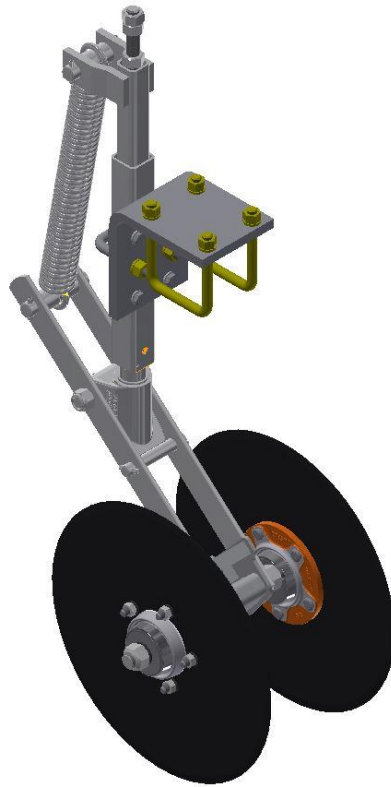


AUSPLOW

Australian designed and manufactured



AUSPLOW COULTER SPARE PARTS MANUAL

VERSION 2.2

#00941

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History

Ausplow Coulter units have been available as options for Auseeder DBS Bars and Easitill Deep Tillage Bars since 1995.

Version 1 (V1) was supplied from 1995 to 2008 and some in 2009.

Version 2 (V2) was first supplied in late April 2009, incorporating the 5 stud hub assembly and 5 hole coulters discs.

Version 3 (V3) was introduced in 2016 with new style hub, bearing and seals. The new bolt on type axle assembly allows this version to be easily added to older Version 2 coulters assemblies.

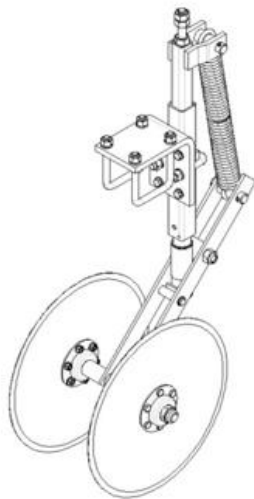
In 2018 the Coulter Locking Tool was introduced.

In 2019 the coulters axle assembly was fitted with additional bolts to prevent axle rotation on the coulters arms.

Limited Parts Available
Version 0



1995 to 2008
Version 1



2009 - 2016
Version 2



2016 - onwards
Version 3



Information

This spare parts manual covers the Ausplow Auseeder DBS Coulter product line.

Throughout this manual some generic acronyms will be used:

ORB:	Obsolete Replaced By,
NLA:	No Longer Available,
N/A:	Not Available or Not Applicable,
BSO:	By Special Order (extended lead times may apply),
NS:	Not Shown,
NSS:	Not Supplied Separately,
SS:	Stainless Steel,

Due to the age of some machines and Ausplow's policy of continuous improvement, a number of changes may have been made from the original build specification of a machine.

It is advised that ALL parts be double checked where possible with the more detailed information provided within different areas of this manual.

Identifying features and dimensions are provided to assist with identification of components. Parts that are correctly supplied but don't fit due to the failure of an individual to use the identification methods provided may be subjected to a restocking fee.

Components that have been manufactured to a BSO requirement may not be eligible for return.

Ausplow reserves the right to change specification/s of components without notice.

Spare Parts Return Policy

Ausplow parts may only be returned by Ausplow Dealers under the following conditions:

- Provide a **copy of the Ausplow Sales Order/Tax invoice** which the goods were purchased on with the returned goods.
 - That way we know who they were from, when they were ordered and what Branch is to receive the credit.
- **List the part numbers and quantities** of the returned items.
- Provide a brief description of **why the goods are being returned**,
 - ie: incorrectly supplied, incorrectly ordered etc
 - This helps us identify if the restocking fee is applicable.
 -

6 Davison Road, Cockburn Central WA 6164
P O Box 5010, South Lake WA 6964
Ph: (61 8) 9417 8877 Fax: (61 8) 9417 8878
ausplow@ausplow.com.au
www.ausplow.com.au

AUSPLOW FARMING SYSTEMS
AUSEEDER DBS - MULTISTREAM - EASITILL

TAX INVOICE

Number	
Date	
PO Number	
Cust Code	
Due Date	
Page	1

Bill To	Deliver To

Product Code	Product Description	Qty	Price	Discount	Amount Excl GST
01132	Shank - Auserder - Hyd Recoil Painted	2.00		20.00	
01287	Blade Assembly DBA29-130 9" Blade	40.00		20.00	
01288	Blade Assembly - DBA27-130 7" Blade	50.00		20.00	
RETURNED & 20% INCORRECTLY ORDERED					

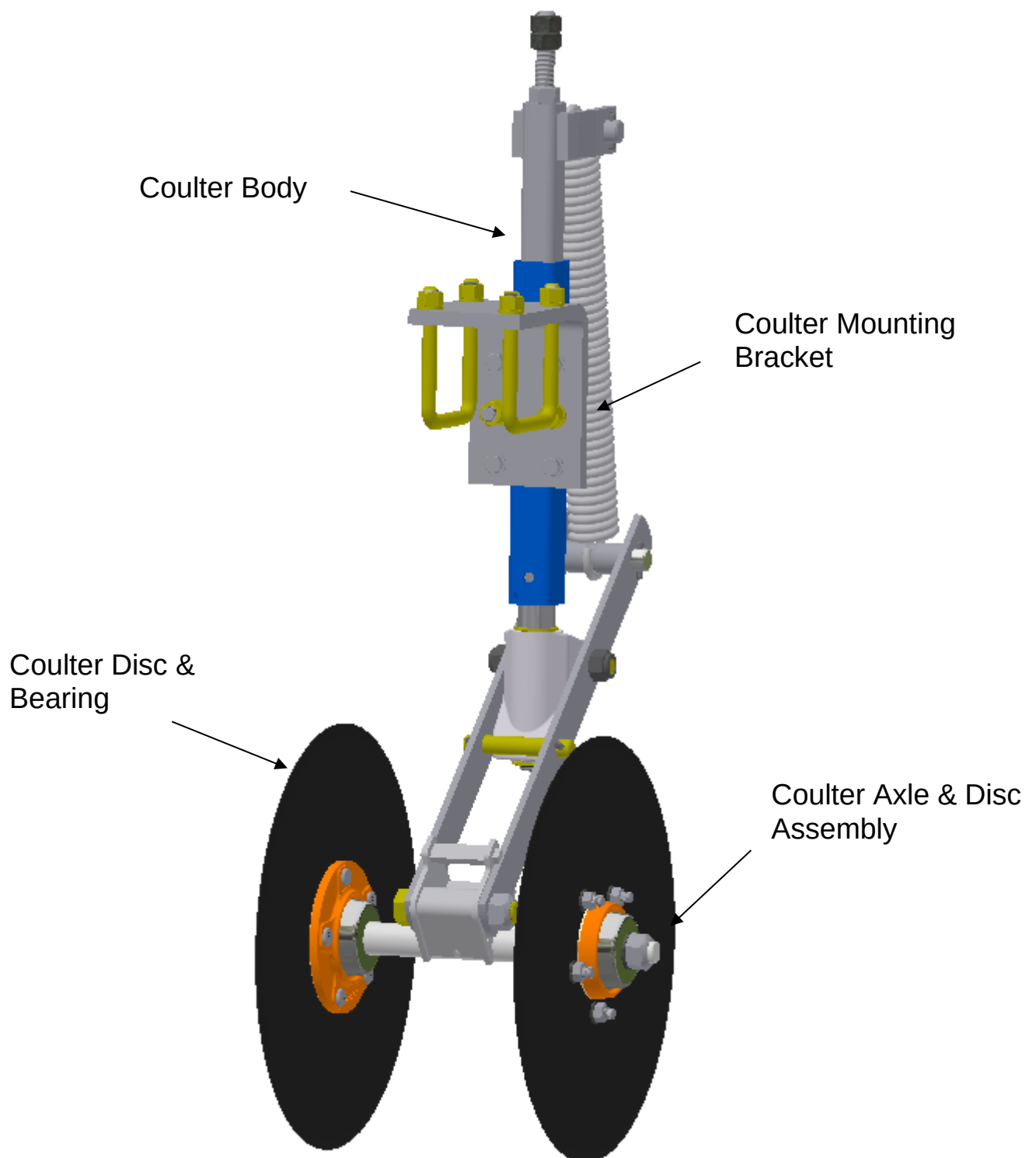
EFT DETAILS: BSB: 086-136 A/C#: 795 293 766

Retention of Title: Title to the goods remains with Ausplow Farming Systems until payment. The goods must be kept separate from other goods received & marked as owned by Ausplow Farming Systems. Any moneys received for the sale of the goods must be held for the benefit of Ausplow Farming Systems & paid to Ausplow Farming Systems until the debt is paid in full. If the debtor fails to pay the debt Ausplow Farming Systems can enter the premises where the goods are located & seize those goods and sell them to recover the amount of debt still owing.

Sub-Total (Ex GST)	
GST	
Total (Inc GST)	

- The return freight is at the **Dealer's expense**.
- The returned items must be in **resalable condition**.
 - ie: in a clean, unused and undamaged condition
- A standard **20% restocking fee** on the Dealer Net Price applies.
- International orders and special orders are non-refundable.

Visual Index: Coulter Parts



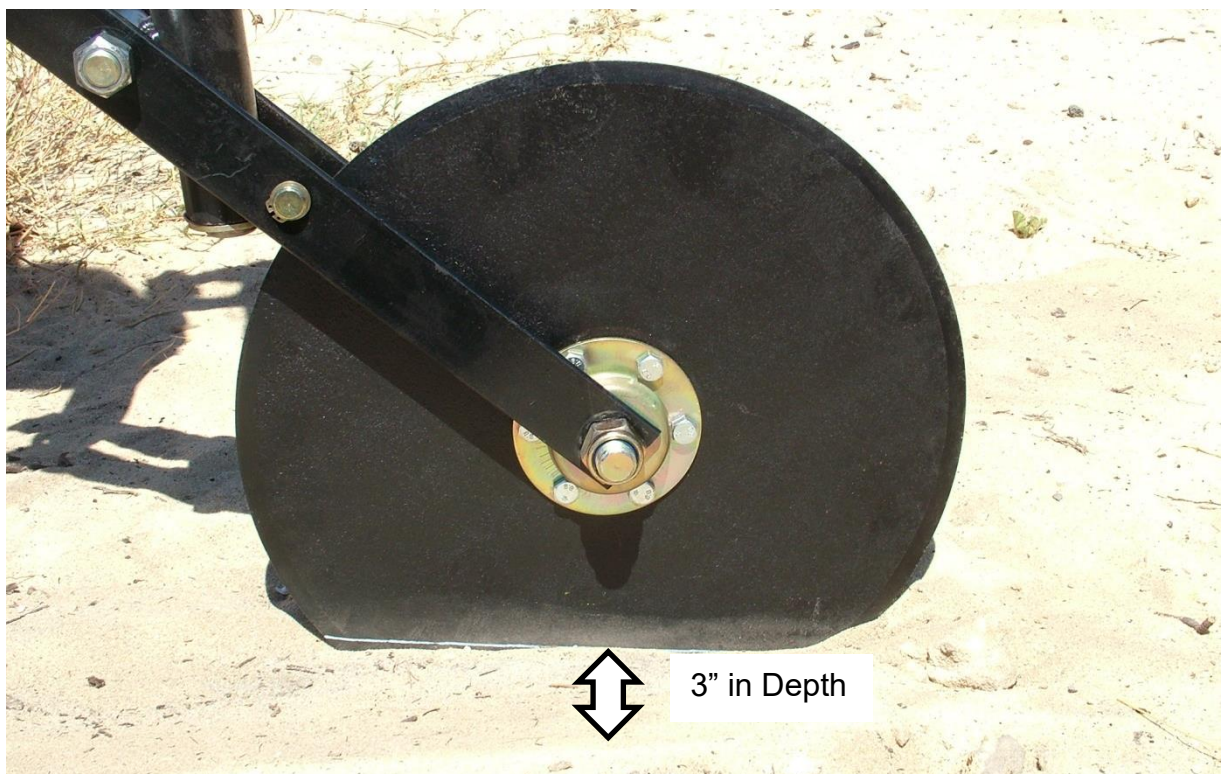
1.0 Coulter Information

1.1 Coulter Selection

Currently two coulter discs are offered with DBS Auseeders, standard flat and ripple. The standard flat disc is suitable for rocky conditions, loams and clay. The ripple disc is better suited to sandy, light soils.

