

6m



Kelly 

Tillage System 6m Assembly Manual

Revision B - June 2020

Serial Number:

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Thank you for choosing a Kelly Tillage 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 Tillage directly.

Kelly Tillage welcomes 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.

Kelly Tillage

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Spare Parts: parts@kellytillage.com

Website: www.kellytillage.com

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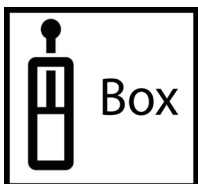
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This symbol indicates which bag the relevant fasteners are in



This symbol indicates which bag the relevant hydraulics are in



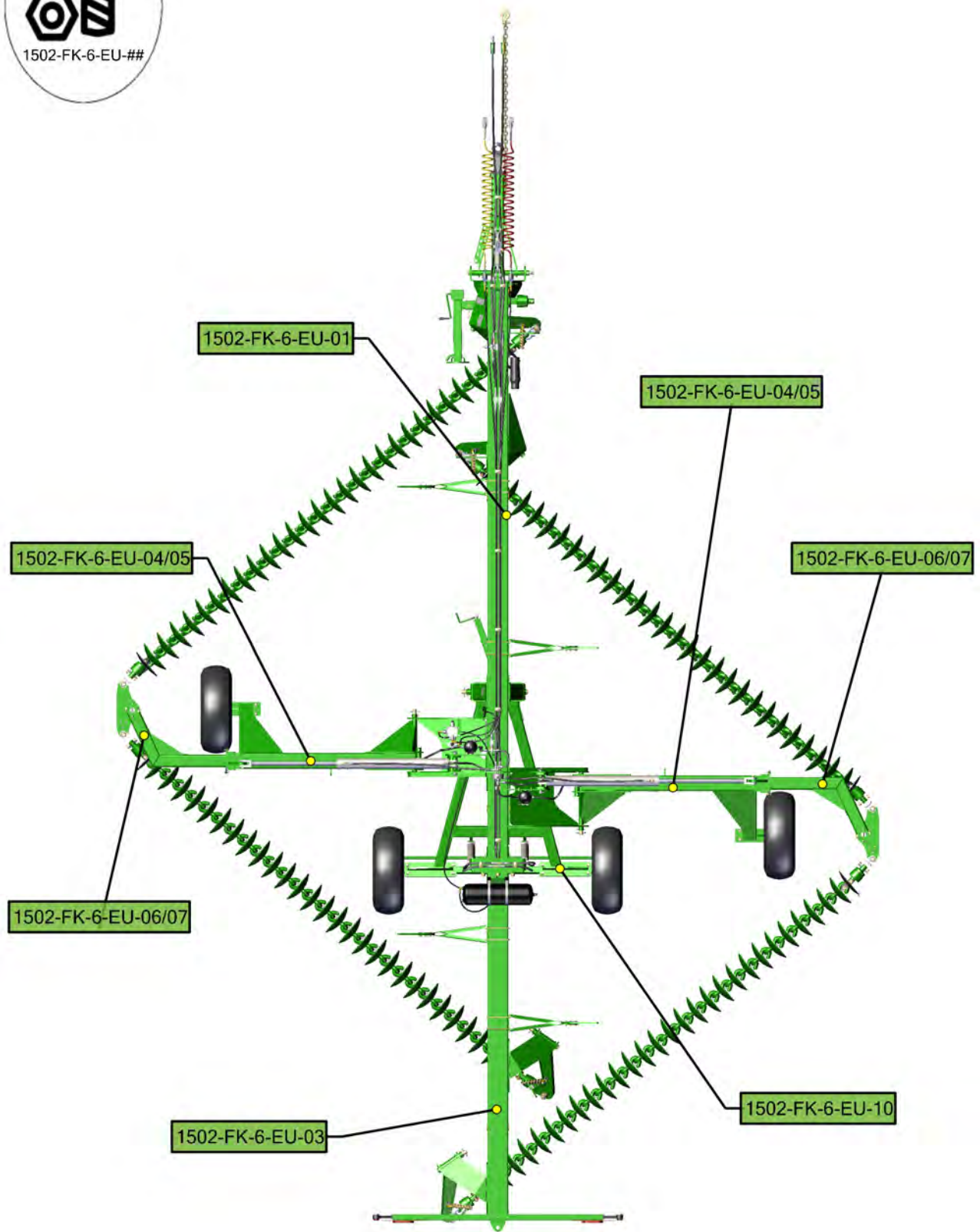
This symbol indicates the hydraulics are in a box



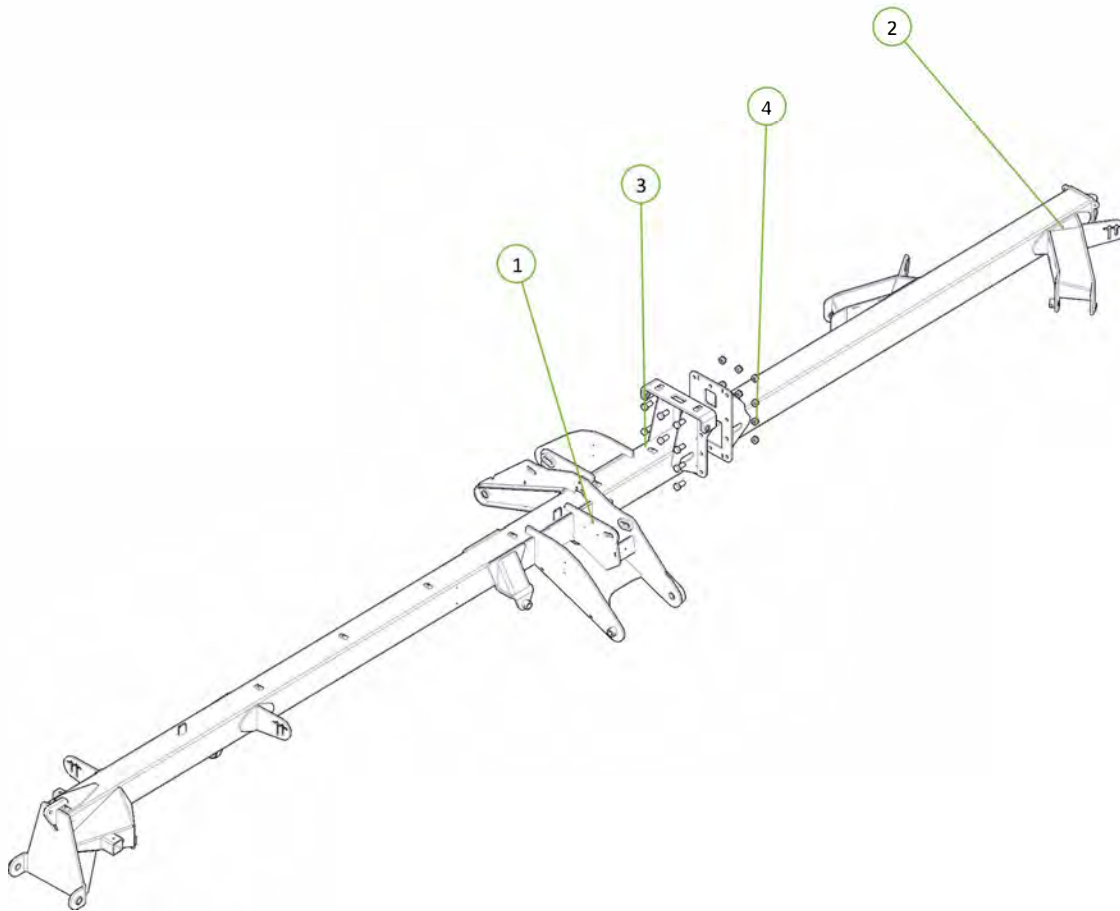
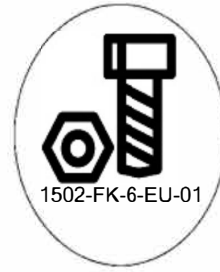
This symbol indicates which way the machine is travelling

Section 1

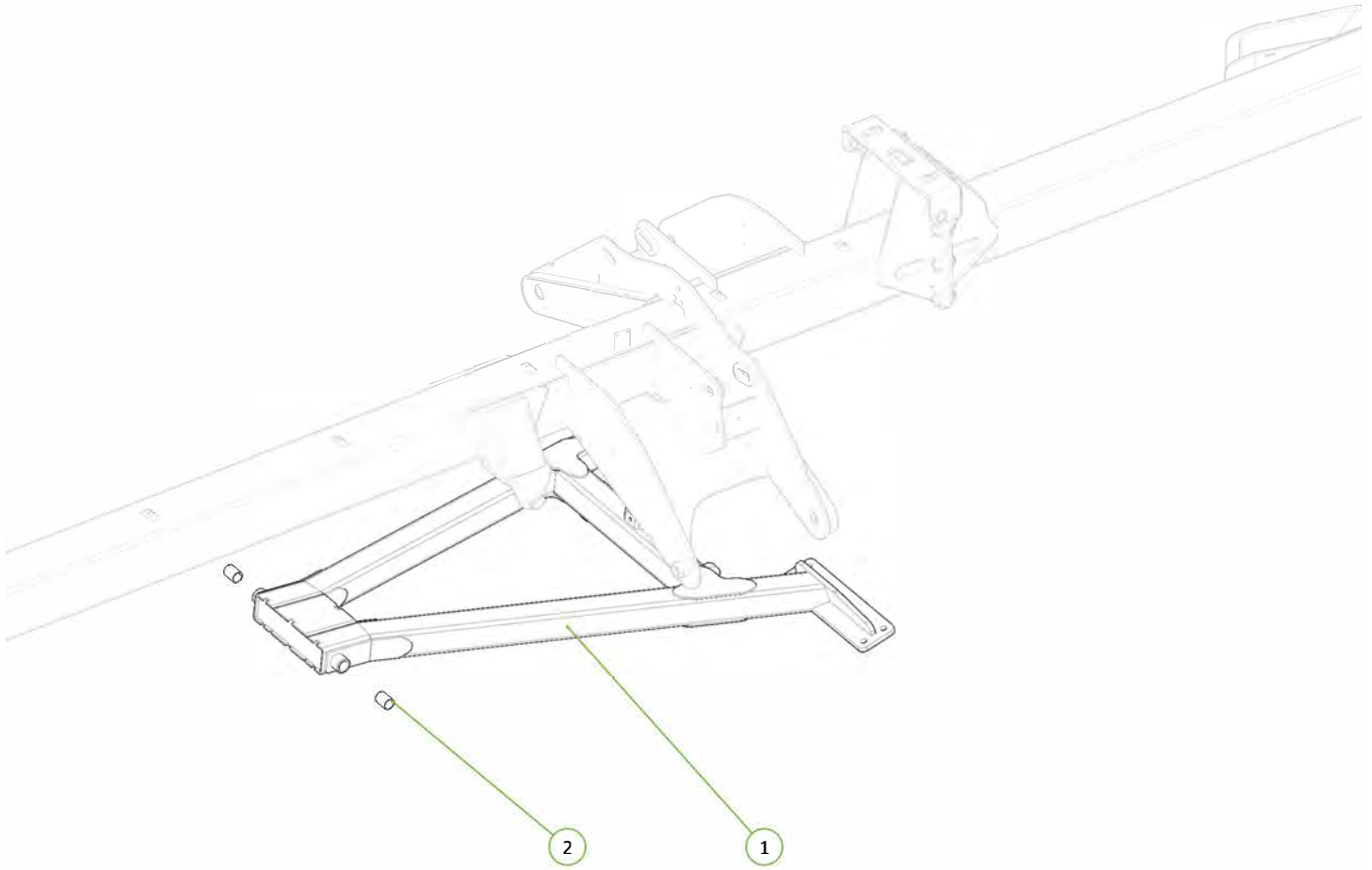
Assembly



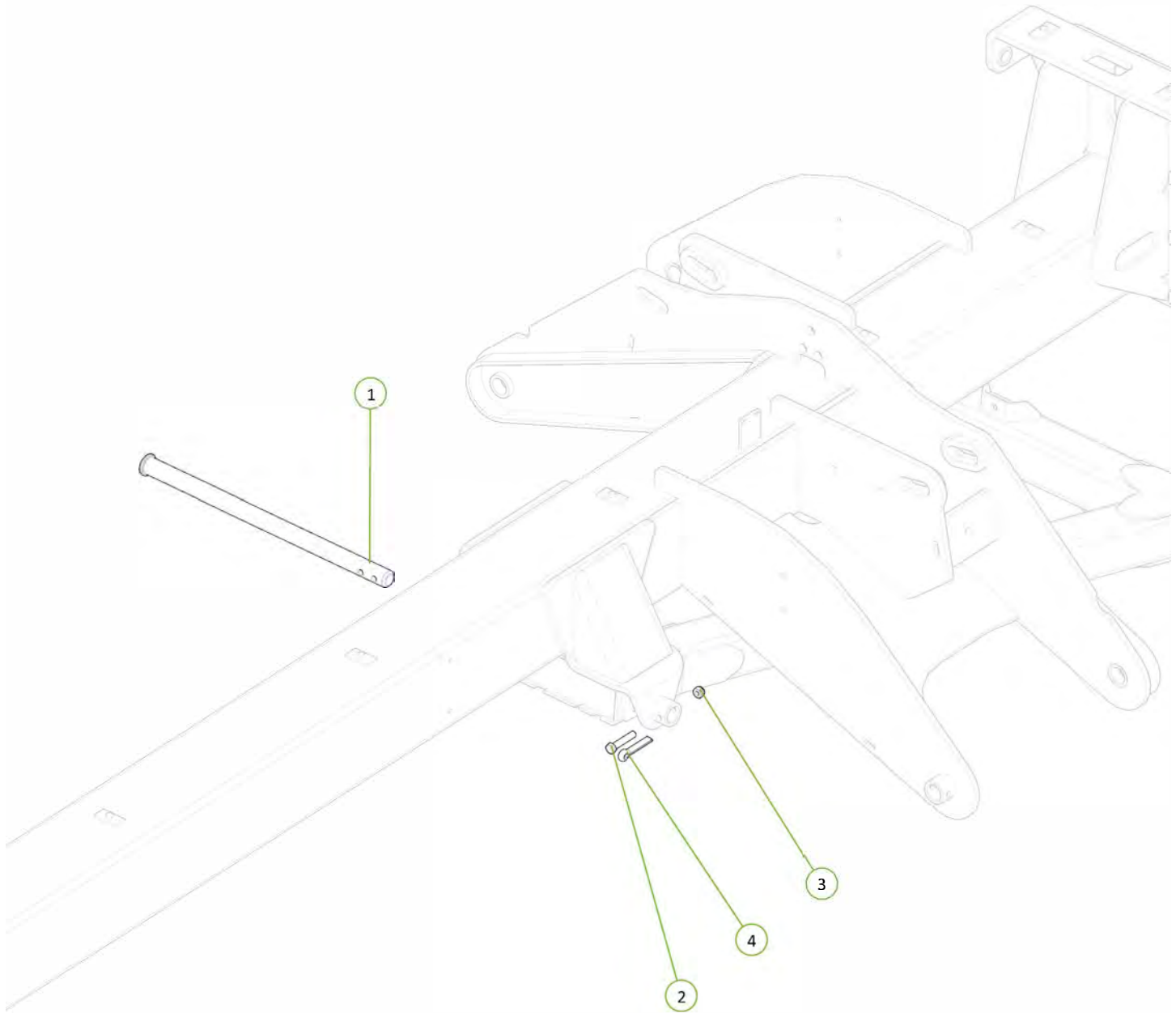
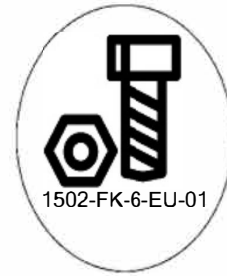
Item No.	Description	Qty	Number
1	Centre Section Frame	1	1520-01E
2	Rear Section Frame	1	1520-03E
3	M24 x 55 Grade 8.8 ZP Bolt	11	0211-2455
4	Nyloc Nut M24	11	0221-NYL24



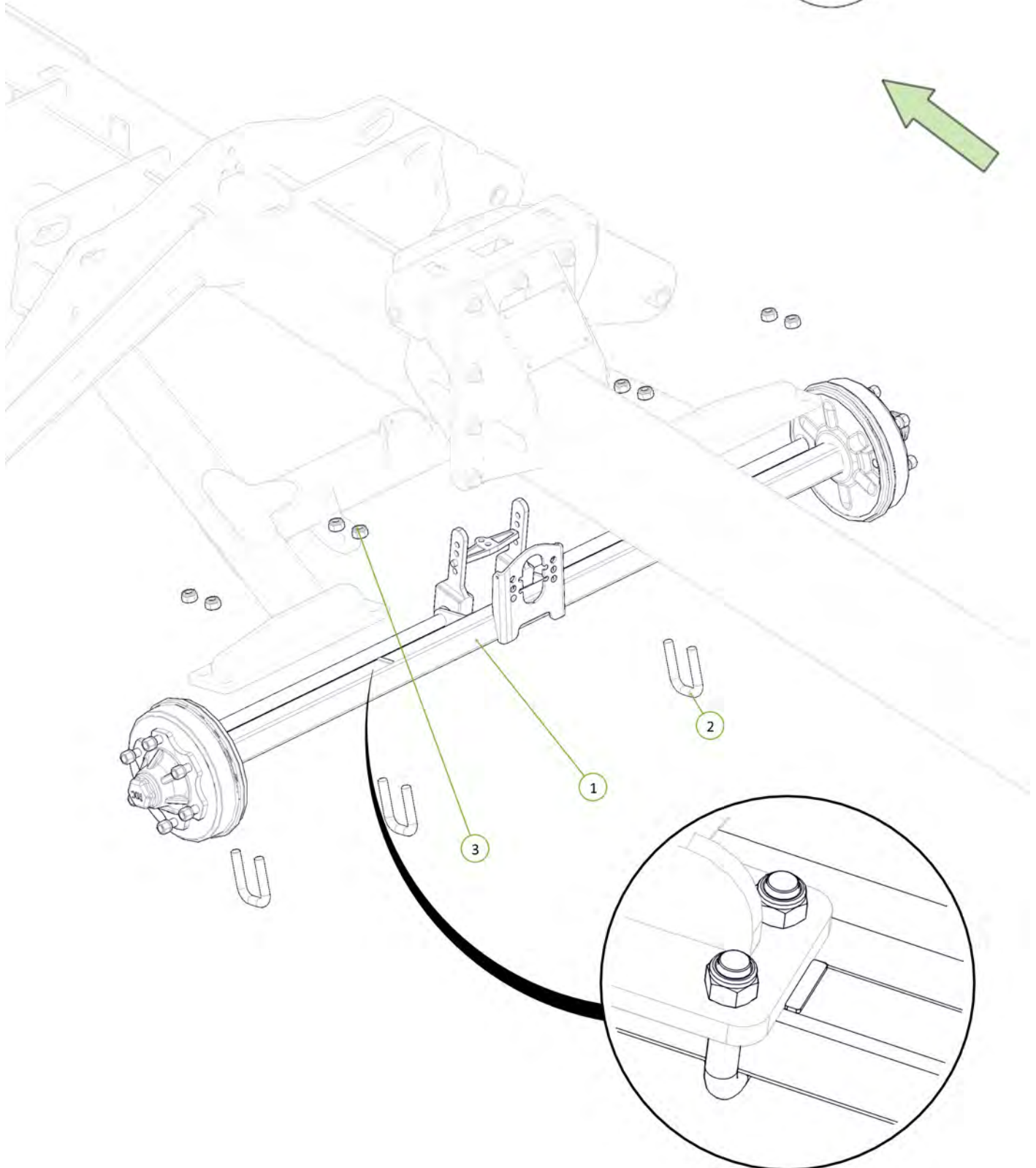
Item No.	Description	Qty	Number
1	Wheel Arm Frame Braked Axle	1	1520-10B
2	35 ID x 50mm DX Bush	2	0113-3550DX



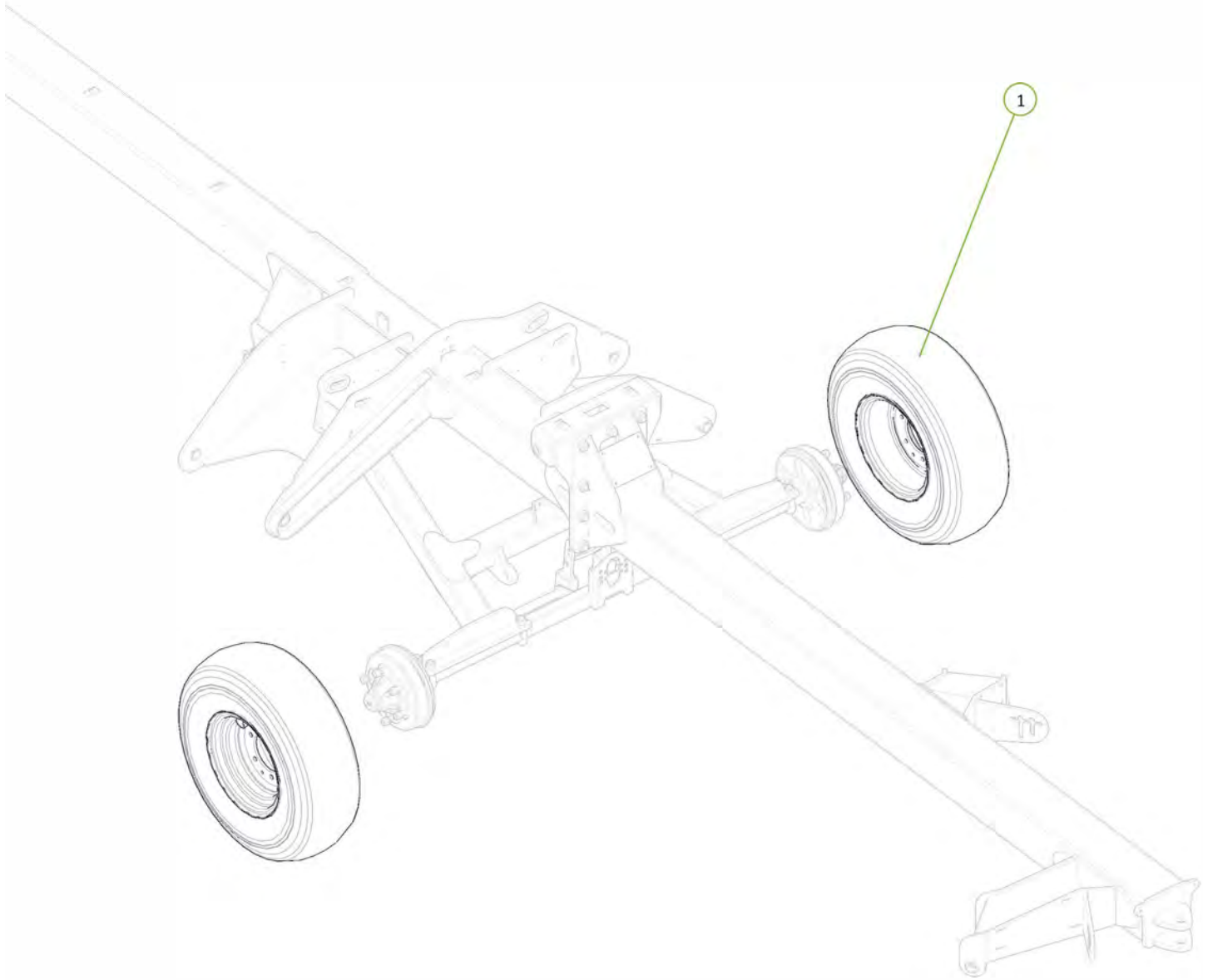
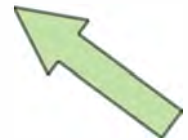
Item No.	Description	Qty	Number
1	Long Pivot Pin	1	1501-35615
2	M12 x 65 Grade 8.8 ZP Bolt	1	0211-1265
3	Nyloc Nut M12	1	0221-NYL12
4	Cotter Pin M13 x 63	1	0261-PINC1363



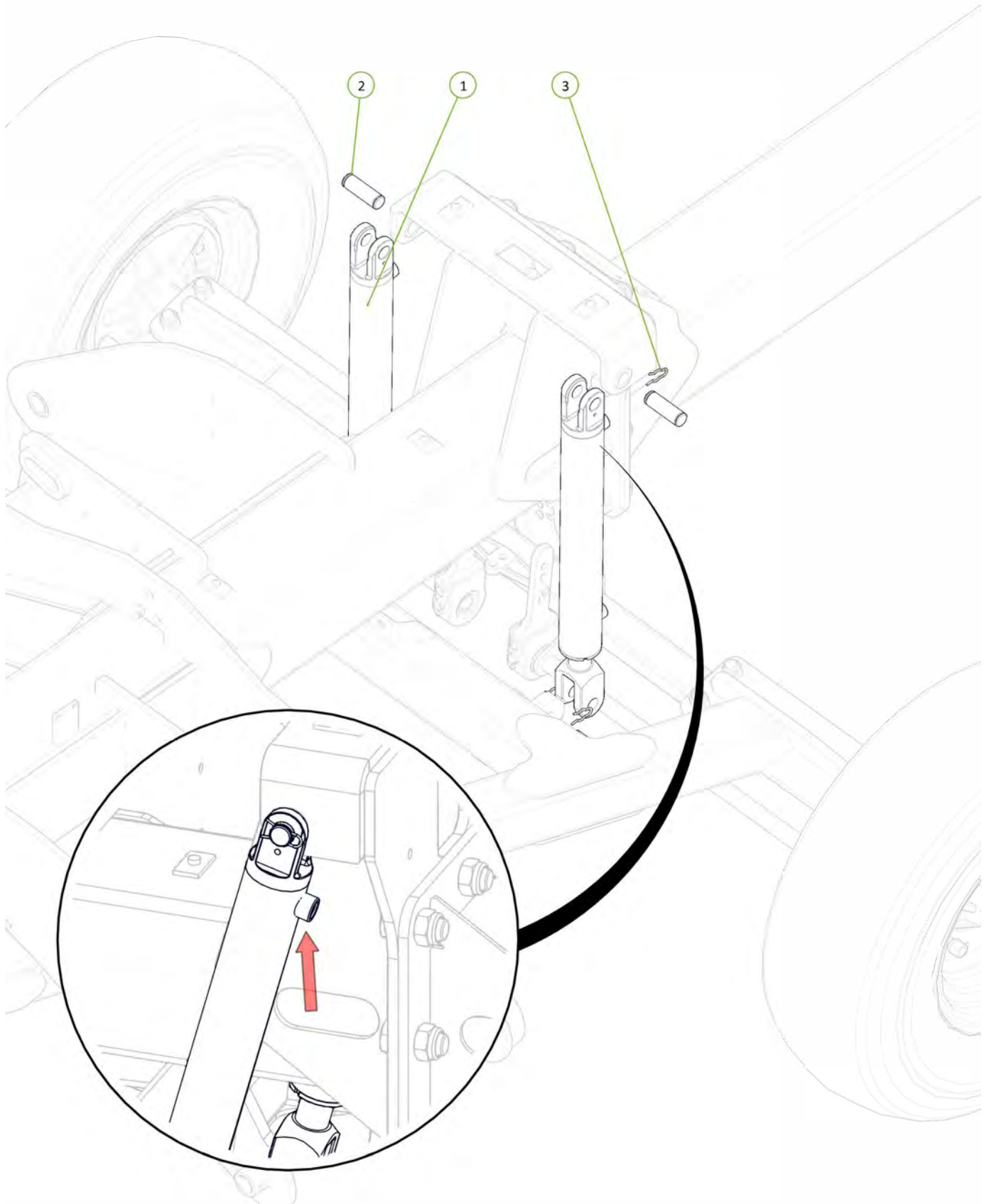
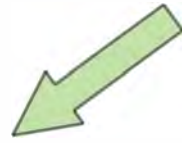
Item No.	Description	Qty	Number
1	Monroc 606 XFR 6 on 205 PCD 2100 OHF	1	0733-606XFR300X60C-V2100
2	U-Bolt M20 x 105 Deep x 62 Wide	4	0271-2010562
3	Nyloc Nut M20	8	0221-NYL20



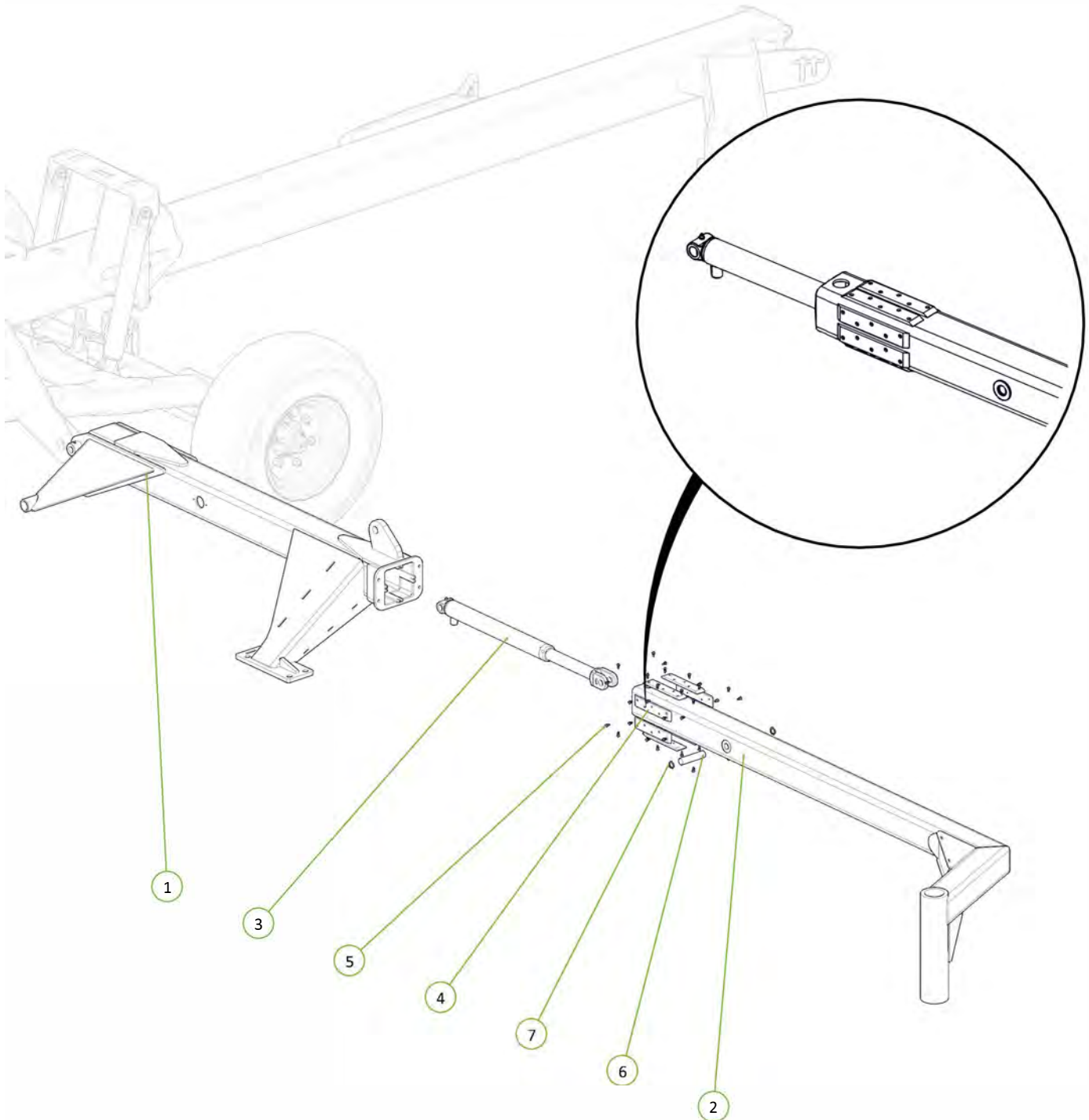
Item No.	Description	Qty	Number
1	11.5/80-15.3 Tyre on 6 on 205 Stud Rim	2	0751-11.5/80-15.3



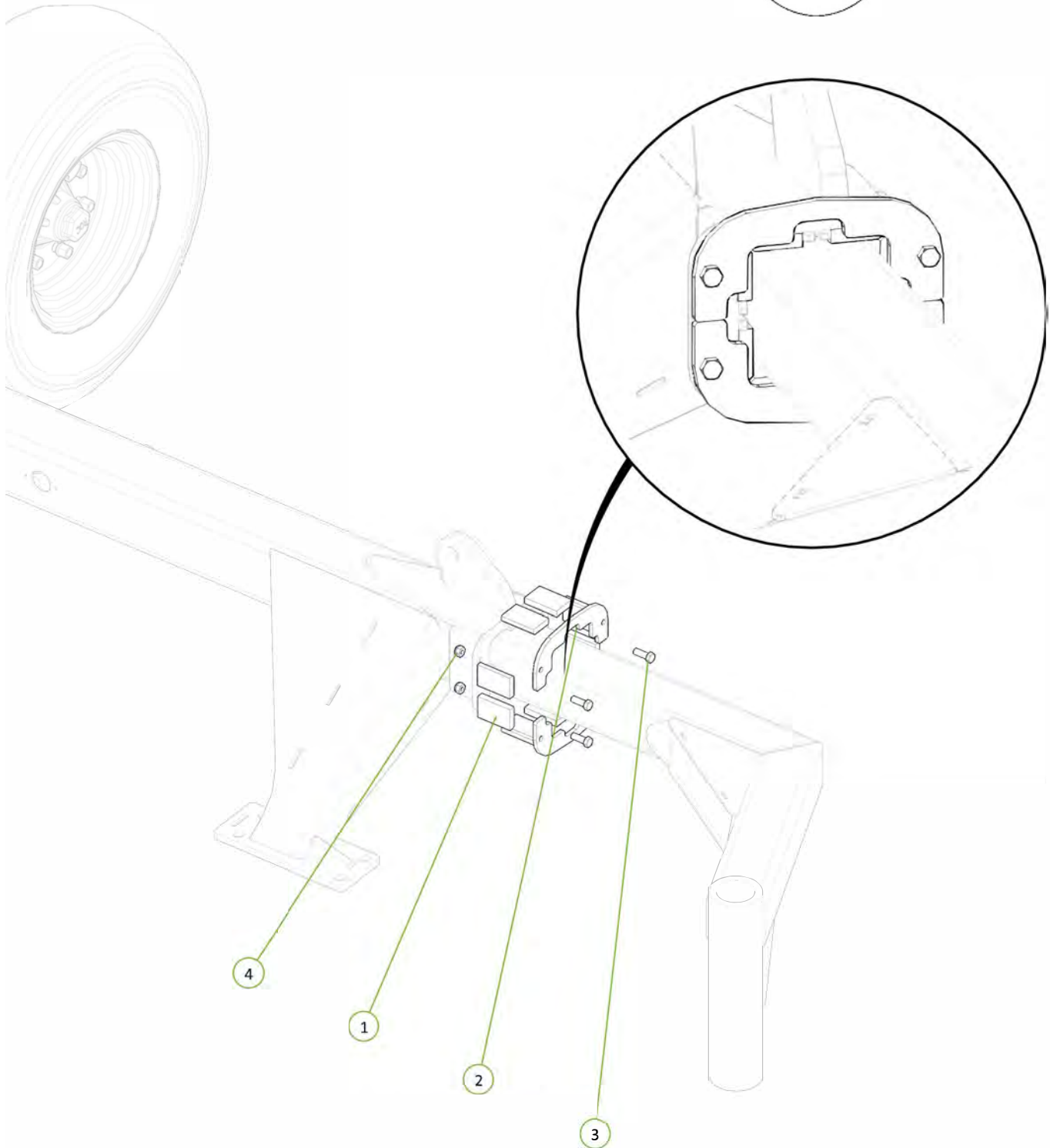
Item No.	Description	Qty	Number
1	2.5" Bore x 16" Stroke Hydraulic Cylinder	2	0311-2516
2	1" x 80mm Cylinder Pin	4	0313-N1
3	1" Cylinder Pin Clip	8	0313-N1C



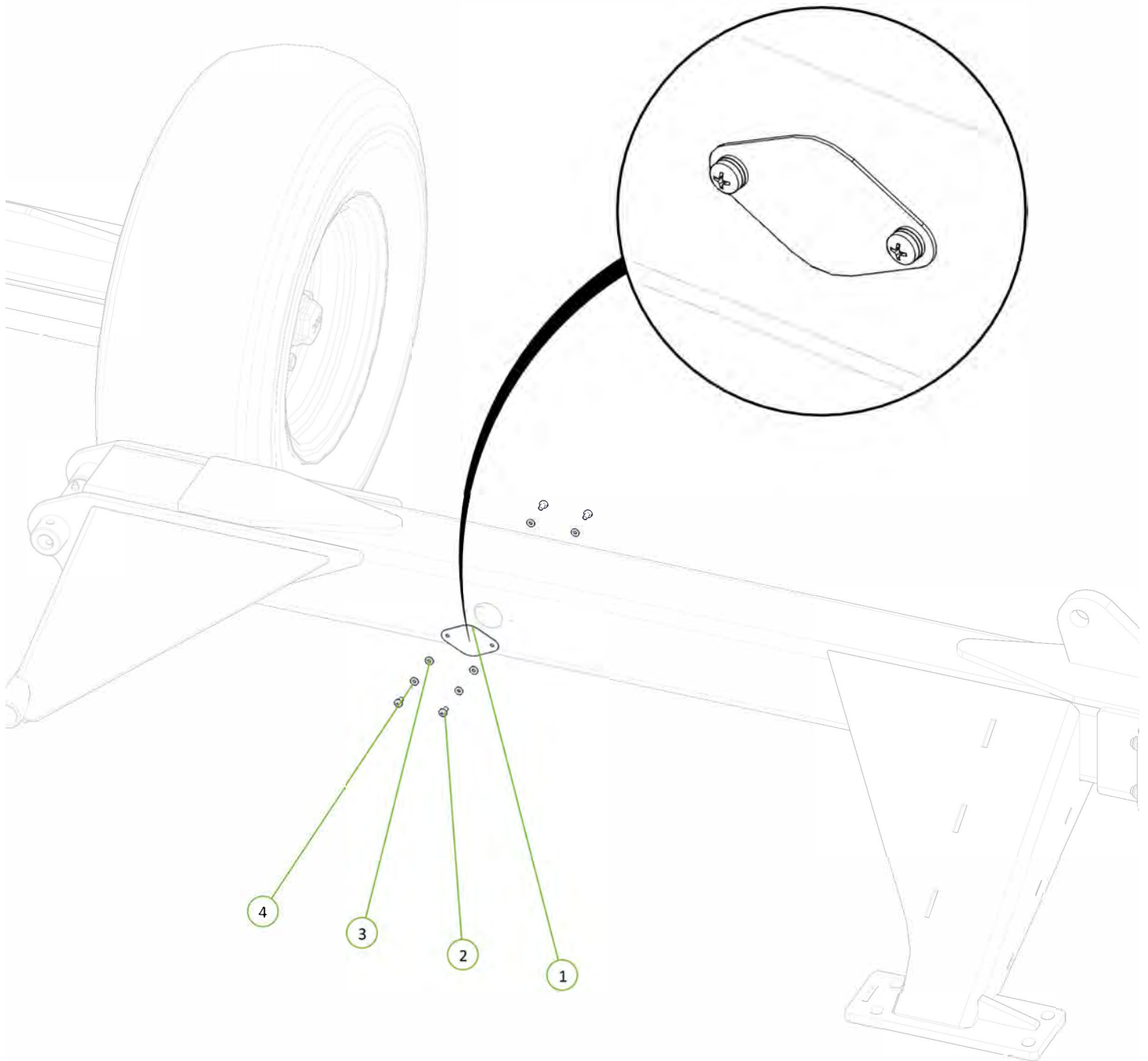
Item No.	Description	Qty	Number				
1	Inner Wing Frame	1	1520-04E				
2	Right Hand Outer Wing Frame	1	1520-06E				
3	2" Bore x 20" Stroke 1.75" Rod Single Acting Displacement Cylinder	1	0311-220SADC				
4	Inner Bearing Pad	8	1501-IBP				
5	TEK Phillips Wafer Head Metal Screw 10g x 16mm	40	0241-TEKWH16				
6	Wing Tension Pin	1	1501-25118	7	Circlip Internal 26mm	2	0171-26
7	Circlip Internal 26mm	2	0171-26				



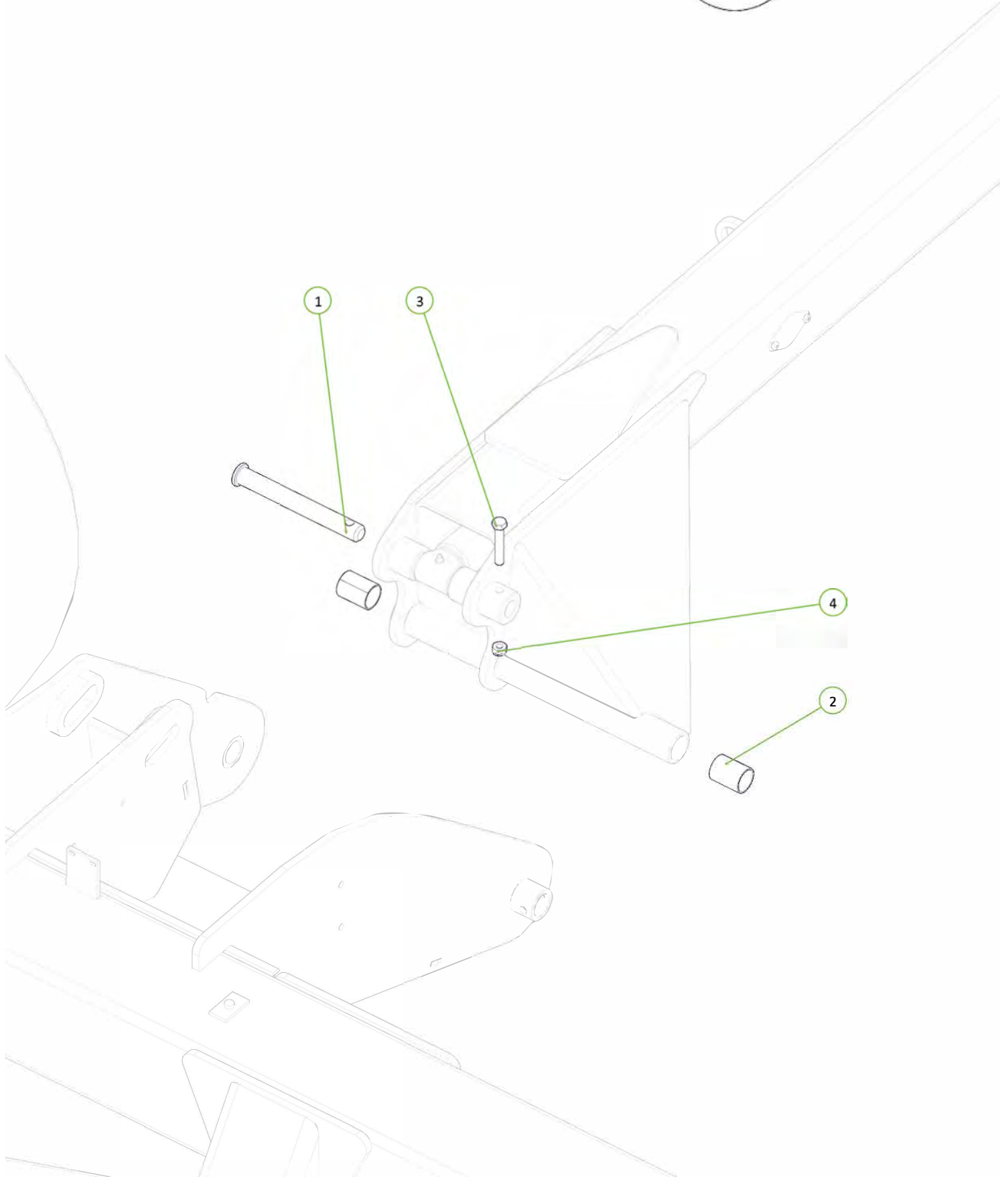
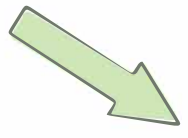
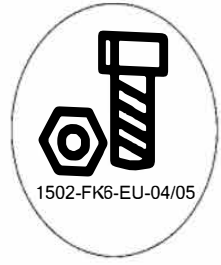
Item No.	Description	Qty	Number
1	Outer Bearing Pad	8	1501-OBP
2	Inner Wing Wear Pad Retainer	2	1500-289
3	M12 x 35 Grade 8.8 ZP Bolt	4	0211-1235
4	Nyloc Nut M12	4	0221-NYL12



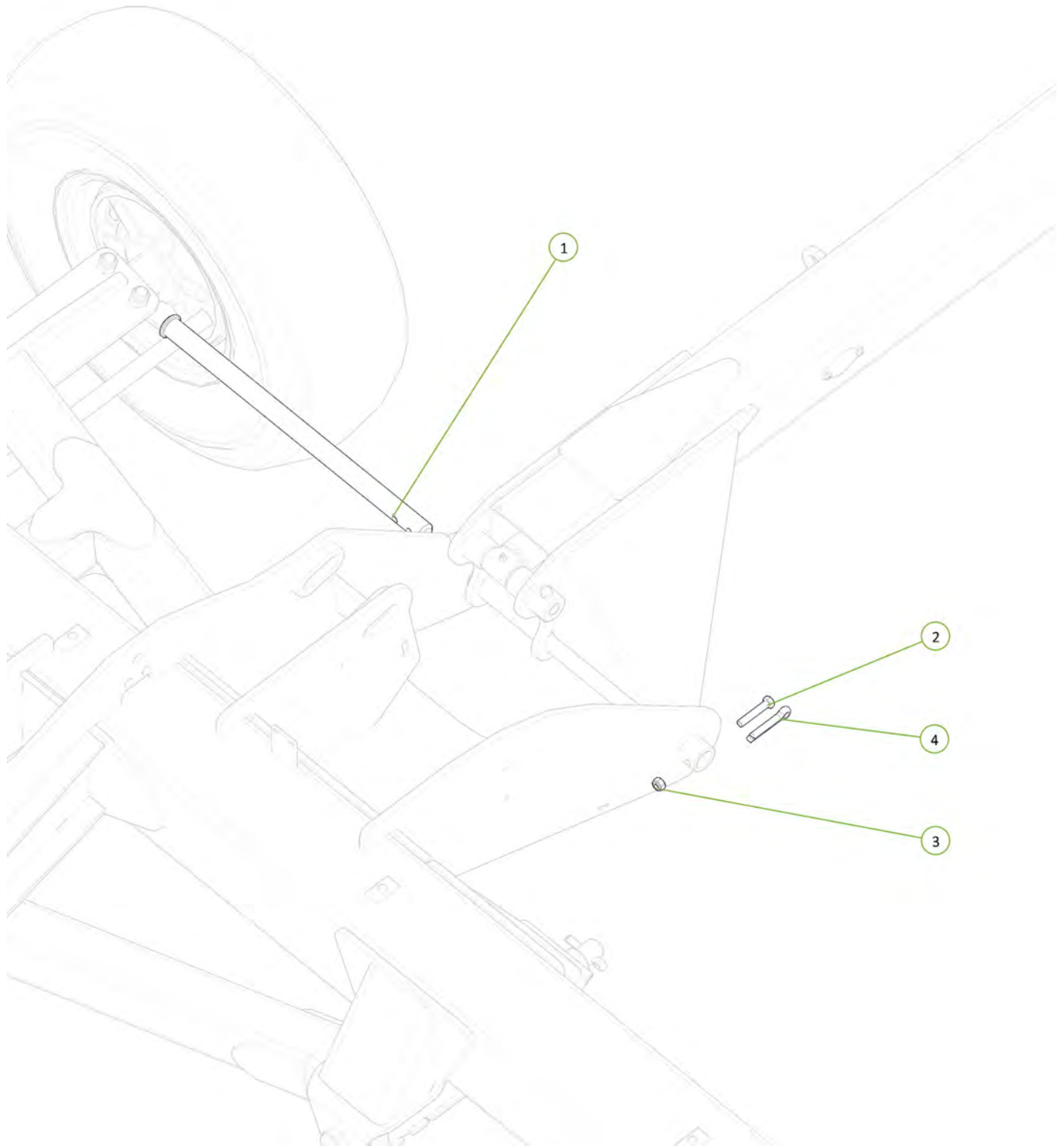
Item No.	Description	Qty	Number
1	Pin Access Cap	2	1500-300
2	M6 x 12mm Pan Pozi Trilobular T/F Screw Zinc	4	0211-M612-92064151
3	Washer Flat M6	4	0231-F6
4	Washer Spring M6	4	0231-S6



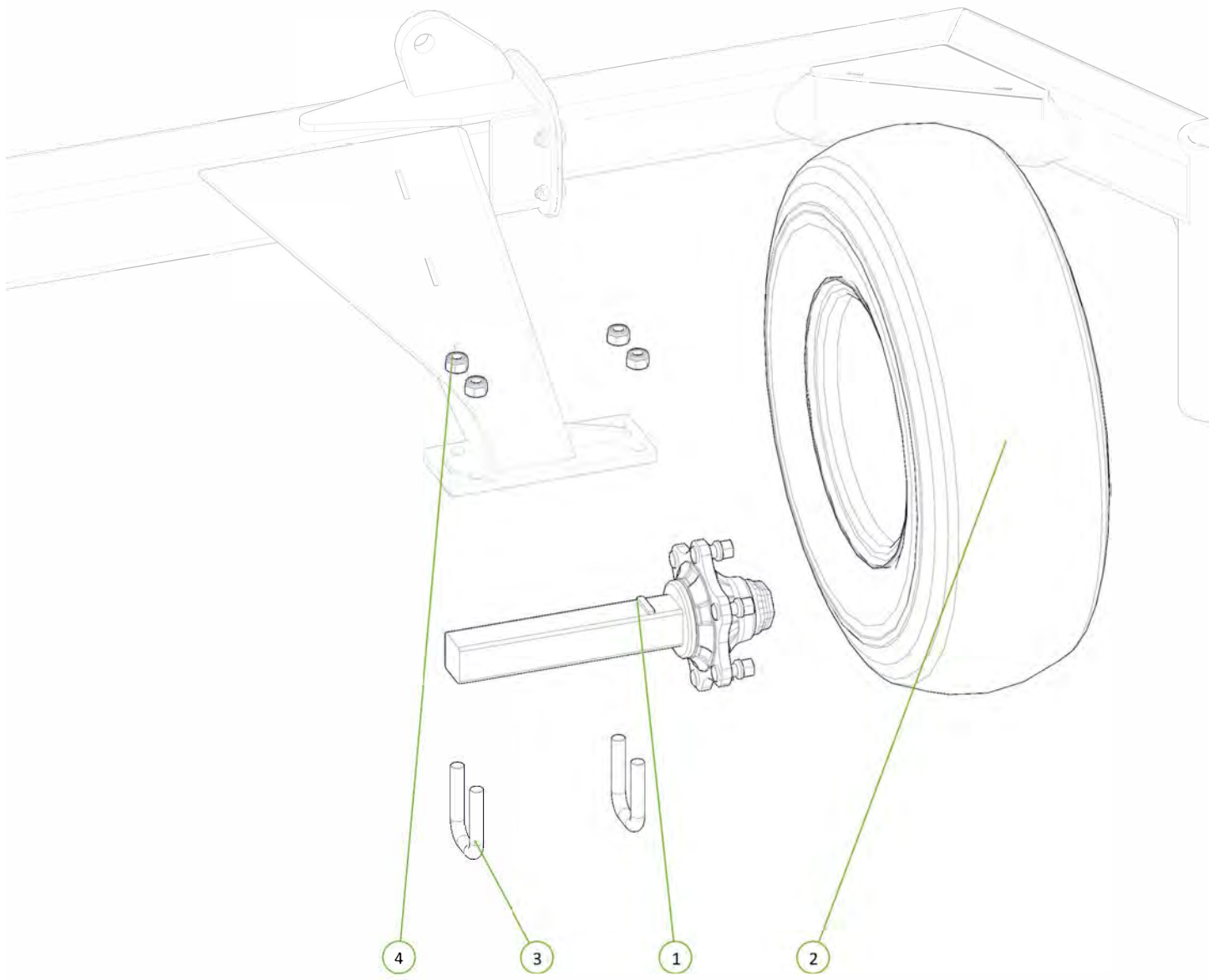
Item No.	Description	Qty	Number
1	Wing Tension Pin	1	1501-25214
2	35 ID x 50mm DX Bush	2	0113-3550DX
3	M12 x 70 Grade 8.8 ZP Bolt	1	0211-1270
4	Nyloc Nut M12	1	0221-NYL12



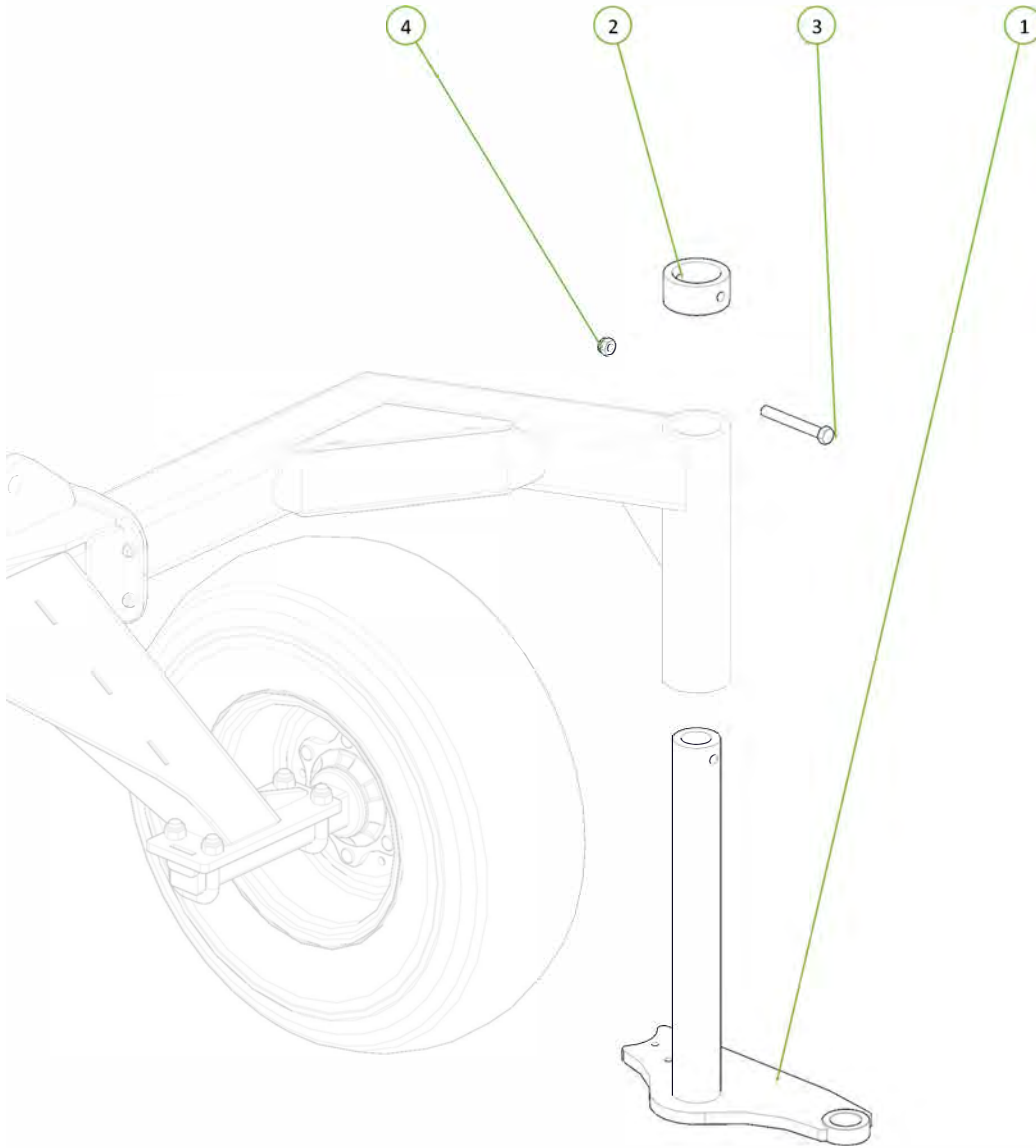
Item No.	Description	Qty	Number
1	Long Pivot Pin	1	1501-35615
2	M12 x 65 Grade 8.8 ZP Bolt	1	0211-1265
3	Nyloc Nut M12	1	0221-NYL12
4	Cotter Pin M13 x 63	1	0261-PINC1363



