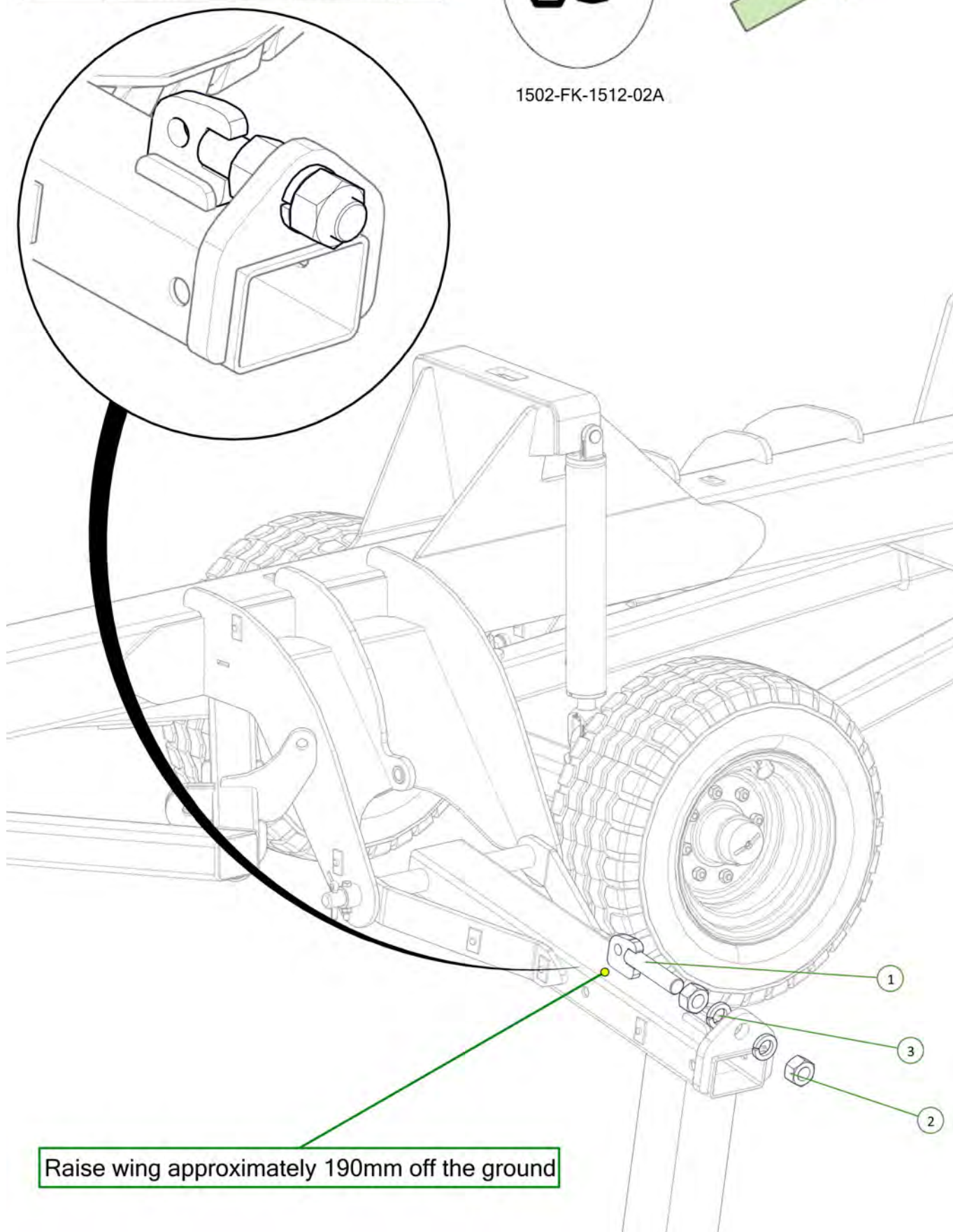
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Item No.	Description	Number	Qty
1	Wing Height Adjust Rod	0810-157	1
2	1-1/2" ZP UNC Hex Nut	0222-112	2
3	Spring Washer 1 1/2"	0232-S11-2	2



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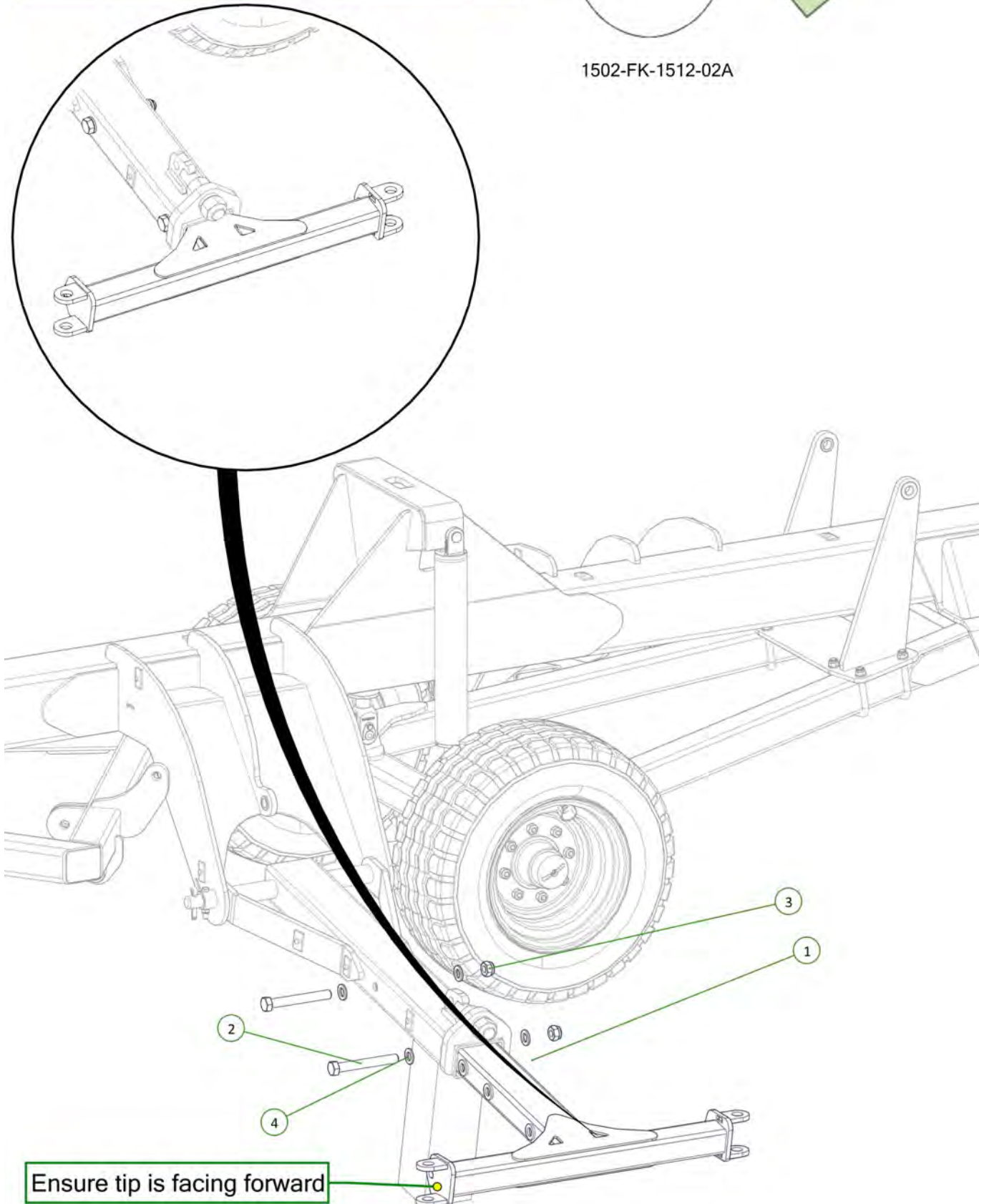


Raise wing approximately 190mm off the ground

Item No.	Description	Number	Qty
1	3.5-4.5m KDH Outer Wing Frame	1512-03	1
2	M24 x 190 Class 8.8 ZP Bolt	0211-24190	2
3	Nyloc Nut M24	0221-NYL24	2
4	Washer Flat M24	0231-F24	4



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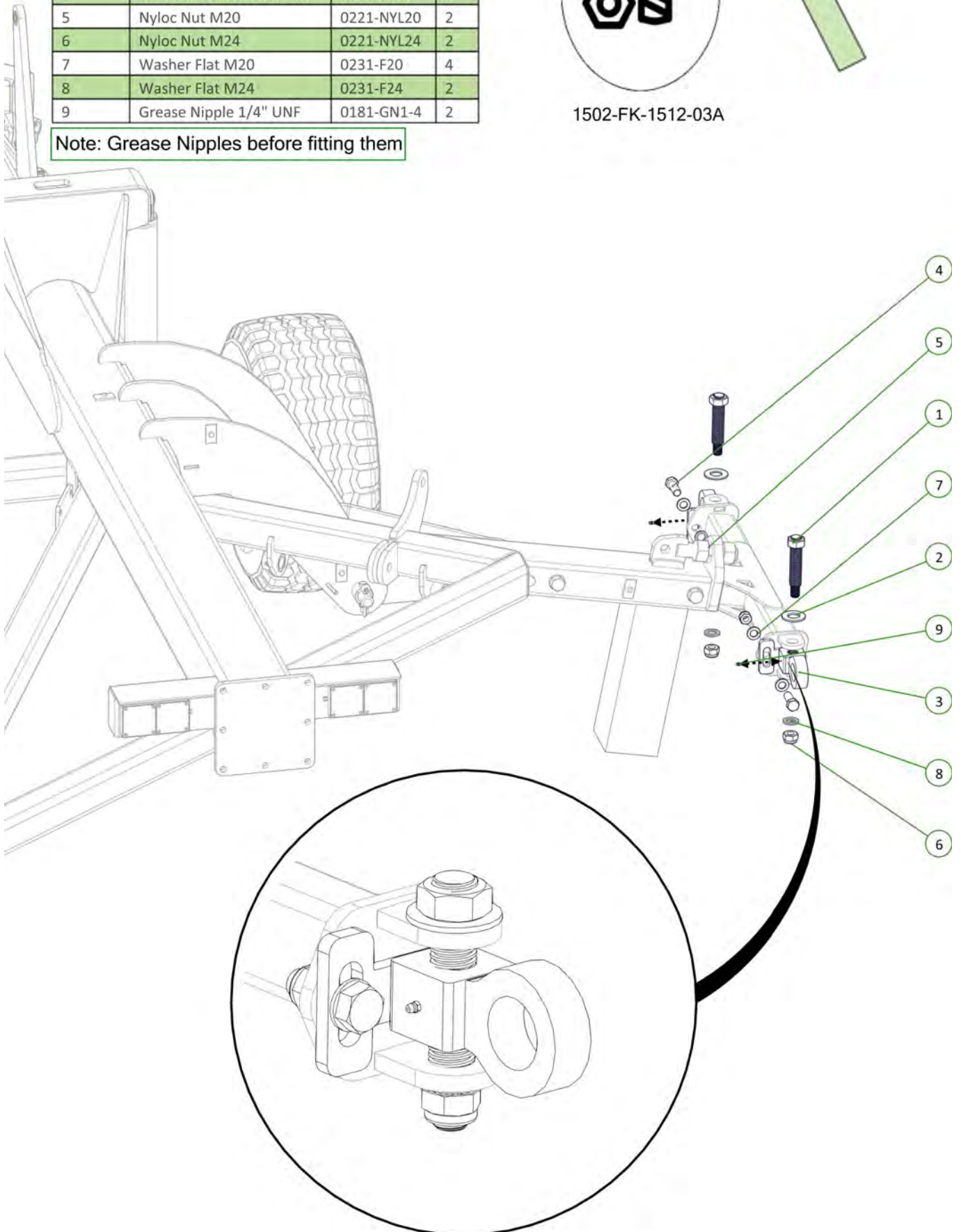


Item No.	Description	Number	Qty
1	Adjusting Clevis Bolt	0810-156	2
2	Washer High Tensile 1 1/4"	0232-HT11-4	2
3	Adjusting Clevis	0810-155	2
4	M20 x 60 Class 8.8 ZP Bolt	0211-2060	2
5	Nyloc Nut M20	0221-NYL20	2
6	Nyloc Nut M24	0221-NYL24	2
7	Washer Flat M20	0231-F20	4
8	Washer Flat M24	0231-F24	2
9	Grease Nipple 1/4" UNF	0181-GN1-4	2

Note: Grease Nipples before fitting them



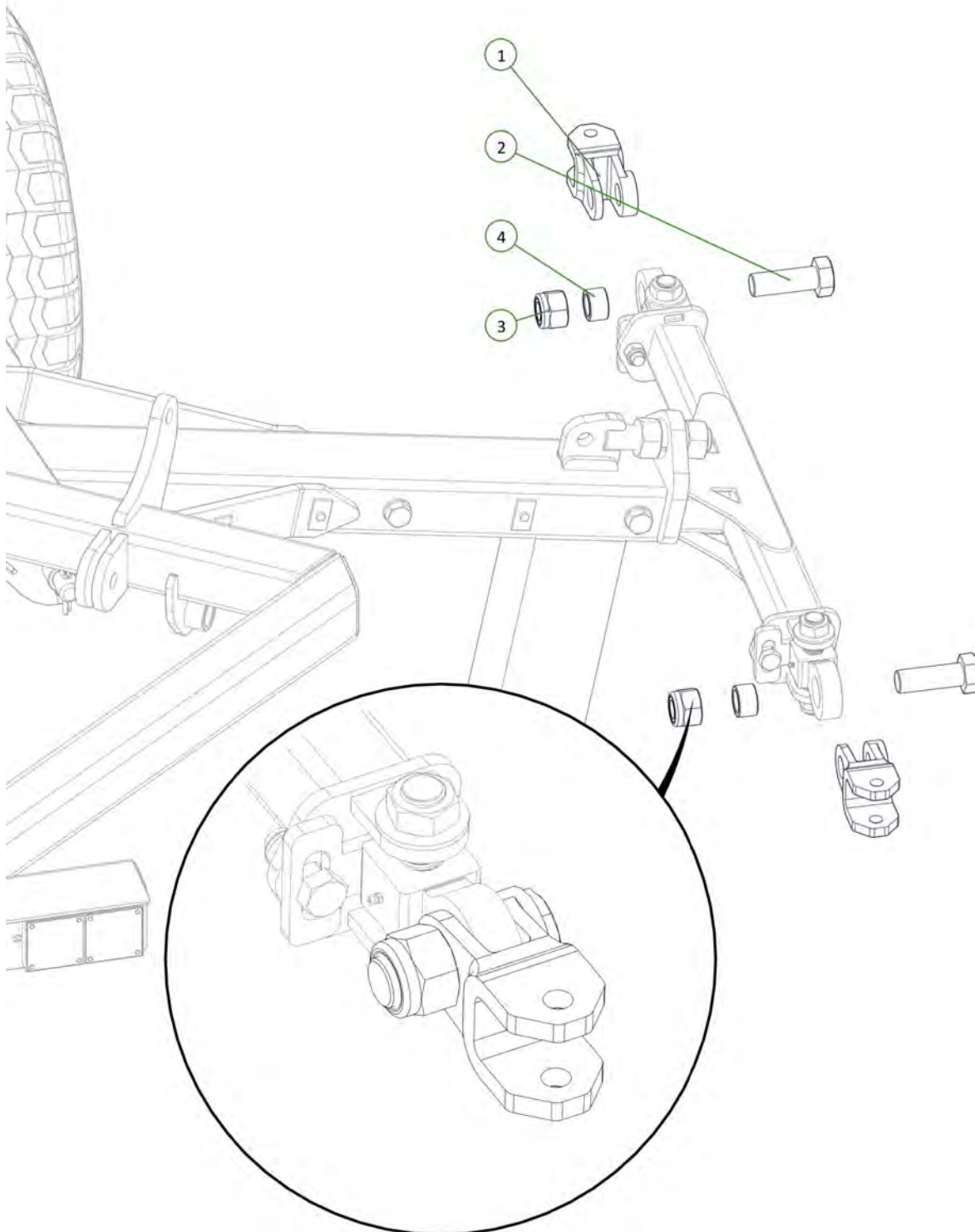
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Item No.	Description	Number	Qty
1	Forged Clevis 21mm Bolt Hole	0801-FC21	2
2	M36 x 105 Class 8.8 ZP Bolt	0211-36105	2
3	Nyloc Nut M36	0221-NYL36	2
4	Wear Bush	1501-365033-SS	2



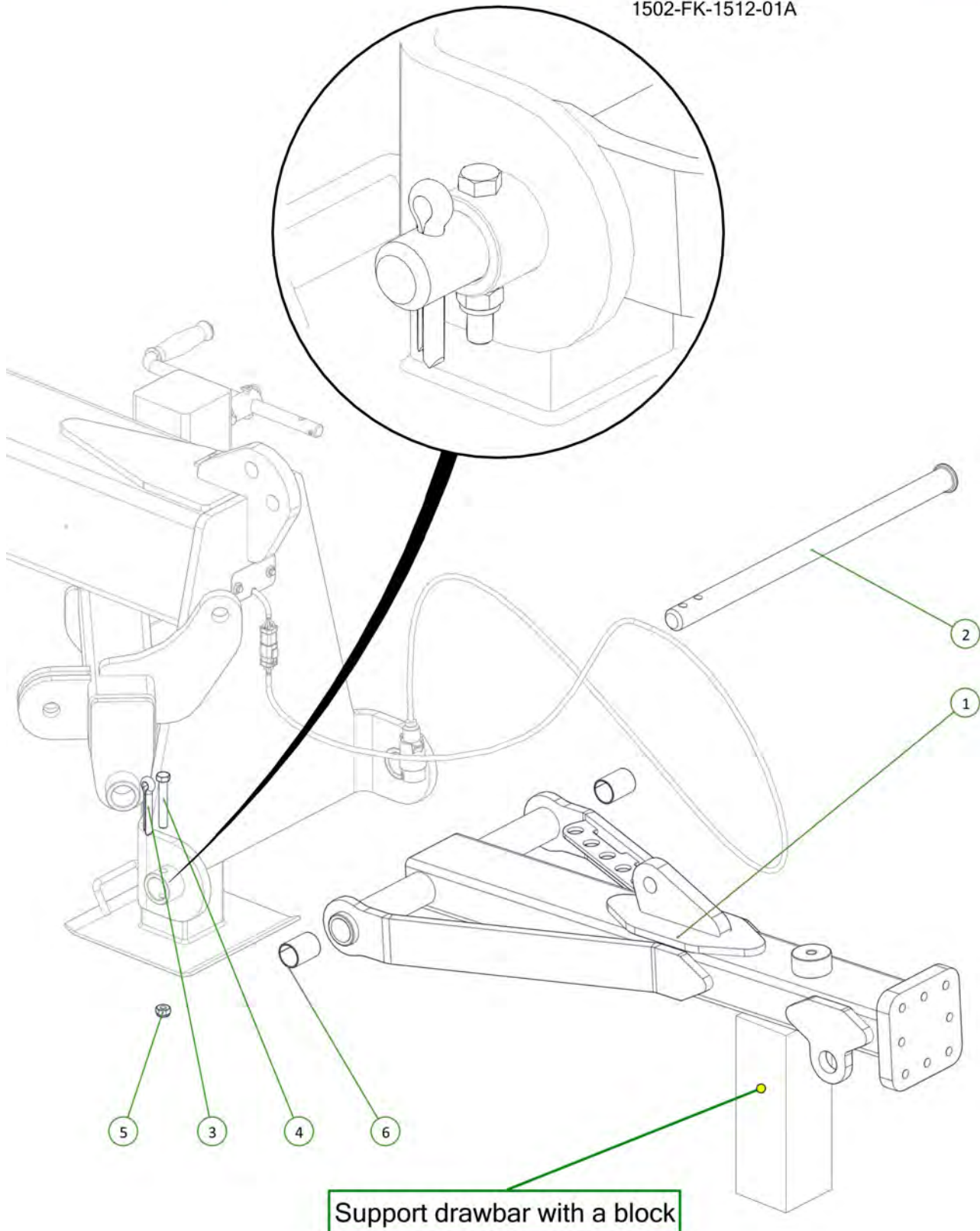
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Item No.	Description	Number	Qty
1	Small Drawbar Frame	0810-50	1
2	Long Pivot Pin	1501-35615	1
3	Cotter Pin M13 x 63	0261-PINC1363	1
4	M12 x 80 Class 8.8 ZP Bolt	0211-1280	2
5	Nyloc Nut M12	0221-NYL12	2
6	35 ID x 50mm DU Bush	0113-MB3550DU	2



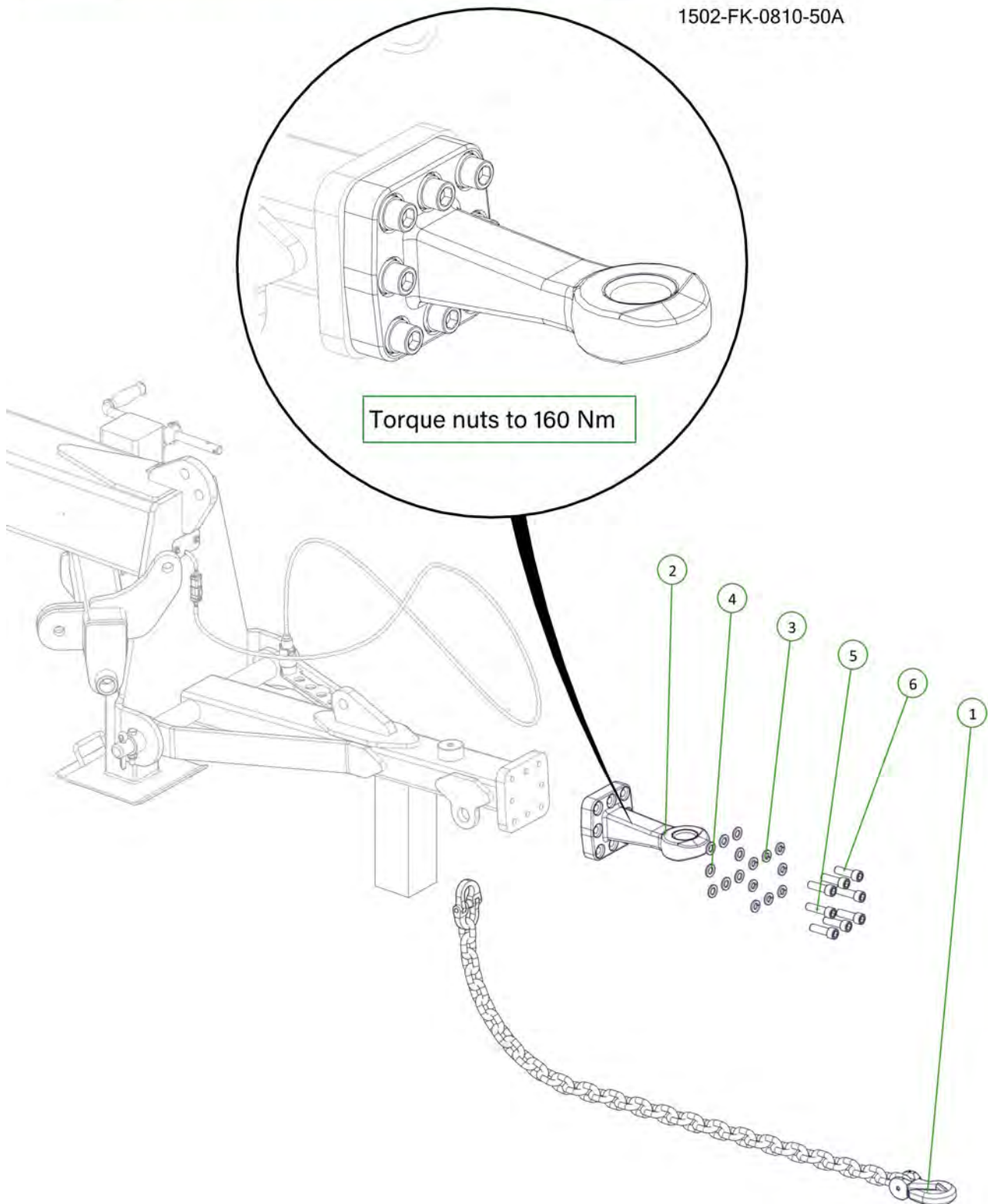
1502-FK-1512-01A



Item No.	Description	Number	Qty
1	Safety Chain Assembly	0810-16	1
2	50mm Flanged Drawbar Eye	1501-RCBO50MM	1
3	Washer Spring M16	0231-S16	8
4	Washer Flat M16	0231-F16	8
5	Socket Head Bolt M16 x 60 Class 10.9	0211-SH1660	2
6	Socket Head Bolt M16 x 55 Class 10.9	0211-SH1655	6



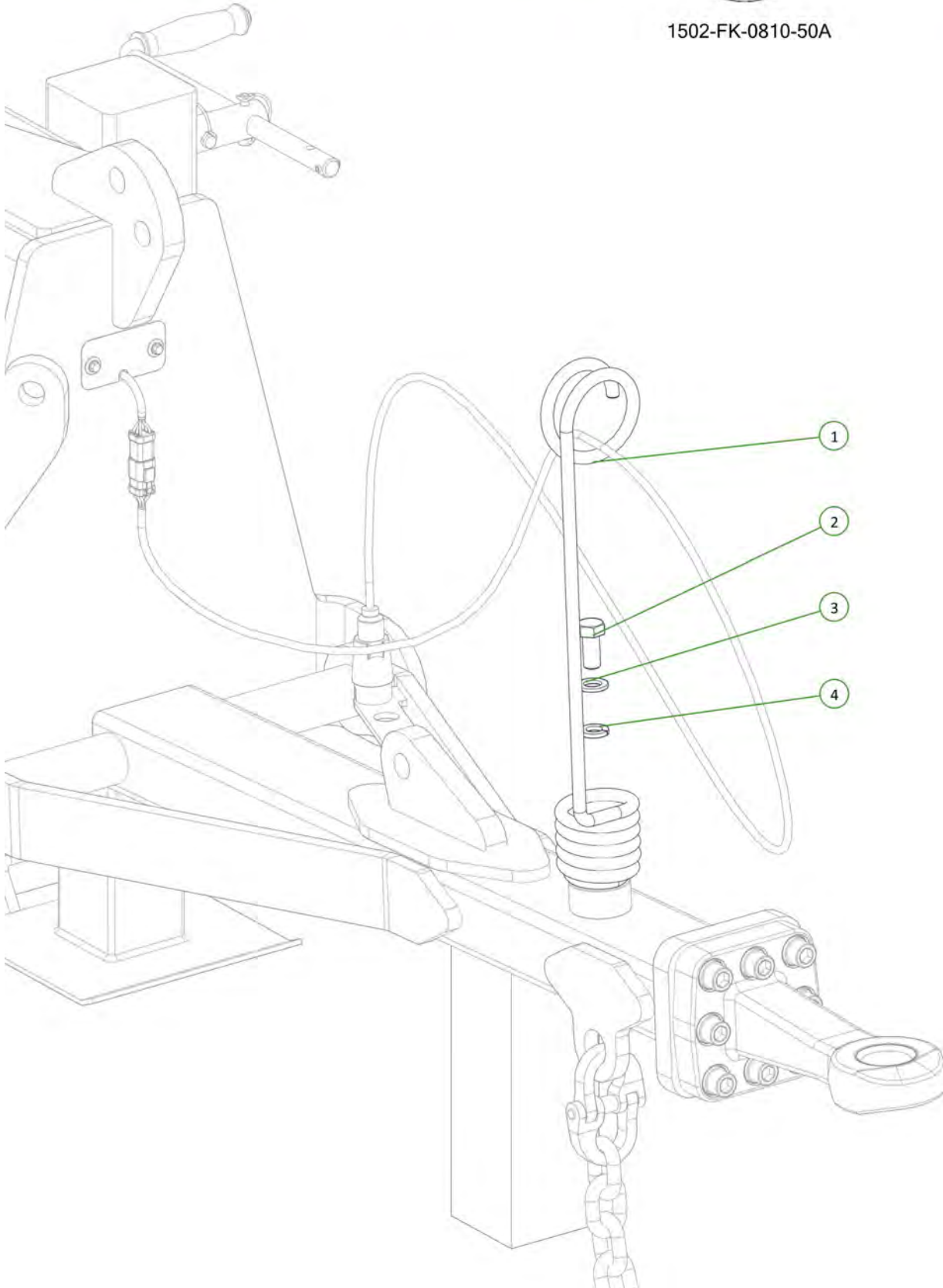
1502-FK-0810-50A



Item No.	Description	Number	Qty
1	Hose Post Spring	1601-CDB-00-0012	1
2	M16 x 35 Class 8.8 ZP Bolt	0211-1635	1
3	Washer Flat M16	0231-F16	1
4	Washer Spring M16	0231-S16	1



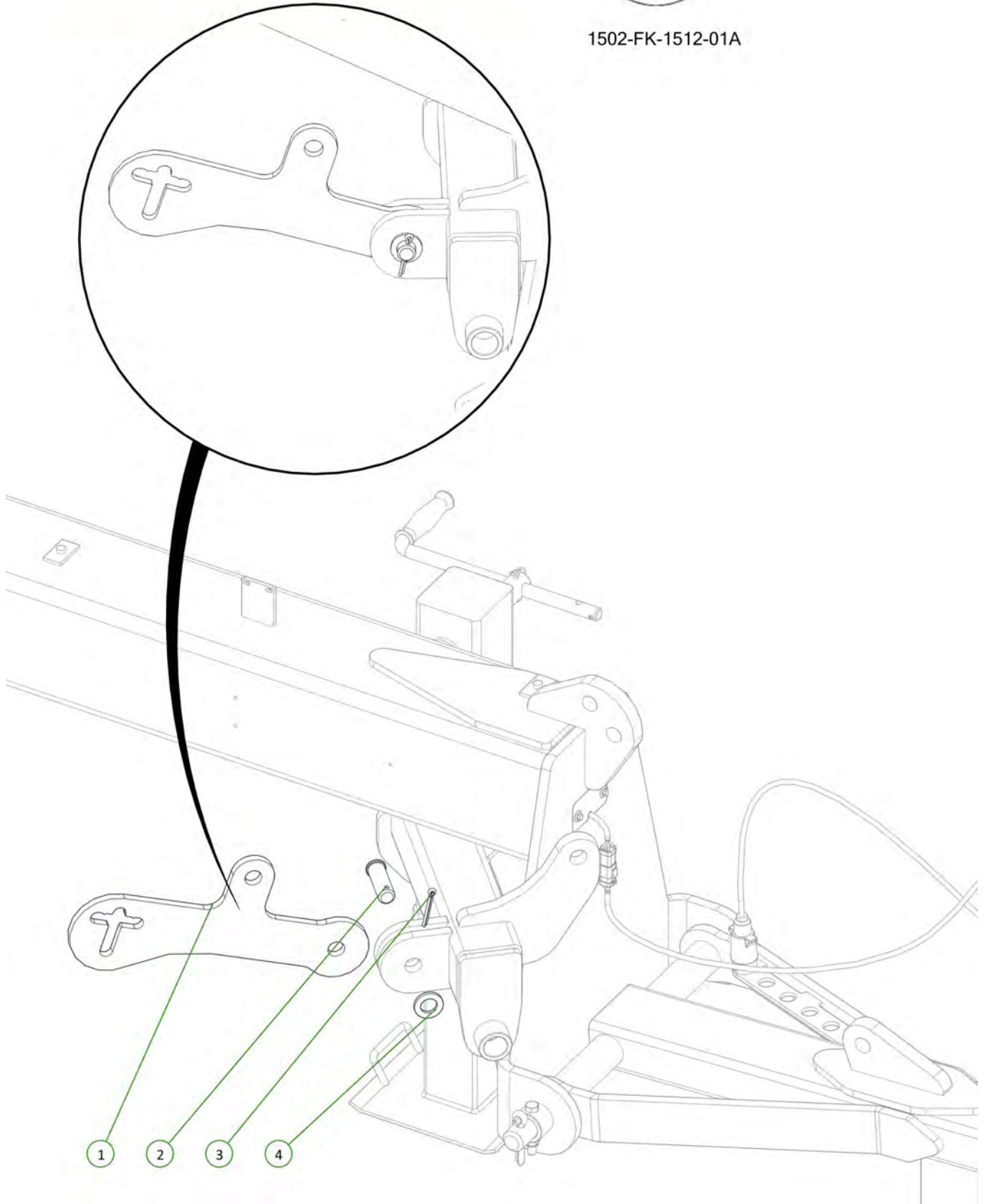
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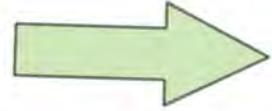
Item No.	Description	Number	Qty
1	Chain Height Adjustor Arm	1500-532	1
2	Clevis Pin 25mm x 75mm	0801-KE0307-1	1
3	Cotter Pin M6 x 50mm	0261-PINC650	1
4	Washer Flat M24	0231-F24	1



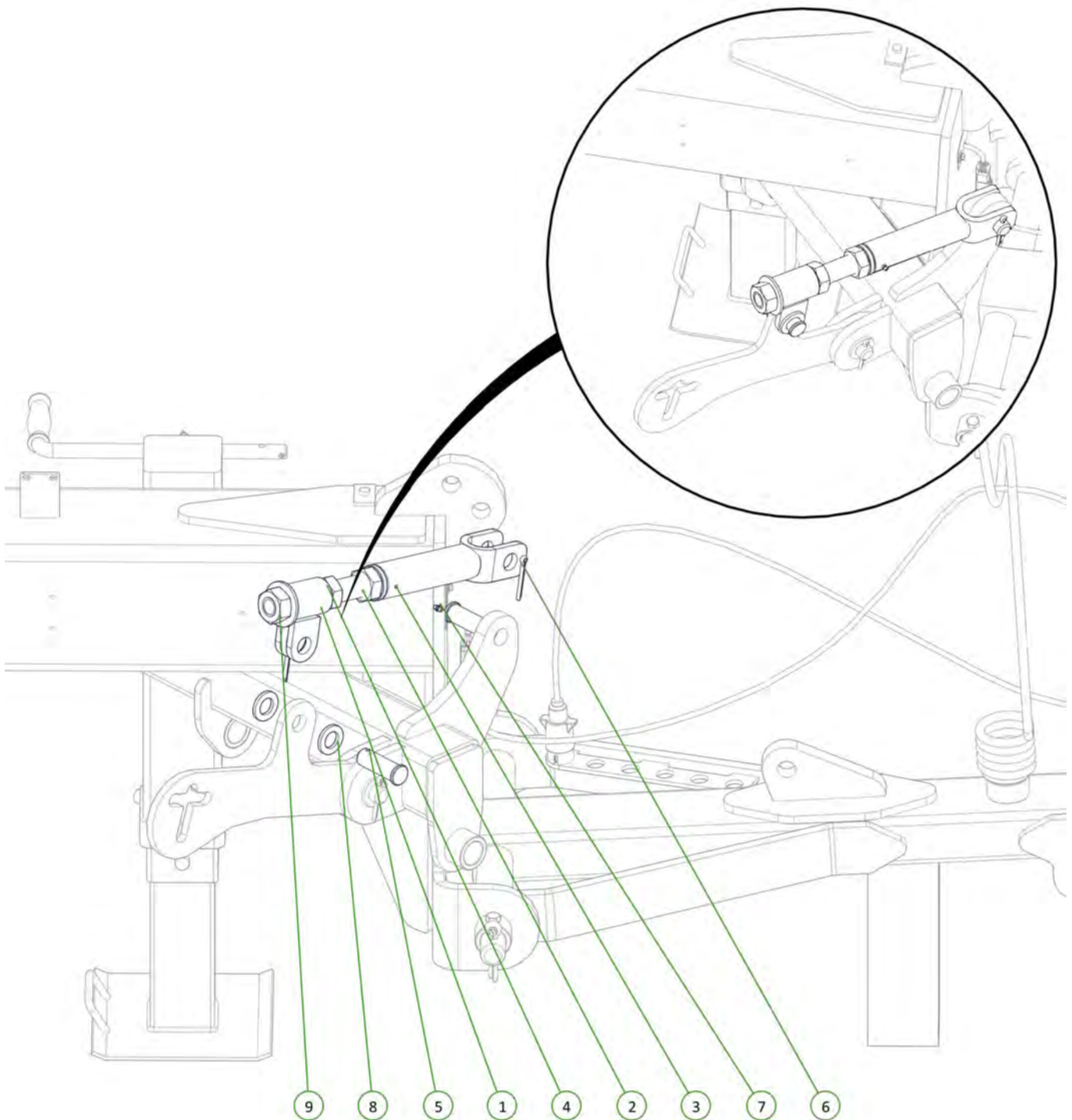
1502-FK-1512-01A



Item No.	Description	Number	Qty
1	Adjuster Mount	0810-161	1
2	Height Adjuster Rod Bolt	0810-163	1
3	Tension Adjuster Body	0810-164	1
4	ACME Lock Nut 1 1/4 - 5NA - 2G	0801-PCHTA-5N	2
5	Clevis Pin 25mm x 75mm	0801-KE0307-1	2
6	Cotter Pin M6 x 50mm	0261-PINC650	2
7	Grease Nipple 1/4" UNF	0181-GN1-4	1
8	Washer Flat M24	0231-F24	2
9	Washer High Tensile 1 1/4"	0232-HT11-4	1

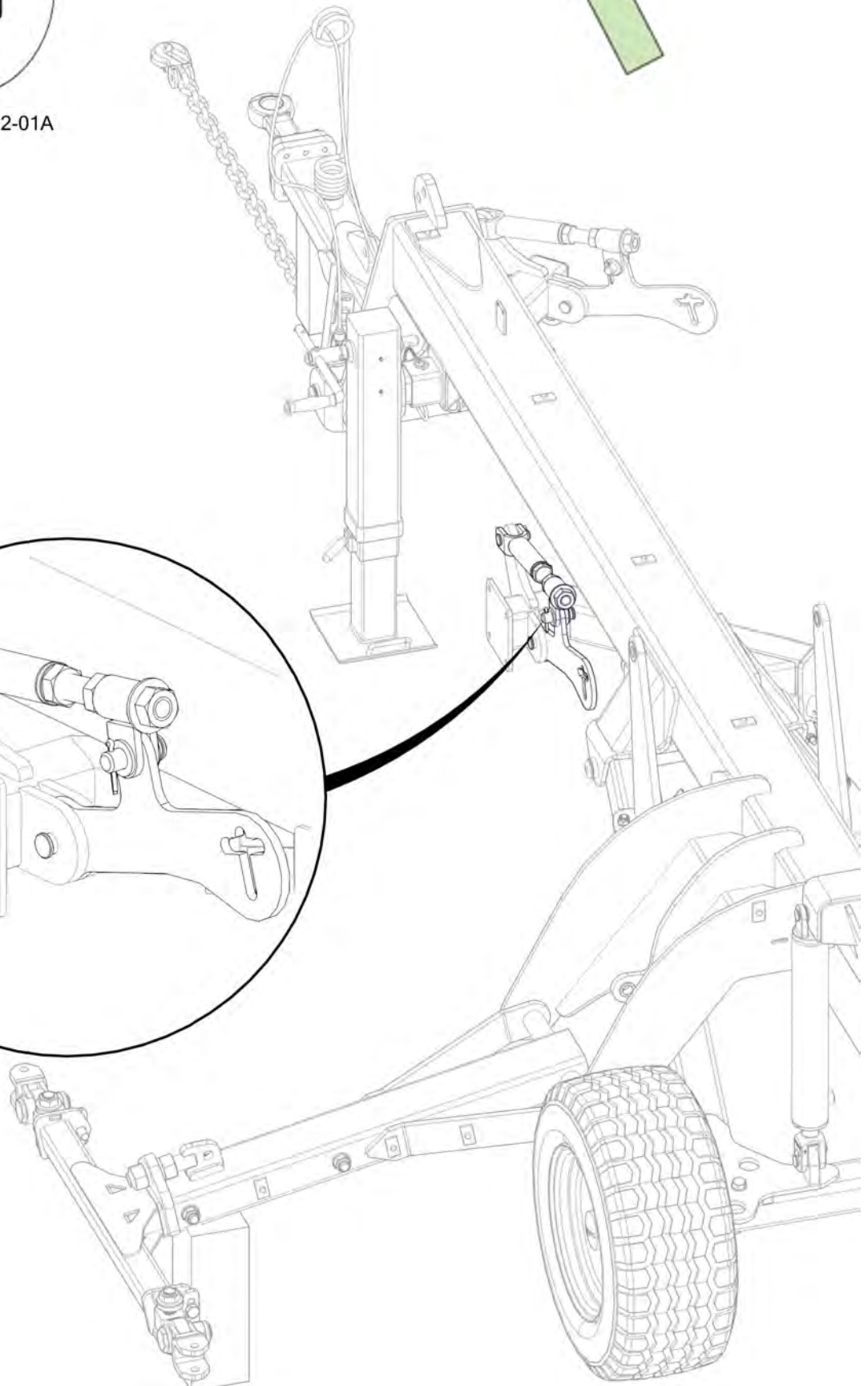
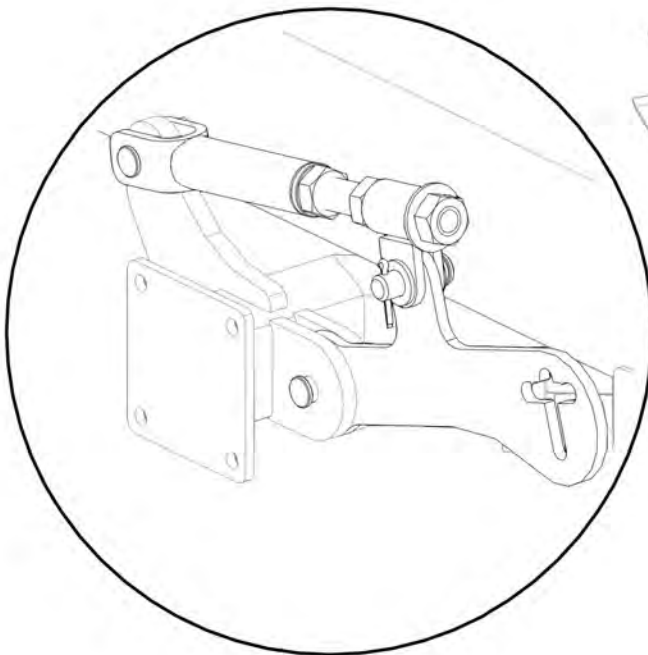