1.2 Setting Coulter Depth

Coulters affect the level of the bar and therefore coulter depth should be set prior to final paddock leveling if fitted. Ideally the coulters should be set to cut at approximately 75mm (3") in depth. If coulters are lifted out of position for any reason, the DBS bar will require leveling both front to rear and left to right.



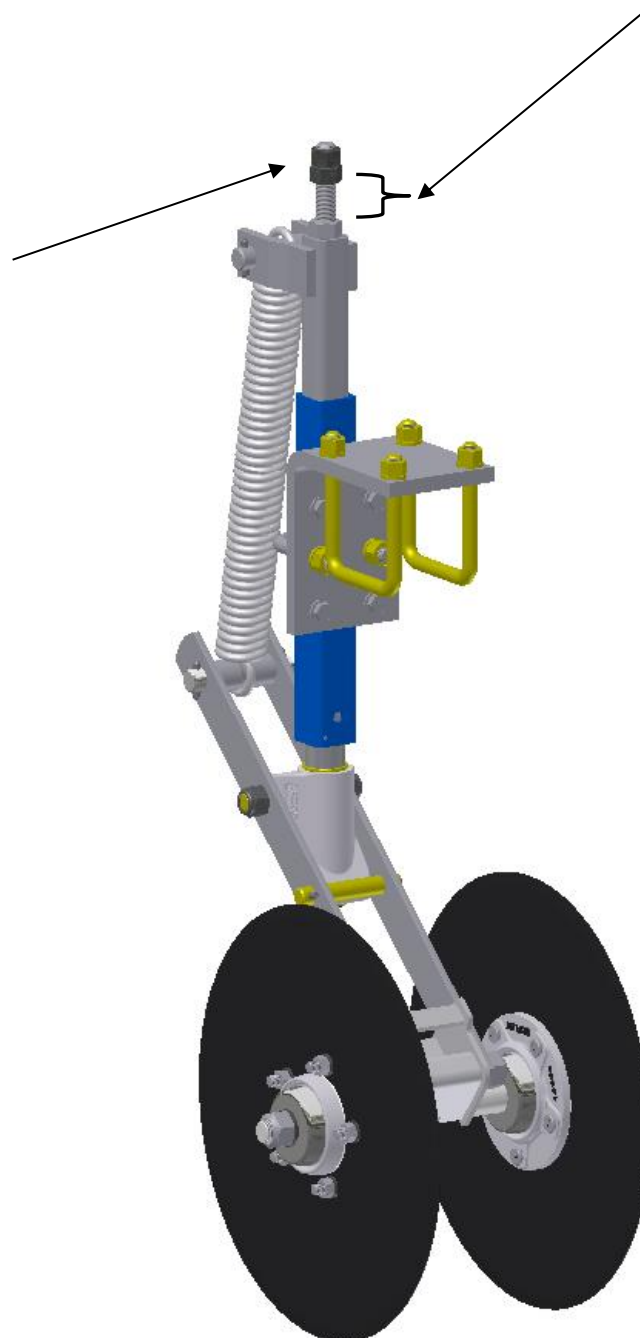
Correct Depth Setting – Coulter

1.3 Coulter Pressure Adjustment

The coulter spring adjustment screw alters the downward spring pressure on the coulter disc. Wind the screw inward to increase pressure (less thread showing) and outwards for lower pressure (more thread showing).

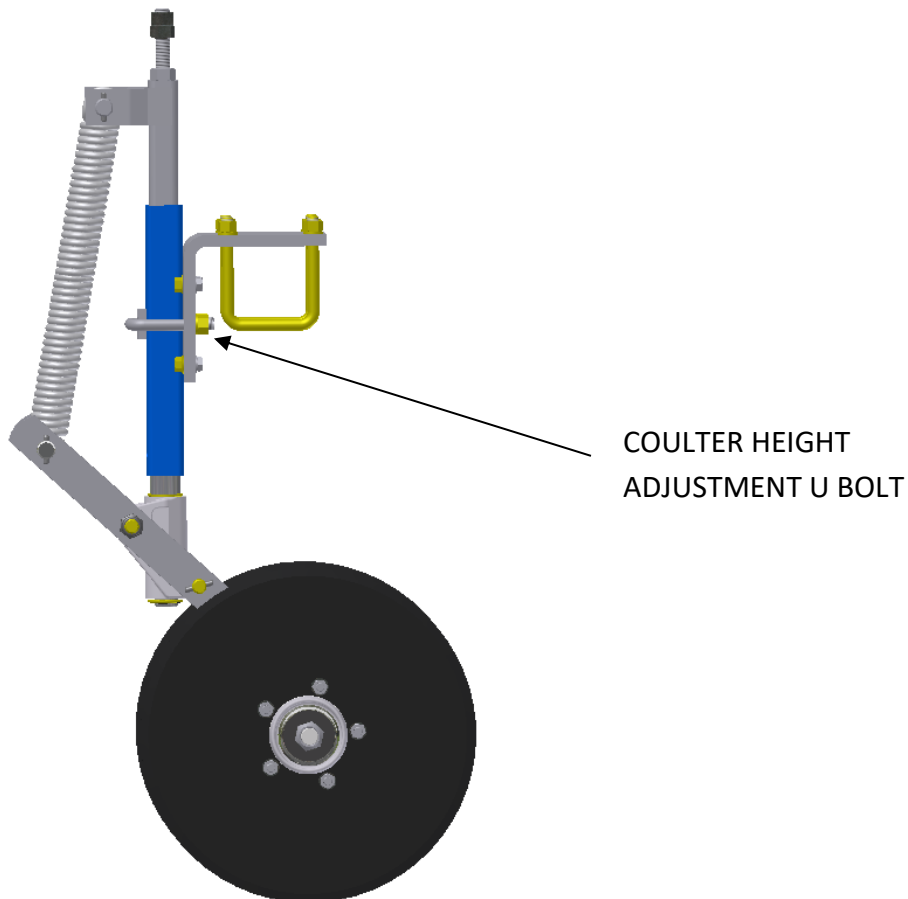
Single coulters usually run at a low spring tension while double coulters normally run at a higher spring tension. As a starting guide, adjust thread showing to 60mm for single coulters and 30mm for double coulters.

COULTER SPRING
ADJUSTMENT SCREW



1.4 Coulter Height

Adjust coulter cutting height by loosening the U-clamp and sliding the coulter up or down to the desired height. Ensure that the U-clamp is straight and re-tighten nuts.



Increasing coulter cutting depth decreases the cutting angle and can reduce the coulter's ability to cut surface trash. 3" (75mm) is suggested coulter cutting depth for surface trash cutting.



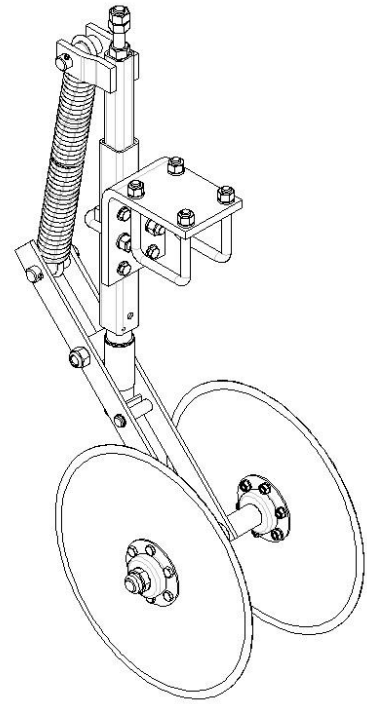
CAUTION!

Note: Adjust spring pressure to improve either trash cutting or reduce disc wear, not cutting height.

1.5 Coulter Design Differences

VERSION 1 (V1) - NLA

- 6 Hole Coulter Disc
- Narrow (53mm) Coulter Swivel

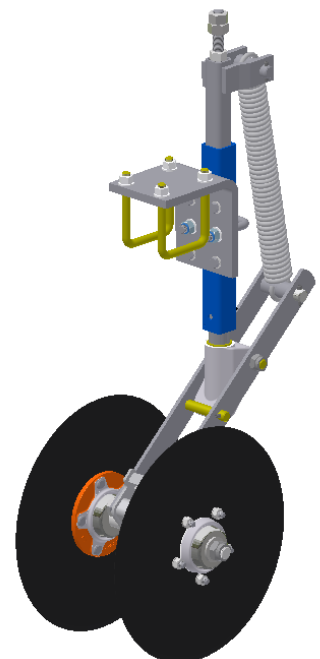


VERSION 2 (V2) - NLA

- 5 Hole Coulter Disc
- 5 Stud Hub Assembly (Black)
- Wider (75mm) Coulter Pivot Knuckle
- Different Bearings, Seals, Spacers and Dust Cover to V1

VERSION 3 (V3)

- Same 5 Hole Coulter Disc as V2
- New Style Coulter Axle
- New Style 5 Stud Coulter Hub (Orange)
- Different Bearing, Seals, Spacers and Dust Cover to V1 & V2



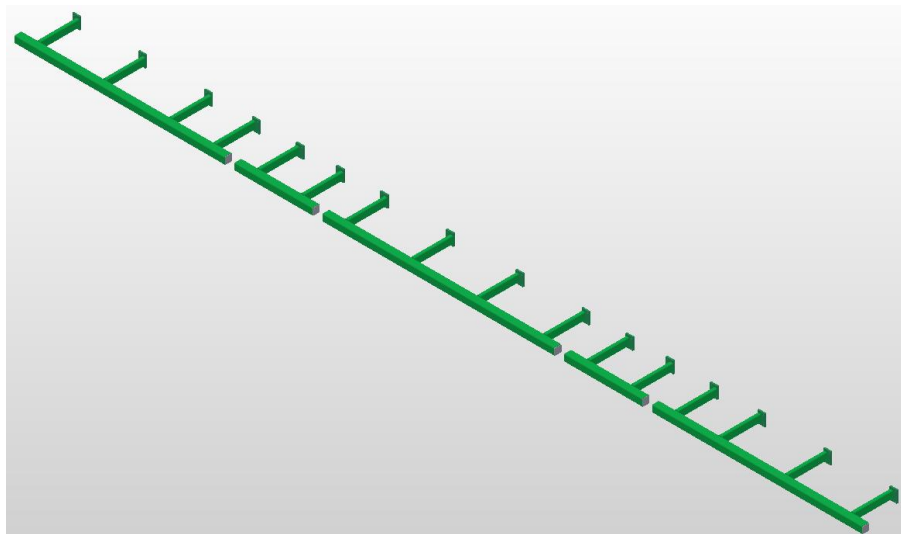
1.6 Coulter Kits – Version 3

Coulter Bar **Set**
(Bar set only)

or

Coulter Bar **Kit**
(Bar set & U bolts)

or



Coulter Kits
(Bar set, U bolts & coulters)



Information Required

- Machine serial number.
- Flat or Ripple Coulter Disks
- Most coulter kits are listed in whole goods price pages.