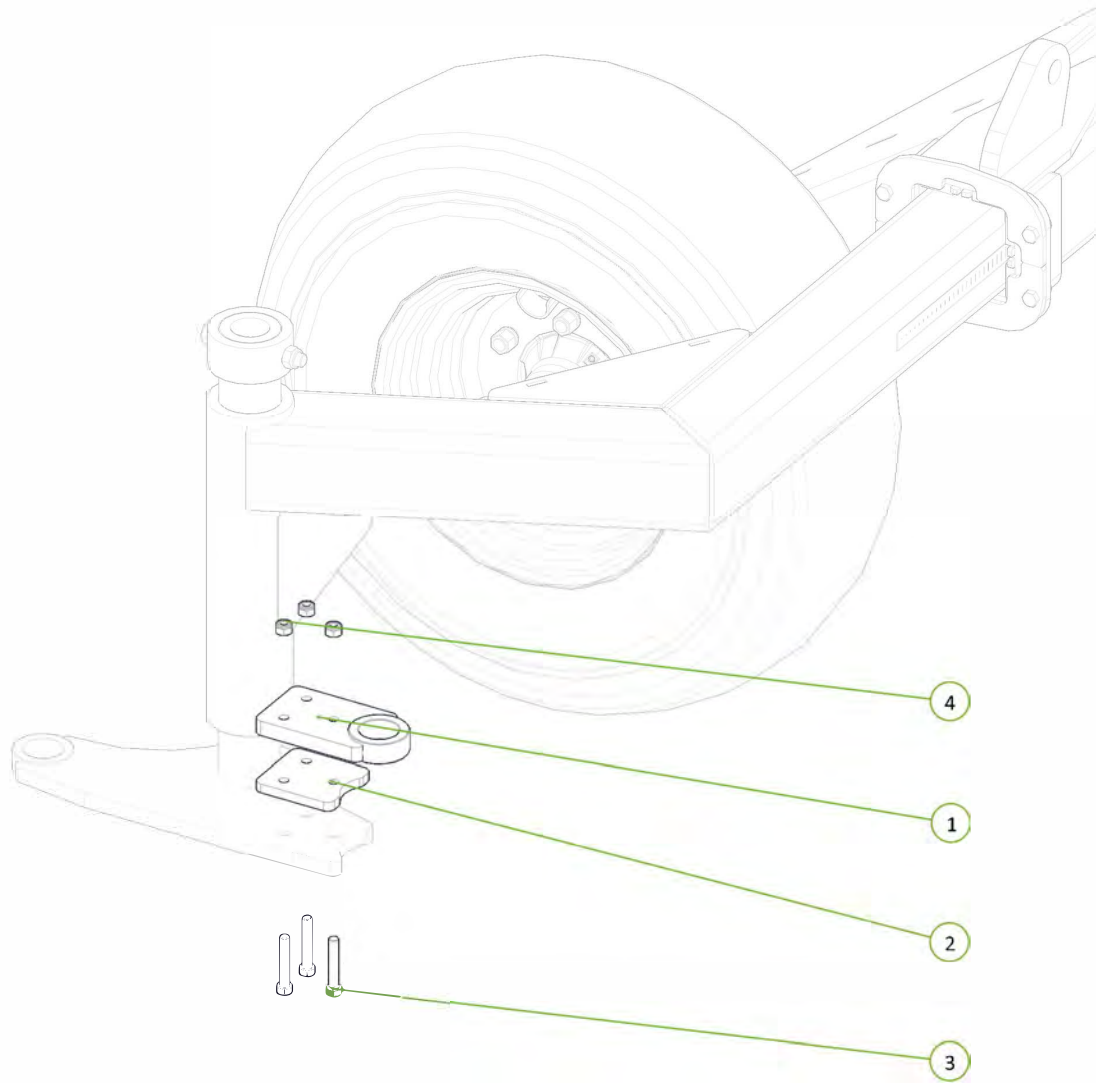
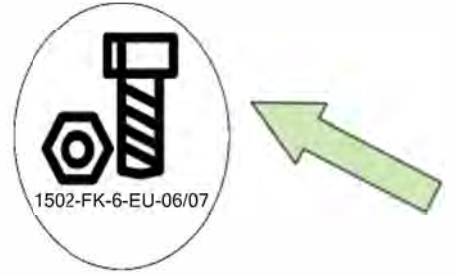
Item No.	Description	Qty	Number
1	Monroc 606XR Stub Axle (VAR)	1	0733-606XRVAR
2	11.5/80-15.3 Tyre on 6 on 205 Stud Rim	1	0751-11.5-80-15.3
3	U-Bolt M20 x 105 Deep x 62 Wide	2	0271-2010562
4	Nyloc Nut M20	4	0221-NYL20



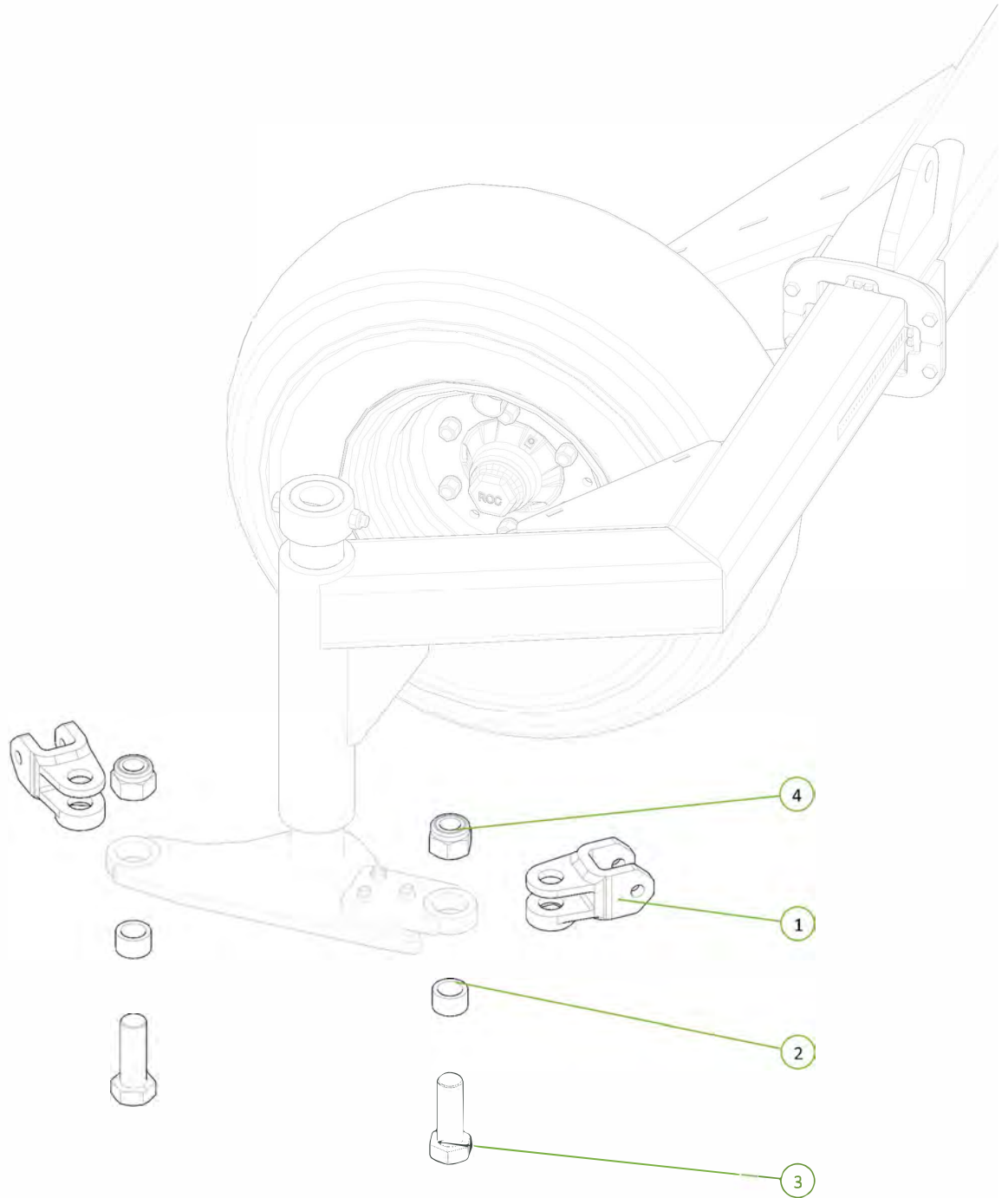
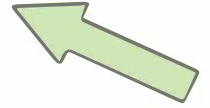
Item No.	Description	Qty	Number
1	Left Hand Drop Leg	1	1510-25
2	Drop Leg Retaining Bush	1	1501-26
3	M16 x 130 Grade 8.8 ZP Bolt	1	0211-16130
4	Nyloc Nut M16	1	0221-NYL16



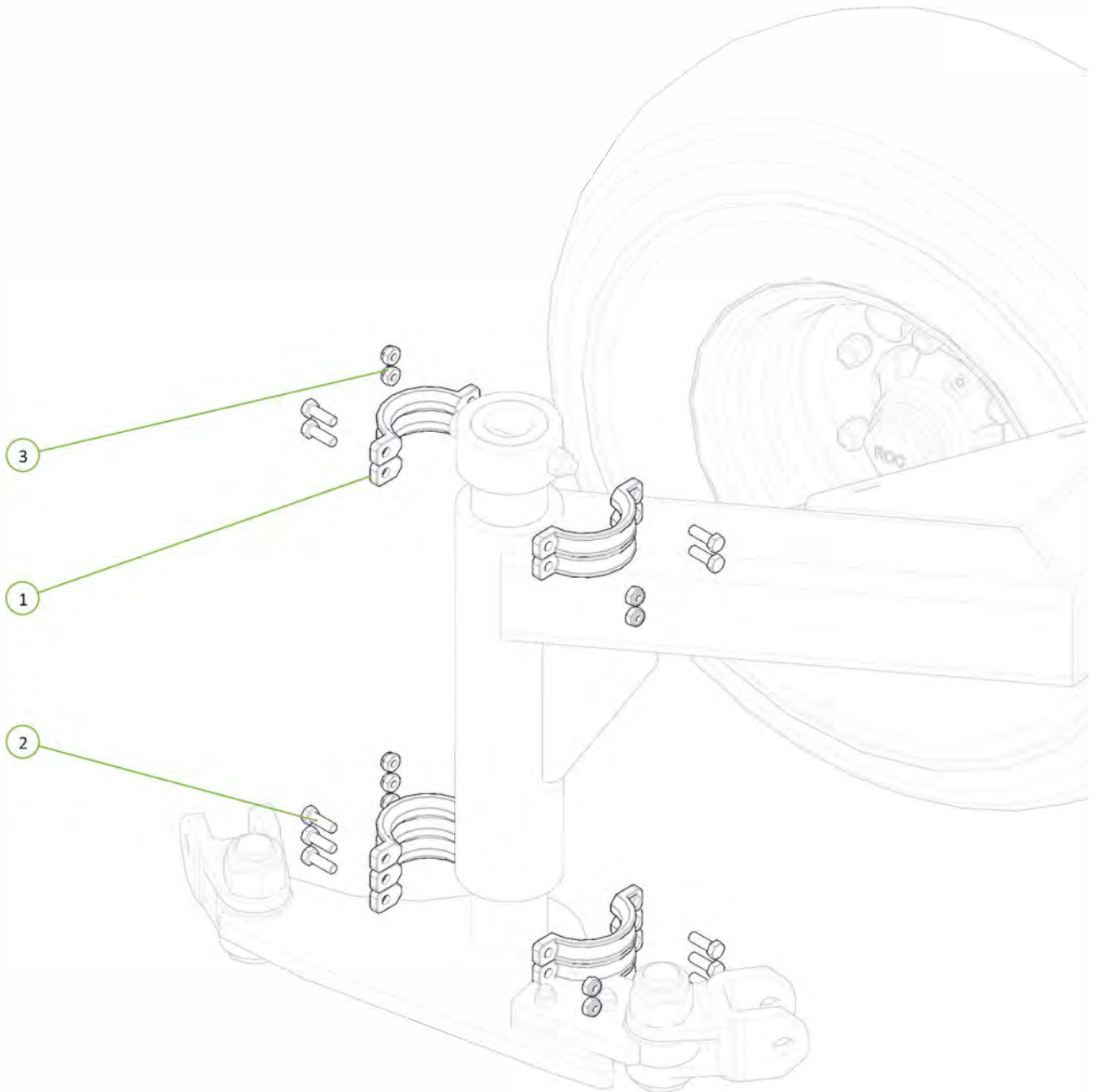
Item No.	Description	Qty	Number
1	Drop Leg Bush Housing	1	1510-23
2	Drop Leg Spacer Plate	1	1500-095
3	M12 x 70 Grade 8.8 ZP	3	0211-1270
4	Bolt Nyloc Nut M12	3	0221-NYL12



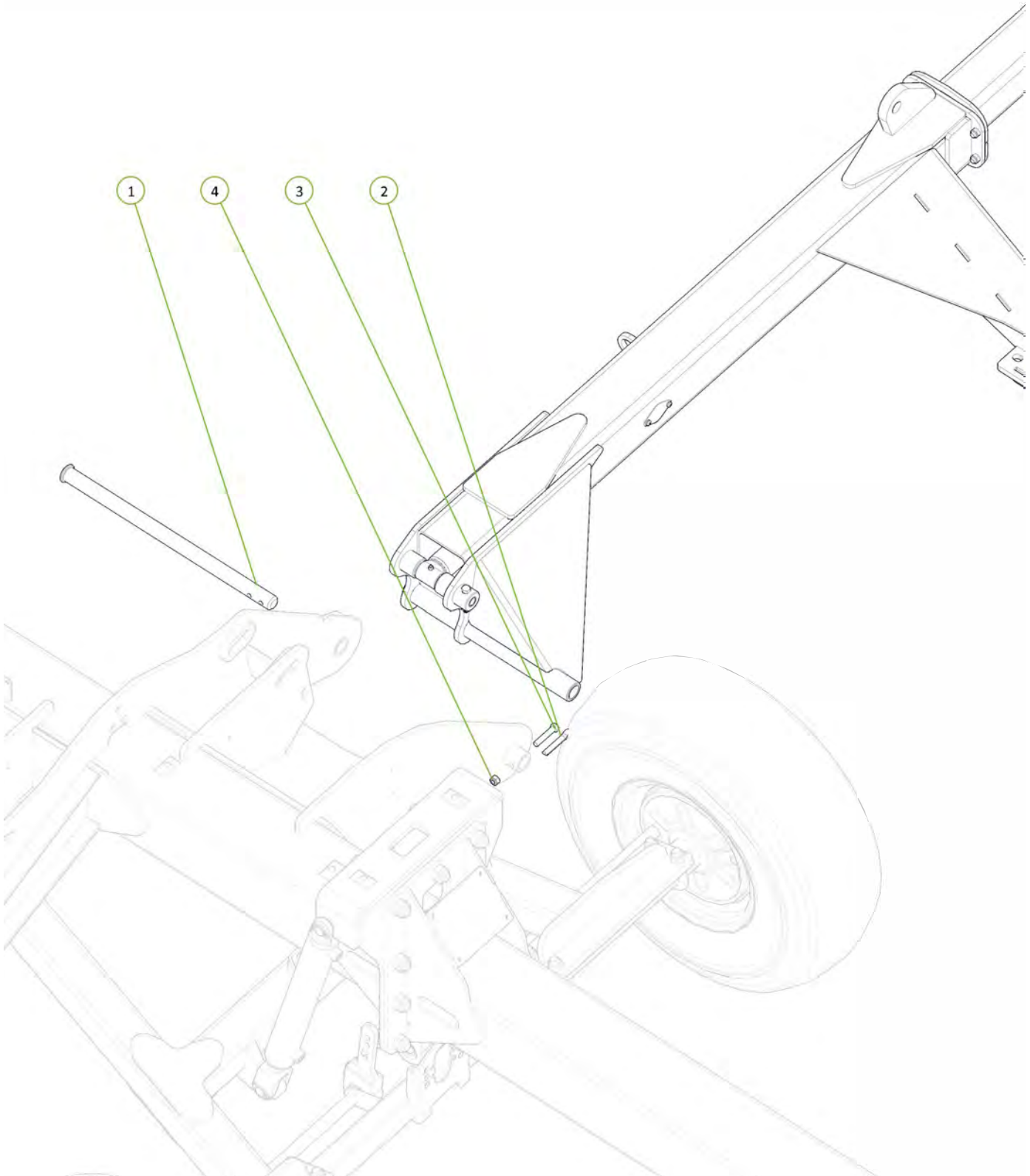
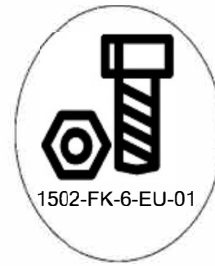
Item No.	Description	Qty	Number
1	Forged Clevis 21mm Bolt Hole	2	0801-FC21
2	Wear Bush	2	1501-365033-SS
3	M36 x 105 Grade 8.8 ZP Bolt	2	0211-36105
4	Nyloc Nut M36	2	0221-NYL36



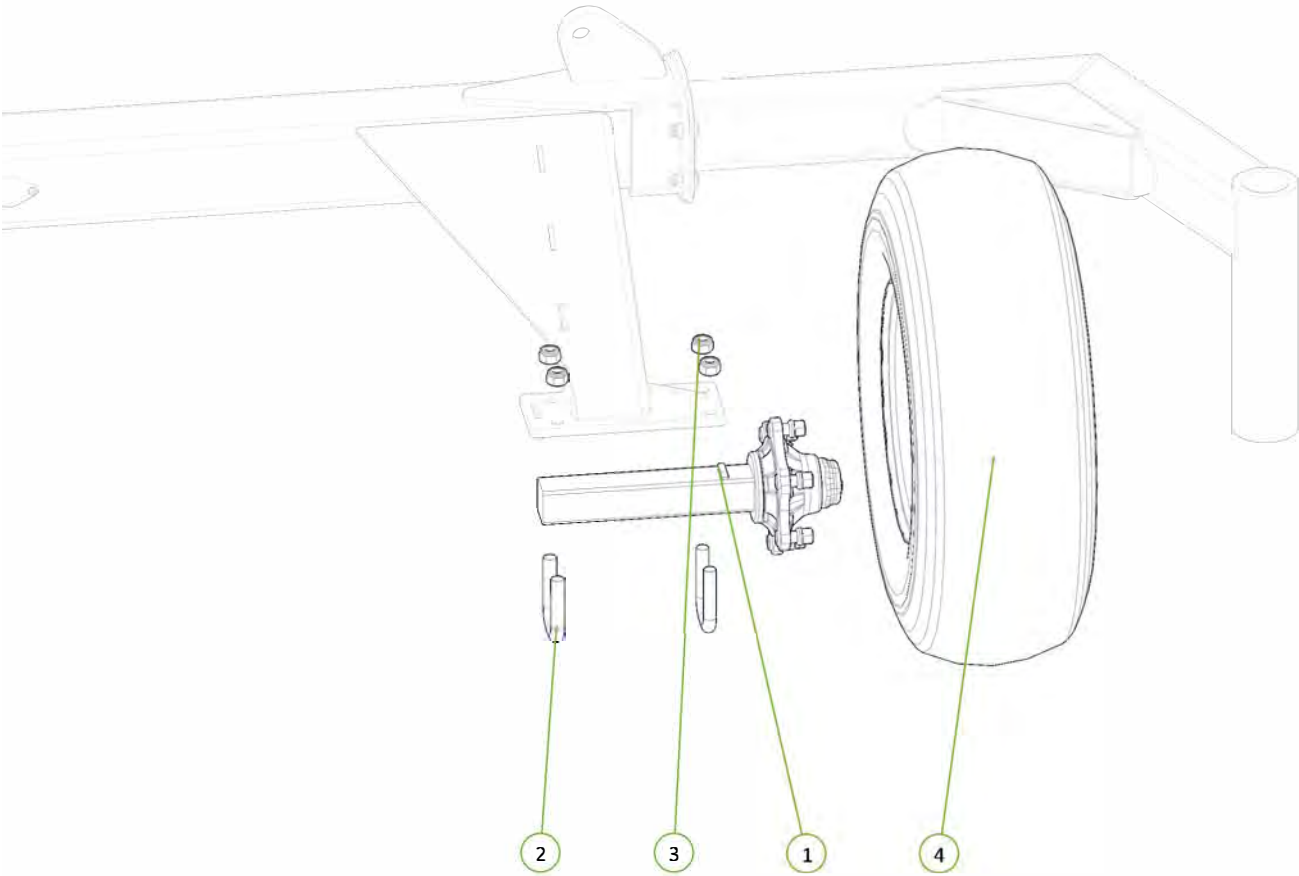
Item No.	Description	Qty	Number
1	Cast Spacer 25mm	10	0801-CS25
2	M10 x 30 Grade 8.8 ZP Bolt	10	0211-1030
3	Nyloc Nut M10	10	0221-NYL10



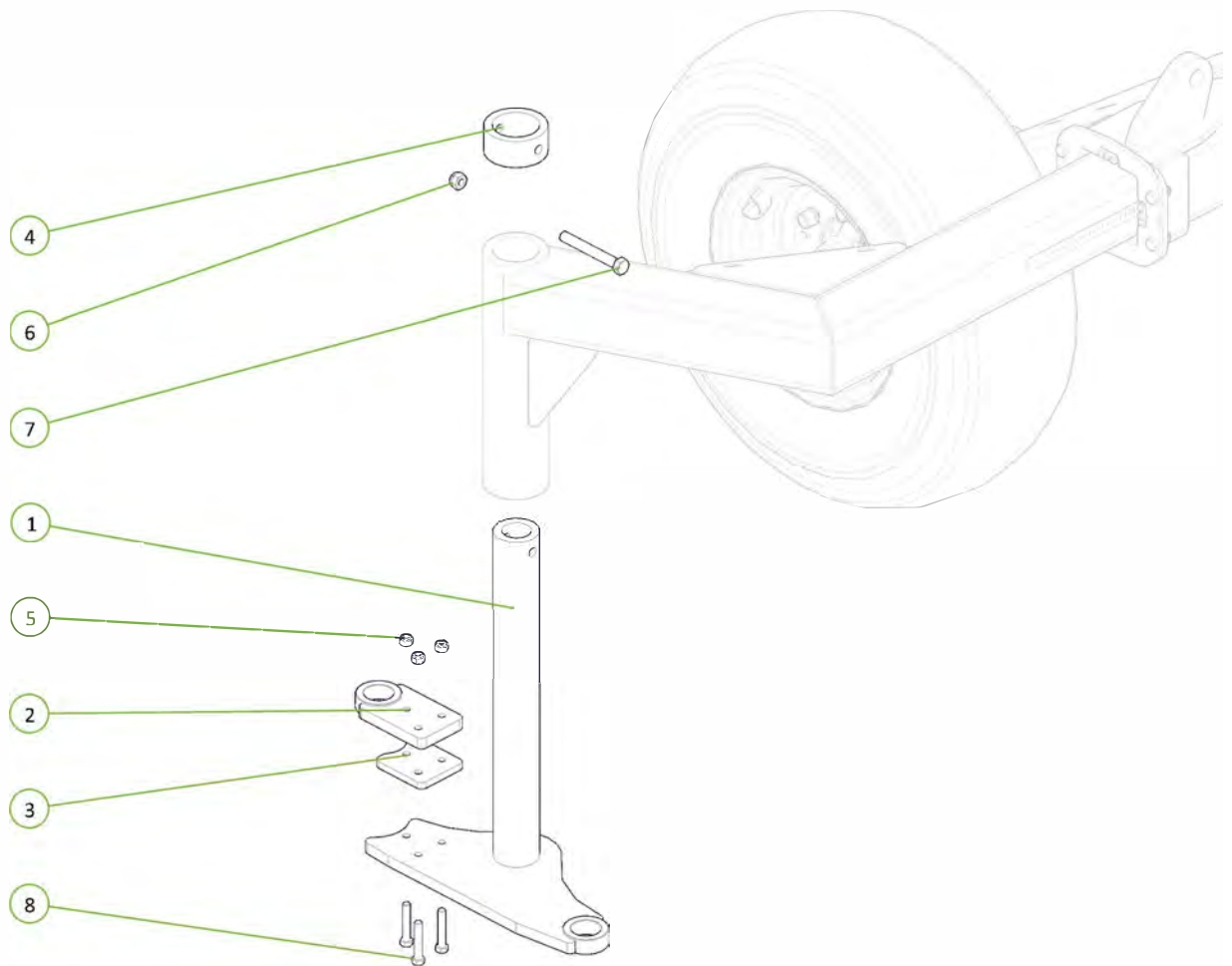
Item No.	Description	Qty	Number
1	Long Pivot Pin	1	1501-35615
2	Cotter Pin M13 x 63	1	0261-PINC1363
3	M12 x 65 Grade 8.8 ZP Bolt	1	0211-1265
4	Nyloc Nut M12	1	0221-NYL12



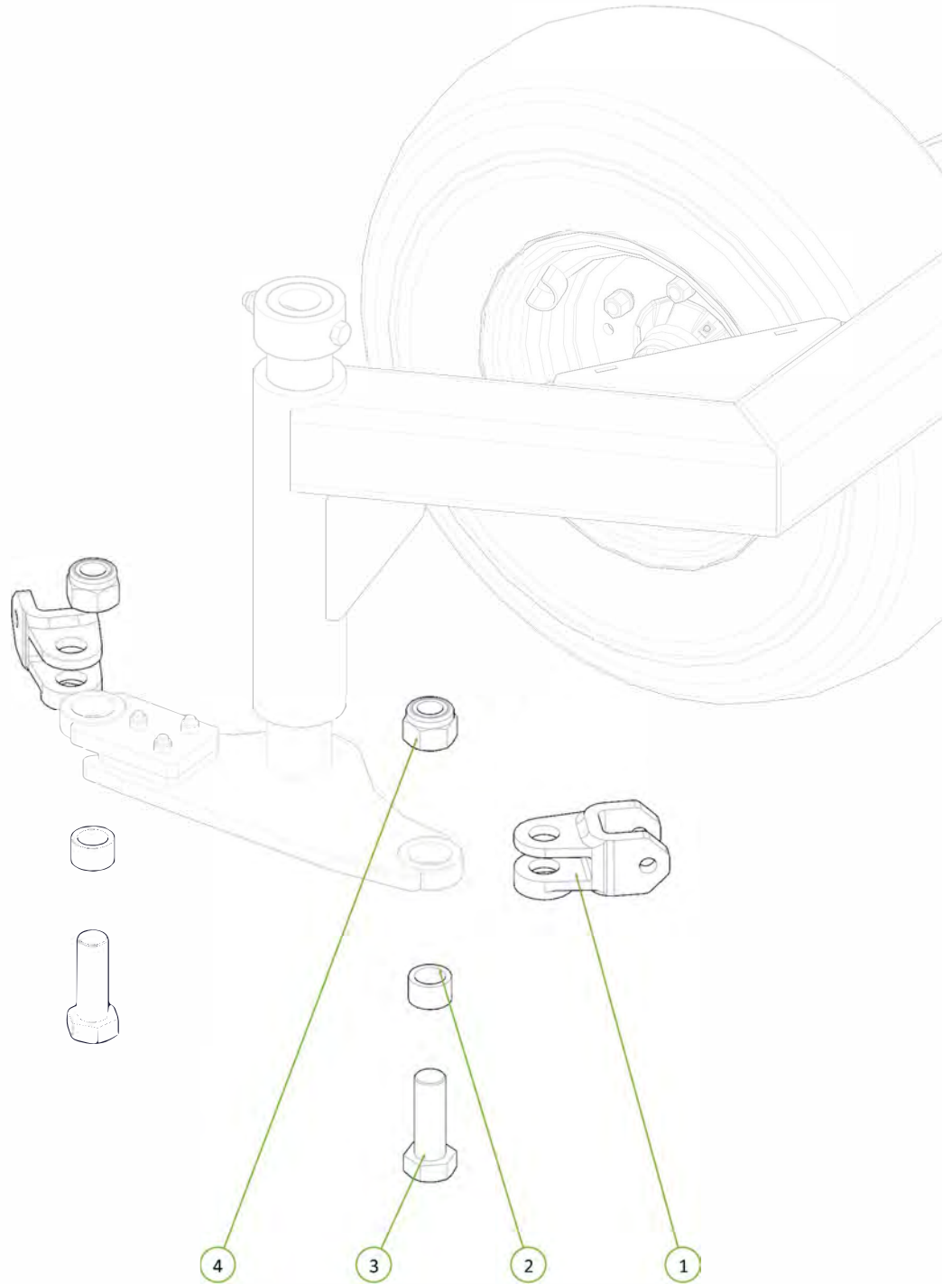
Item No.	Description	Qty	Number
1	Monroc 606XR Stub Axle (VAR)	1	0733-606XRVAR
2	U-Bolt M20 x 105 Deep x 62 Wide	2	0271-2010562
3	Nyloc Nut M20	4	0221-NYL20
4	11.5/80-15.3 Tyre on 6 on 205 Stud Rim	1	0751-11.5-80-15.3



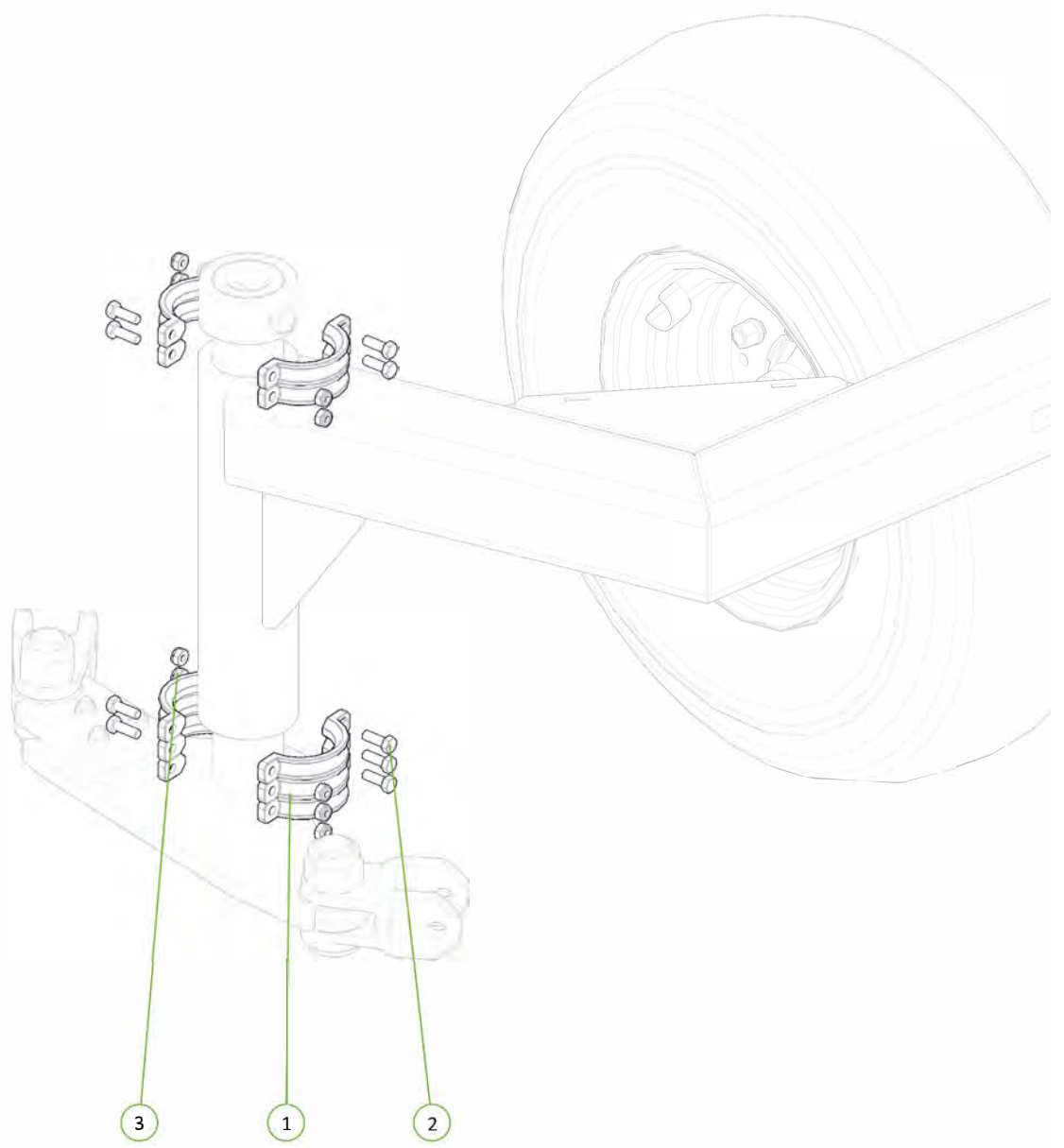
Item No.	Description	Qty	Number
1	Right Hand Drop Leg	1	1510-24
2	Drop Leg Bush Housing	1	1510-23
3	Drop Leg Spacer Plate	1	1500-095
4	Drop Leg Retaining Bush	1	1501-26
5	Nyloc Nut M12	3	0221-NYL12
6	Nyloc Nut M16	1	0221-NYL16
7	M16 x 130 Grade 8.8 ZP Bolt	1	0211-16130
8	M12 x 70 Grade 8.8 ZP Bolt	3	0211-1270



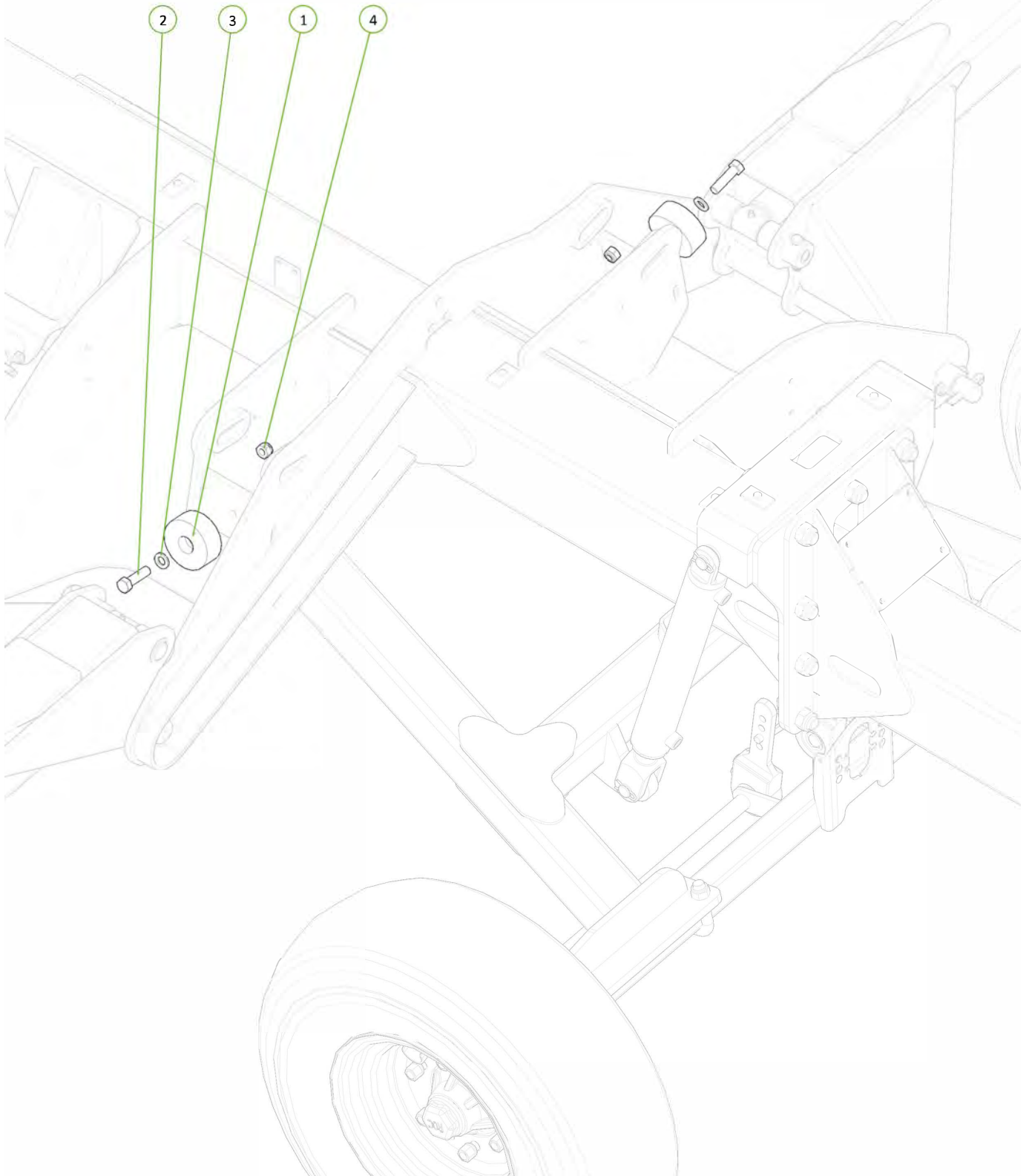
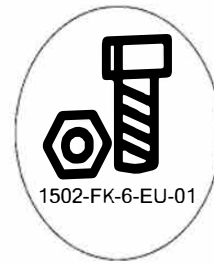
Item No.	Description	Qty	Number
1	Forged Clevis 21mm Bolt Hole	2	0801-FC21
2	Wear Bush	2	1501-365033-SS
3	M36 x 105 Grade 8.8 ZP Bolt	2	0211-36105
4	Nyloc Nut M36	2	0221-NYL36



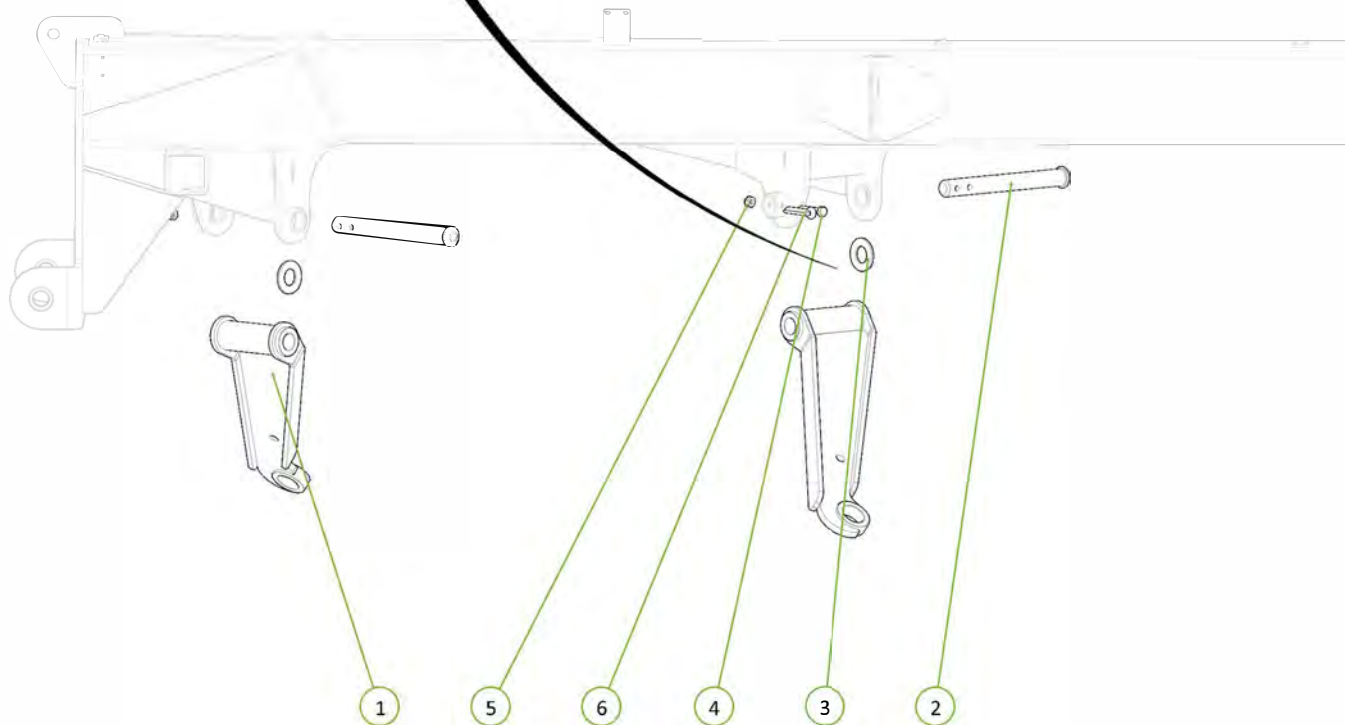
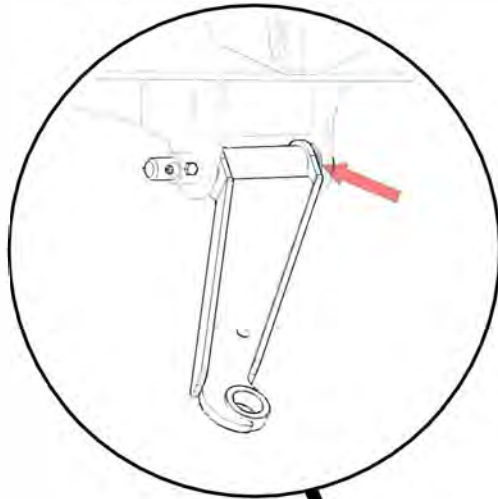
Item No.	Description	Qty	Number
1	Cast Spacer 25mm	10	0801-CS25
2	M10 x 30 Grade 8.8 ZP Bolt	10	0211-1030
3	Nyloc Nut M10	10	0221-NYL10



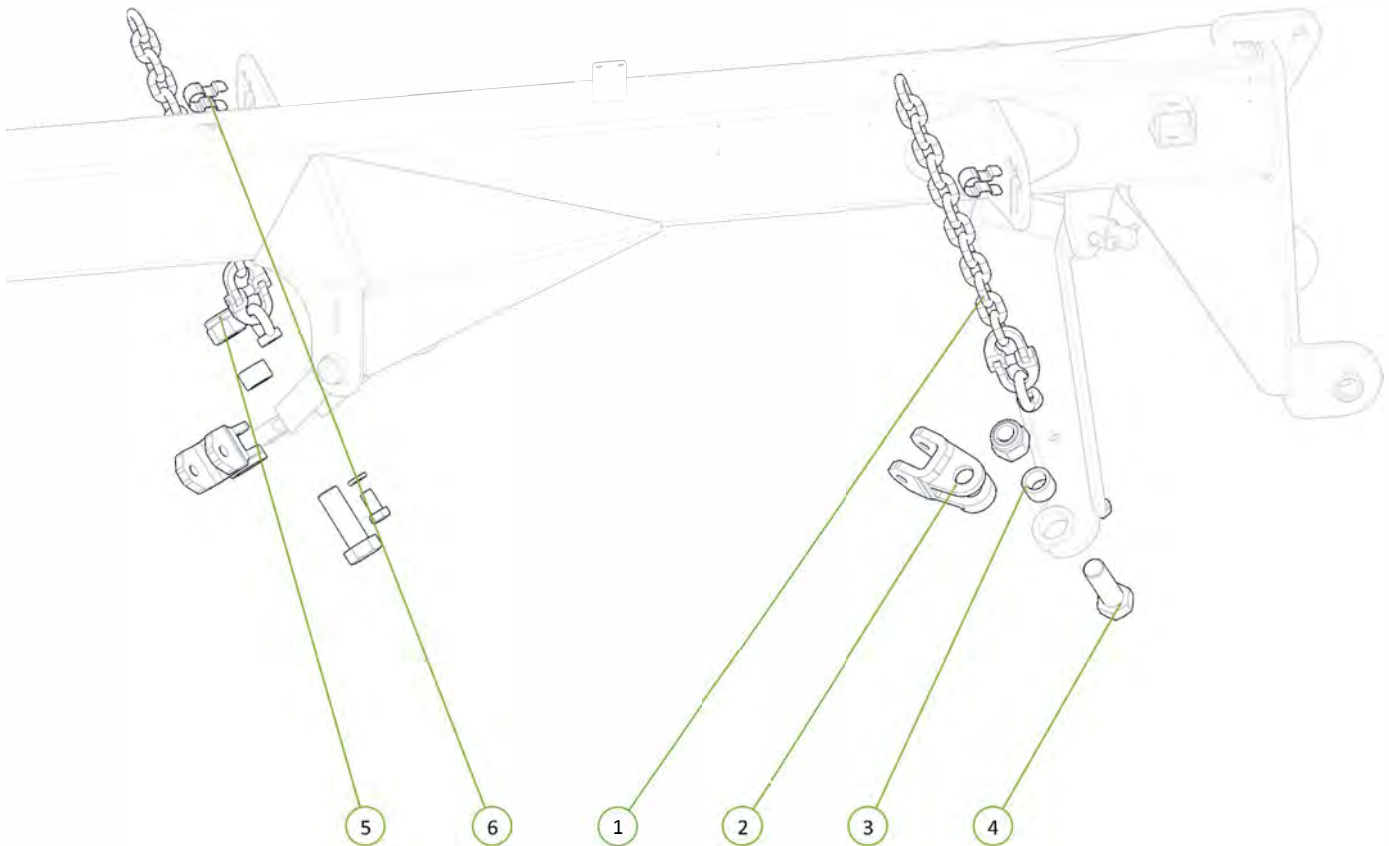
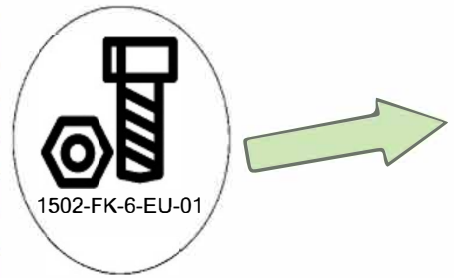
Item No.	Description	Qty	Number
1	Wing Folding Buffer	2	1201-12
2	M16 x 60 Grade 8.8 ZP Bolt	2	0211-1660
3	Washer Flat M16	2	0231-F16
4	Nyloc Nut M16	2	0221-NYL16



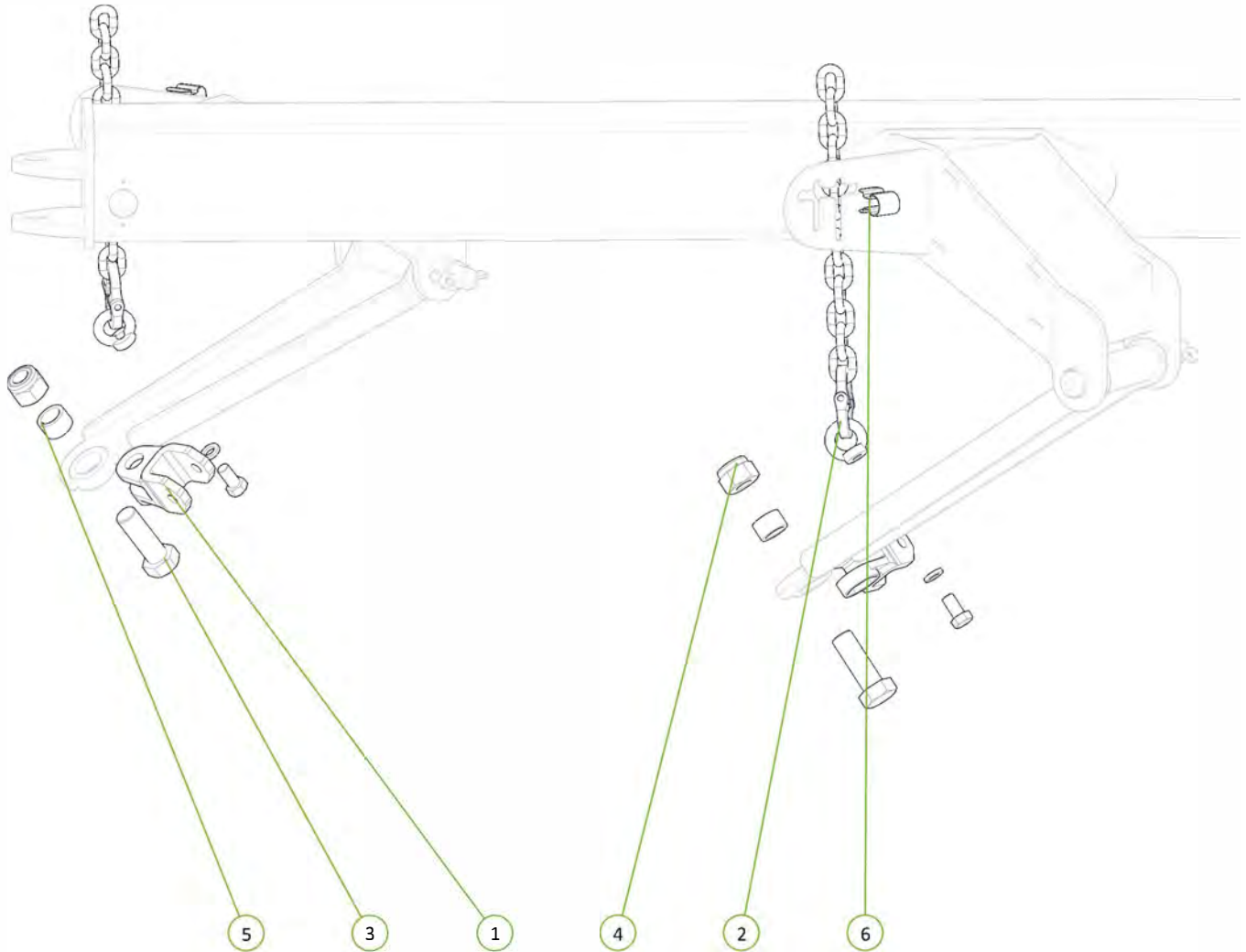
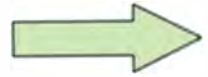
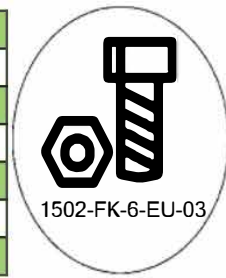
Item No.	Description	Qty	Number
1	Chain Mount Plate	2	1510-20
2	Short Pivot pin	2	1501-35330
3	Washer High Tensile 1 3/8"	2	0232-HT13/8
4	M12 x 65 Grade 8.8 ZP Bolt	2	0211-1265
5	Nyloc Nut M12	2	0221-NYL12
6	Cotter Pin M13 x 63	2	0261-PINC1363



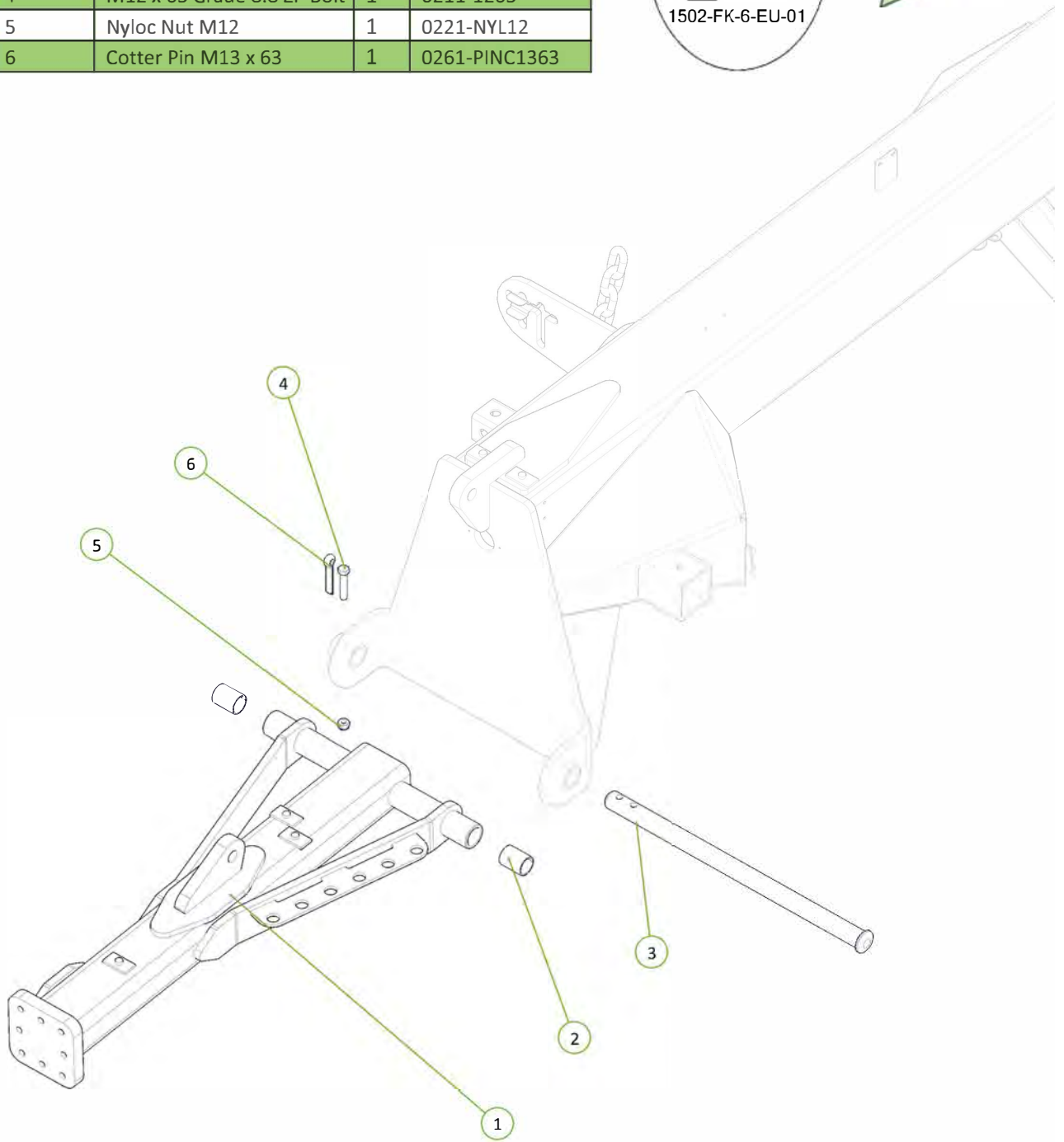
Item No.	Description	Qty	Number
1	Height Adjusting Chain Assembly 13 Link	2	0801-20MCA
2	Forged Clevis 21mm Bolt Hole	2	0801-FC21
3	Wear Bush	2	1501-365033-SS
4	M36 x 105 Grade 8.8 ZP Bolt	2	0211-36105
5	Nyloc Nut M36	2	0221-NYL36
6	Height Adjustor Retaining Clip	2	0801-KE014