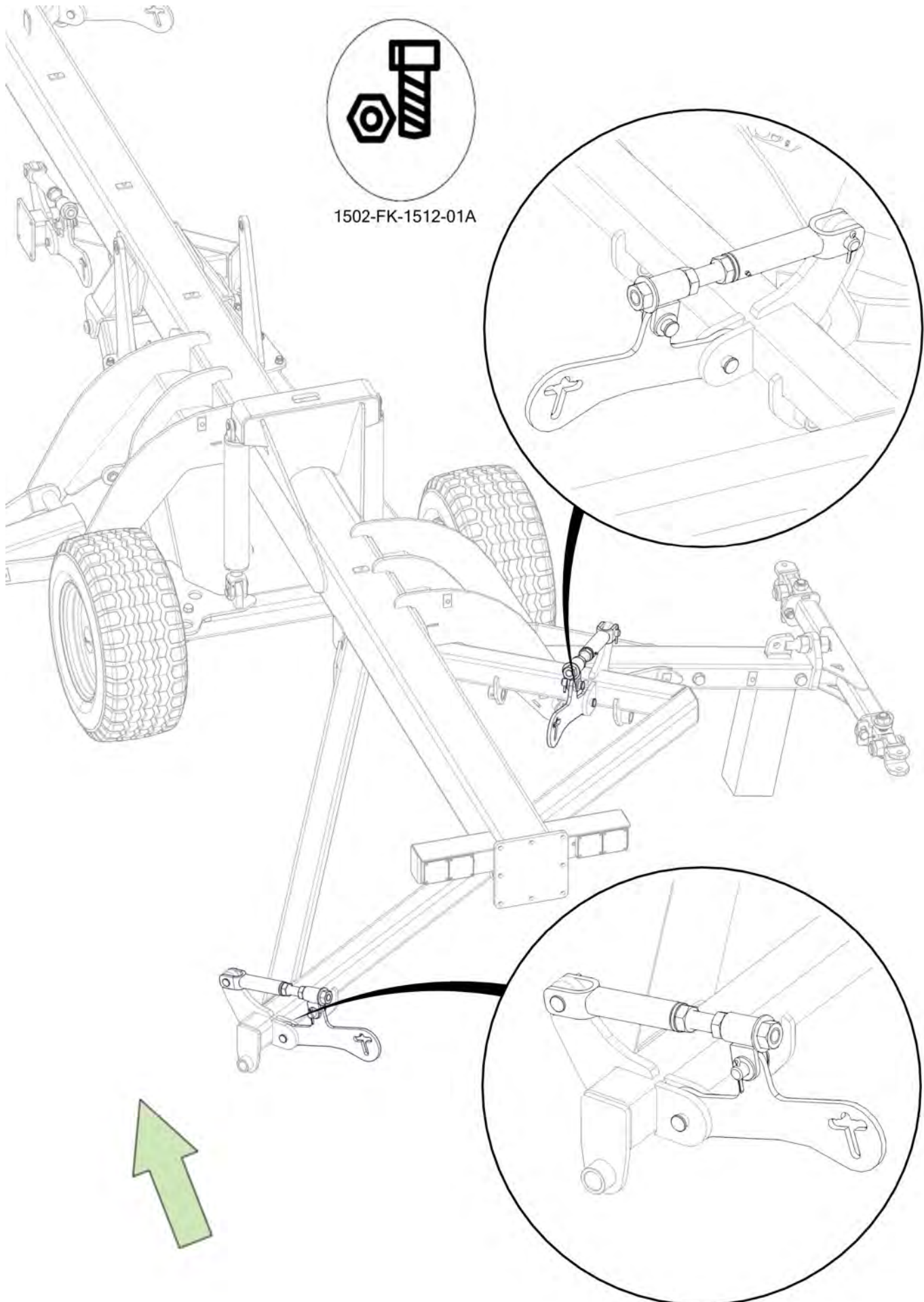
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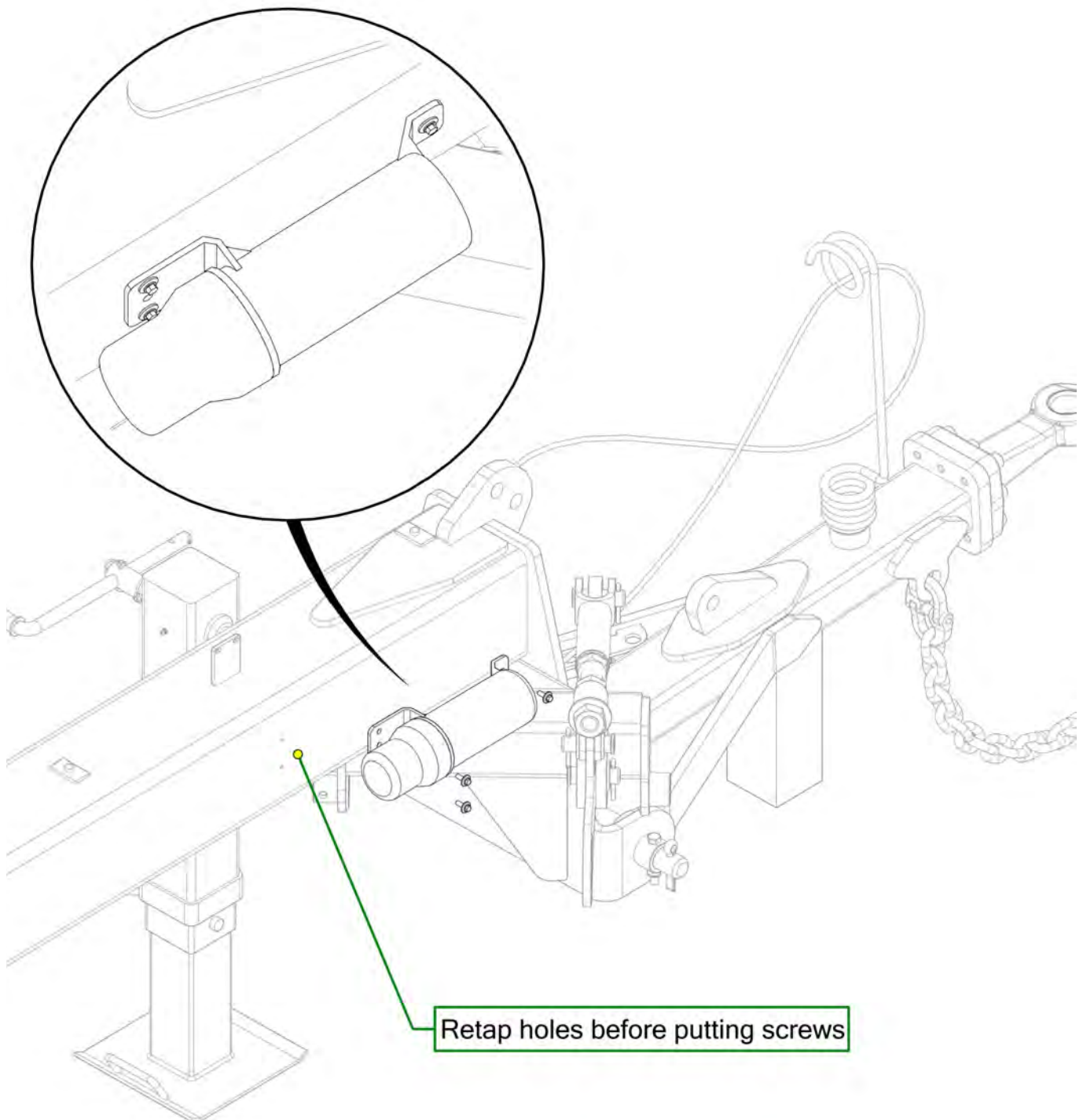




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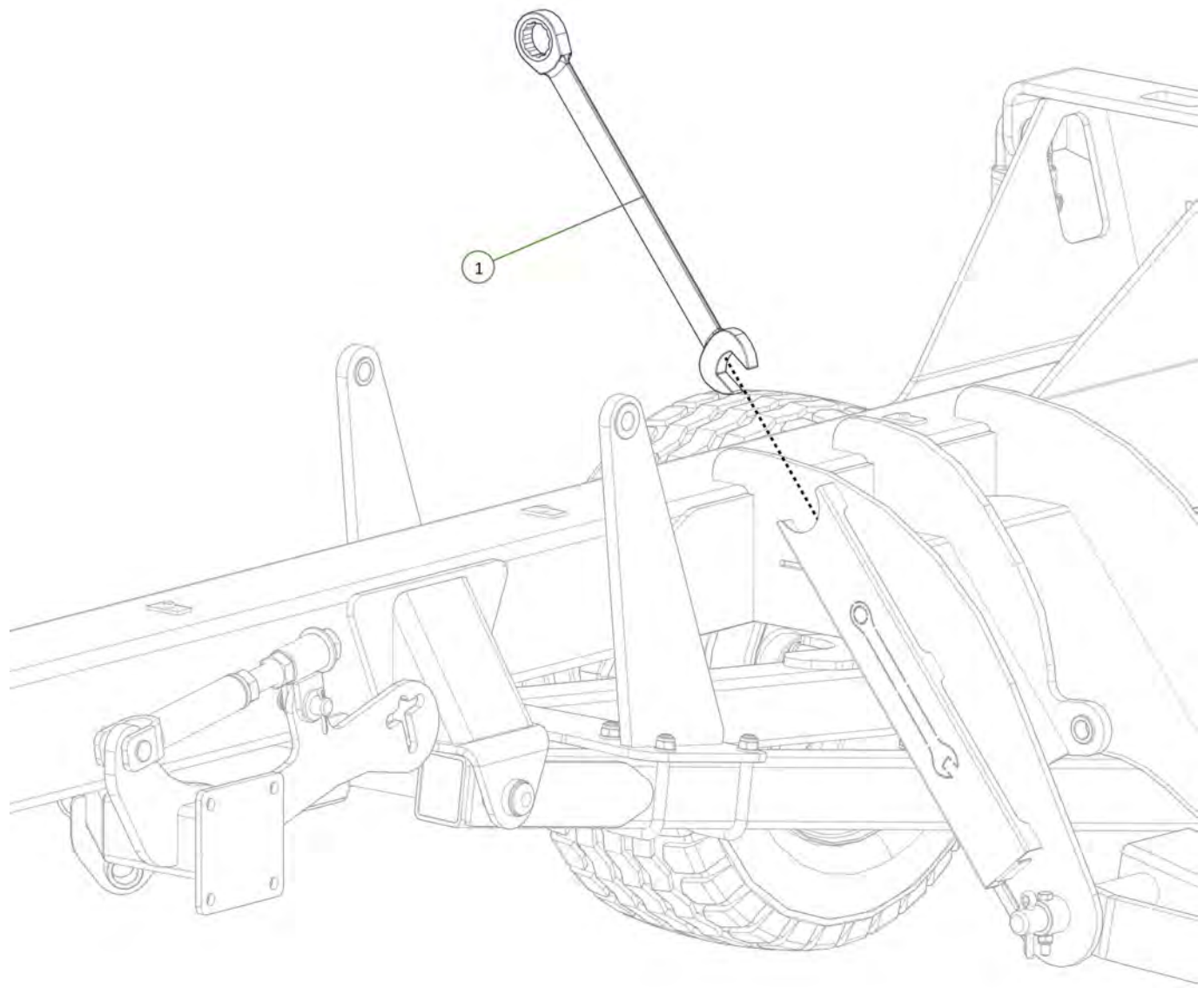


Item No.	Description	Number	Qty
1	Operator Manual Cannister	0801-OMC-1	1
2	M6 x 20mm Trilobe Screw	0211-M620MZPHTF	3



1502-FK-1512-01A





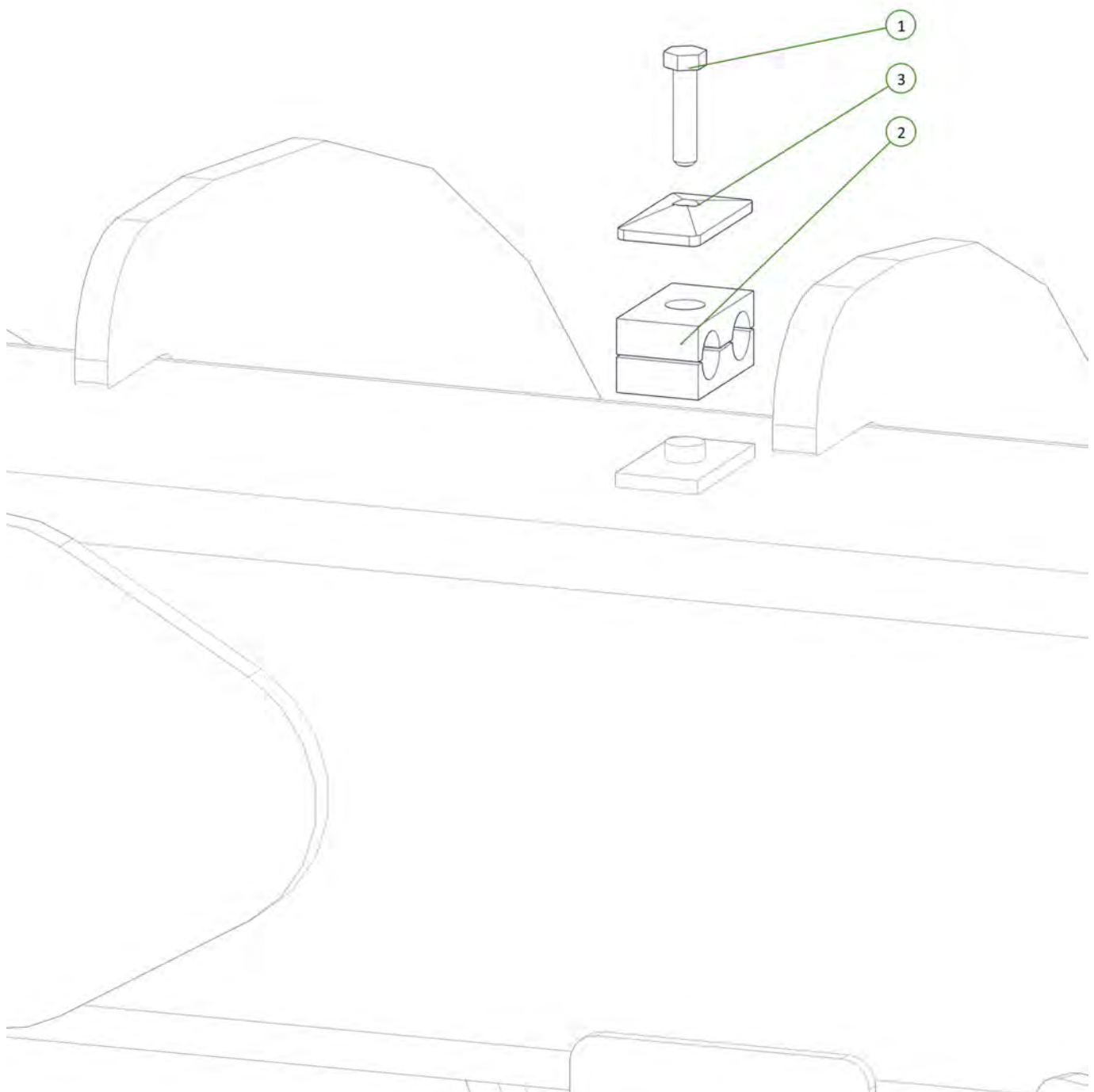
Item No.	Description	Number	Qty
1	Ratcheting Gear Wrench 1 3/4"	0802-GW1 3-4	1



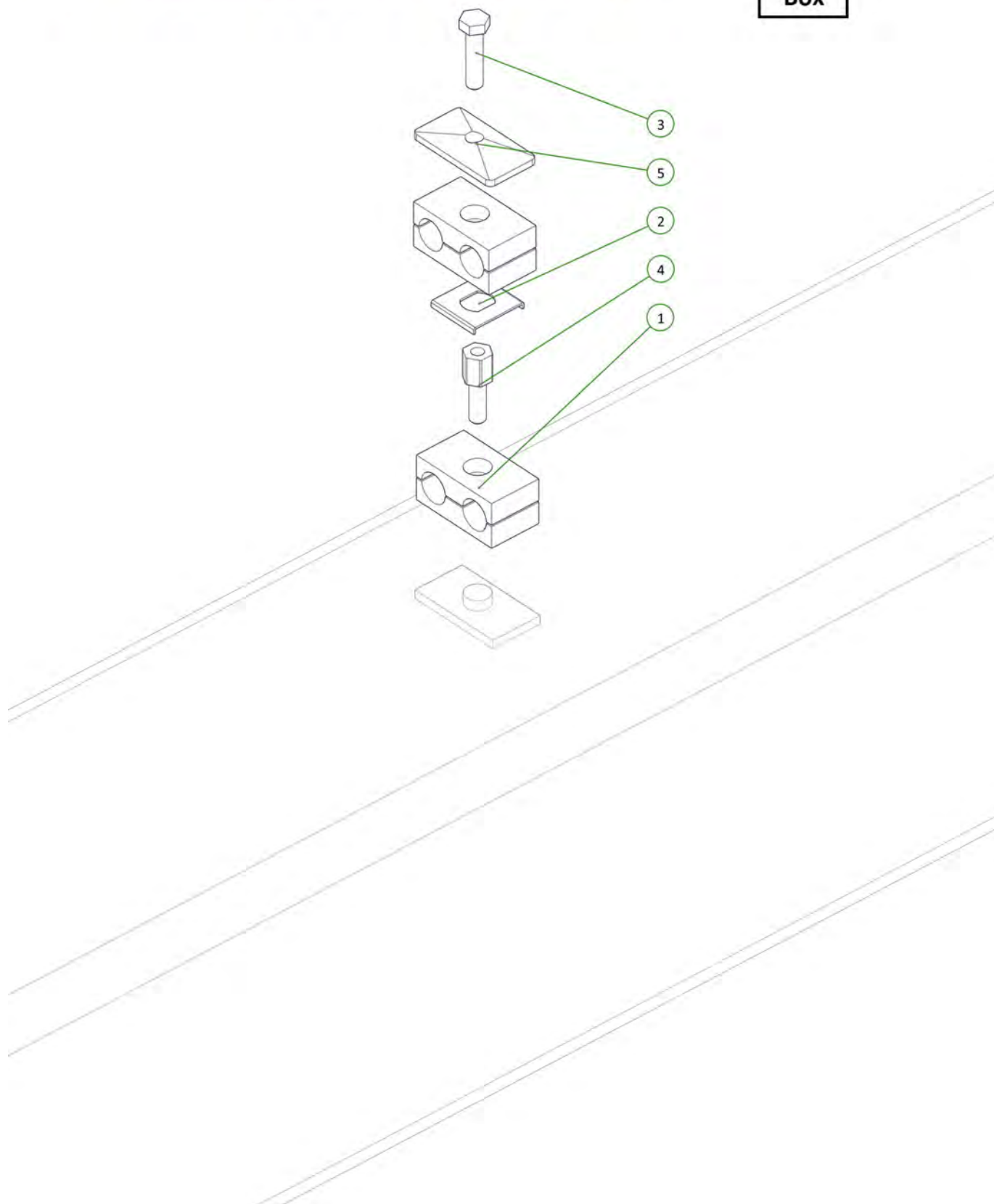
1502-FK-1512-01A



Item No.	Description	Number	Qty
1	RCD Double Clamp Bolt No 2	0325-RCD-2BH	1
2	RCD Double Clamp Jaws 17mm	0325-RCD-17J	1
3	RCD Double Clamp Top Plate No 2	0325-RCD-2PT	1



Item No.	Description	Number	Qty
1	RCD Double Clamp Jaws 17mm	0325-RCD-17J	2
2	Double Clamp Stacking Plate (Non Ryco)	0325-SI-2-5D-W3	1
3	RCD Double Clamp Bolt No 2	0325-RCD-2BH	1
4	RCD Double Clamp Stacking Bolt No 2	0325-RCD-2BS	1
5	RCD Double Clamp Top Plate No 2	0325-RCD-2PT	1



Item No.	Description	Number	Qty
1	Ball Valve BSPP 1/2"	0341-RL20SH-0808	2
2	M6 x 85 Class 8.8 ZP Bolt	0211-685	2
3	Nyloc Nut M6	0221-NYL6	2



1502-FK-1512-01A

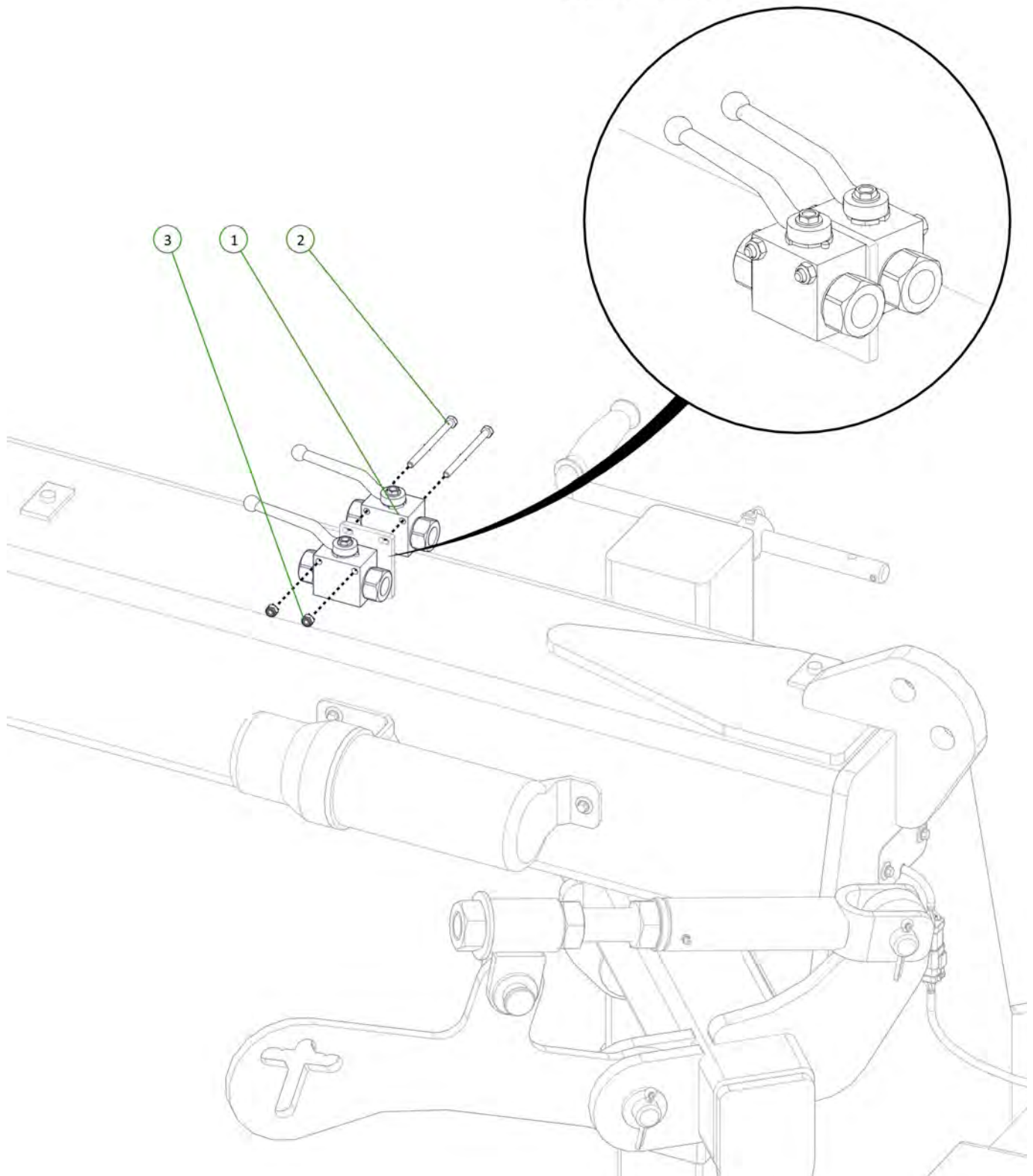
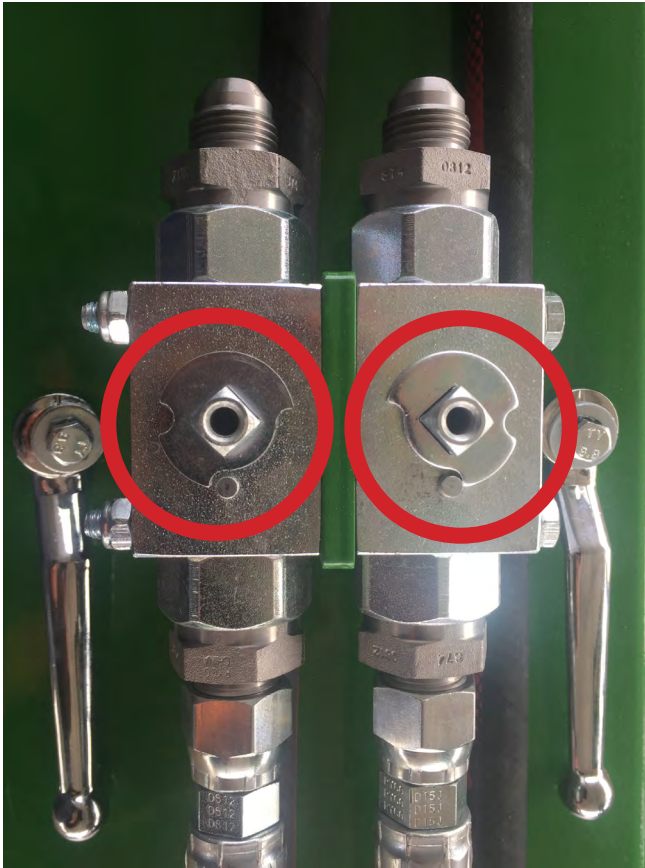


Image 1



Instructions

1. Unbolt tap handle from tap (as seen in image 1).
2. Flip one plate over so they are a mirror image (as seen in image 1).
3. Bolt tap handle back in original position (as seen in image 2)
4. Correct fitment will ensure taps are closed when both facing outwards on the machine (as seen in image 3).

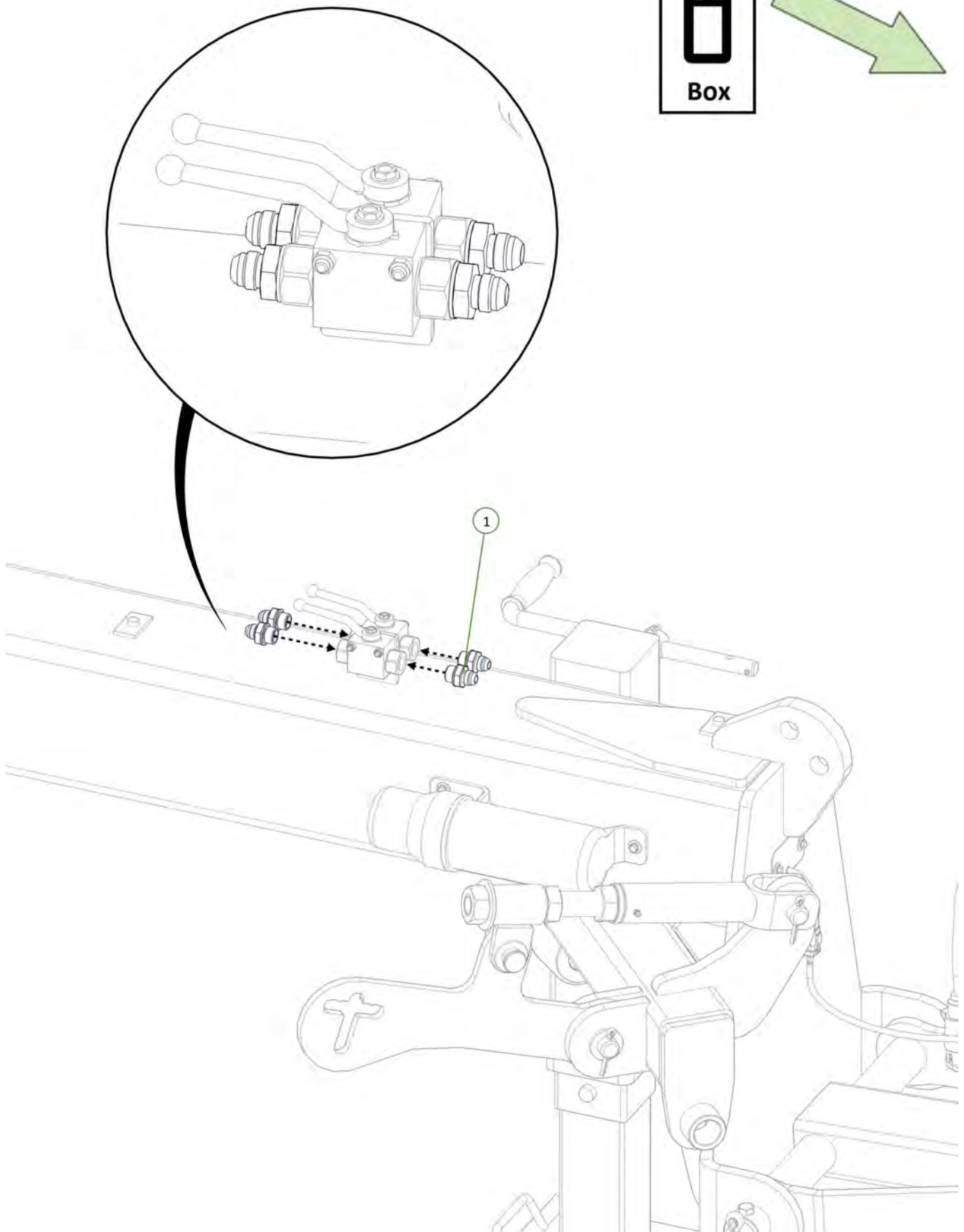
Image 2



Image 3

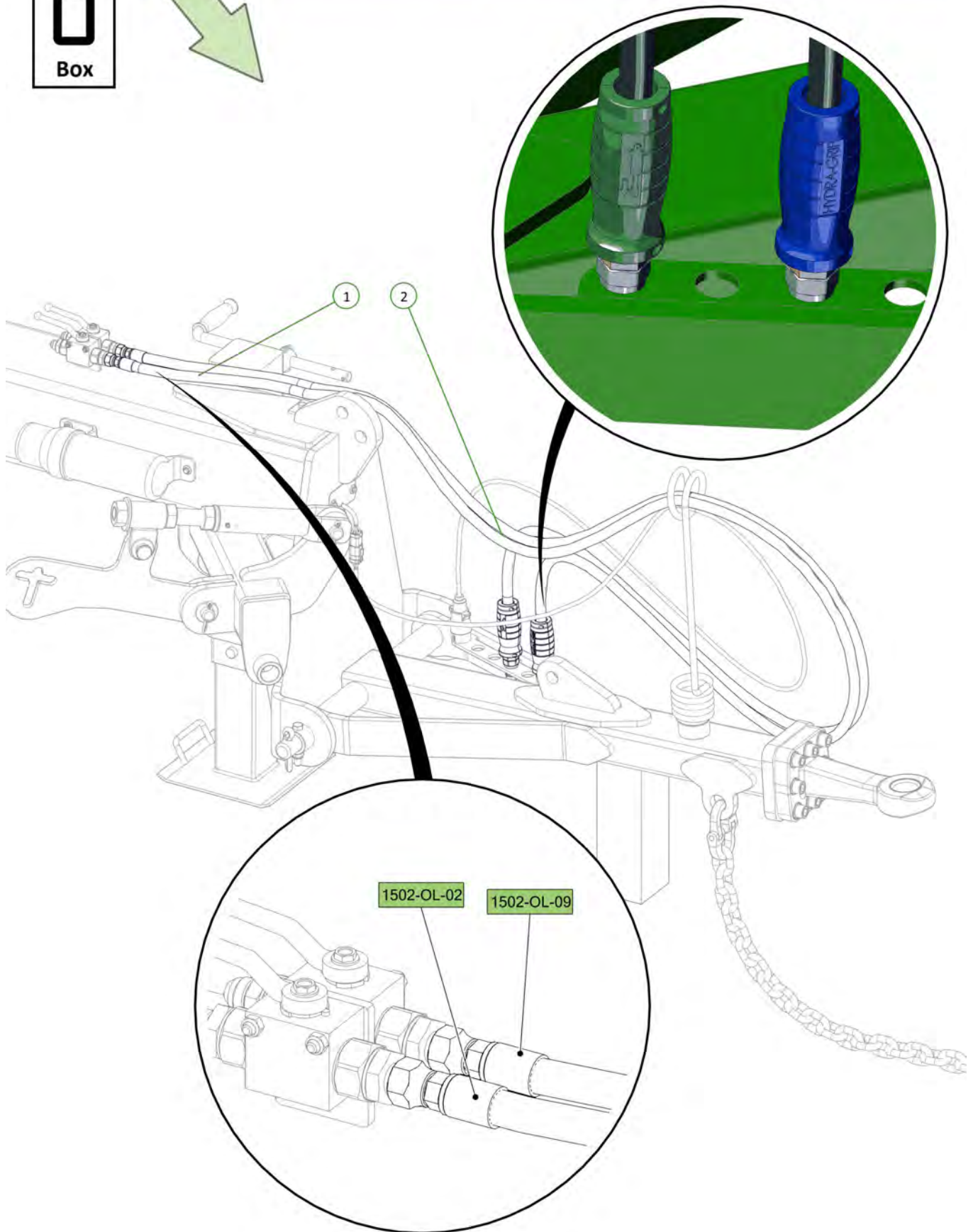


Item No.	Description	Number	Qty
1	1/2" BSPP Encapt Male 3/4" JIC Male Adaptor	0323-S74-0812	4



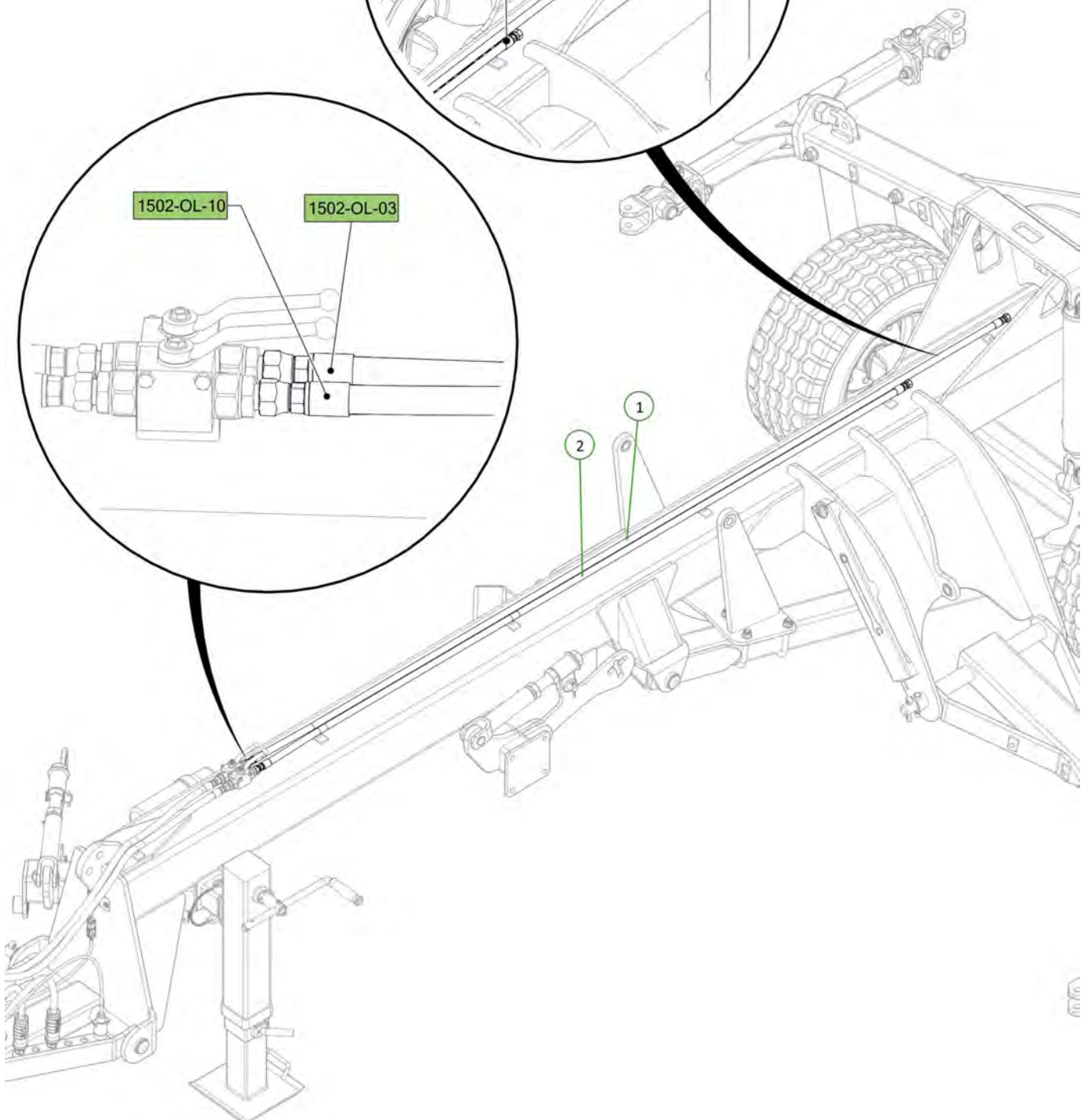
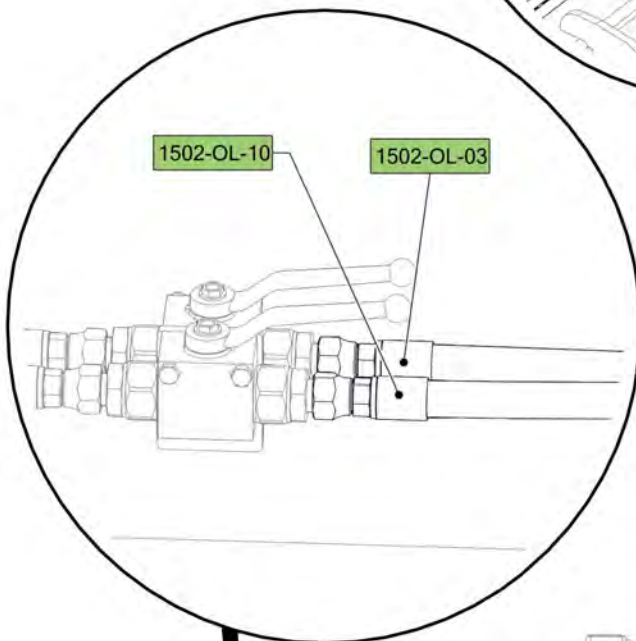
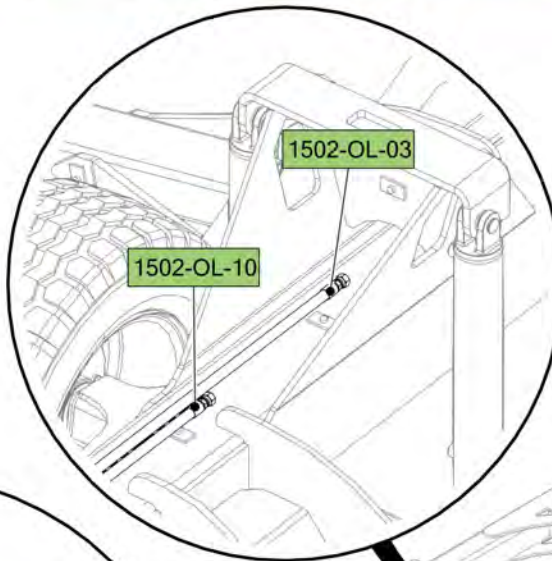