Coulter Kits with Flat Disc**D260**

Tines	Doubles & Single Coulters	Part#
32	15 x Doubles – 2 x Singles	03584
36	17 x Doubles – 2 x Singles	03586
42	21 x Doubles – 4 x Singles	03814
46E	23 x Doubles	03812
48N	23 x Doubles – 2 x Singles	03594
48E	23 x Doubles – 2 x Singles	03590
54	27 x Doubles	03596
59	28 x Doubles – 3 x Singles	03635
64	31 x Doubles – 2 x Singles	03599
70	33 x Doubles – 4 x Singles	03630

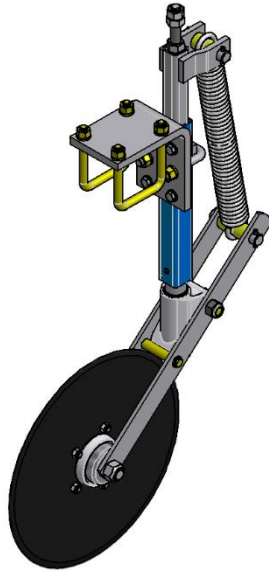
D300

Tines	Doubles & Single Coulters	Part#
32	15 x Doubles – 2 x Singles	03585
36	17 x Doubles – 2 x Singles	03587
40	19 x Doubles – 2 x Singles	03589
44	21 x Doubles – 2 x Singles	03592
46	21 x Doubles – 4 x Singles	03633
49	22 x Doubles – 5 x Singles	03595
50	23 x Doubles – 4 x Singles	03803
51	24 x Doubles – 3 x Singles	03634
55	24 x Doubles – 7 x Singles	03628
60T	28 x Doubles – 4 x Singles	03810
61	28 x Doubles – 5 x Singles	03598

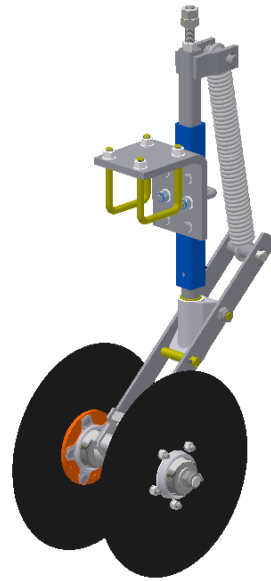
D381

Tines	Doubles	Part#
28	14 x Doubles	03766
32	16 x Doubles	03755
36	18 x Doubles	03756
40	20 x Doubles	03757
44	22 x Doubles	03758
48	24 x Doubles	03646

2.0 Coulter Assemblies - V3 – 2016 on



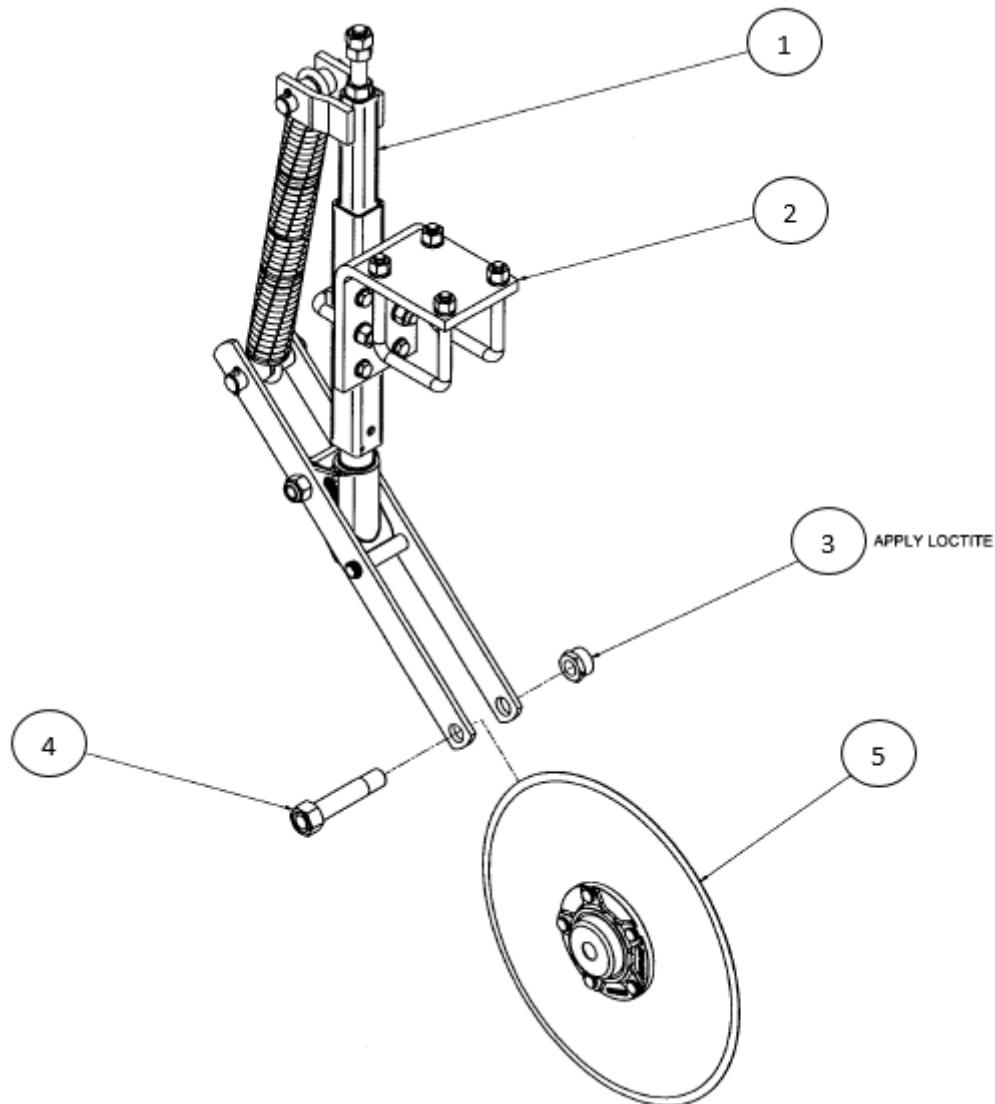
1.



2.

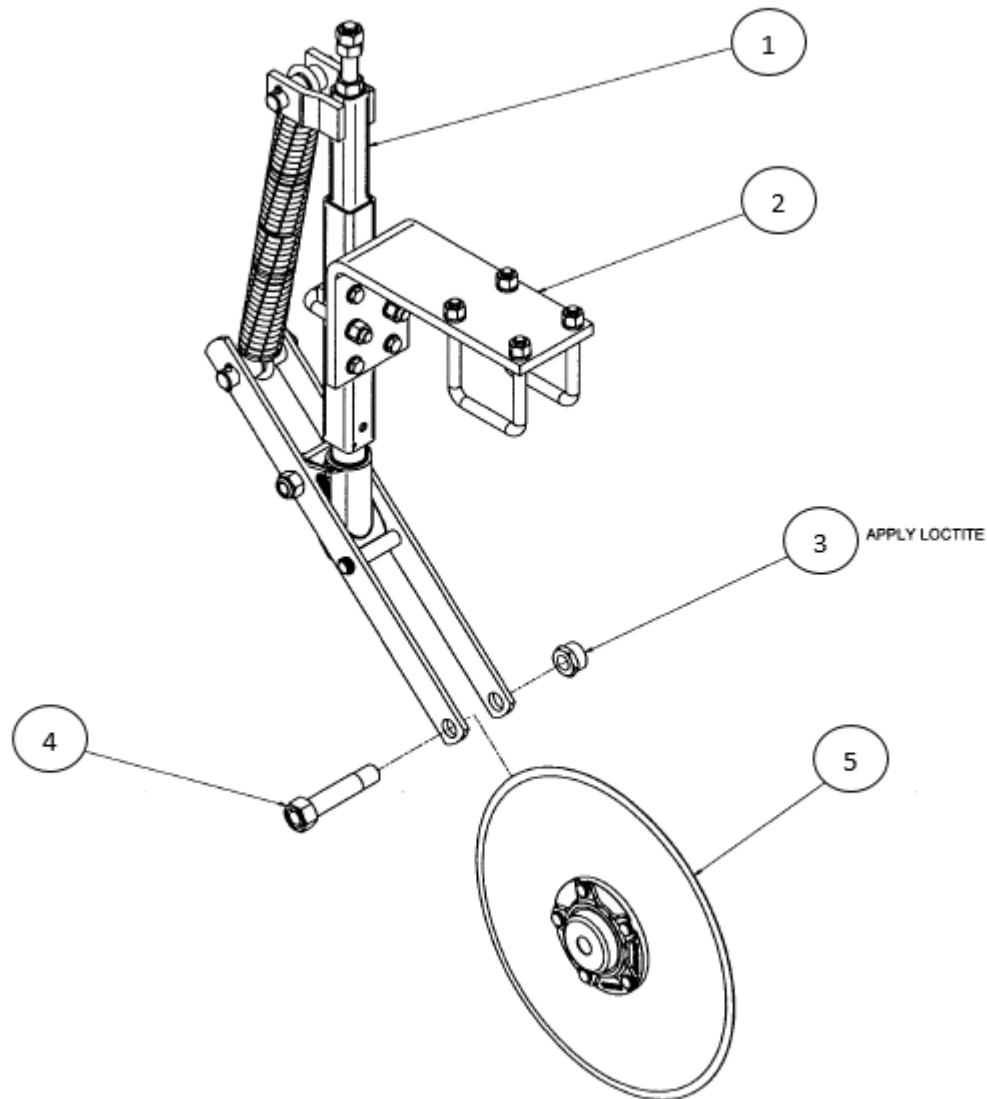
Item#	Qty	Description	Part#
NS	1	Coulter Assy - Dbl 260 - 180mm Brkt - Flat Disc - 5 Stud	03662
NS	1	Coulter Assy - Dbl 260 - 180mm Brkt - Ripple Disc - 5 Stud	03712
NS	1	Coulter Assy - Dbl 260 - 330mm Brkt - Flat Disc - 5 Stud	03692
NS	1	Coulter Assy - Dbl 260 - 330mm Brkt - Ripple Disc - 5 Stud	03715
2	1	Coulter Assy - Dbl 300 - 180mm Brkt - Flat Disc - 5 Stud	03661
NS	1	Coulter Assy - Dbl 300 - 180mm Brkt - Ripple Disc - 5 Stud	03711
NS	1	Coulter Assy - Dbl 300 - 330mm Brkt - Flat Disc - 5 Stud	03691
NS	1	Coulter Assy - Dbl 300 - 330mm Brkt - Ripple Disc - 5 Stud	03714
NS	1	Coulter Assy - Dbl 381 - 180mm Brkt - Flat Disc - 5 Stud	14542
NS	1	Coulter Assy - Dbl 381 - 180mm Brkt - Ripple Disc - 5 Stud	03780
NS	1	Coulter Assy - Dbl 381 - 330mm Brkt - Flat Disc - 5 Stud	03779
NS	1	Coulter Assy - Dbl 381 - 330mm Brkt - Ripple Disc - 5 Stud	03781
1	1	Coulter Assy - Single - 180mm Brkt - Flat Disc - 5 Stud	03660
NS	1	Coulter Assy - Single - 180mm Brkt - Ripple Disc - 5 Stud	03710
NS	1	Coulter Assy - Single - 330mm Brkt - Flat Disc - 5 Stud	03690
NS	1	Coulter Assy - Single - 330mm Brkt - Ripple Disc - 5 Stud	03713