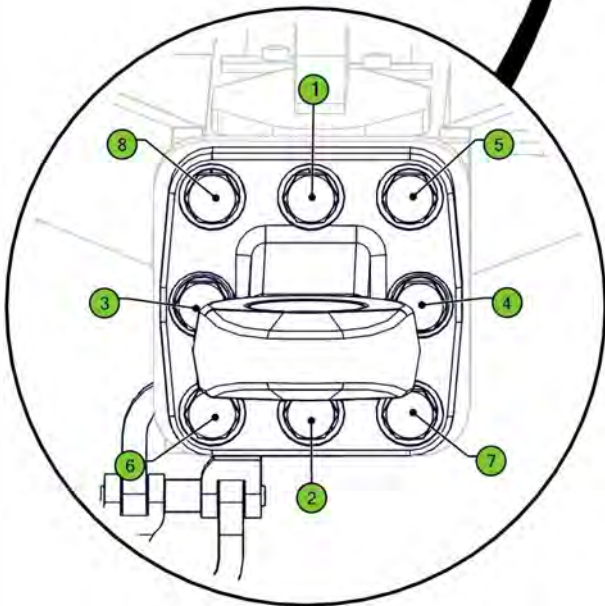
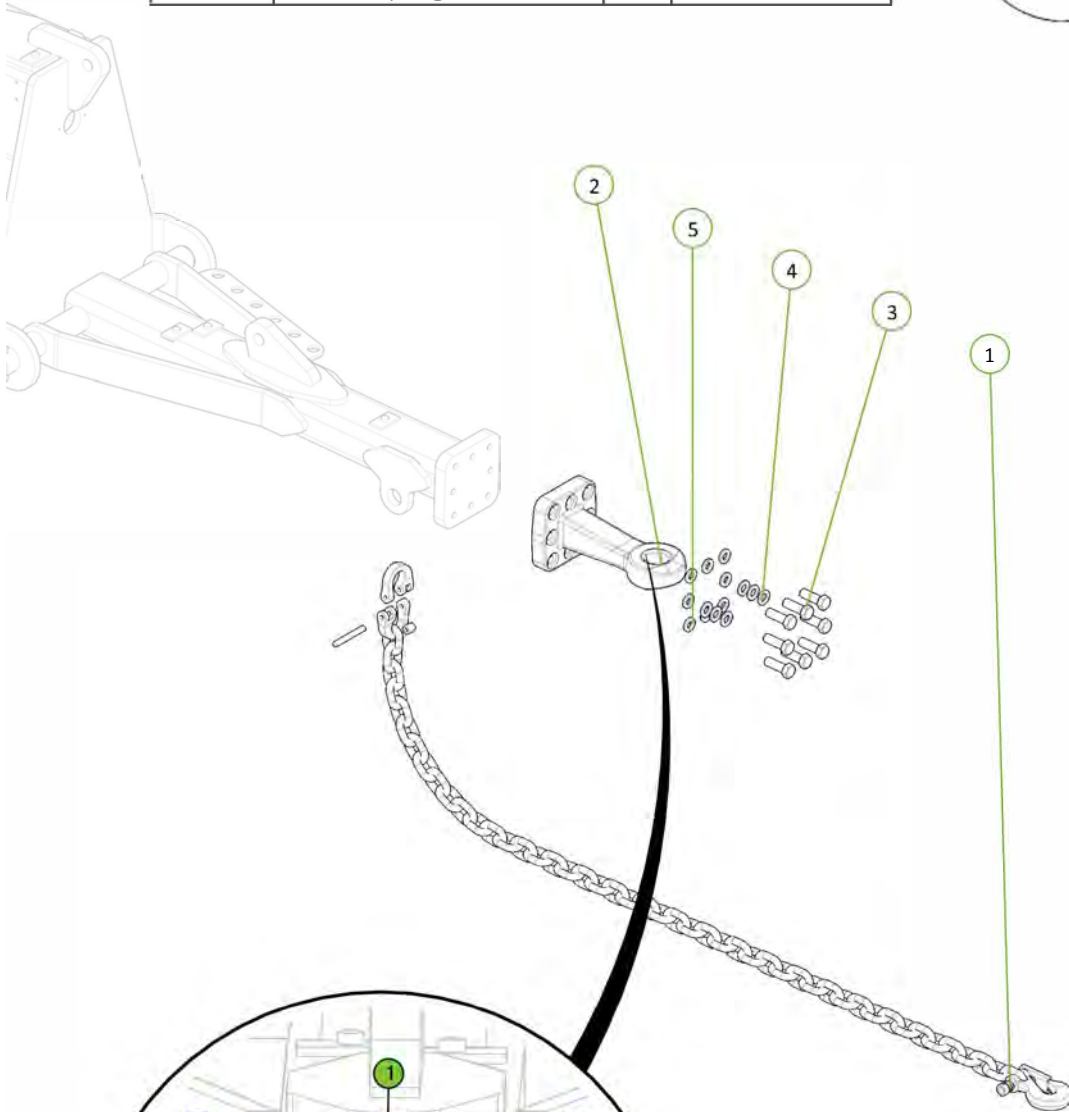
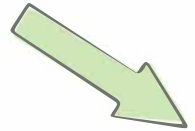
Item No.	Description	Qty	Number
1	Forged Clevis 21mm Bolt Hole	2	0801-FC21
2	Height Adjusting Chain Assembly 13 Link	2	0801-20MCA
3	M36 x 105 Grade 8.8 ZP Bolt	2	0211-36105
4	Nyloc Nut M36	2	0221-NYL36
5	Wear Bush	2	1501-365033-SS
6	Height Adjustor Retaining Clip	2	0801-KE014






Item No.	Description	Qty	Number
1	Drawbar	1	1520-08
2	35 ID x 50mm DU Bush	2	0113-3550DU
3	Long Pivot Pin	1	1501-35615
4	M12 x 65 Grade 8.8 ZP Bolt	1	0211-1265
5	Nyloc Nut M12	1	0221-NYL12
6	Cotter Pin M13 x 63	1	0261-PINC1363



Item No.	Description	Qty	Number
1	Safety Chain Assembly	1	0810-16
2	50mm Flanged Drawbar Eye	1	1501-RCBD50MM
3	M16 x 50 Grade 10.9 ZP Bolt	8	0211-1650HT
4	Washer Flat M16	6	0231-F16
5	Washer Spring M16	8	0231-S16



220-260 Nm

<p>0801-00-652-151-1A02 Flange Eyelet CAT 2 110 x 100 Scharmüller</p>	<p>Flange Hole Pattern (mm): 110x100 Connection: Ball Joint Towing Eye Cat. 2 DØ33mm Thread: M16 Hole Pattern Holes: 8 Working Length (mm): 173 Max. Permissible D-Value (kN): 89,3 Max. Permissible Vertical Load (kg): 3000</p>	
<p>0801-00.652.24.0-A90 Flange Eyelet CAT 2 110 x 100 Scharmüller</p>	<p>Flange Hole Pattern (mm): 110x100 Connection: Standard Towing Eye DØ40mm (42mm thick) Thread: M16 Hole Pattern Holes: 6 Working Length (mm): 240 Max. Permissible D-Value (kN): 89,3 Max. Permissible Vertical Load (kg): 2500</p>	
<p>1510-46A 2 Point Hitch Cat 3</p>	<p>Flange Hole Pattern (mm): 110x100 Connection: Thread: M16 Hole Pattern Holes: 8 Working Length (mm): 276</p>	

0801-00-652-151-1A02 Flange Eyelet CAT 2 110 x 100 Scharmüller



0801-00.652.24.0-A90 Flange Eyelet CAT 2 110 x 100 Scharmüller

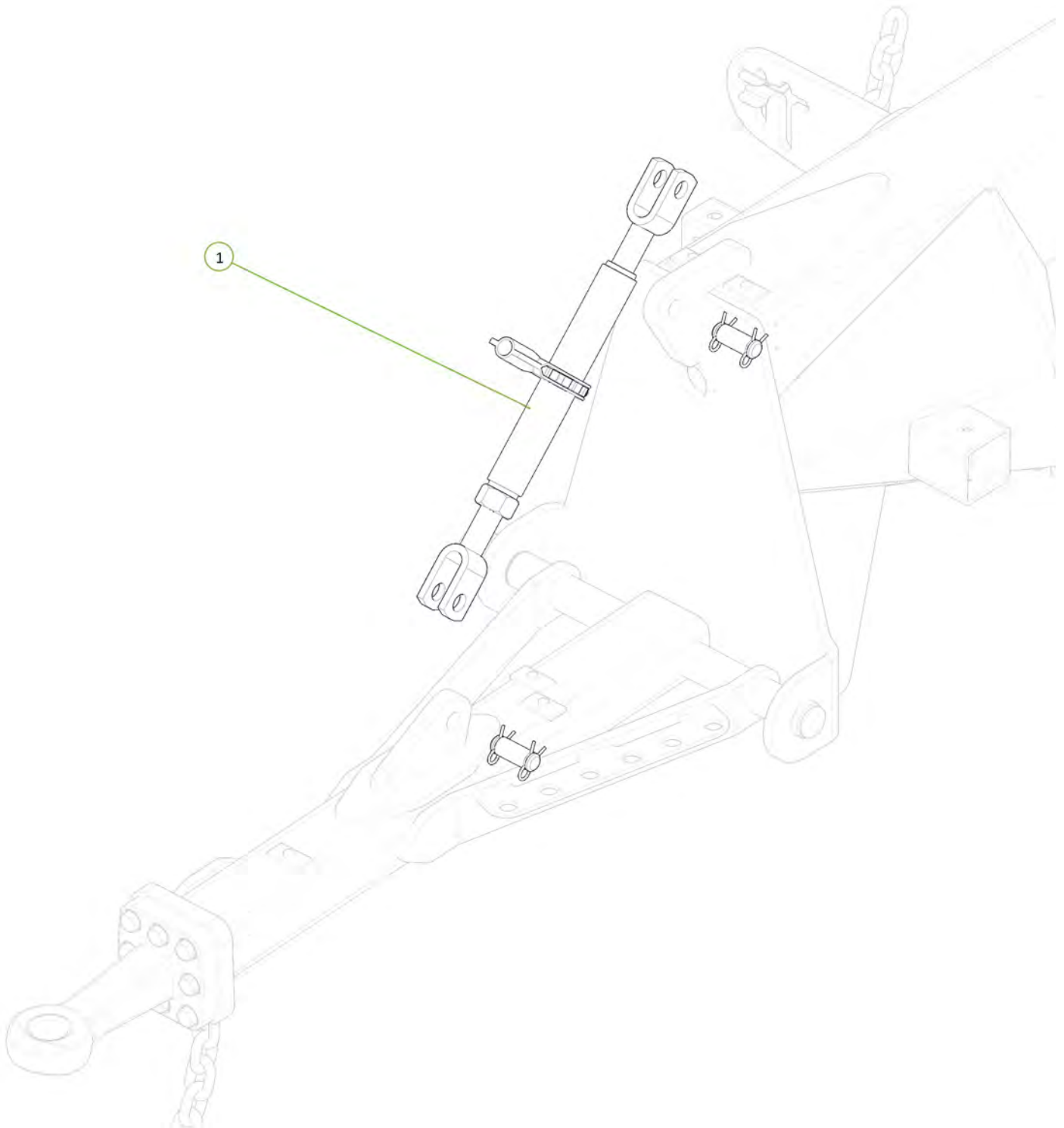
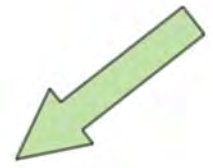


Hitch is fastened as per manufacturer specifications

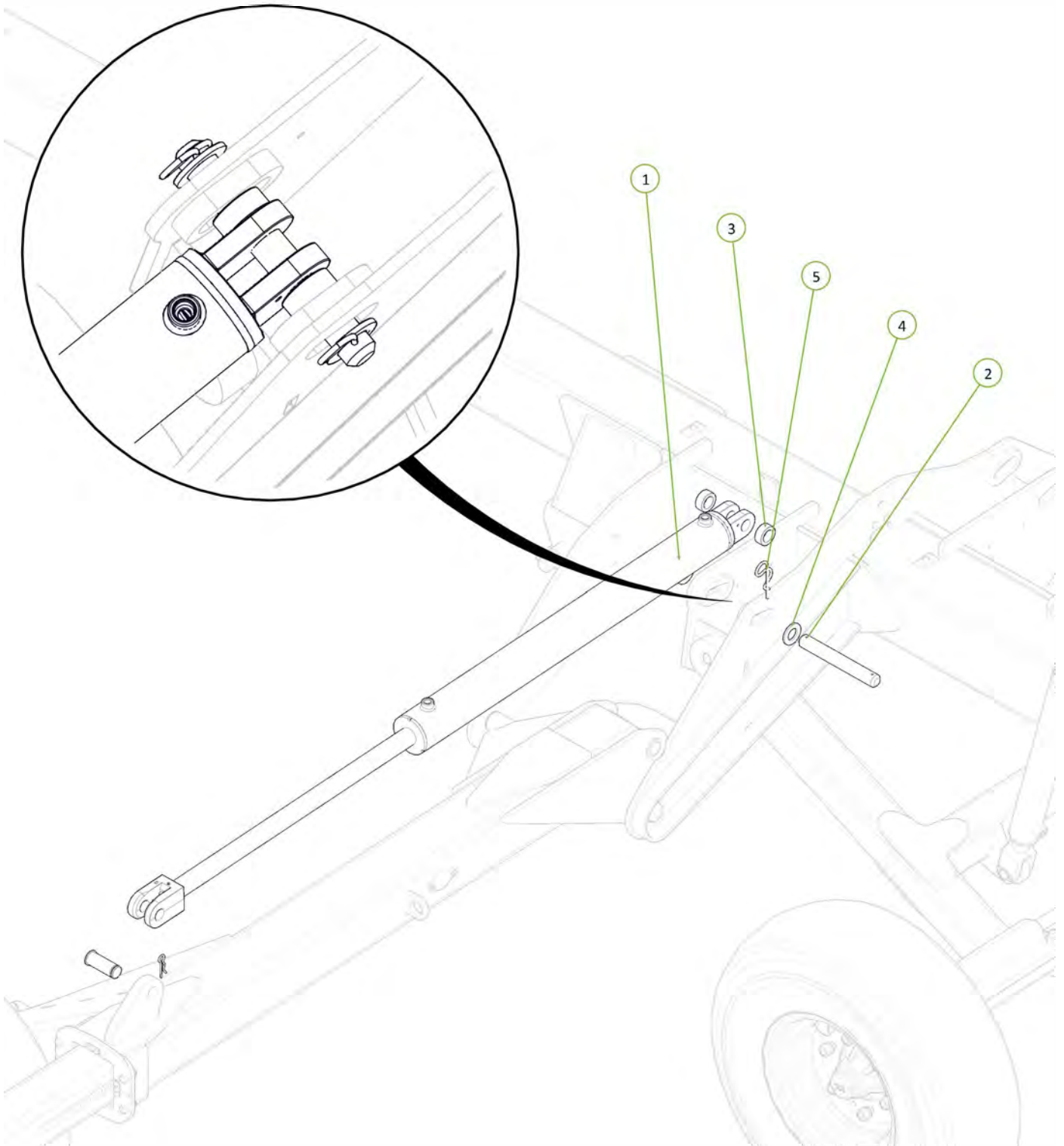
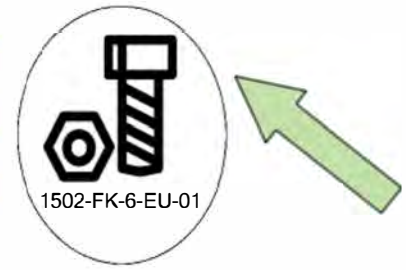


Signed _____ Date __/__/__
Unit Serial Number _____

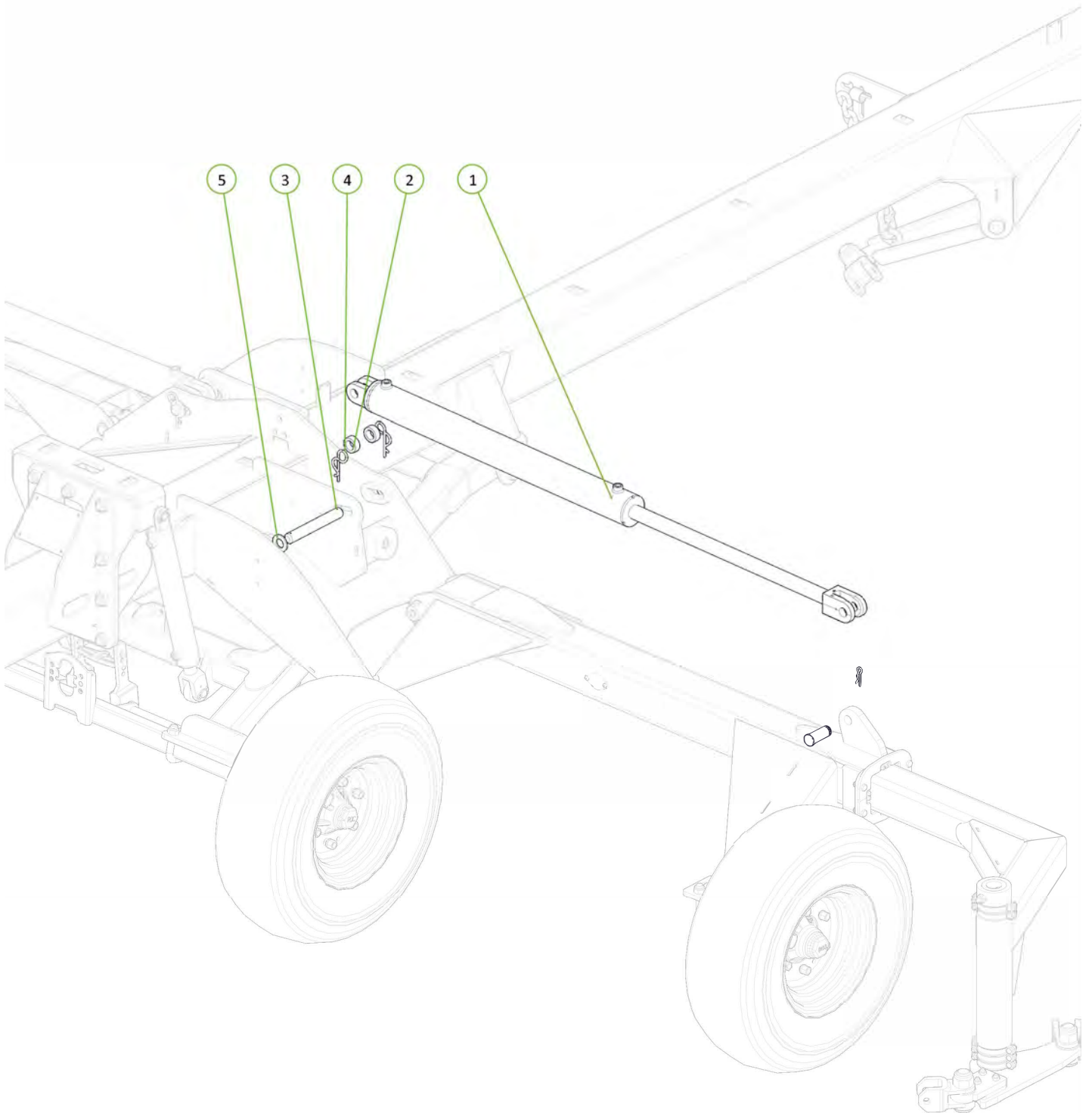
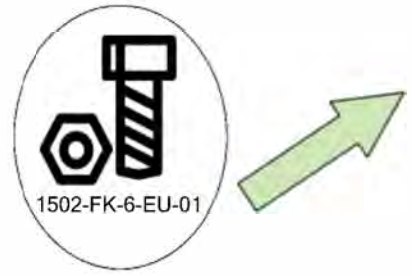
Item No.	Description	Qty	Number
1	Heavy Duty Ratchet Ram	1	0801-19RAJ013



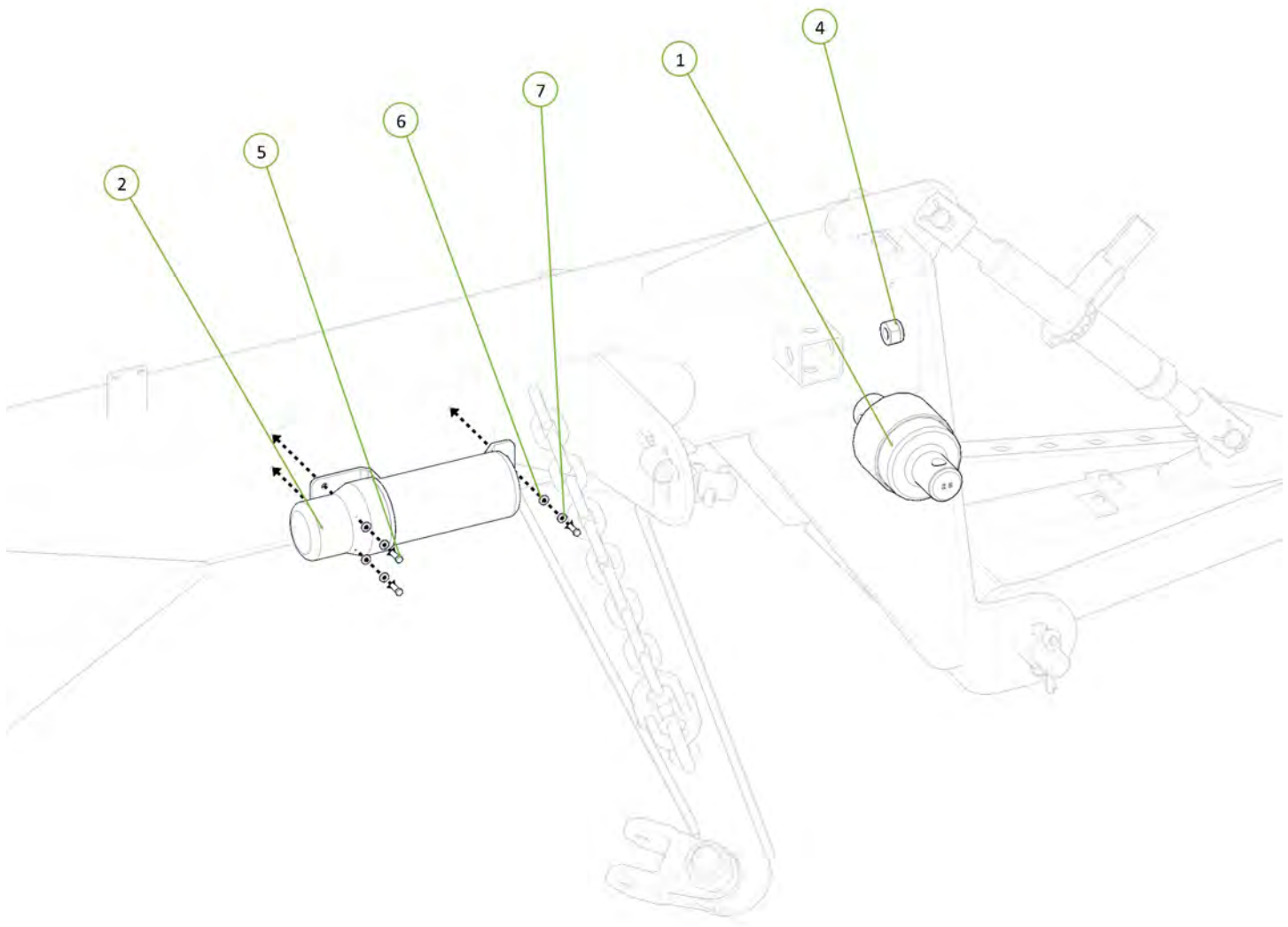
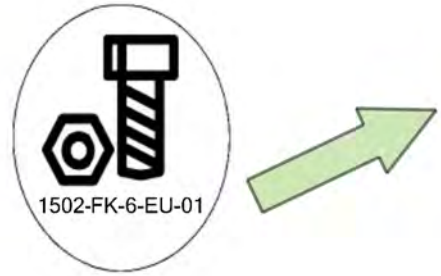
Item No.	Description	Qty	Number
1	3.5" Bore 32" Stroke 4" S/Tube 1.75" Rod Hydraulic Cylinder	1	0311-3532ST
2	Cylinder Pin 1 1/4" x 245mm 4140	1	0801-44102956-1
3	Bush 32mm ID x 50mm OD x 20mm Long	2	1501-325120
4	Washer Flat M30	2	0231-F30
5	S Locking Pin Clip 5mm	2	0801-KE012



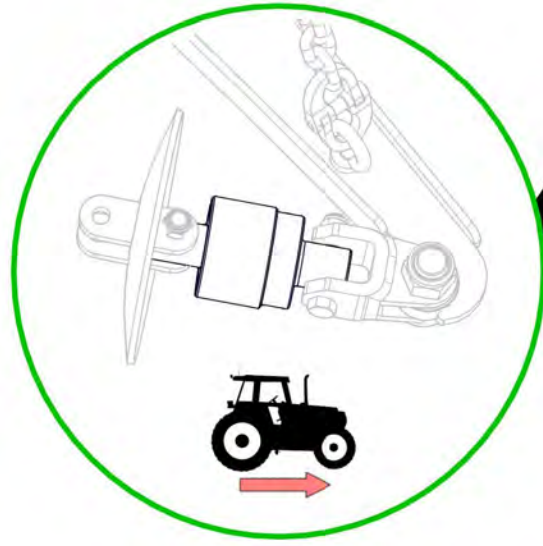
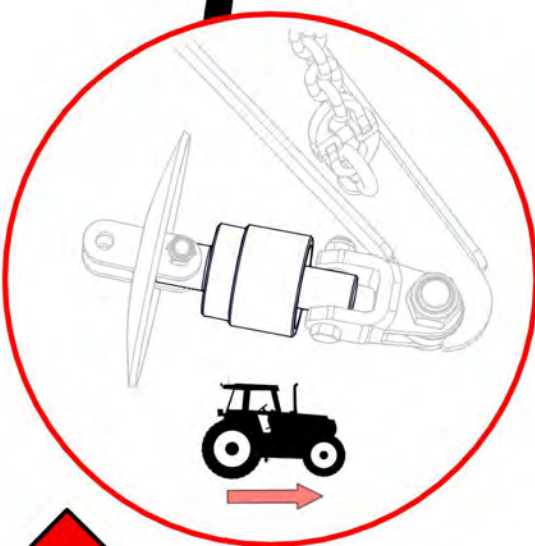
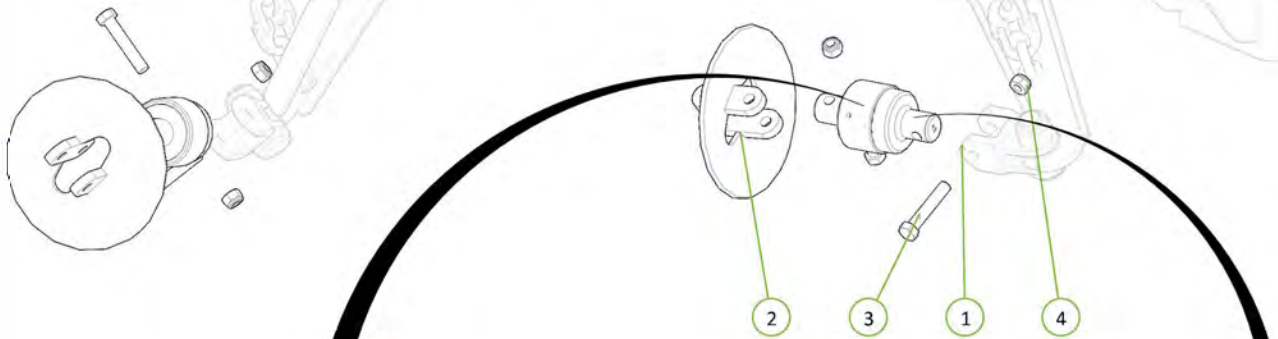
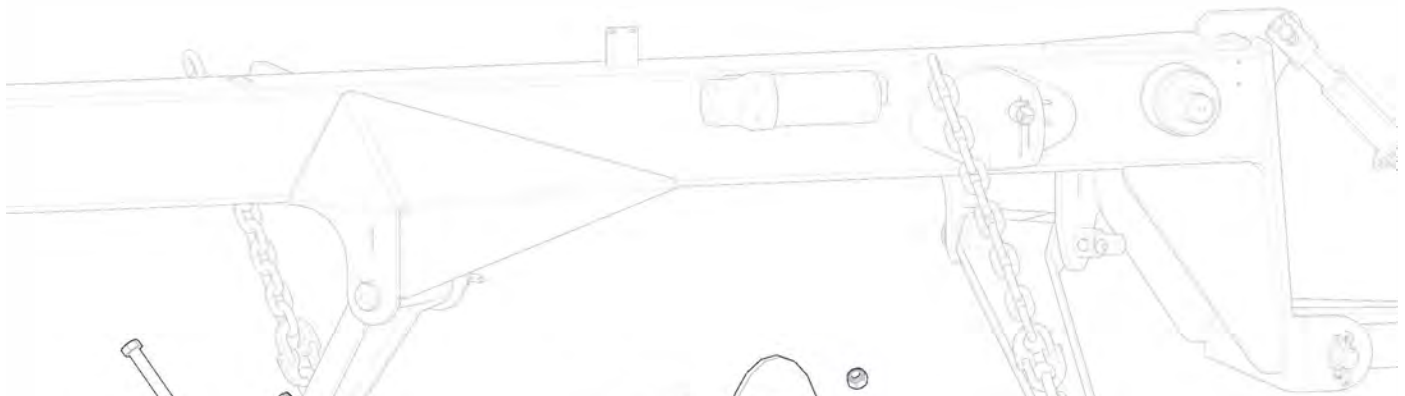
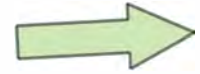
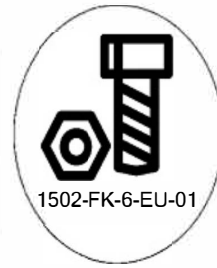
Item No.	Description	Qty	Number
1	3.5" Bore 32" Stroke 4" S/Tube 1.75" Rod Hydraulic Cylinder	1	0311-3532ST
2	Cylinder Pin 1 1/4" x 245mm 4140	1	0801-44102956/1
3	Bush 32mm ID x 50mm OD x 20mm Long	2	1501-325120
4	Washer Flat M30	2	0231-F30
5	S Locking Pin Clip 5mm	2	0801-KE012



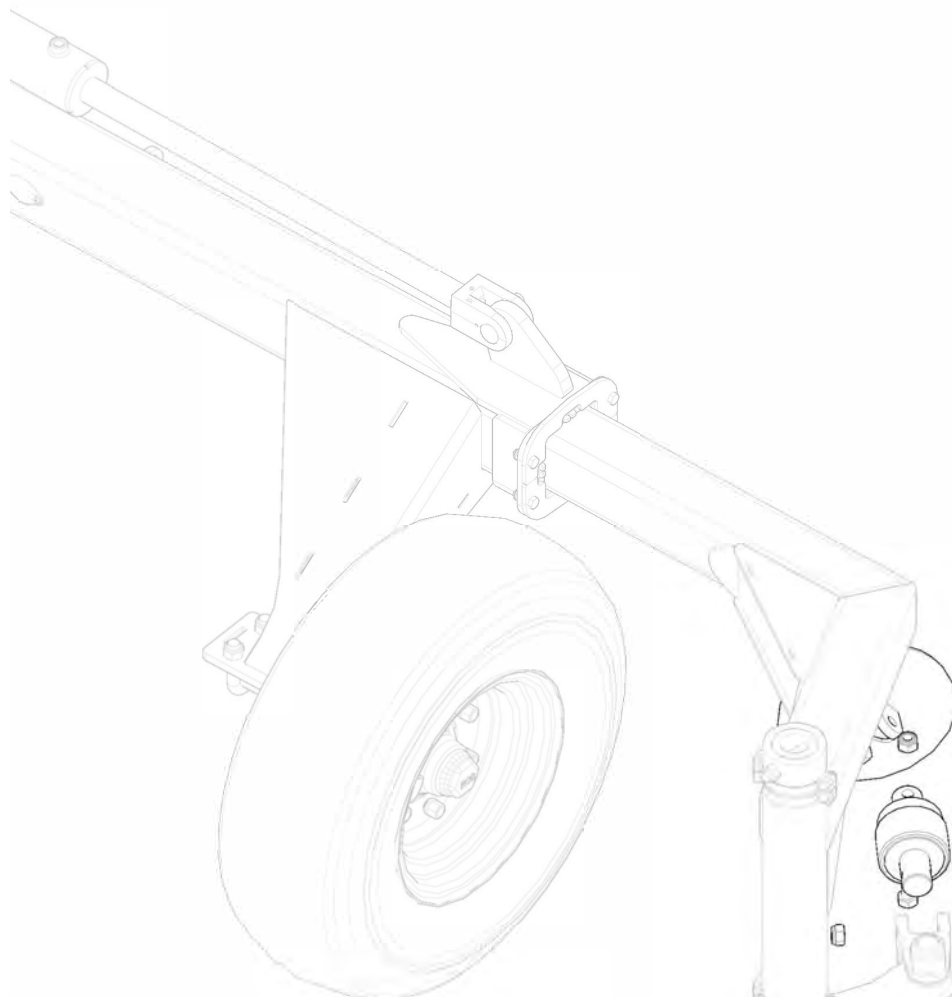
Item No.	Description	Qty	Number
1	20mm Bolt Swivel Unit	1	0802-PCHB55
2	Operator Manual Cannister	1	0801-OMC-1
4	Nyloc Nut M20	1	0221-NYL20
5	M6 x 1 x 20mm Grade 4.6 ZP Bolt	3	0211-620
6	Washer Flat M6	3	0231-F6
7	Washer Spring M6	3	0231-S6



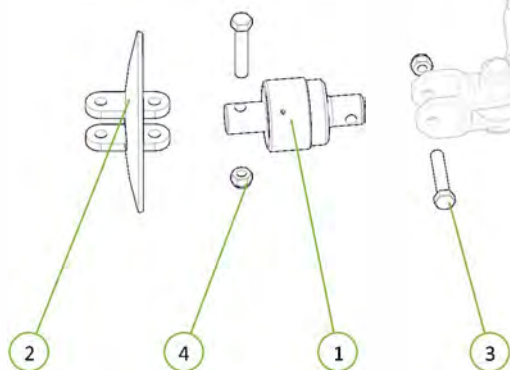
Item No.	Description	Qty	Number
1	20mm Bolt Swivel Unit	2	0802-PCHB55
2	Tie Plate Link 20mm	2	0802-DCTP-20
3	M20 x 110 Grade 10.9 ZP Short Thread Bolt	4	0211-20110 ST
4	Nyloc Nut M20	4	0221-NYL20



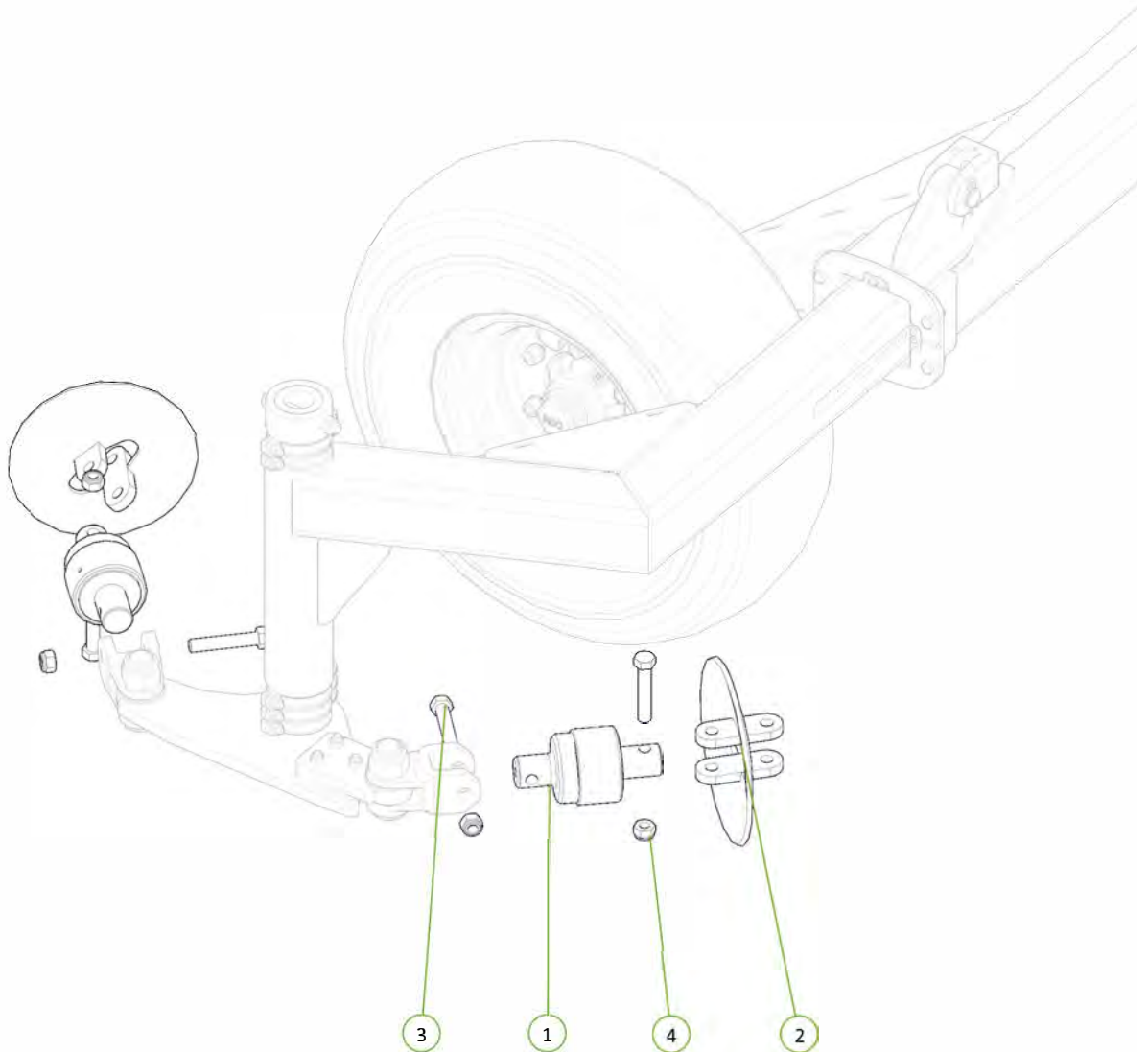
Item No.	Description	Qty	Number
1	20mm Bolt Swivel Unit	2	0802-PCHB55
2	Plate Link 20mm	2	0802-DCTP-20
3	M20 x 110 Grade 10.9 ZP Short Thread Bolt	4	0211-20110 ST
4	Nyloc Nut M20	4	0221-NYL20



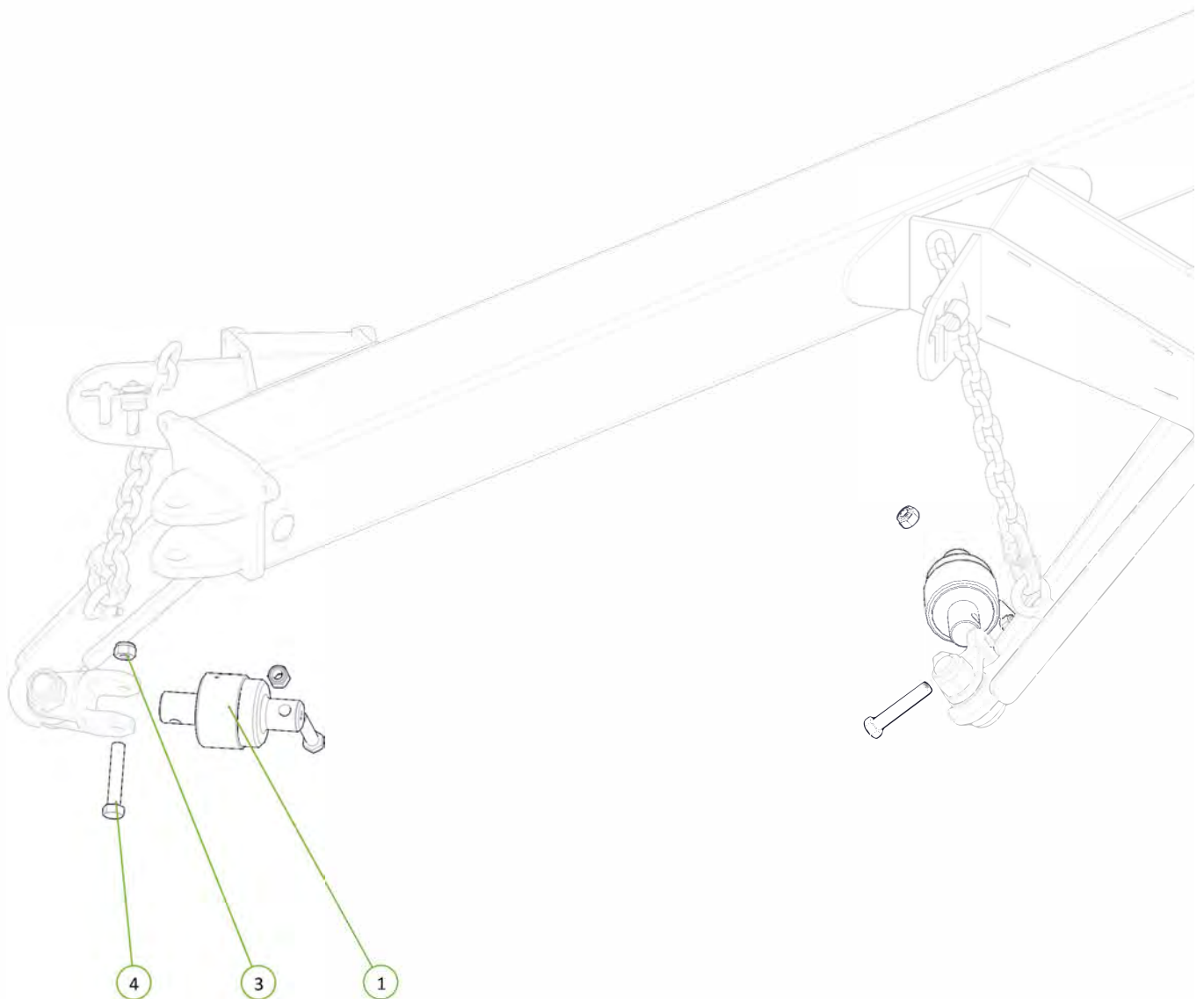
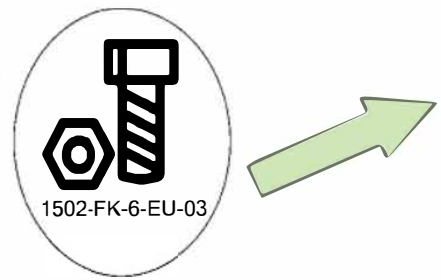
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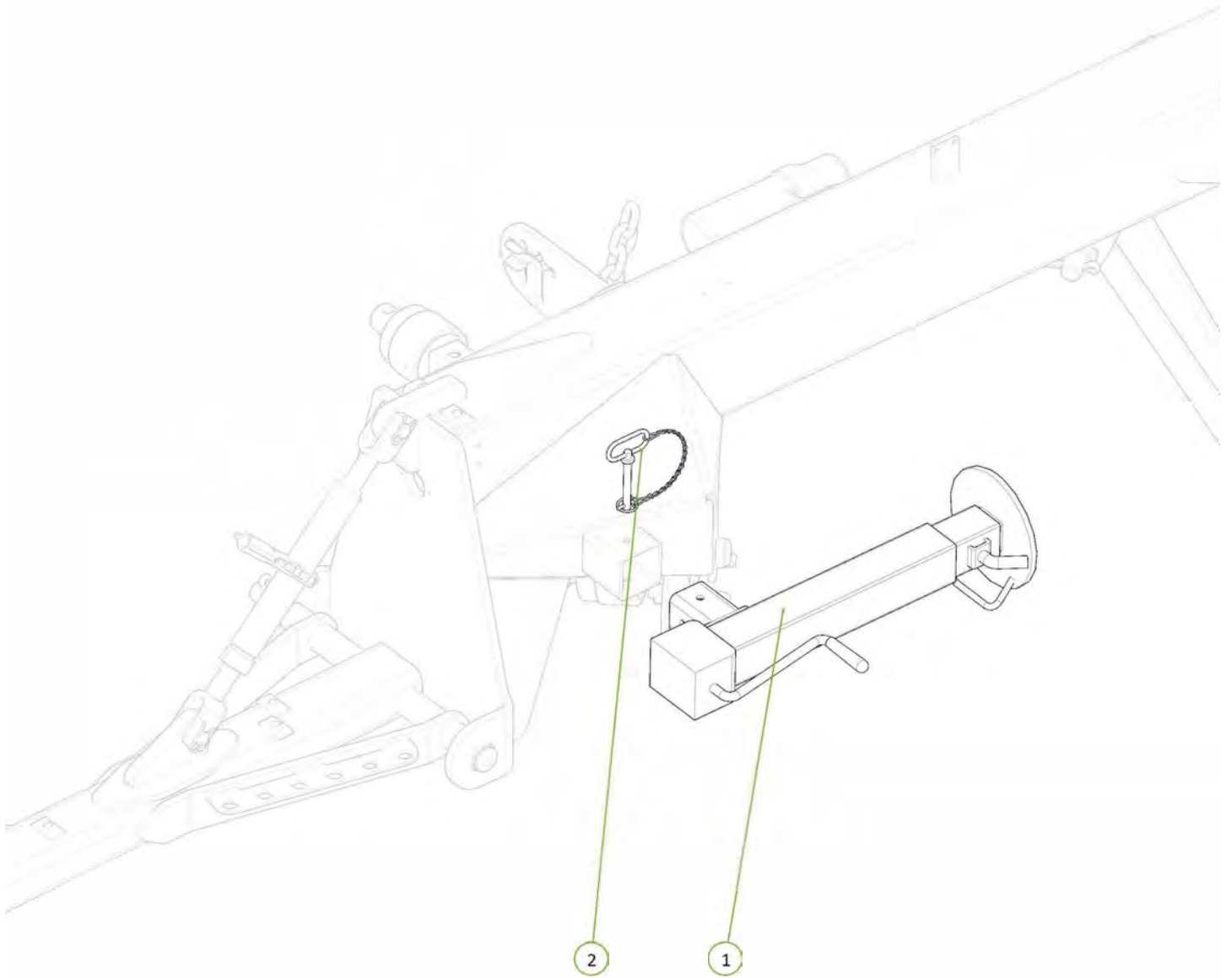
Item No.	Description	Qty	Number
1	20mm Bolt Swivel Unit	2	0802-PCHB55
2	Tie Plate Link 20mm	2	0802-DCTP-20
3	M20 x 110 Grade 10.9 ZP Short Thread Bolt	4	0211-20110 ST
4	Nyloc Nut M20	4	0221-NYL20



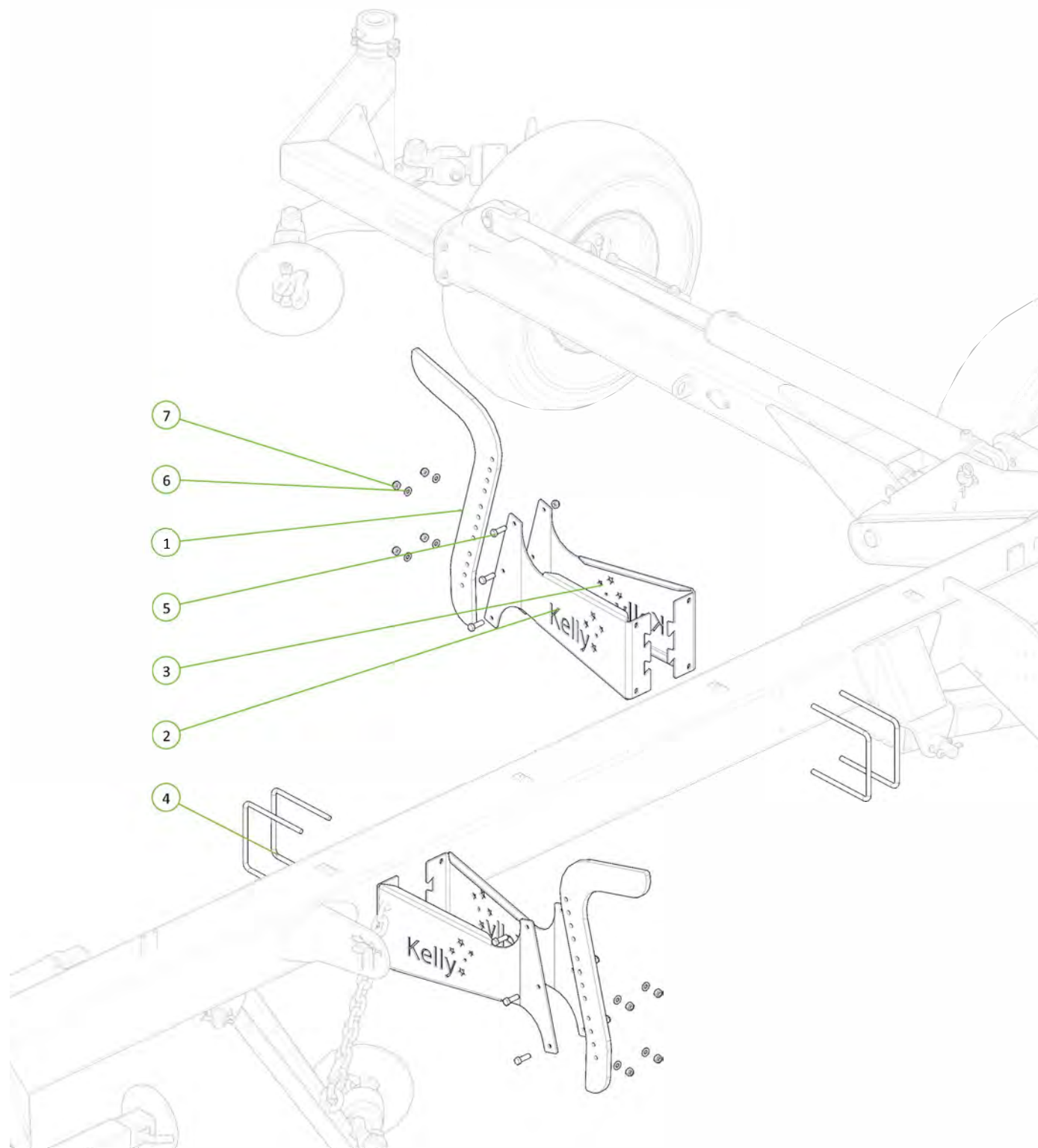
Item No.	Description	Qty	Number
1	20mm Bolt Swivel Unit	2	0802-PCHB55
3	Nyloc Nut M20	4	0221-NYL20
4	M20 x 110 Grade 10.9 ZP Short Thread Bolt	4	0211-20110 ST



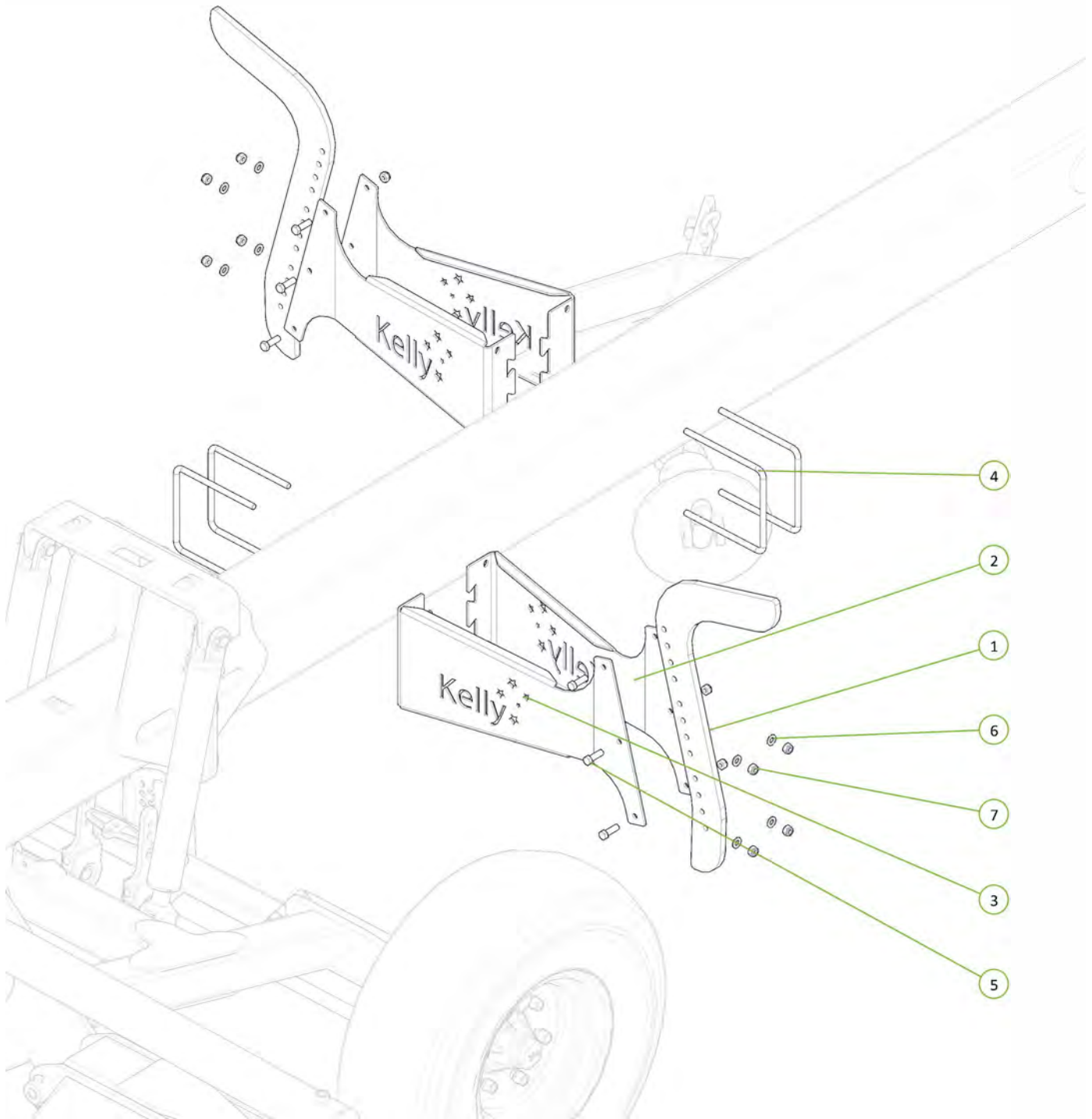
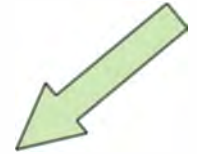
Item No.	Description	Qty	Number
1	3T Drop Leg Jack	1	0801-DG706/35FW
2	Jack Pin	1	0801-B3077