Item No.	Description	Number	Qty
1	Tractor to Wheel Lift Valve Fitted with Green Extend Grip	1502-OL-02	1
2	Tractor to Wing Fold Valve Fitted with Blue Retract Grip	1502-OL-09	1



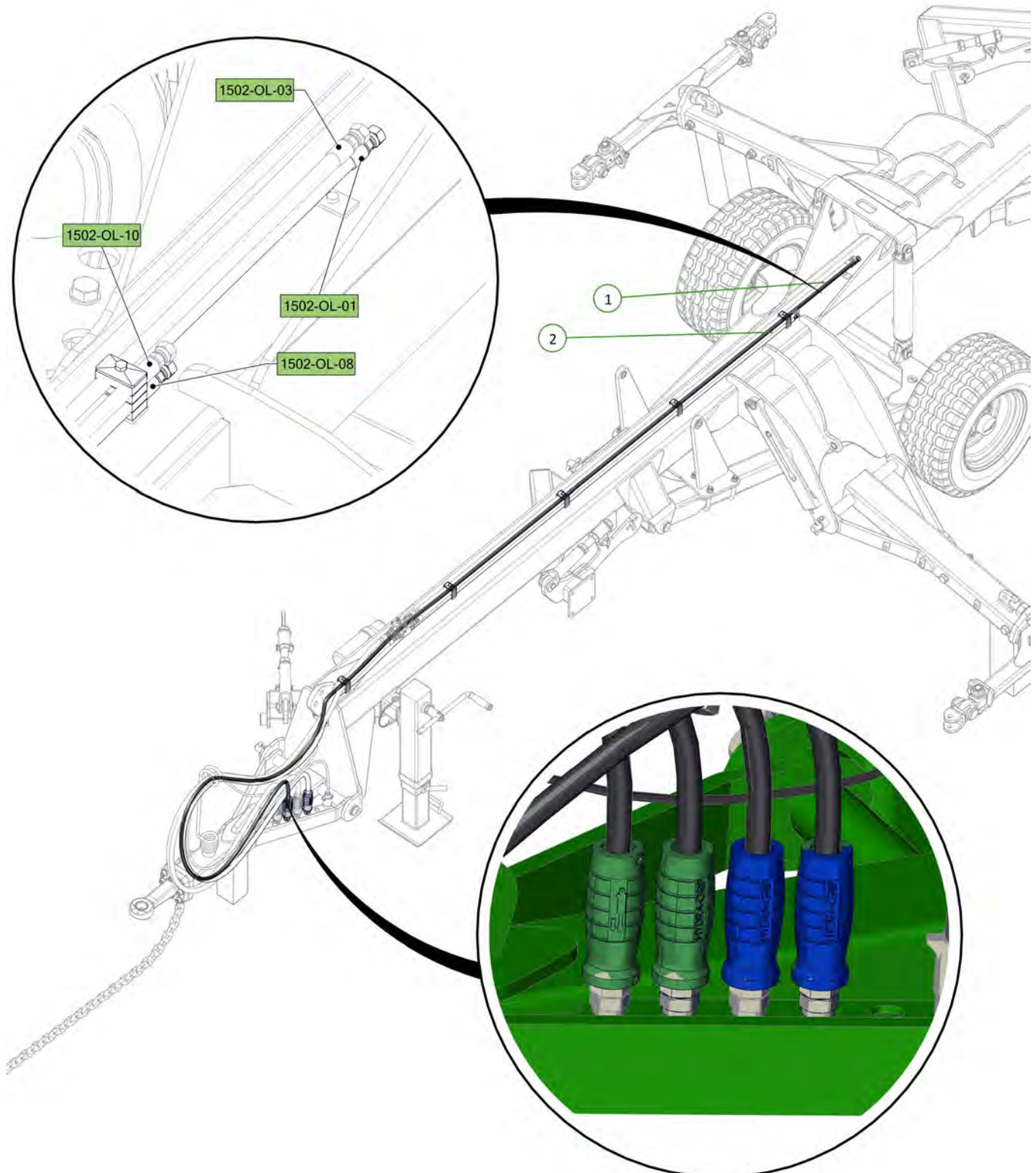


Item No.	Description	Number	Qty
1	Wheel Lift Valve to Wheel Lift Extend Tee	1502-OL-03	1
2	Wing Fold Valve to Wing Fold Tee	1502-OL-10	1



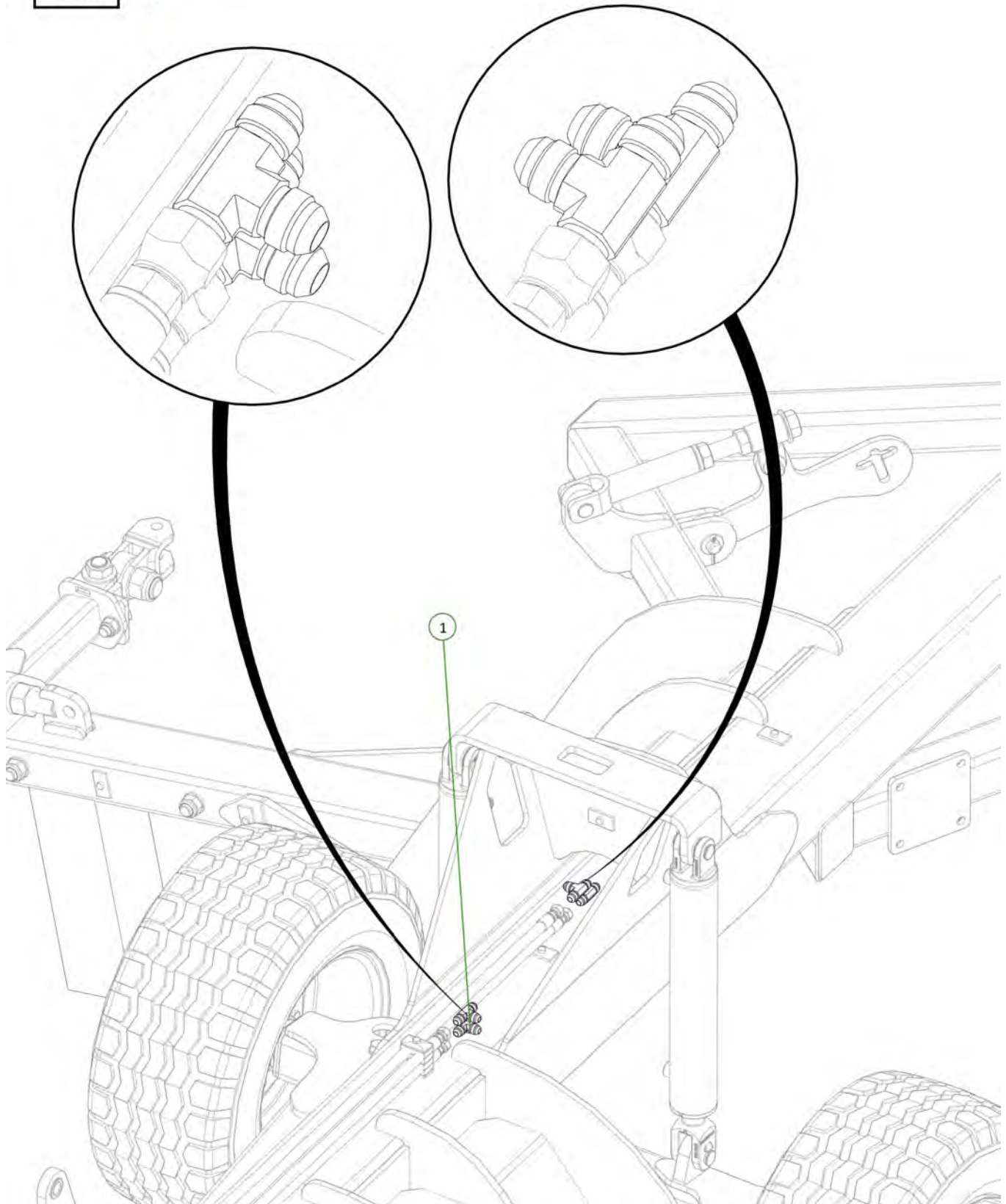


Item No.	Description	Number	Qty
1	Tractor to Wheel Lift Retract Tee Fitted with Green Retract Grip	1502-OL-01	1
2	Tractor to Wing Unfold Tee Fitted with Blue Extend Grip	1502-OL-08	1



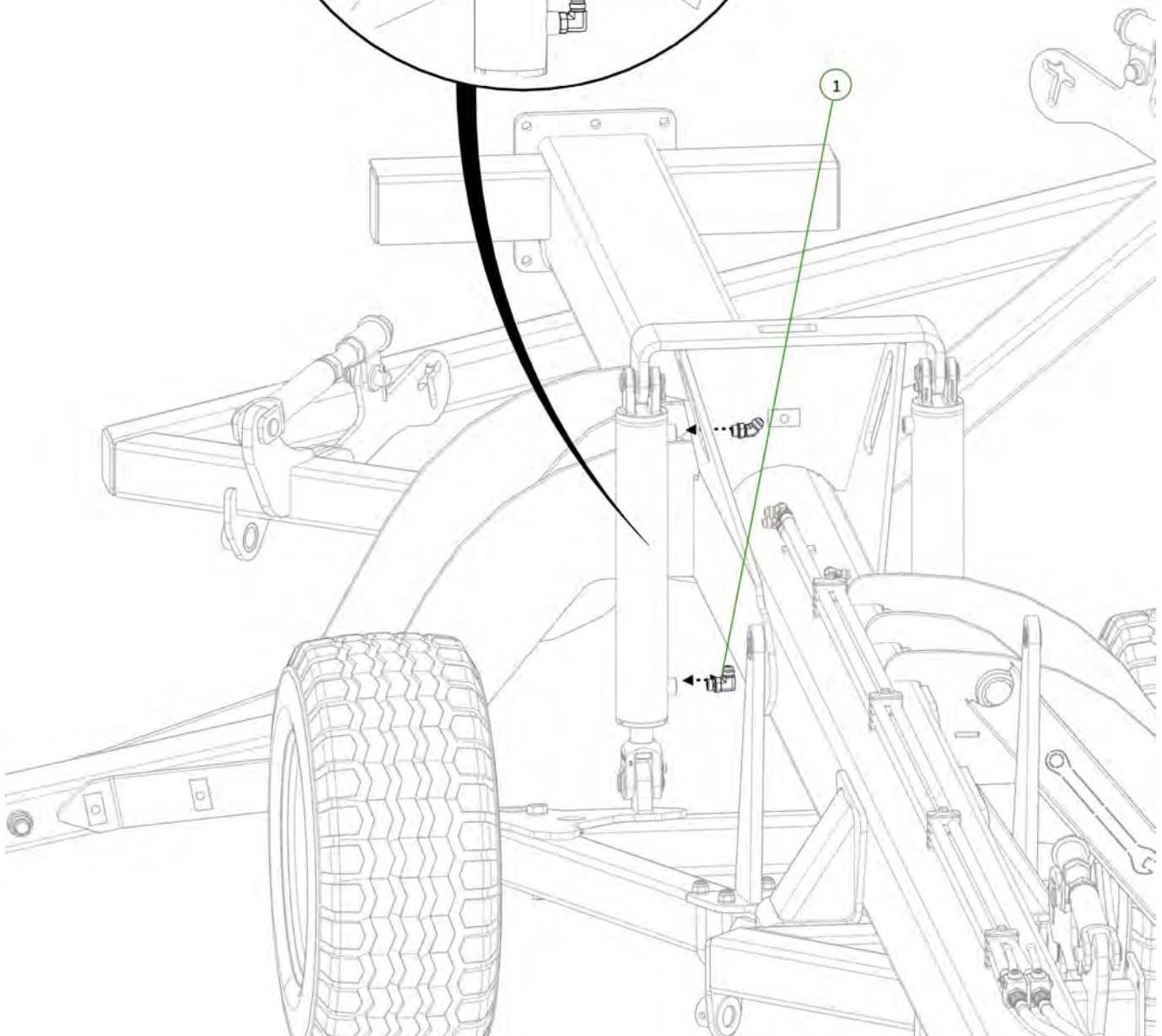
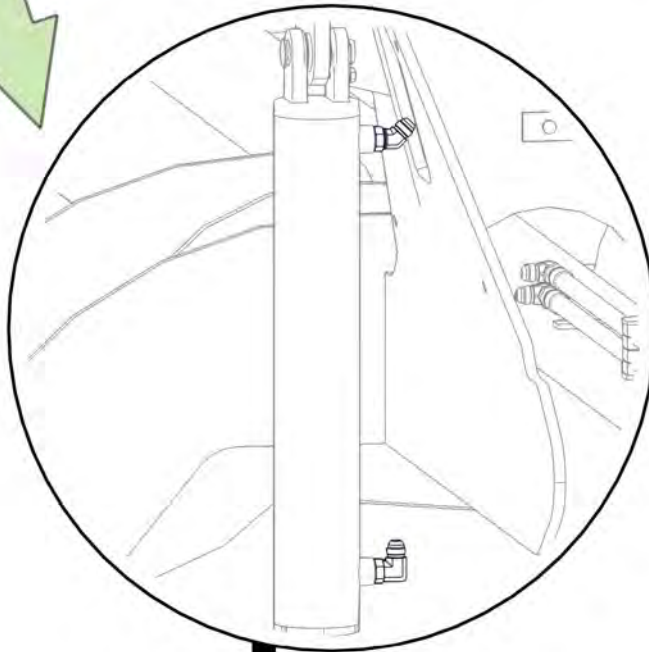


Item No.	Description	Number	Qty
1	3/4" JIC Male Tee 3/4" JIC Male Tee 3/4" JIC Male Tee	0324-S19-121212	4



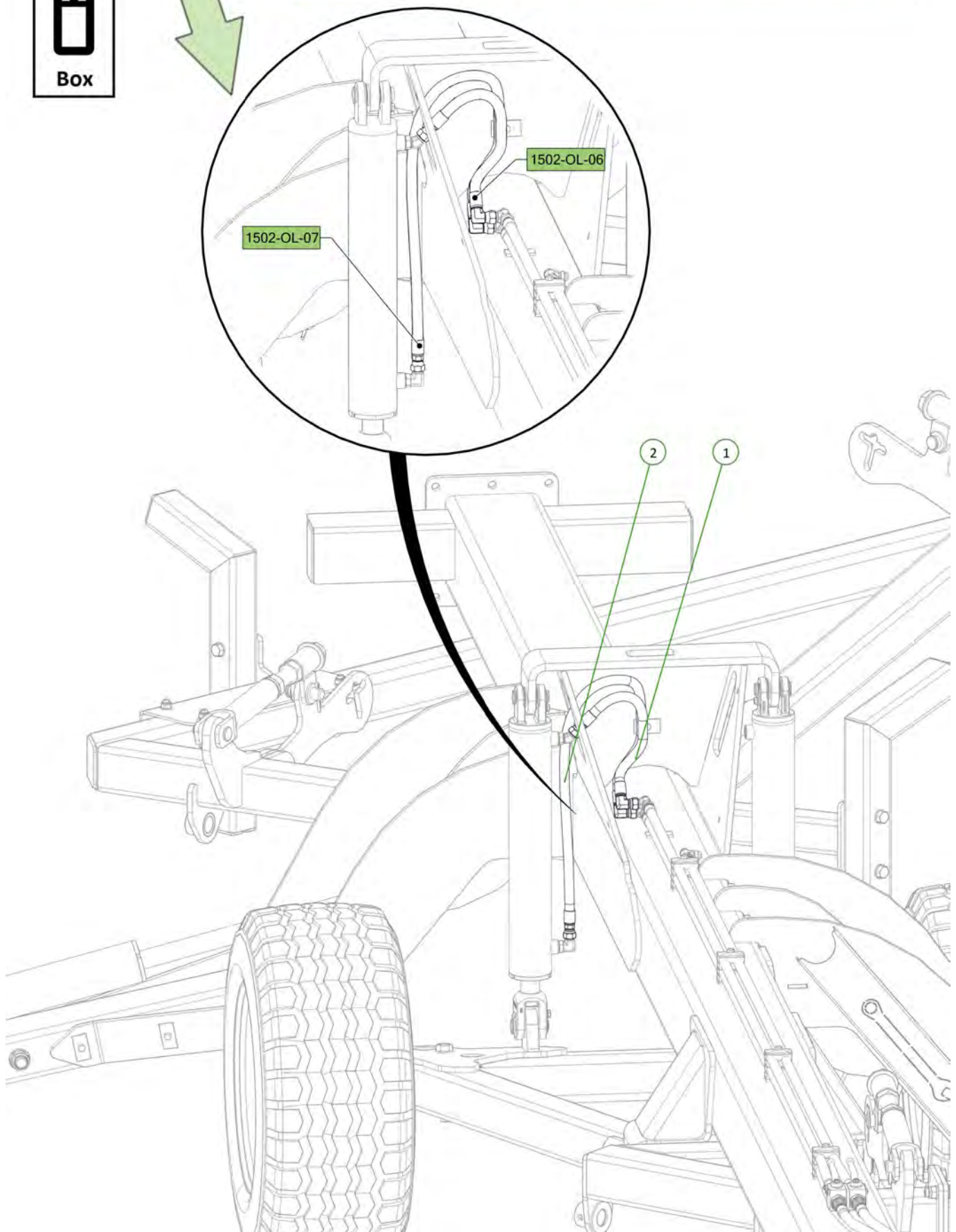


Item No.	Description	Number	Qty
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	0323-S91-1212	1



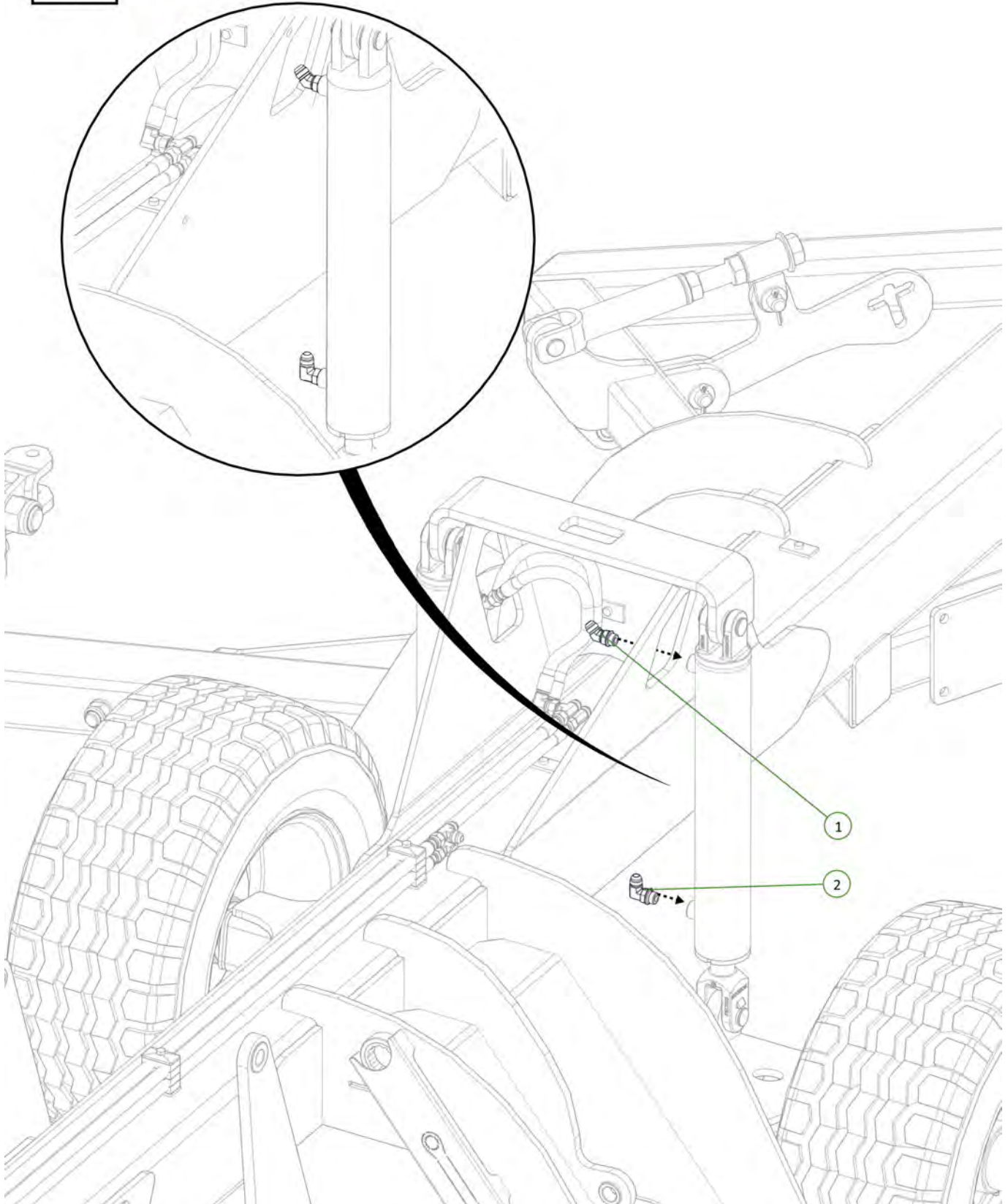


Item No.	Description	Number	Qty
1	Wheel Lift Extend Tee to Right Hand Lift Cylinder Extend Port	1502-OL-06	1
2	Wheel Lift Retract Tee to Right Hand Lift Cylinder Retract Port	1502-OL-07	1



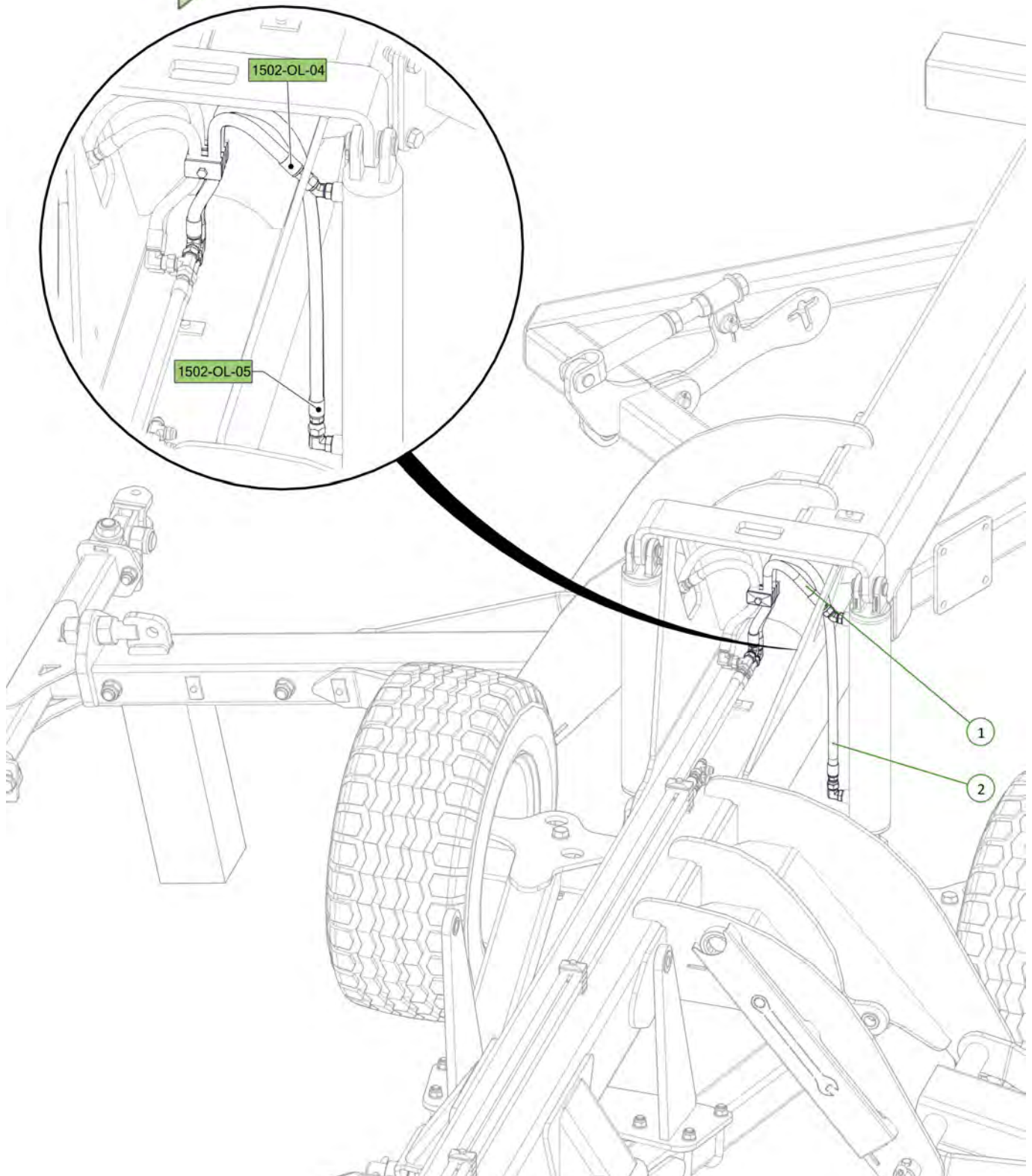


Item No.	Description	Number	Qty
1	3/4" JIC Male 3/4" UN O Ring Male 45° Elbow	0323-S88-1212	1
2	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	0323-S91-1212	1

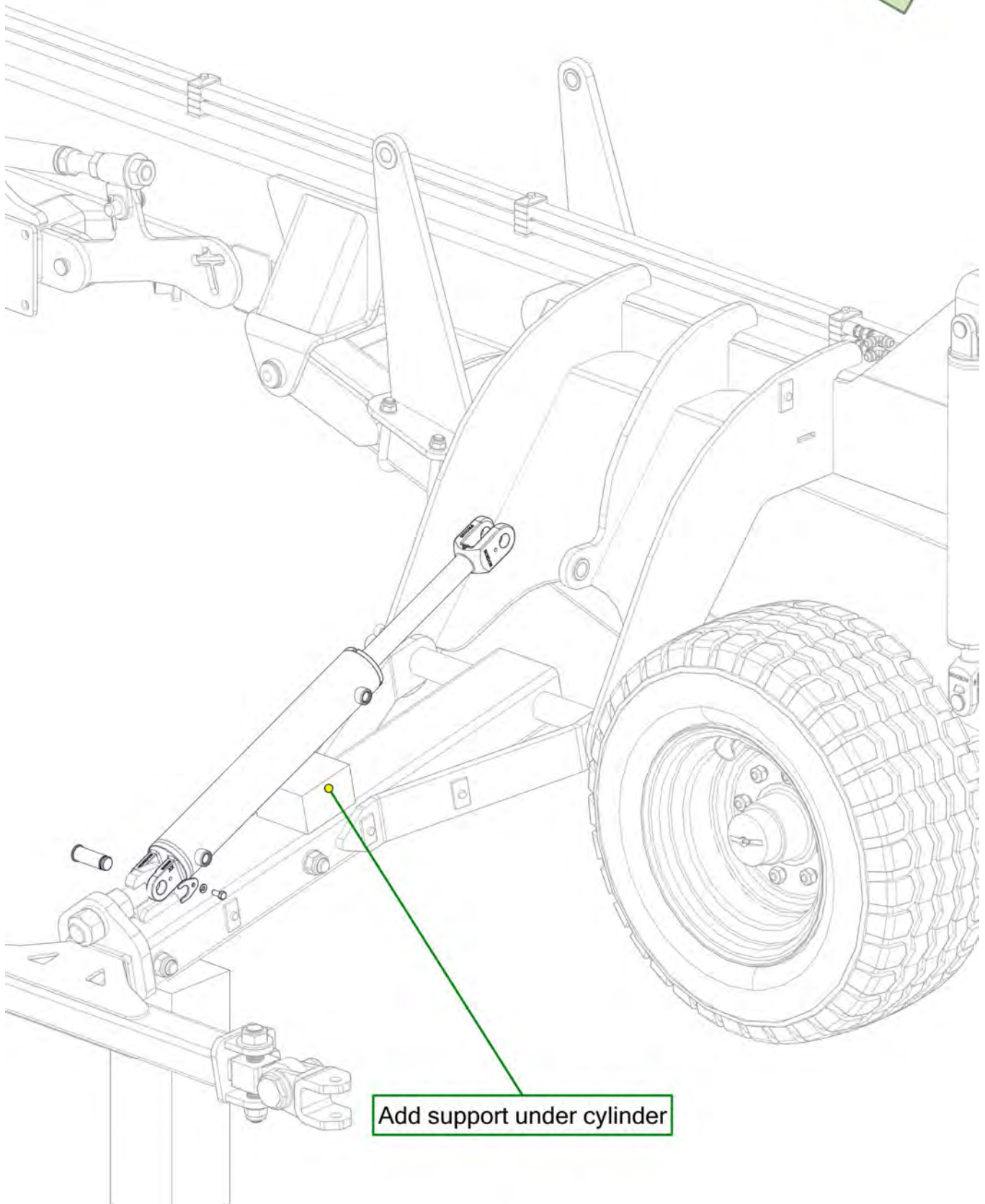




Item No.	Description	Number	Qty
1	Wheel Lift Extend Tee to Left Hand Lift Cylinder Extend Port	1502-OL-04	1
2	Wheel Lift Retract Tee to Left Hand Lift Cylinder Retract Port	1502-OL-05	1

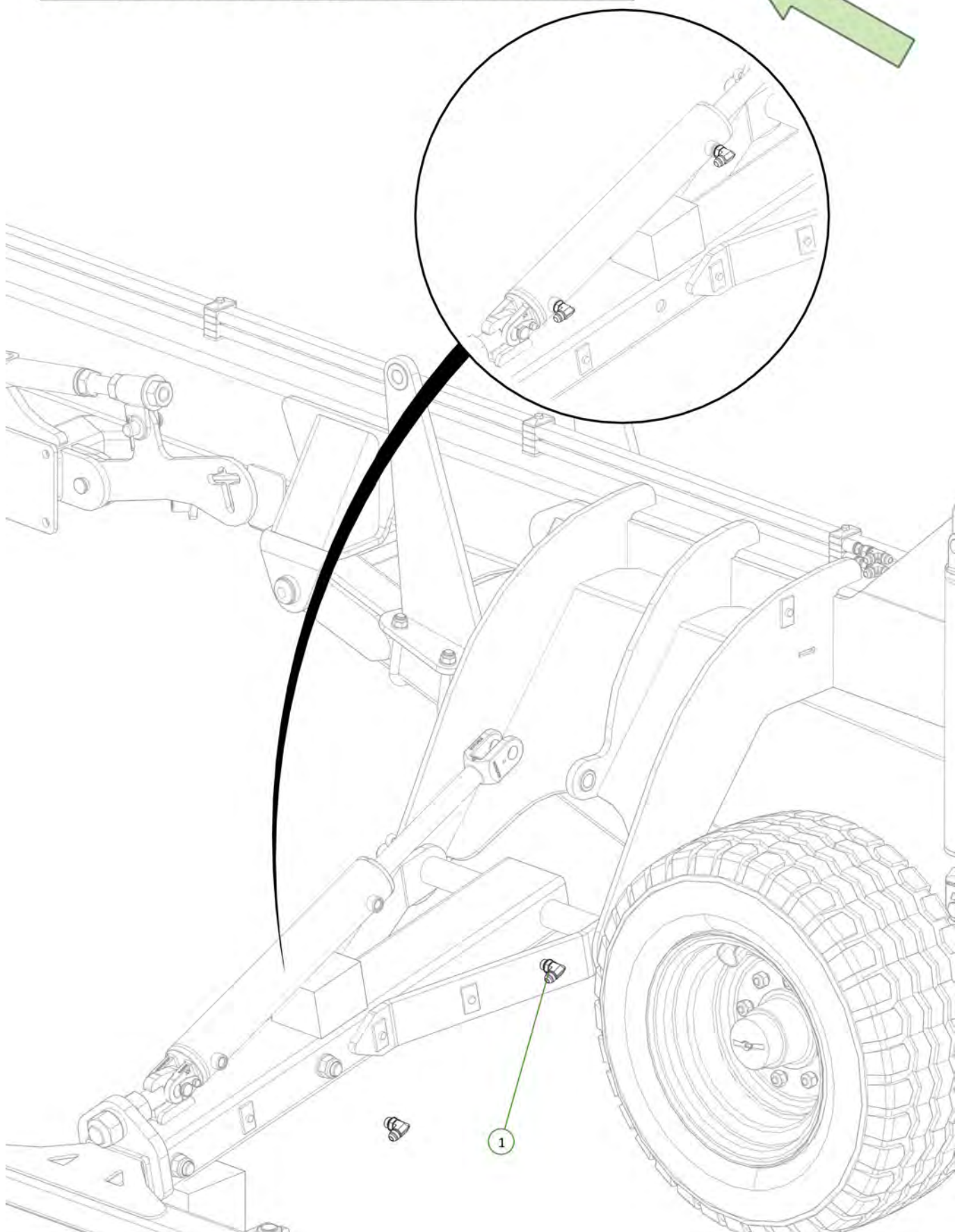


Item No.	Description	Number	Qty
1	3" Bore x 16" Stroke 1.5" Rod Side Port Hydraulic Cylinder	0311-316	1

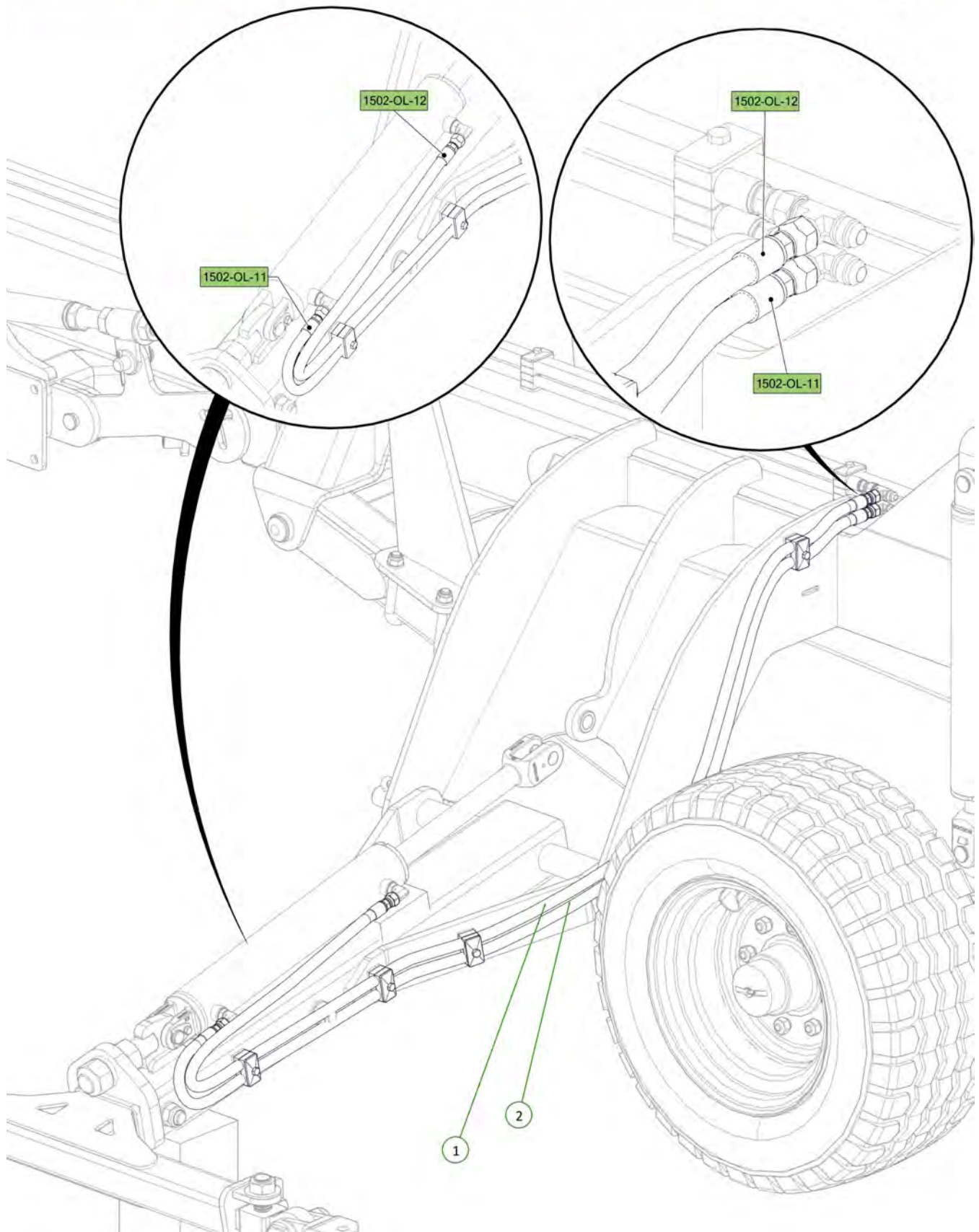
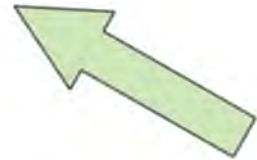


Add support under cylinder

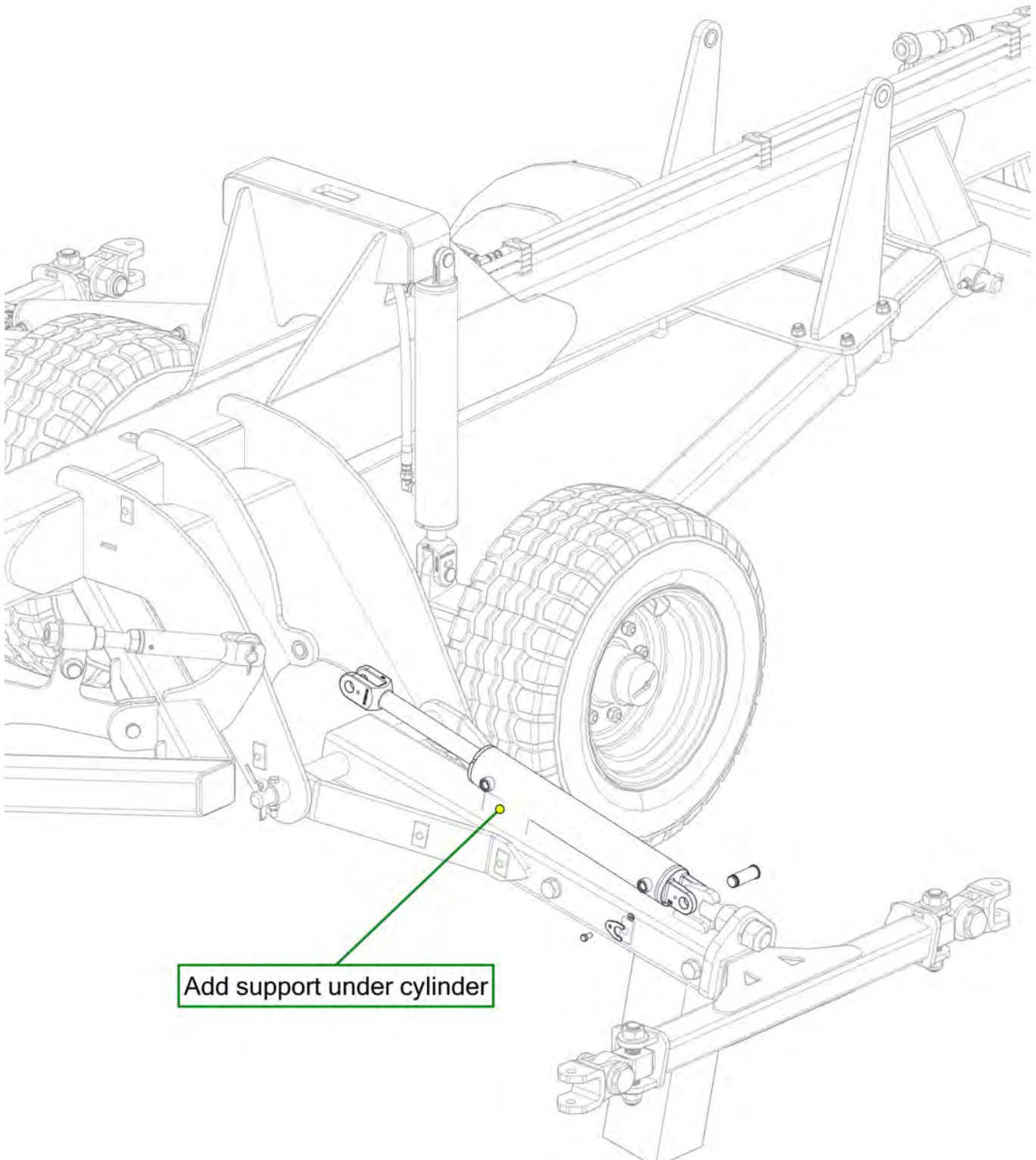
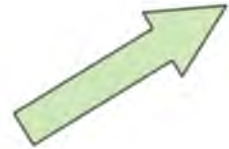
Item No.	Description	Number	Qty
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	0323-S91-1212	2