2.1 Coulter Assembly – V3 – Single – 180mm Bracket – Flat Disc



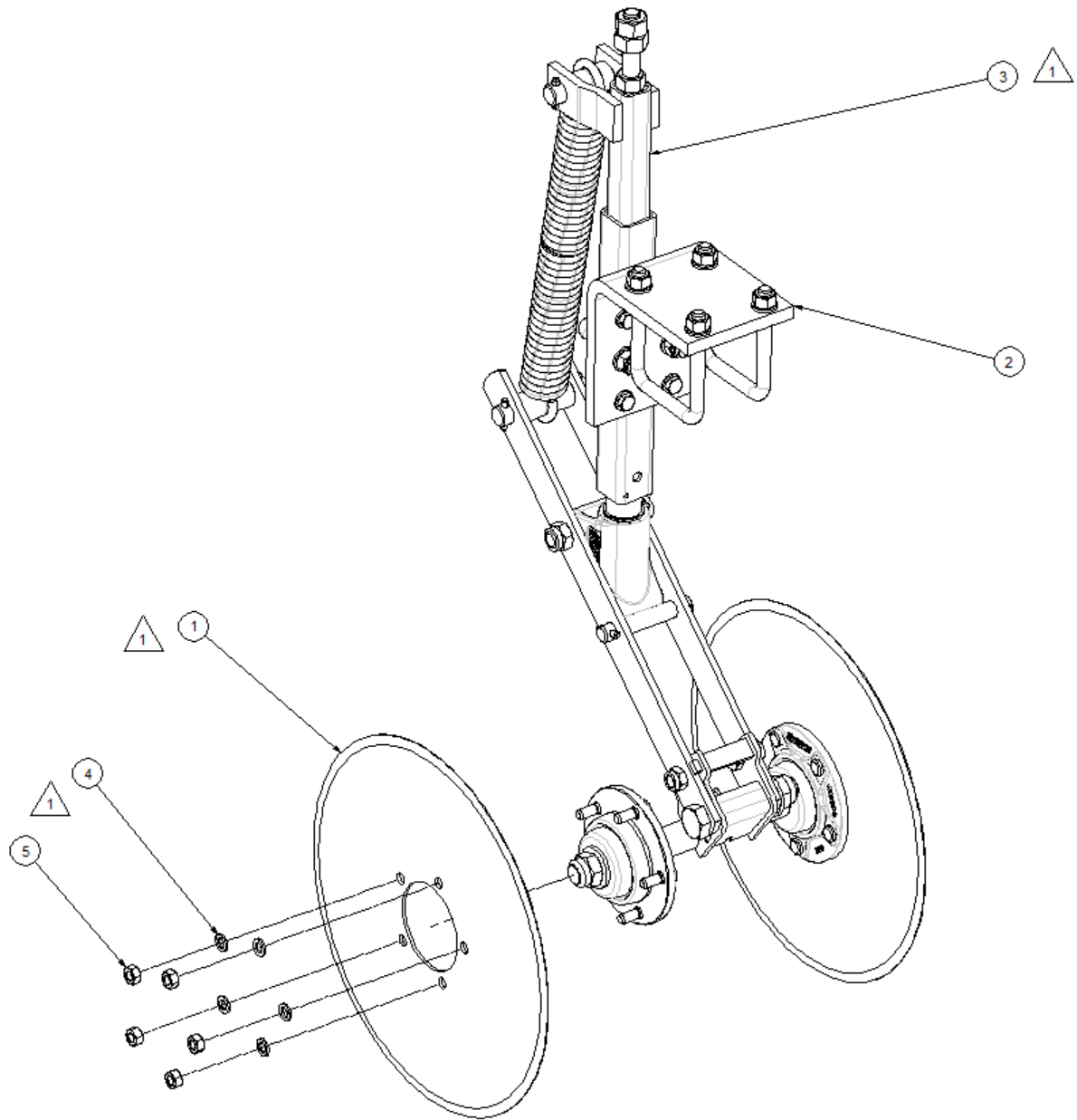
Item#	Qty	Part#	Description
All	1	03660	Coulter Assembly - Single -180mm Bracket - Flat Disc - 5 Stud
	1	03710	Coulter Assembly - Single – 180mm Bkt – Ripple Disc – 5 Stud
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	09523	Nut M24 ZP Conelock
4	1	03669	Axle - Coulter – Single <09
5	1	03674	Coulter Disc & Hub Assembly – Flat Disc – 5 Stud
	1	03697	Coulter Disc & Hub Assembly – Ripple Disc – 5 Stud

2.2 Coulter Assembly – V3 - Single - 330mm Bracket



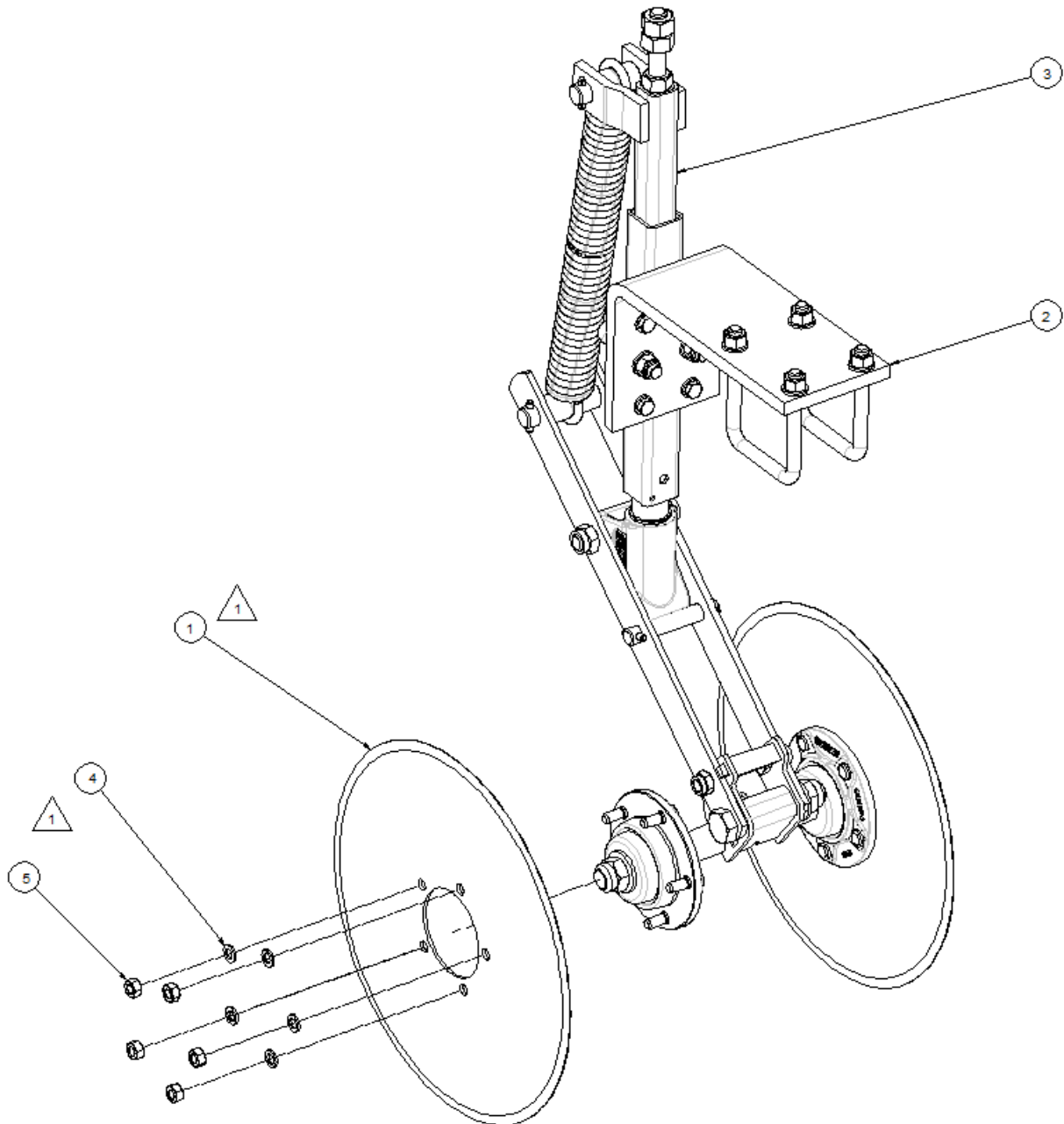
Item#	Qty	Part#	Description
All	1	03690	Coulter Assembly - Single – 330mm Bracket – Flat Disc – 5 Stud
	1	03713	Coulter Assembly - Single – 330mm Bkt – Ripple Disc – 5 Stud
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03189	Coulter Mounting Kit – 330mm Plate
3	1	09523	Nut M24 ZP Conelock
4	1	03669	Axle - Coulter – Single <09
5	1	03674	Coulter Disc & Hub Assembly – Flat Disc – 5 Stud
	1	03697	Coulter Disc & Hub Assembly – Ripple Disc – 5 Stud

2.3 Coulter Assembly – V3 - Double 260 - 180mm Bracket



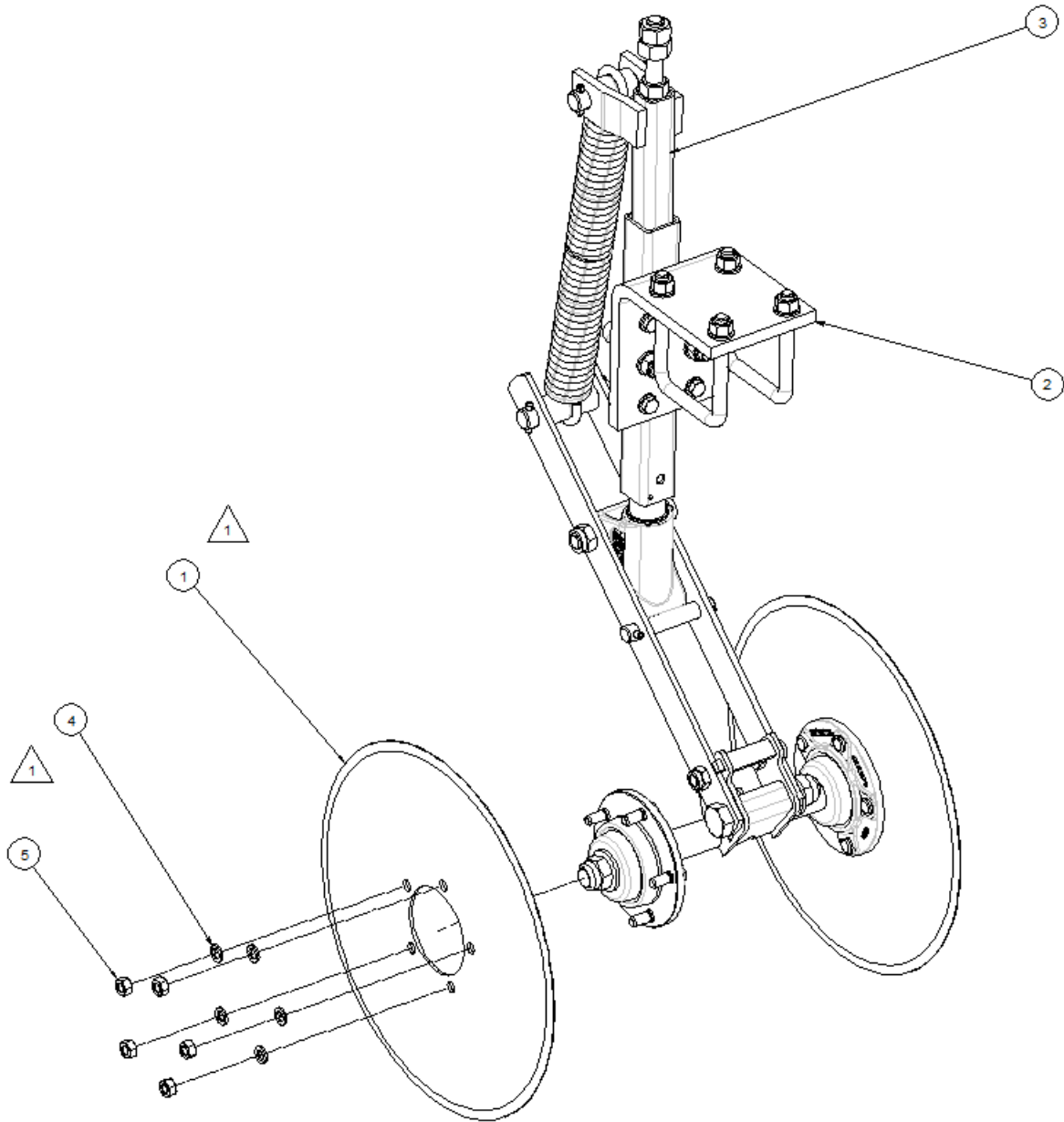
Item#	Qty	Part#	Description
All	1	03662	Coulter Assembly - Double 260 -180mm Bracket - Flat Disc - 5 Stud
	1	03712	Coulter Assembly - Dble 260 -180mm Bkt - Ripple Disc - 5 Stud
1	2	12161	Coulter Disc 18" Flat
	2	12675	Coulter Disc 18" Ripple
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	03693	Coulter Body & Dbl Hub Assy 260 Crs 5 Stud
4	10	09010	Washer Spring M12
5	10	09635	Nut M12 x 1.5 Fine