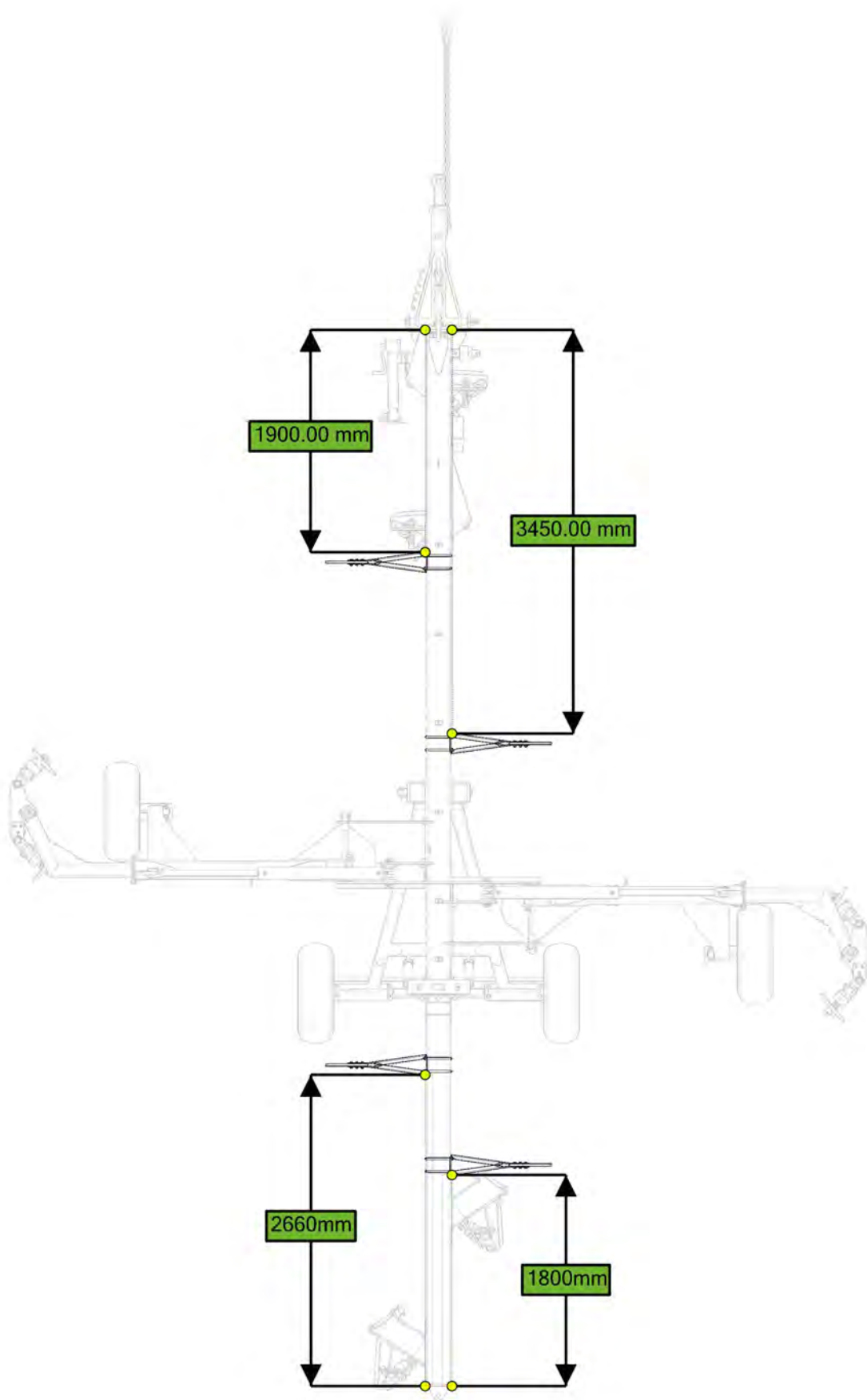


Item No.	Description	Qty	Number
1	Chain Catch	2	1500-084
2	Chain Carrier Web Right Hand Side	2	1500-085
3	Chain Carrier Web Left Hand Side	2	1500-086
4	U-Bolt M12 x 225 Deep x 202 Wide	4	0271-12225202
5	M12 x 40 Grade 8.8 ZP Bolt	6	0211-1240
6	Washer Flat M12	8	0231-F12
7	Nyloc Nut M12	14	0221-NYL12

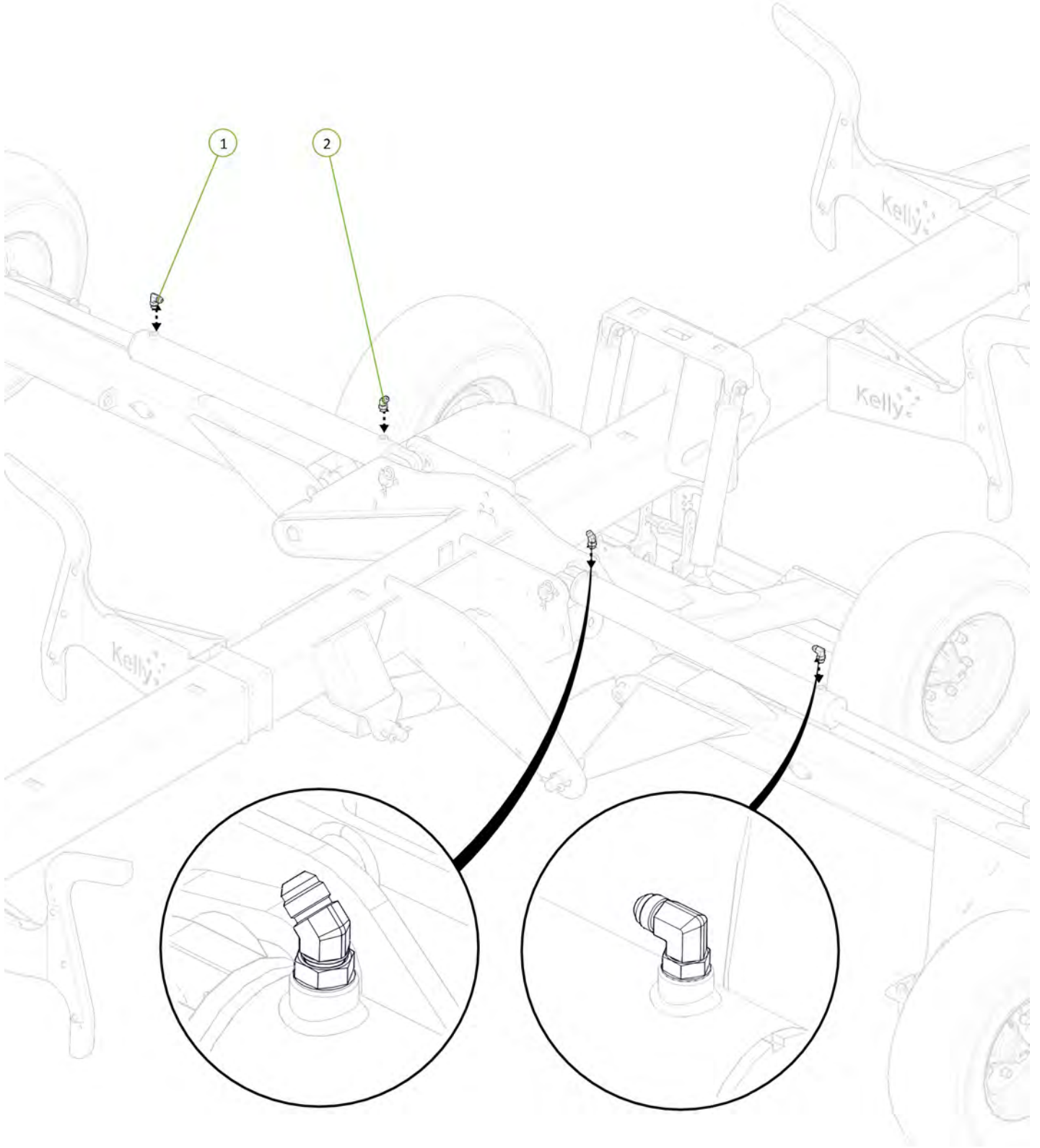
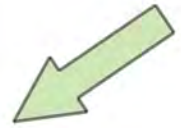


Item No.	Description	Qty	Number
1	Chain Catcher	2	1500-084
2	Chain Carrier Web Right Hand Side	2	1500-085
3	Chain Carrier Web Left Hand Side	2	1500-086
4	U-Bolt M12 x 225 Deep x 202 Wide	4	0271-12225202
5	M12 x 40 Grade 8.8 ZP Bolt	6	0211-1240
6	Washer Flat M12	8	0231-F12
7	Nyloc Nut M12	14	0221-NYL12

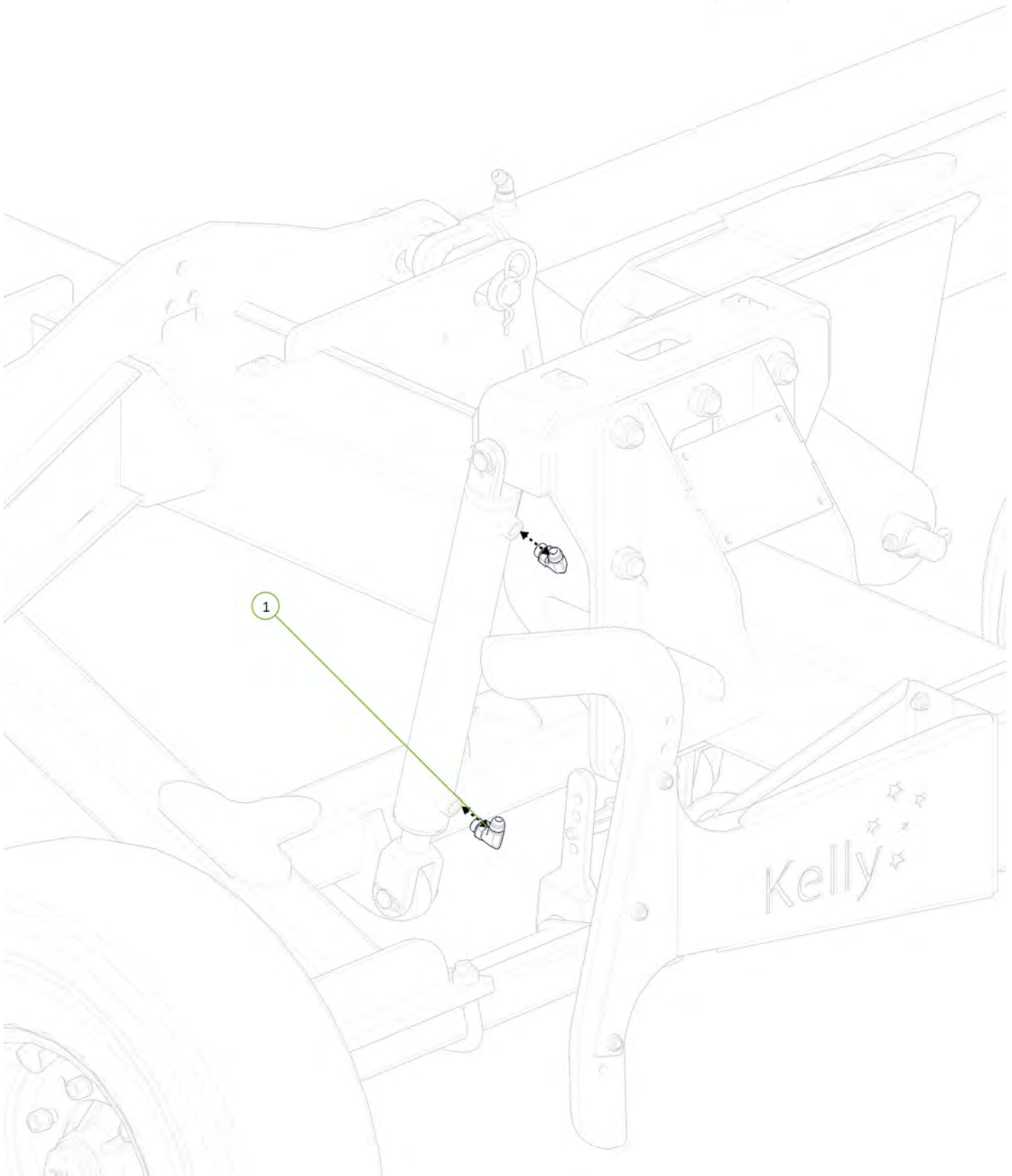
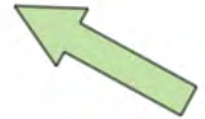




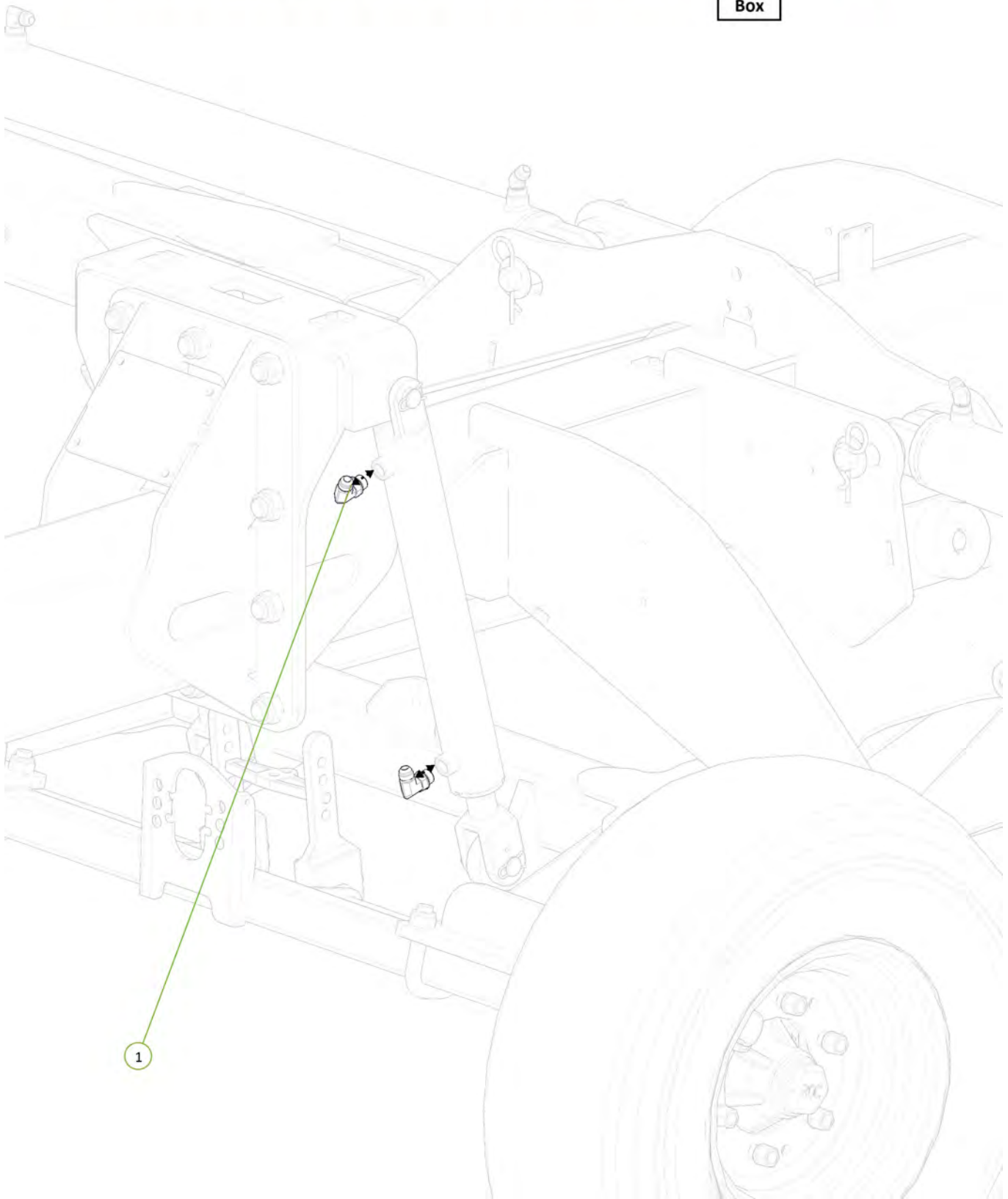
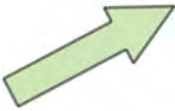
Item No.	Description	Qty	Number
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	2	0323-S91-1212
2	3/4" JIC Male 3/4" UN O Ring Male 45° Elbow	2	0323-S88-1212

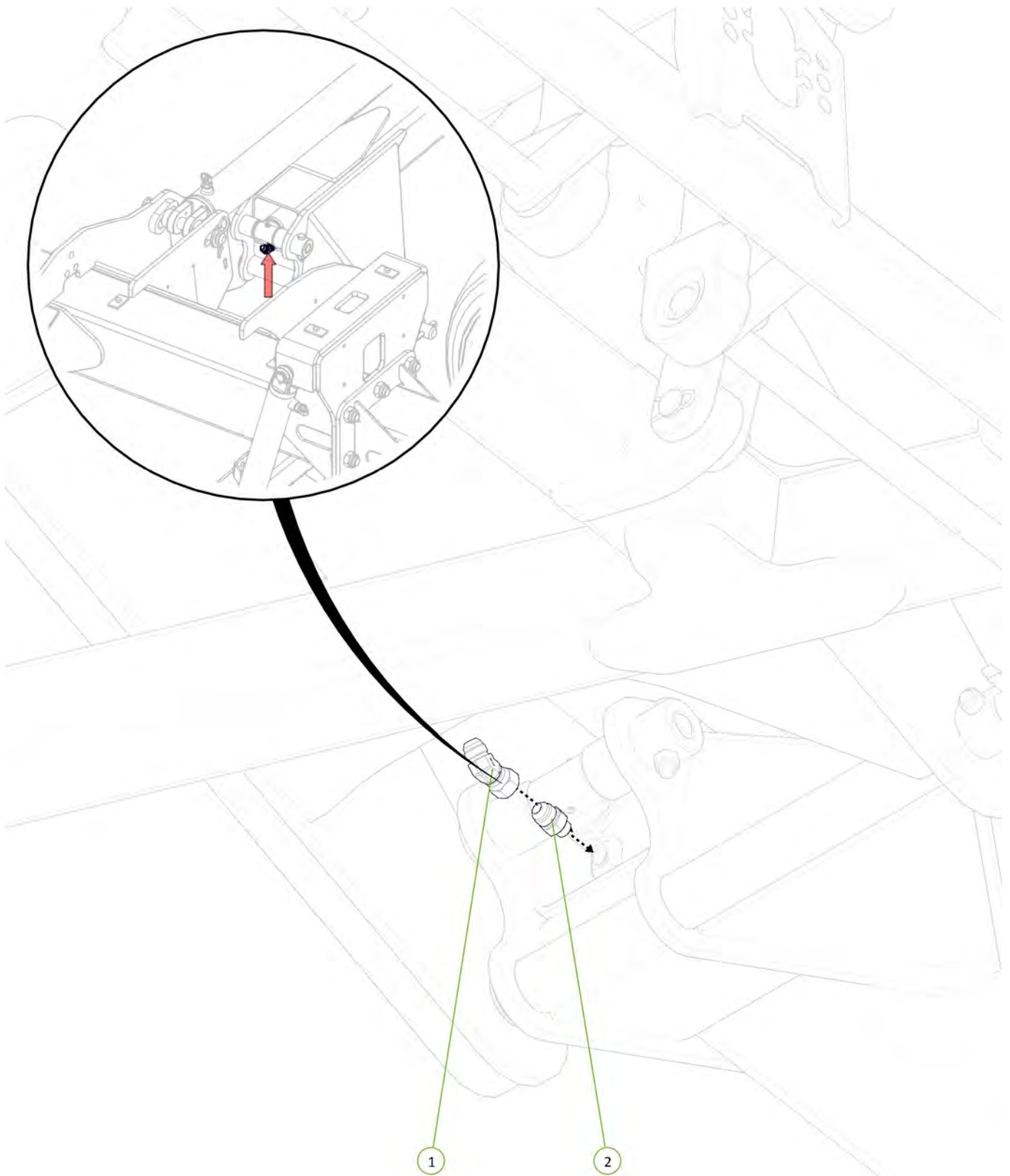


Item No.	Description	Qty	Number
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	2	0323-S91-1212



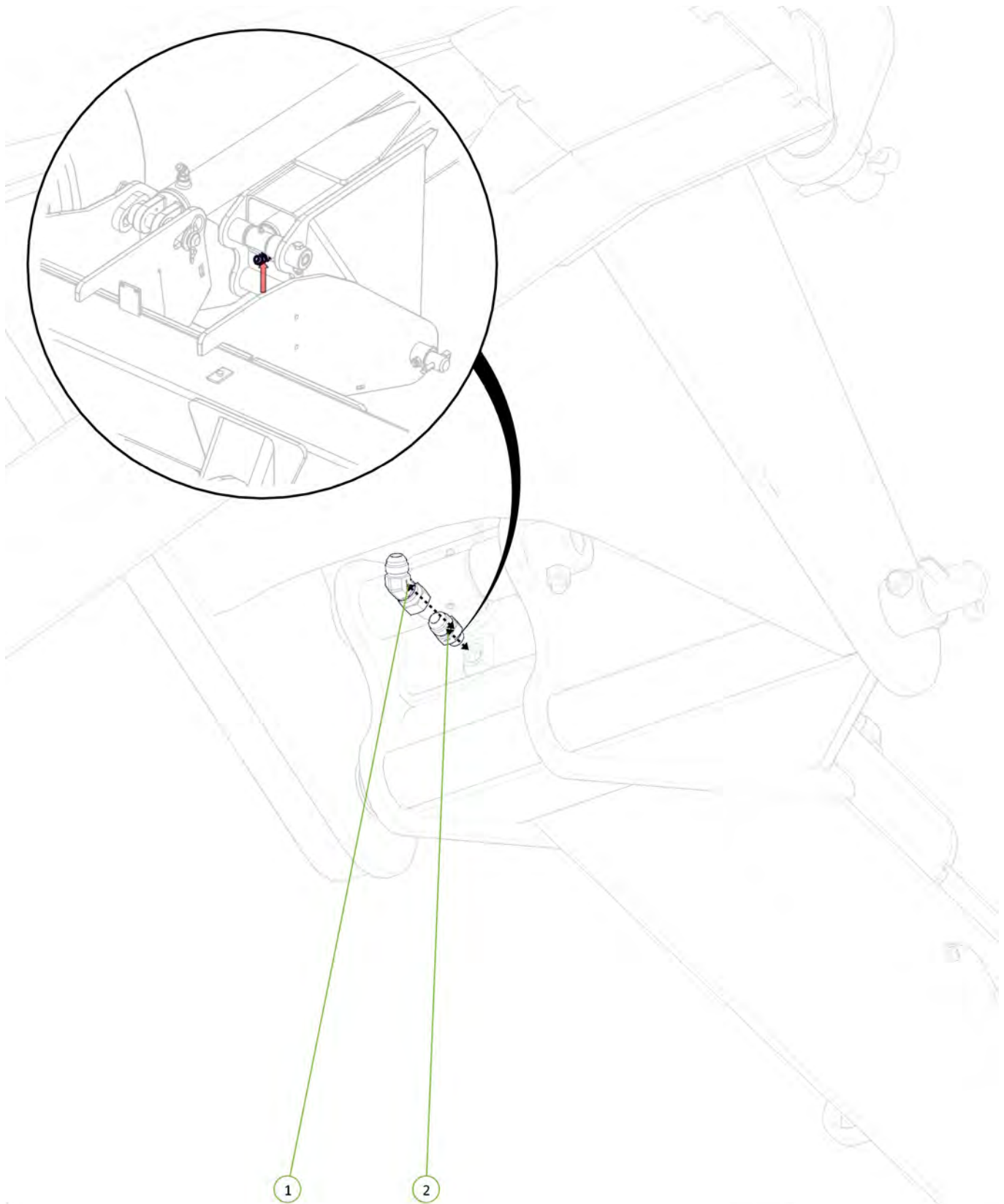
Item No.	Description	Qty	Number
1	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	2	0323-S91-1212





Item No.	Description	Qty	Number
1	3/4" JIC Male 3/4" JIC Female Swivel 45° Elbow	1	0323-S23-1212
2	3/4" JIC Male 9/16" UN O Ring Male Adaptor	1	0323-S90-1209

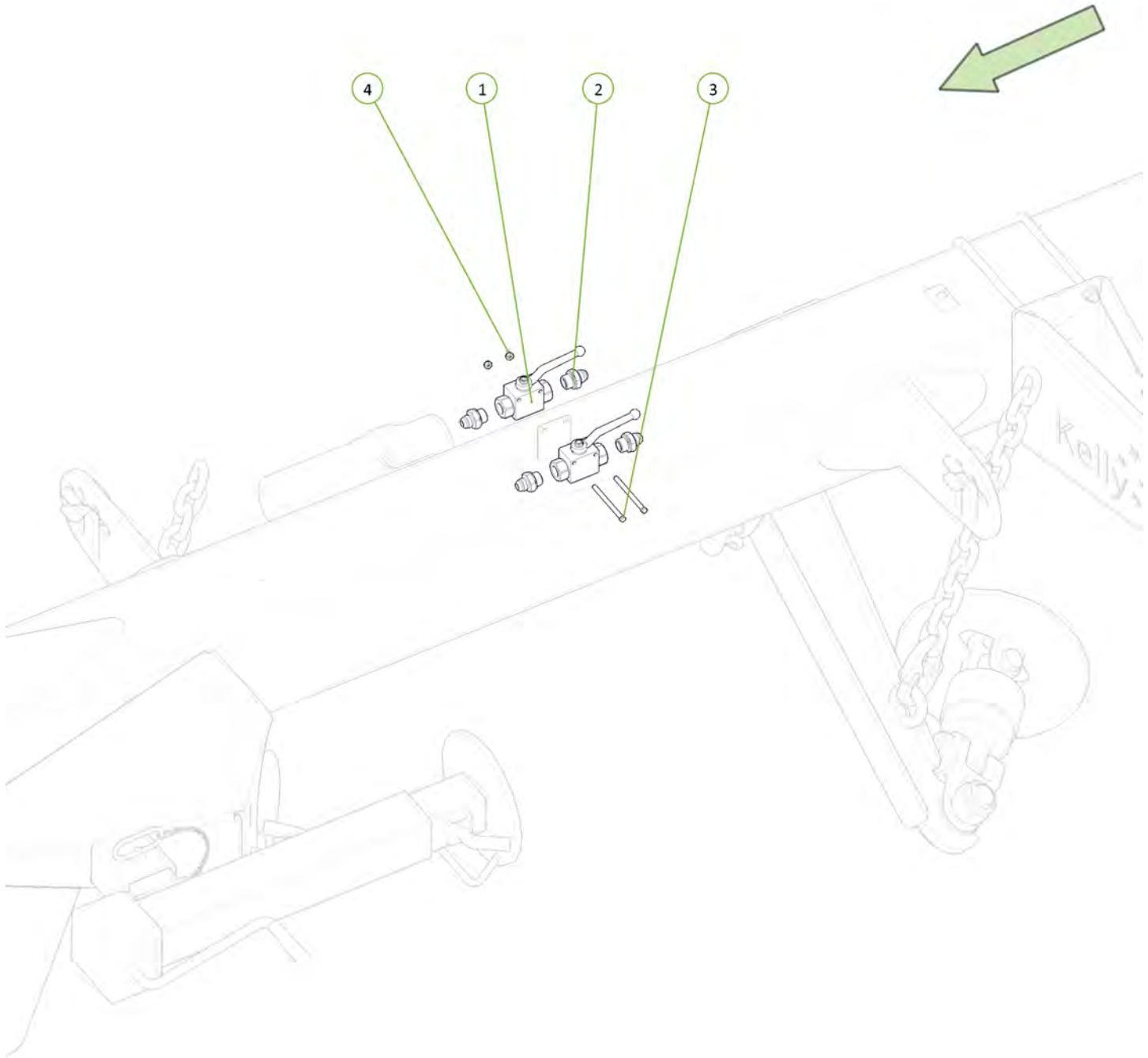




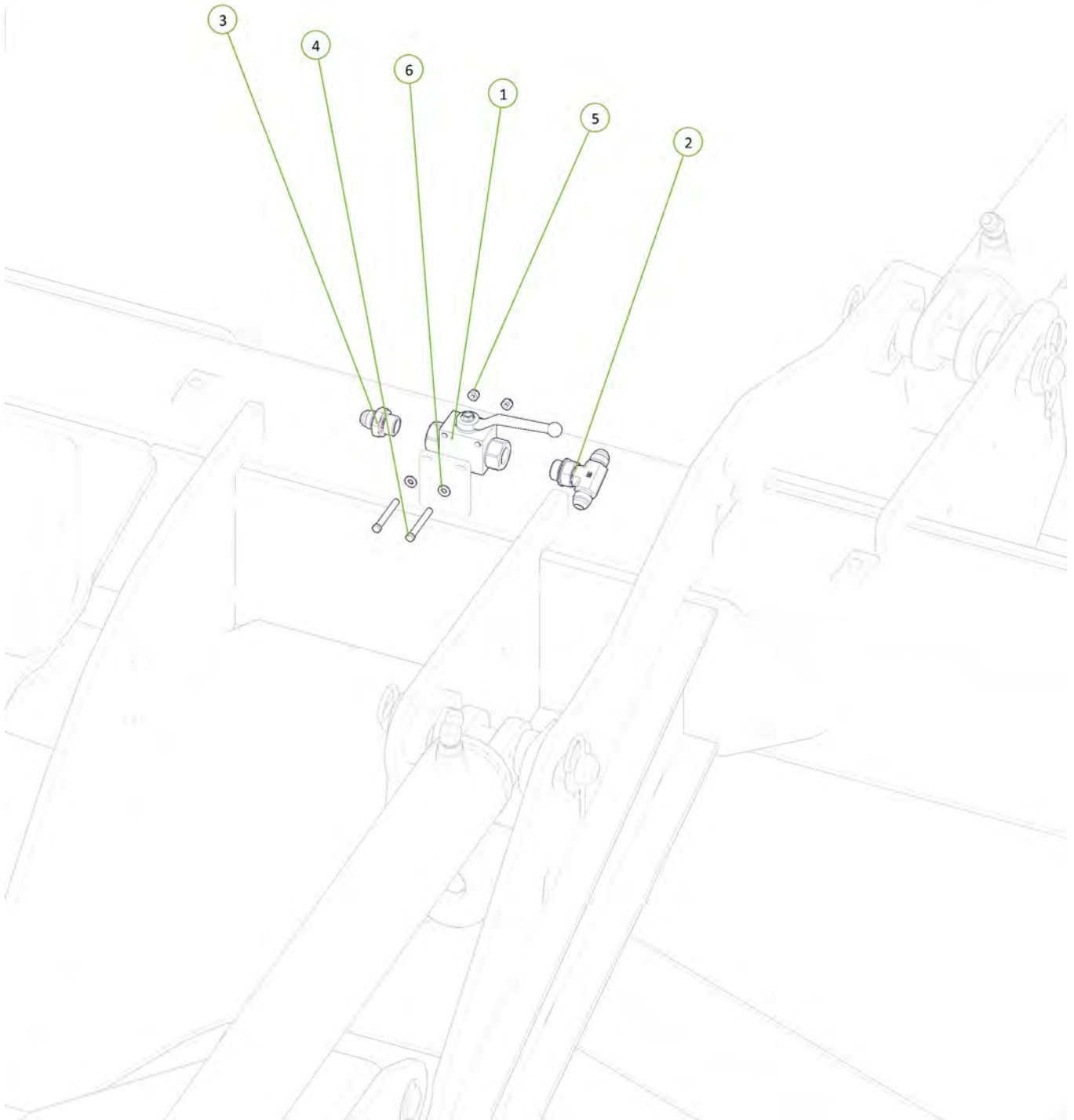
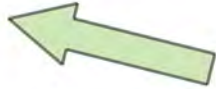
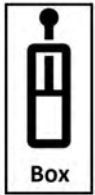
Item No.	Description	Qty	Number
1	3/4" JIC Male 3/4" JIC Female Swivel 45° Elbow	1	0323-S23-1212
2	3/4" JIC Male 9/16" UN O Ring Male Adaptor	1	0323-S90-1209



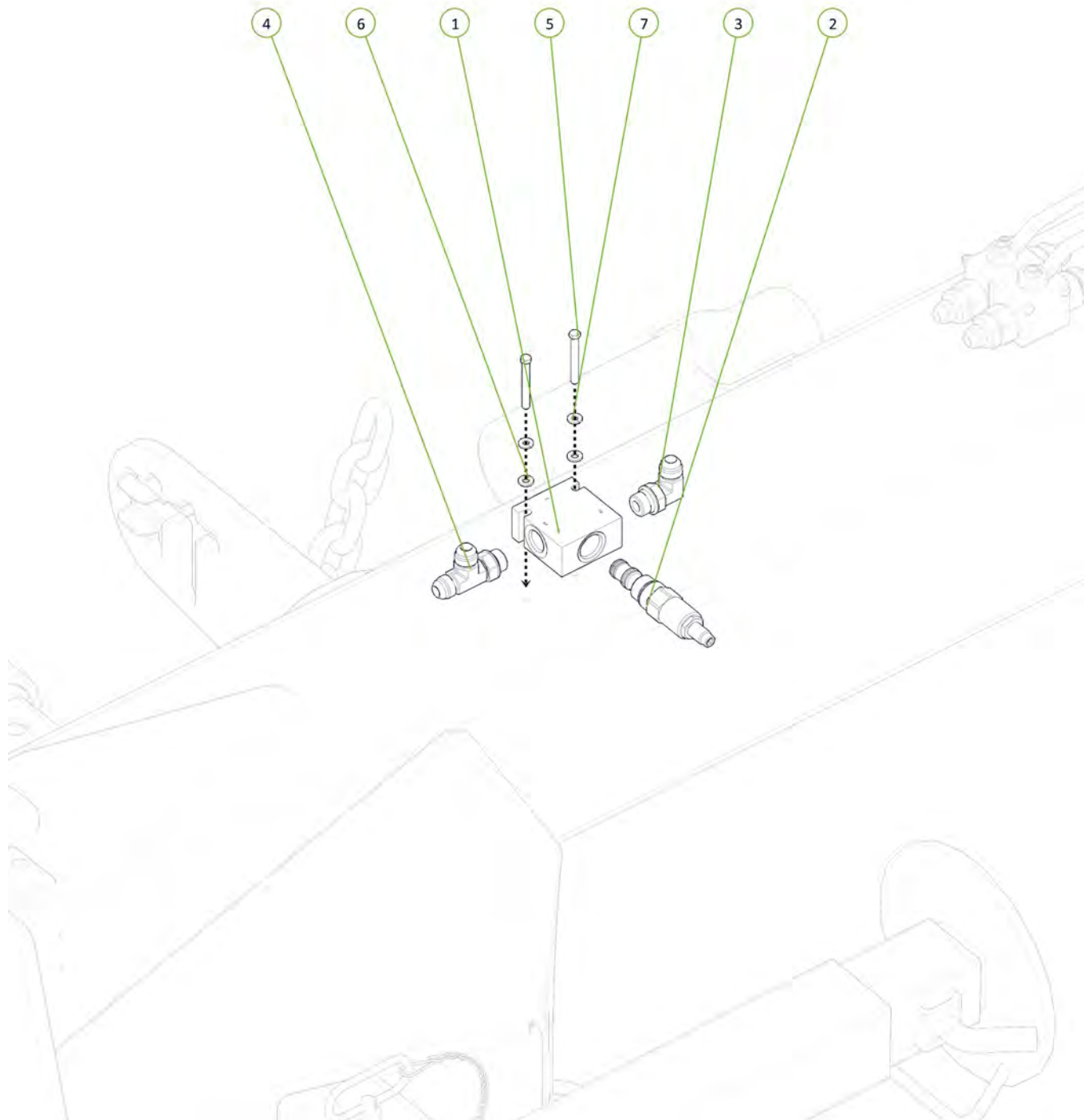
Item No.	Description	Qty	Number
1	Ball Valve BSPP 1/2"	2	0341-RL20SH-0808
2	1/2" BSPP Encapt Male 3/4" JIC Male Adaptor	4	0323-S74-0812
3	M6 x 1 x 85mm Grade 4.6 ZP Bolt	2	0211-685
4	Nyloc Nut M6	2	0221-NYL6



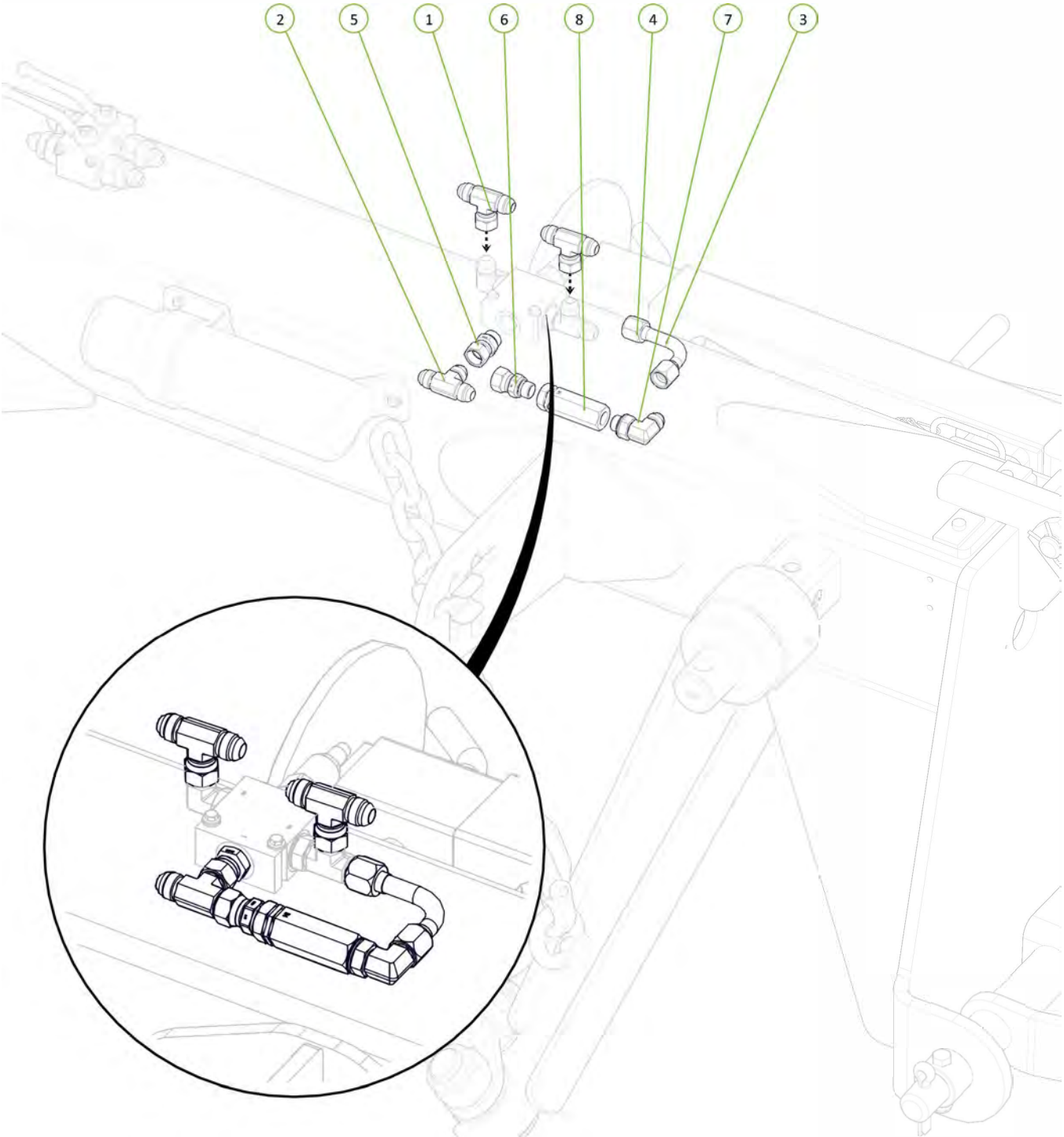
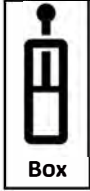
Item No.	Description	Qty	Number
1	Ball Valve BSPP 1/2"	1	0341-RL20SH-0808
2	3/4" JIC Male 3/4" JIC Male 1/2" BSPP O Ring Male Tee	1	0324-S79-121208
3	1/2" BSPP Encapt Male 3/4" JIC Male Adaptor	1	0323-S74-0812
4	M6 x 1 x 50mm Grade 4.6 ZP Bolt	2	0211-650
5	Nyloc Nut M6	2	0221-NYL6
6	Washer Flat M6	2	0231-F6



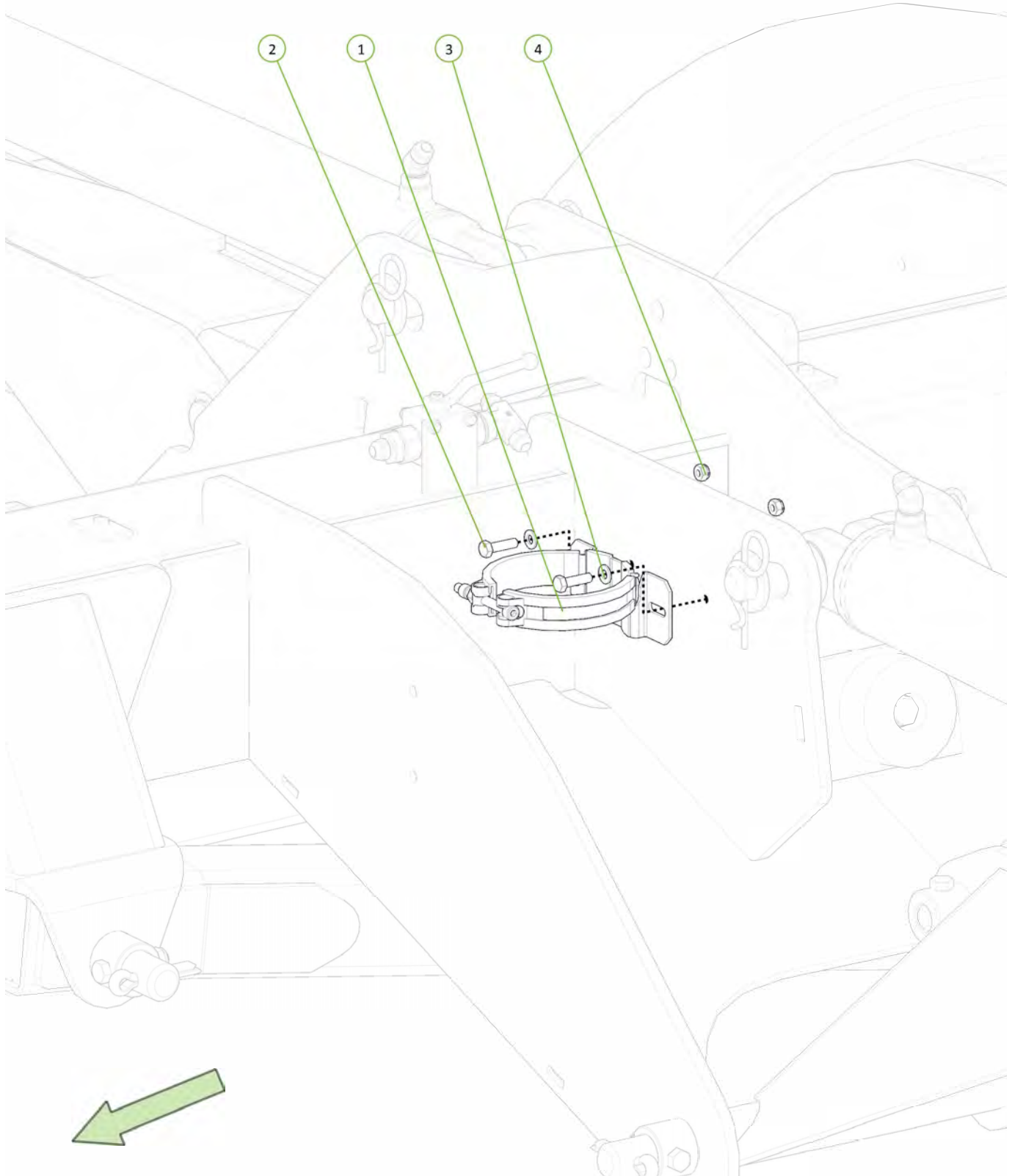
Item No.	Description	Qty	Number
1	10-Size 3-Way Valve Housing	1	0341-7024380
2	Pressure Reducing/Relieving Valve Cartridge	1	0341-PR50-36A0P30
3	3/4" JIC Male 3/4" UN O Ring Male 90° Elbow	1	0323-S91-1212
4	3/4" JIC Male 3/4" UN O Ring Male 3/4" JIC Male Tee	1	0324-S87-121212
5	M6 x 1 x 50mm Grade 4.6 ZP Bolt	2	0211-650
6	Washer Flat M6	2	0231-F6
7	Washer Spring M6	2	0231-S6



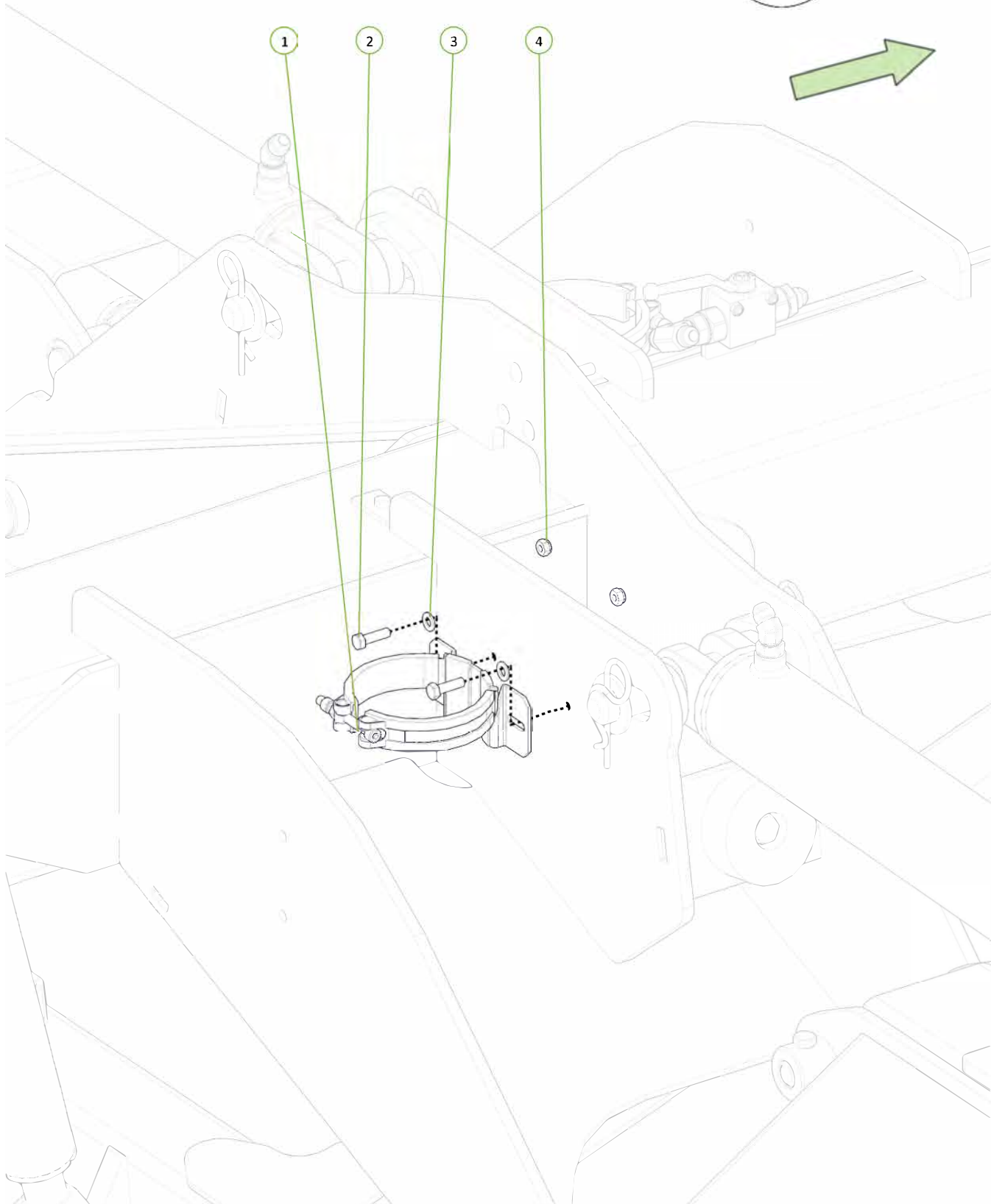
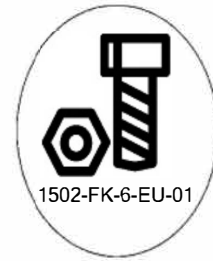
Item No.	Description	Qty	Number
1	7/8" JIC Male 7/8" JIC Female Tee	2	0324-S68-121212
2	3/4" JIC Male Tee	1	0324-S19-121212
3	Accumulator Valve Connection Pipe	1	0323-ACCUM-VALVE-P2
4	3/4" JIC Female Nut & Swivel	2	0323-S6-1208
5	3/4" JIC Female Swivel 3/4" UN O Ring Male Adaptor	1	0323-S101-1212
6	3/8" BSPP Encapt Male 3/4" JIC Female Swivel	1	0323-S71-0612
7	3/8" BSPP O Ring Male 3/4" JIC Male 90° Elbow	1	0323-S76-0612
8	In Line Check Valve BSPP	1	0341-RCV-0606



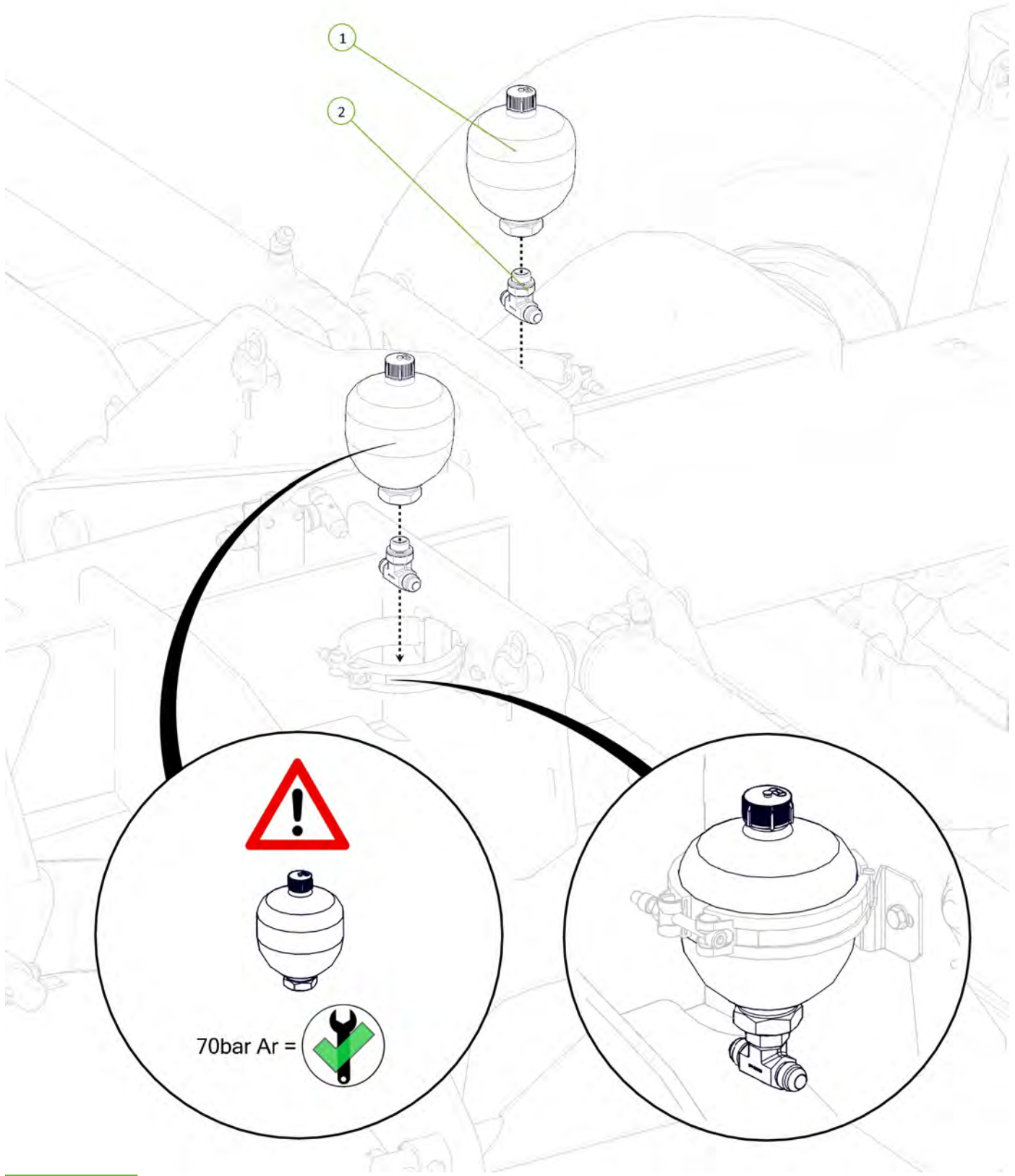
Item No.	Description	Qty	Number
1	121-129mm Accumulator Bracket	1	0345-ACCUCLAMP121-129
2	M8 x 30 Grade 8.8 ZP Bolt	2	0211-830
3	Washer Flat M8	2	0231-F8
4	Nyloc Nut M8	2	0221-NYL8



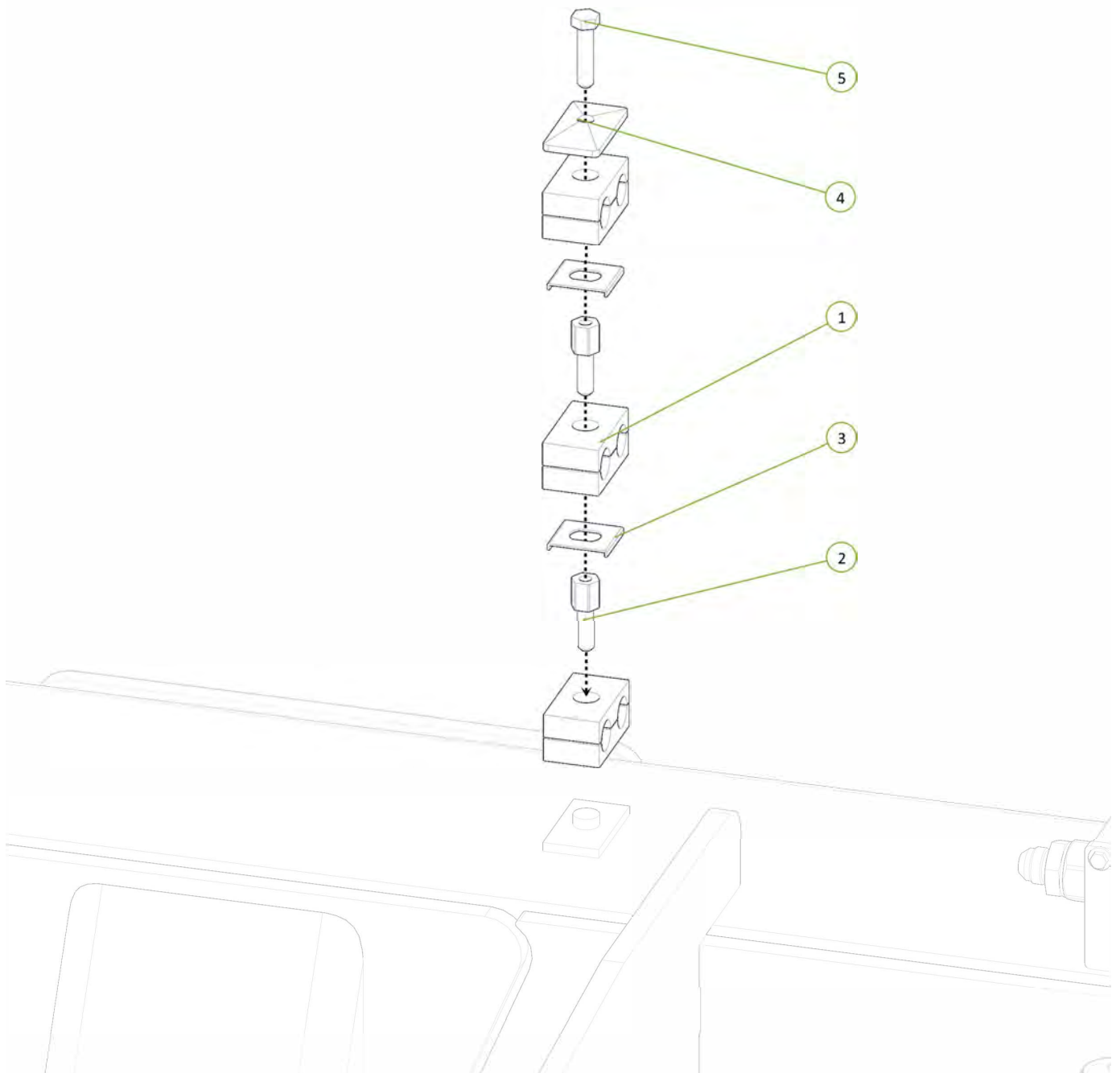
Item No.	Description	Qty	Number
1	121-129mm Accumulator Bracket	1	0345-ACCUCLAMP121-129
2	M8 x 30 Grade 8.8 ZP Bolt	2	0211-830
3	Washer Flat M8	2	0231-F8
4	Nyloc Nut M8	2	0221-NYL8