Item No.	Description	Number	Qty
1	Wing Fold Tee to Left Hand Wing Cylinder Retract Port	1502-OL-12	1
2	Wing Unfold Tee to Left Hand Wing Cylinder Extend Port	1502-OL-11	1



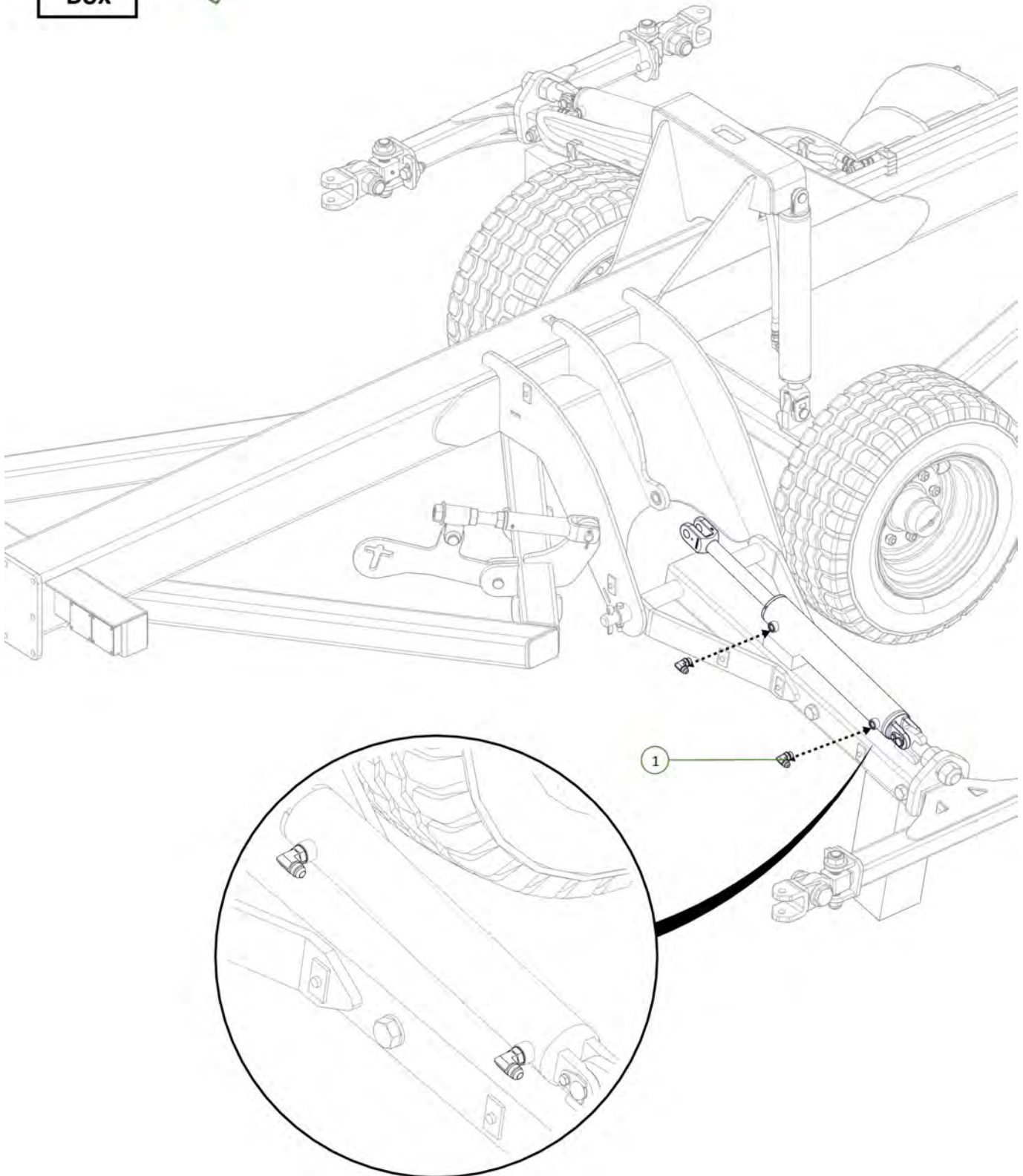
Item No.	Description	Number	Qty
1	3" Bore x 16" Stroke 1.5" Rod Side Port Hydraulic Cylinder	0311-316	1



Add support under cylinder

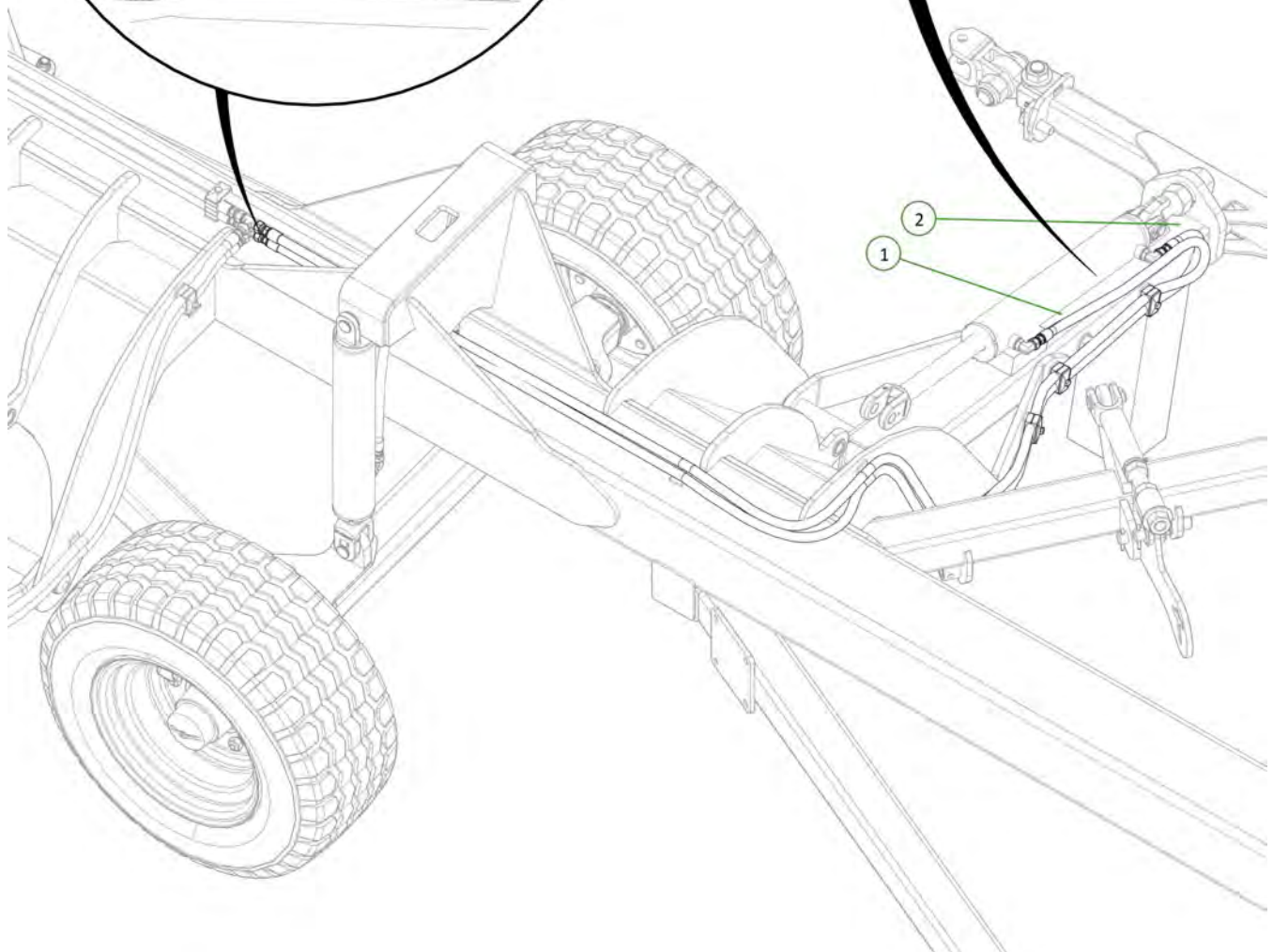
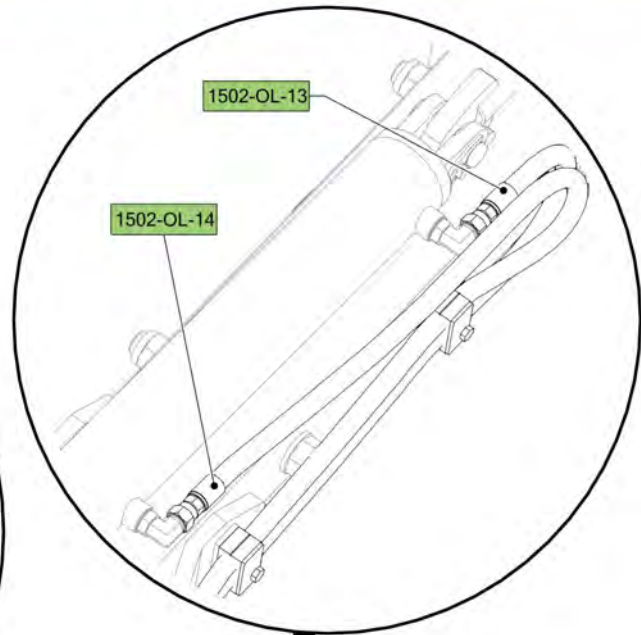
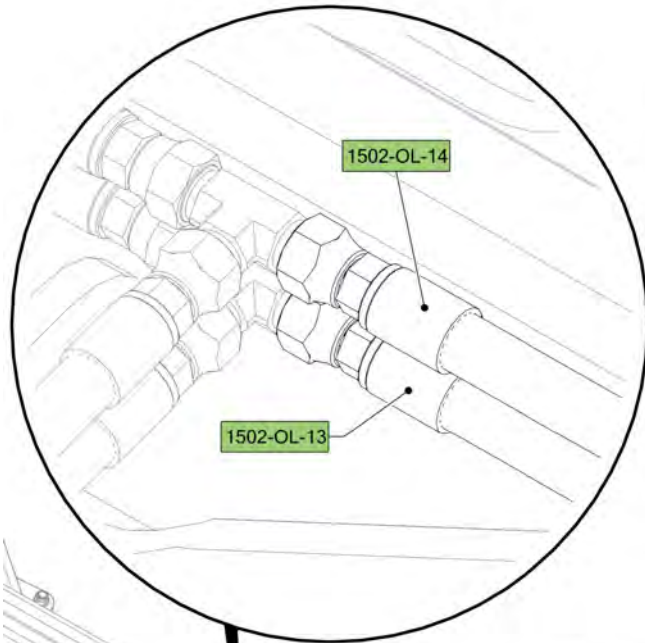


Item No.	Description	Number	Qty
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	0323-S91-1212	2





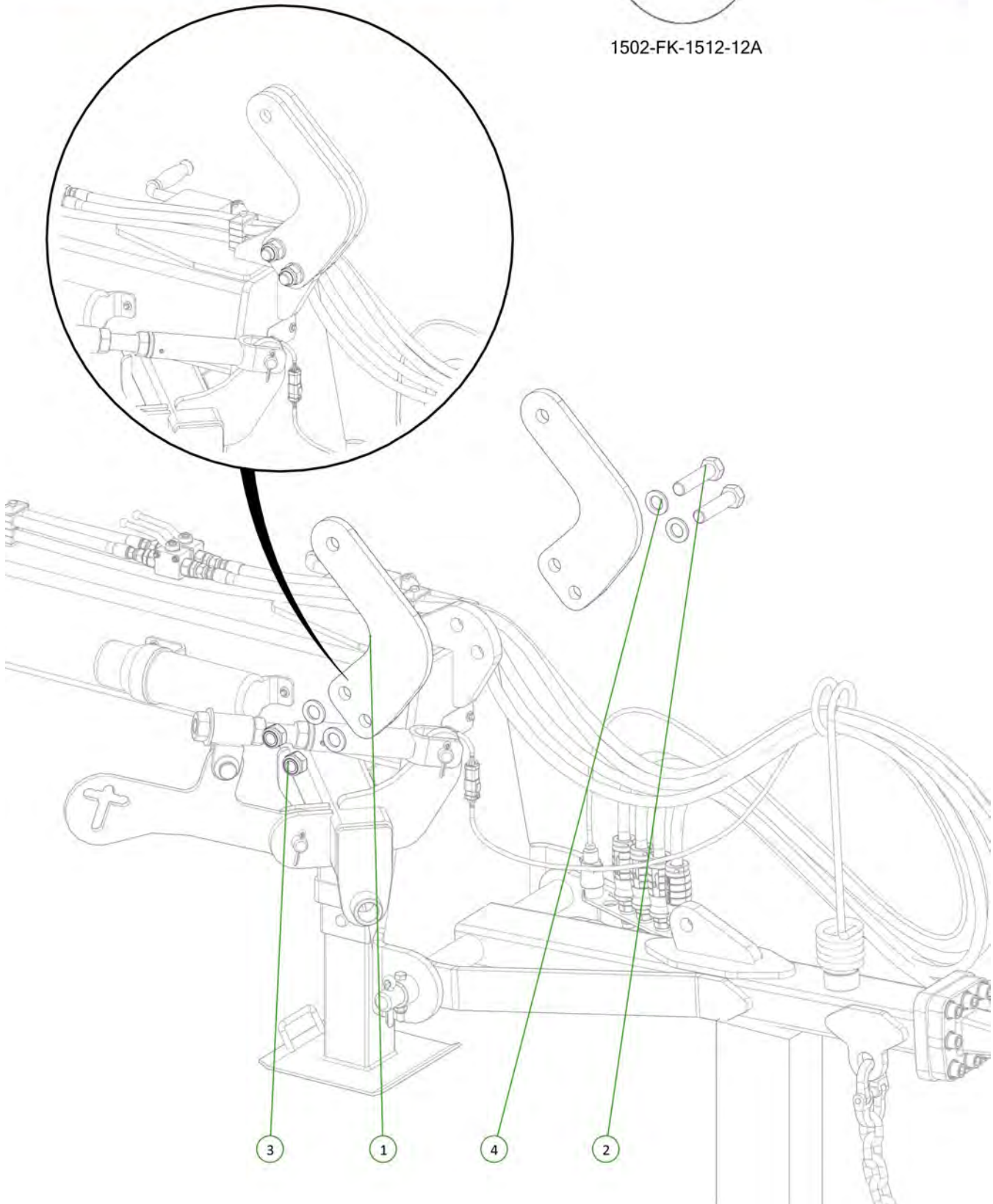
Item No.	Description	Number	Qty
1	Wing Fold Tee to Right Hand Wing Cylinder Retract Port	1502-OL-14	1
2	Wing Unfold Tee to Right Hand Wing Cylinder Extend Port	1502-OL-13	1



Item No.	Description	Number	Qty
1	Front Lift Link Plate	1500-766	2
2	M24 x 100 Class 8.8 ZP Bolt	0211-24100	2
3	Nyloc Nut M24	0221-NYL24	2
4	Washer Flat M24	0231-F24	4



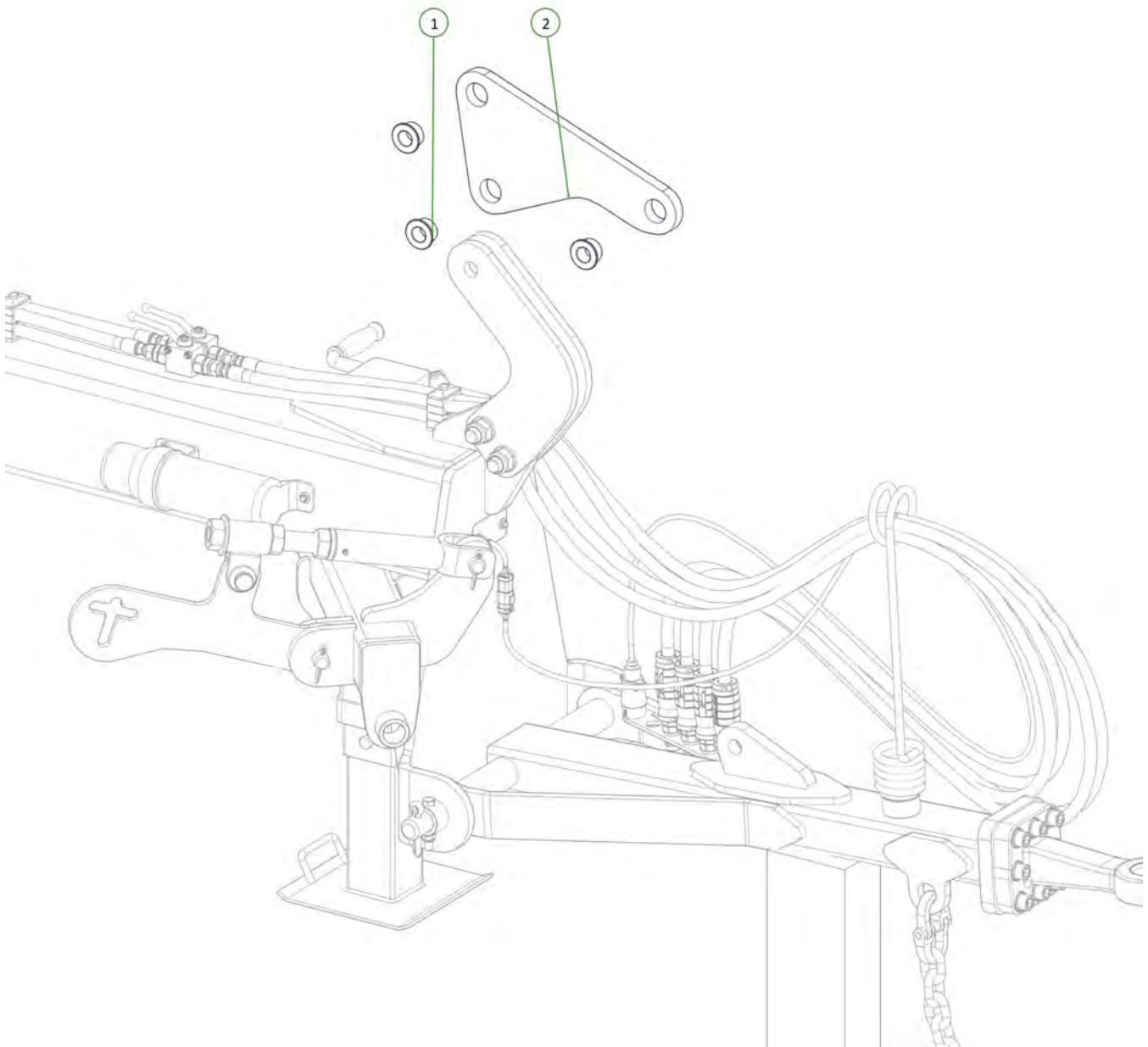
1502-FK-1512-12A



Item No.	Description	Number	Qty
1	Bush 51 OD x 26 ID x 25 Long	0801-512625	3
2	Front Angle Link Plate	1500-613	1



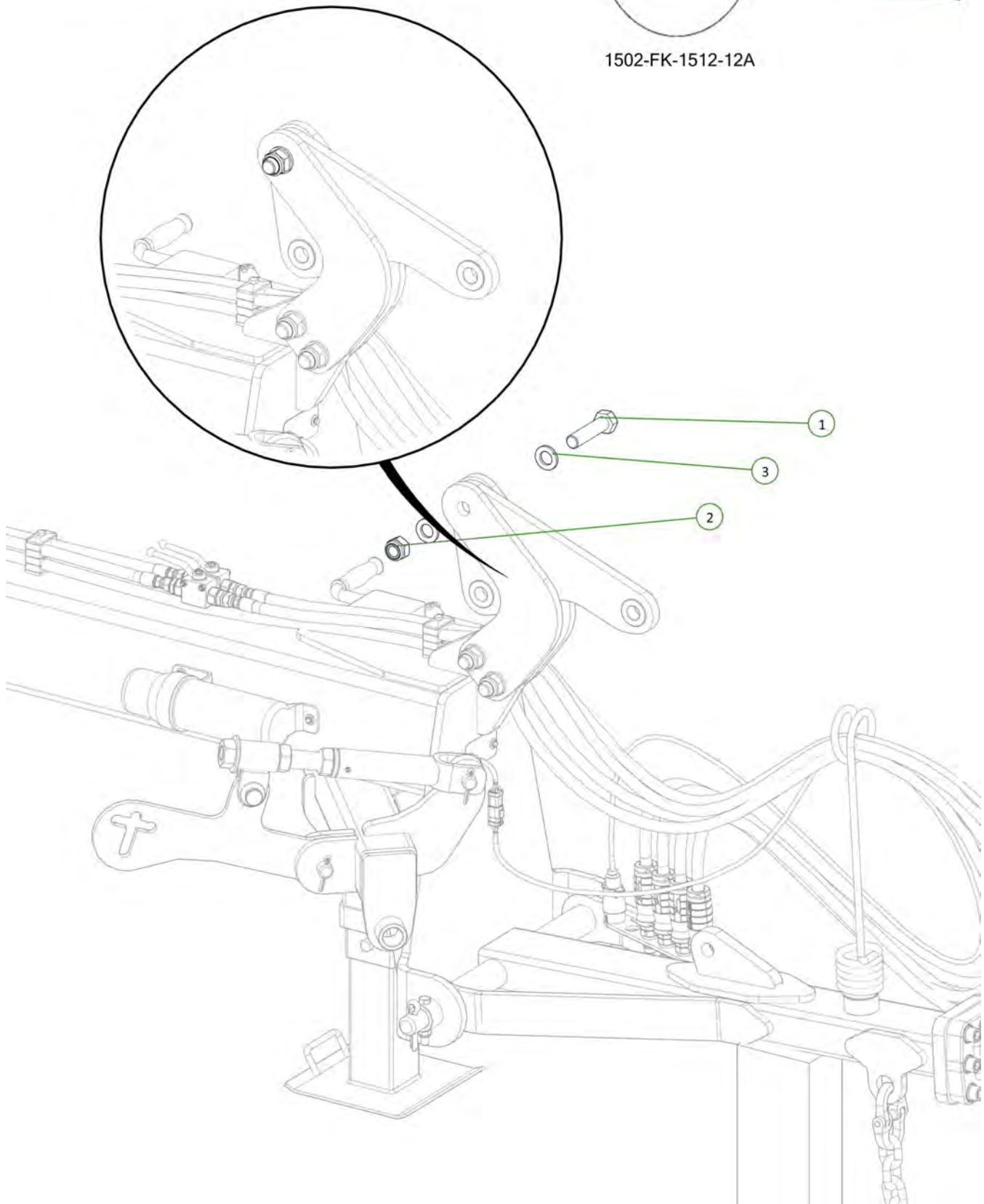
1502-FK-1512-12A



Item No.	Description	Number	Qty
1	M24 x 100 Class 8.8 ZP Bolt	0211-24100	1
2	Nyloc Nut M24	0221-NYL24	1
3	Washer Flat M24	0231-F24	2



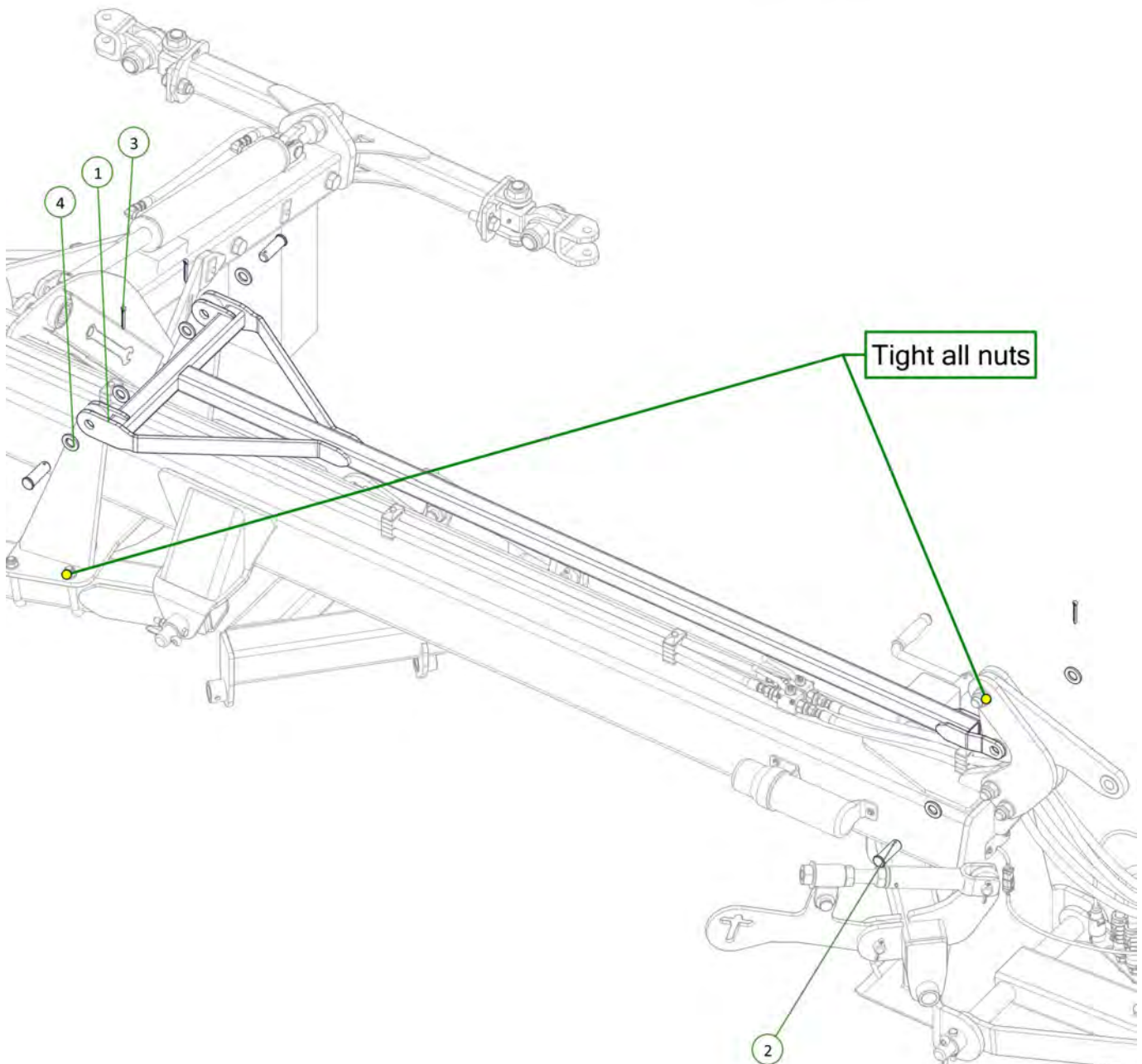
1502-FK-1512-12A



Item No.	Description	Number	Qty
1	Main Level Lift	1510-316	1
2	Clevis Pin 25mm x 75mm	0801-KE0307-1	3
3	Cotter Pin M6 x 50mm	0261-PINC650	3
4	Washer Flat M24	0231-F24	6



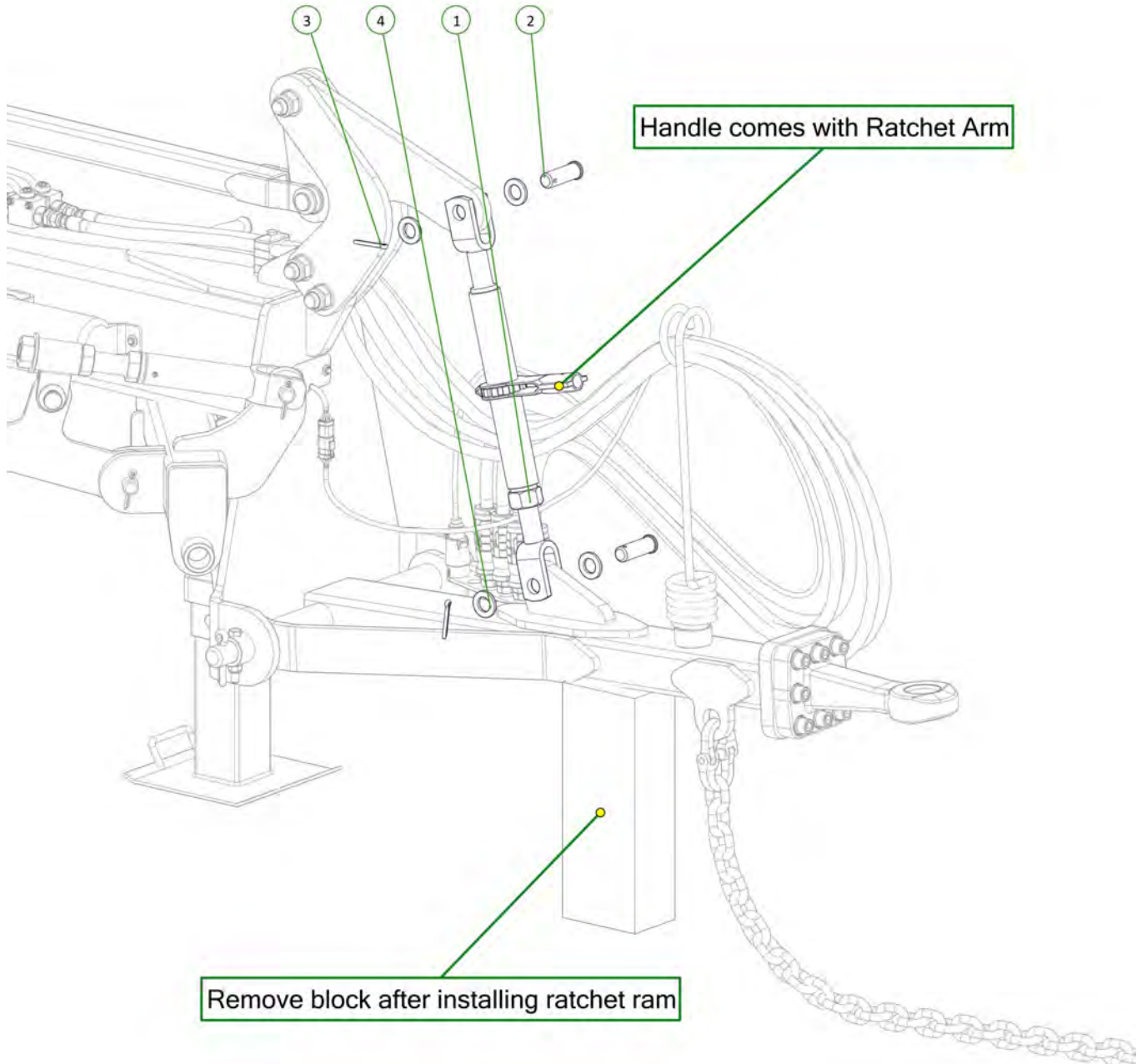
1502-FK-1512-12A



Item No.	Description	Number	Qty
1	Heavy Duty Ratchet Ram	0801-19RAJ013	1
2	Clevis Pin 25mm x 75mm	0801-KE0307-1	2
3	Cotter Pin M6 x 50mm	0261-PINC650	2
4	Washer Flat M24	0231-F24	4



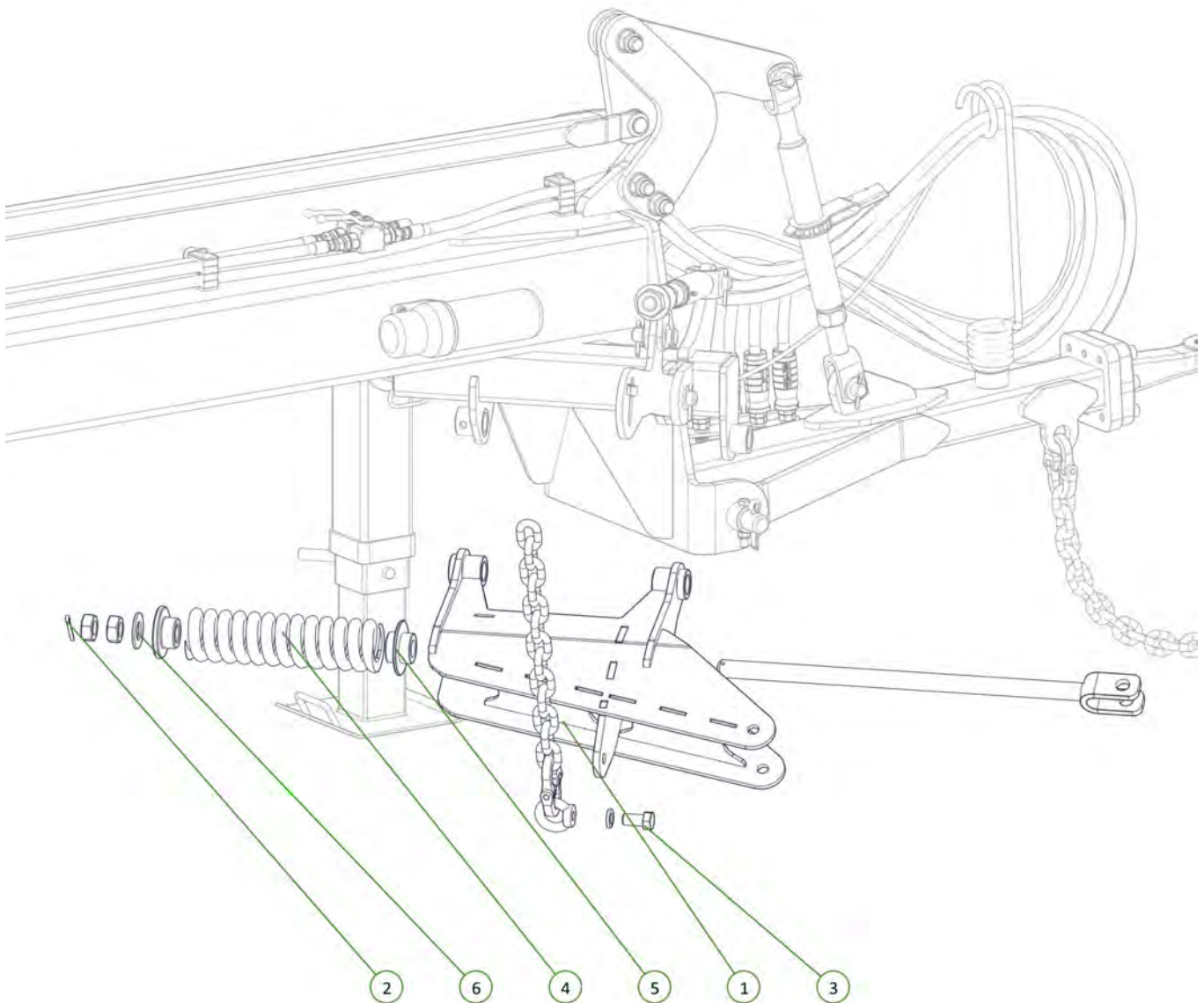
1502-FK-0810-50A



Item No.	Description	Number	Qty
1	Tension Box	0810-57	1
2	Module Tension Rod Assembly	0810-105A	1
3	Height Adjusting Chain Assembly 13 Link	0801-20MCA	1
4	20mm Compression Spring	0801-XK9261S	1
5	Rigid Spring Locator	0801-10-S2L	1
6	Washer High Tensile 1 1/4"	0232-HT11-4	1



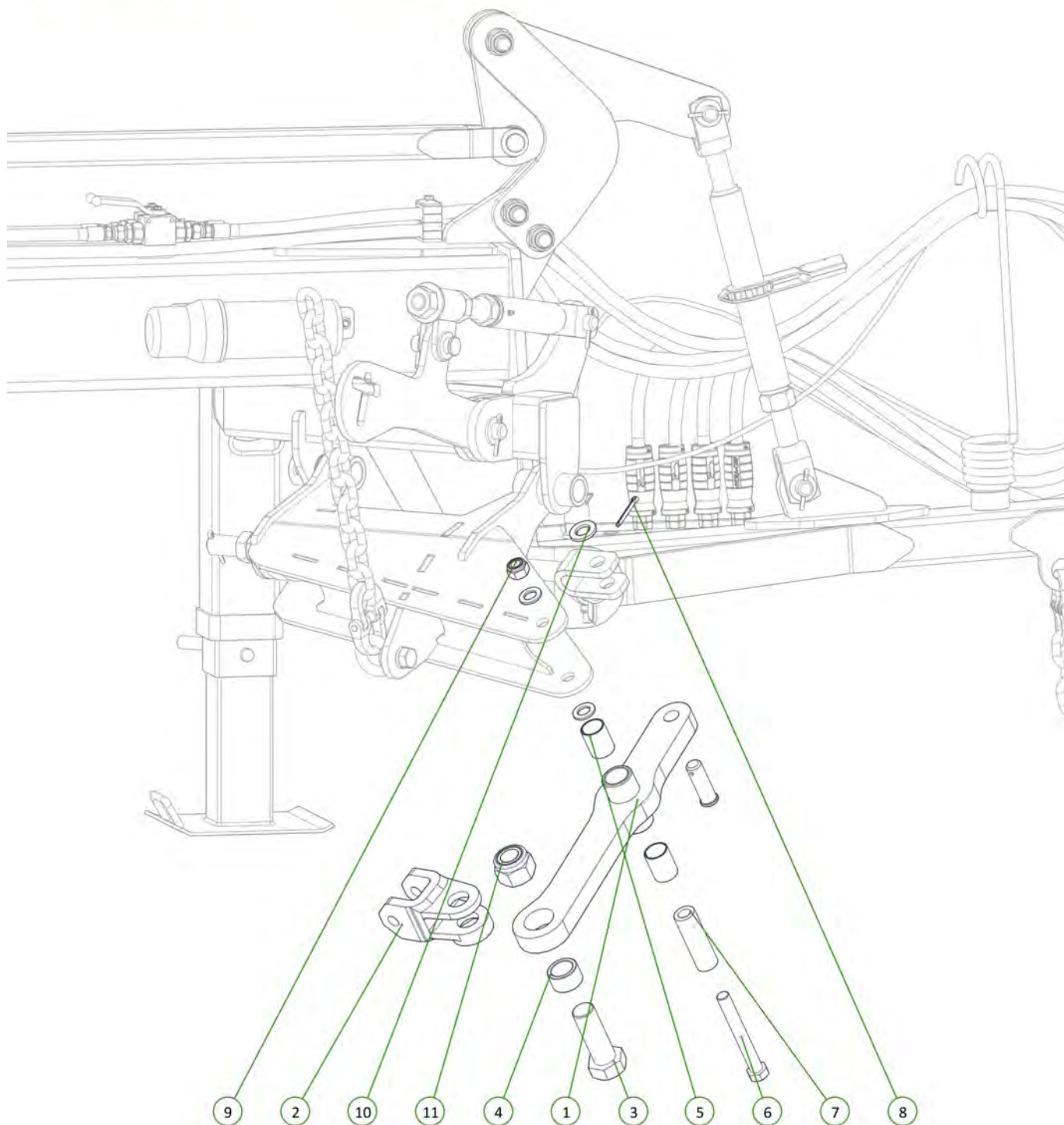
1502-FK-1512-01A



Item No.	Description	Number	Qty
1	Chain Tension Arm	0810-104-3.5	1
2	Forged Clevis 21mm Bolt Hole	0801-FC21	1
3	M36 Grade 8.8 ZP Bolt	0211-36105	1
4	Wear Bush	1501-365033-SS	1
5	35 ID x 50mm DU Bush	0113-MB3550DU	2
6	M20 x 160 Class 8.8 ZP Bolt	0211-20160	1
7	Module Pivot Arm Bush	0801-10-110	1
8	Cotter Pin M6 x 50mm	0261-PINC650	1
9	Nyloc Nut M20	0221-NYL20	1
10	Washer Flat M2	0231-F24	2
11	Nyloc Nut M36	0221-NYL36	1