2.4 Coulter Assembly – V3 - Double 260 - 330mm Bracket



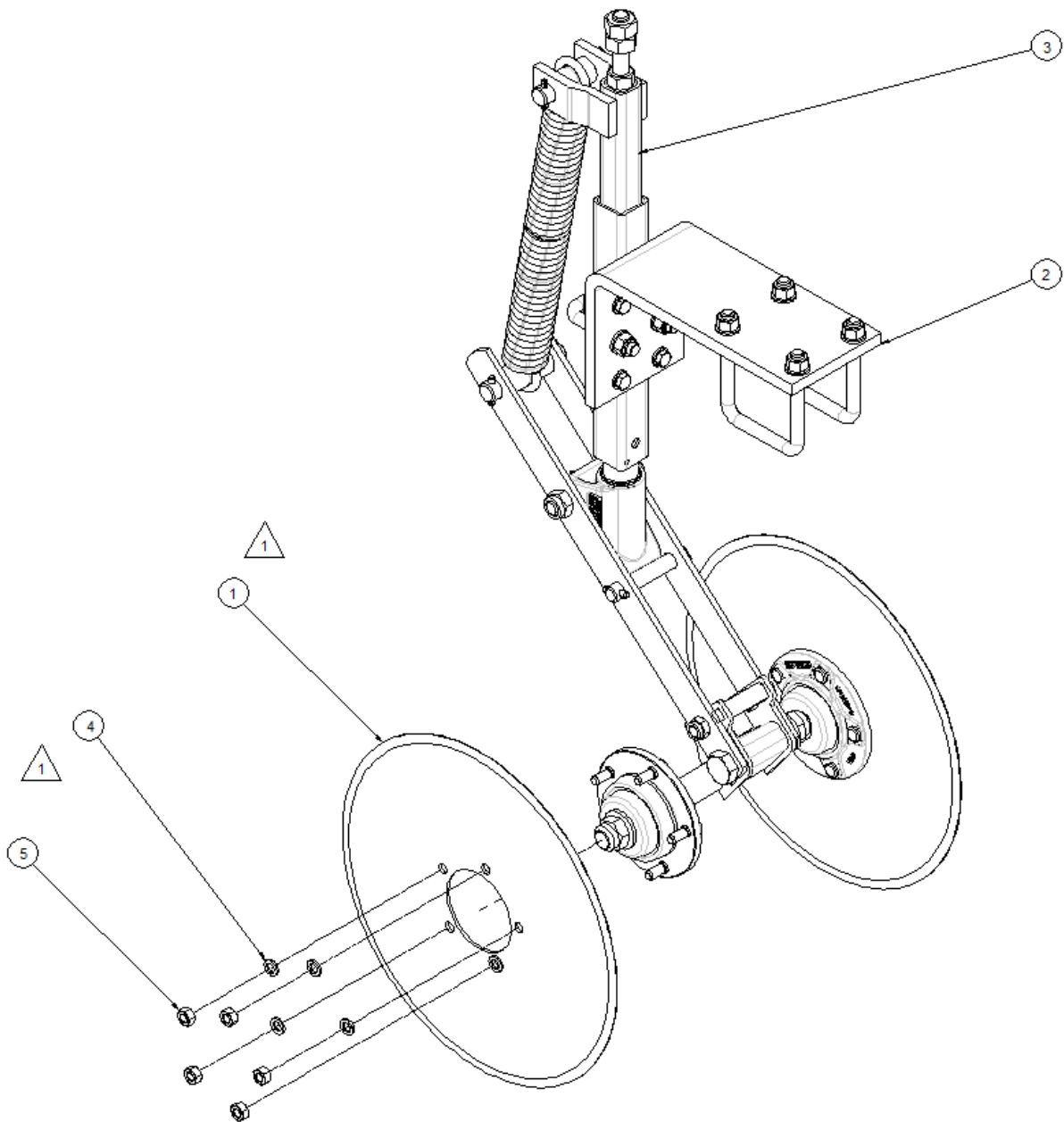
Item#	Qty	Part#	Description
All	1	03692	Coulter Assembly - Double 260 -330mm Bracket - Flat Disc - 5 Stud
	1	03715	Coulter Assembly - Dble 260 -330mm Bkt - Ripple Disc - 5 Stud
1	2	12161	Coulter Disc 18" Flat
	2	12675	Coulter Disc 18" Ripple
2	1	03189	Coulter Mounting Kit – 330mm Clamp Plate
3	1	03693	Coulter Body & Dbl Hub Assy 260 Crs 5 Stud
4	10	09010	Washer Spring M12
5	10	09635	Nut M12 x 1.5 Fine

2.5 Coulter Assembly – V3 - Double 300 - 180mm Bracket



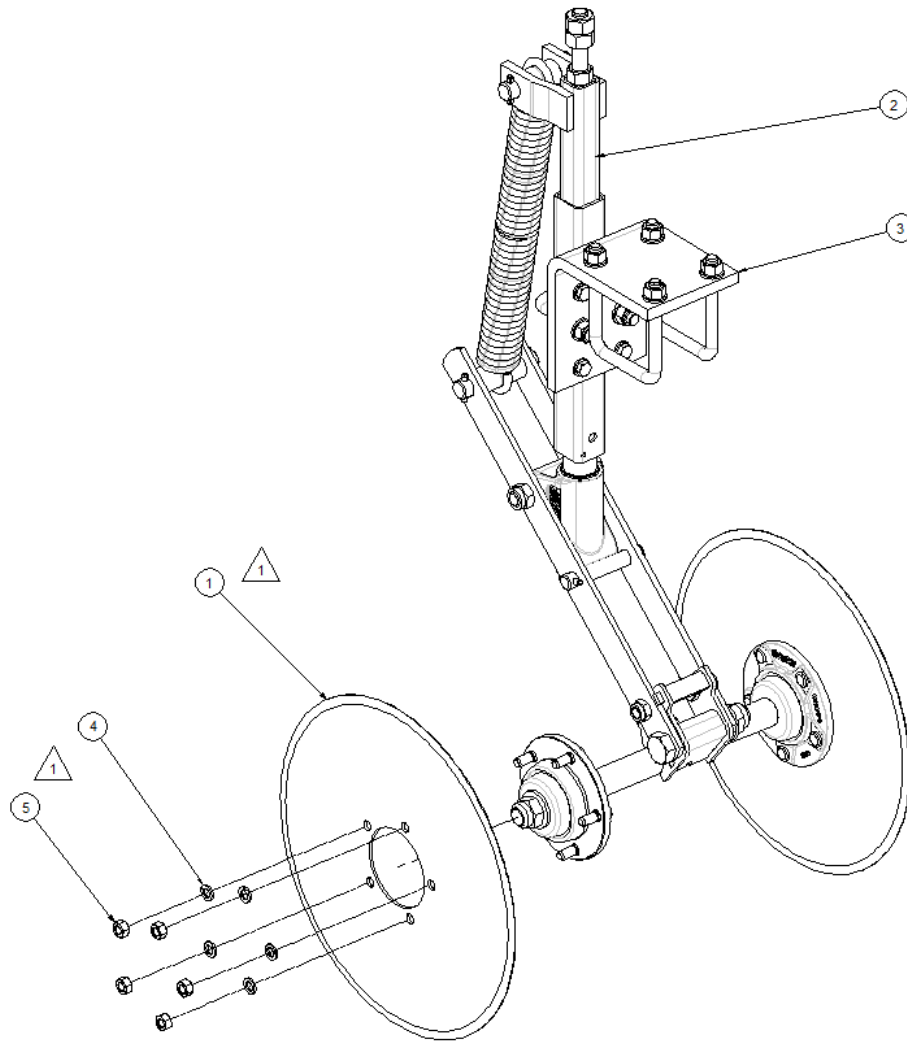
Item#	Qty	Part#	Description
All	1	03661	Coulter Assembly - Double 300 -180mm Bracket - Flat Disc - 5 Stud
	1	03711	Coulter Assembly - Dble 300 -180mm Bkt - Ripple Disc - 5 Stud
1	2	12161	Coulter Disc 18" Flat
	2	12675	Coulter Disc 18" Ripple
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	03694	Coulter Body & Dbl Hub Assy 300 Crs 5 Stud
4	10	09010	Washer Spring M12
5	10	09635	Nut M12 x 1.5 Fine

2.6 Coulter Assembly – V3 - Double 300 - 330mm Bracket



Item#	Qty	Part#	Description
All	1	03691	Coulter Assembly - Double 300 -330mm Bracket - Flat Disc - 5 Stud
	1	03714	Coulter Assembly - Dble 300 -330mm Bkt - Ripple Disc - 5 Stud
1	2	12161	Coulter Disc 18" Flat
	2	12675	Coulter Disc 18" Ripple
2	1	03189	Coulter Mounting Kit – 330mm Clamp Plate
3	1	03694	Coulter Body & Dbl Hub Assy 300 Crs 5 Stud
4	10	09010	Washer Spring M12
5	10	09635	Nut M12 x 1.5 Fine

2.7 Coulter Assembly – V3 - Double 381 - 180mm Bracket



Item#	Qty	Part#	Description
All	1	14542	Coulter Assembly - Double 381 -180mm Bracket - Flat Disc - 5 Stud
	1	03780	Coulter Assembly - Dble 381 -180mm Bkt - Ripple Disc - 5 Stud
1	2	12161	Coulter Disc 18" Flat
	2	12675	Coulter Disc 18" Ripple
2	1	14710	Coulter Body & Dbl Hub Assy 381 Crs 5 Stud
3	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
4	10	09010	Washer Spring M12
5	10	09635	Nut M12 x 1.5 Fine

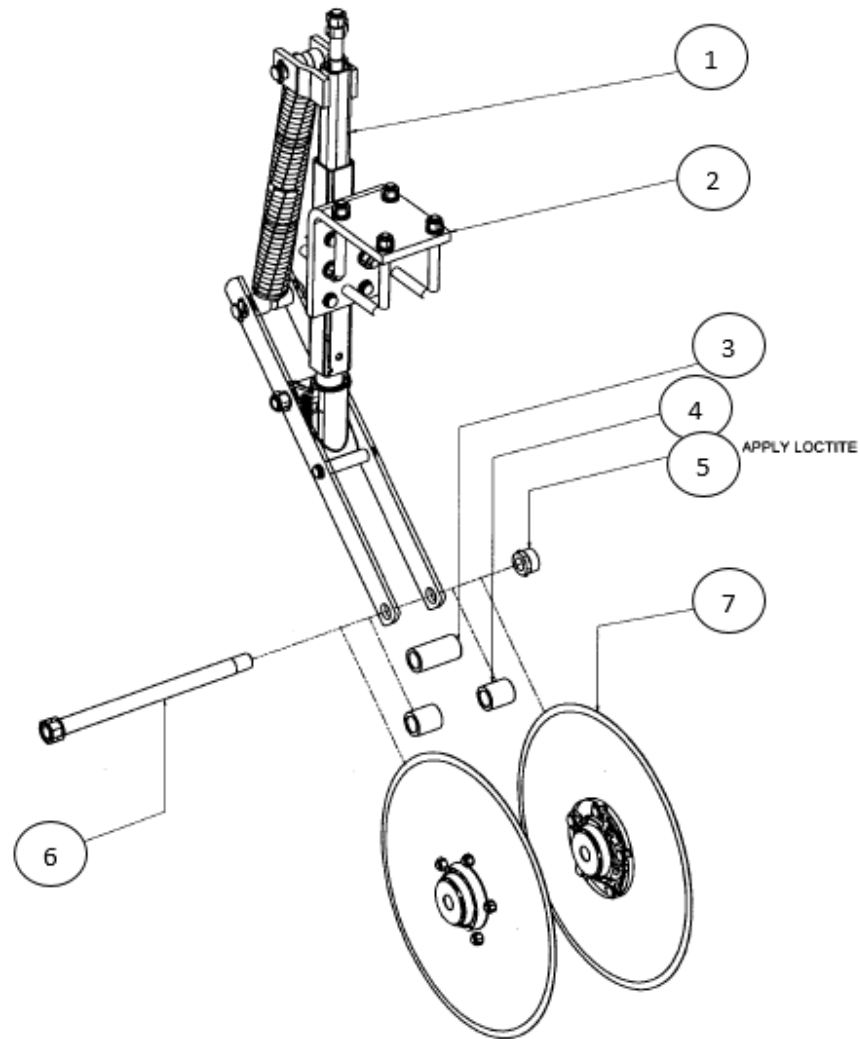
2.8 Coulter Assembly – V3 - Double 381 - 330mm Bracket