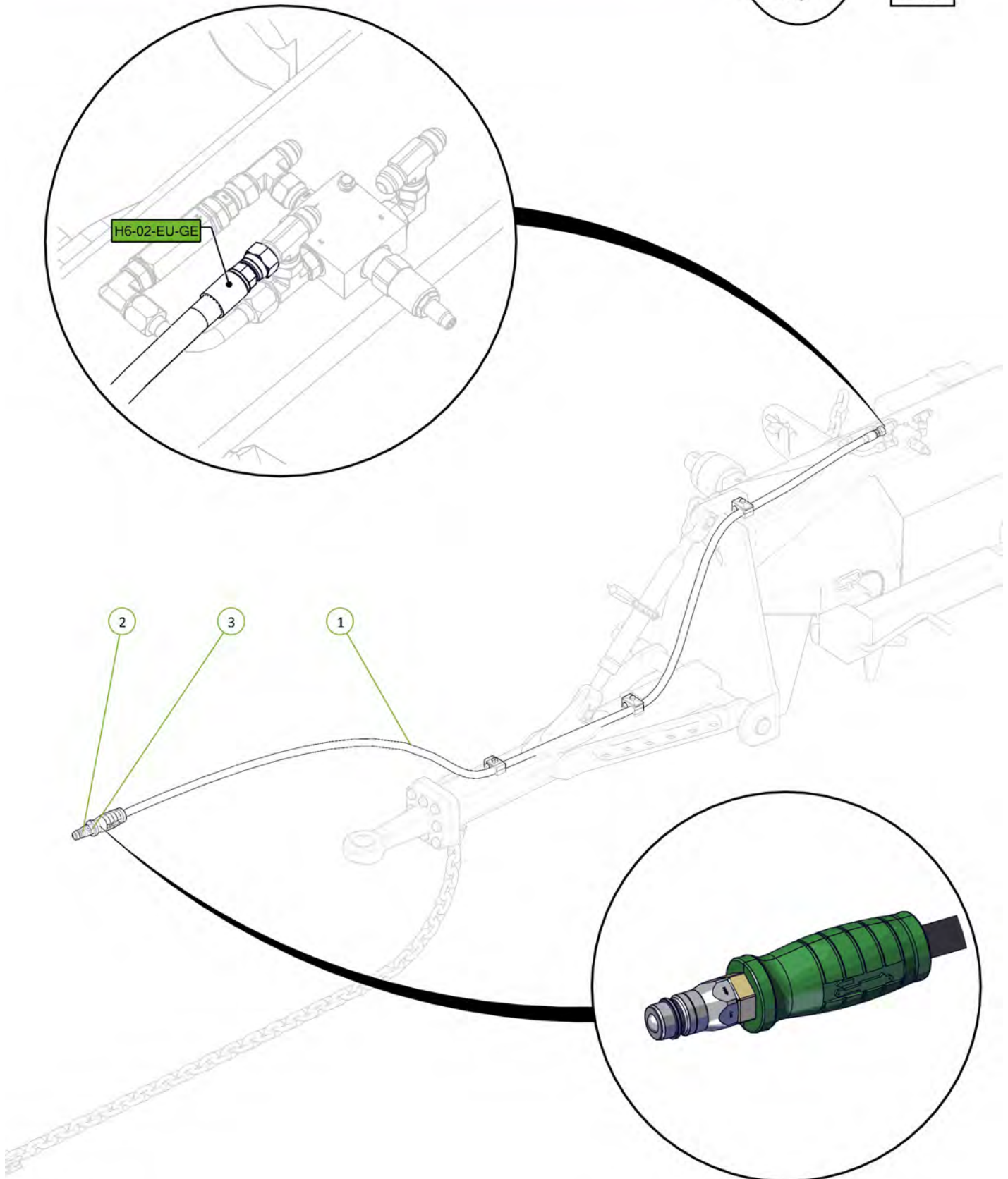
Item No.	Description	Qty	Number
1	Accumulator .75L	2	0343-SBO210-0.75E
2	3/4" JIC Male 3/4" JIC Male 1/2" BSPP O Ring Male Tee	2	0324-579-121208



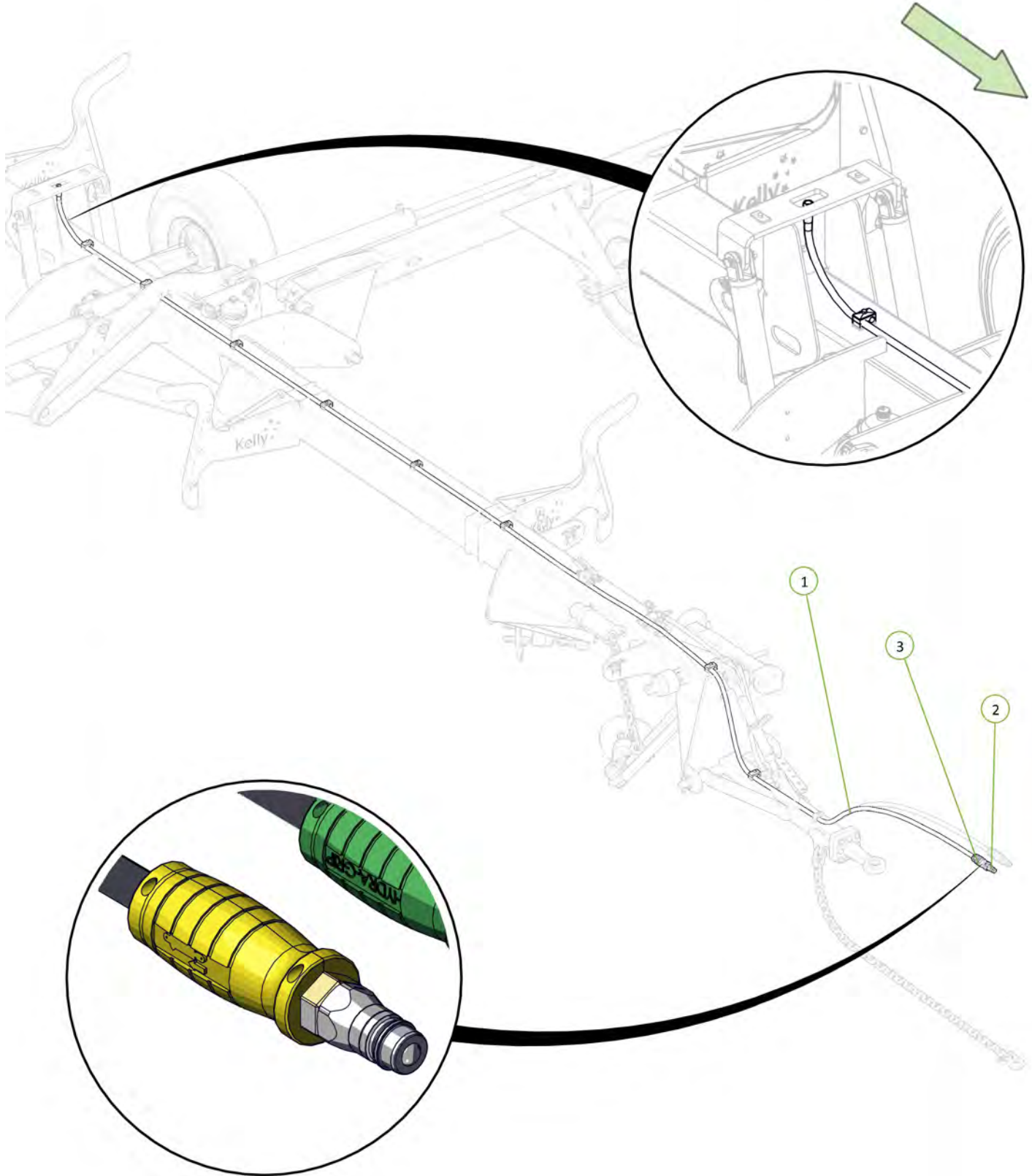
Item No.	Description	Qty	Number
1	17mm Clamp Jaws (Pair)	3	0325-RCD-17J
2	Double Clamp Stacking Bolt No. 2	2	0325-RCD-2BS
3	Double Clamp Stacking Plate	2	0325-SI-2-5D-W3
4	Clamp top plate No. 2	1	0325-RCD-2PT
5	Double Clamp Bolt No. 2	1	0325-RCD-2BH



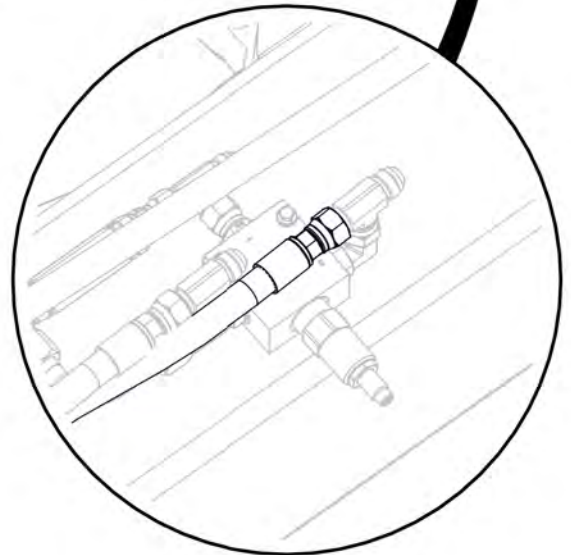
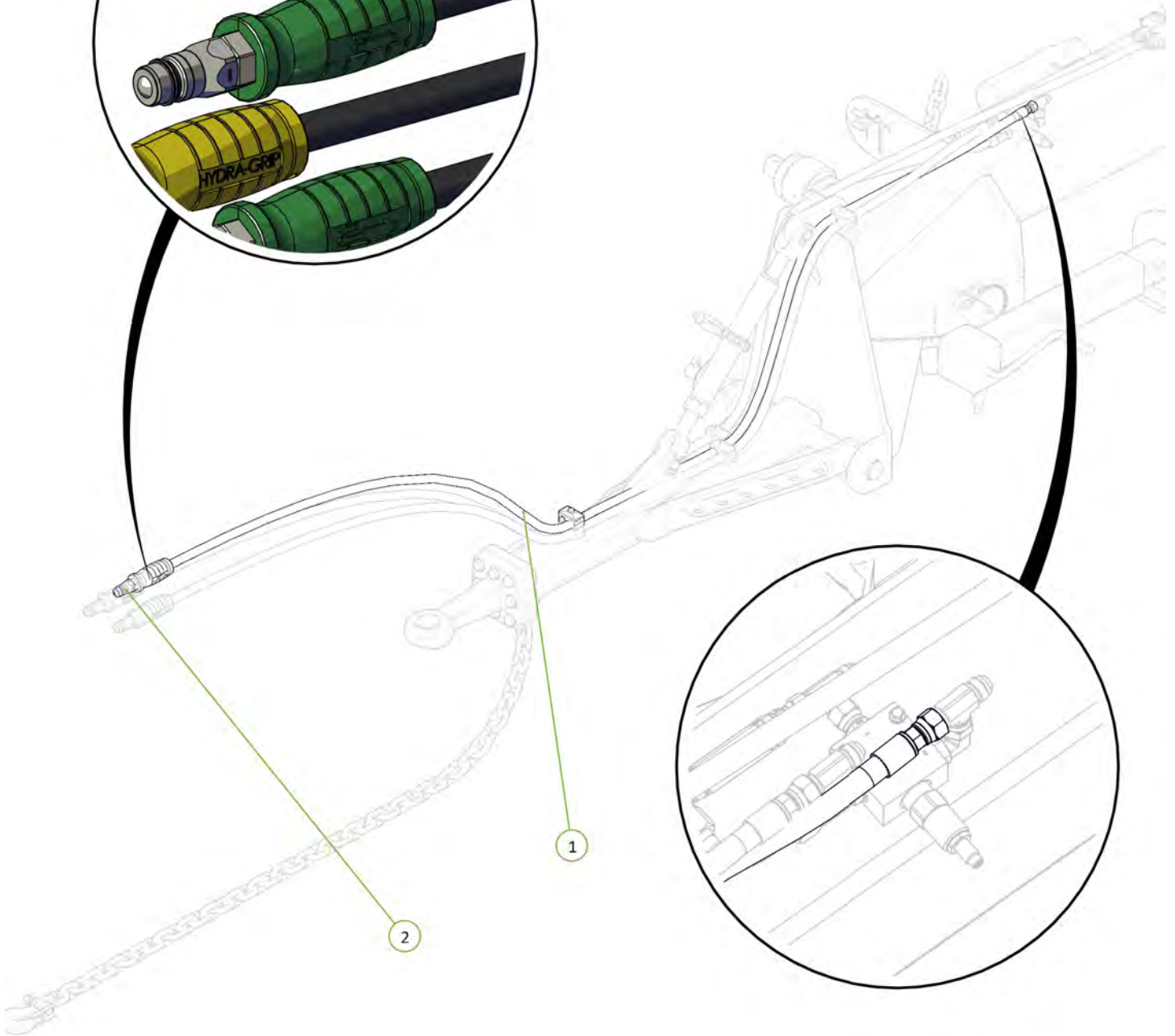
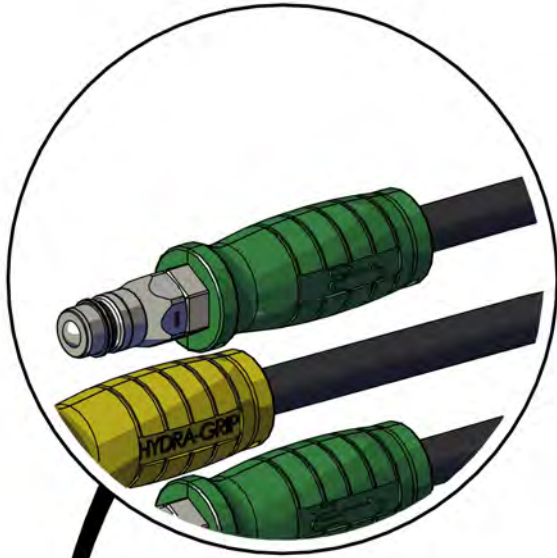
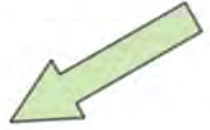
Item No.	Description	Qty	Number
1	Tractor to Main Pressure Relief Extend Fitted with Green Extend Grip	4	
2	BSPB QRC Ball Male Tip	3	0325-R
3	Green 1/2" NPT Hydra Grip Pair (Extend/Ret)	3	0325-



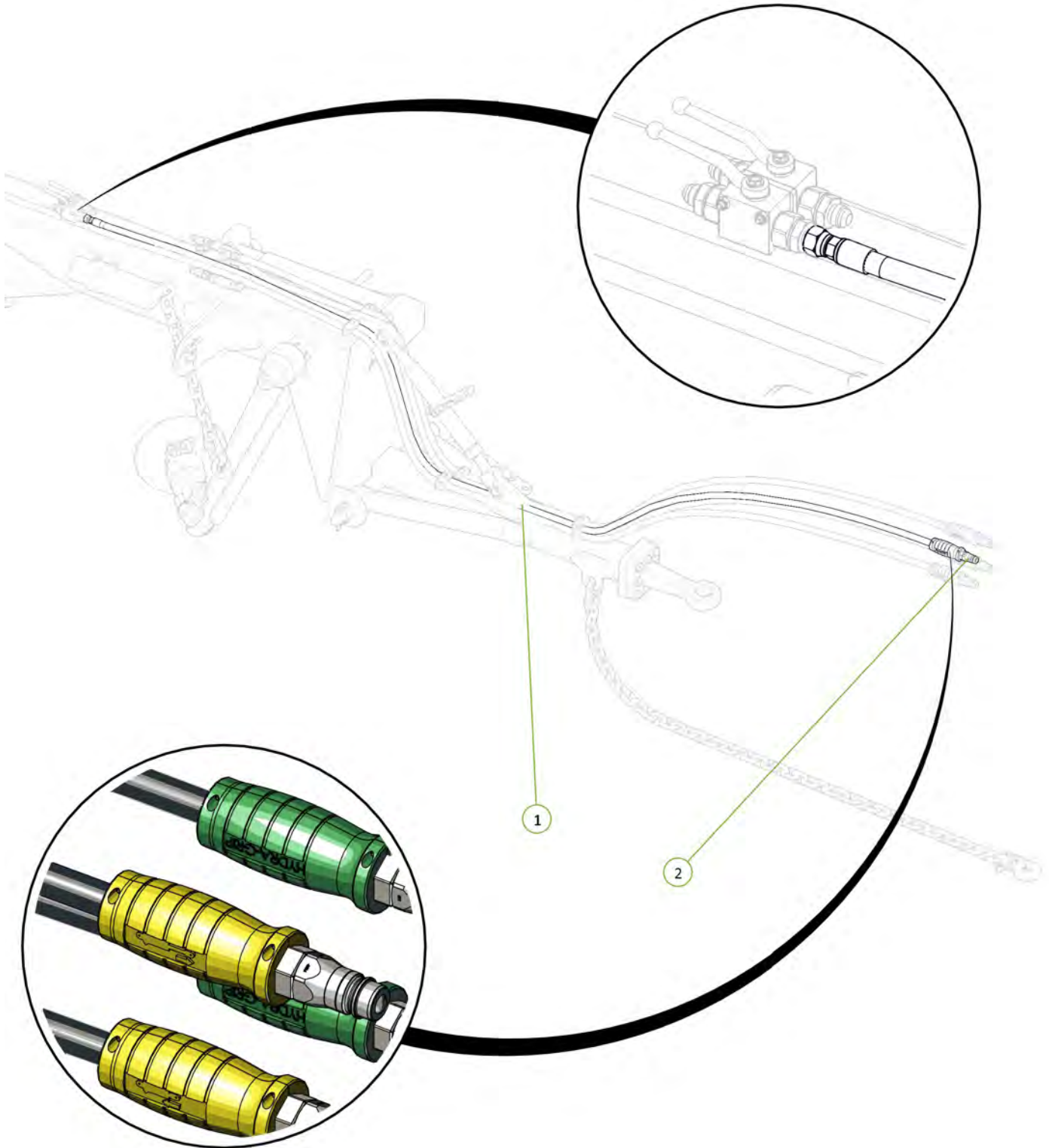
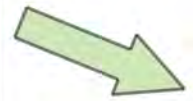
Item No.	Description	Qty	Number
1	Tractor to Wheel Retract	3	
2	BSPB QRC Ball Male Tip	2	0325-R
3	Yellow 1/2" NPT Hydra Grip Pair (Extend/Ret)	2	0325-



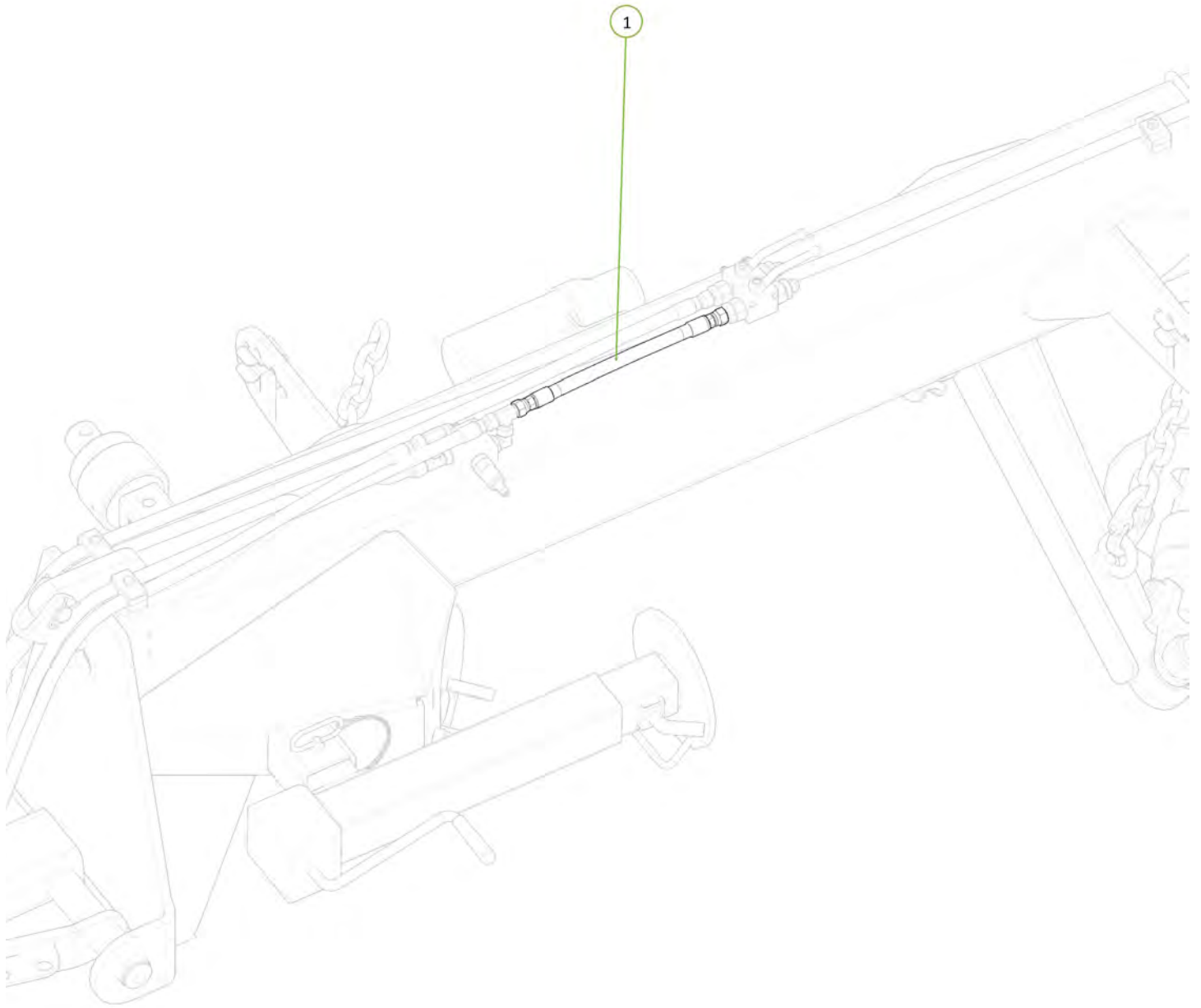
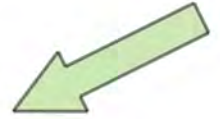
Item No.	Description	Qty	Number
1	Tractor to Pressure Relief Valve Retract	3	
2	BSPB QRC Ball Male Tip	2	0325-R



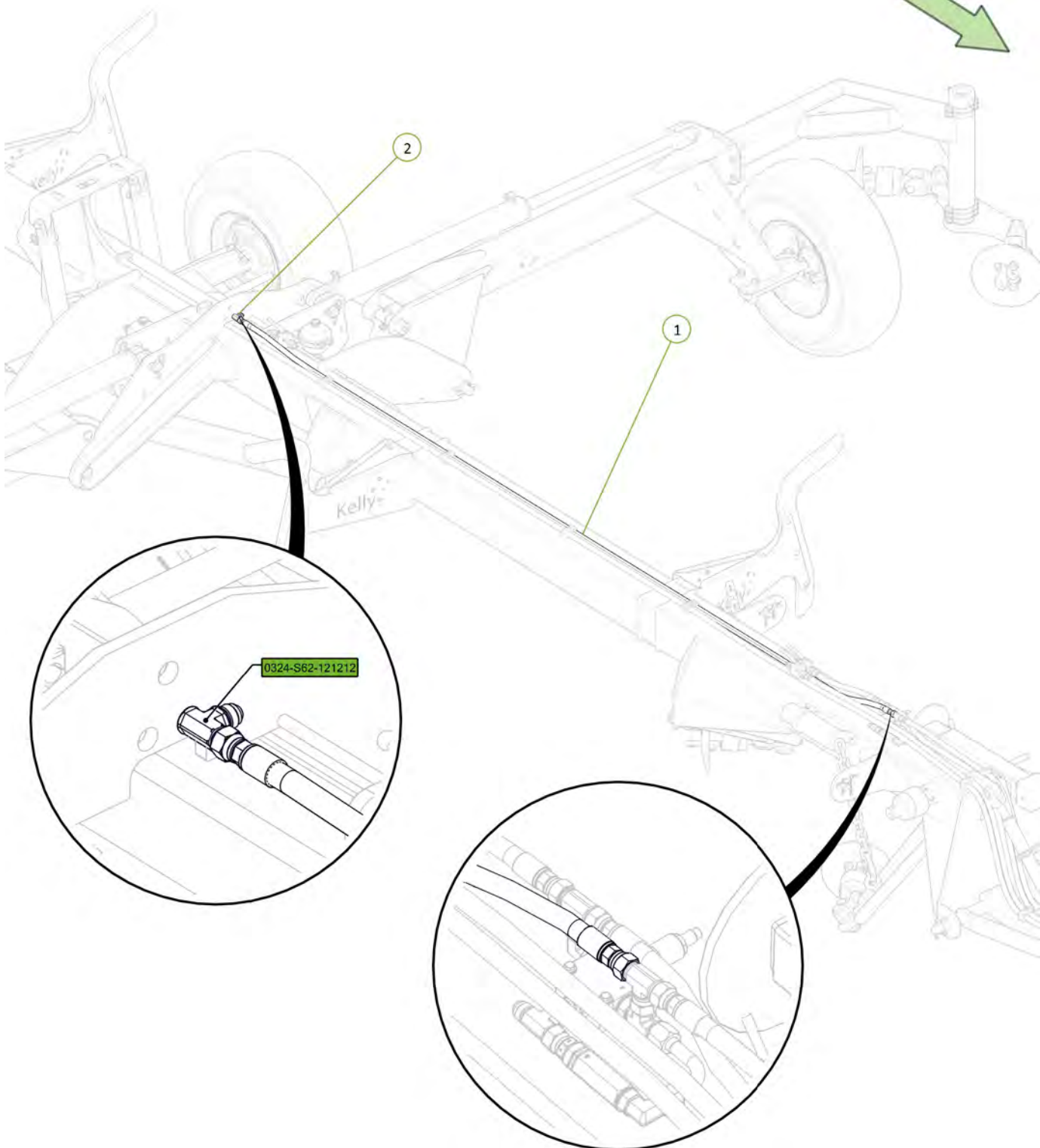
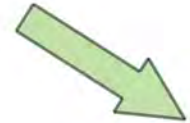
Item No.	Description	Qty	Number
1	Tractor to Wheel Lift Tap Extend	3	
2	BSPB QRC Ball Male Tip	2	0325-R



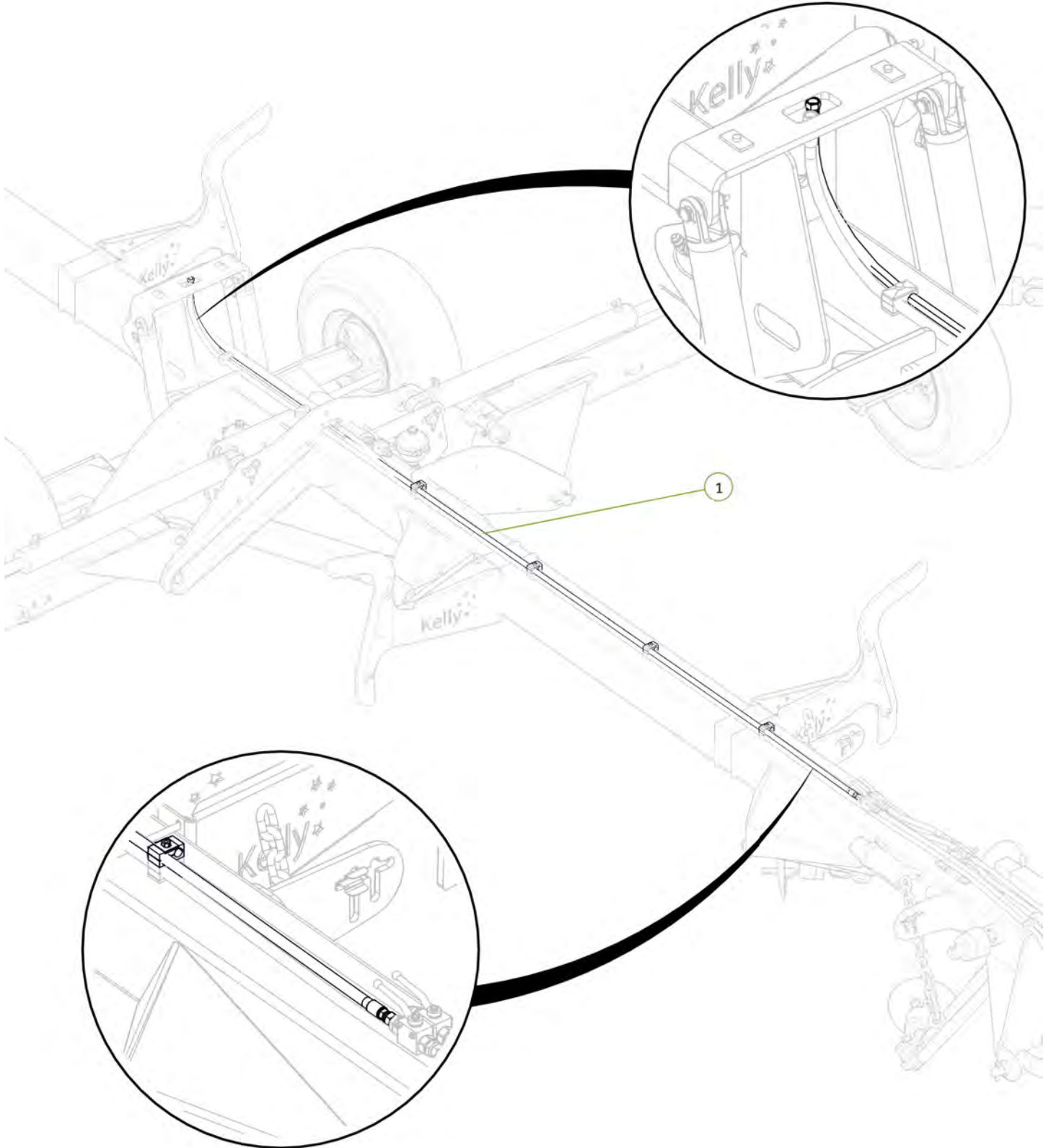
Item No.	Description	Qty	Number
1	Pressure Relief Valve to Tap Retract	3	



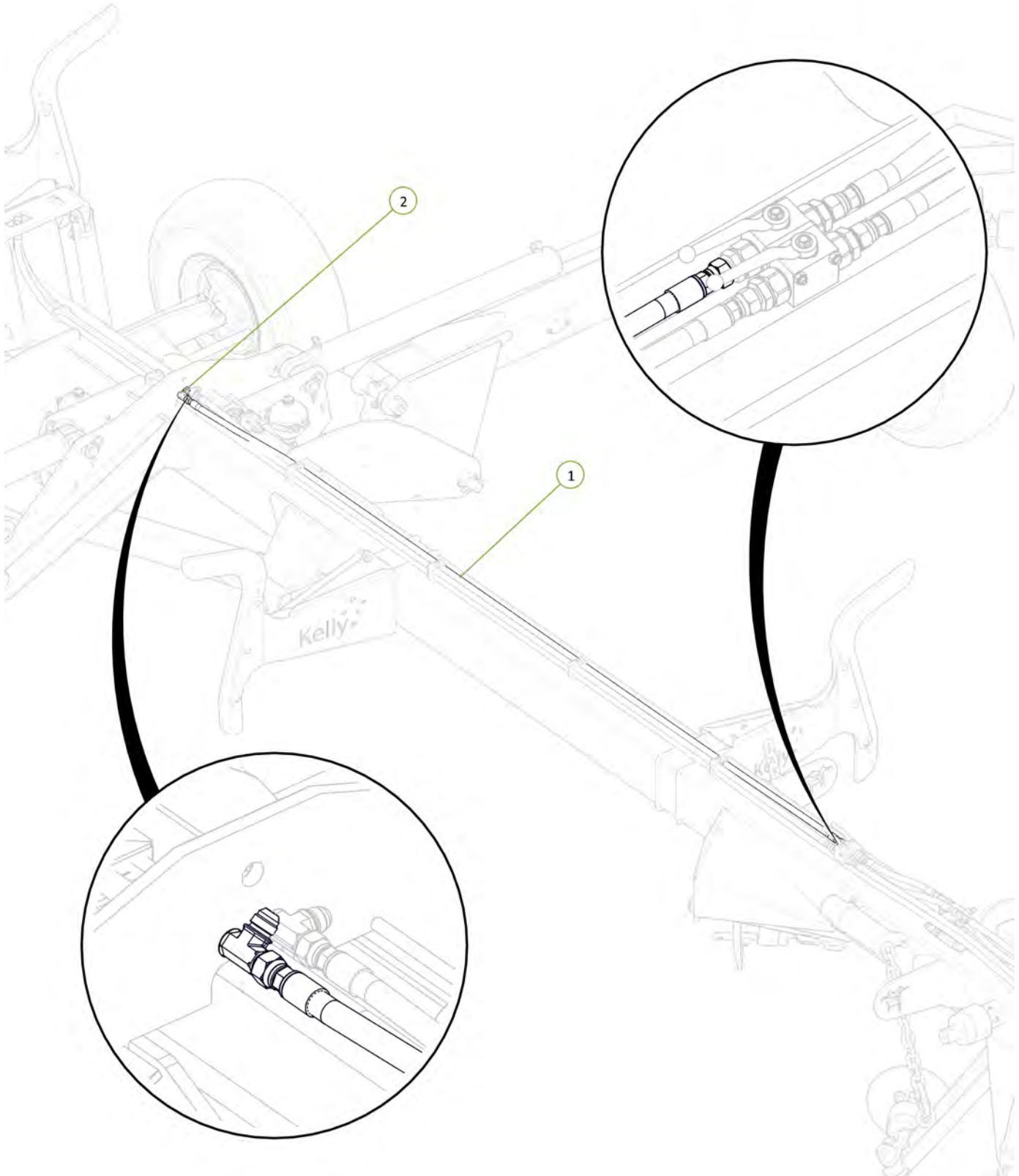
Item No.	Description	Qty	Number
1	Pressure Relief Valve to Bulk Head Fitting Extend	3	
2	3/4" JIC Male Bulkhead Fitting	2	032



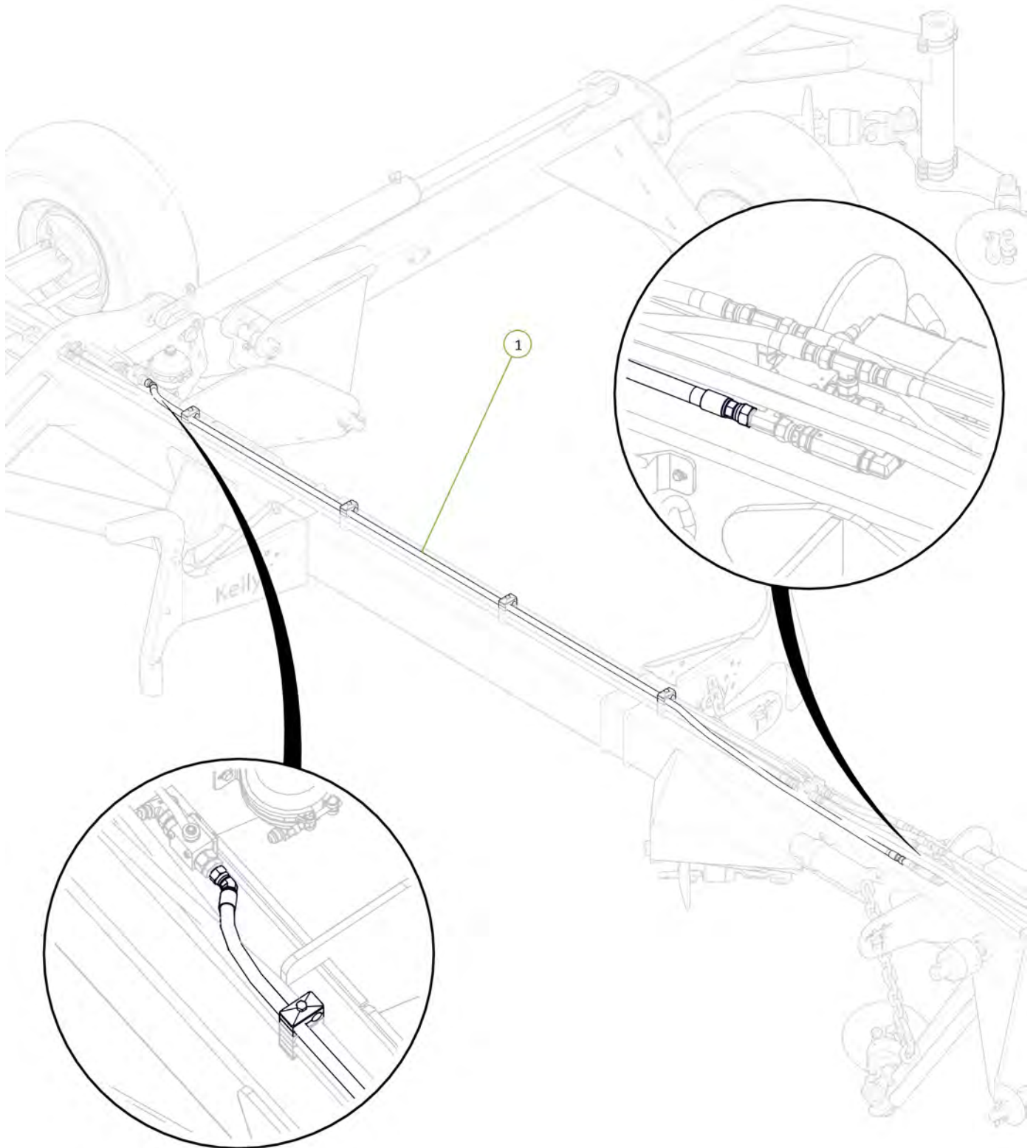
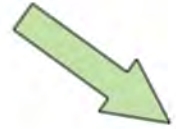
Item No.	Description	Qty	Number
1	Wheel Lift Tap to Wheel Lift Extend	2	



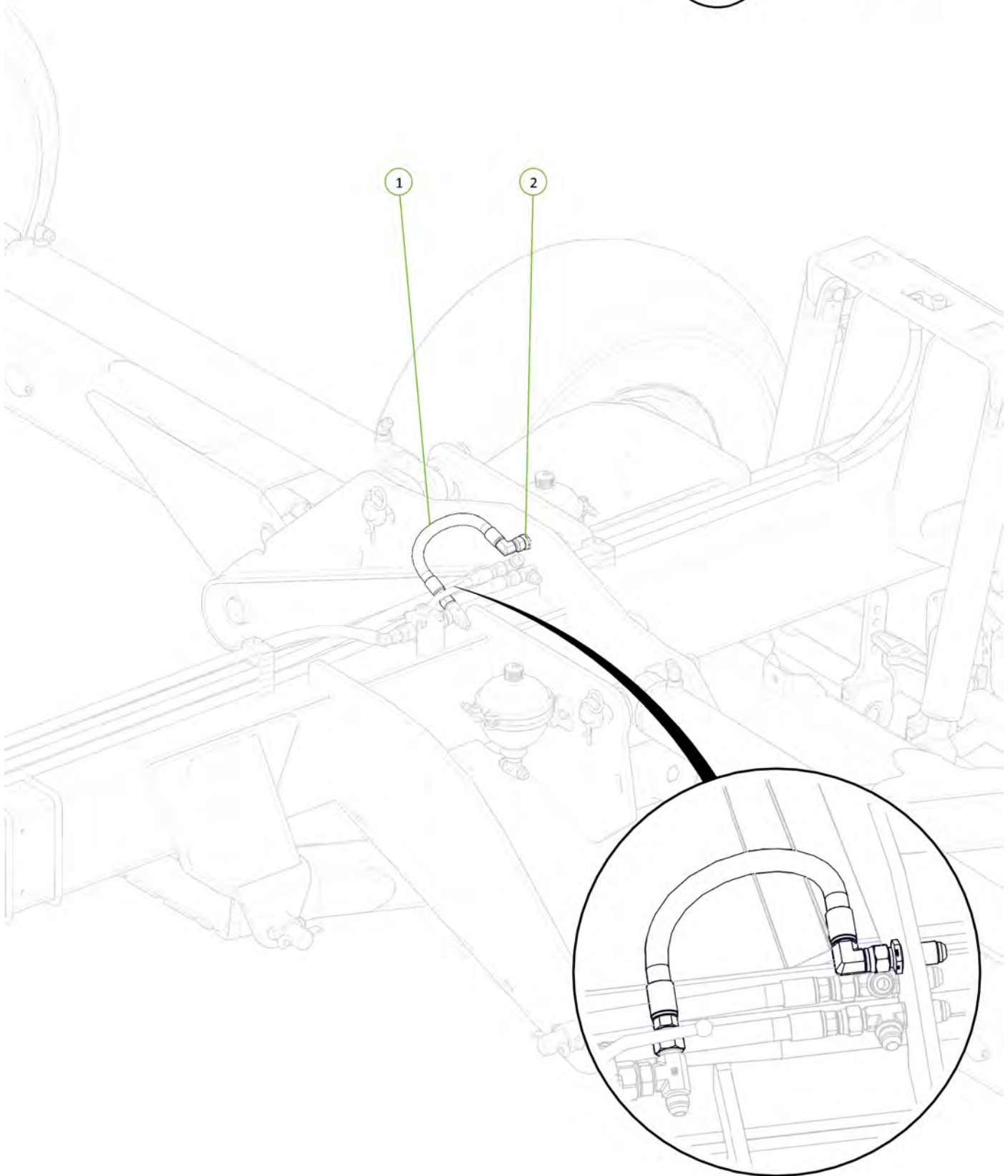
Item No.	Description	Qty	Number
1	Tap to Bulk Head Fitting Retract	2	
2	3/4" JIC Male Bulkhead Fitting	1	0324-S62-121212



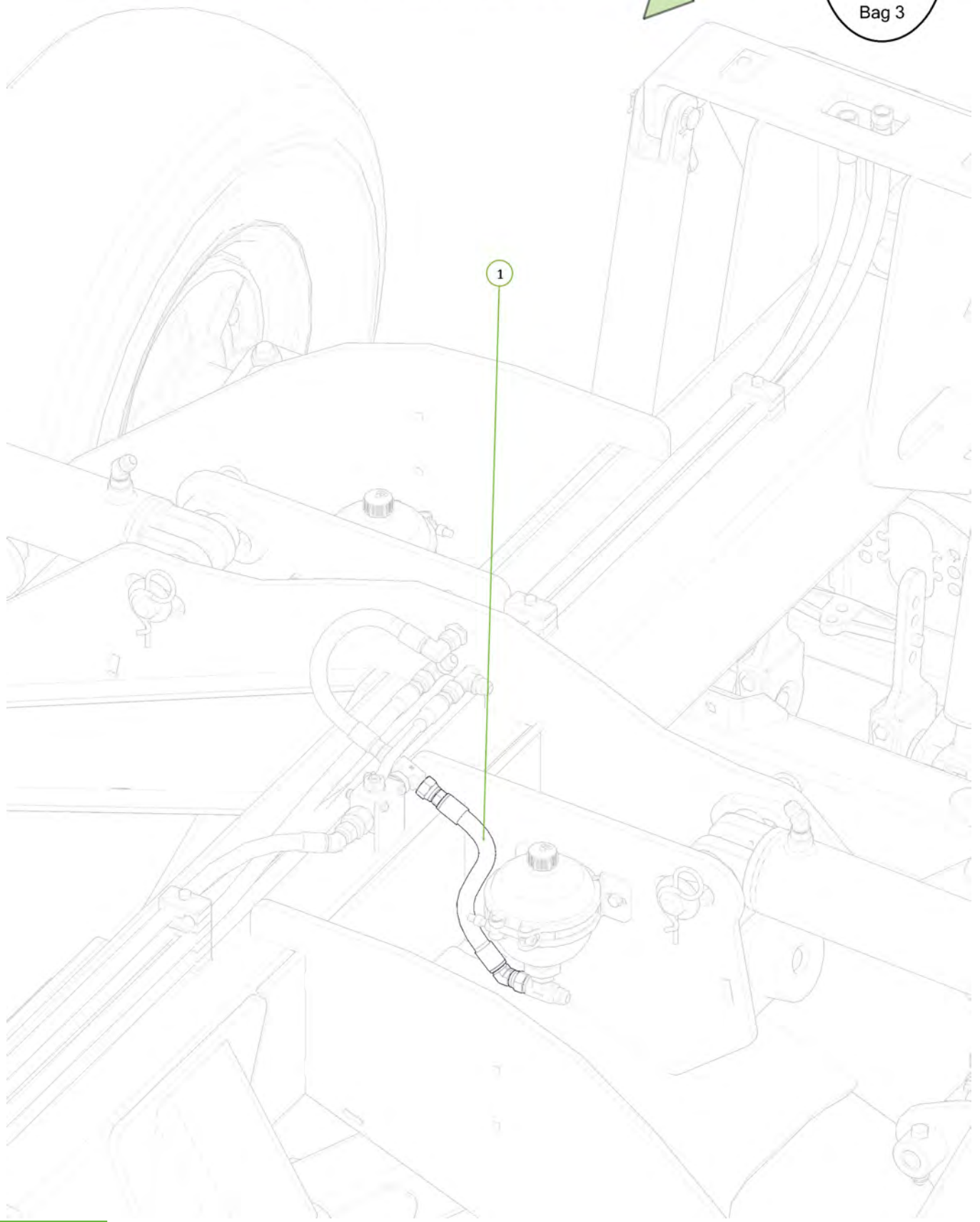
Item No.	Description	Qty	Number
1	Pressure to Tap	1	H6-EU-20



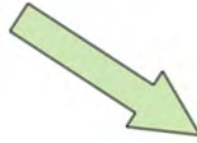
Item No.	Description	Qty	Number
1	Tension Tap to Bulkhead Fitting	1	H6-EU-18
2	3/4" JIC Male Bulkhead 3/4" JIC Male	1	0323-S10-1212



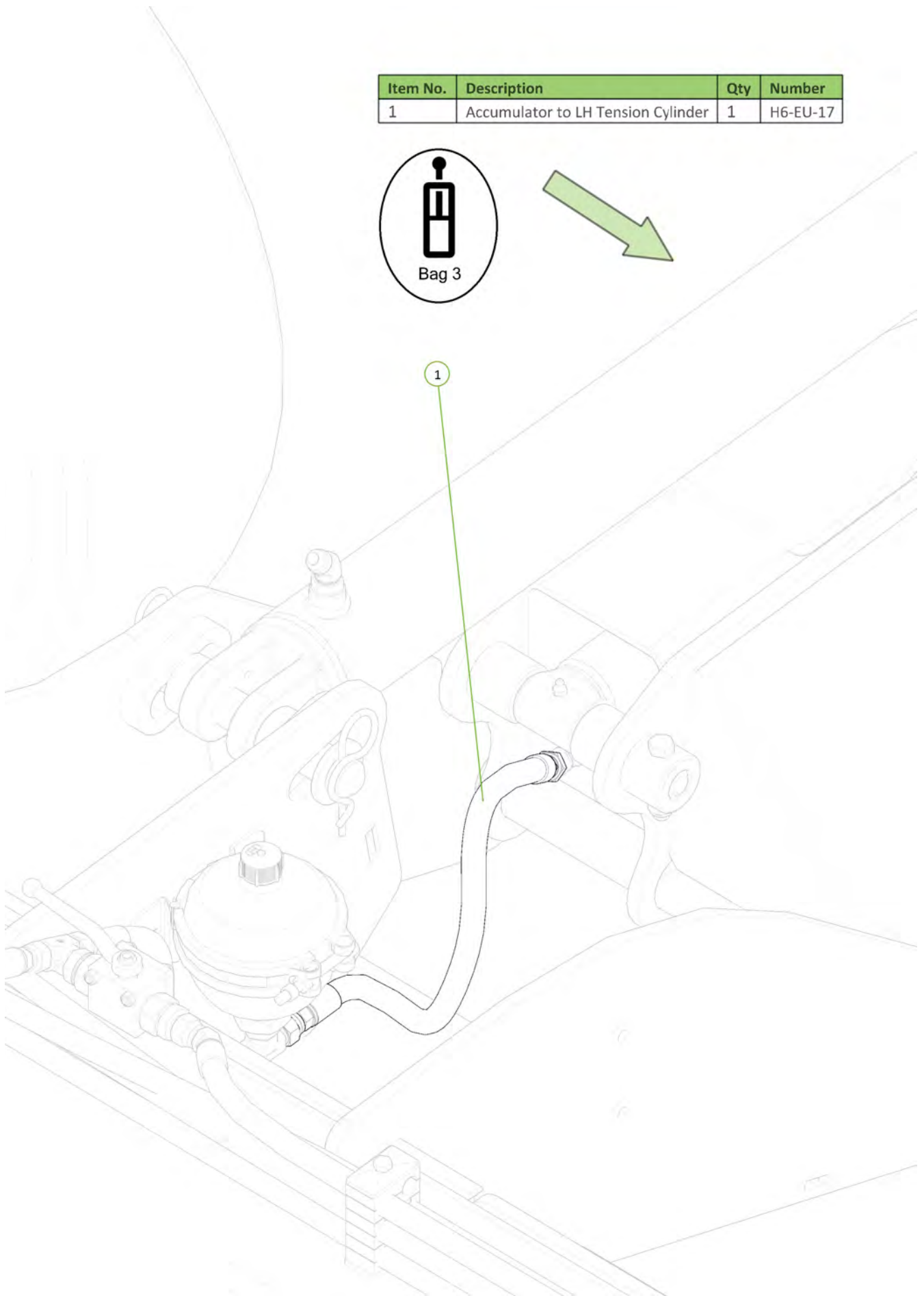
Item No.	Description	Qty	Number
1	Tension Tap to Accumulator	1	H6-EU-16



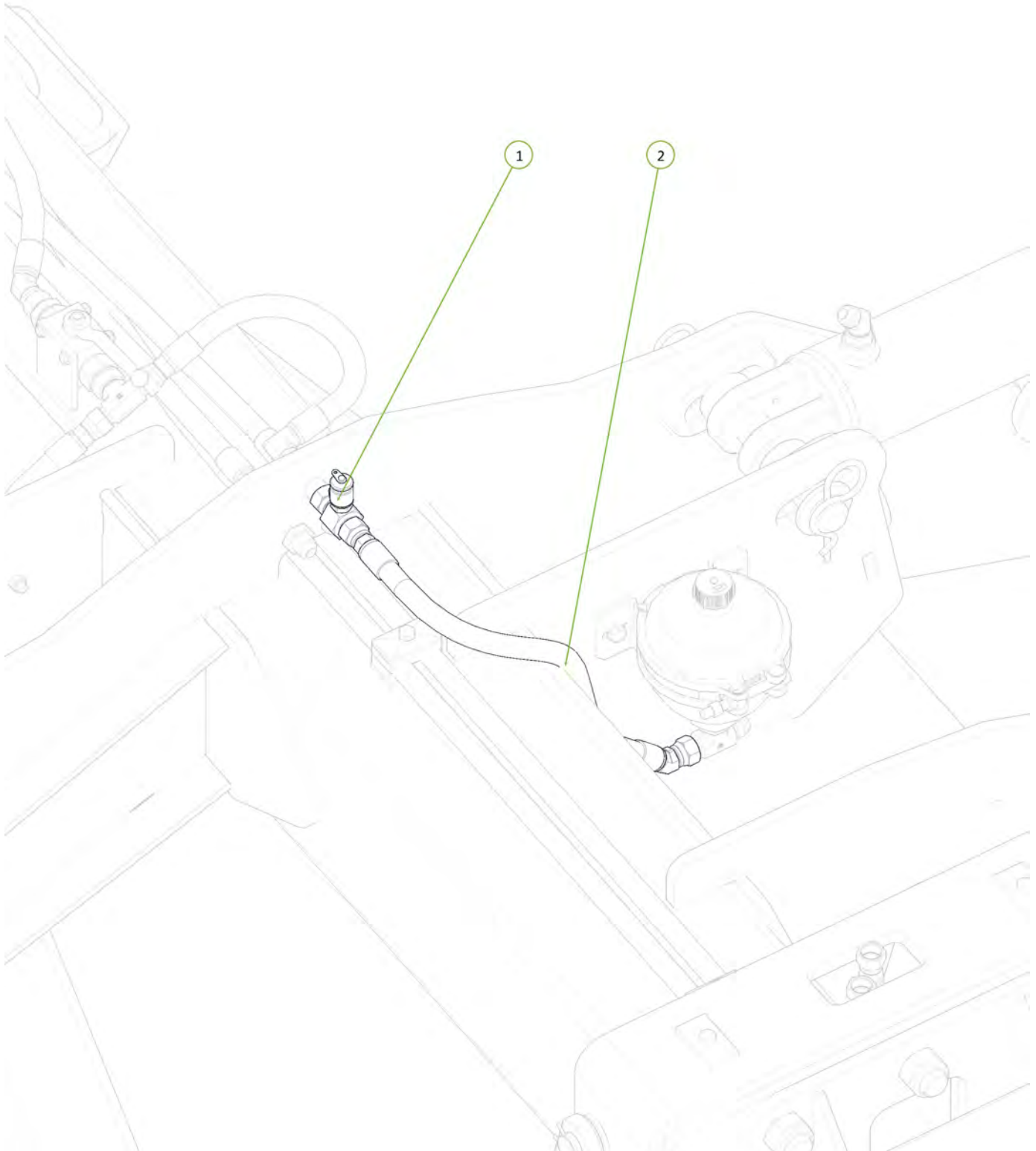
Item No.	Description	Qty	Number
1	Accumulator to LH Tension Cylinder	1	H6-EU-17