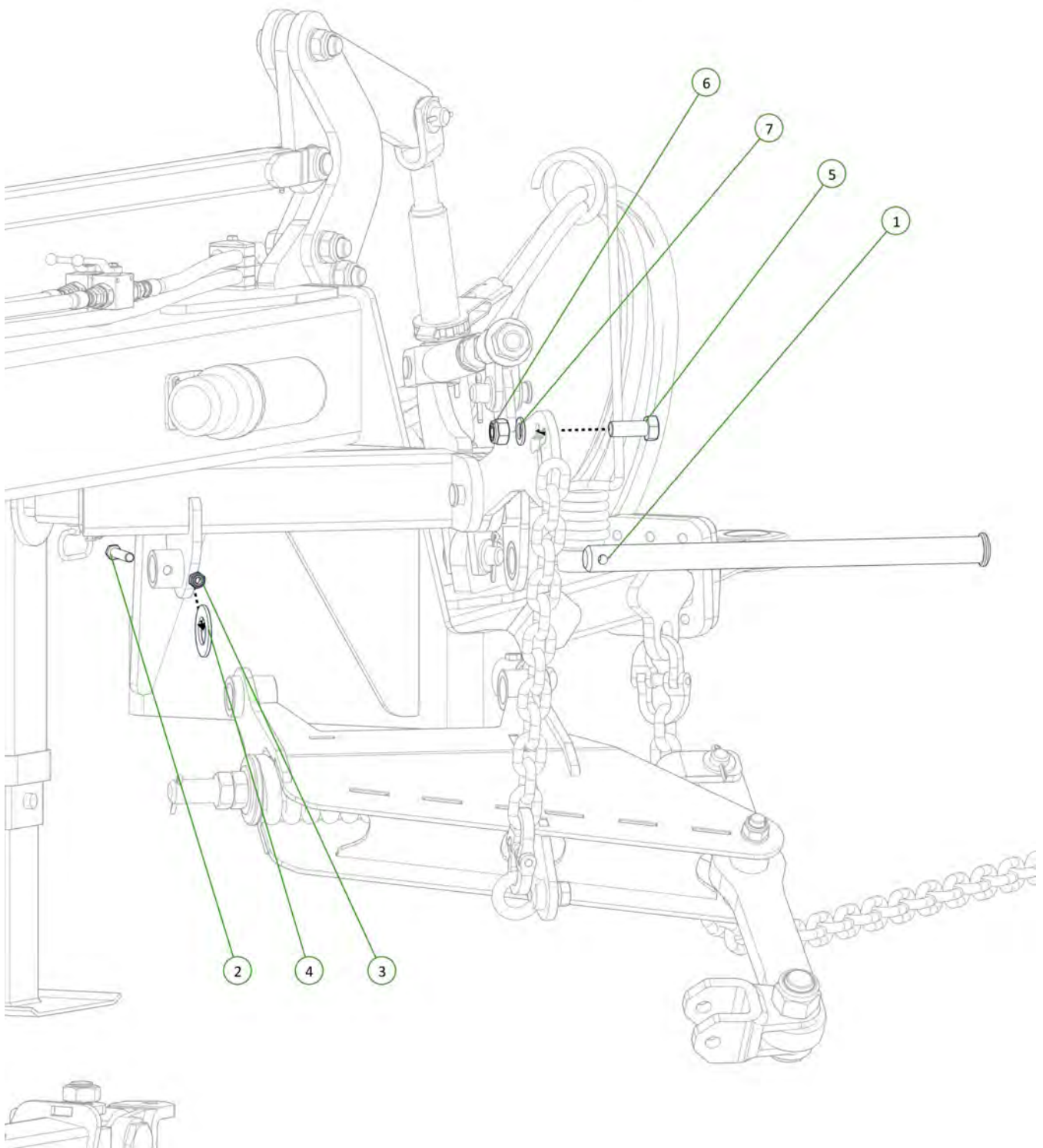
1502-FK-1512-01A



Item No.	Description	Number	Qty
1	Chain Mount Pivot Pin	0801-10-51	1
2	M12 x 80 Class 8.8 ZP Bolt	0211-1280	1
3	Nyloc Nut M12	0221-NYL12	1
4	Washer High Tensile 1 3/8"	0232-HT13-8	1
5	M20 x 50 Class 8.8 ZP Bolt	0211-2050	1
6	Nyloc Nut M20	0221-NYL20	1
7	Washer Flat M20	0231-F20	1

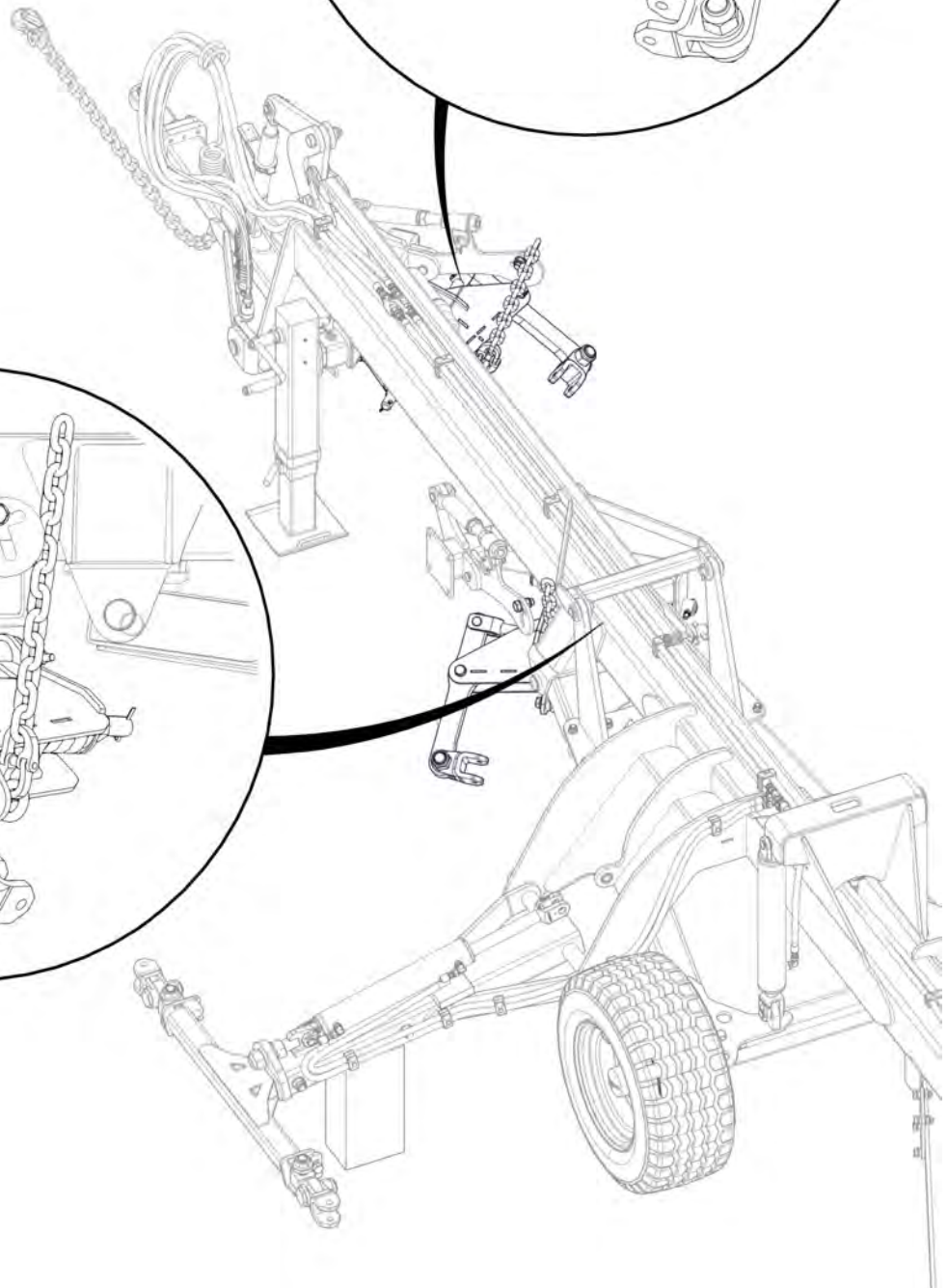
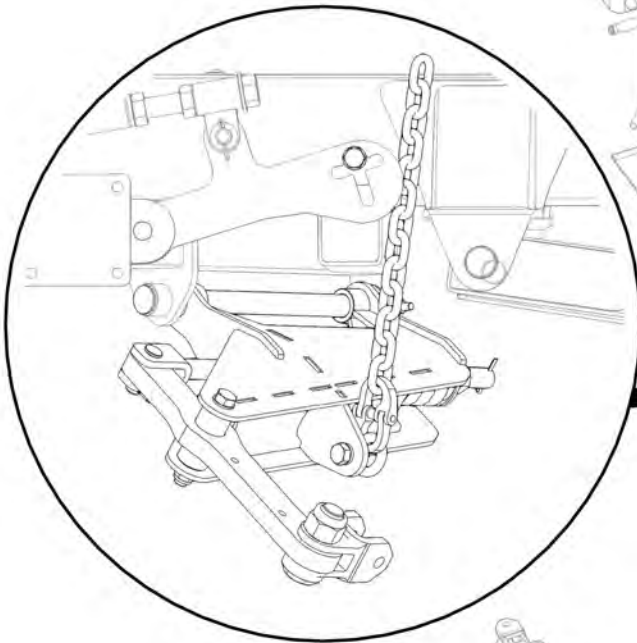
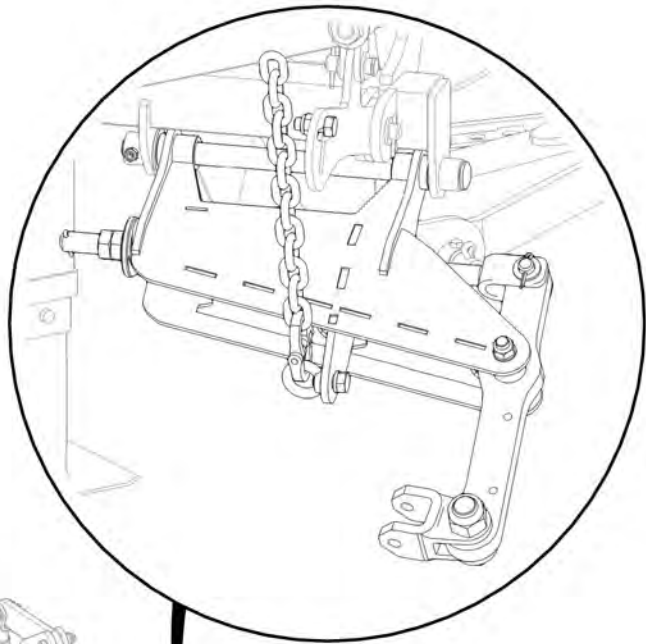


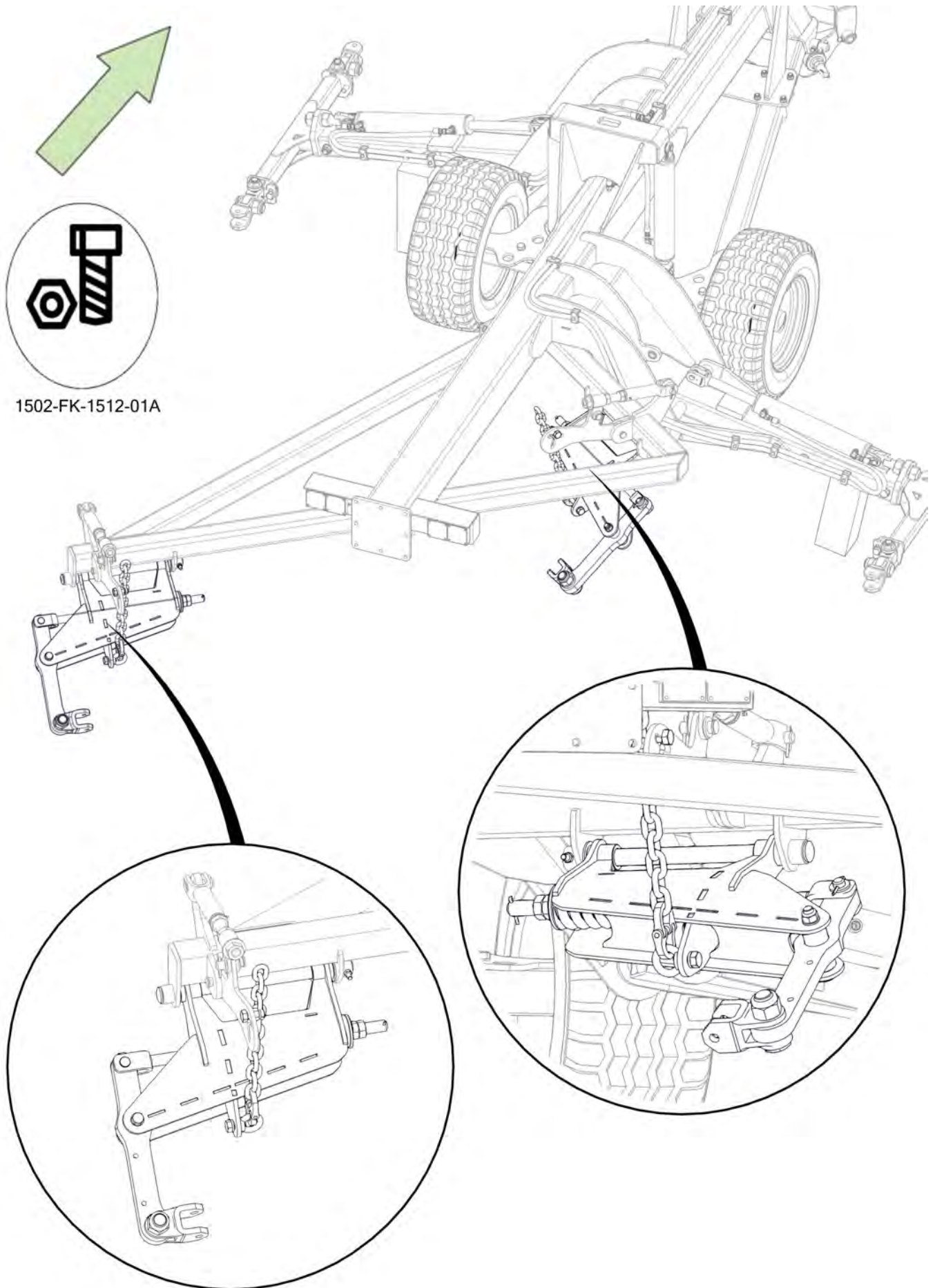
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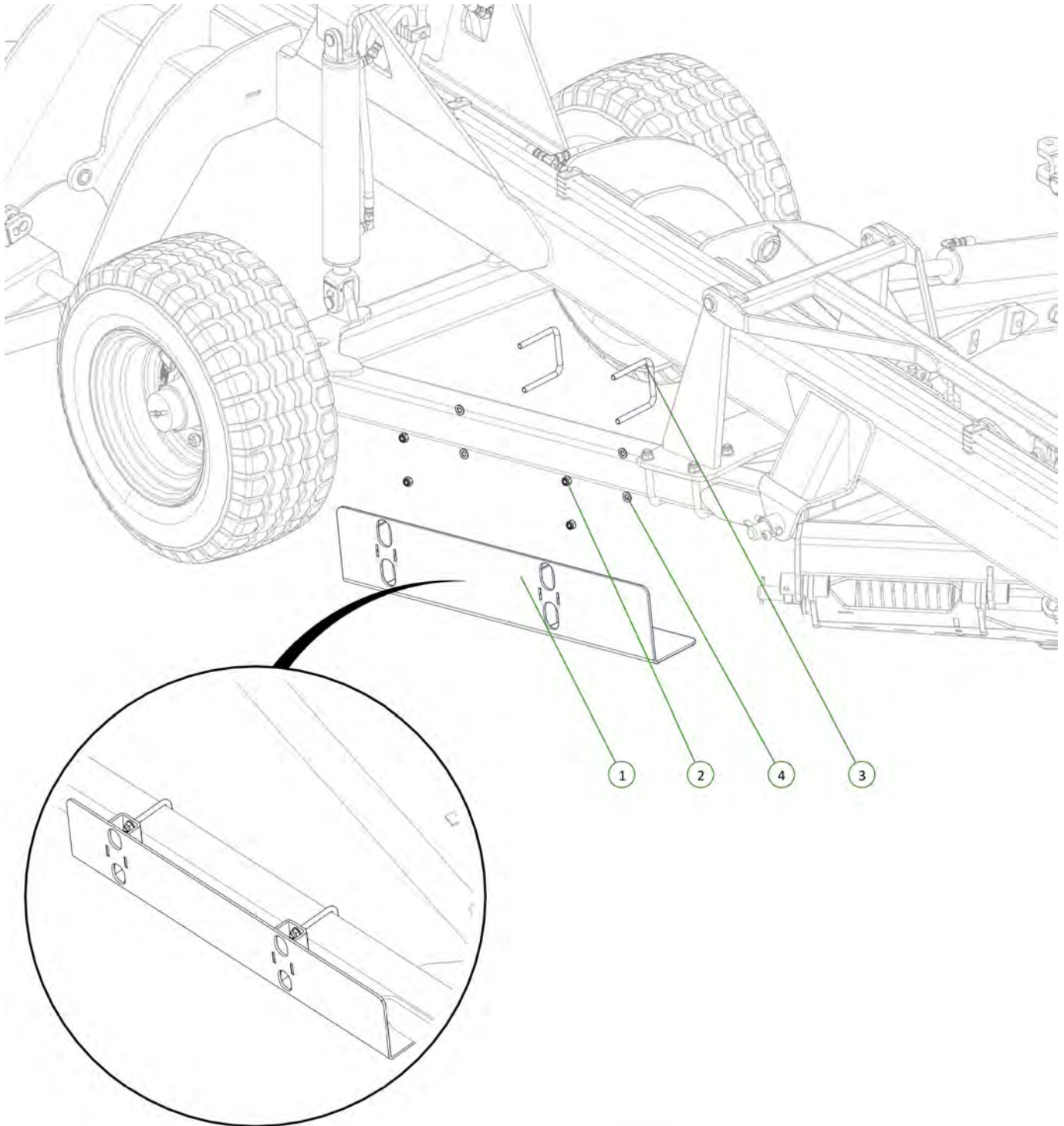




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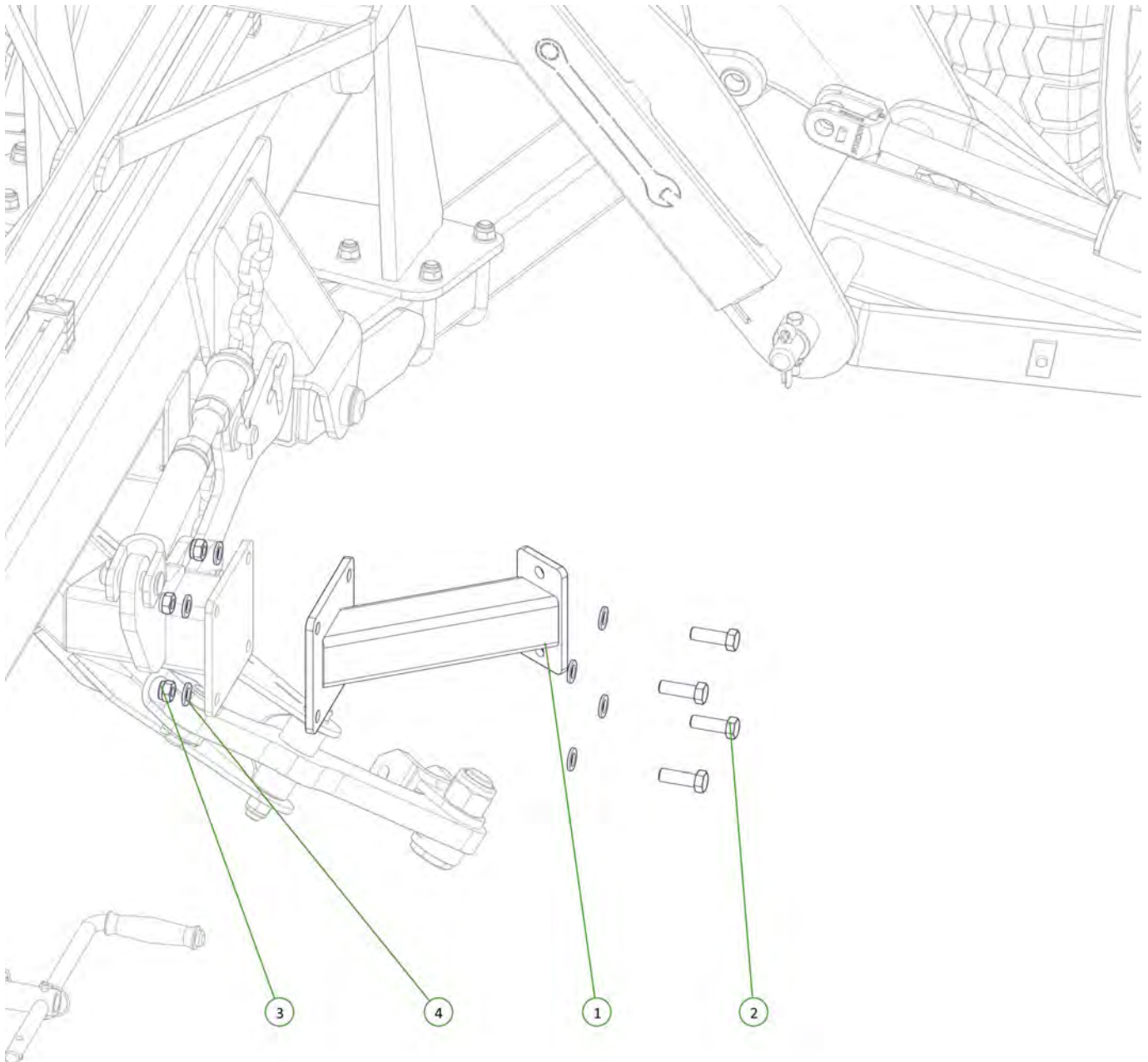




Item No.	Description	Number	Qty
1	Guard	1510-70	1
2	Nyloc Nut M12	0221-NYL12	4
3	U-Bolt M12 x 125 Deep x 102 Wide	0271-12125102	2
4	Washer Flat M12	0231-F12	4



1502-FK-1512-158A

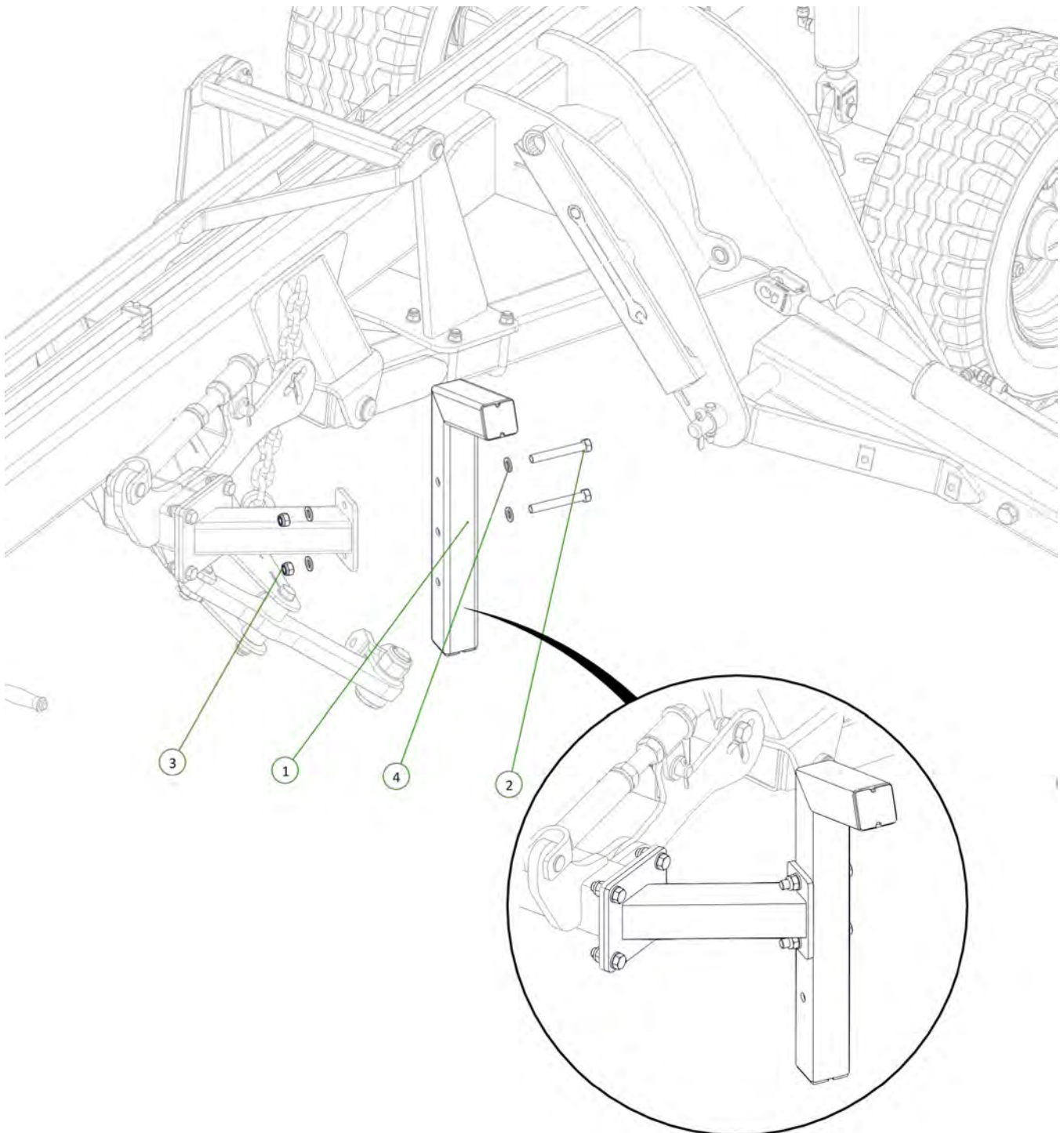


Item No.	Description	Number	Qty
1	Front Outrigger	1510-64	1
2	M16 x 50 Class 8.8 ZP Bolt	0211-1650	4
3	Nyloc Nut M16	0221-NYL16	4
4	Washer Flat M16	0231-F16	8



1502-FK-1512-01A





Item No.	Description	Number	Qty
1	Outrigger	1510-62	1
2	M16 x 120 Class 8.8 ZP Bolt	0211-16120	2
3	Nyloc Nut M16	0221-NYL16	2
4	Washer Flat M16	0231-F16	4



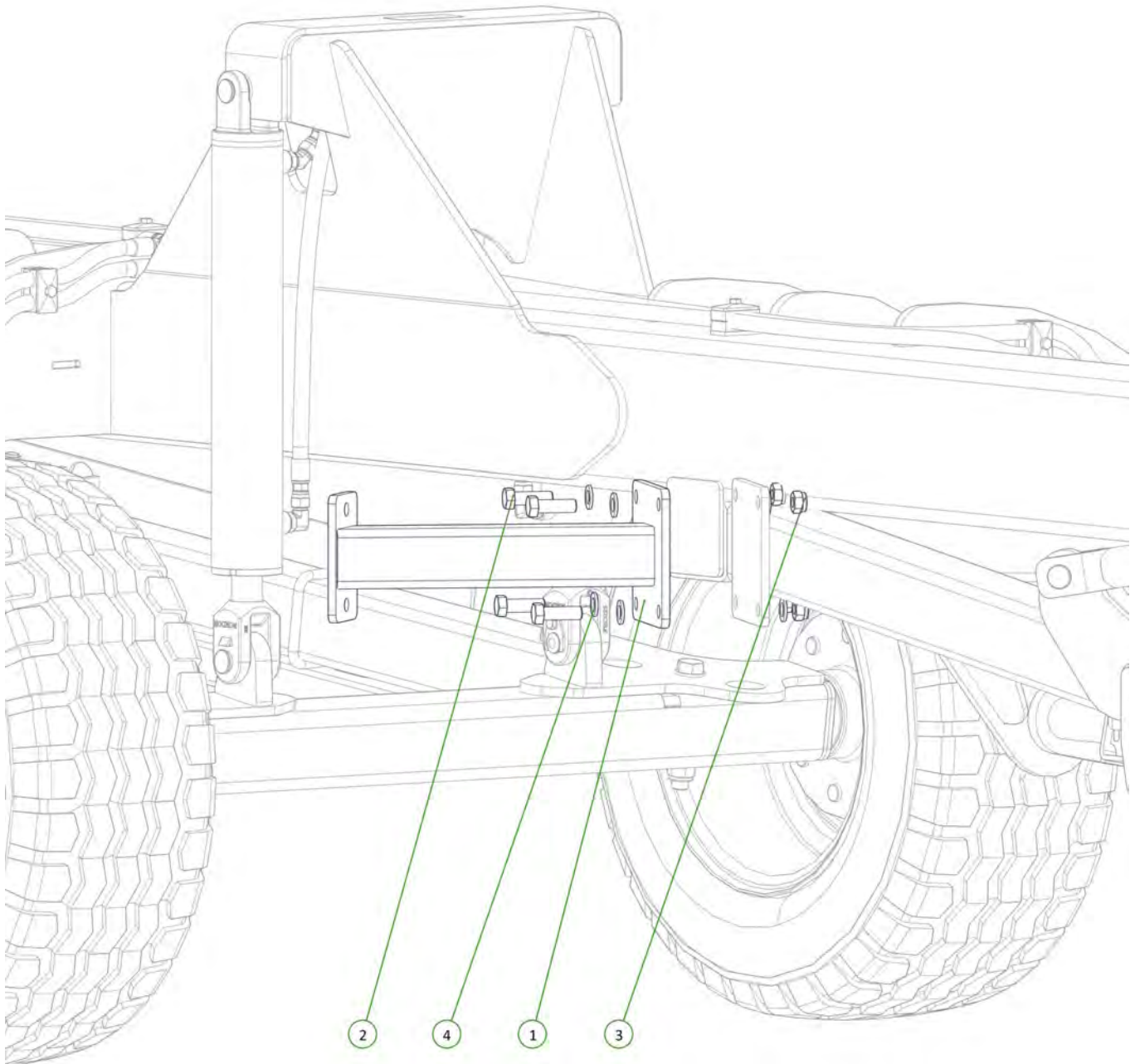
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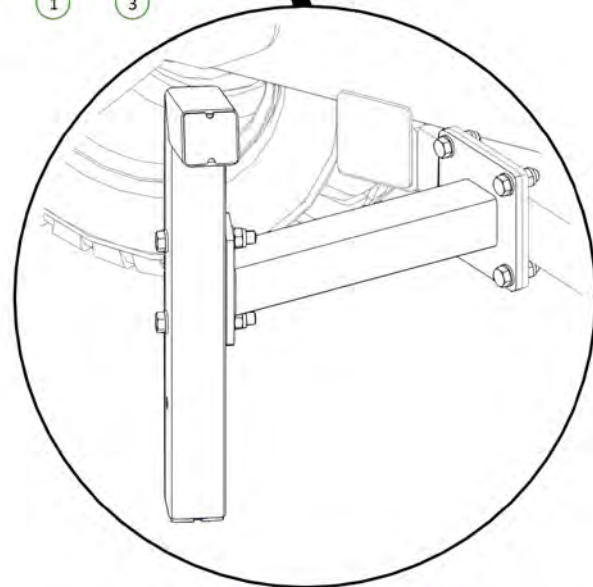
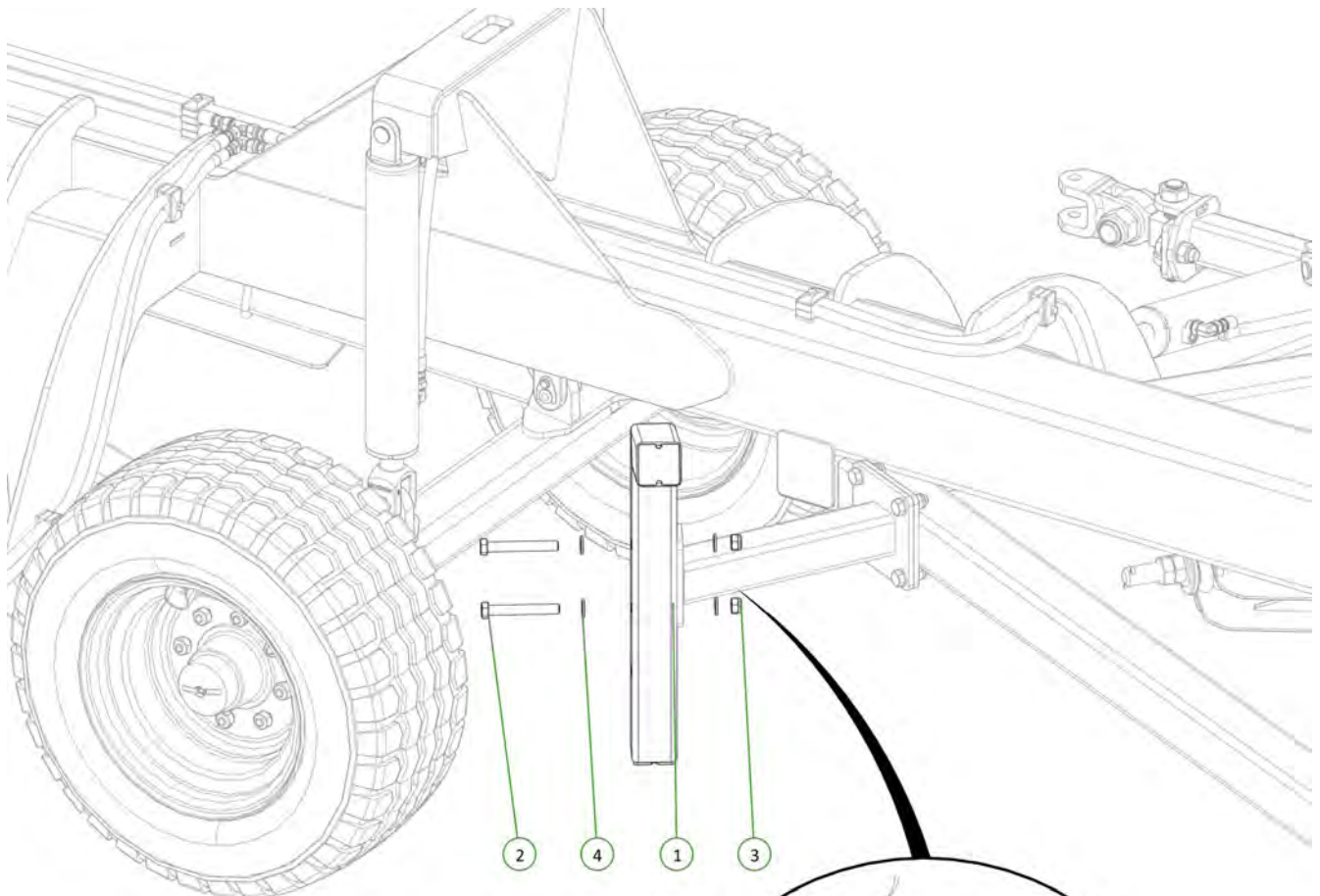


Item No.	Description	Number	Qty
1	Rear Outrigger	1510-63	1
2	M16 x 50 Class 8.8 ZP Bolt	0211-1650	4
3	Nyloc Nut M16	0221-NYL16	4
4	Washer Flat M16	0231-F16	8



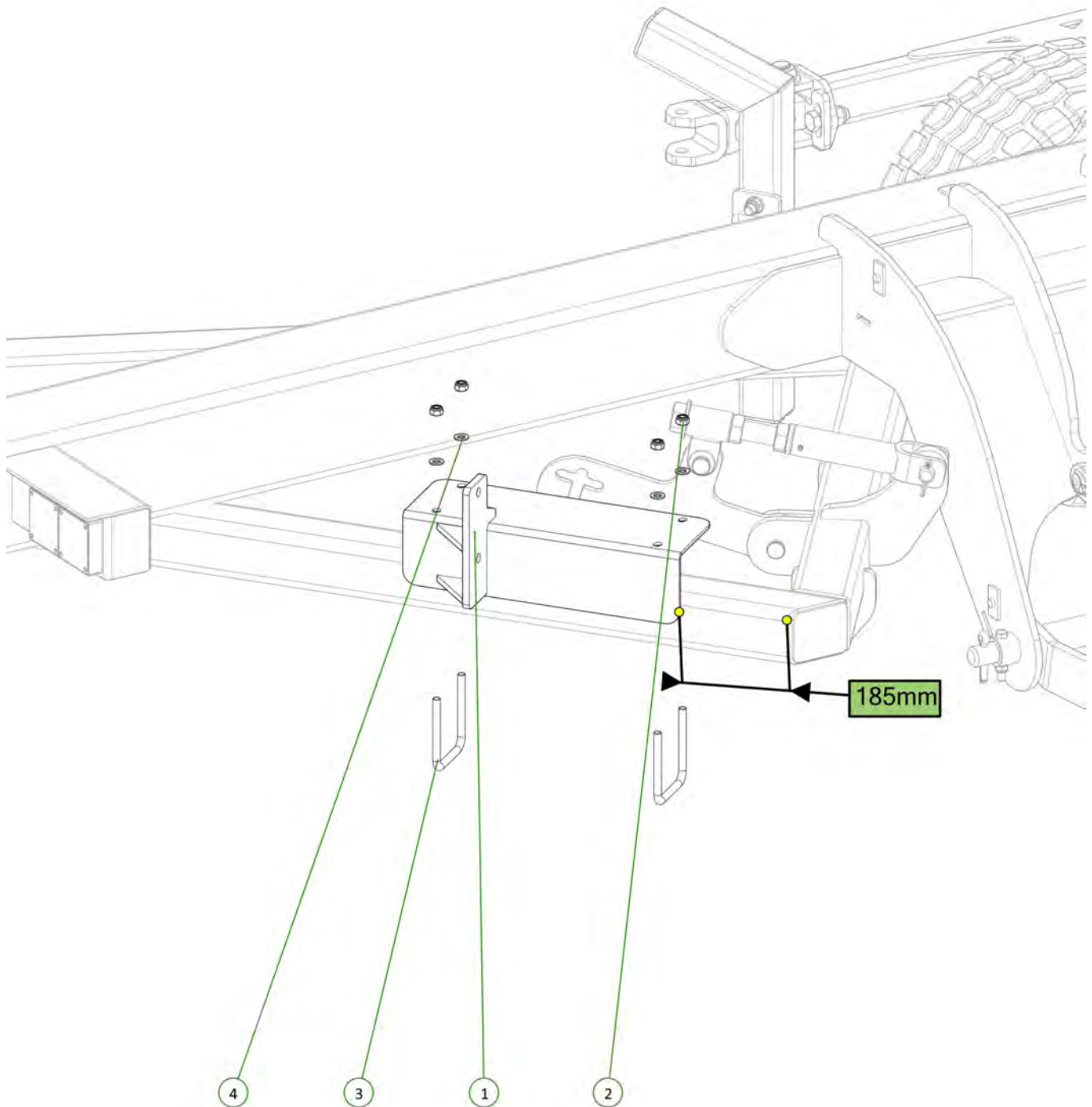
1502-FK-1512-01A





1502-FK-1512-01A

Item No.	Description	Number	Qty
1	Outrigger	1510-62	1
2	M16 x 120 Class 8.8 ZP Bolt	0211-16120	2
3	Nyloc Nut M16	0221-NYL16	2
4	Washer Flat M16	0231-F16	4

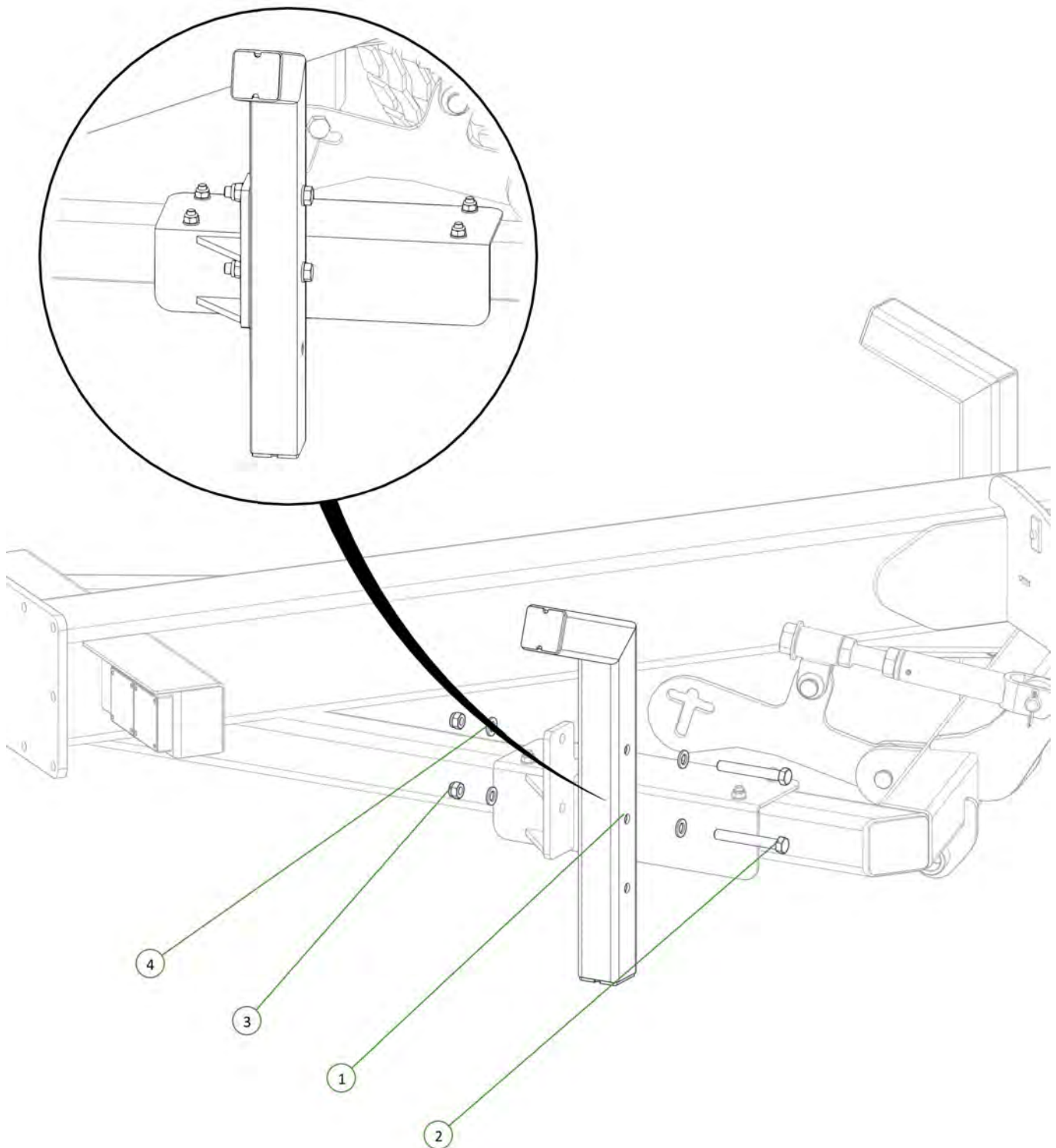


Item No.	Description	Number	Qty
1	Guard	1510-65	1
2	Nyloc Nut M12	0221-NYL12	4
3	U-Bolt M12 x 125 Deep x 102 Wide	0271-12125102	2
4	Washer Flat M12	0231-F12	4