Part # 03779 Coulter Assembly Double 381 330mm Bracket Flat Disc

Part # 03781 Coulter Assembly Dble 381 330mm Bracket Ripple Disc

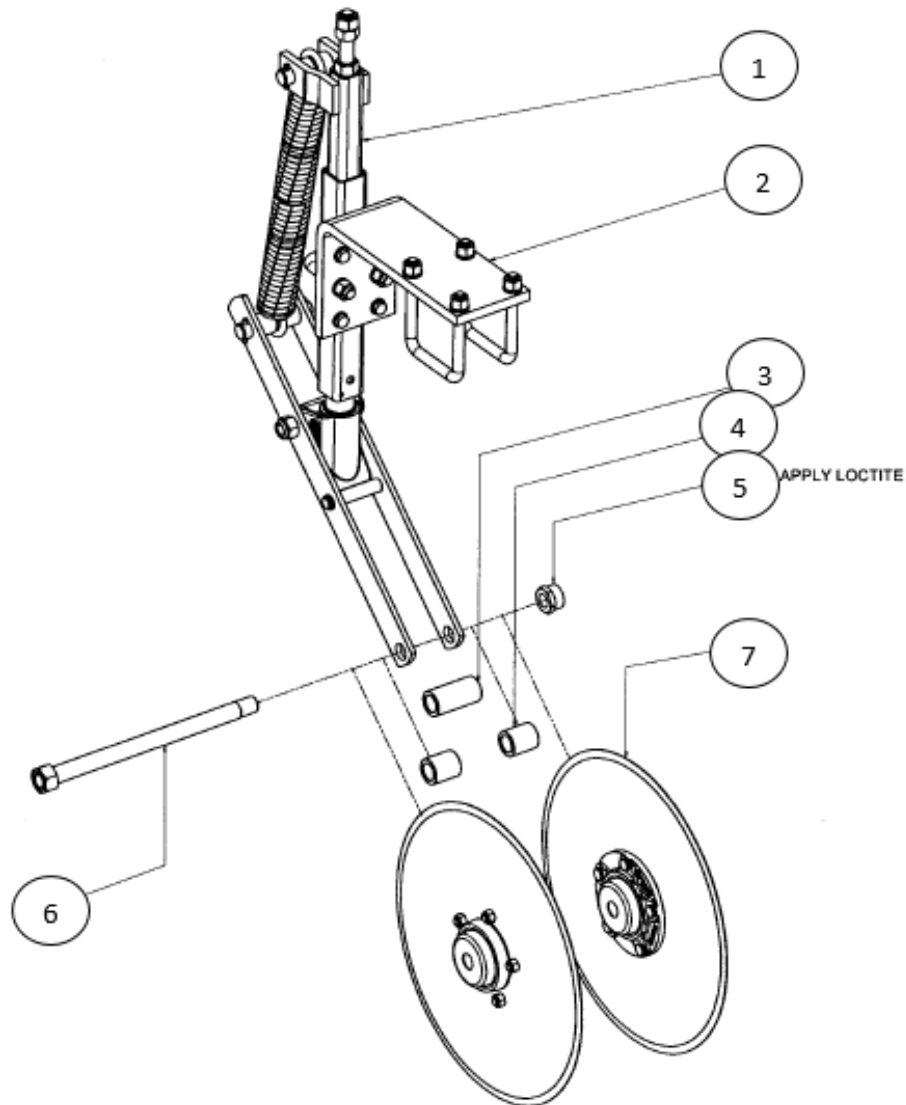
3.0 Coulter Assemblies – V2 (2009-2015)

3.1 Coulter Assembly - V2 - Double 260 - 180mm Bracket - Flat Disc



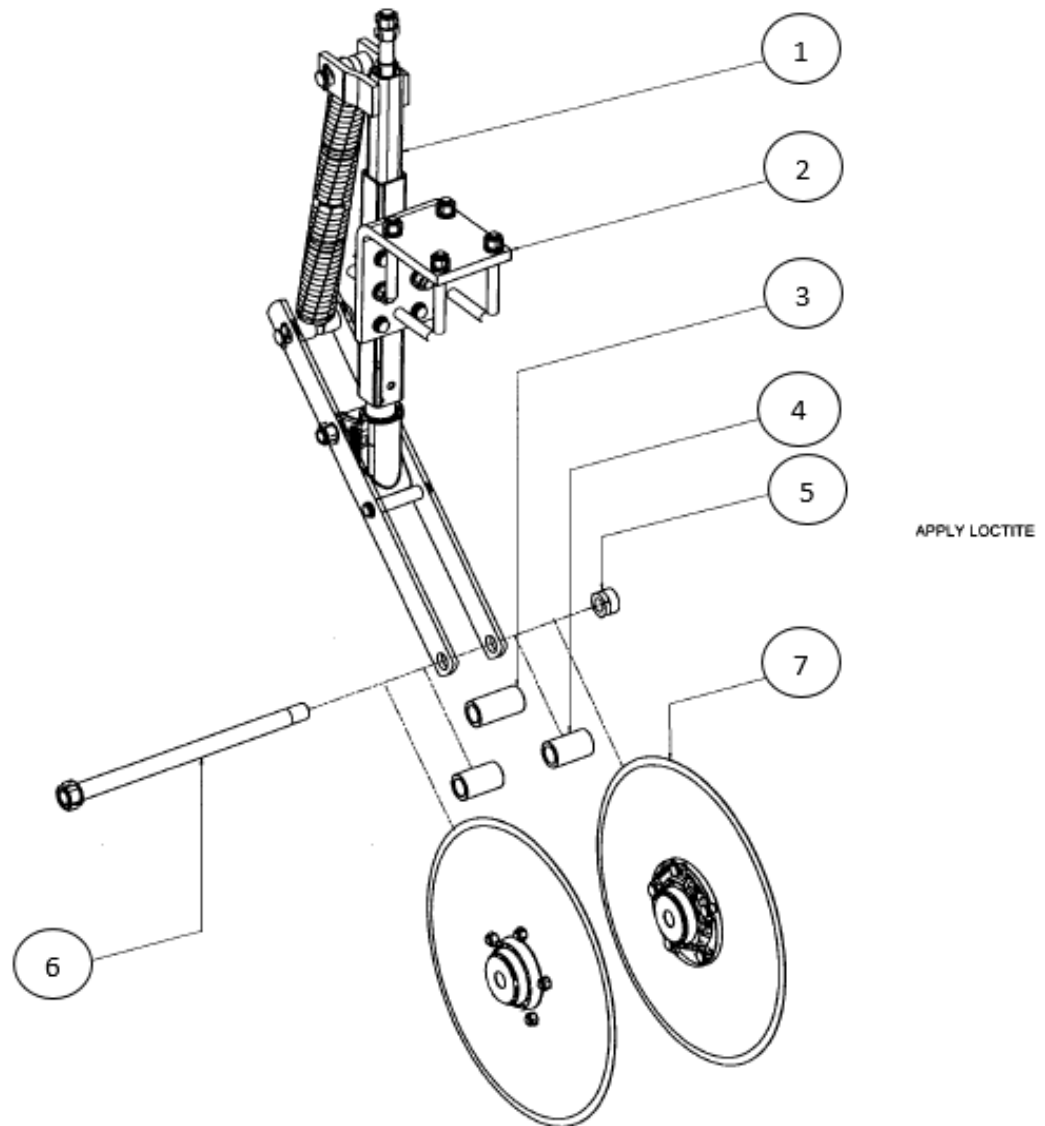
Item#	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	03108	Spacer L78
4	2	03684	Spacer L45
5	1	09523	Nut M24 ZP Conelock
6	1	03671	Axle Coulter Double 260 <09
7	2	03674	V3 Coulter Disc & Hub Assembly - Flat

3.2 Coulter Assembly - V2 - Double 260 - 330mm Bracket - Flat Disc



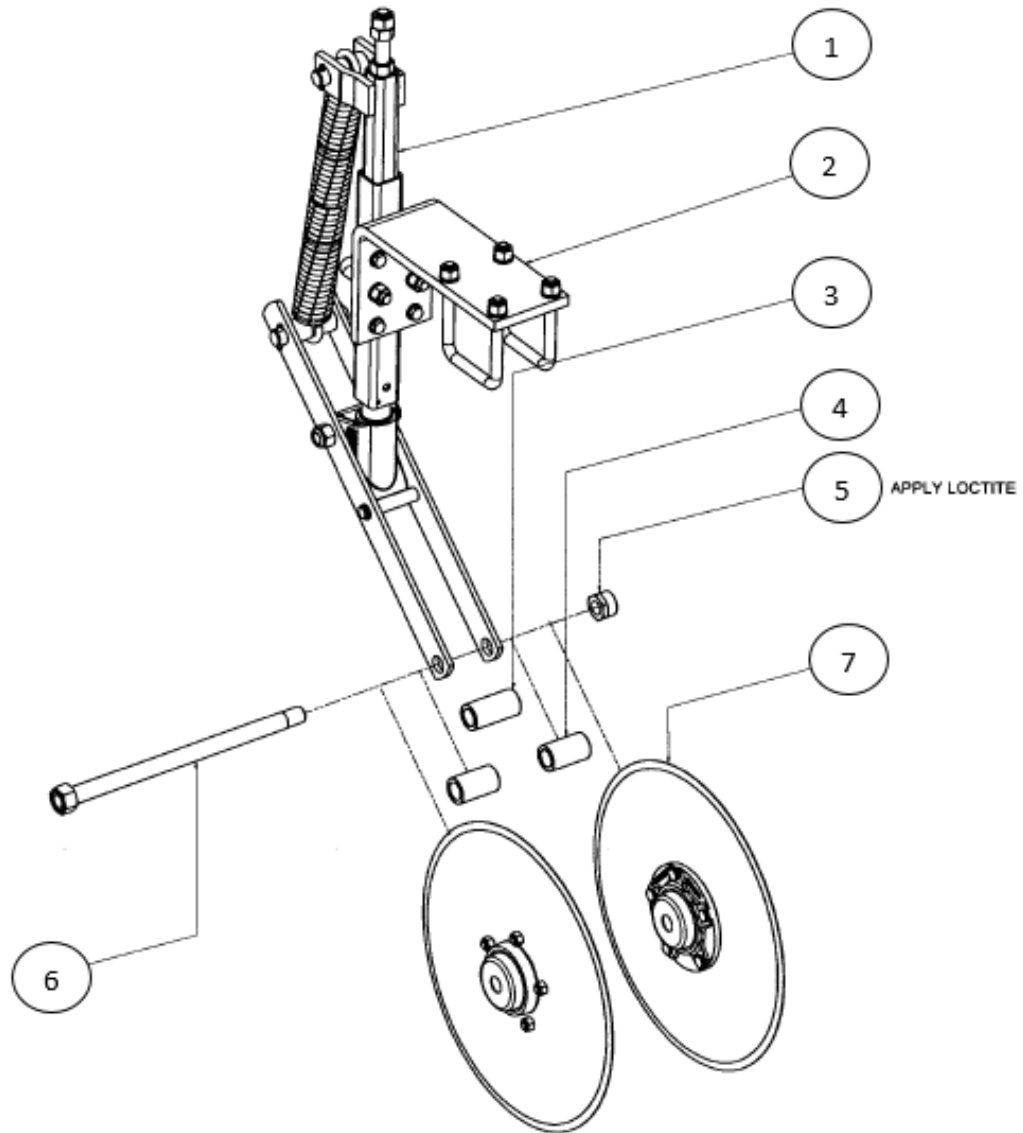
Item#	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03189	Coulter Mounting Kit - 330mm Plate
3	1	03108	Spacer L78
4	2	03684	Spacer L45
5	1	09523	Nut M24 ZP Conelock
6	1	03671	Axle Coulter Double 260 <09
7	2	03674	V3 Coulter Disc & Hub Assembly - Flat