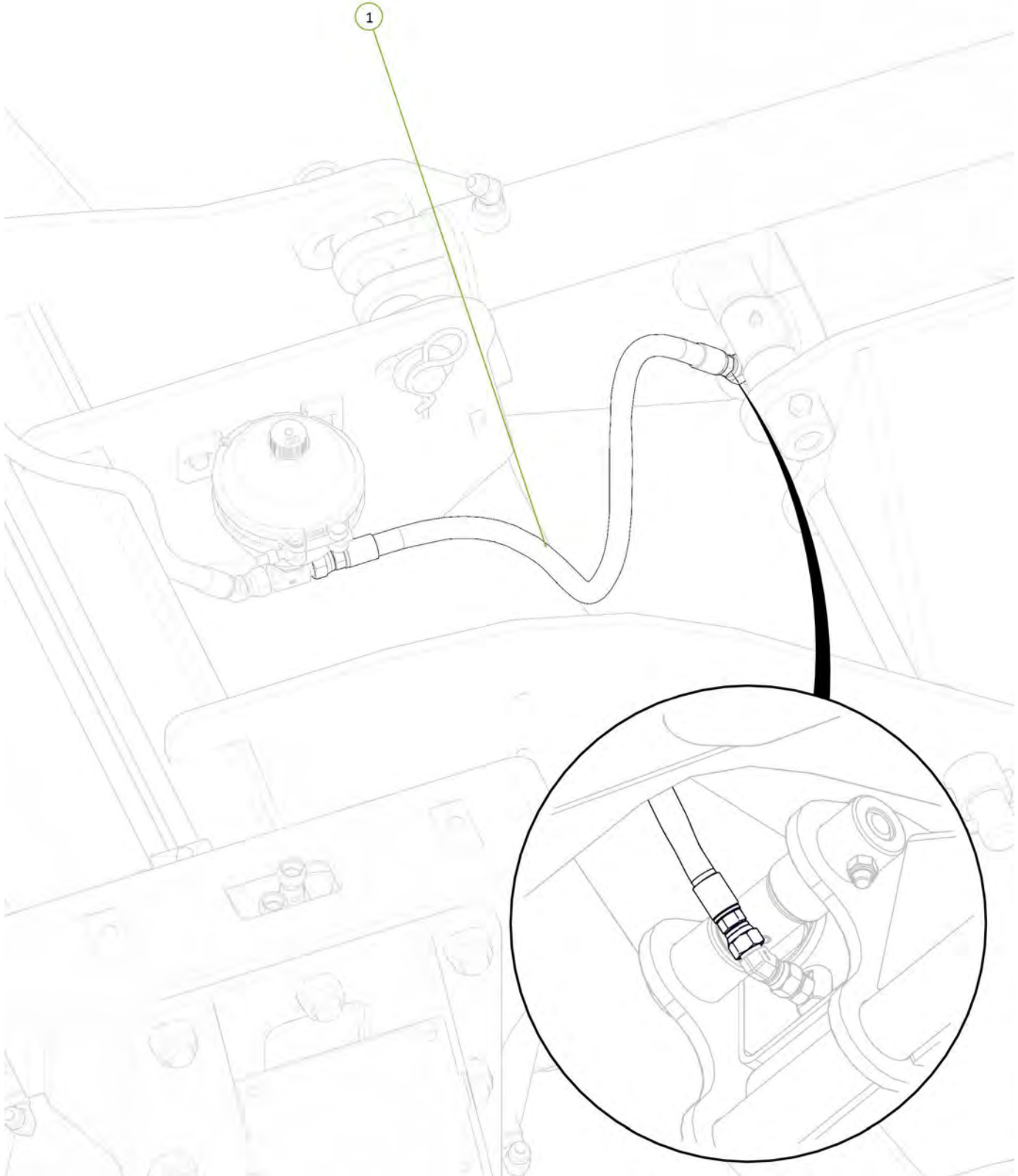
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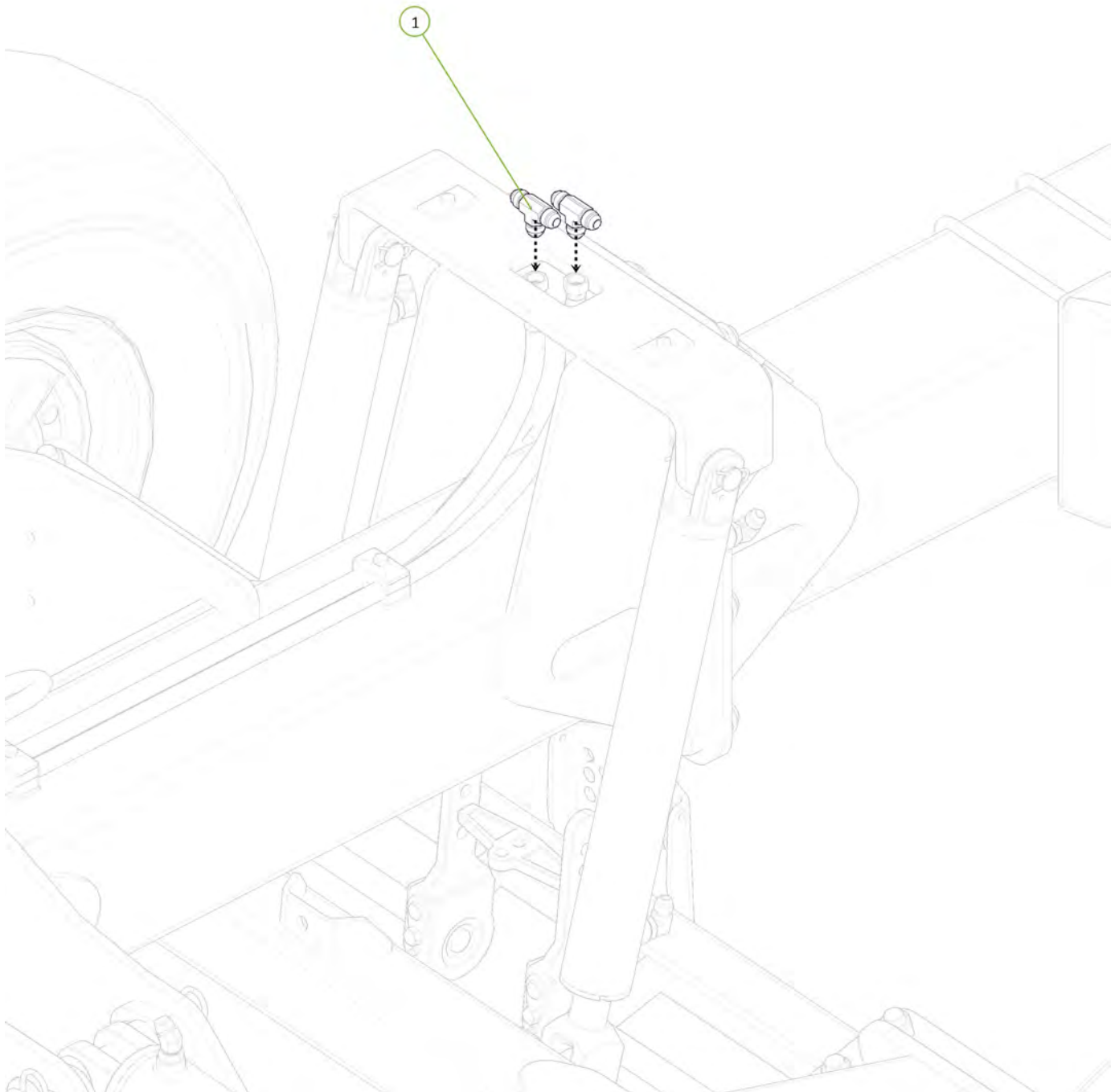
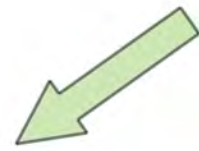
Item No.	Description	Qty	Number
1	Inline Test Point JIC	1	0325-S159-121216
2	Bulkhead to RH Accumulator	1	H6-EU-19



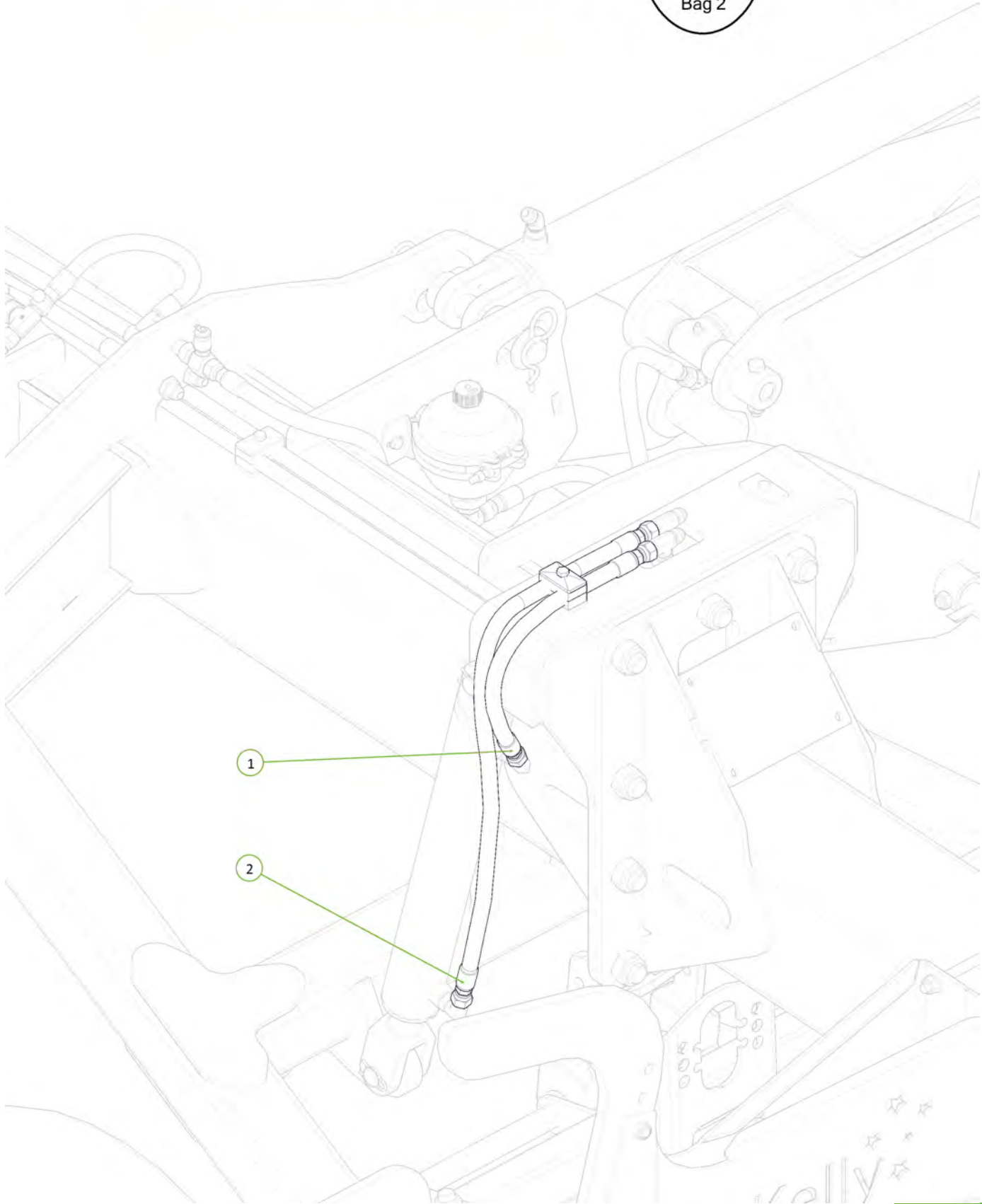
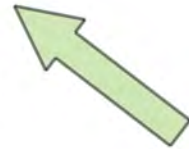
Item No.	Description	Qty	Number
1	Right Hand Accumulator to Right Hand Tension Cylinder	1	H6-EU-21



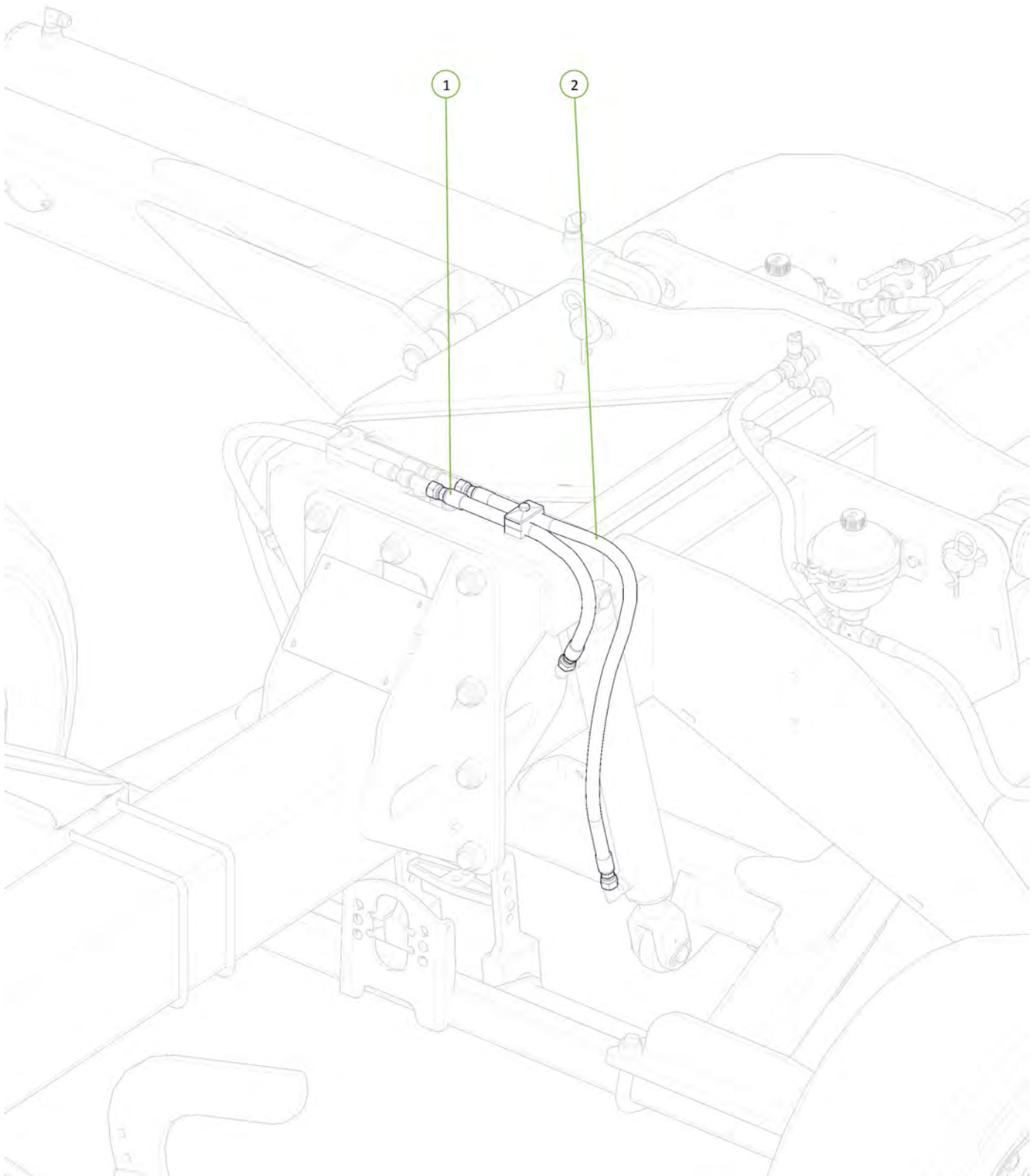
Item No.	Description	Qty	Number
1	3/4" JIC Male Tee	2	0324-S19-121212



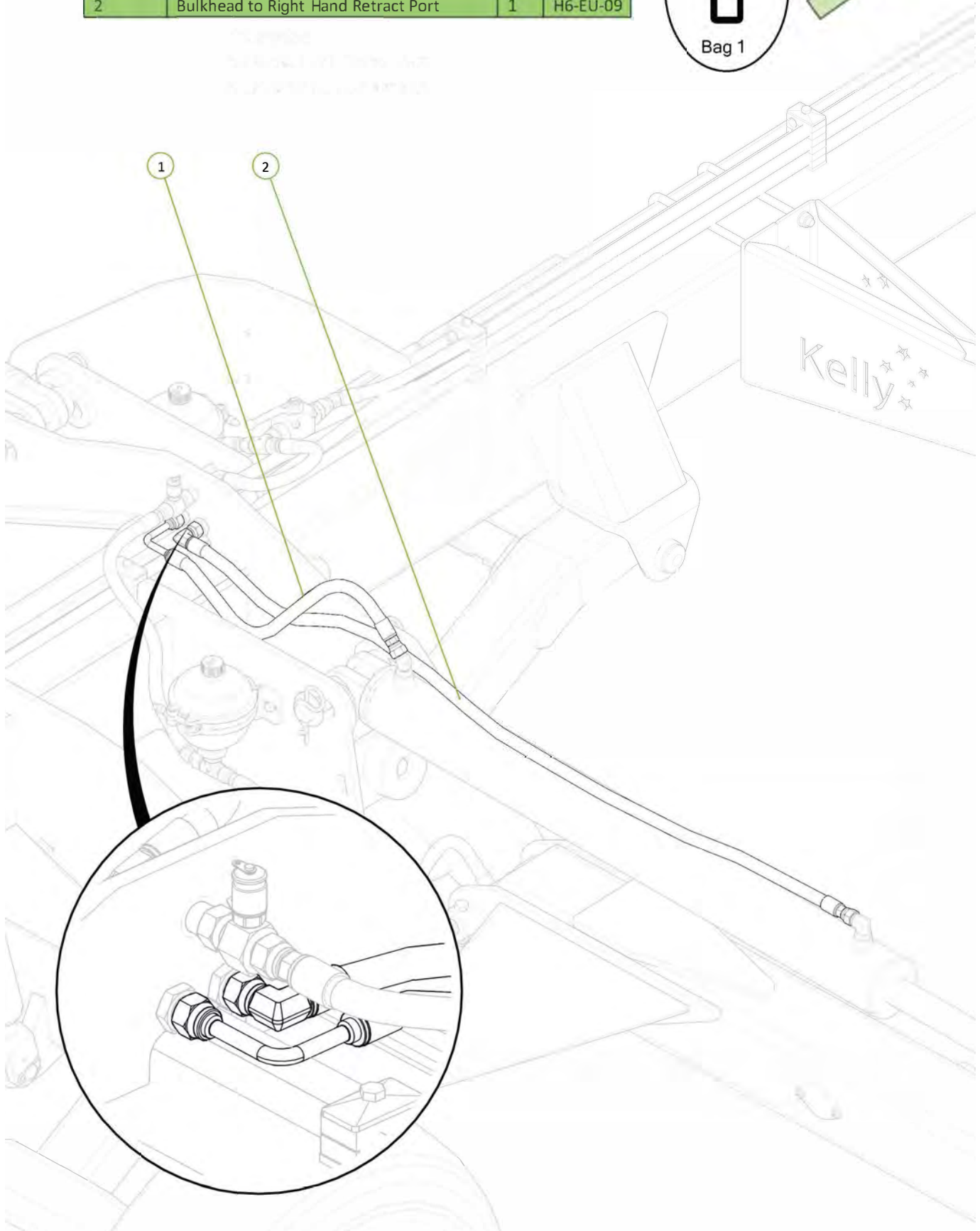
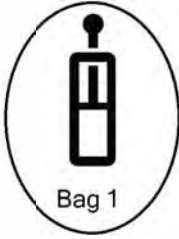
Item No.	Description	Qty	Number
1	Extend Tee to Cylinder Extend	1	H6-EU-15
2	Retract Tee to Cylinder Retract	1	H6-EU-14



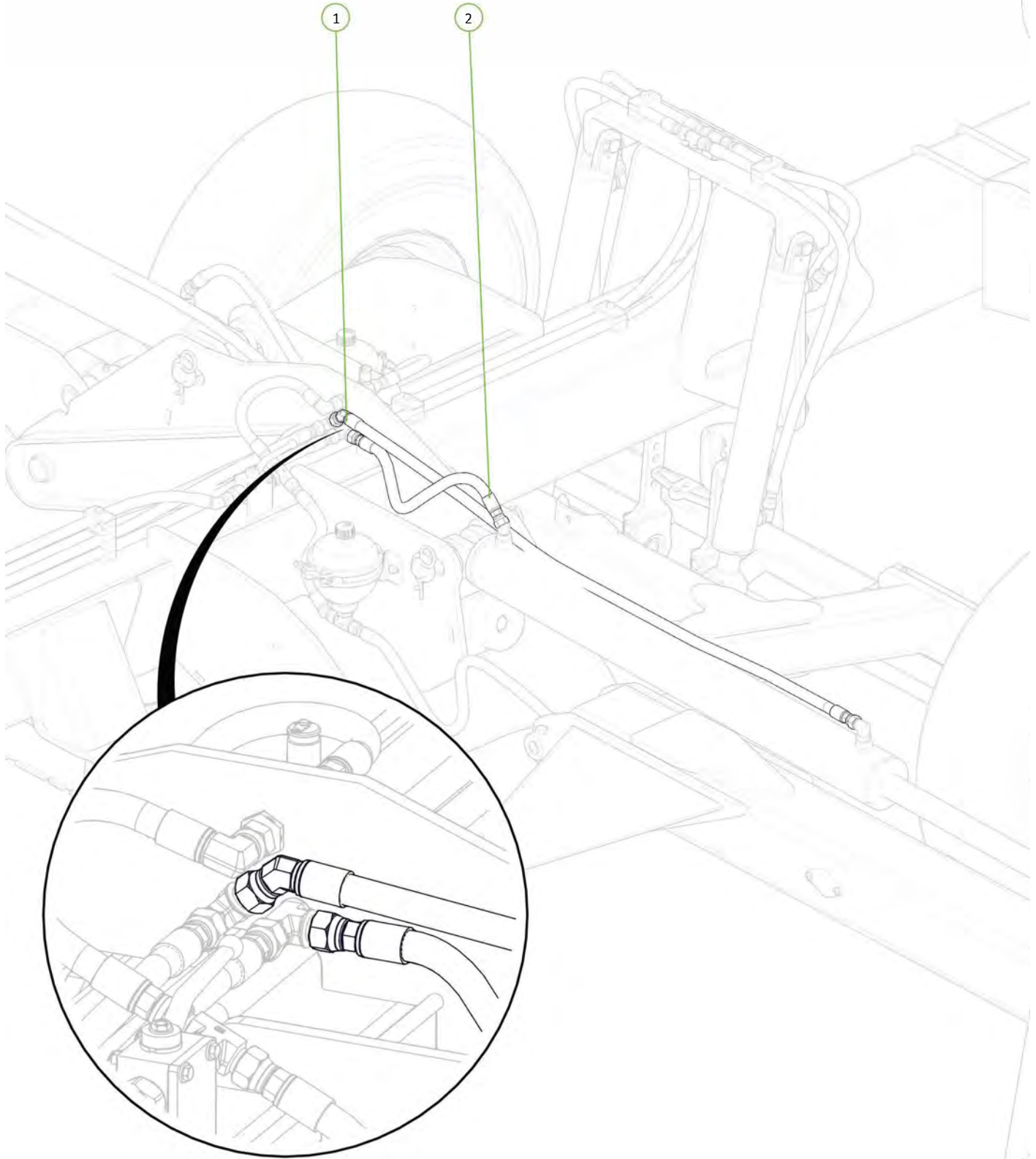
Item No.	Description	Qty	Number
1	Extend Tee to Cylinder Extend	1	H6-EU-15
2	Retract Tee to Cylinder Retract	1	H6-EU-14



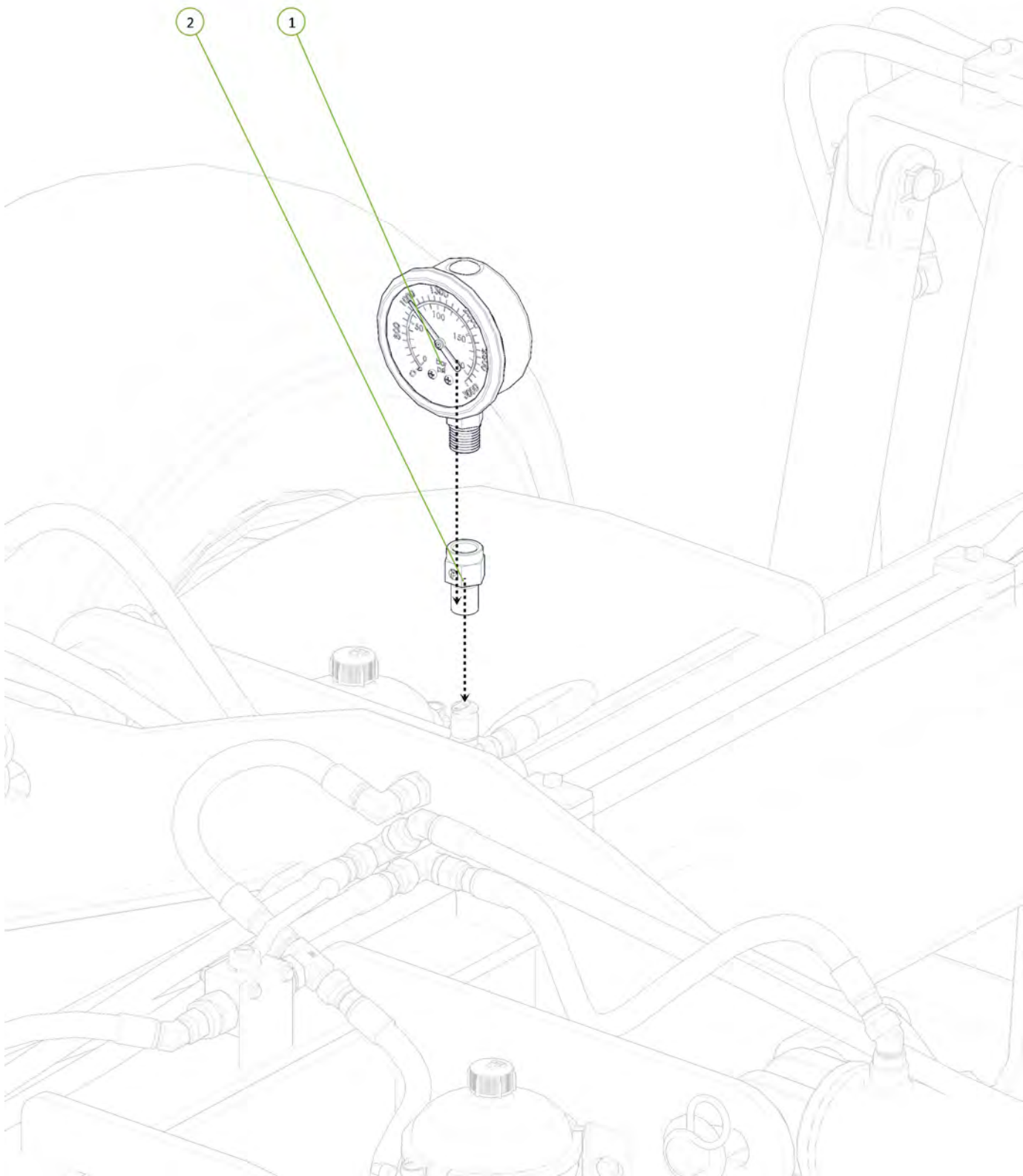
Item No.	Description	Qty	Number
1	Bulkhead to Right Hand Extend Port	1	H6-EU-10
2	Bulkhead to Right Hand Retract Port	1	H6-EU-09



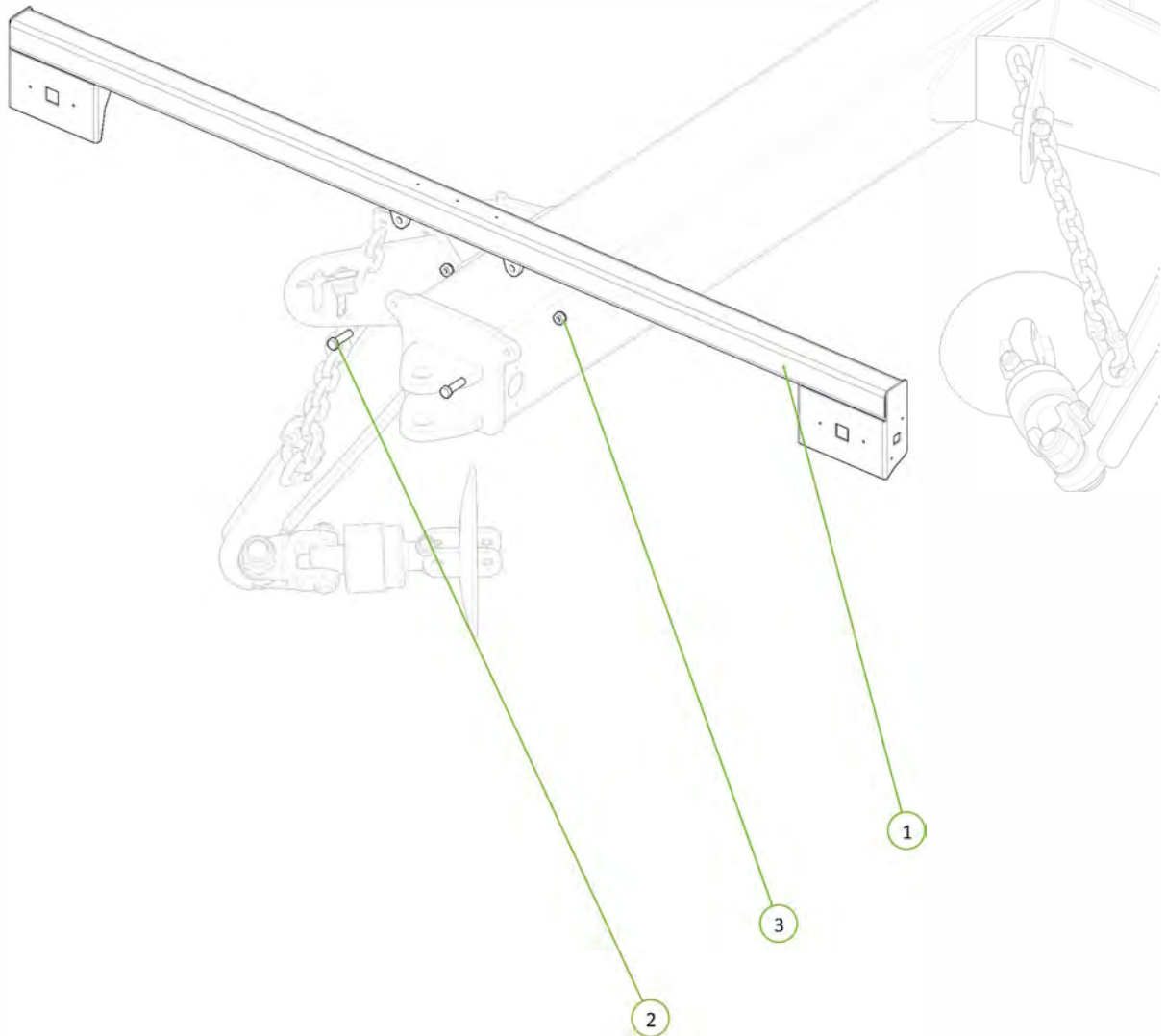
Item No.	Description	Qty	Number
1	Bulkhead to Left Hand Retract Port	1	H6-EU-07
2	Bulkhead to Left Hand Extend Port	1	H6-EU-08



Item No.	Description	Qty	Number
1	Hydraulic Pressure Gauge 100mm x 250Bar	1	0325-GAUGE100-250-G
2	M16x2 Female 1/2" BSPP Female Gauge Adaptor	1	0325-C81-1608

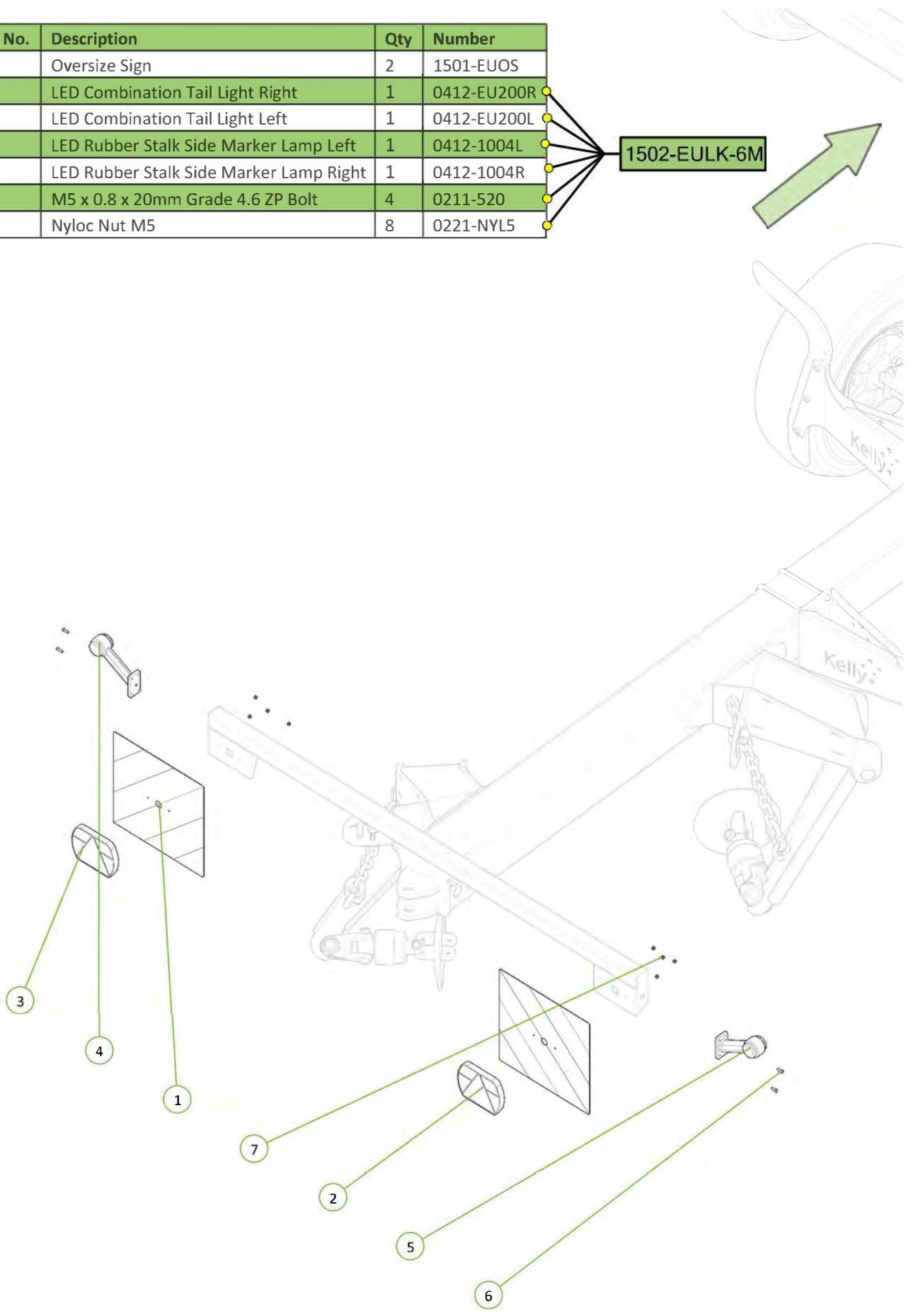


Item No.	Description	Qty	Number
1	Sign and Light Bar	1	1510-27
2	M12 x 45 Grade 8.8 ZP Bolt	2	0211-1245
3	Nyloc Nut M12	2	0221-NYL12

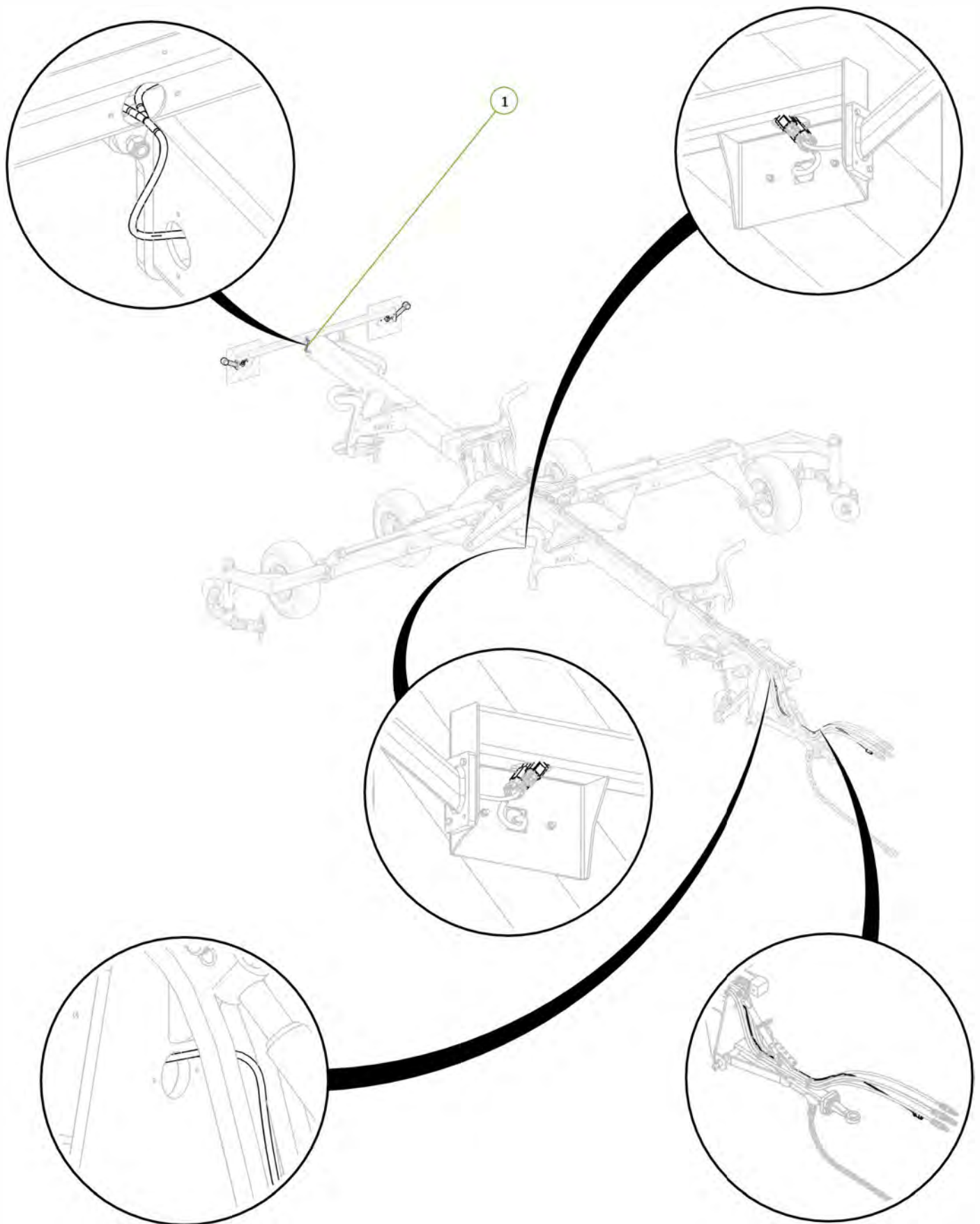


Item No.	Description	Qty	Number
1	Oversize Sign	2	1501-EUOS
2	LED Combination Tail Light Right	1	0412-EU200R
3	LED Combination Tail Light Left	1	0412-EU200L
4	LED Rubber Stalk Side Marker Lamp Left	1	0412-1004L
5	LED Rubber Stalk Side Marker Lamp Right	1	0412-1004R
6	M5 x 0.8 x 20mm Grade 4.6 ZP Bolt	4	0211-520
7	Nyloc Nut M5	8	0221-NYL5

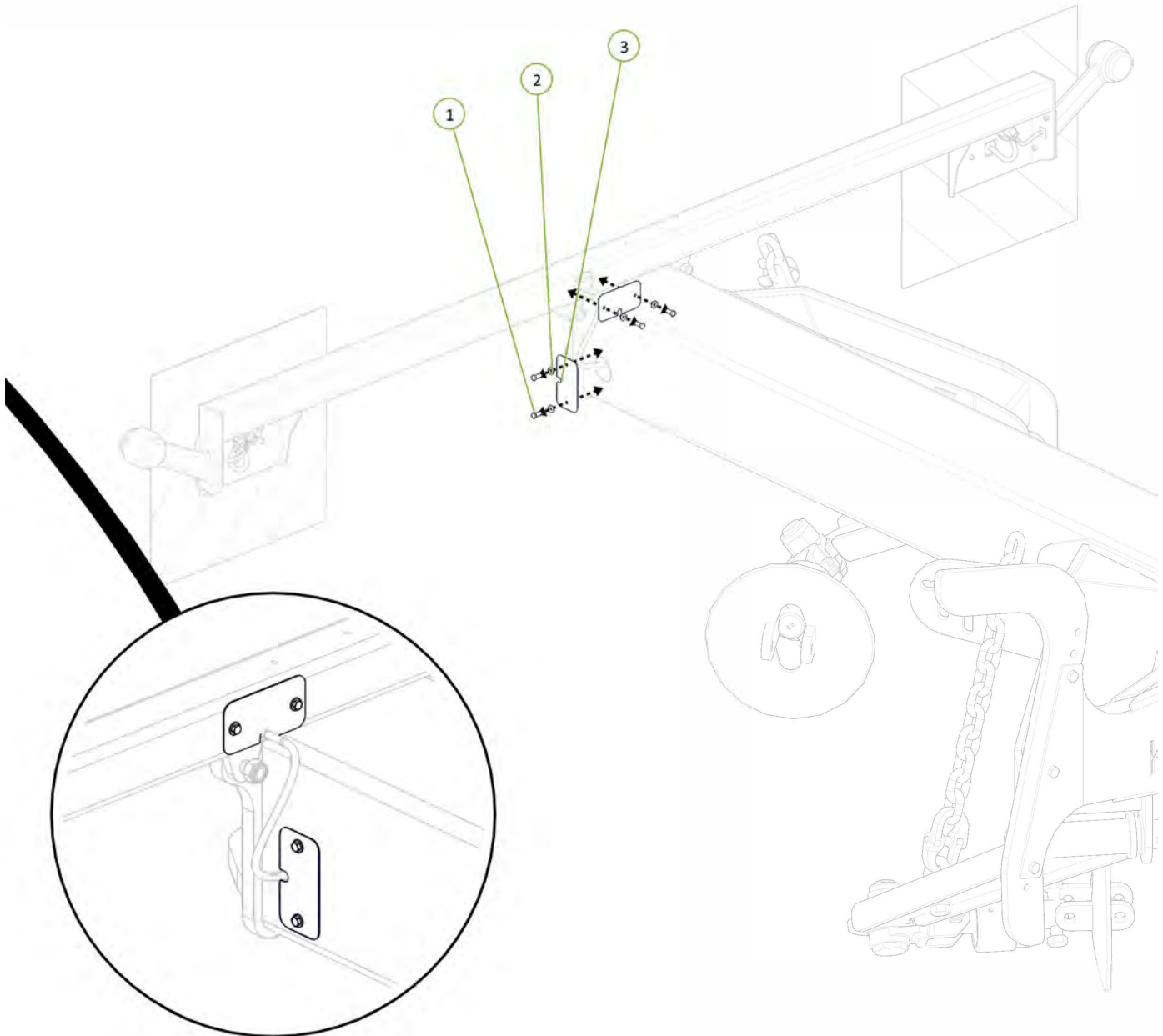
1502-EULK-6M



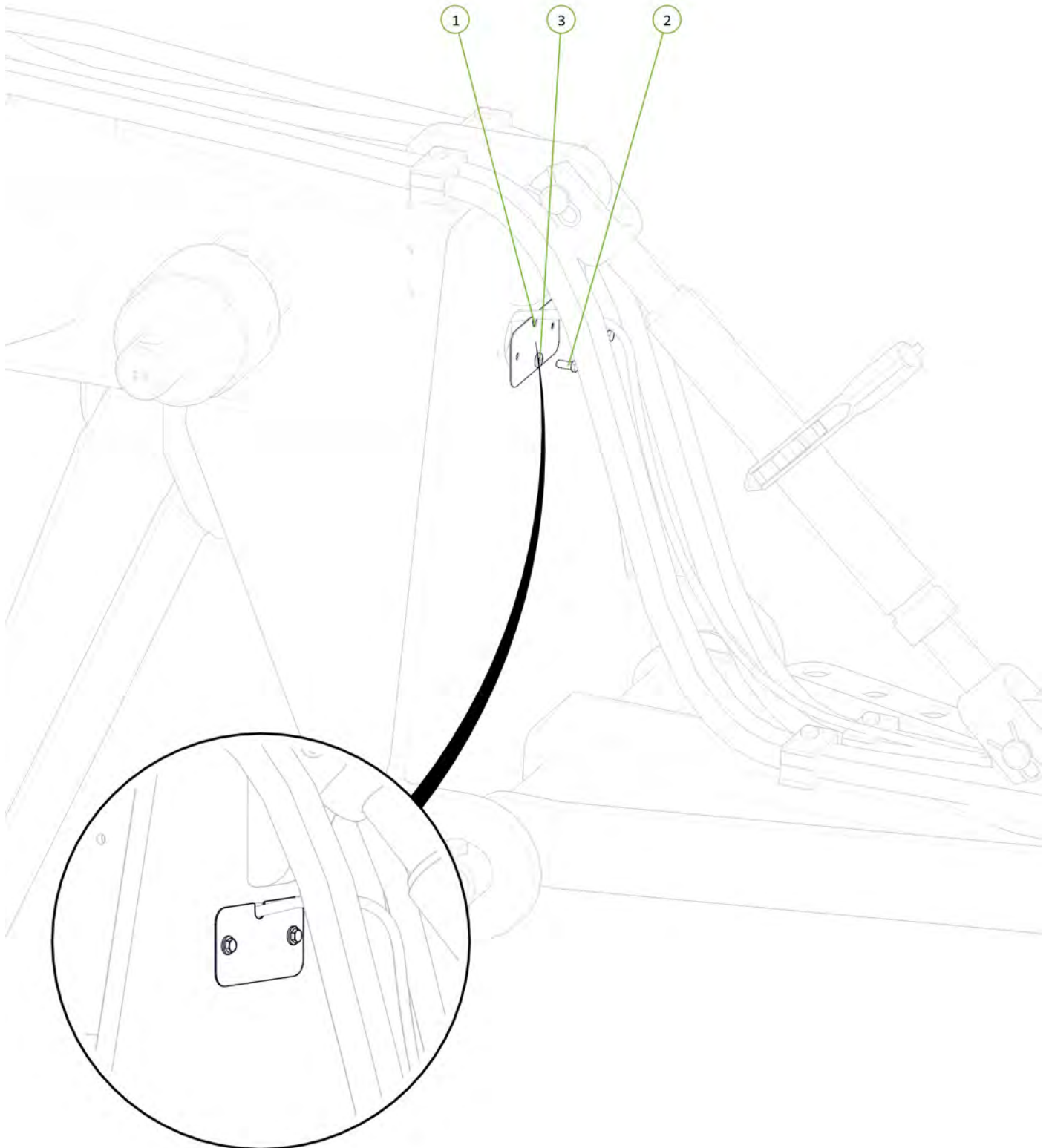
Item No.	Description	Qty	Number
1	Light Kit	1	1502-EULK-6M



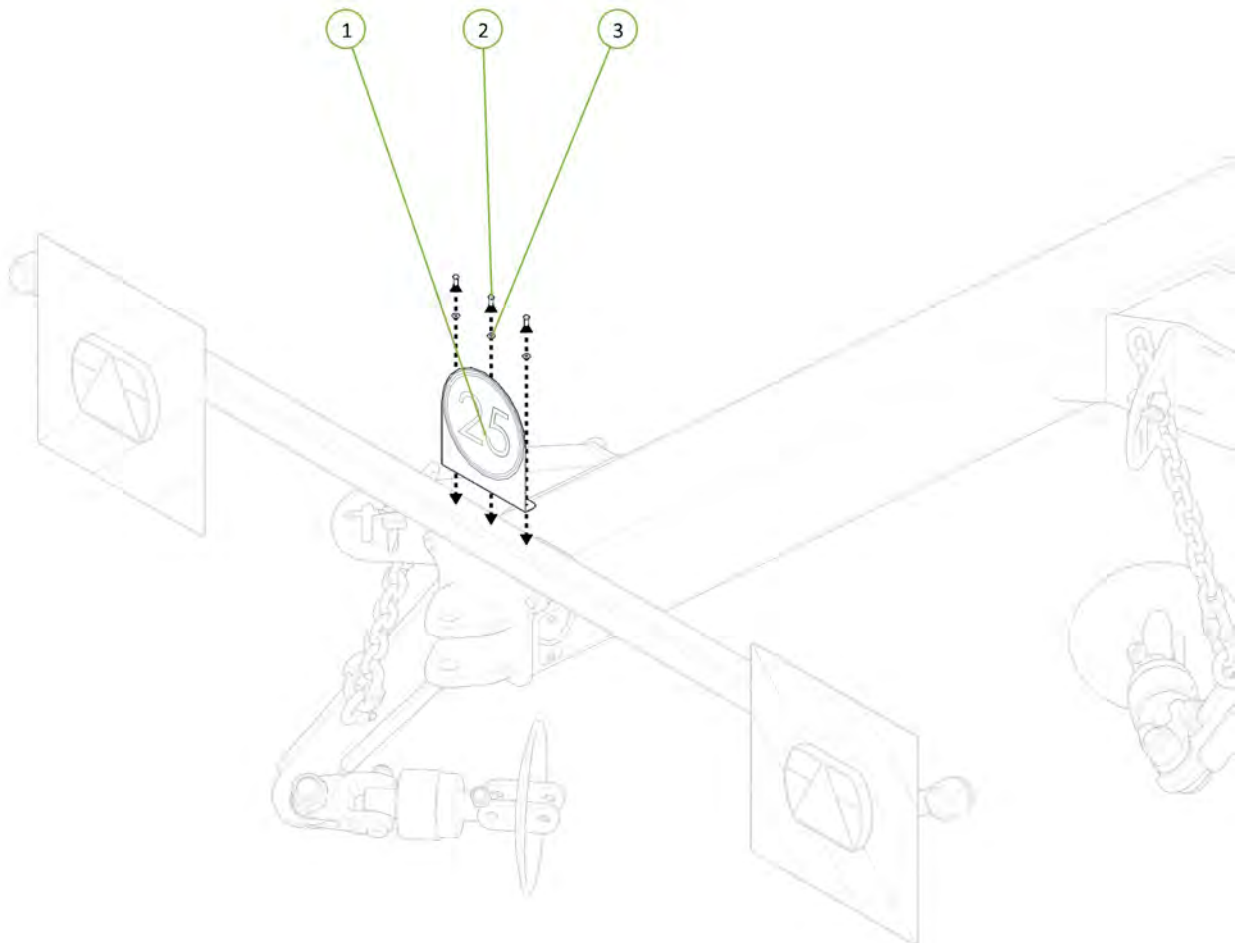
Item No.	Description	Qty	Number
1	M6 x 1 x 15mm Grade 4.6 ZP Bolt	4	0211-615
2	Washer Spring M6	4	0231-S6
3	Wiring capping plate	2	1500-122



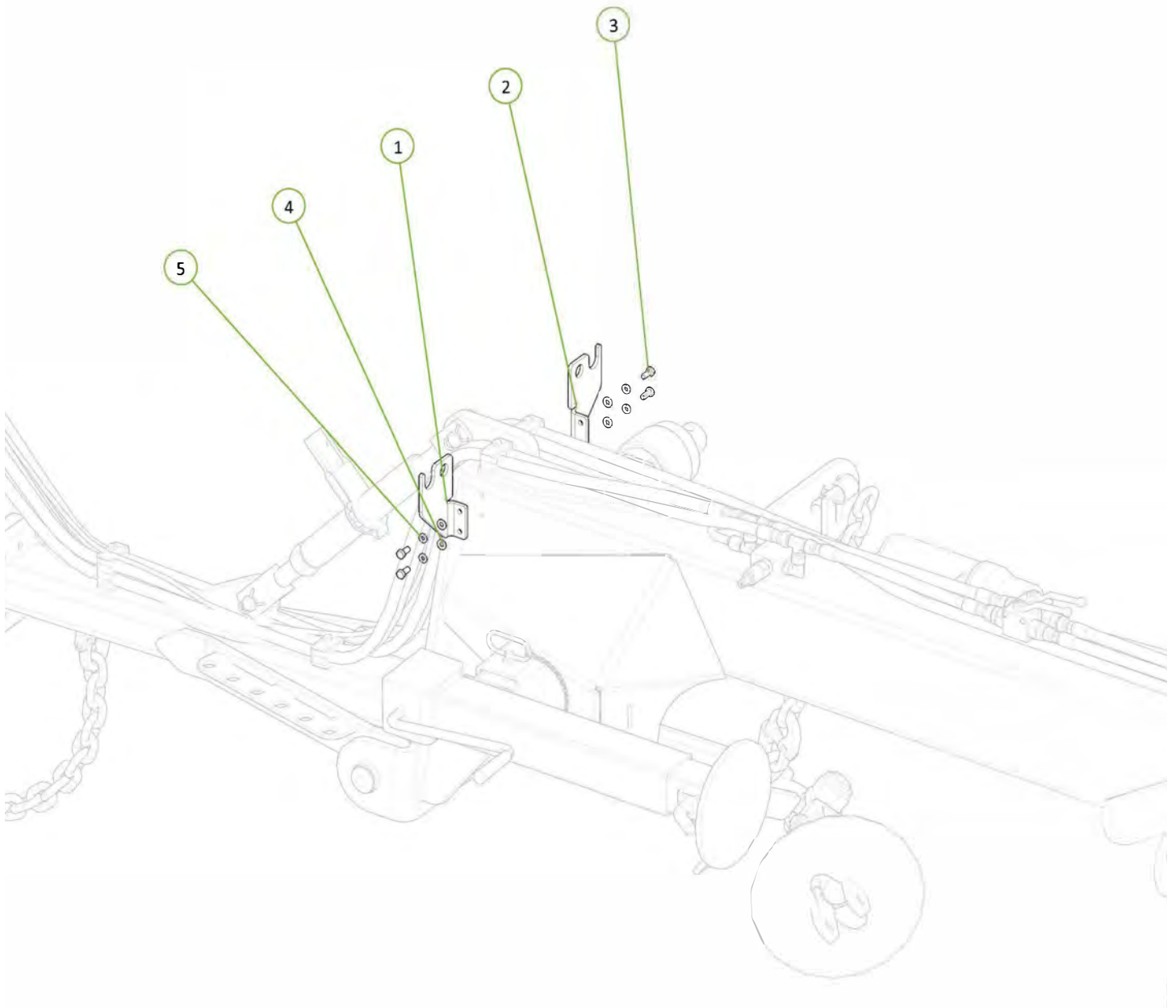
Item No.	Description	Qty	Number
1	Wiring capping plate	1	1500-122
2	M6 x 1 x 15mm Grade 4.6 ZP Bolt	2	0211-615
3	Washer Spring M6	2	0231-S6



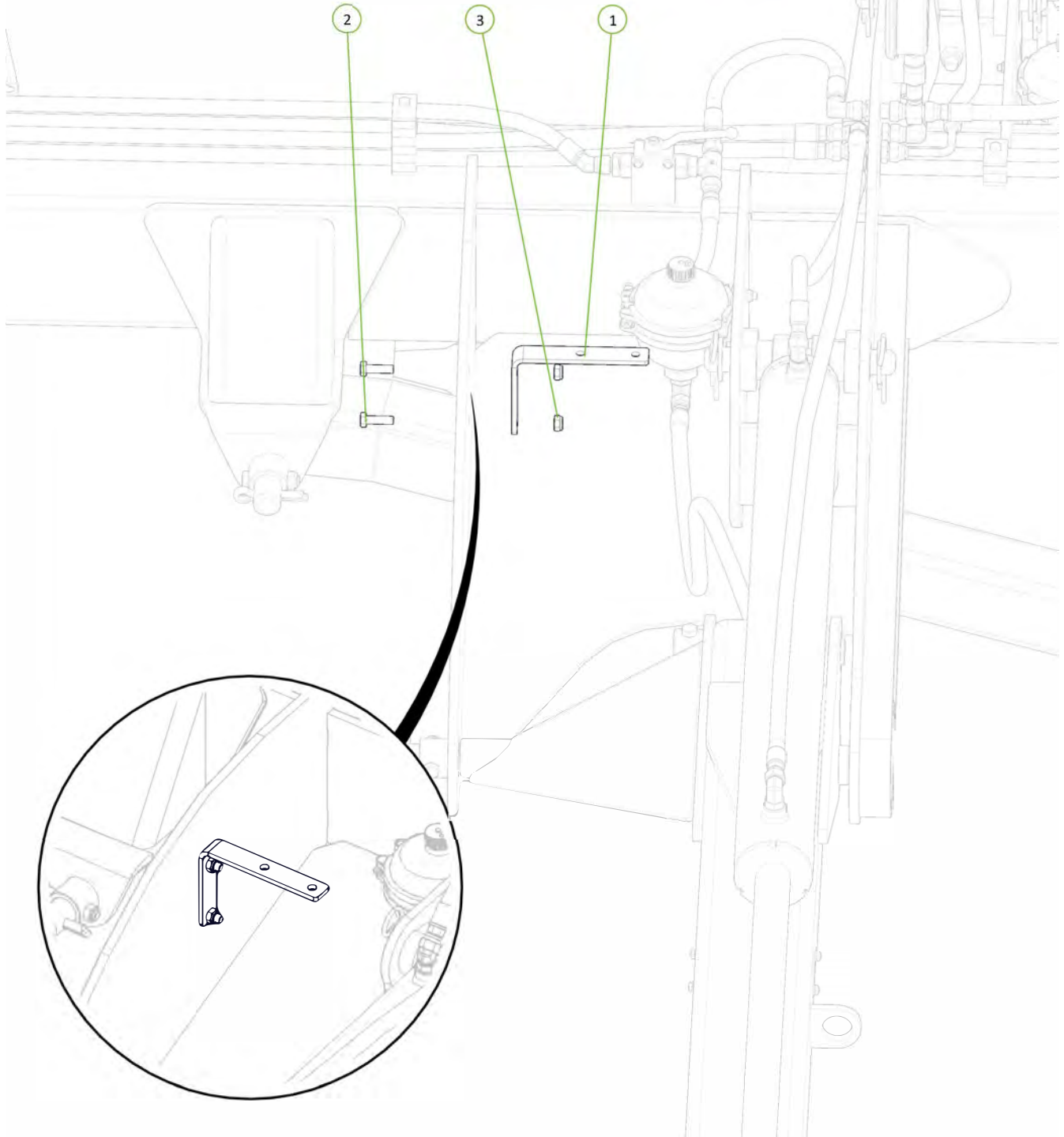
Item No.	Description	Qty	Number
1	Speed Limit Sign Backing Plate	1	1500-335
2	M6 x 1 x 15mm Grade 4.6 ZP Bolt	3	0211-615
3	Washer Spring M6	3	0231-S6