1502-FK-1512-01A



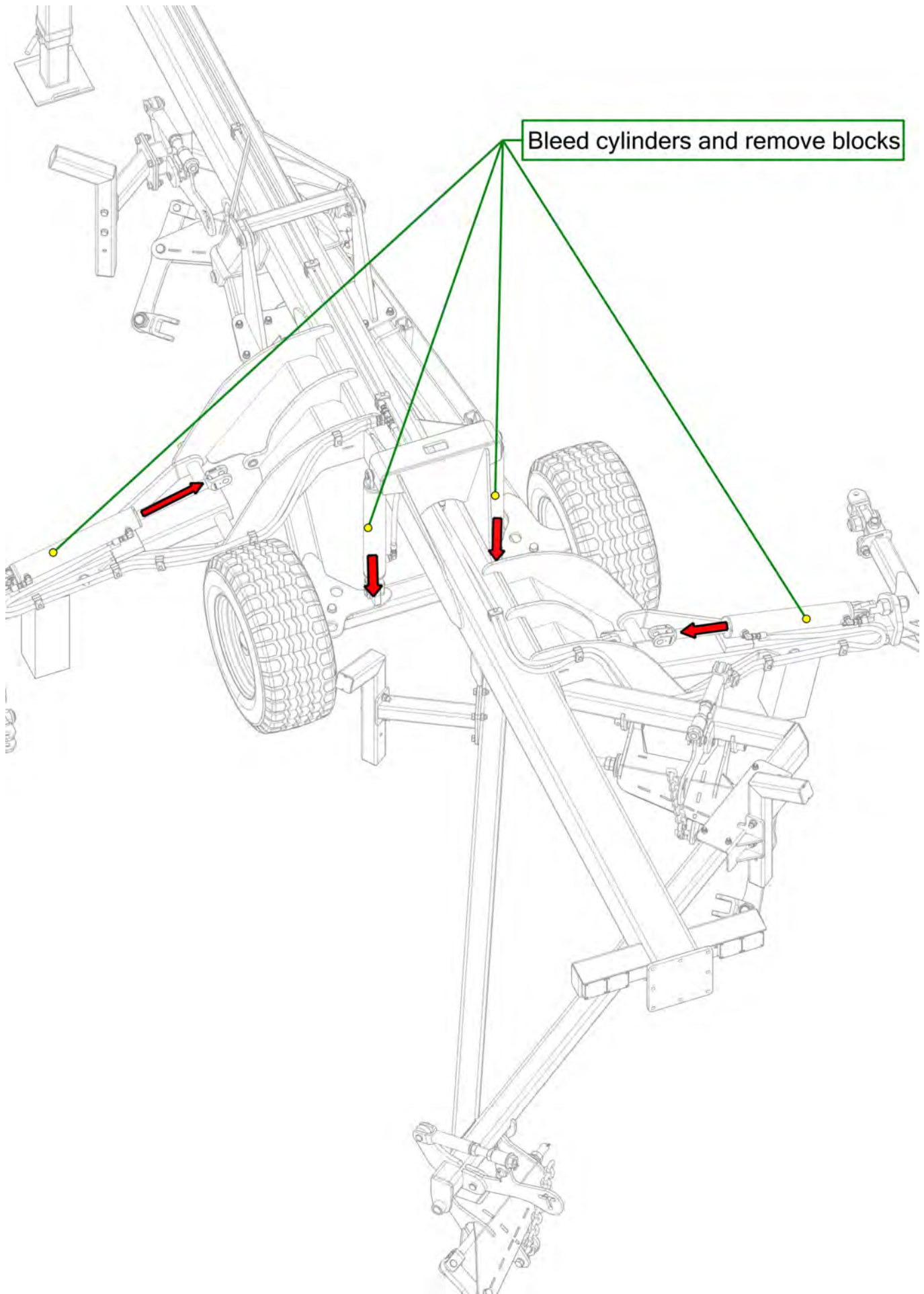


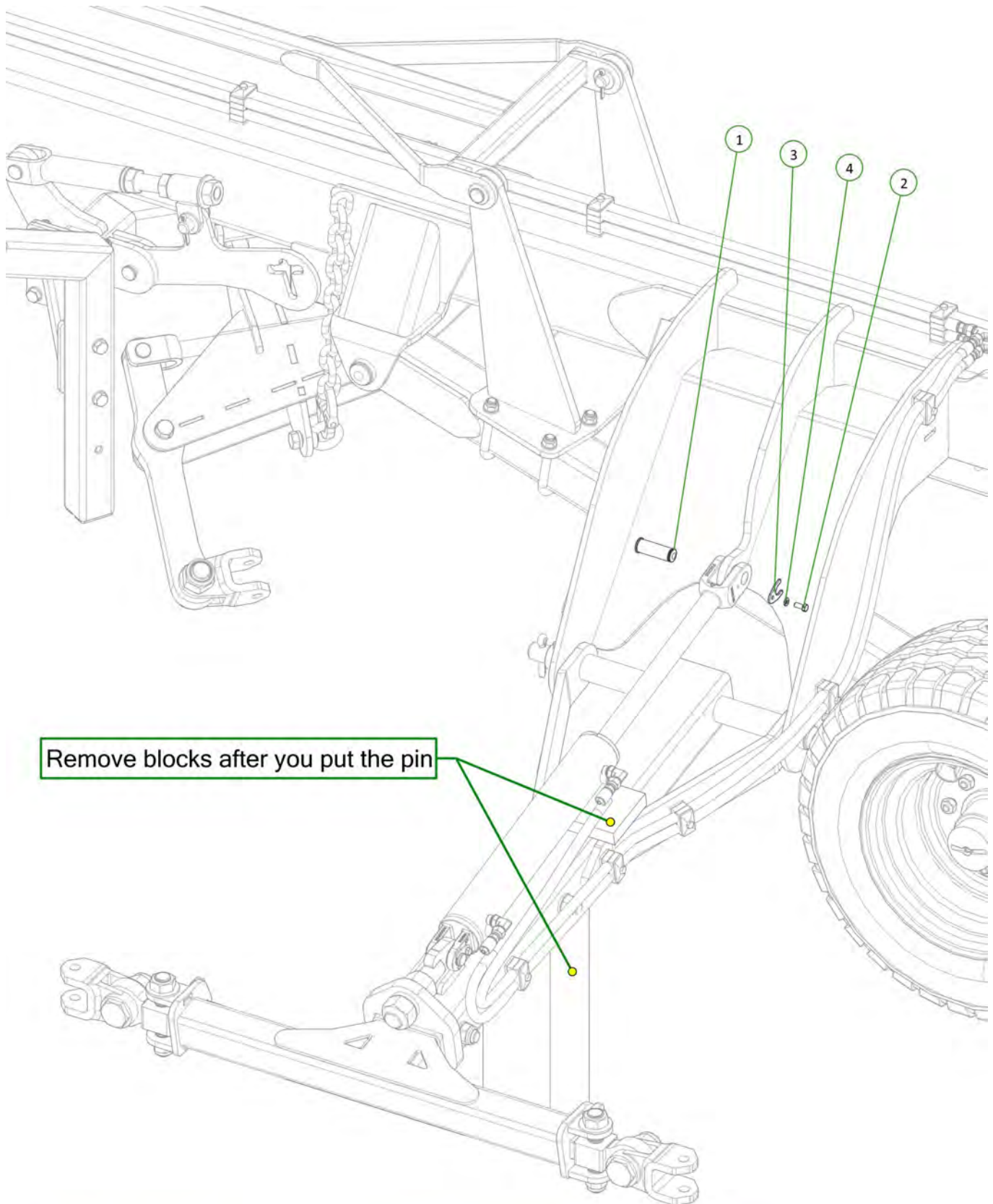
Item No.	Description	Number	Qty
1	Outrigger	1510-62	1
2	M16 x 120 Class 8.8 ZP Bolt	0211-16120	2
3	Nyloc Nut M16	0221-NYL16	2
4	Washer Flat M16	0231-F16	4



1502-FK-1512-01A

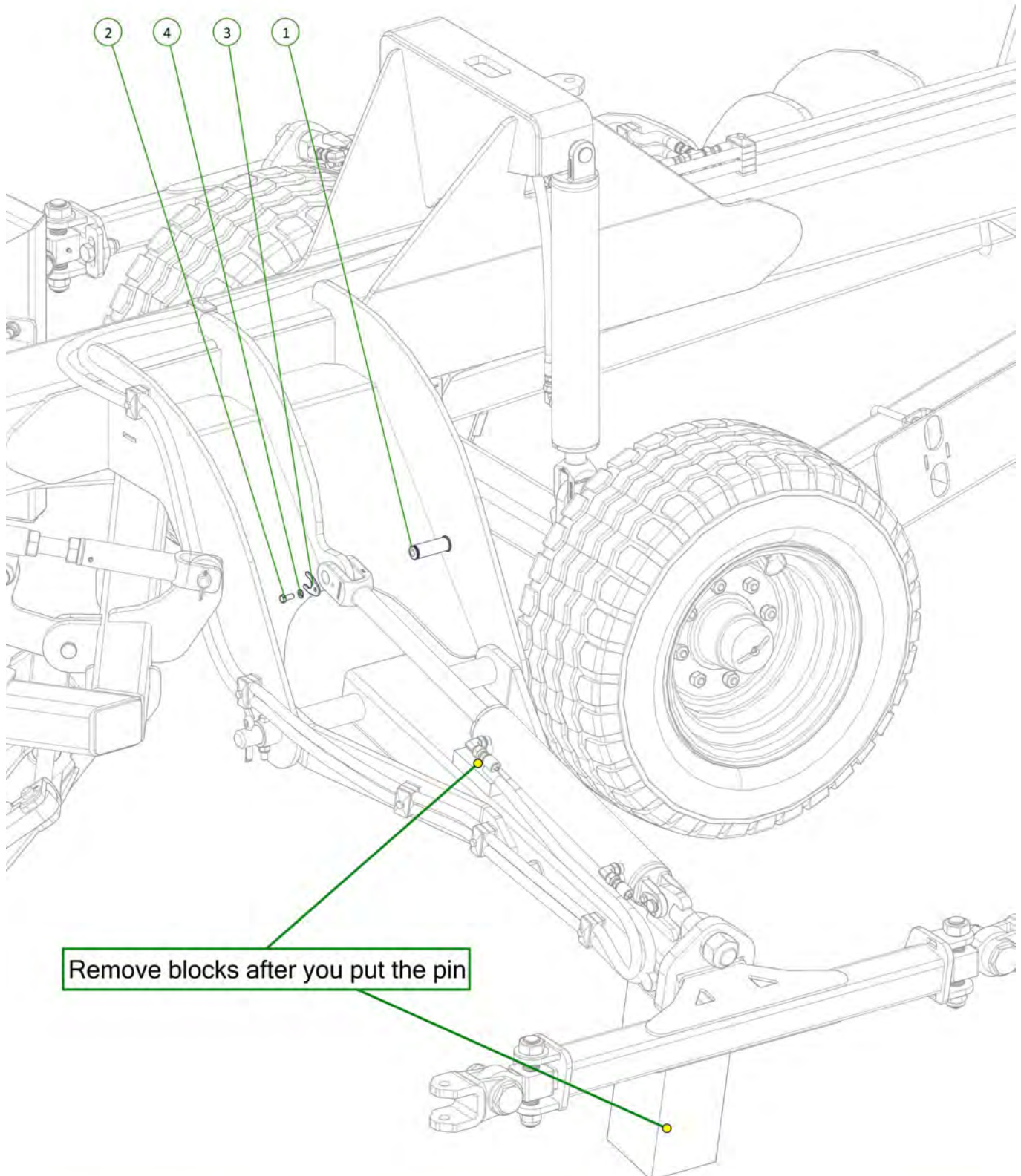






Item No.	Description	Number	Qty
1	Hydraulic Cylinder Pin 1" x 68mm	0313-NCP1X68DS	1
2	M8 x 20 Class 8.8 ZP Bolt	0211-820	1
3	Retaining Lug	0313-10I23M3	1
4	Washer Spring M8	0231-S8	1





Item No.	Description	Number	Qty
1	Hydraulic Cylinder Pin 1" x 68mm	0313-NCP1X68DS	1
2	M8 x 20 Class 8.8 ZP Bolt	0211-820	1
3	Retaining Lug	0313-10I23M3	1
4	Washer Spring M8	0231-S8	1

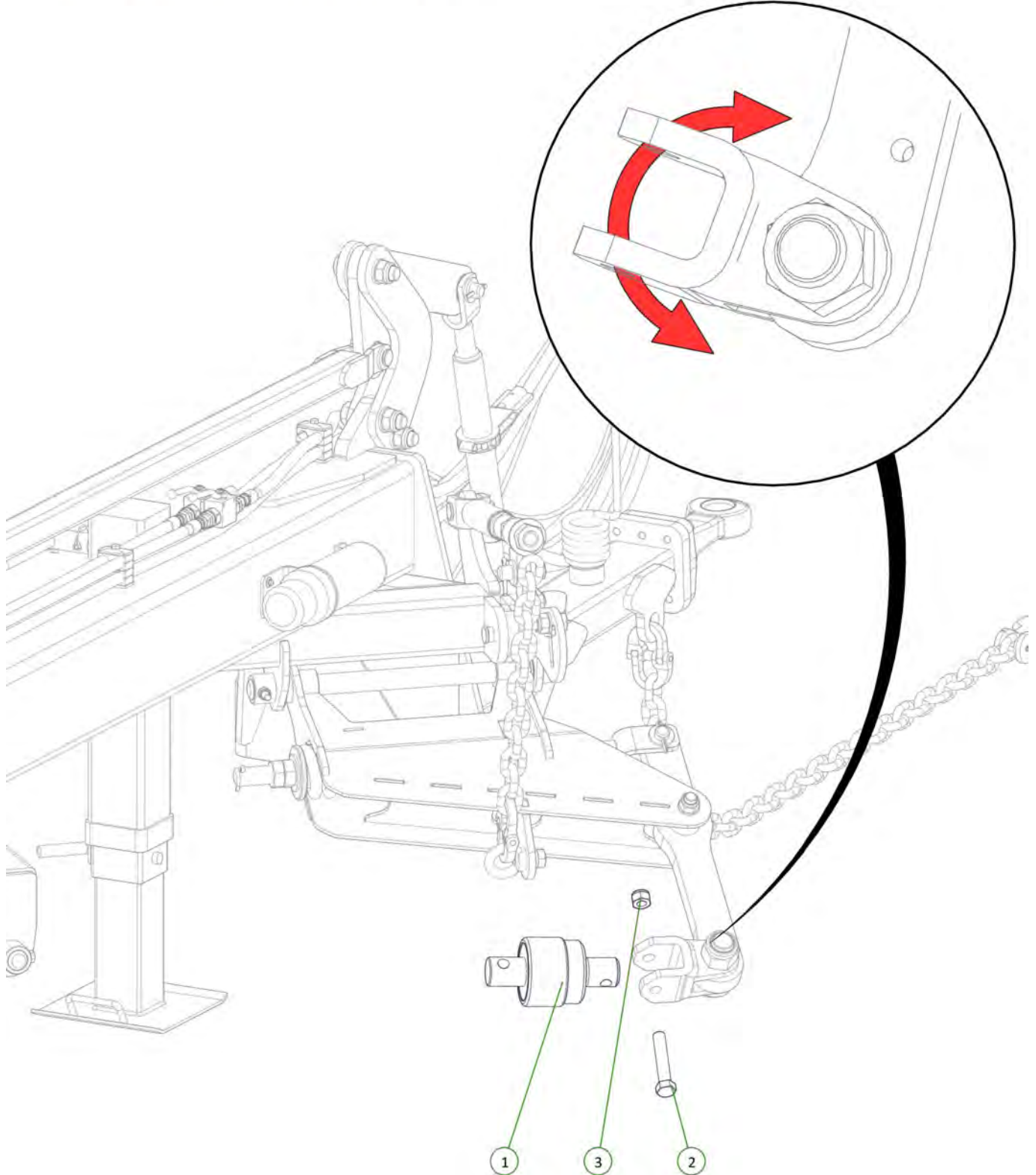


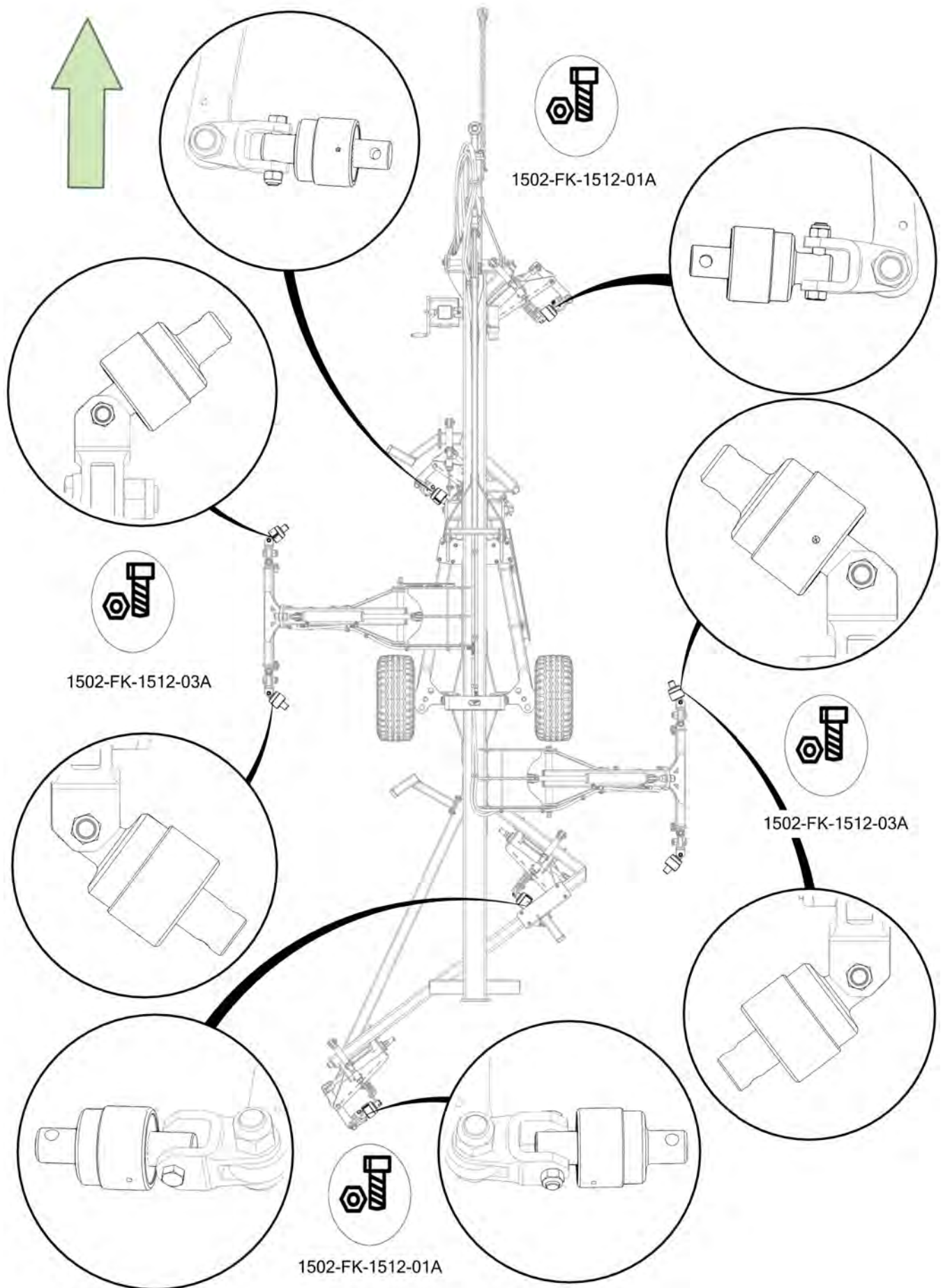
Item No.	Description	Number	Qty
1	20mm Bolt Swivel Unit	0802-PCHB55	1
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST	1
3	Nyloc Nut M20	0221-NYL20	1

Ensure ALL clevis can pivot after installation



1502-FK-1512-01A

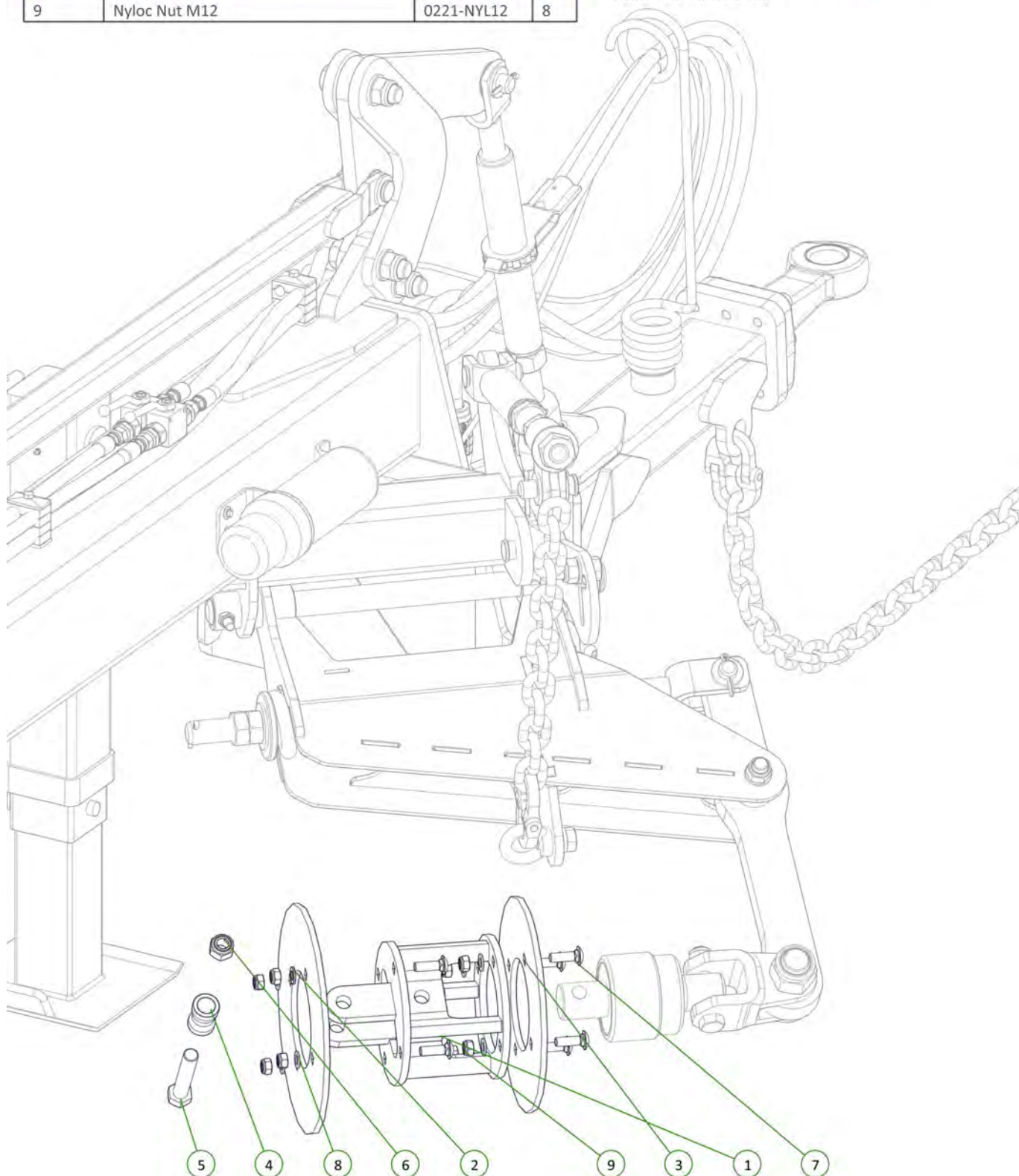




Item No.	Description	Number	Qty
1	Tapered Chain End Hub	0810-45-6	1
2	TCE Blade Large	0800-767	1
3	TCE Blade Small	0800-766	1
4	Disc Chain Spacer	0801-253755	1
5	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST	1
6	Nyloc Nut M20	0221-NYL20	1
7	M12 x 40 Coach Head Bolt	0215-CH1240	8
8	Washer Flat M12	0231-F12	8
9	Nyloc Nut M12	0221-NYL12	8



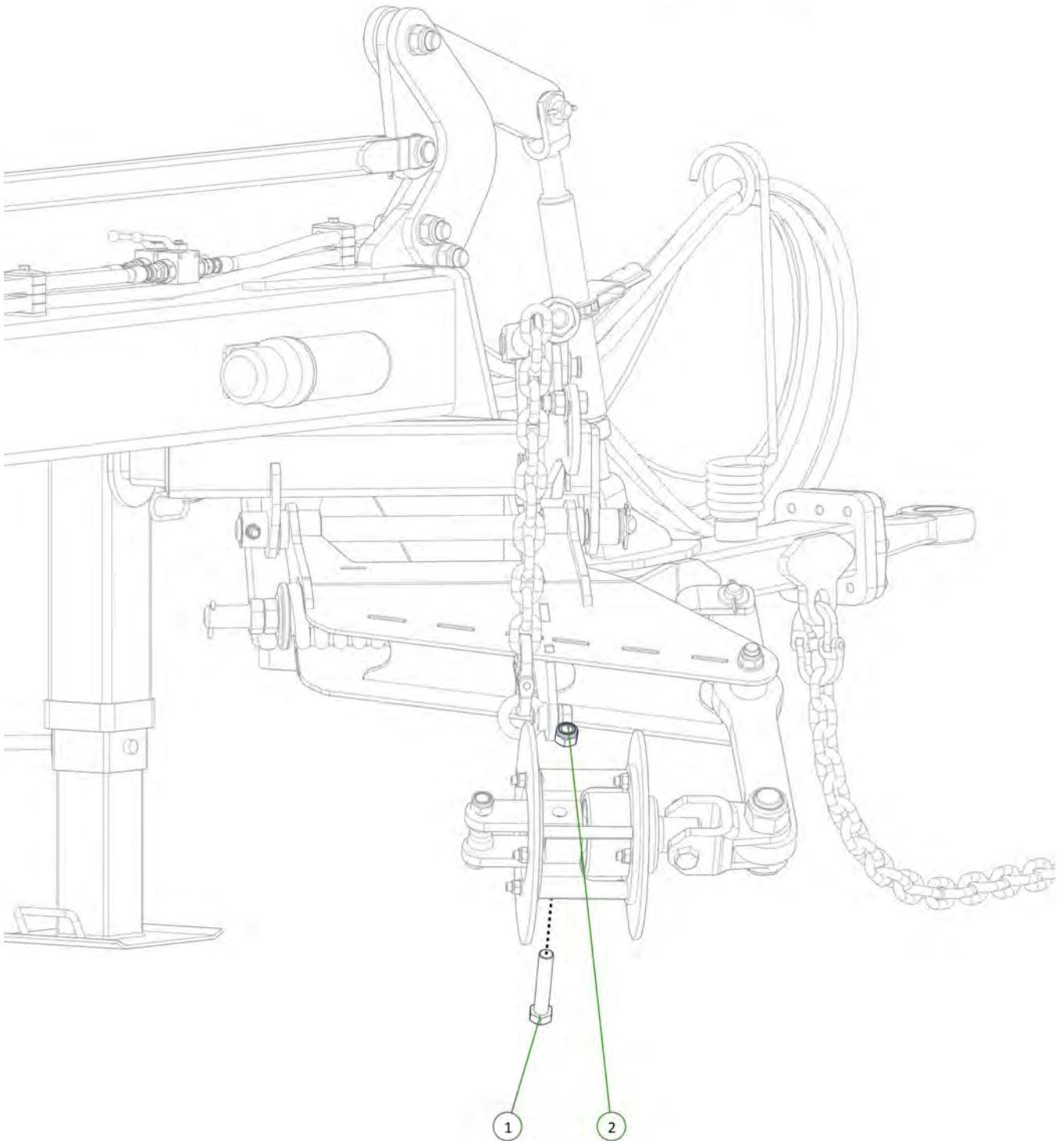
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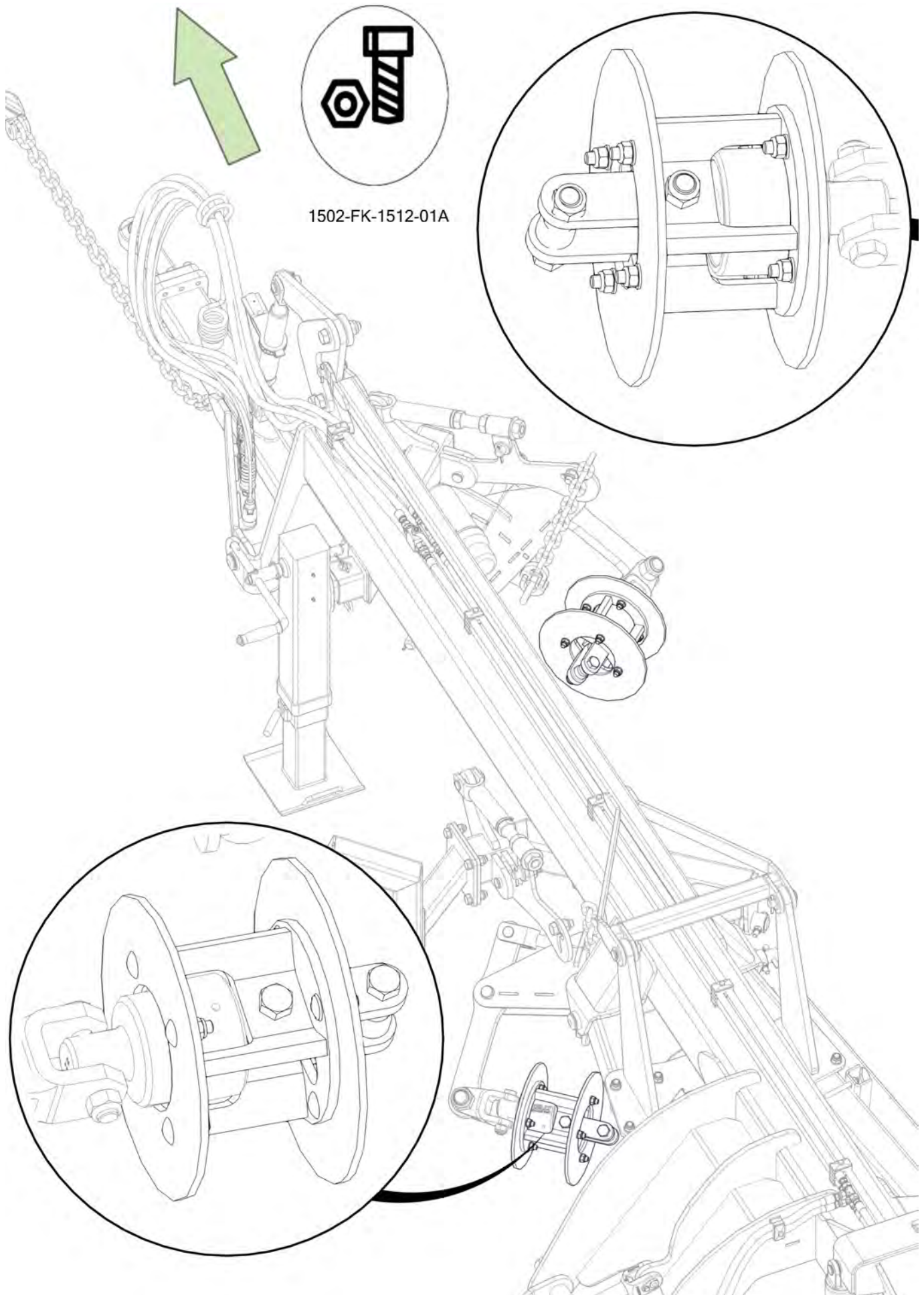


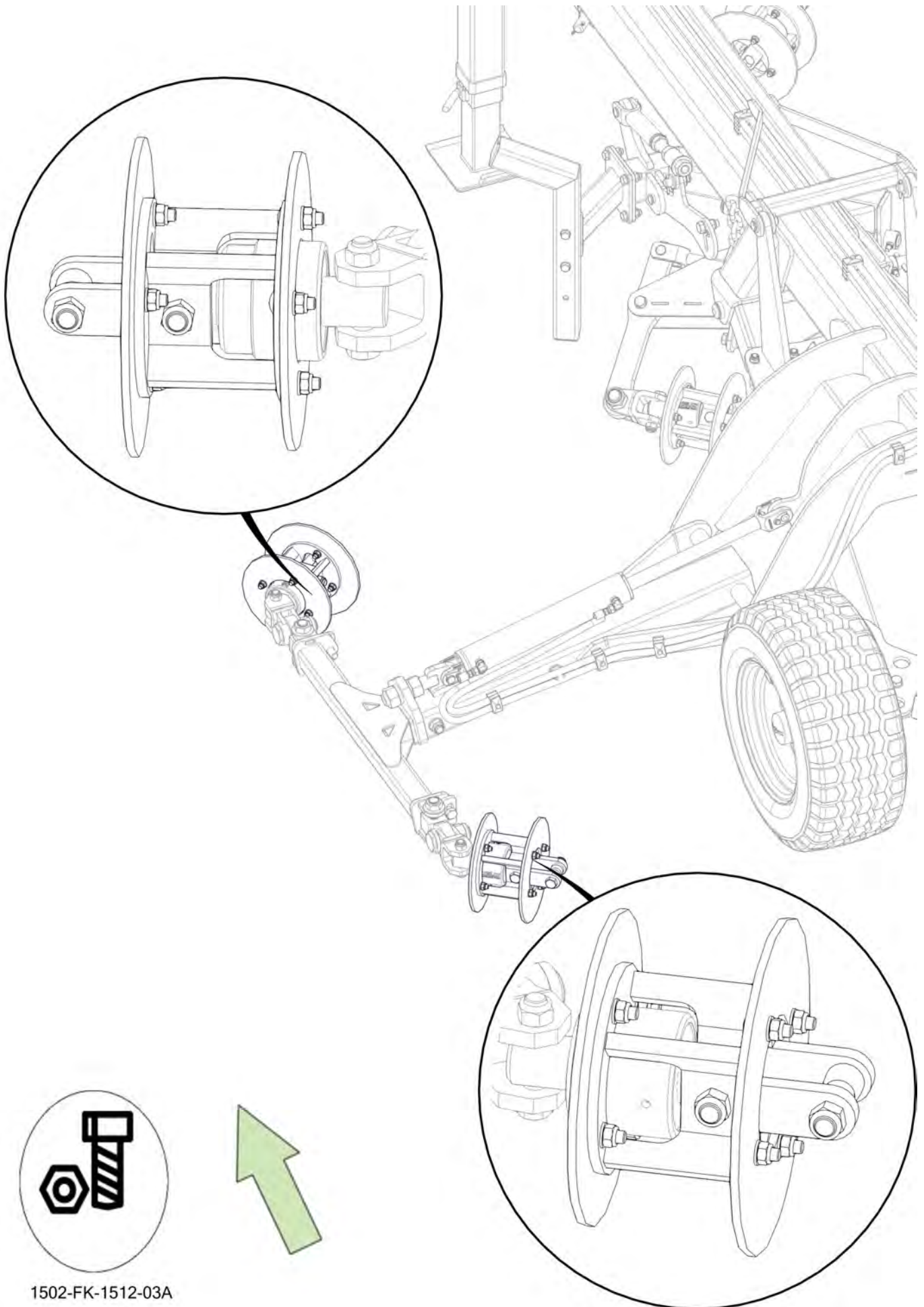
Item No.	Description	Number	Qty
1	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST	1
2	Nyloc Nut M20	0221-NYL20	1