3.3 Coulter Assembly - V2 - Double 300 - 180mm Bracket - Flat Disc



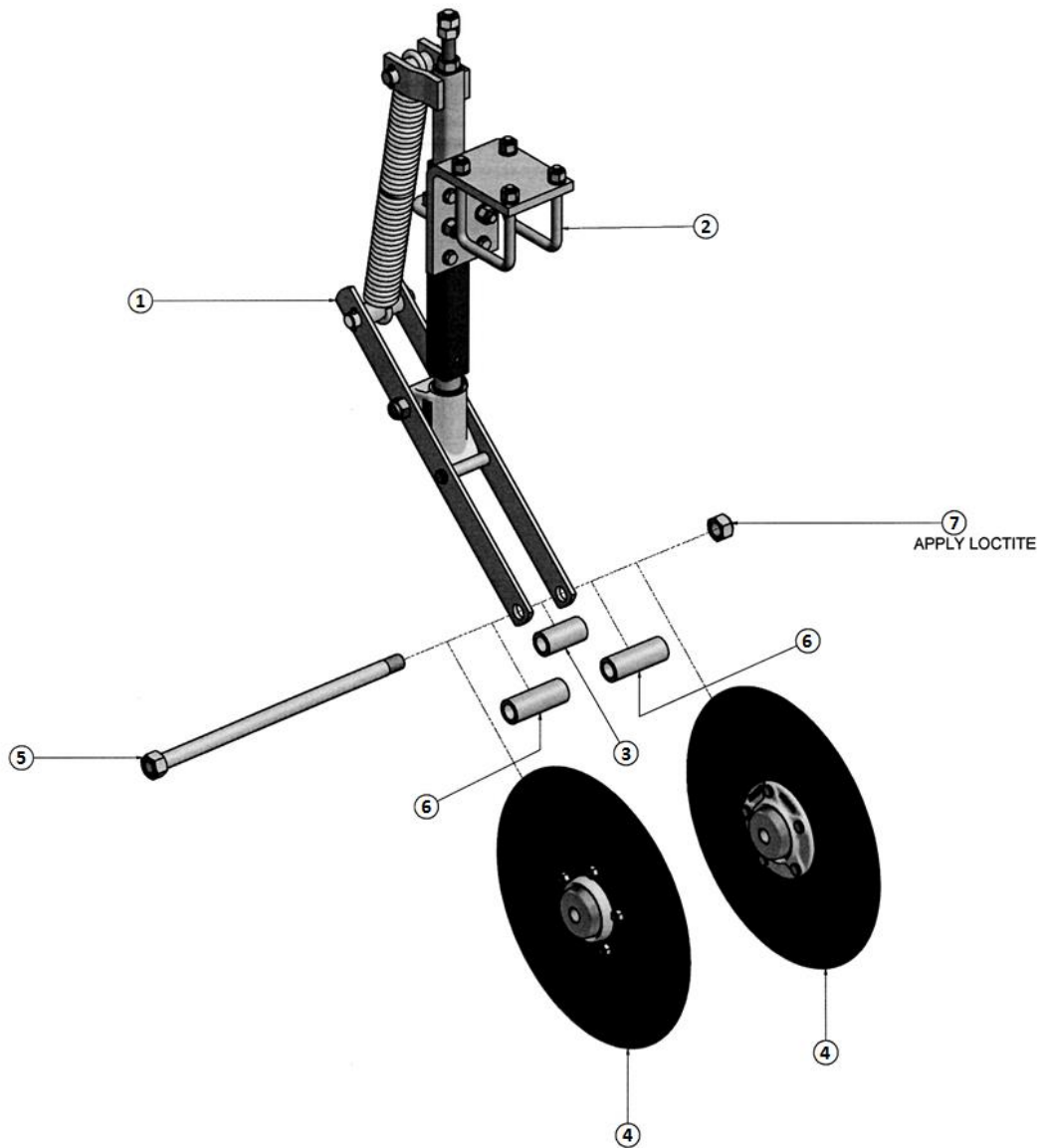
Item#	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	03108	Spacer L78
4	2	03681	Spacer L65
5	1	09523	Nut M24 ZP Conelock
6	1	03670	Axle Coulter Double 300 – 09<
7	2	03674	V3 Coulter Disc & Hub Assembly - Flat

3.4 Coulter Assembly - V2 - Double 300 - 330mm Bracket - Flat Disc



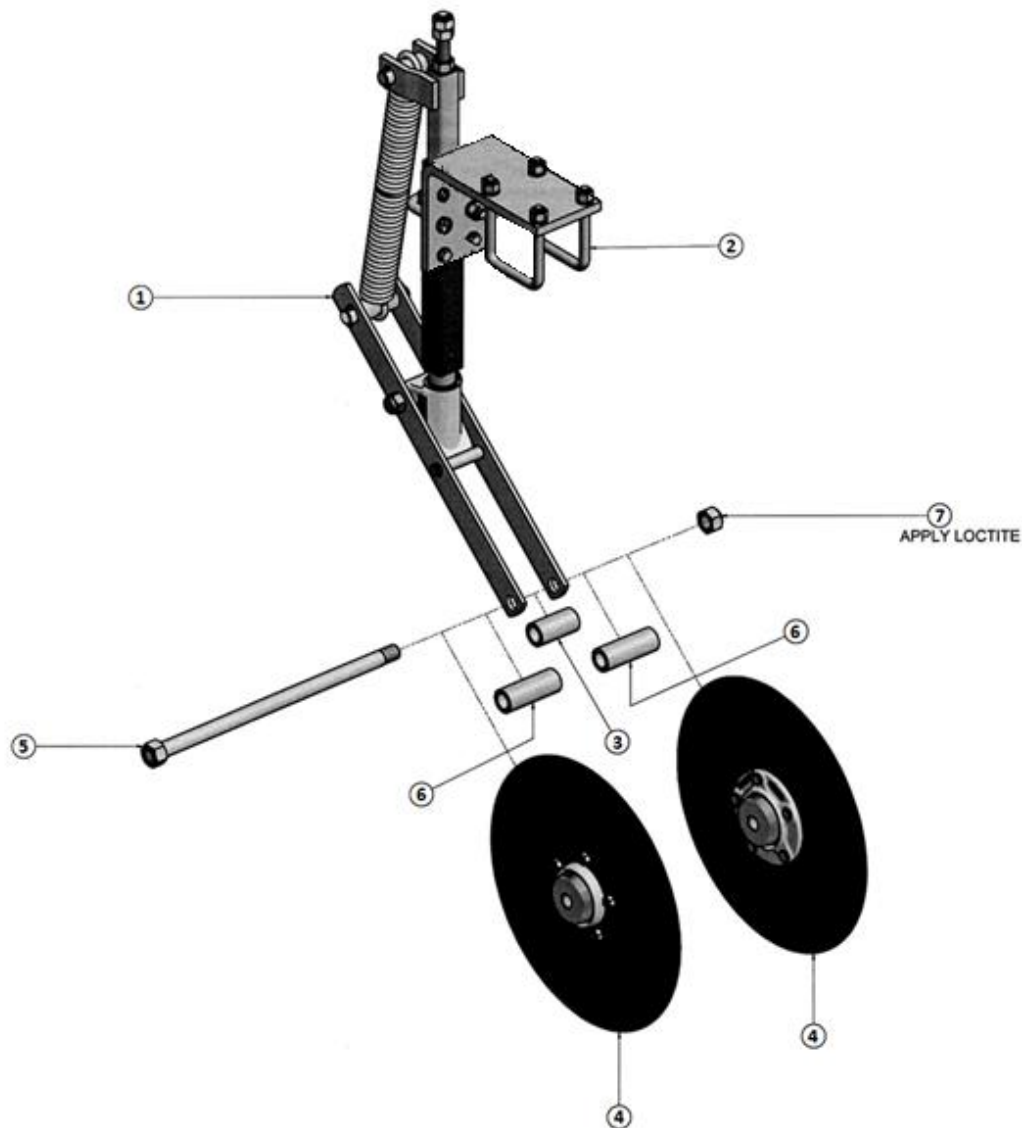
Item#	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03189	Coulter Mounting Kit - 330mm Plate
3	1	03108	Spacer L78
4	2	03681	Spacer L65
5	1	09523	Nut M24 ZP Conelock
6	1	03670	Axle Coulter Double 300 – 09<
7	2	03674	V3 Coulter Disc & Hub Assembly - Flat

3.5 Coulter Assembly - V2 - Double 381 - 180mm Bracket - Flat Disc



Item #	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03188	Coulter Mounting Kit – 180mm Clamp Plate
3	1	03108	Spacer L78
4	2	03674	V3 Coulter Disc & Hub Assembly - Flat
5	1	14543	Coulter Axle – Double – 381 – 11<
6	2	14545	Coulter Spacer – L105
7	1	09523	Nut M24 - Conelock