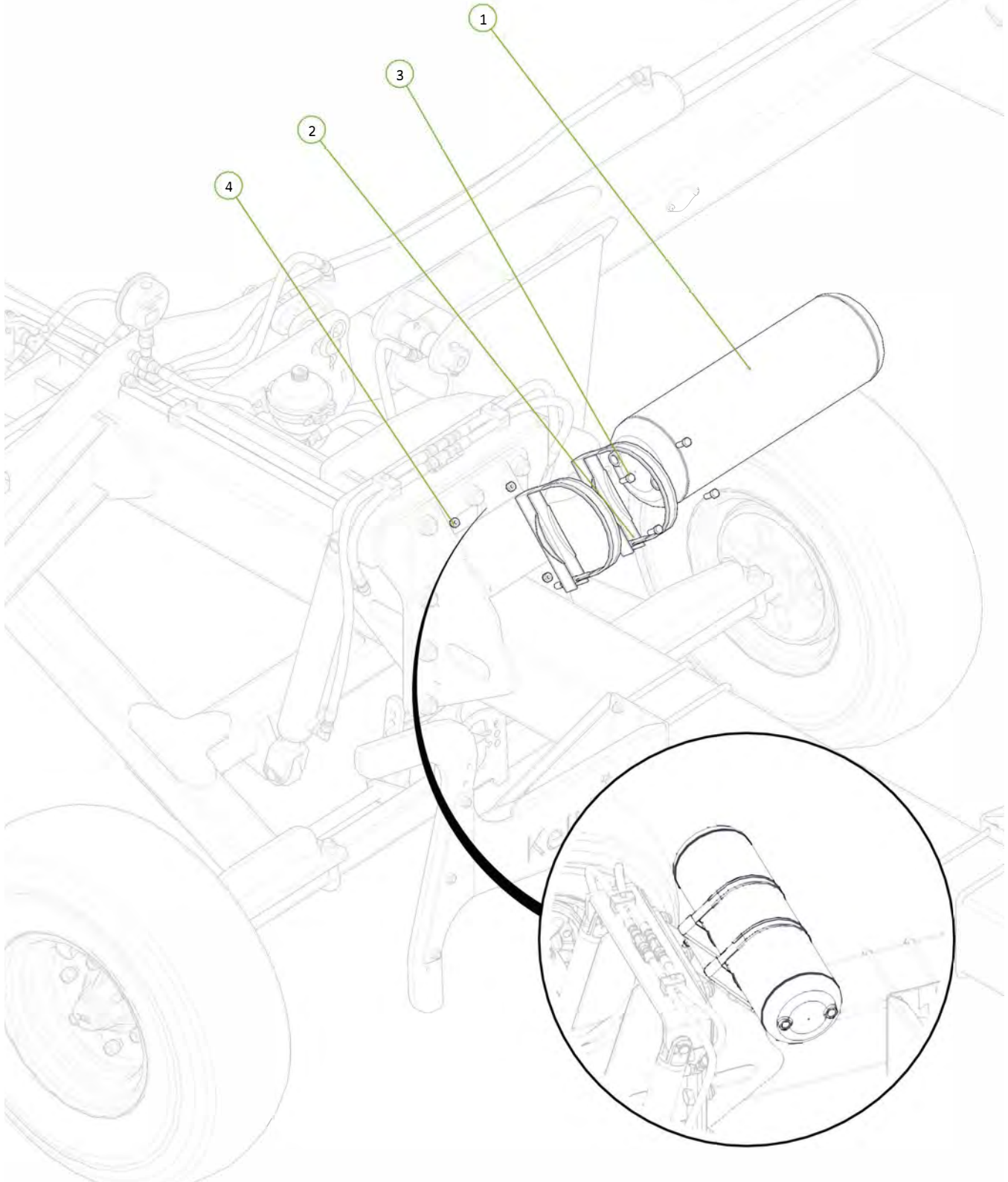
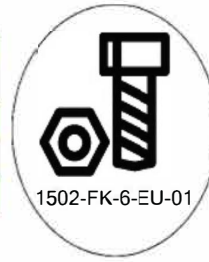
Item No.	Description	Qty	Number
1	Left Hand Air Hose Storage Bracket	1	1500-332
2	Right Hand Air Hose Storage Bracket	1	1500-333
3	M8 x 20 Grade 8.8 ZP Bolt	4	0211-820
4	Washer Flat M8	4	0231-F8
5	Washer Spring M8	4	0231-S8



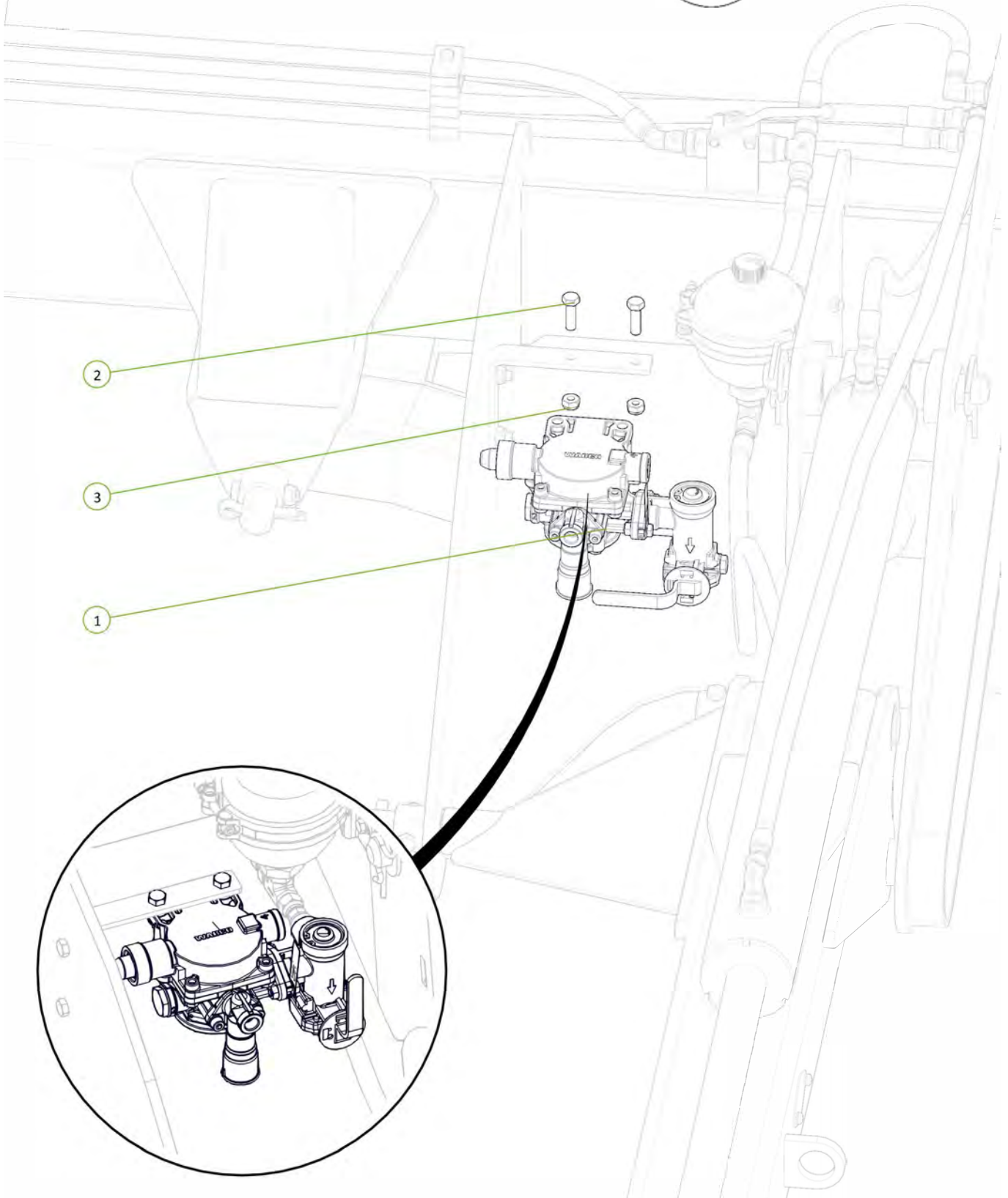
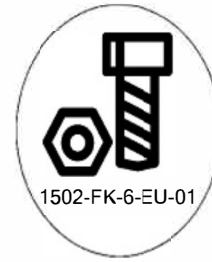
Item No.	Description	Qty	Number
1	Air Valve Bracket	1	1500-331
2	M10 x 35 Grade 8.8 ZP Bolt	2	0211-1035
3	Nyloc Nut M10	2	0221-NYL10



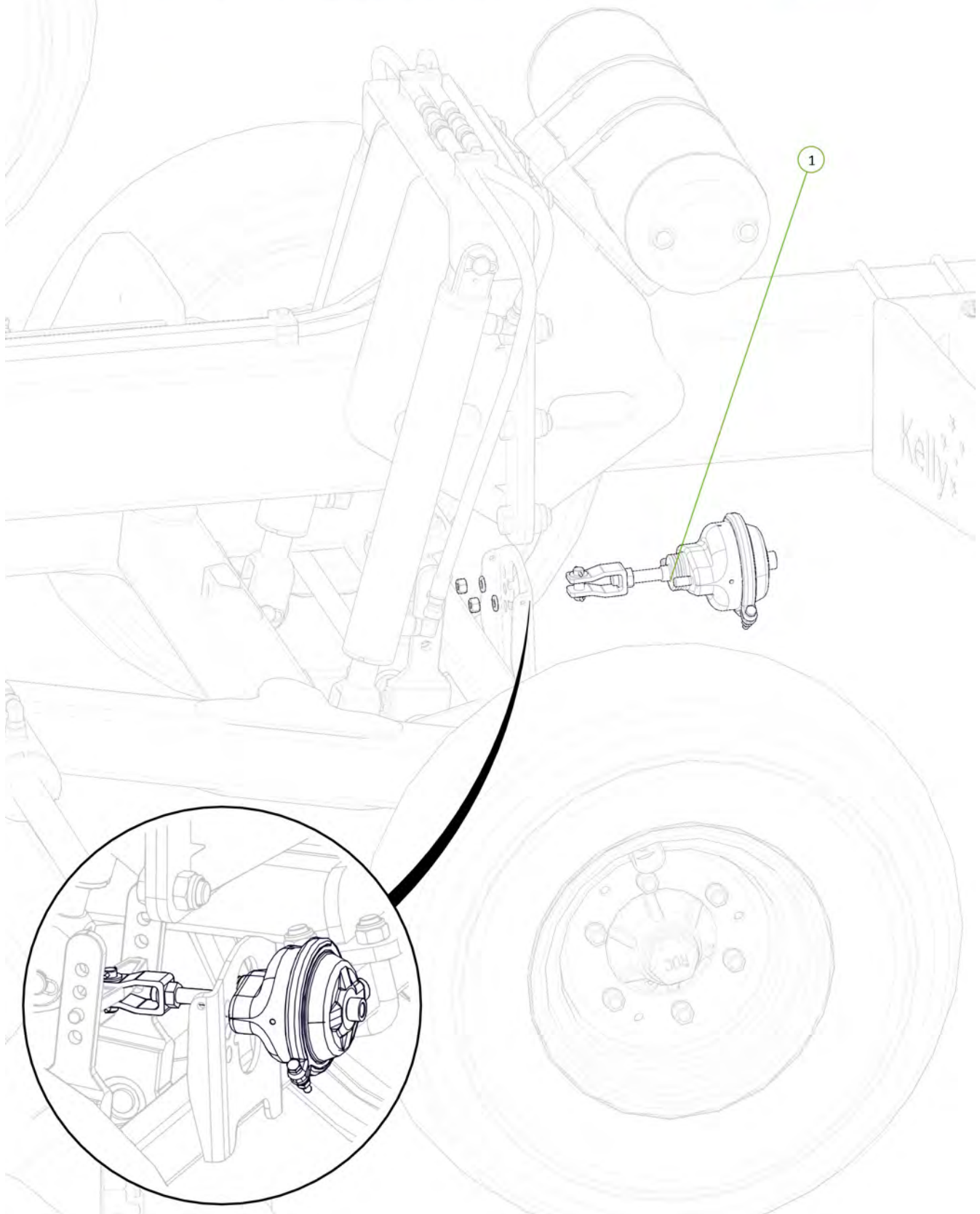
Item No.	Description	Qty	Number
1	Air Reservoir 20L	1	0761-9504200030
2	20L Air Reservoir Bracket	2	0761-9504053512
3	M10 x 30 Grade 8.8 ZP Bolt	4	0211-1030
4	Nyloc Nut M10	4	0221-NYL10



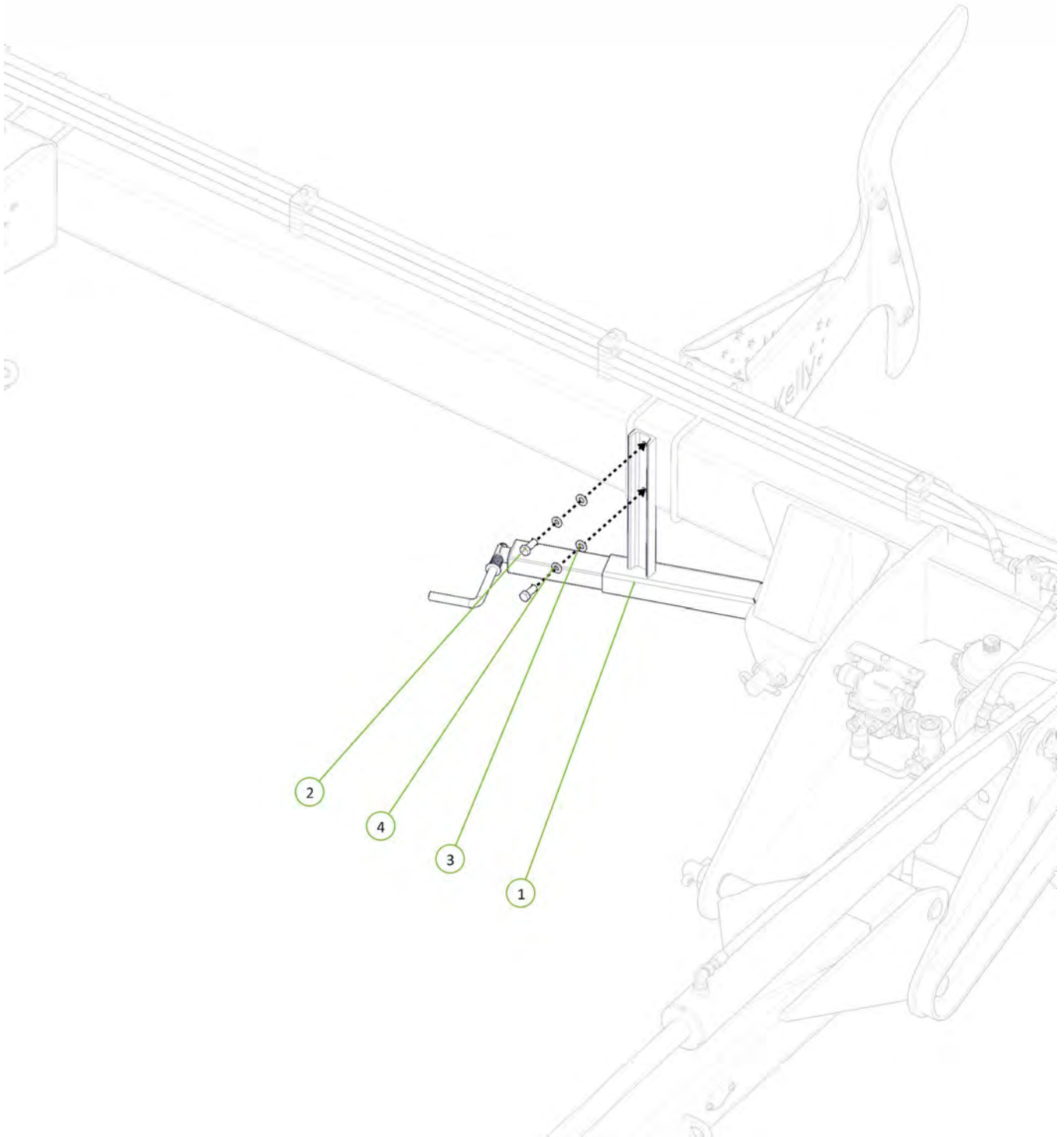
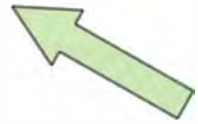
Item No.	Description	Qty	Number
1	Relay Emergency Valve	1	0761-9710026200
2	M10 x 35 Grade 8.8 ZP Bolt	2	0211-1035
3	Nyloc Nut M10	2	0221-NYL10



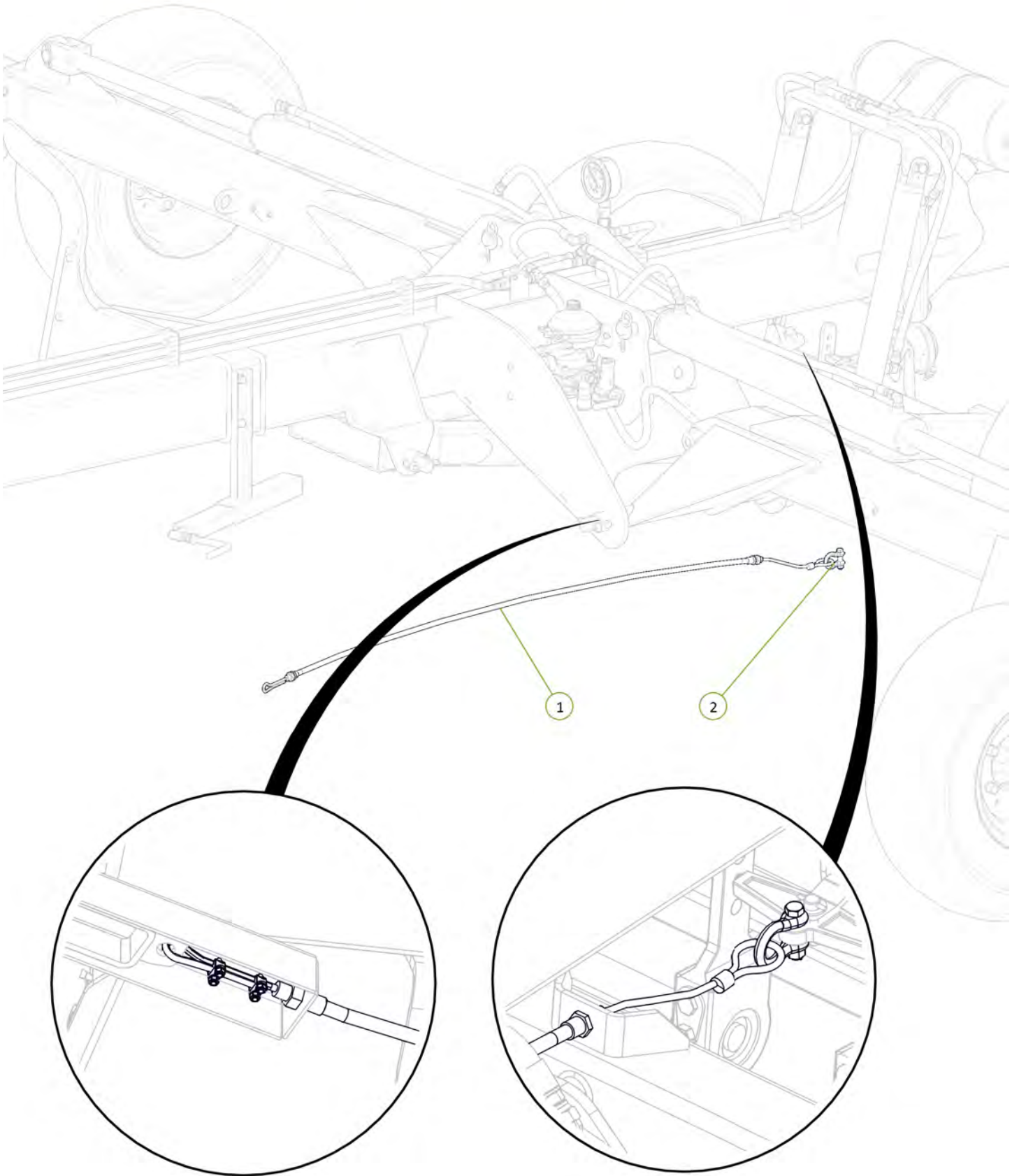
Item No.	Description	Qty	Number
1	Brake Chamber	1	0761-4231039000



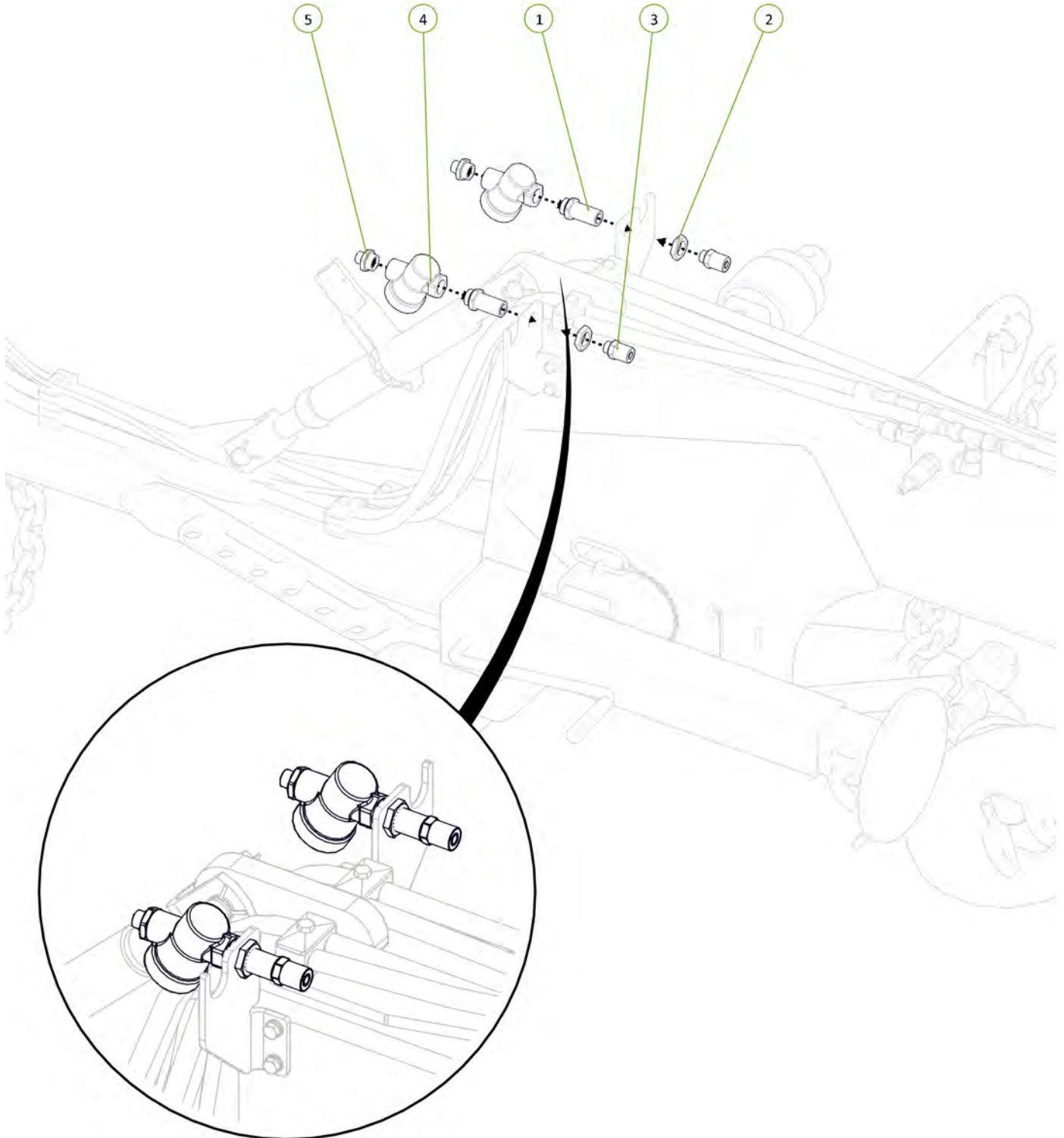
Item No.	Description	Qty	Number
1	Parking Brake Mechanism	1	0761-6MPB
2	M12 x 30 Grade 8.8 ZP Bolt	2	0211-1230
3	Washer Flat M12	2	0231-F12
4	Washer Spring M12	2	0231-S12



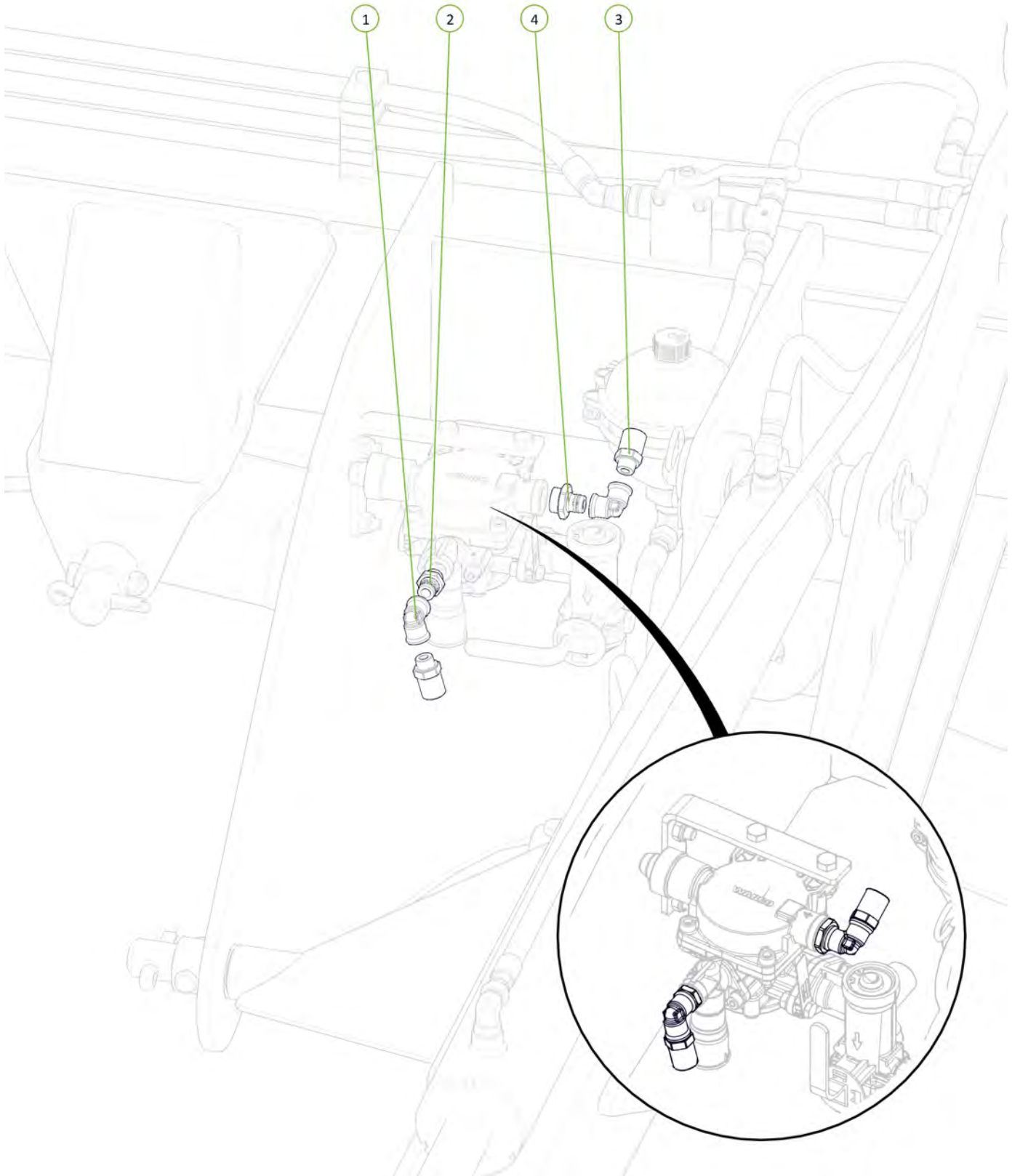
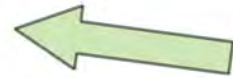
Item No.	Description	Qty	Number
1	Parking Brake Cable	1	0761-PARKCABLE
2	Parking Brake Shackle	1	0761-BRAKESHACKLE



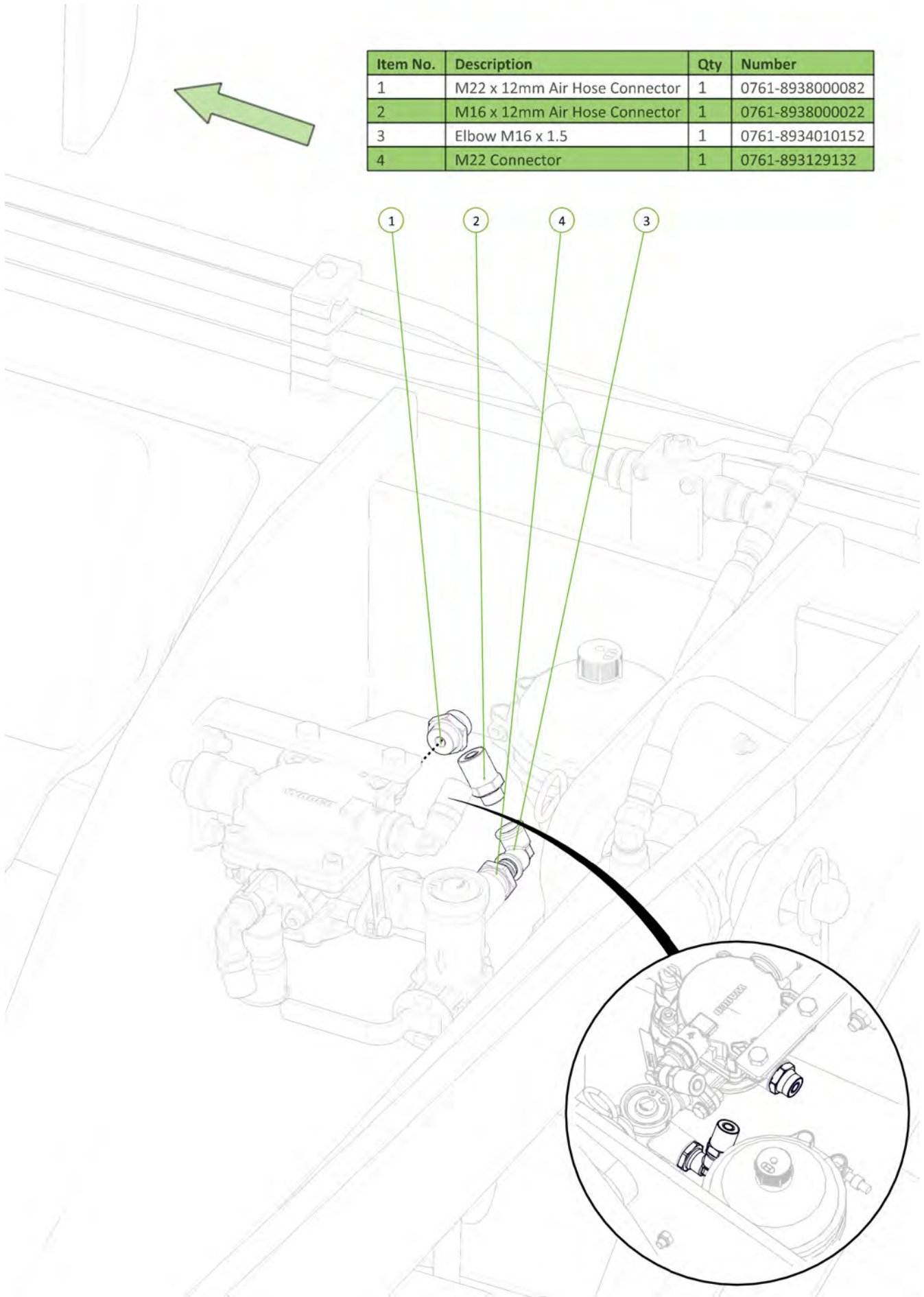
Item No.	Description	Qty	Number
1	Bulkhead Fitting	2	0761-8931042922
2	M22 Bulkhead Nut	2	0761-8915004544
3	M16 x 12mm Air Hose Connector	2	0761-8938000022
4	Air Line Filter	2	0761-4325000200
5	M22/16 Straight Connector	2	0761-8931003404



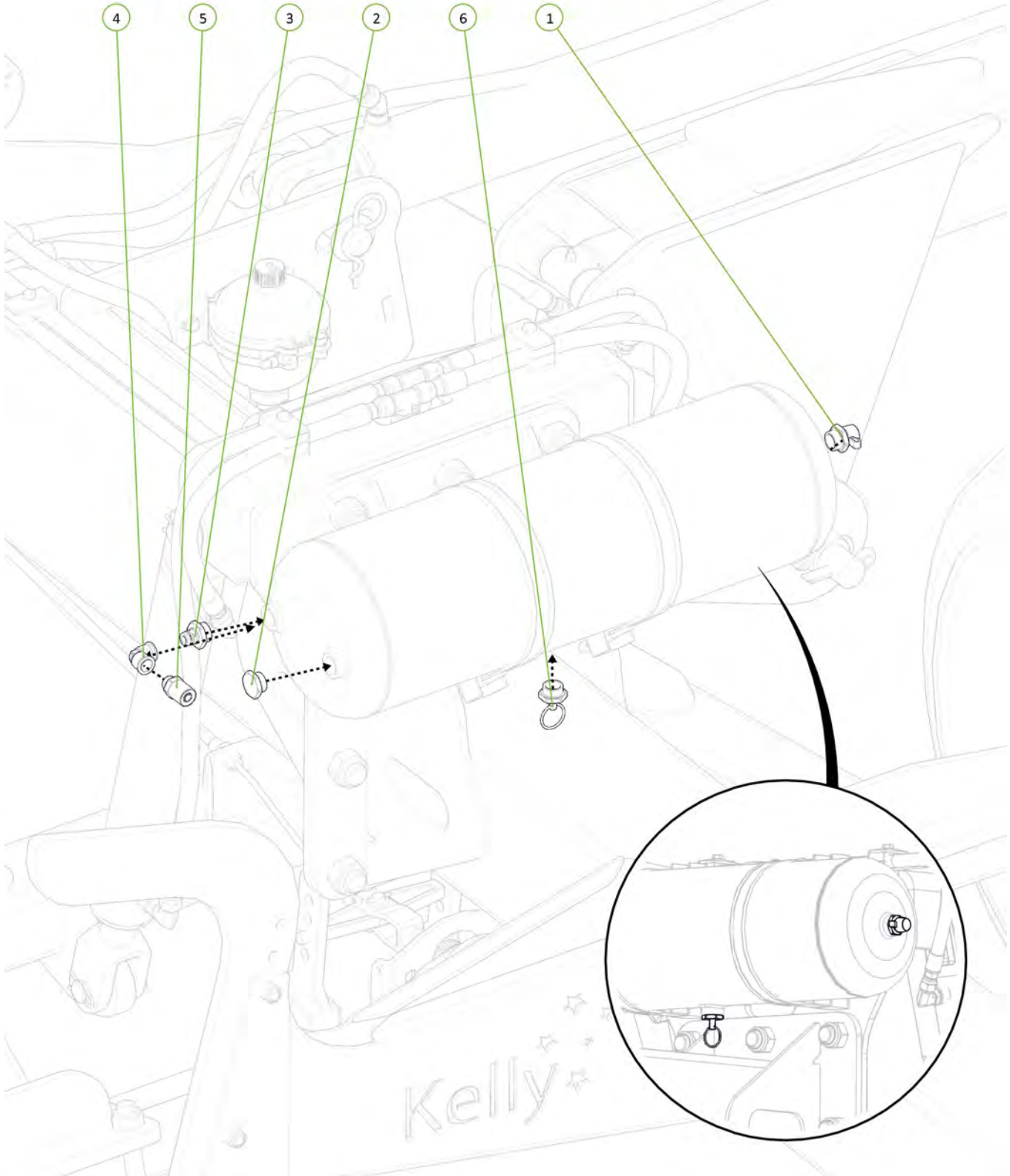
Item No.	Description	Qty	Number
1	Elbow M16 x 1.5	2	0761-8934010152
2	M16 Connector	1	0761-8931291922
3	M16 x 12mm Air Hose Connector	2	0761-8938000022
4	M22 Connector	1	0761-893129132

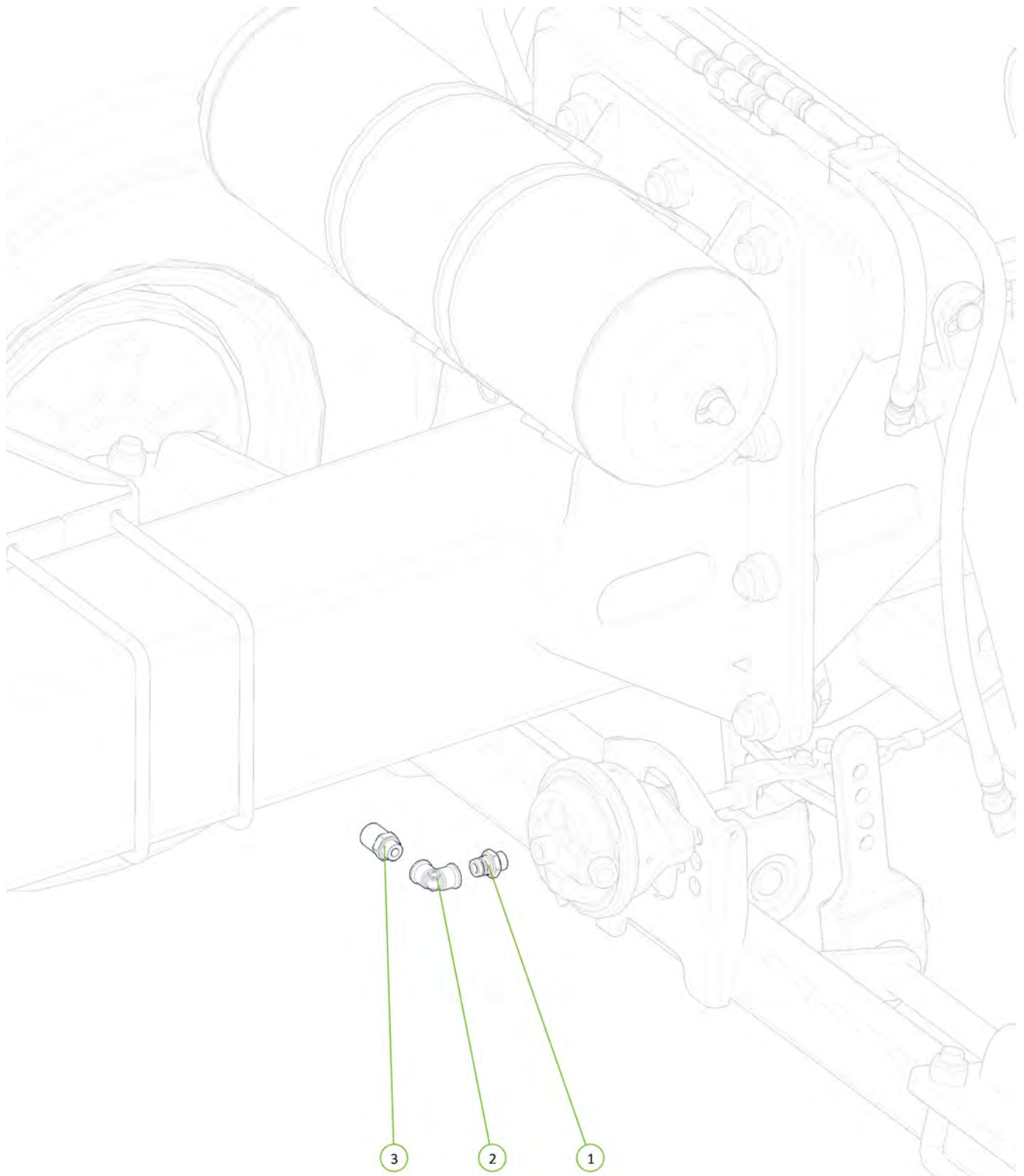


Item No.	Description	Qty	Number
1	M22 x 12mm Air Hose Connector	1	0761-8938000082
2	M16 x 12mm Air Hose Connector	1	0761-8938000022
3	Elbow M16 x 1.5	1	0761-8934010152
4	M22 Connector	1	0761-893129132



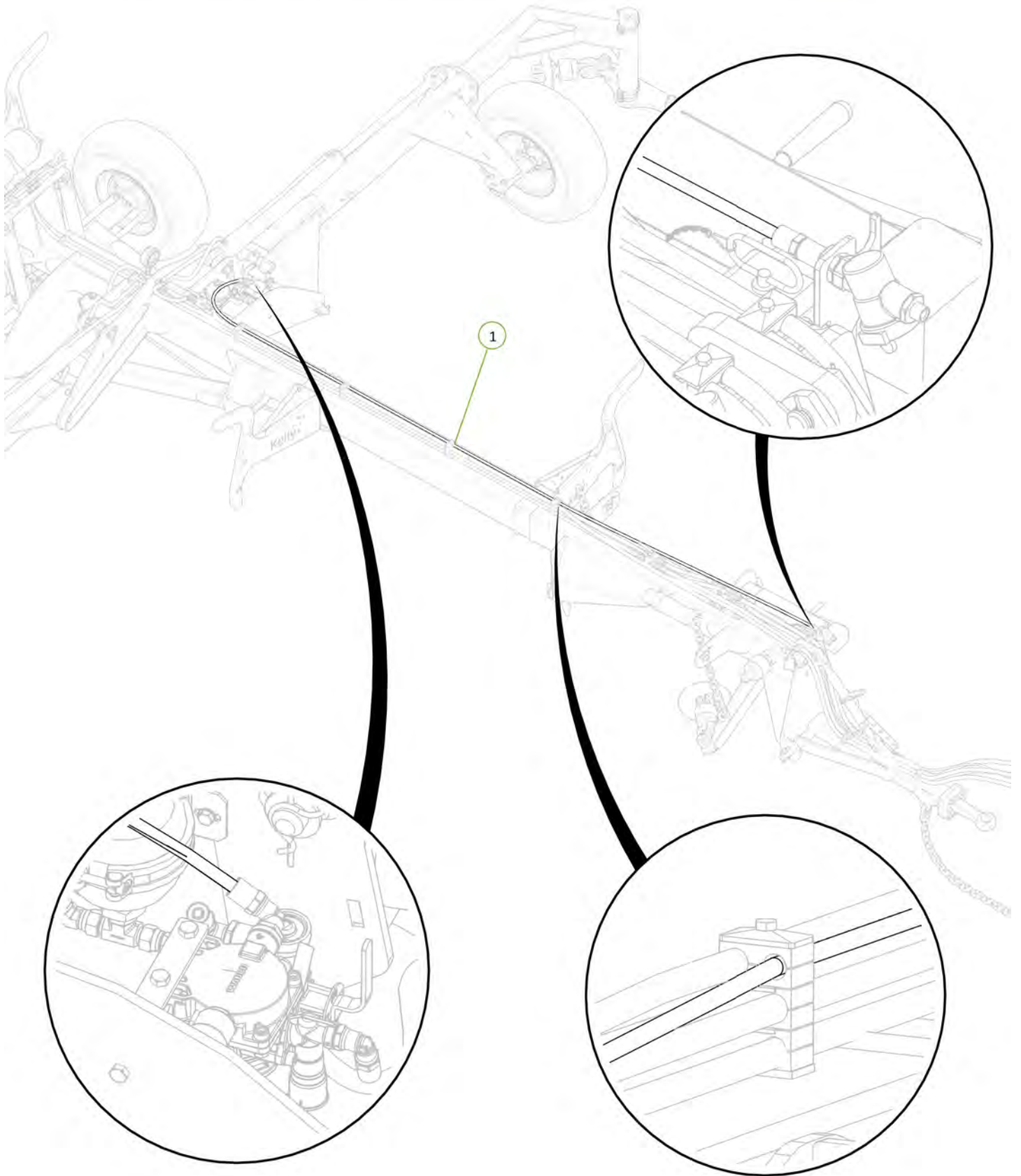
Item No.	Description	Qty	Number
1	M22 Test Connector	1	0761-4637031150
2	M22 Plug	1	0761-8930220094
3	M22 Connector	1	0761-893129132
4	Elbow M16 x 1.5	1	0761-8934010152
5	M16 x 12mm Air Hose Connector	1	0761-8938000022
6	M22 Pressure Relief Valve 8 Bar	1	0761-M22PR-8BAR



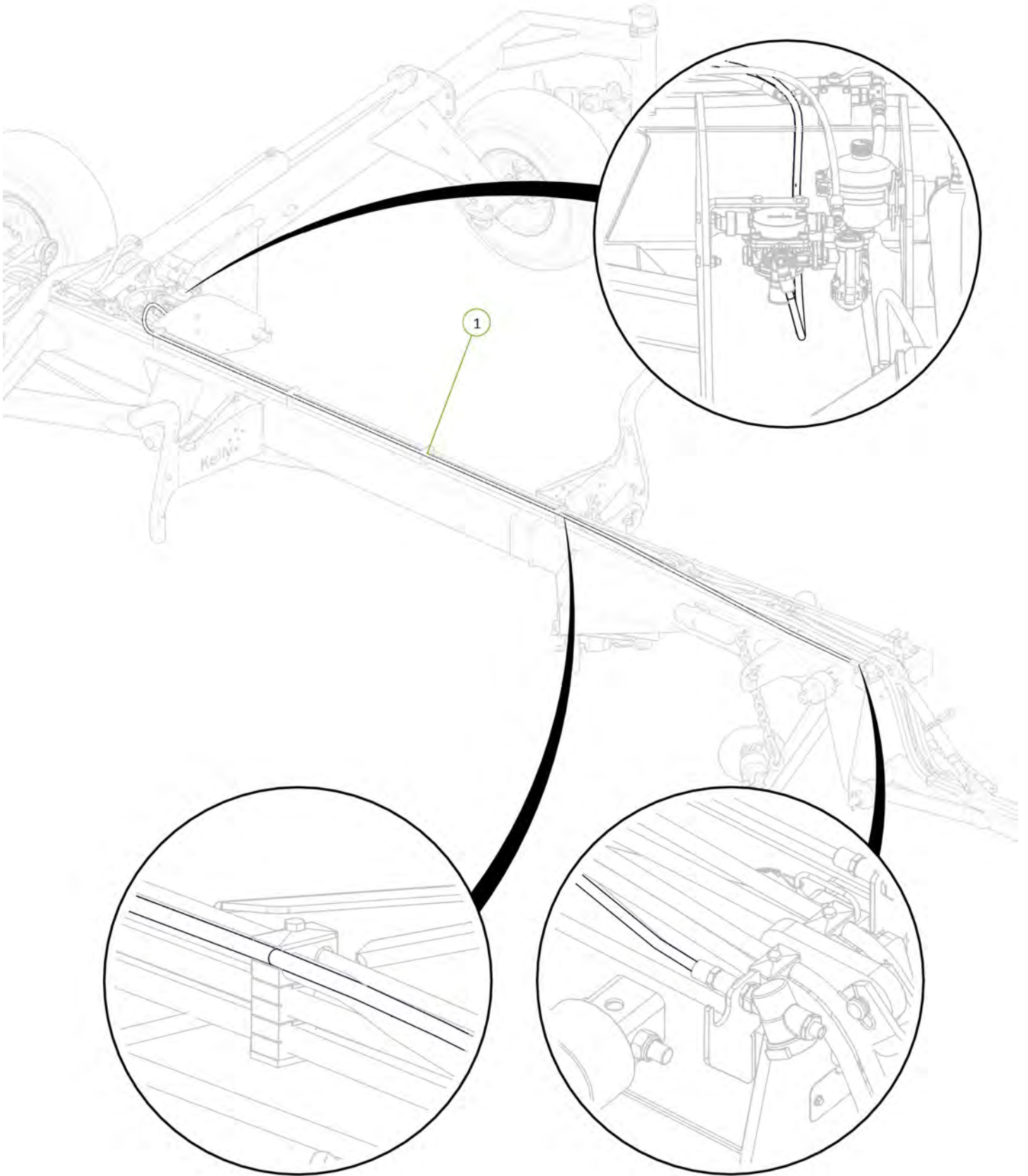


Item No.	Description	Qty	Number
1	M16 Connector	1	0761-8931291922
2	Elbow M16 x 1.5	1	0761-8934010152
3	M16 x 12mm Air Hose Connector	1	0761-8938000022

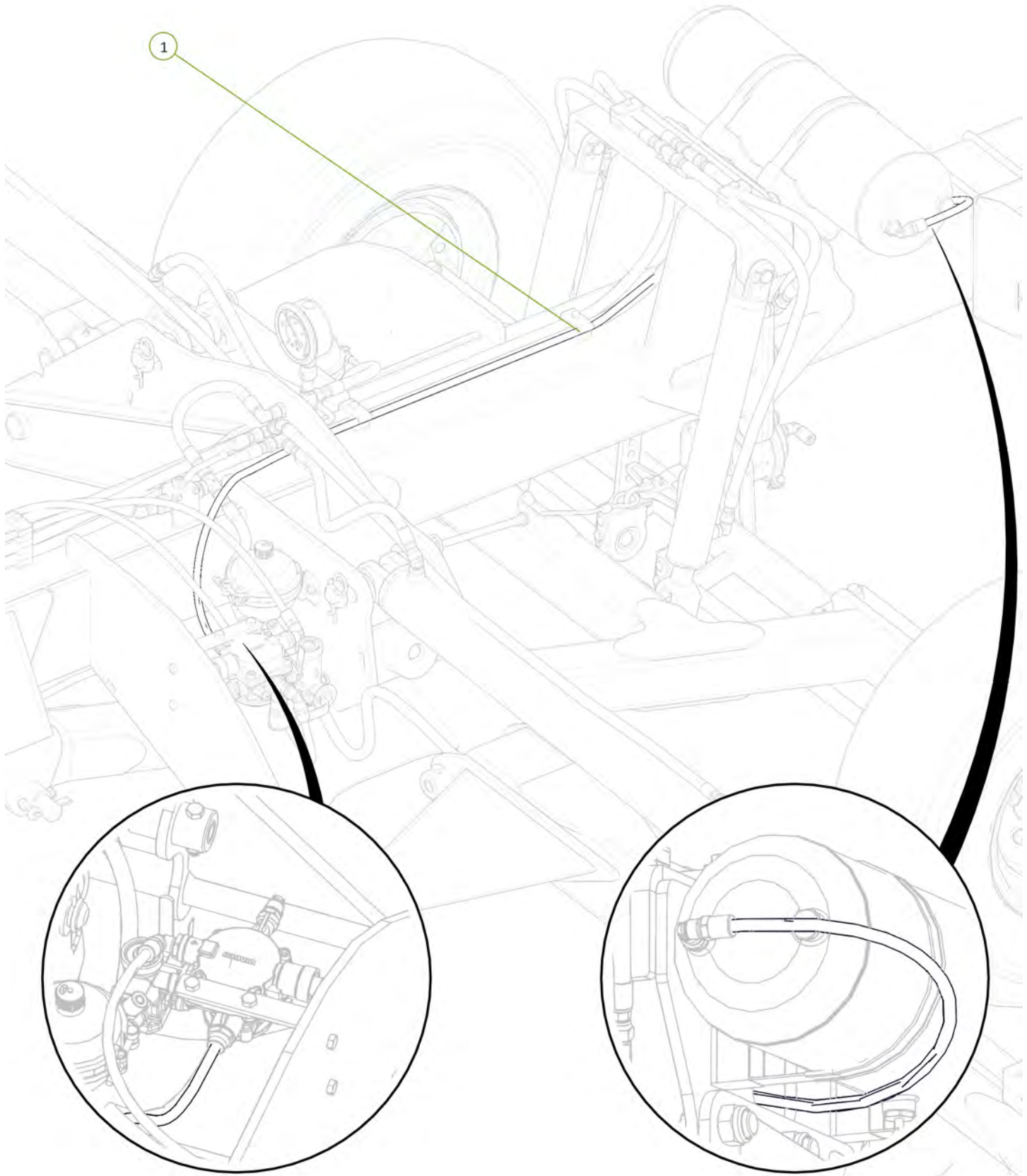
Item No.	Description	Qty	Number
1	Polyamide Air Brake Line 12mm	1	0761-TR12



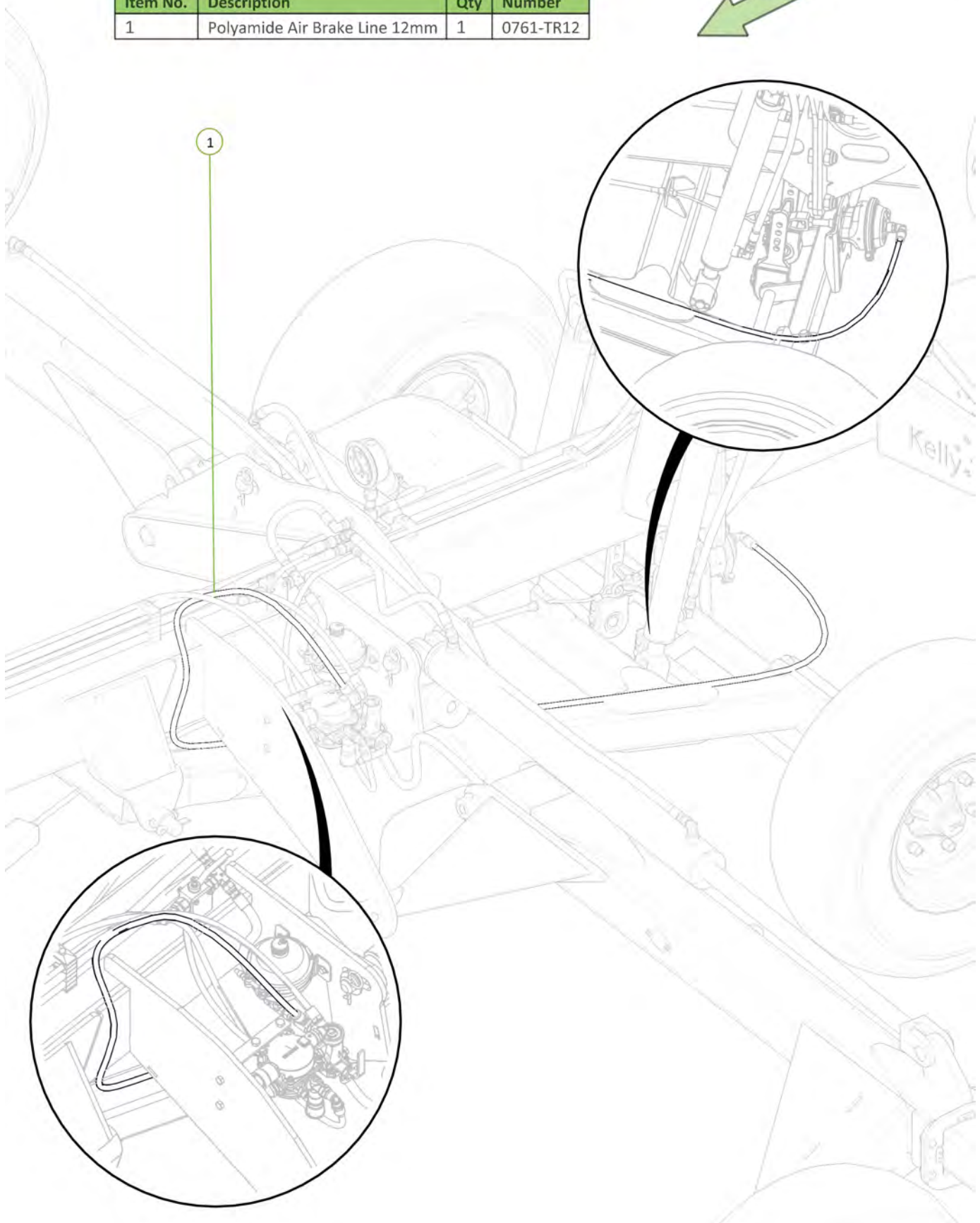
Item No.	Description	Qty	Number
1	Polyamide Air Brake Line 12mm	1	0761-TR12