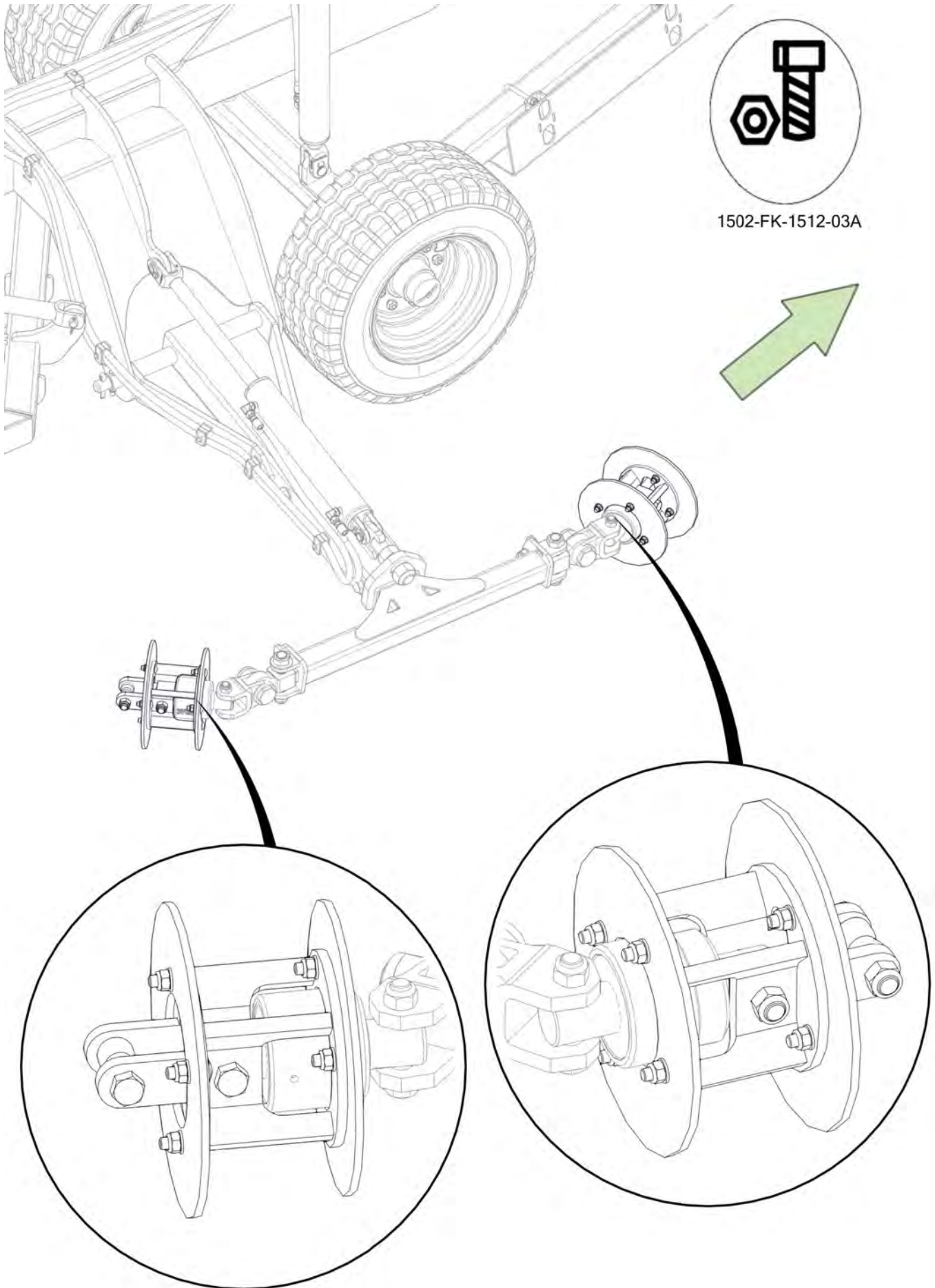


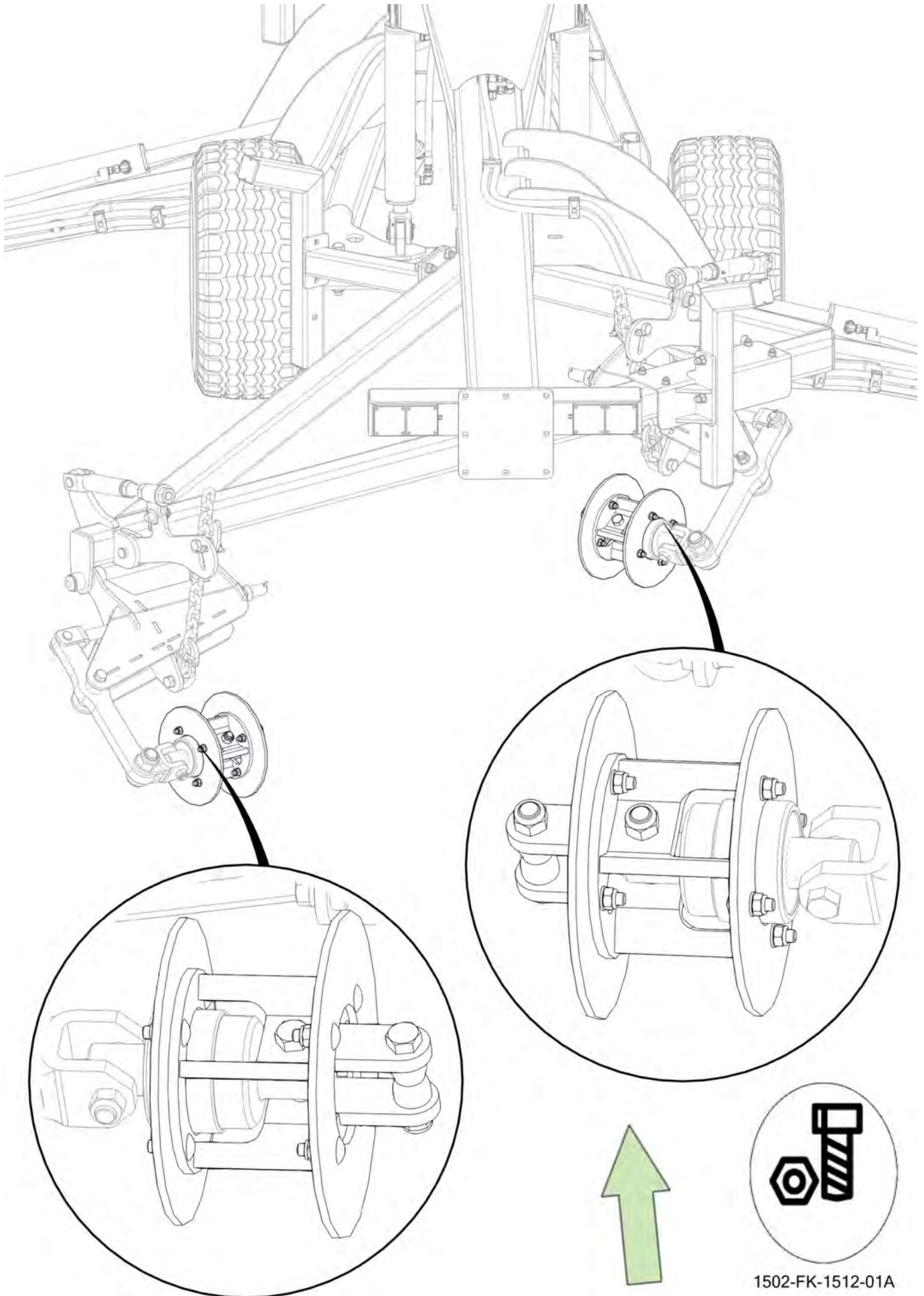
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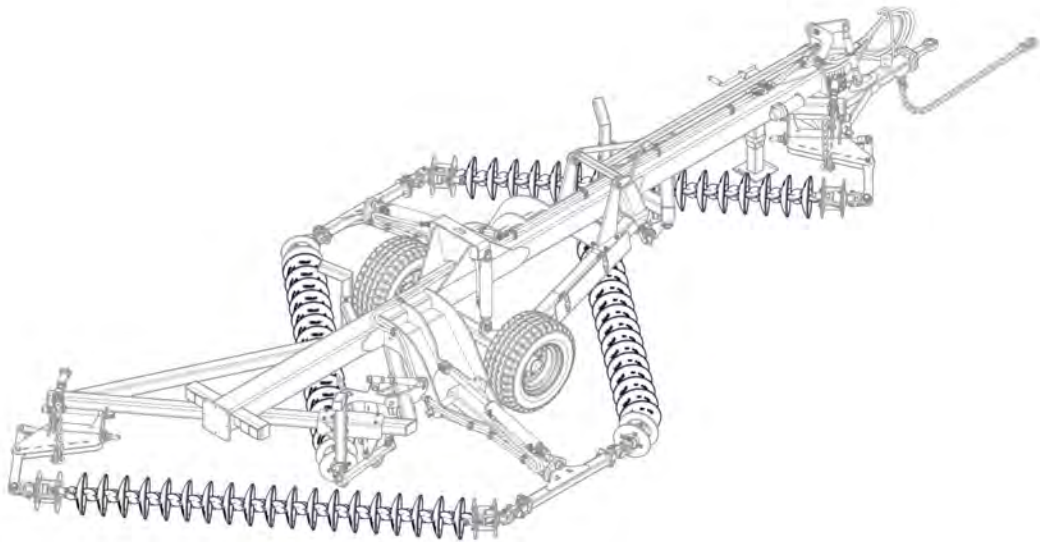








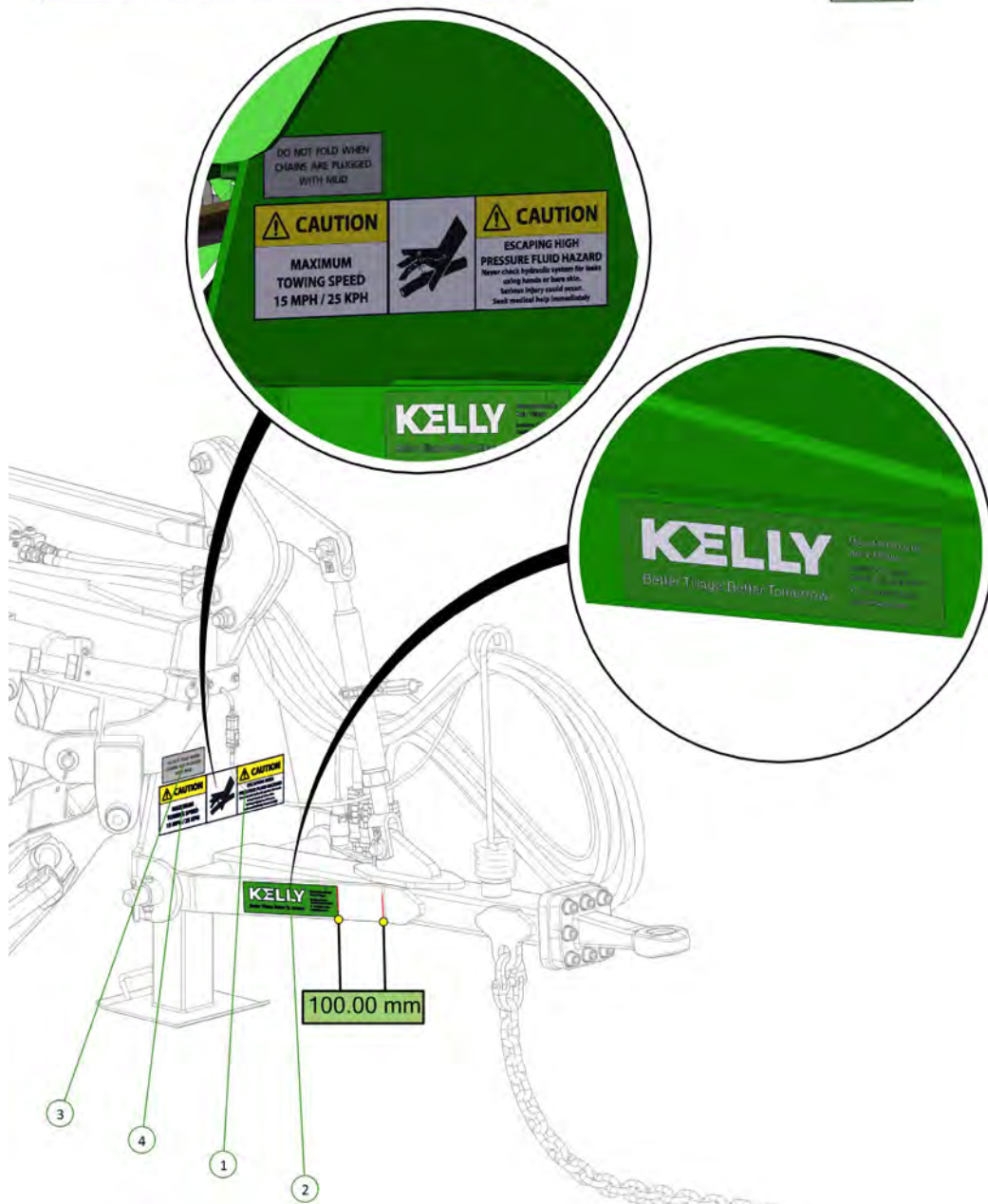




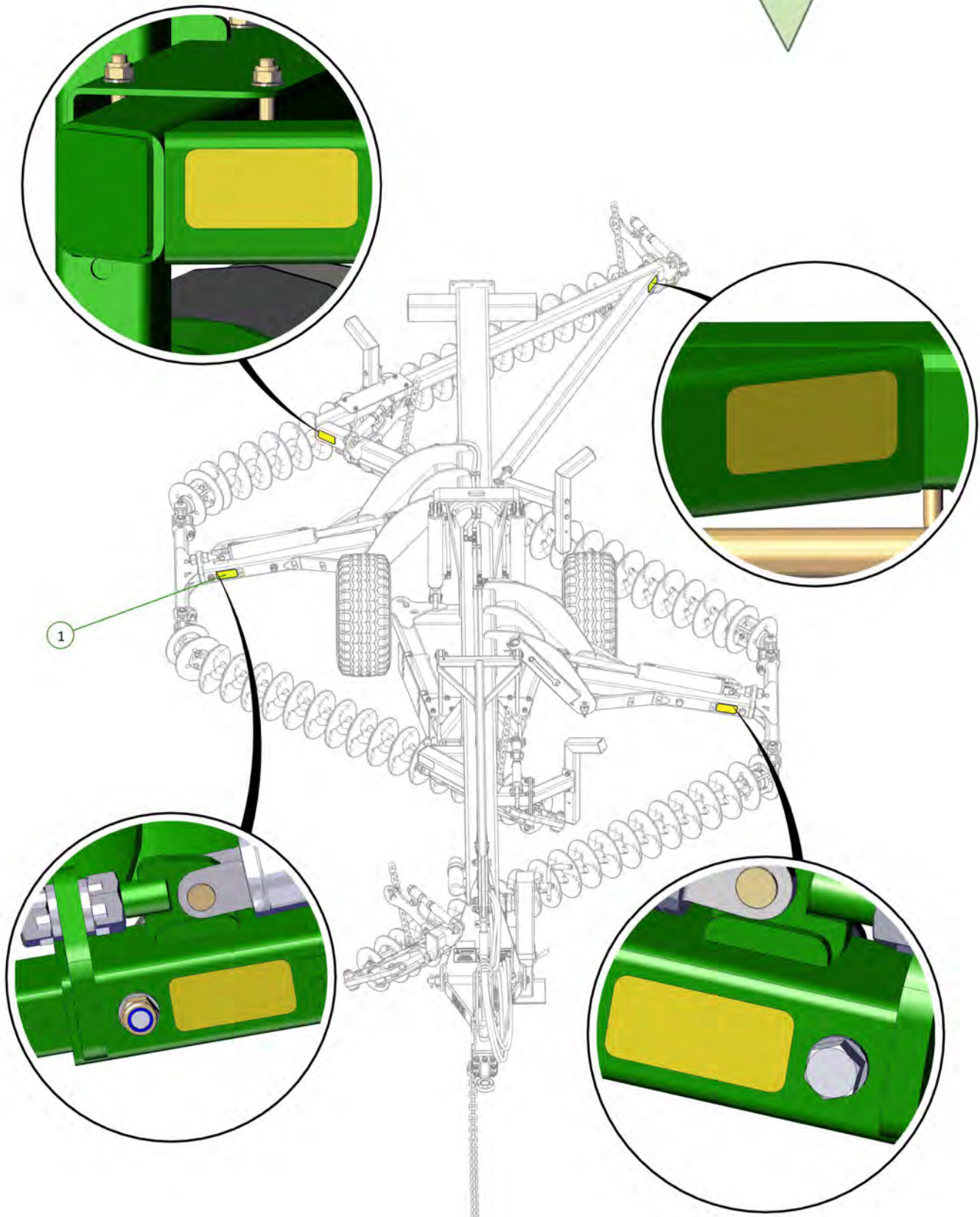
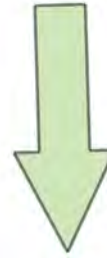


Section 4 - Decal Application

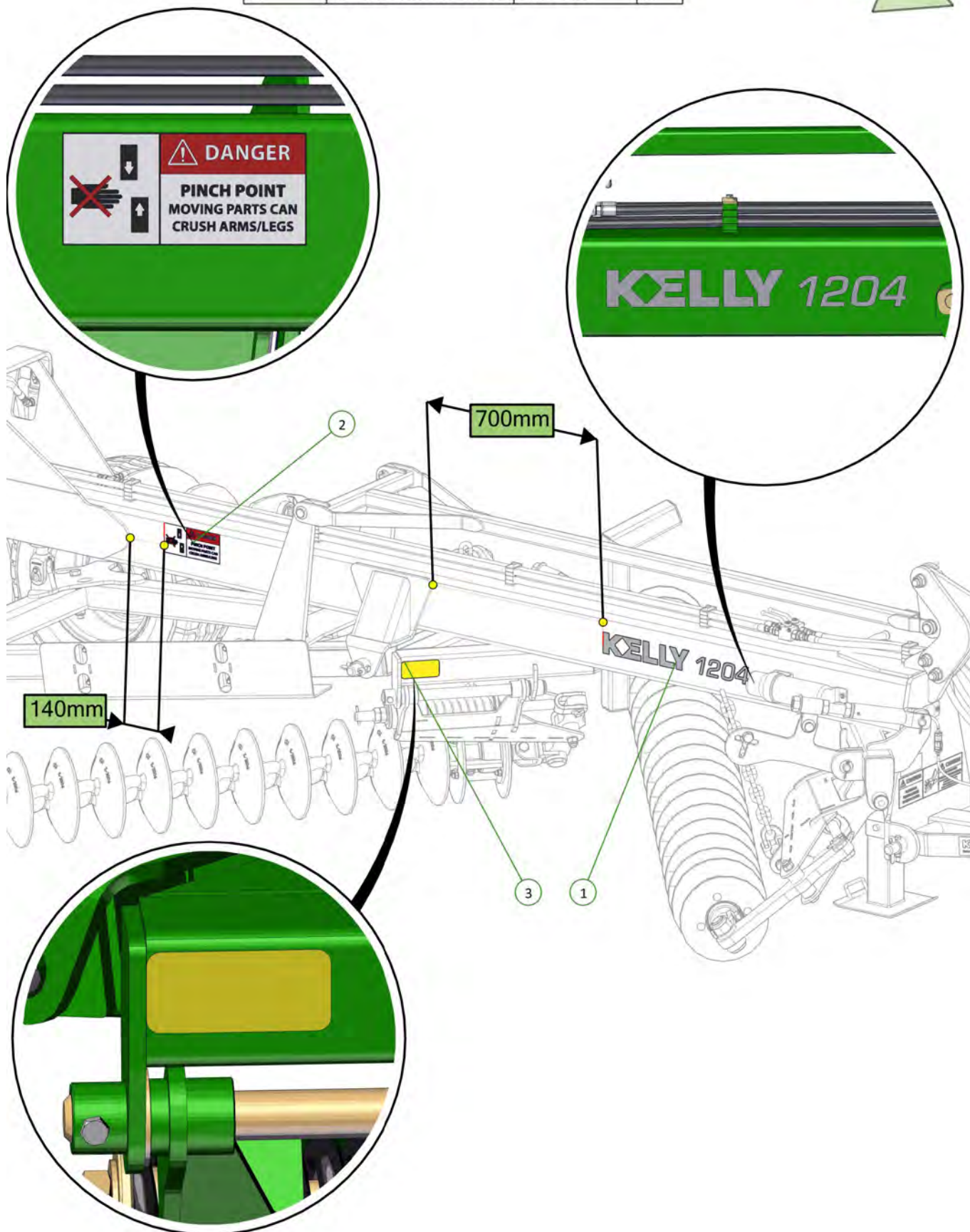
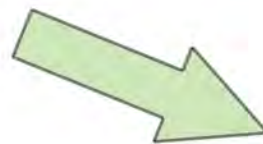
Item No.	Description	Number	Qty
1	Hydraulic Pressure Caution Decal	0801-S4	1
2	Kelly Tillage Decal	0801-S24	1
3	Mud Folding Warning Decal	0801-S22	1
4	Towing Speed Decal	0801-S5	1



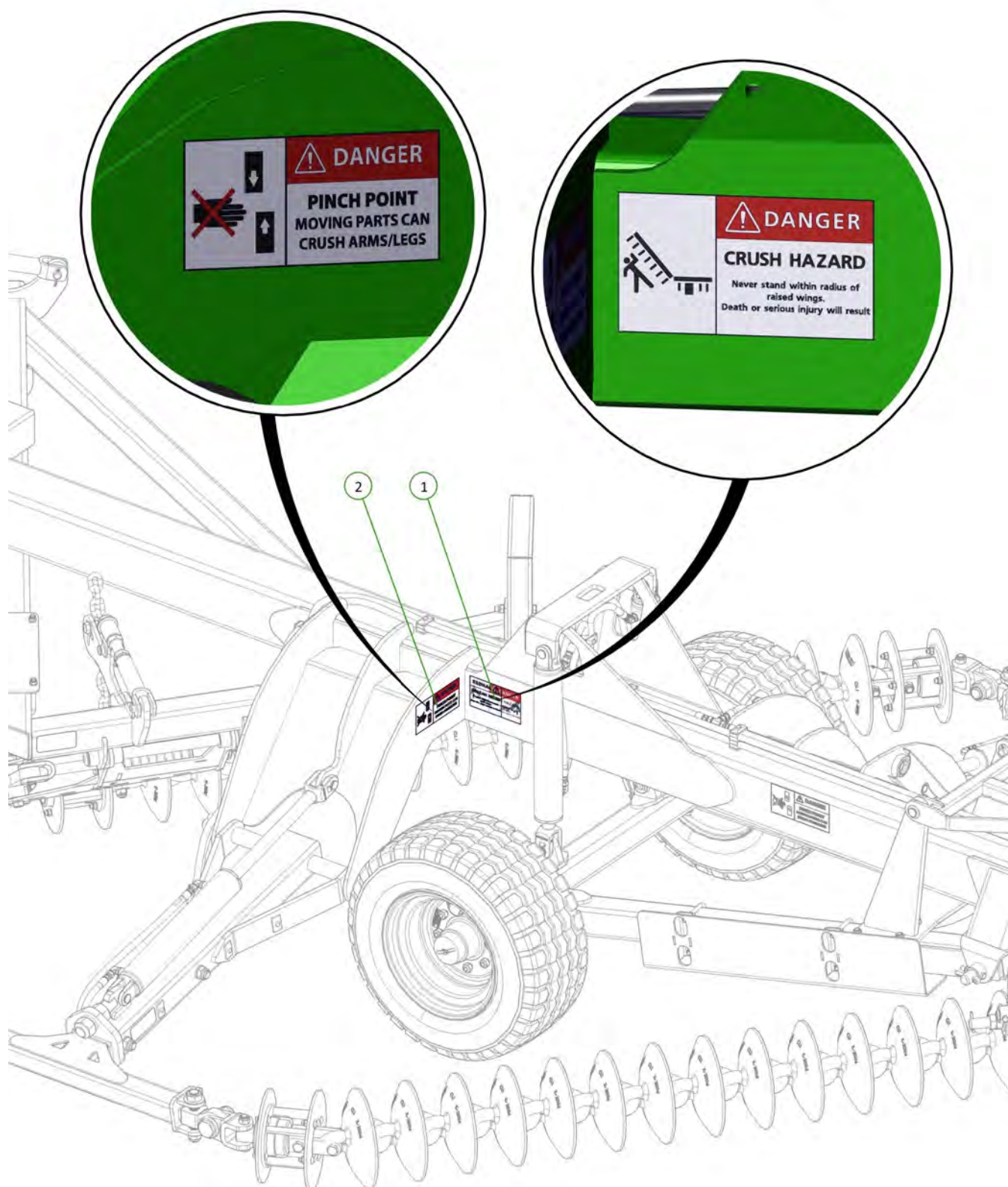
Item No.	Description	Number	Qty
1	Yellow Reflective Decal	0801-SYRF	4



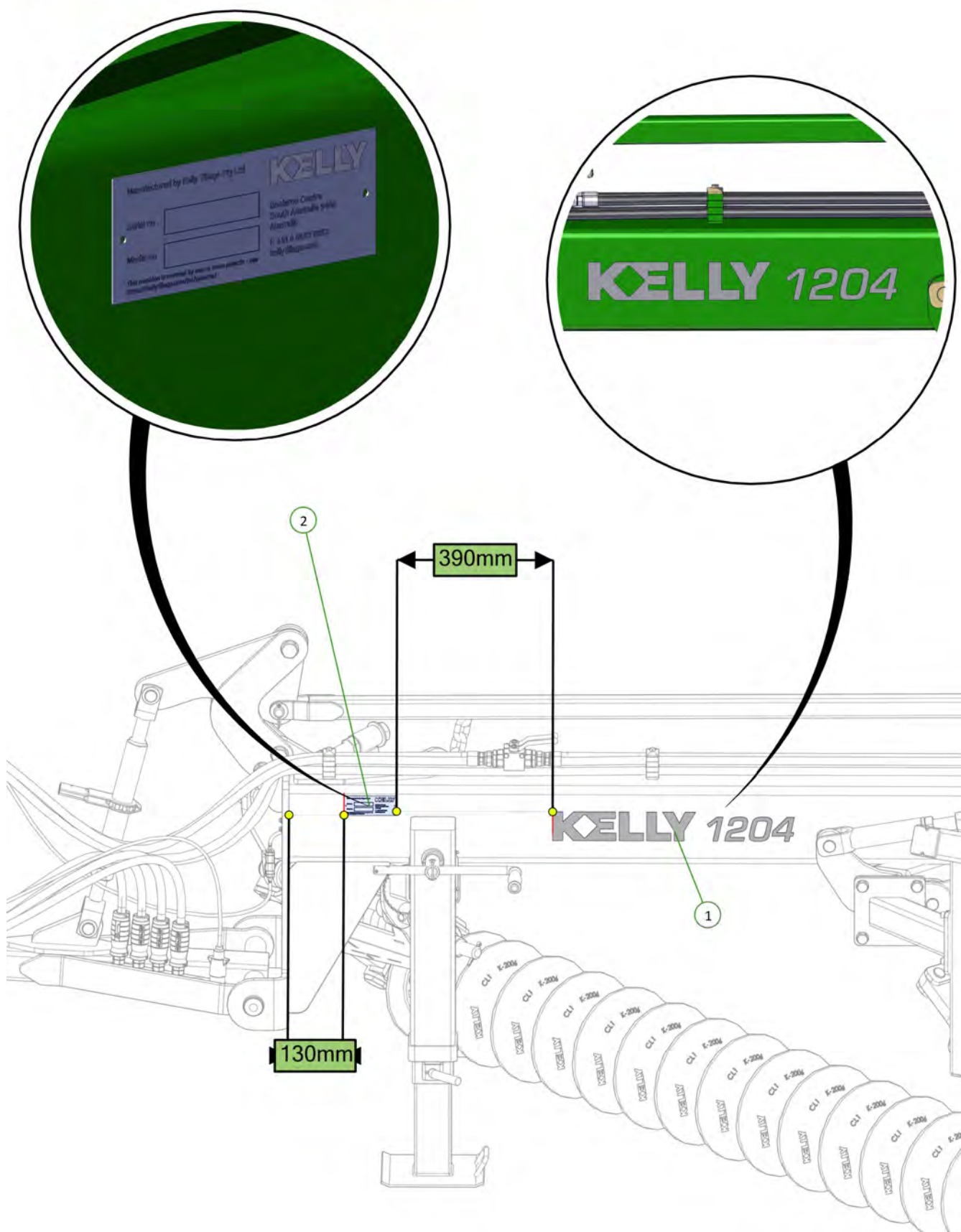
Item No.	Description	Number	Qty
1	Kelly Tillage 1204 Decal	0801-SKT1204	1
2	Pinch Point Decal	0801-S17	1
3	Yellow Reflective Decal	0801-SYRF	1



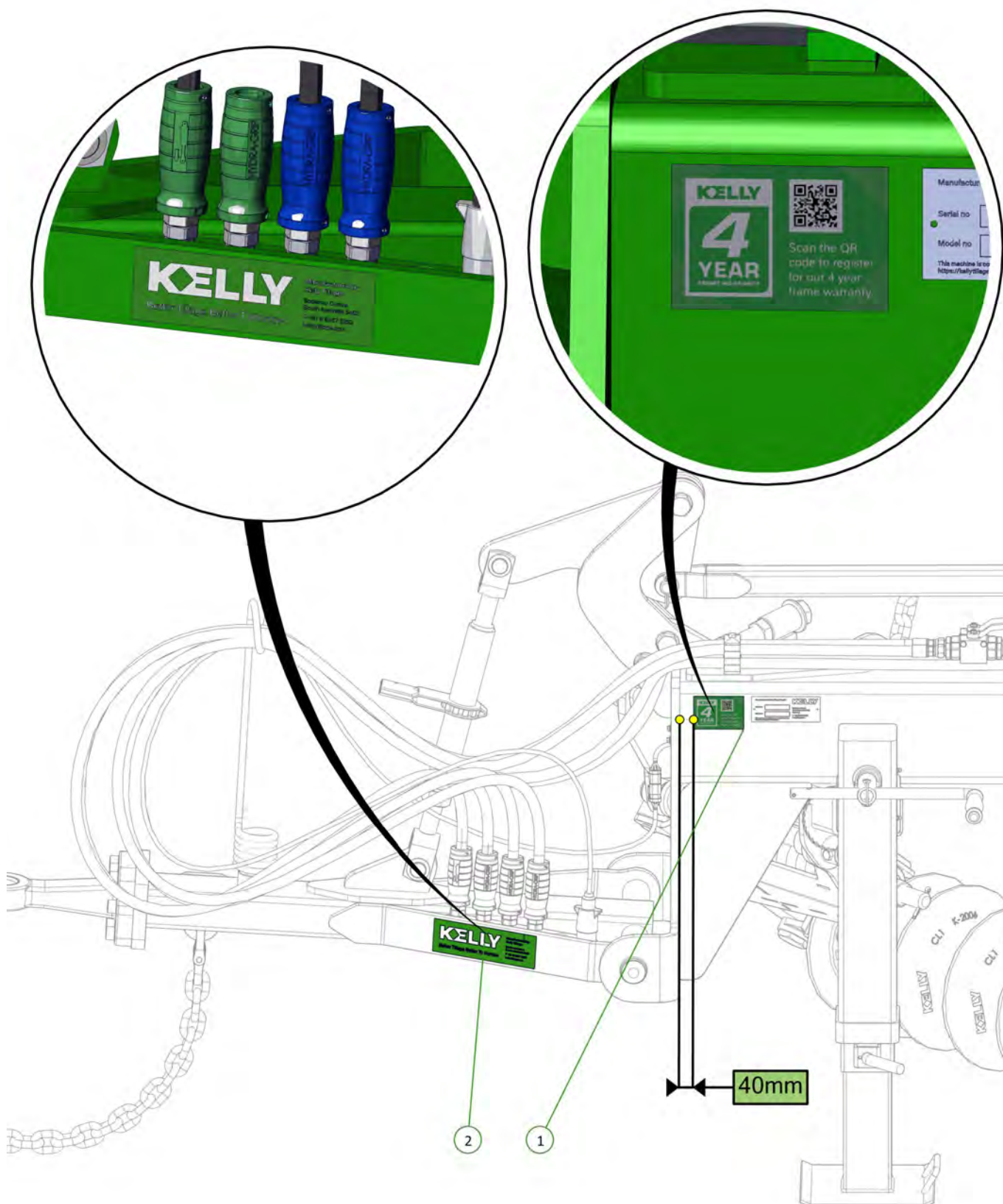
Item No.	Description	Number	Qty
1	Danger Crush Hazard Decal	0801-S3	1
2	Pinch Point Decal	0801-S17	1



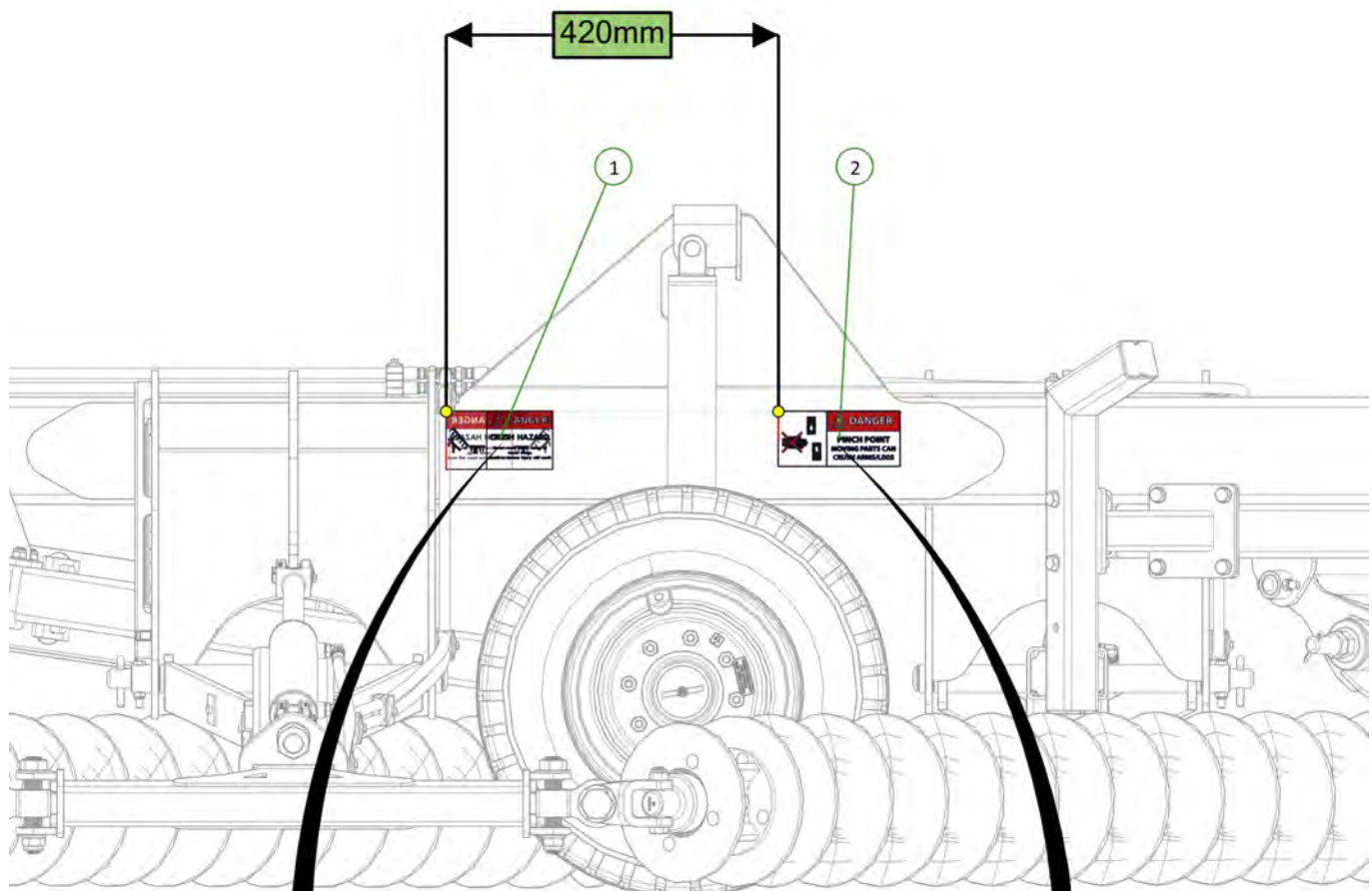
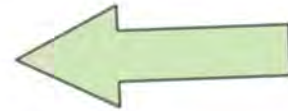
Item No.	Description	Number	Qty
1	Kelly Tillage 1204 Decal	0801-SKT1204	1
2	Kelly Tillage Data Plate	0801-SKTDTP	1



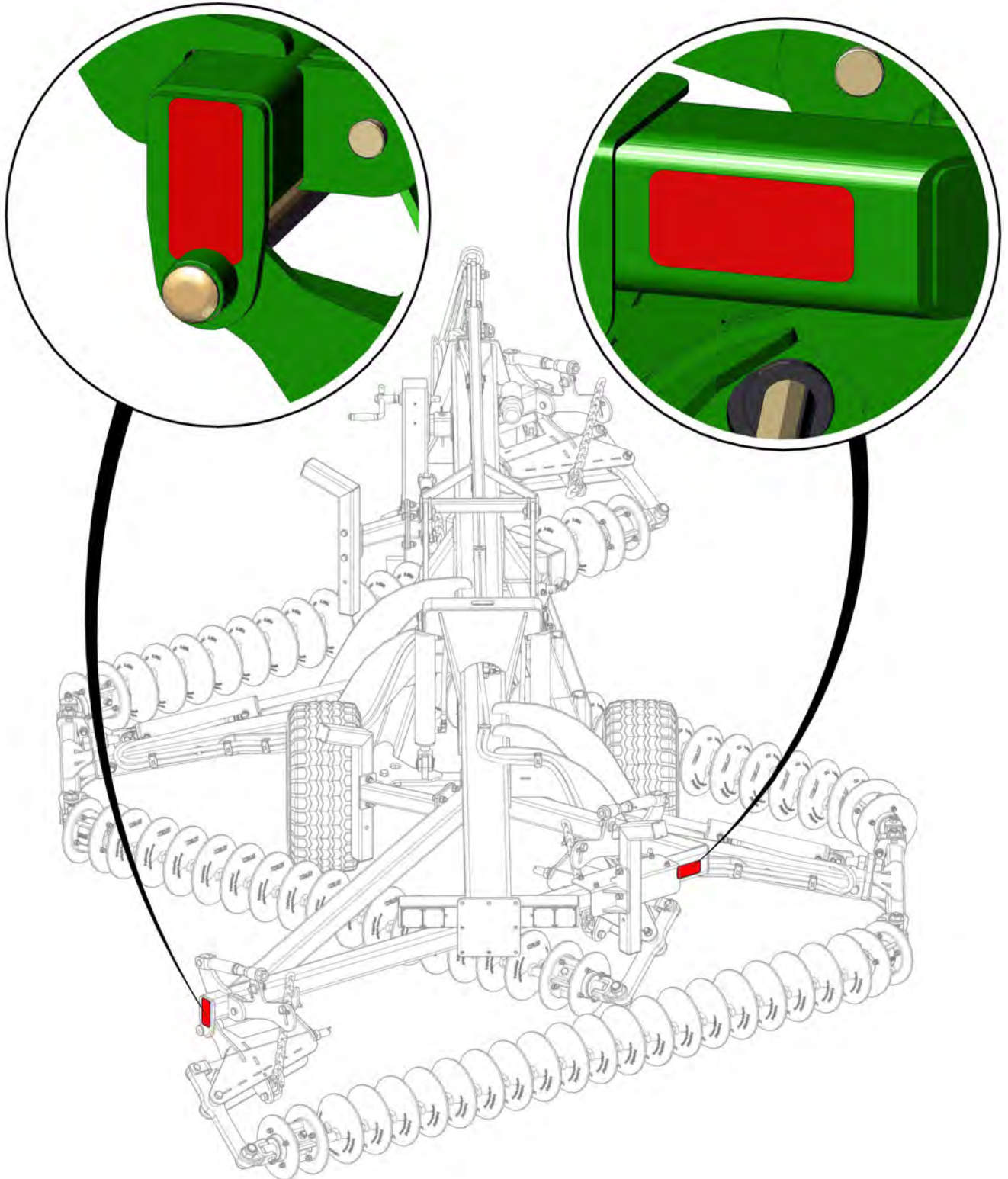
Item No.	Description	Number	Qty
1	4 Year Frame Warranty Decal AU	2001-00001	1
2	Kelly Tillage Decal	0801-S24	1



Item No.	Description	Number	Qty
1	Danger Crush Hazard Decal	0801-S3	1
2	Pinch Point Decal	0801-S17	1

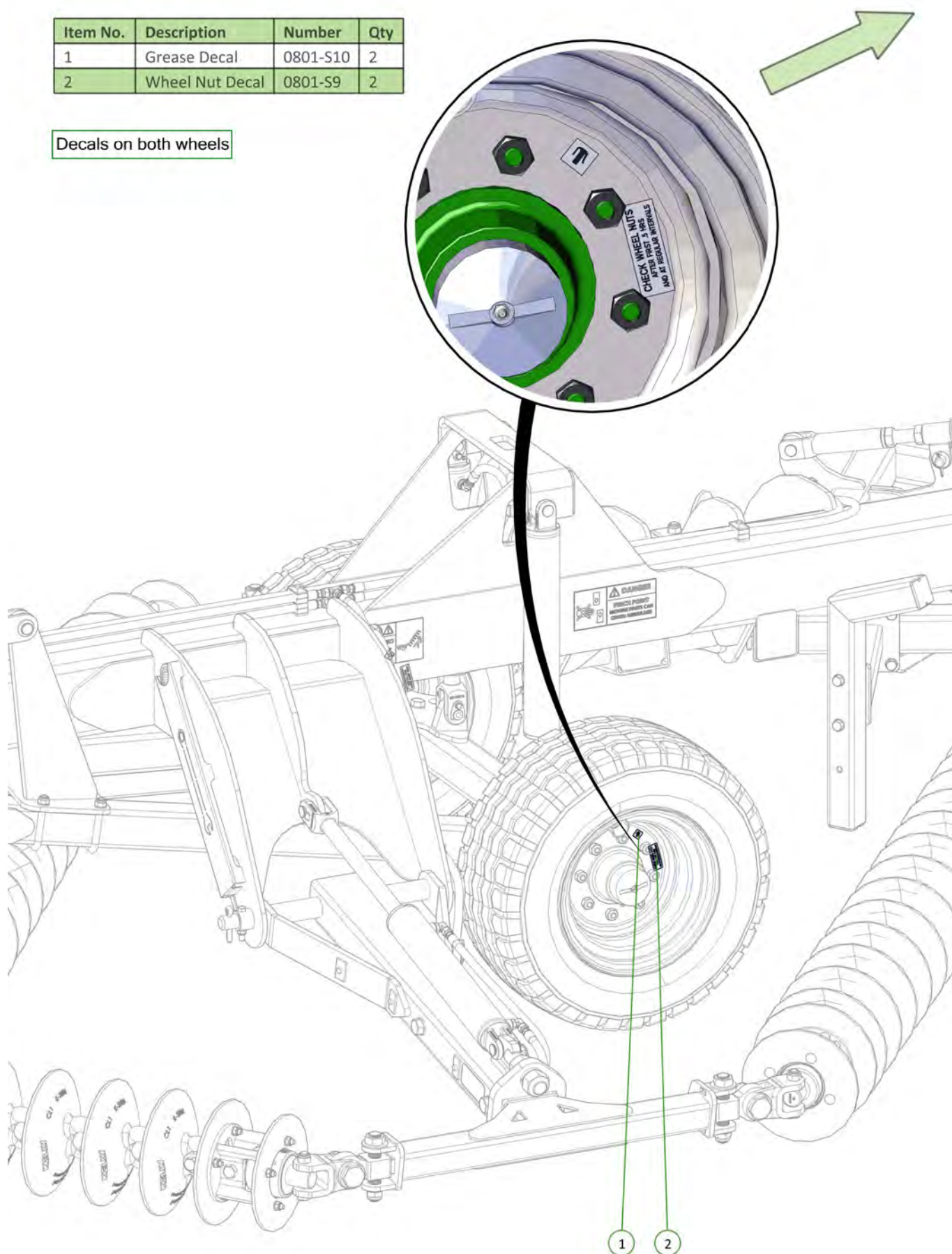


Item No.	Description	Number	Qty
1	Red Reflective Decal	0801-SRRF	2



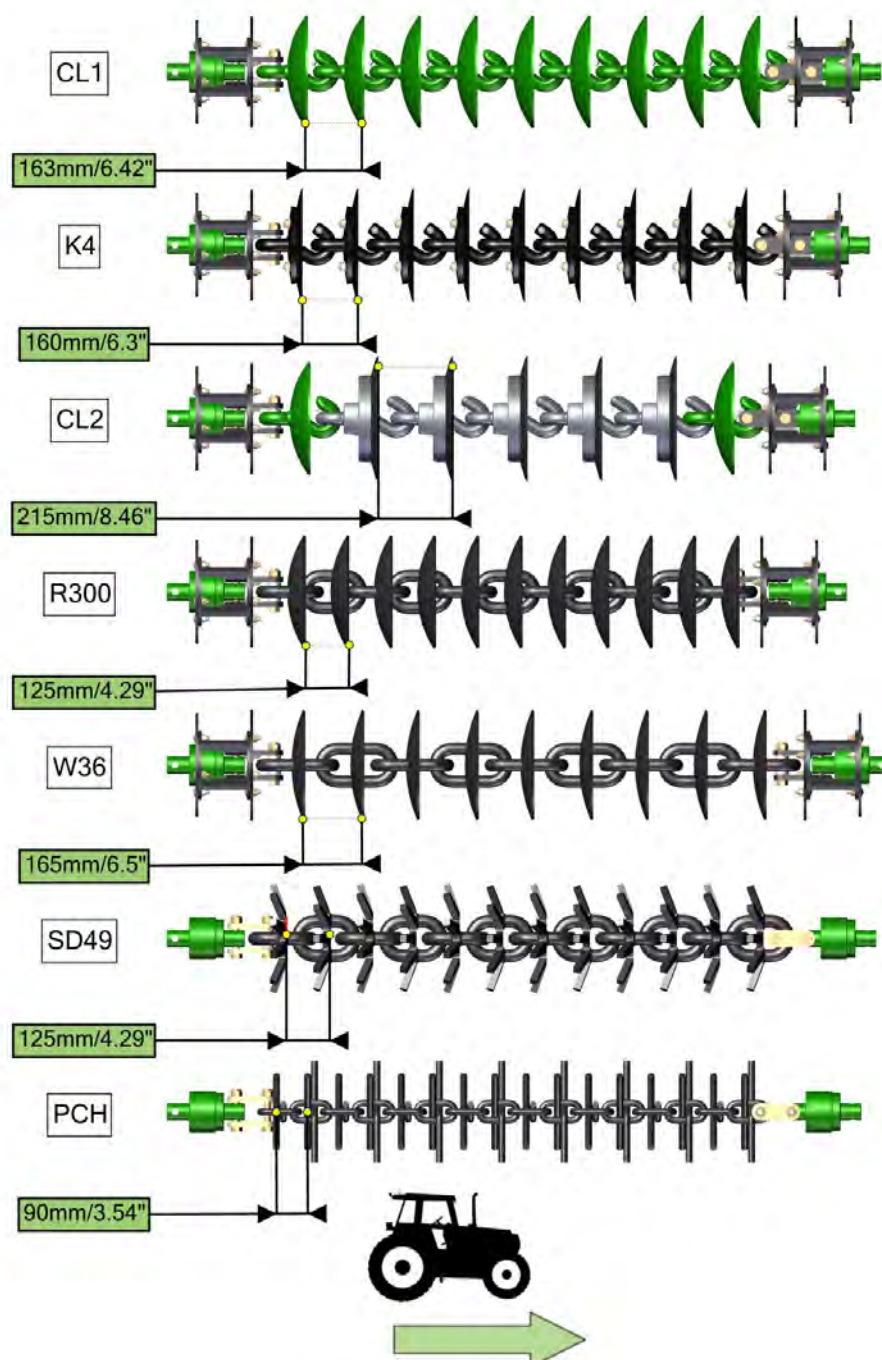
Item No.	Description	Number	Qty
1	Grease Decal	0801-S10	2
2	Wheel Nut Decal	0801-S9	2