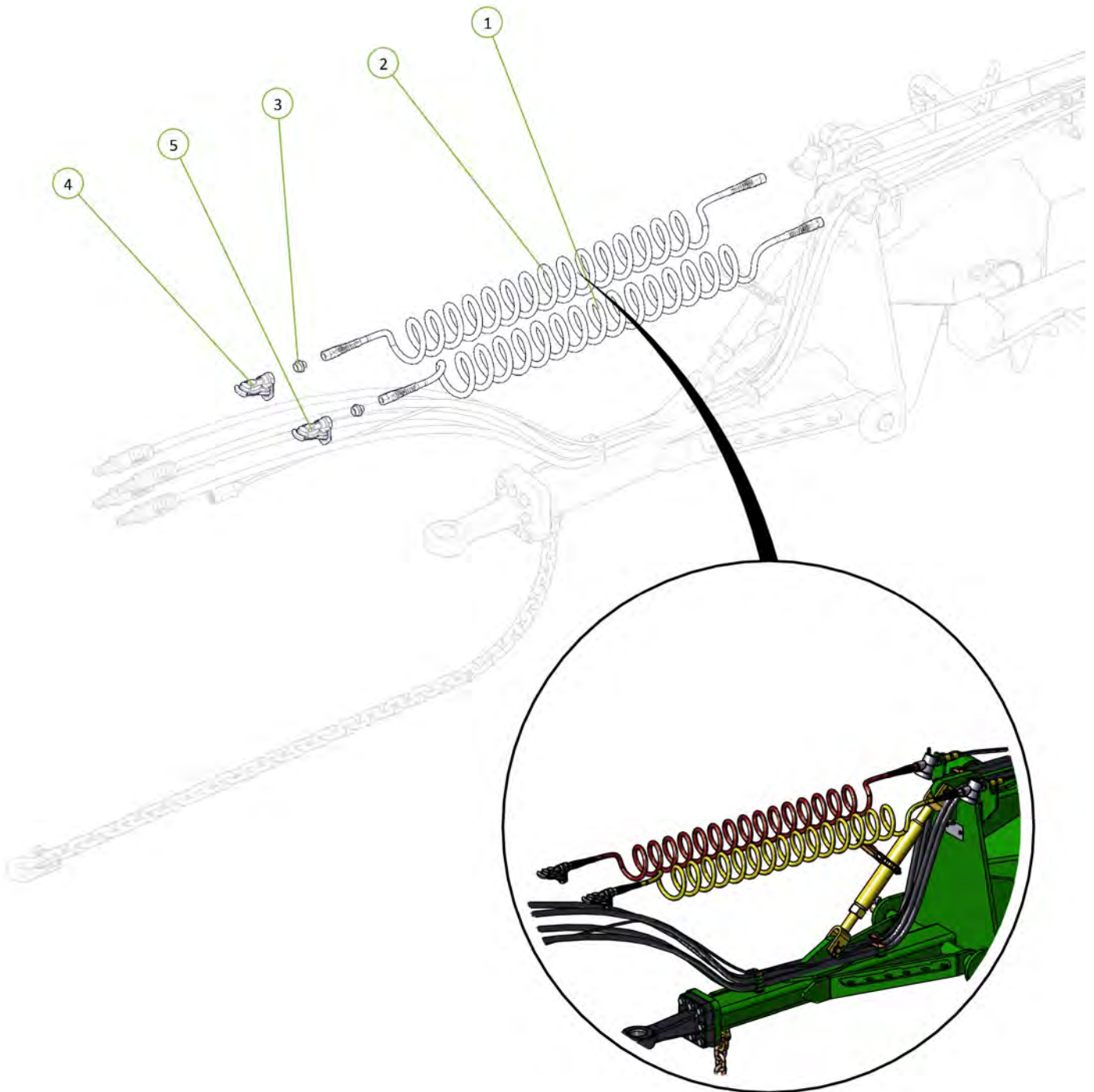
Item No.	Description	Qty	Number
1	Polyamide Air Brake Line 12mm	1	0761-TR12



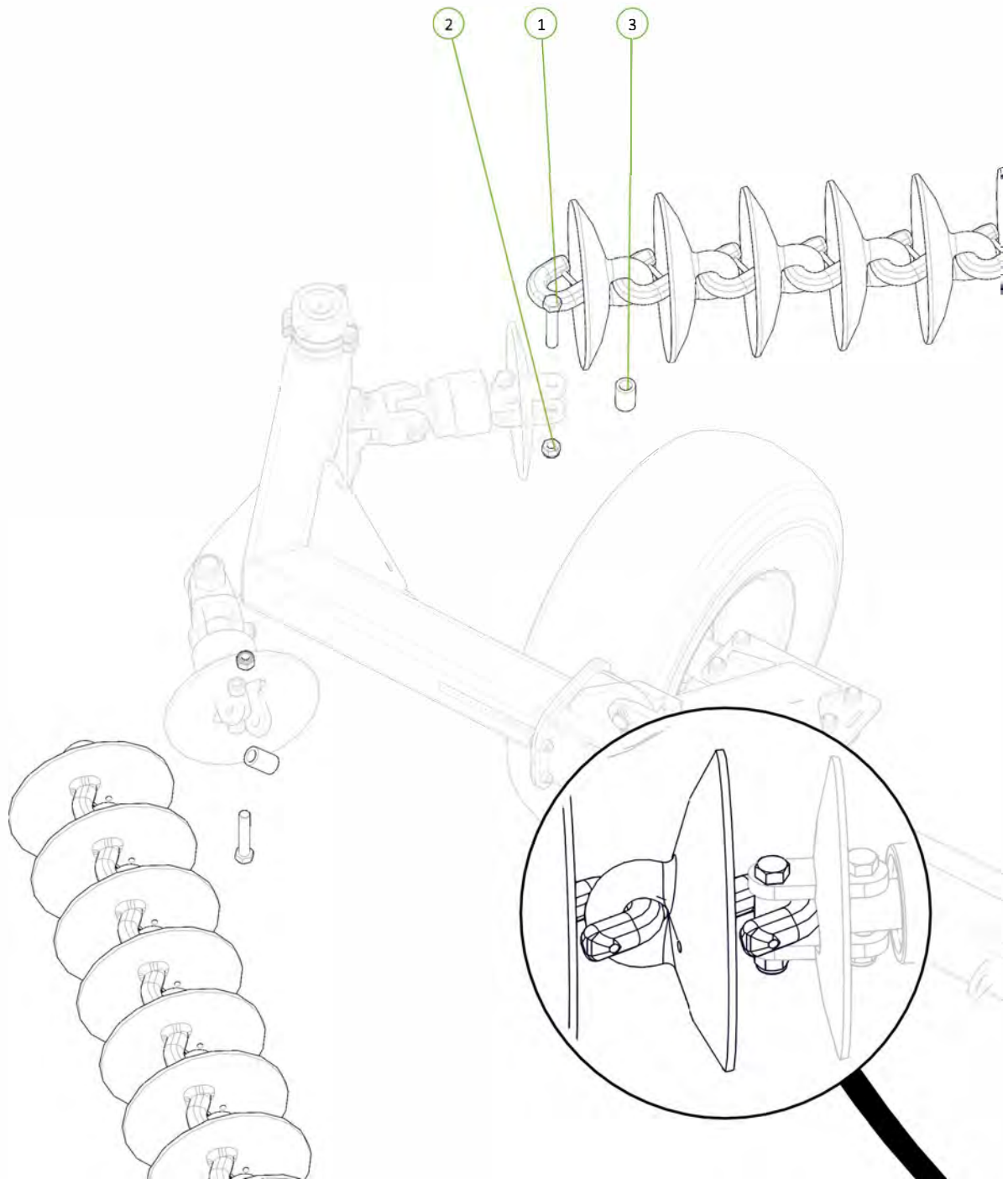
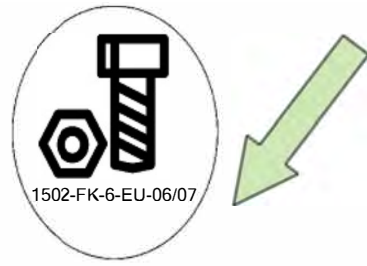
Item No.	Description	Qty	Number
1	Polyamide Air Brake Line 12mm	1	0761-TR12



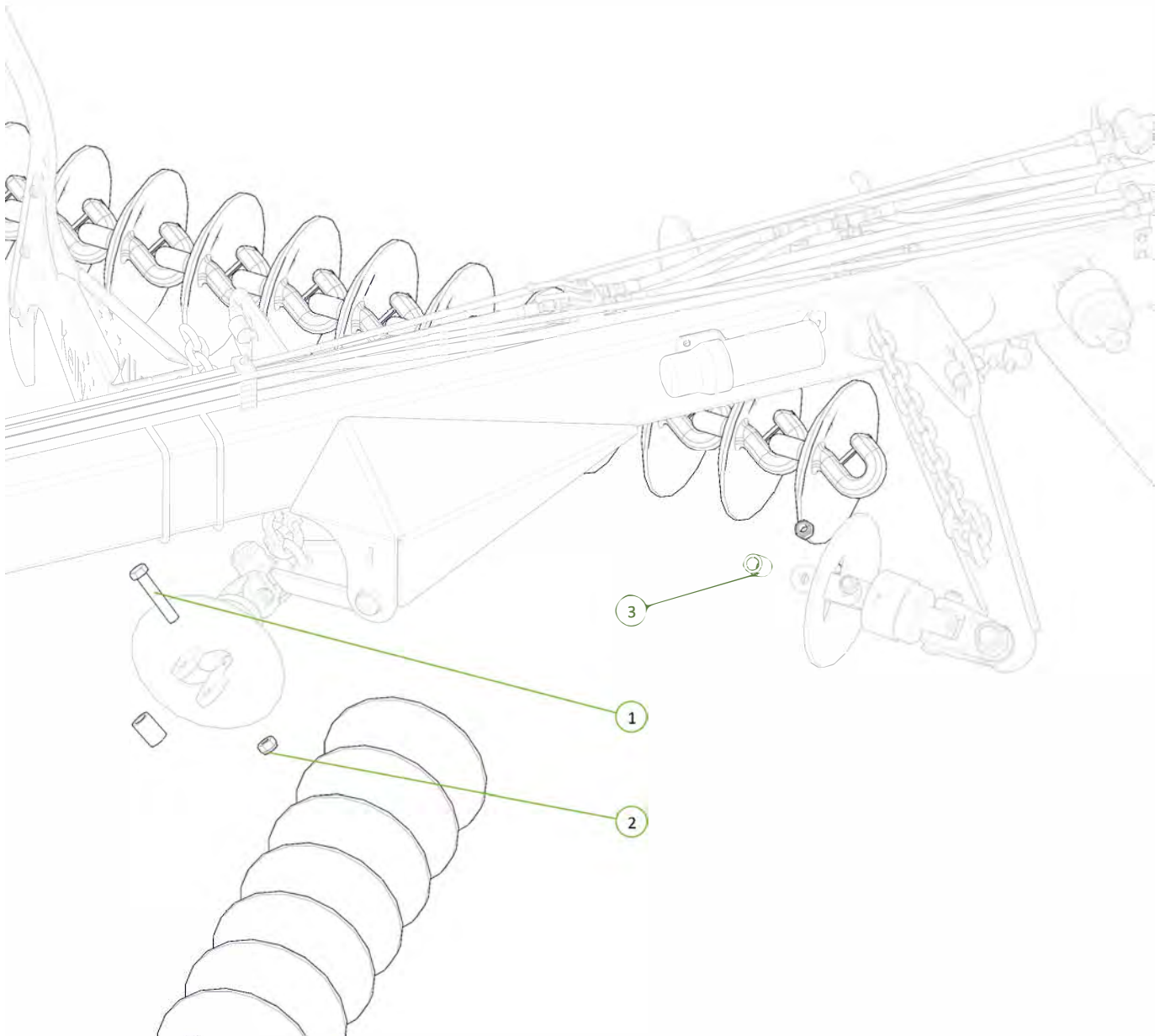
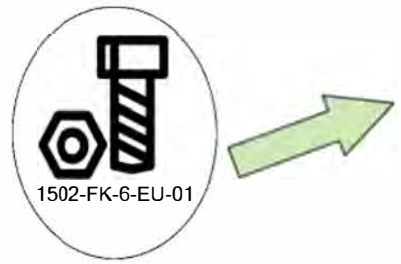
Item No.	Description	Qty	Number
1	Yellow Flexi Air Hose	1	0761-1555-032
2	Red Flexi Air Hose	1	0761-1555-033
3	M22/16 Straight Connector	2	0761-8931003404
4	Red Air Hose Coupling	1	0761-9528970070
5	Yellow Air Hose Coupling	1	0761-9528970060



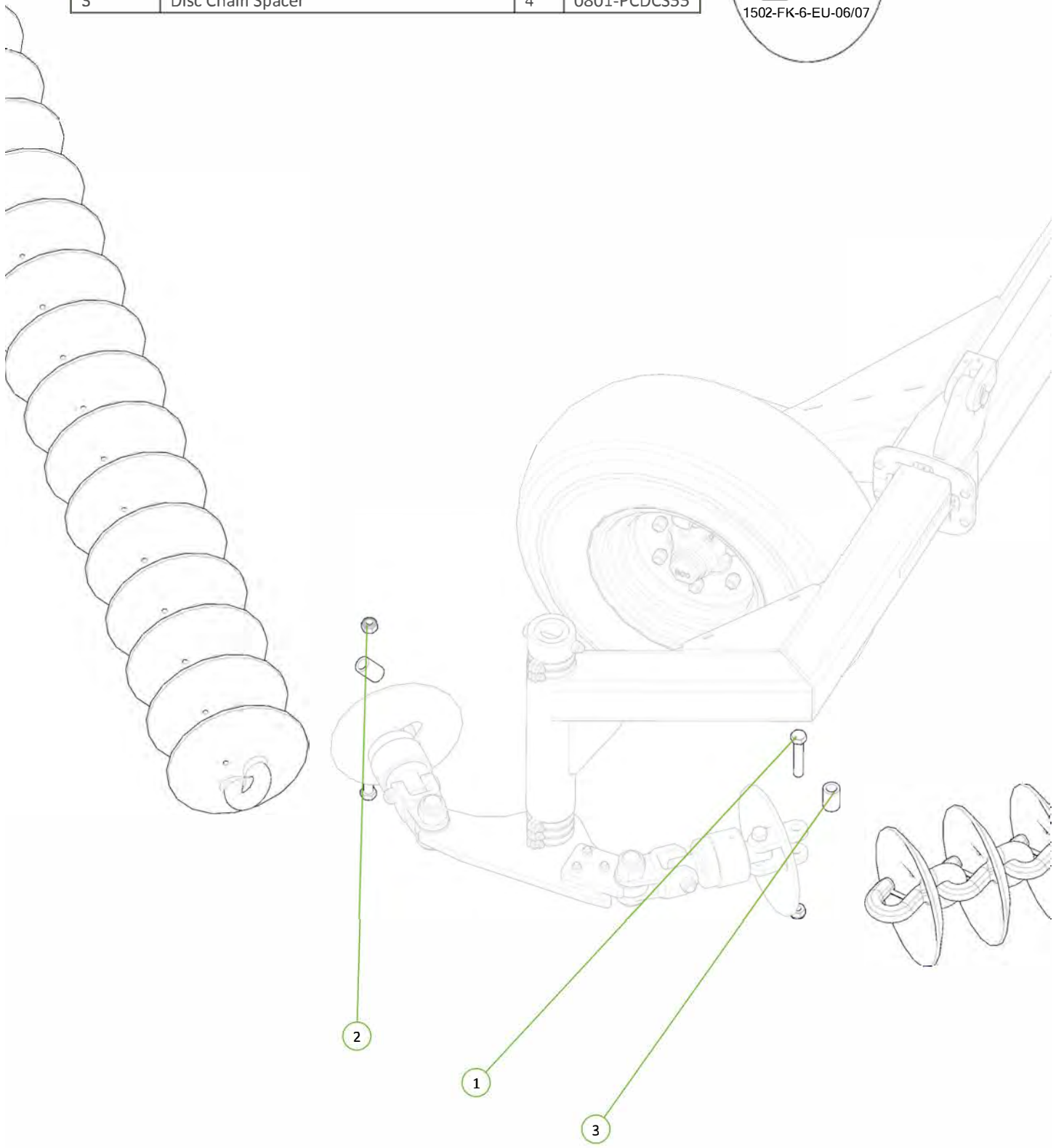
Item No.	Description	Qty	Number
1	M20 x 110 grade 10.9 ZP Short Thread Bolt	2	0211-20110 ST
2	Nyloc Nut M20	2	0221-NYL20
3	Disc Chain Spacer	2	0801-PCDCS55



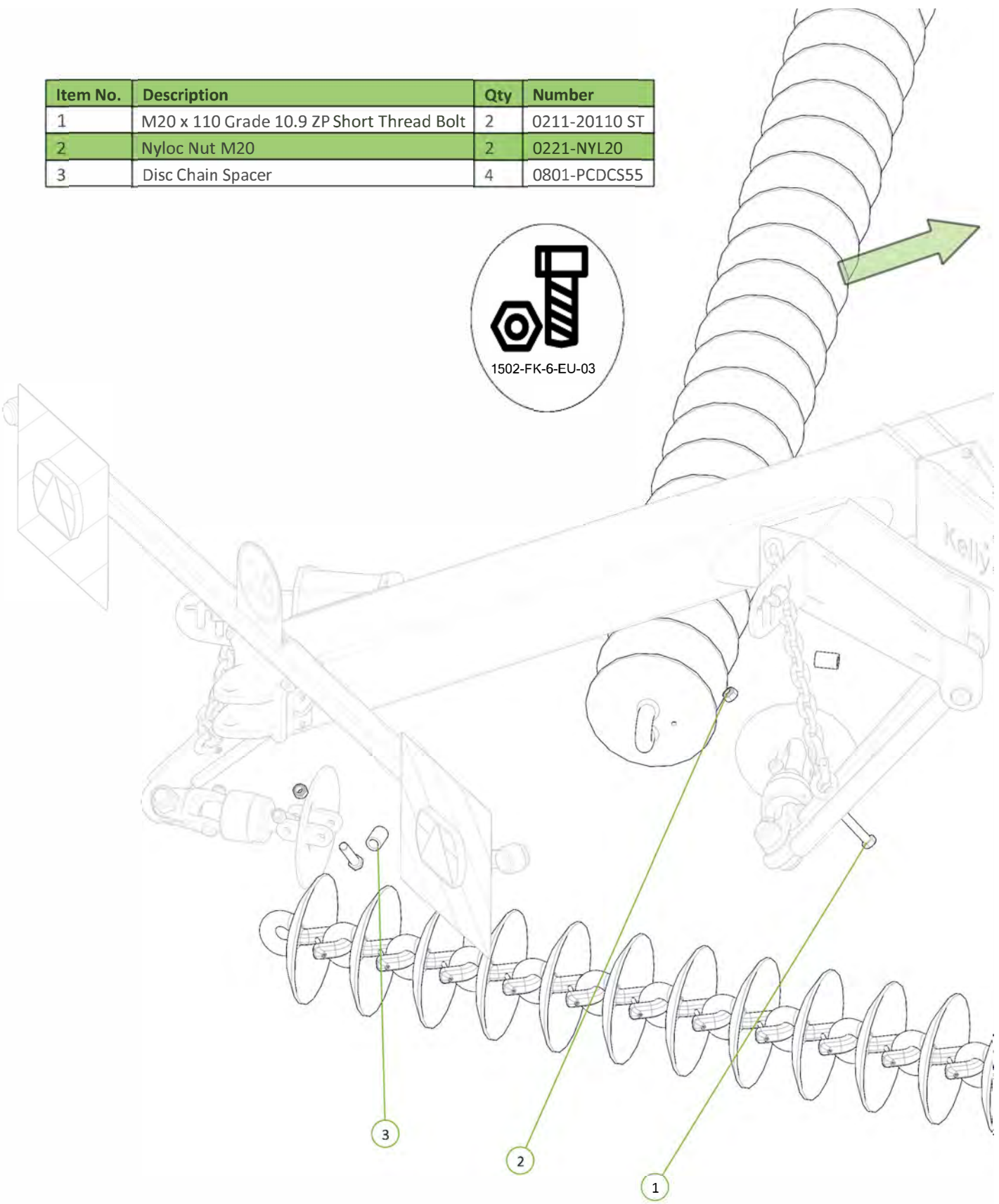
Item No.	Description	Qty	Number
1	M20 x 110 Grade 10.9 ZP Short Thread Bolt	2	0211-20110 ST
2	Nyloc Nut M20	2	0221-NYL20
3	Disc Chain Spacer	3	0801-PCDCS55



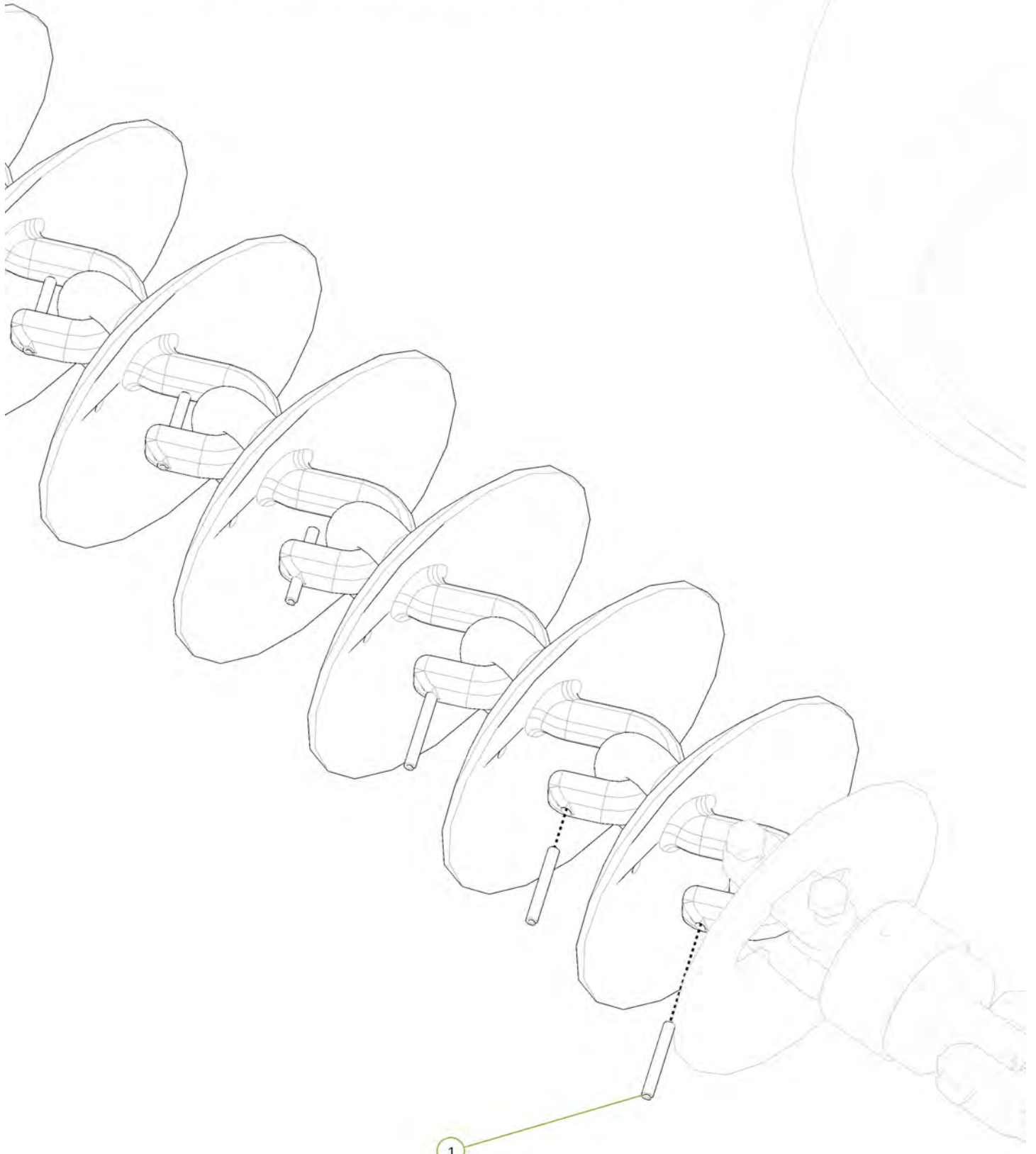
Item No.	Description	Qty	Number
1	M20 x 110 Grade 10.9 ZP Short Thread Bolt	2	0211-20110 ST
2	Nyloc Nut M20	2	0221-NYL20
3	Disc Chain Spacer	4	0801-PCDCS55



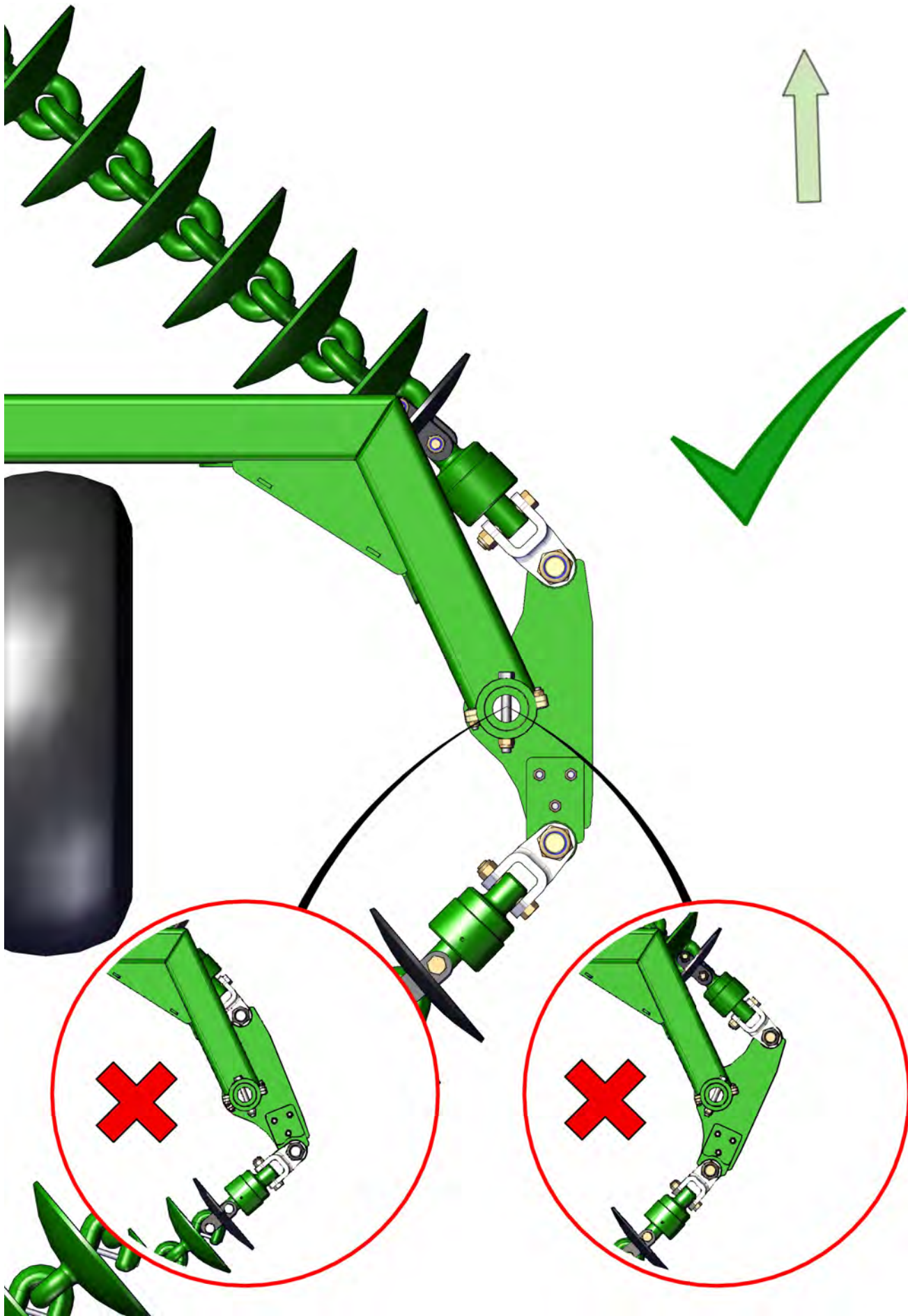
Item No.	Description	Qty	Number
1	M20 x 110 Grade 10.9 ZP Short Thread Bolt	2	0211-20110 ST
2	Nyloc Nut M20	2	0221-NYL20
3	Disc Chain Spacer	4	0801-PCDCS55

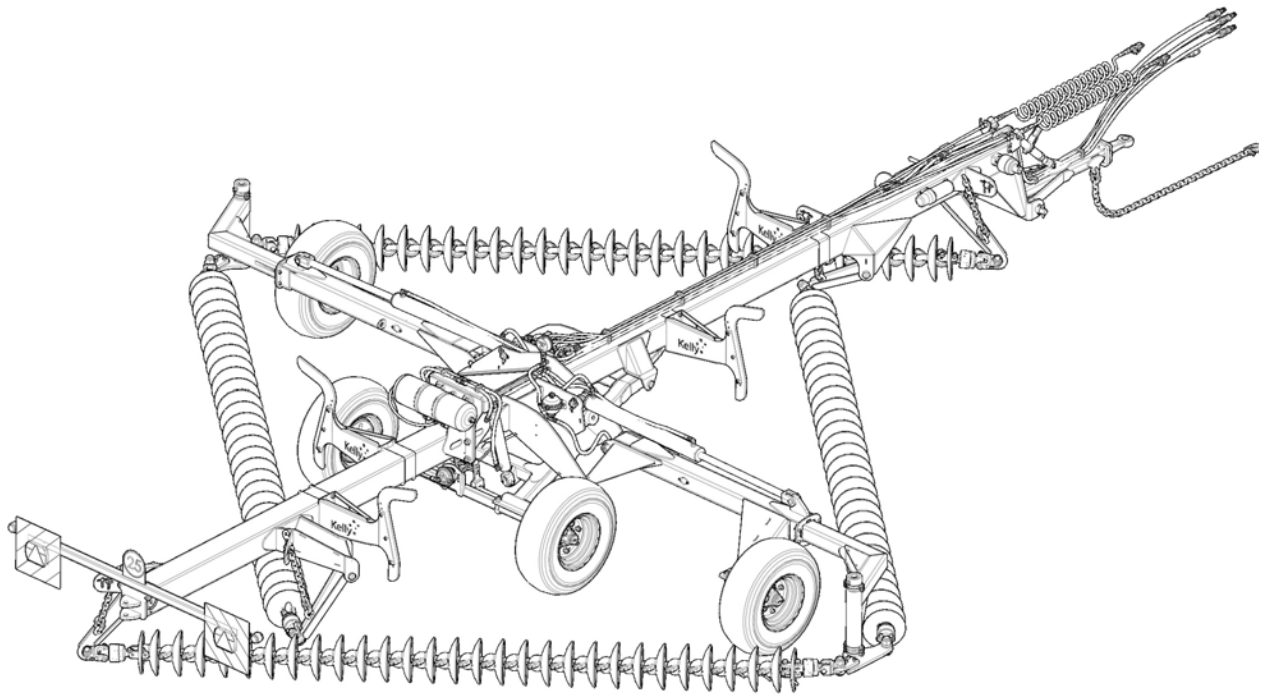


Item No.	Description	Qty	Number
1	Roll Pin Zinc Plated 3/8" x 3"	1	0262-3-8X3



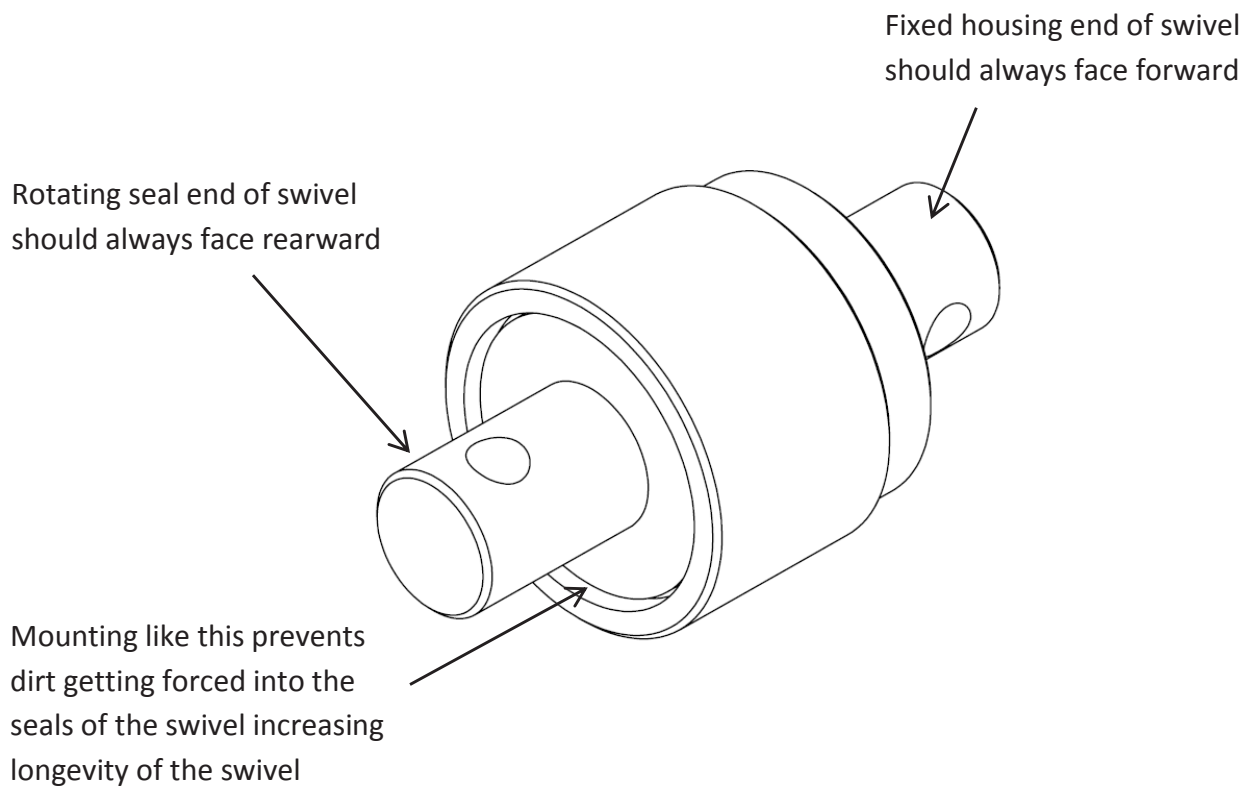
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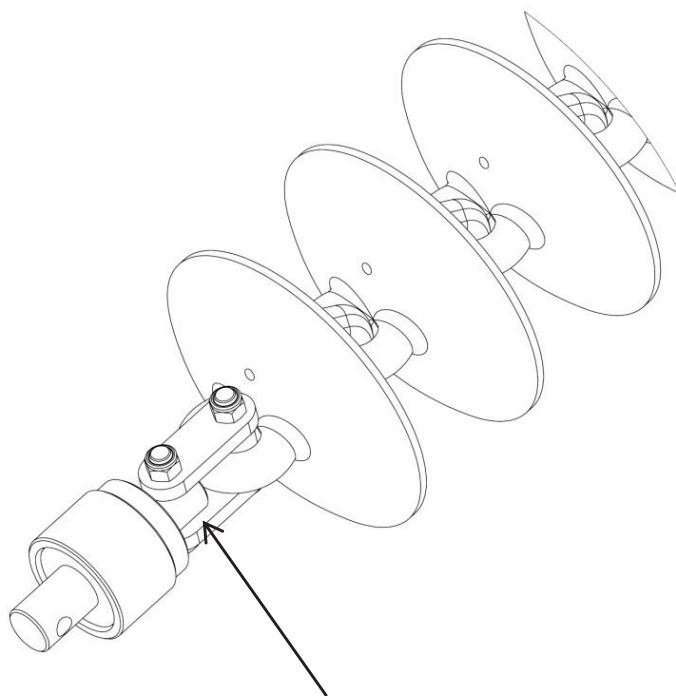
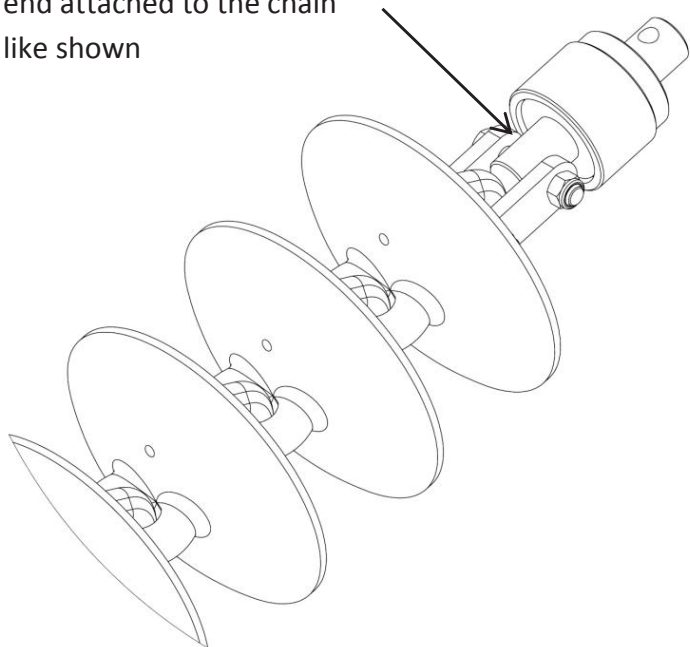
Section 2

Diagrams & Specifications



For Example

Swivels attached to the leading ends of the chains should have the rotating seal end attached to the chain like shown



Swivels attached to the trailing ends of the chains should have the fixed housing end attached to the chain like shown

Operating speeds

Operating speeds for normal conditions	
Chain type	Speed
Prickle Chain	10-16 kmph
Disc Chain	10-12 kmph
Transport / towing on roads	25 kmph

Chain Harrow specifications

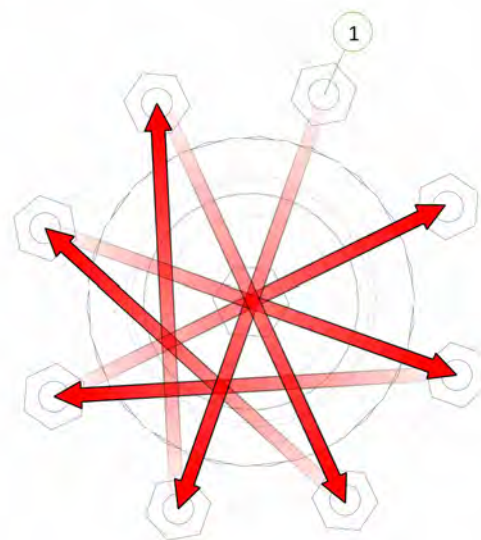
Model	6m
Working width	6.4m
Transport width	2.4m
Transport height	3.9m
Transport length	10.4m

Bolt torque settings

Bolt Type	Wheel nut	U Bolt		Class 8.8 Bolt				Class 10.9 Bolt	
Bolt Size	M18	M12	M20	M10	M12	M16	M24	M16	M20
Spanner	27	18	30	16	18	24	36	24	30
Ft lb	255	36	191	32	48	140	270	214	300
Nm	345	50	260	44	65	190	370	290	406

[1] When fitting a wheel & 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 & tighten & 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.



Section 3

Chain Assembly

Disc Chain Lengths

Model		Length	CL2	CL1	W36	R300	SD49	Prickle chain
			CL2 disc chain also requires CL1 disc chain					
6m	Front right	4.51m	CL2 - 19 CL1 - 2	28	26	36	36	50
	Front left	4.53m	CL2 - 19 CL1 - 2	28	26	36	36	50
	Rear right	4.60m	CL2 - 20 CL1 - 2	28	27	37	37	51
	Rear left	4.62m	CL2 - 20 CL1 - 2	28	27	37	37	51

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

CL2 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

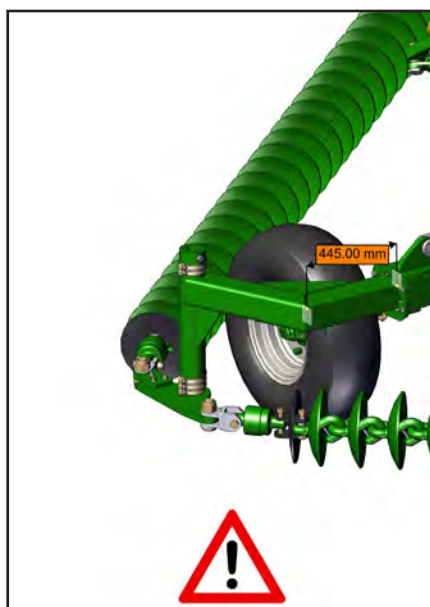
Spiked Disc Chain - cut a disc chain link from the end of the disc chain

Wing Tension Travel

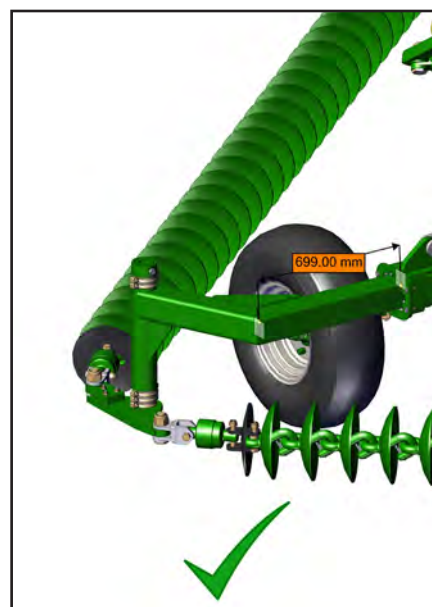
It is important that the amount of wing extension be monitored throughout the life of the chain.

The tensioning cylinder has 508mm of travel and should operate at about 1/2 - 2/3 of the available travel.

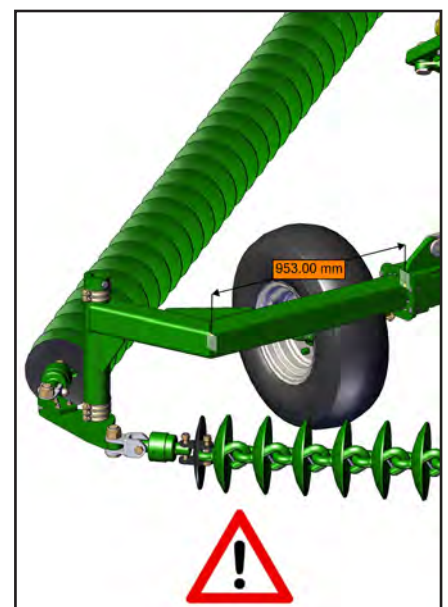
If the cylinder nears the end of its travel it will be necessary to remove a link from each chain.



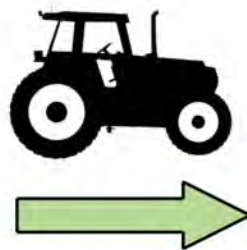
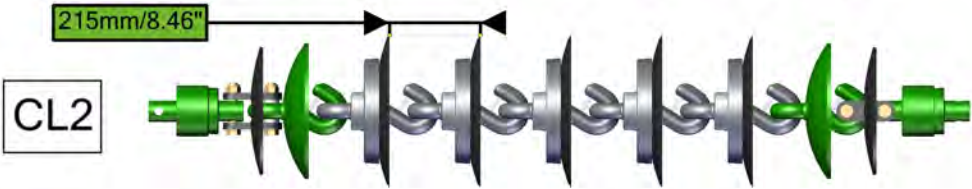
Fully Retracted



Mid-Way



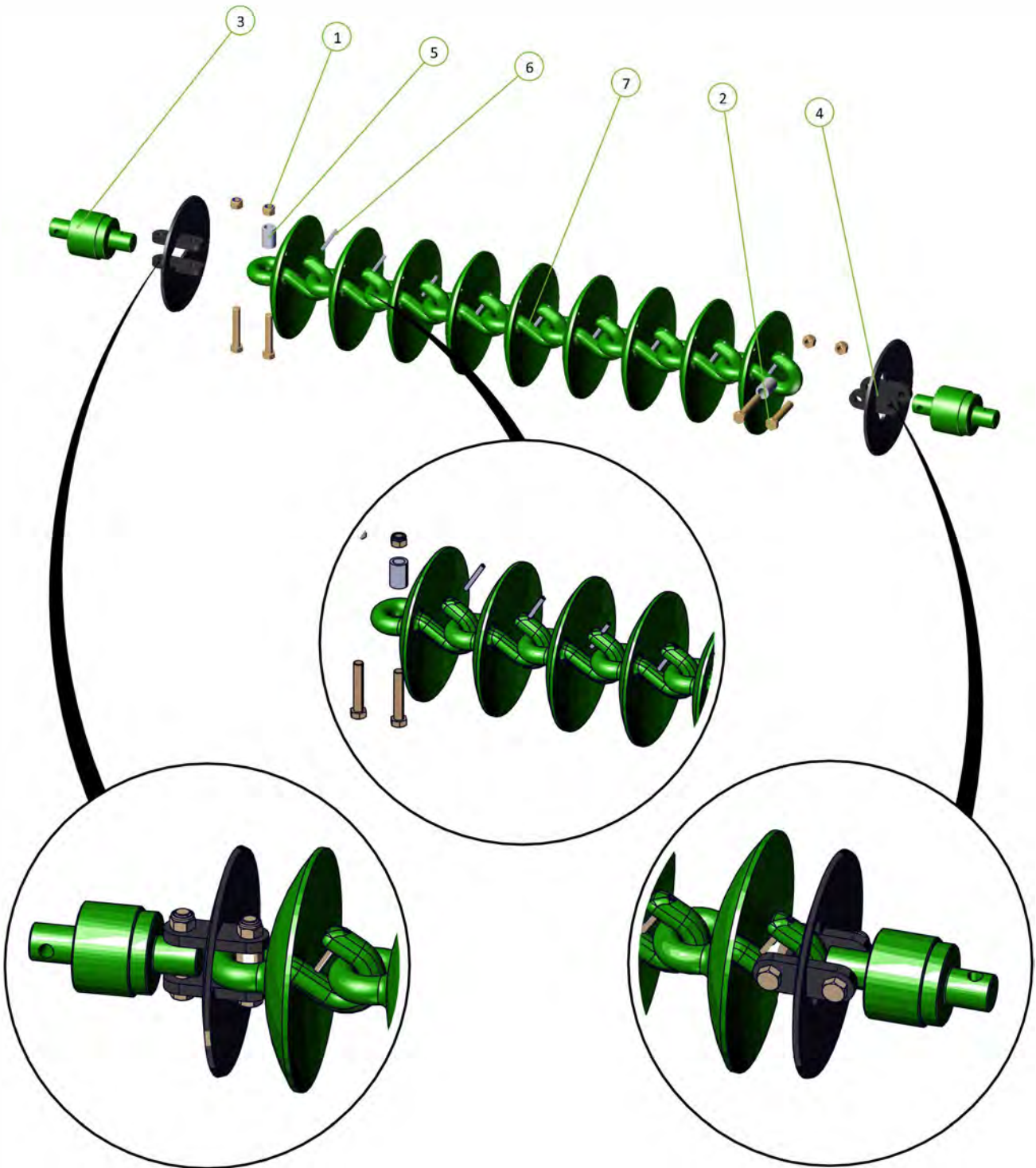
Fully Extended



Item No.	Description	Qty	Number
1	Nyloc Nut M20	4	0221-NYL20
2	M20 x 110 grade 10.9 ZP Short Thread Bolt	4	0211-20110ST
3	20mm Bolt Swivel Unit	2	0802-PCHB55
4	Tie Plate Link 20mm	2	0802-DCTP-20
5	Disc Chain Spacer	2	0801-PCDCS55
6	Roll Pin Zinc Plated 3/8" x 3"	1	0262-3-8X3
7	CL1-B Chain Disc Link	1	0803-CL1



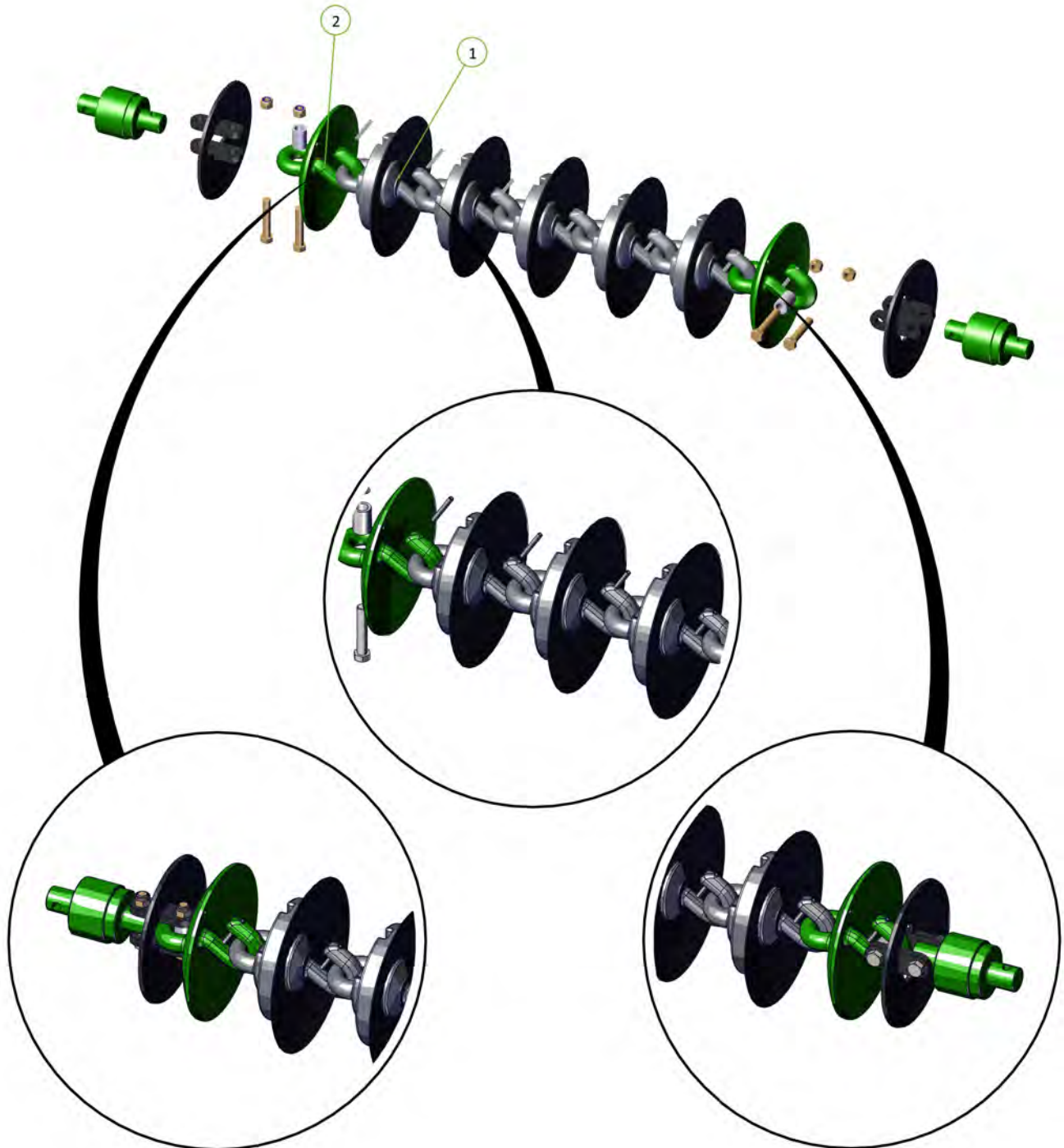
For correct chain tension, chain links may need to be removed from the end of the chain. For the CL1 disc chain, unhook disc chain link/s from the end of the chain.



Item No.	Description	Qty	Number
1	0803-CL2-Link Assembly	1	0803-CL2
2	CL1-B Chain Disc Link	1	0803-CL1

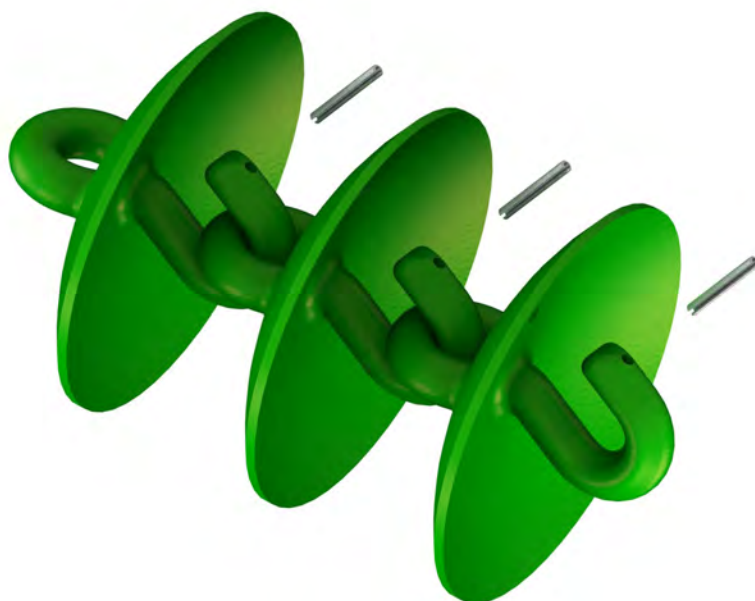
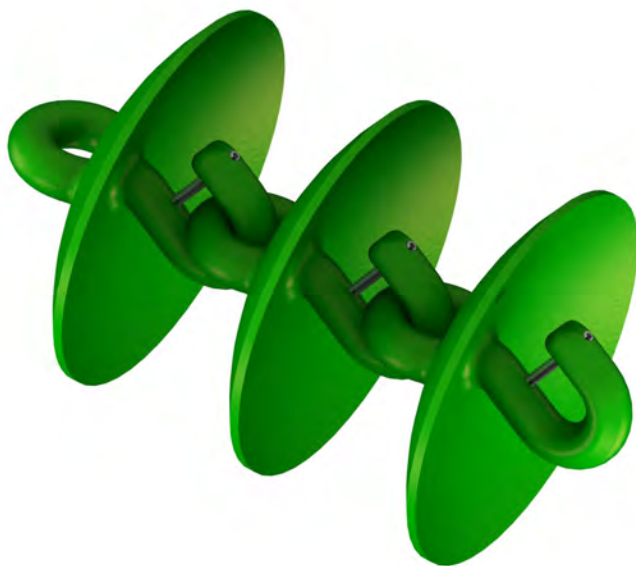


For correct chain tension, chain links may need to be removed from the end of the chain.
 For the CL2 disc chain, unhook disc chain link/s from the end of the chain.



Fitting Cast Link Pins

Please install cast link retaining Pins (3/8" x 3" Roll Pin, part number 0262-3-8X3) on all cast disc links. Failure to do this could lead to the discs becoming dislodged during transport causing severe damage or injury.



Item No.	Description	Qty	Number
1	10 Spike Disc Chain 49/27/5	1	0803-SD49
2	Tie Plate For 20mm Bolt	4	0800-83.2



For correct chain tension, chain links may need to be removed from the end of the chain.
 For the spiked disc chain, cut a disc chain link from the end of the chain.