Decals on both wheels



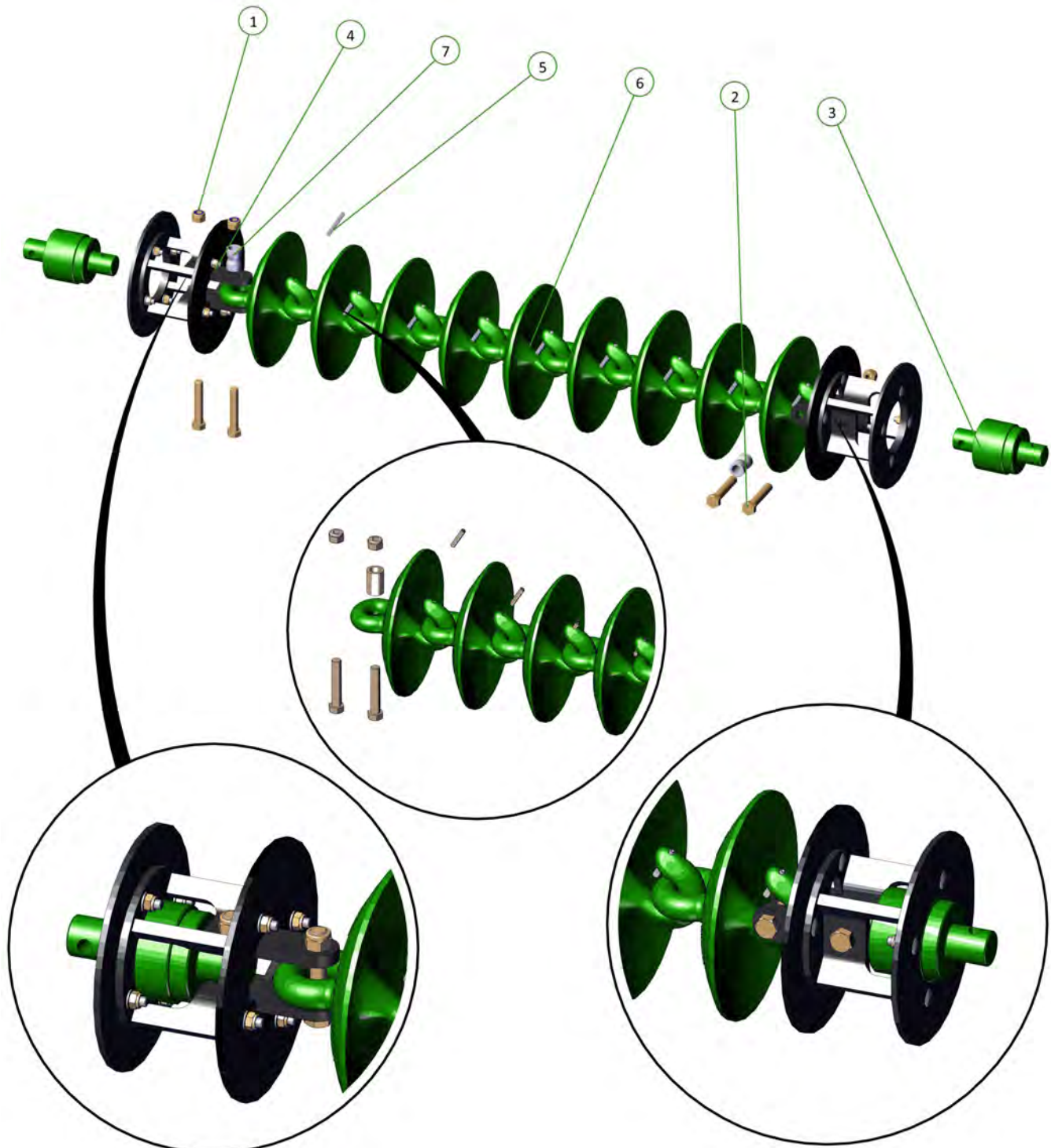
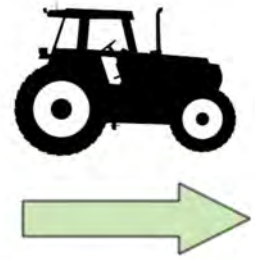


Section 5 - Chain Assembly



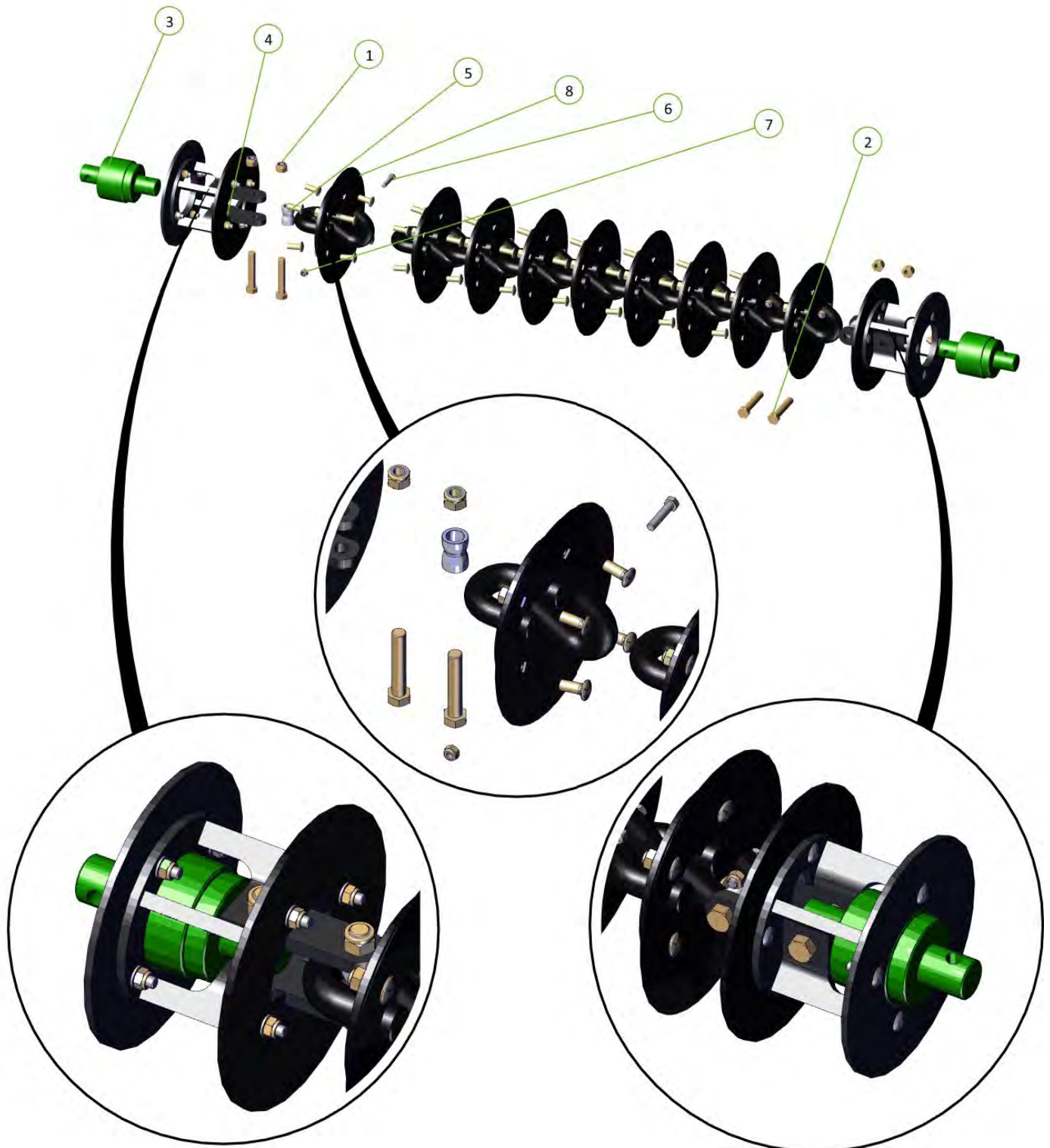
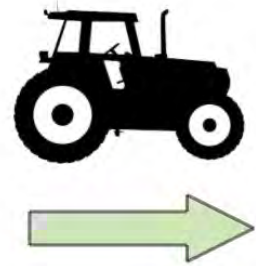
CL1 Disc Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	Tapered Chain End Assembly	0810-45A
5	Roll Pin Zinc Plated 3/8" x 3"	0262-3-8X3
6	CL1 Disc Chain Link	0803-CL1
7	Disc Chain Spacer	0801-253755



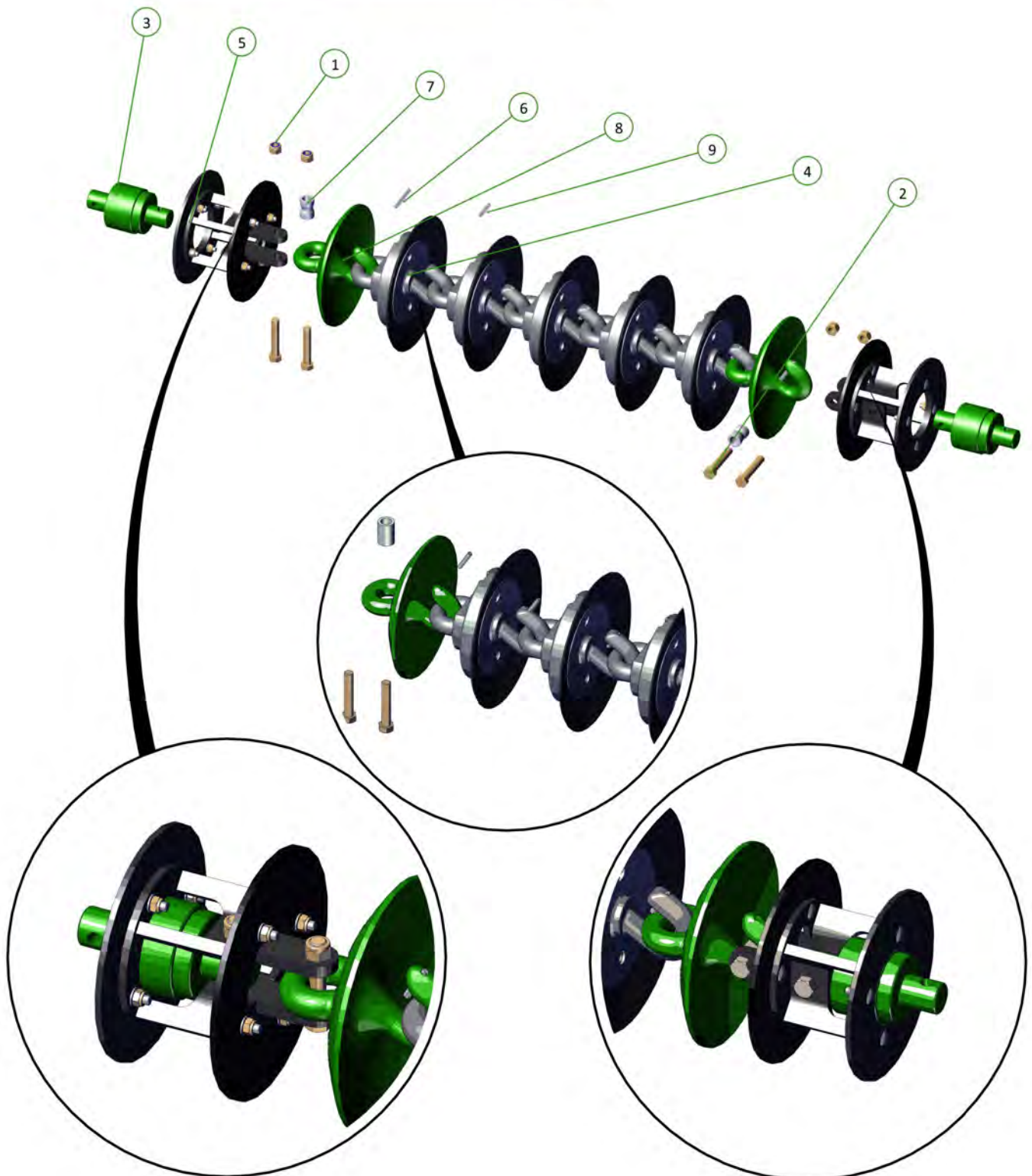
K4 Disc Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	Tapered Chain End Assembly	0810-45A
5	Disc Chain Spacer	0801-253755
6	M12 x 55 Class 8.8 ZP Bolt	0211-1255
7	Nyloc Nut M12	0221-NYL12
8	K4 Disc Assembly	0803-K4



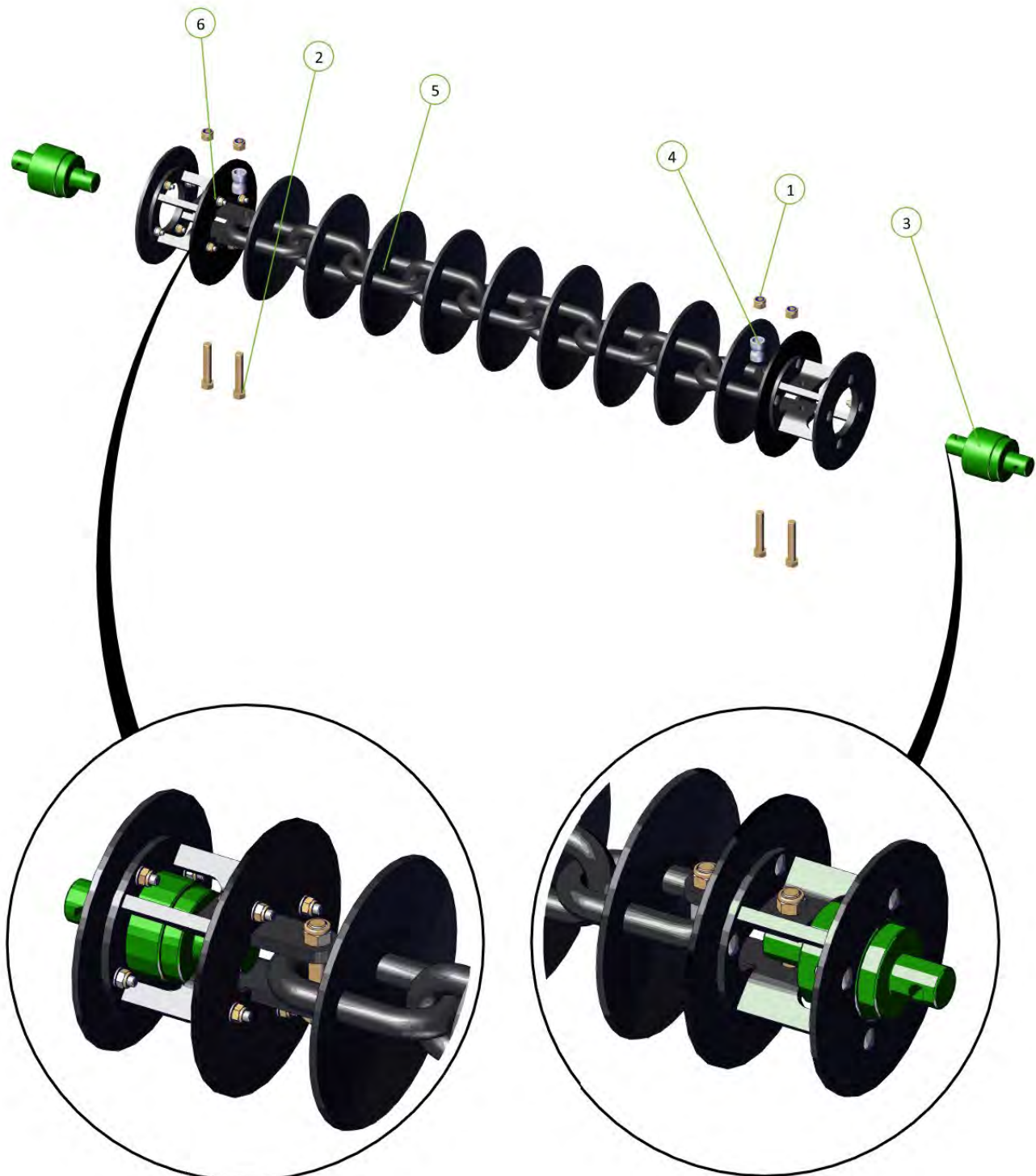
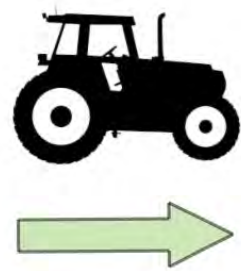
CL2 Disc Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	CL2-Link Assembly	0803-CL2
5	Tapered Chain End Assembly	0810-45A
6	Roll Pin Zinc Plated 3/8" x 3"	0262-3-8X3
7	Disc Chain Spacer	0801-253755
8	CL1 Disc Chain Link	0803-CL1
9	Roll Pin Zinc Plated 3/8" x 2"	0262-3-8X2



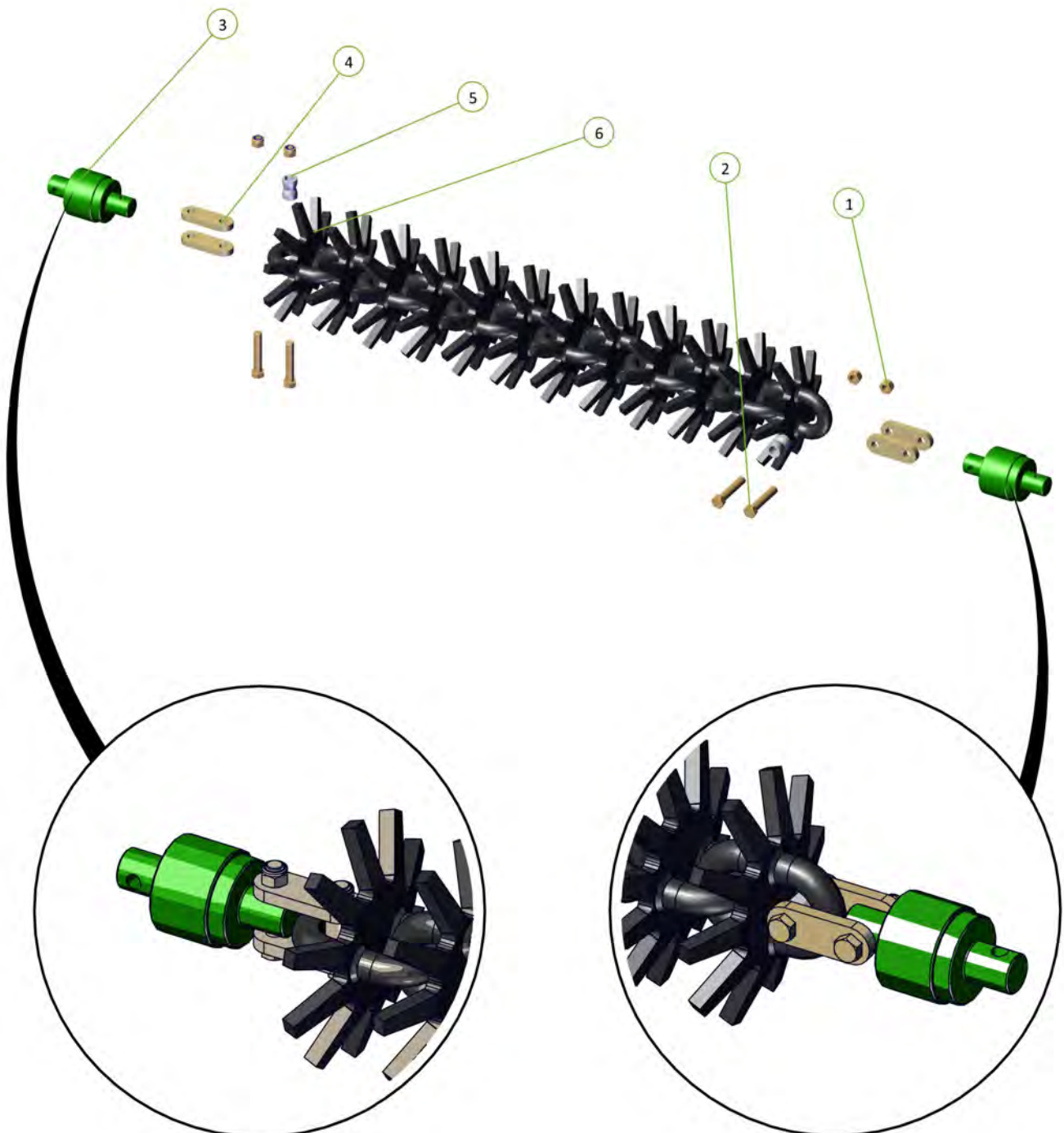
W36 Disc Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	Disc Chain Spacer	0801-253755
5	W36/25 Chain Link	0803-W36
6	Tapered Chain End Assembly	0810-45A



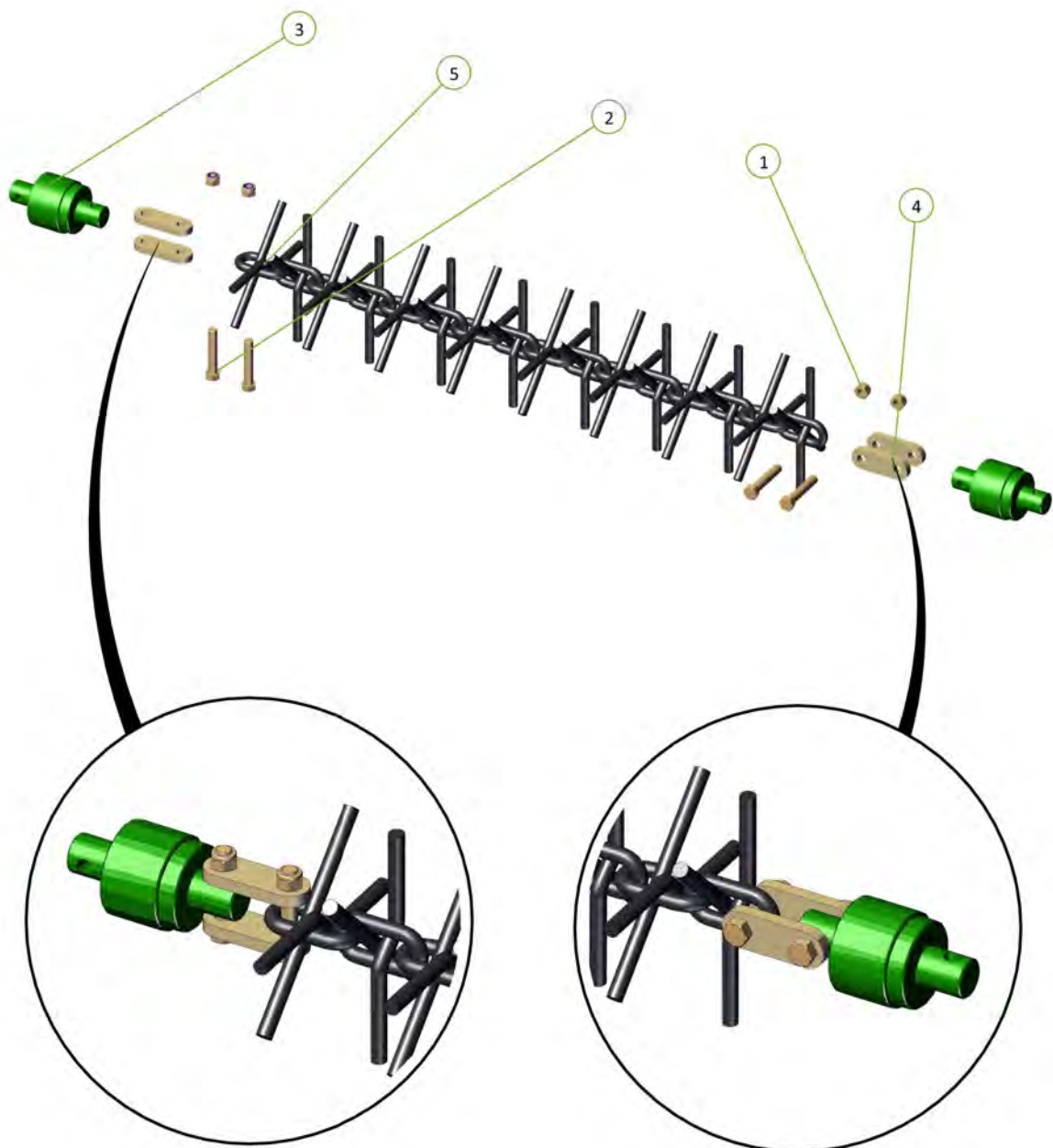
Spike Disc Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	Tie Plate For 20mm Bolt	0800-83.2
5	Disc Chain Spacer	0801-253755
6	10 Spike Disc Chain 49/27/5	0803-SD49



Prickle Chain

Item No.	Description	Number
1	Nyloc Nut M20	0221-NYL20
2	M20 x 110 Class 10.9 ZP Short Thread Bolt	0211-20110ST
3	20mm Bolt Swivel Unit	0802-PCHB55
4	0800-83.2	0800-83.2
5	Prickle Chain	0803-PCH





Section 6 - Chain Operation and Correct Setup

Importance of good chain setup

Operational

Chain tension is critical to achieve a smooth and level seedbed. A correctly tensioned, monitored and maintained chain will deliver the results you need. Incorrect chain tension can lead to:

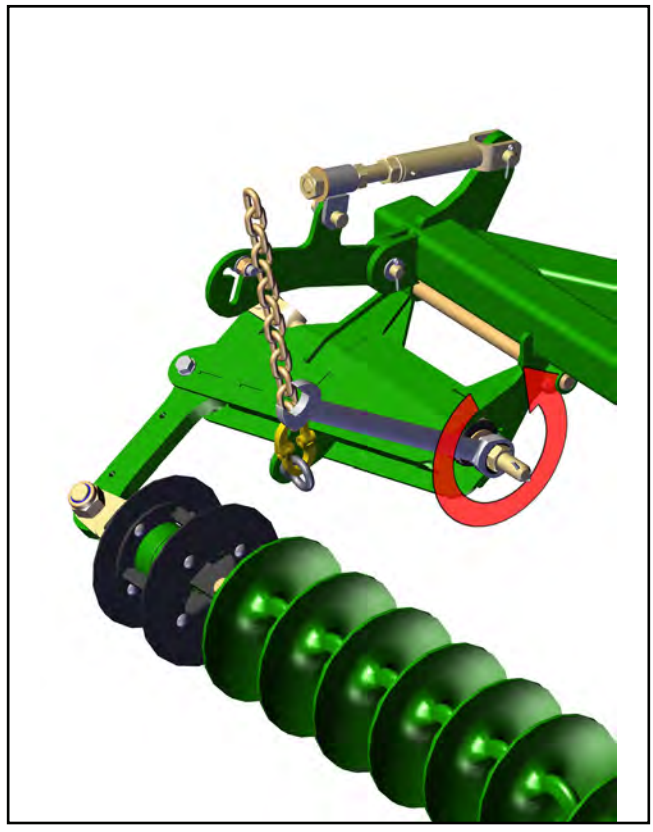
- Uneven results across the cut width of the machine
- Uneven ridges and furrows being created
- Uneven weed control
- Uneven residue incorporation
- Premature chain link wear

A correctly adjusted machine will not cause this phenomenon.

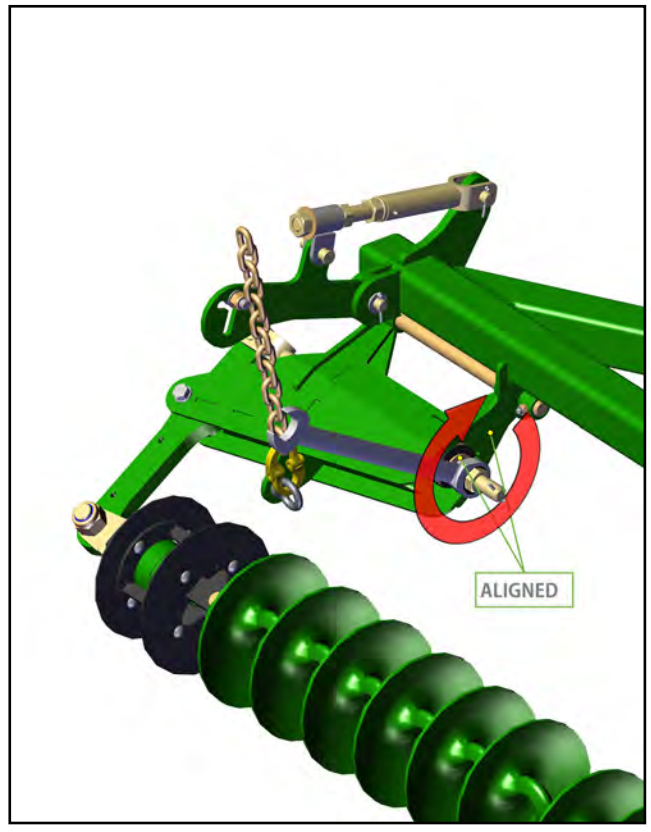
Chain tension

1. Loosen the lock nut on the module tension rod.
2. For correct chain tension, tighten the adjusting nuts clockwise until the outside face of the spring retaining washer is flushed with the face of the tension body. Spring length of 330mm / 1' 1".
3. If more than 150mm / 5-29/32 "of tensioner thread is visible, then remove one link from the chain set to maintain correct chain tension.
4. Retighten the lock nut.

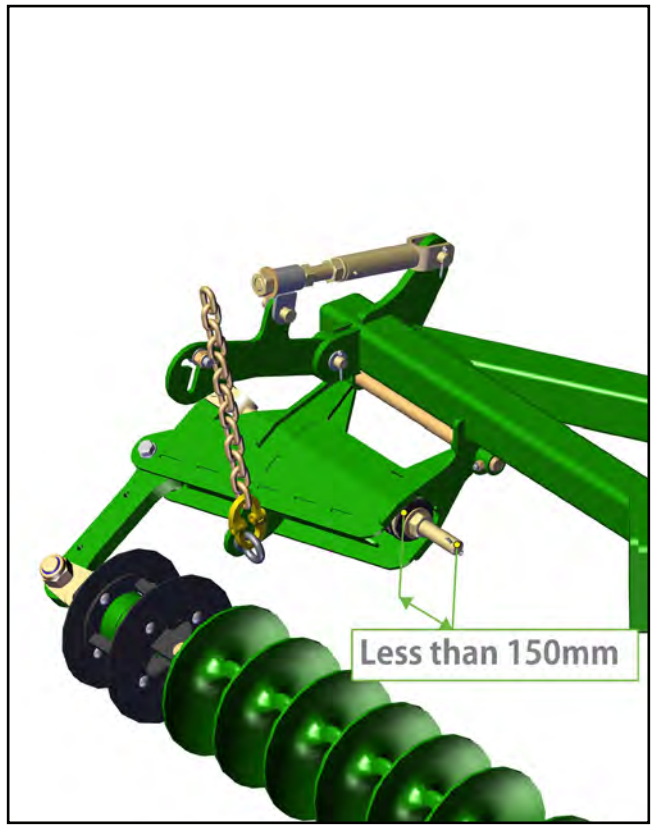
1



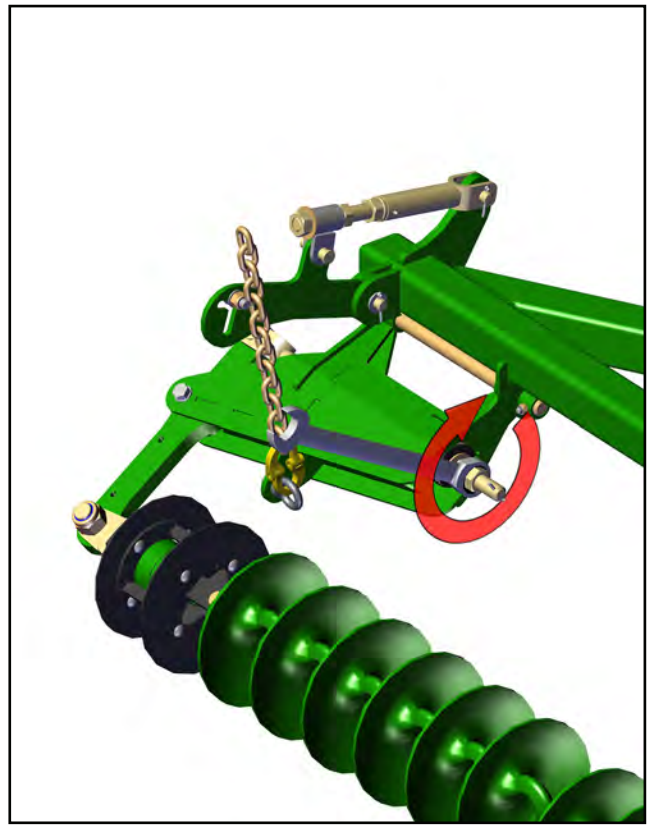
2



3



4

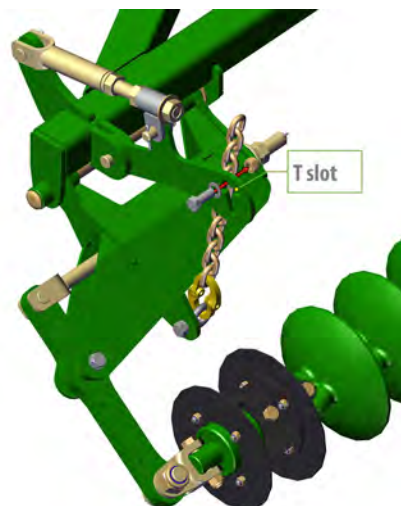


Chain height adjustment

Chain Tensioners

1. Where a large amount of adjustment is required remove the locking bolt and slide the chain through the T slot then replace locking bolt and fine tune height with threaded adjustor.
2. Using the supplied spanner, loosen the lock nut on the height adjustor thread.
3. Using the supplied spanner, adjust the height.
4. Tighten the lock nut.

1



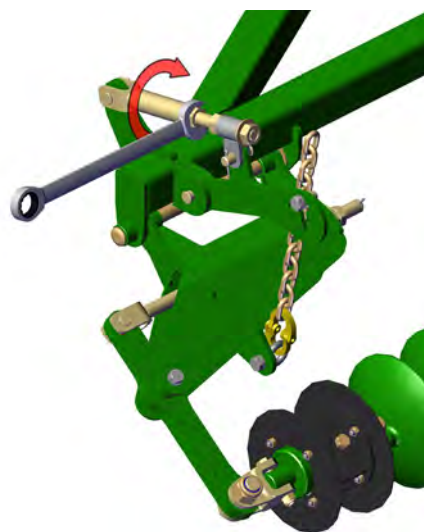
2



3



4





Section 7 - Specifications

Operating speed

Recommended operating speeds in normal conditions with all chain types	
Operating / working speed	(5-8 mph) / (8-12 km/h)
Transporting / towing speed	(16 mph) / (25 km/h)

Tyre pressure

Tyre size	Ply	KPA	PSI
13.0/55-16	14	250	36

1204 specifications

Model 1204 Set at	3.5m/11' 5-25/32"
Operating width	3.79m / 12' 5-7/32"
Transport width	2.31m / 7' 6-15/16"
Transport height	2.17m / 7' 1-7/16"
Transport length	8.98m / 29' 5-17/32"
Model 1204 Set at	4m/13' 1-15/32"
Operating width	4.29m / 14' 29/32"
Transport width	2.31m / 7' 6-15/16"
Transport height	2.42m / 7' 11-9/32"
Transport length	8.98m / 29' 5-17/32"
Model 1204 Set at	1204 - 4.5m/14' 9-5/32"
Operating width	4.80m / 15' 8-31/32"
Transport width	2.34m / 7' 8-1/8"
Transport height	2.66m / 8' 8-23/32"
Transport length	8.95m / 29' 4-3/8"

Disc chain lengths and Quantities

1204 Model		Length	K4	CL1	W36	R300	SD49	PCH
3.5m	Front Left	2.760m / 9' 21/32"	17	17	16	22	22	31
	Front Right	2.373m / 7' 9-7/16"	15	14	14	19	19	26
	Rear Right	3.124m / 10' 3"	20	19	18	25	25	35
	Rear Left	2.472m / 8' 1-5/16"	15	15	14	20	20	27
4m	Front Left	2.998m / 9' 10-1/32"	19	18	17	24	24	33
	Front Right	2.609m / 8' 6-23/32"	16	16	15	21	21	29
	Rear Right	3.361m / 11' 5/16"	21	20	20	27	27	37
	Rear Left	2.710m / 8' 10-11/16"	17	16	16	22	22	30
4.5m	Front Left	3.205m / 10' 6-3/16"	20	20	19	25	25	35
	Front Right	2.815m / 9' 2-13/16"	18	17	16	22	22	31
	Rear Right	3.568m / 11' 8-15/32"	22	22	21	28	28	39
	Rear Left	2.920m / 9' 6-31/32"	18	18	17	23	23	32

For correct chain tension, chain links may need to be removed from the end of the chain as follows:

K4 Disc Chain - unhook disc chain link/s from end of the disc chain

CL1 Disc Chain - unhook disc chain link/s from end of the disc chain

W36 Disc Chain - cut a disc chain link from the end of the disc chain

R300 Disc Chain - cut a disc chain link from the end of the disc chain

Spiked Disc Chain - cut a disc chain link from the end of the disc chain

Prickle Chain - cut a prickle chain link from the end of the prickle chain

Scan the following QR code to open the removing a welded disc chain video.



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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