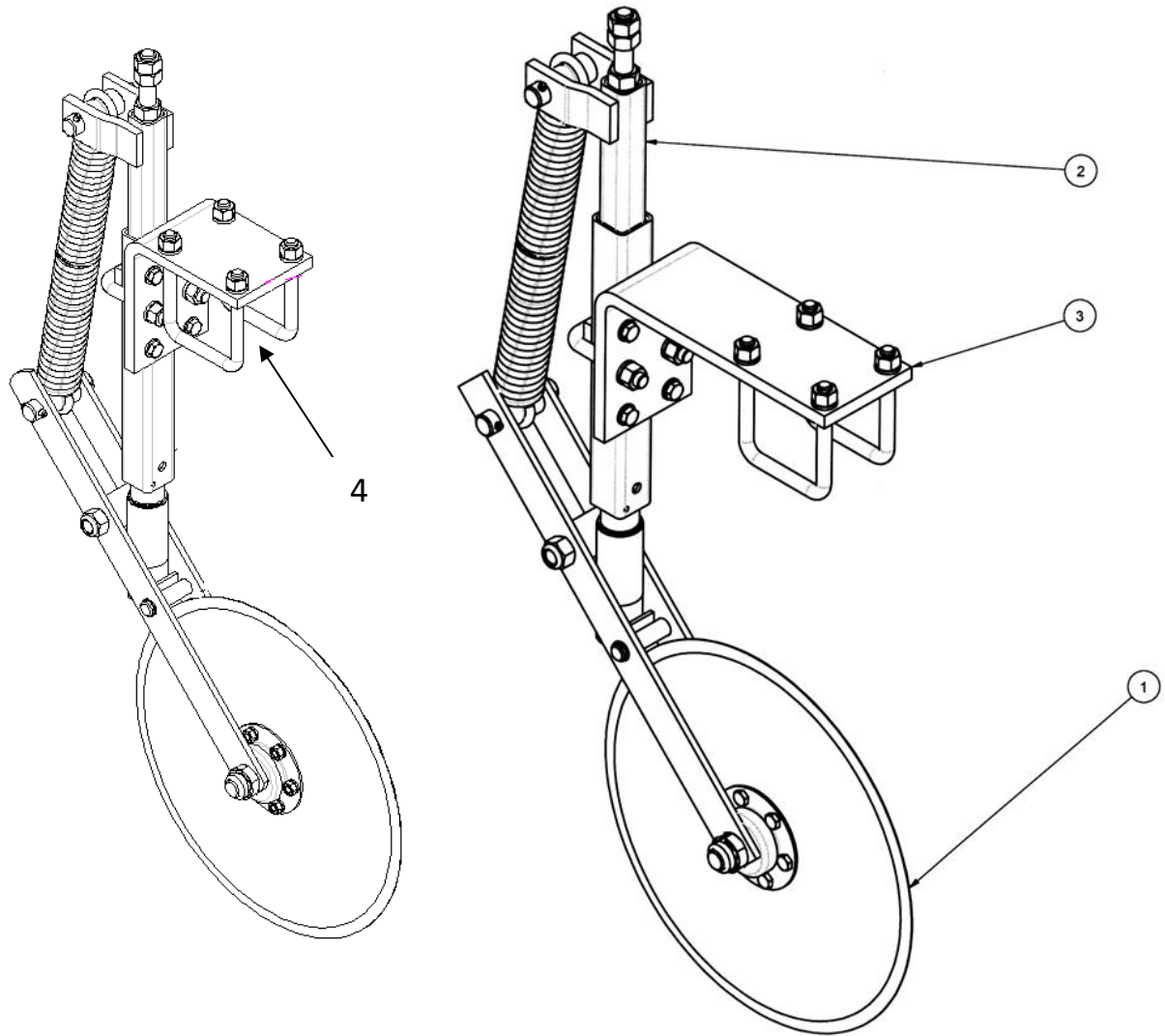
3.6 Coulter Assembly - V2 - Double 381 - 330mm Bracket - Flat Disc



Item#	Qty	Part#	Description
1	1	03663	Coulter Body & Arms Assembly - <09
2	1	03189	Coulter Mounting Kit - 330mm Plate
3	1	03108	Spacer L78
4	2	03674	V3 Coulter Disc & Hub Assembly - Flat
5	1	14543	Coulter Axle – Double – 381 – 11<
6	2	14545	Coulter Spacer – L105
7	1	09523	Nut M24 - Conelock

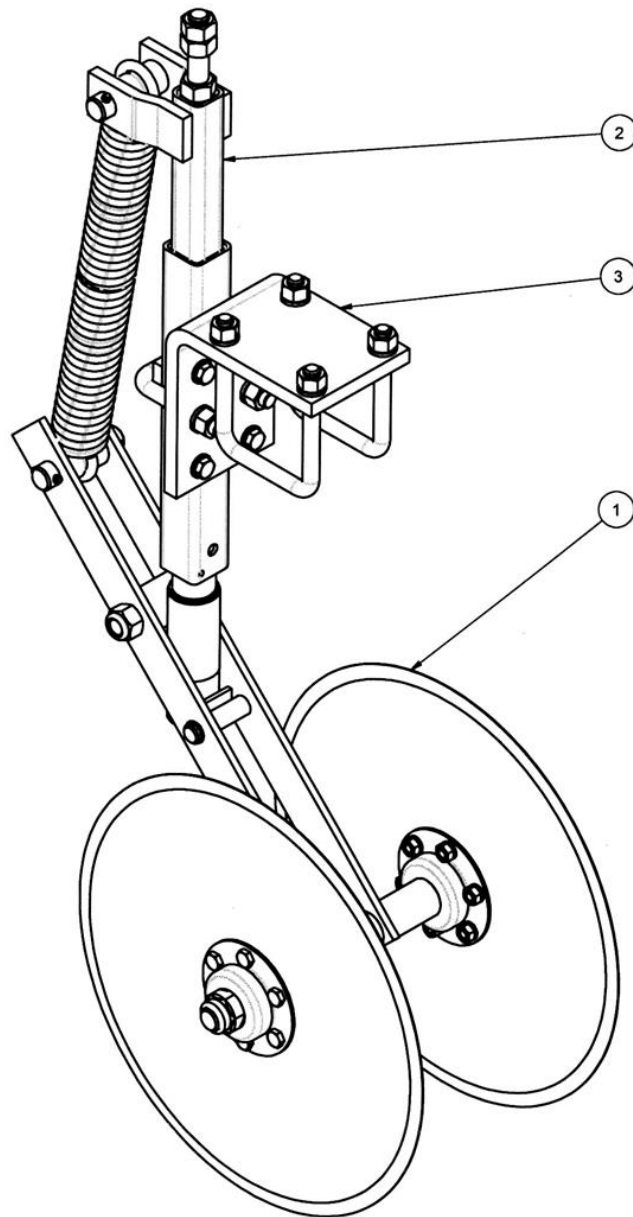
4.0 Coulter Assemblies - V1 (Pre 2009)

4.1 Coulter Assembly - V1 - Single - Flat Disc



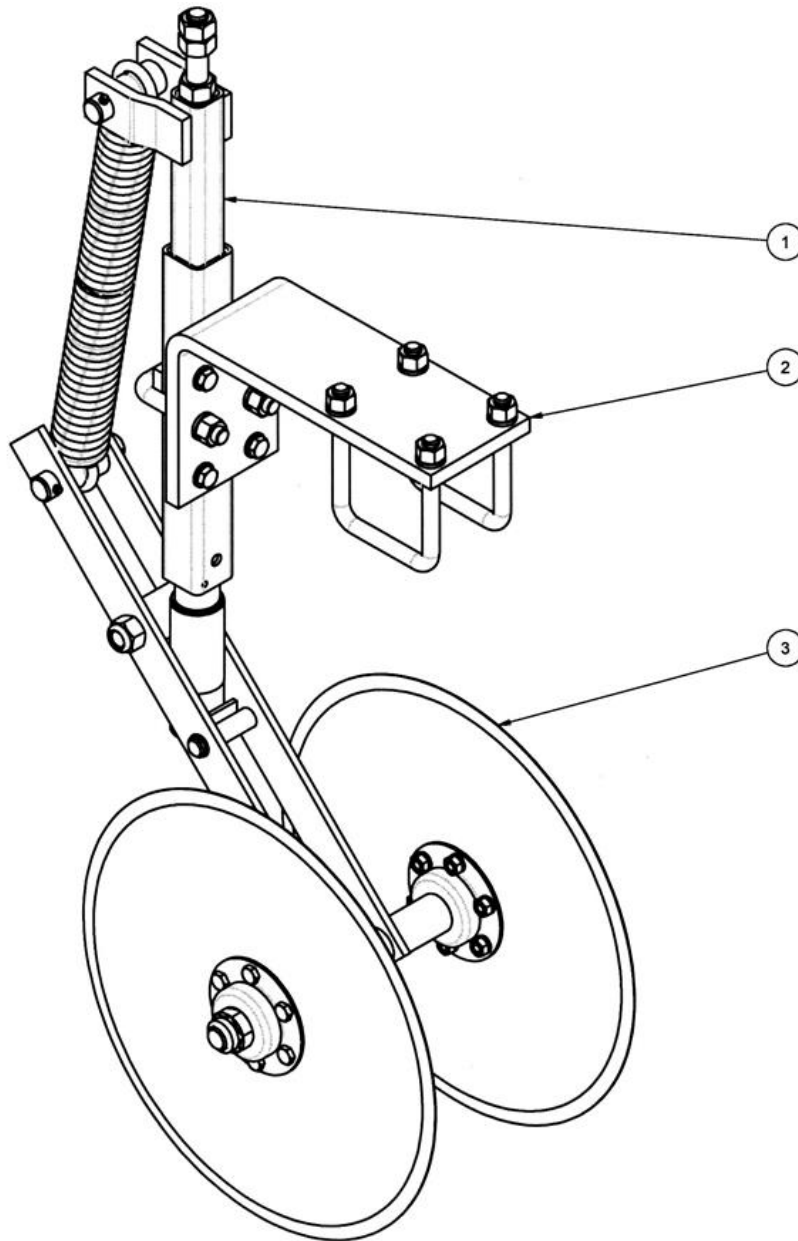
Item#	Qty	Part#	Description
1	1	03200	Axle & Disc Assembly – Single - Flat
2	1	03198	Coulter Body & Arms Assembly
3	1	03189	Coulter Mounting Kit – 330mm Clamp Plate
4	1	03188	Coulter Mounting Kit – 180mm Clamp Plate

4.2 Coulter Assembly - V1 - Double 260 - 180mm Bracket - Flat Disc



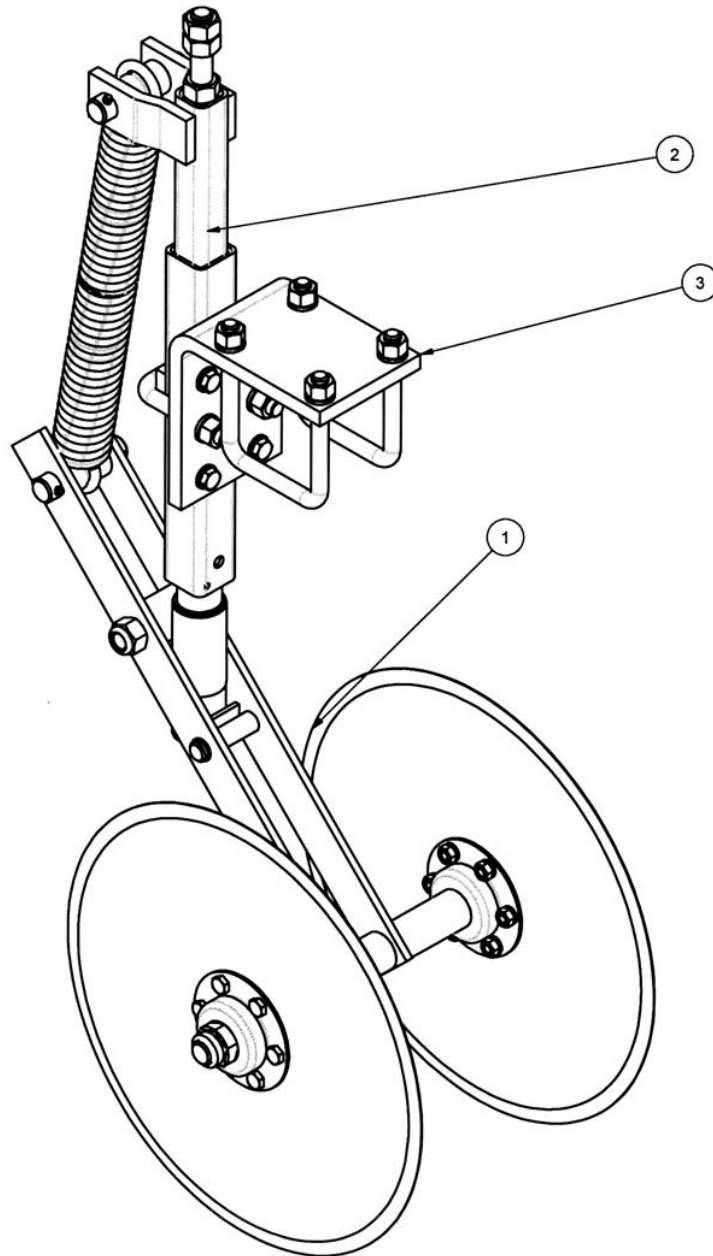
Item#	Qty	Part#	Description
1	2	03203	Axle & Disc Assembly – Double 260 - Flat
2	1	03198	Coulter Body & Arms Assembly
3	1	03188	Coulter Mounting Kit – 180mm Clamp Plate

4.3 Coulter Assembly - V1 - Double 260 - 330mm Bracket - Flat Disc



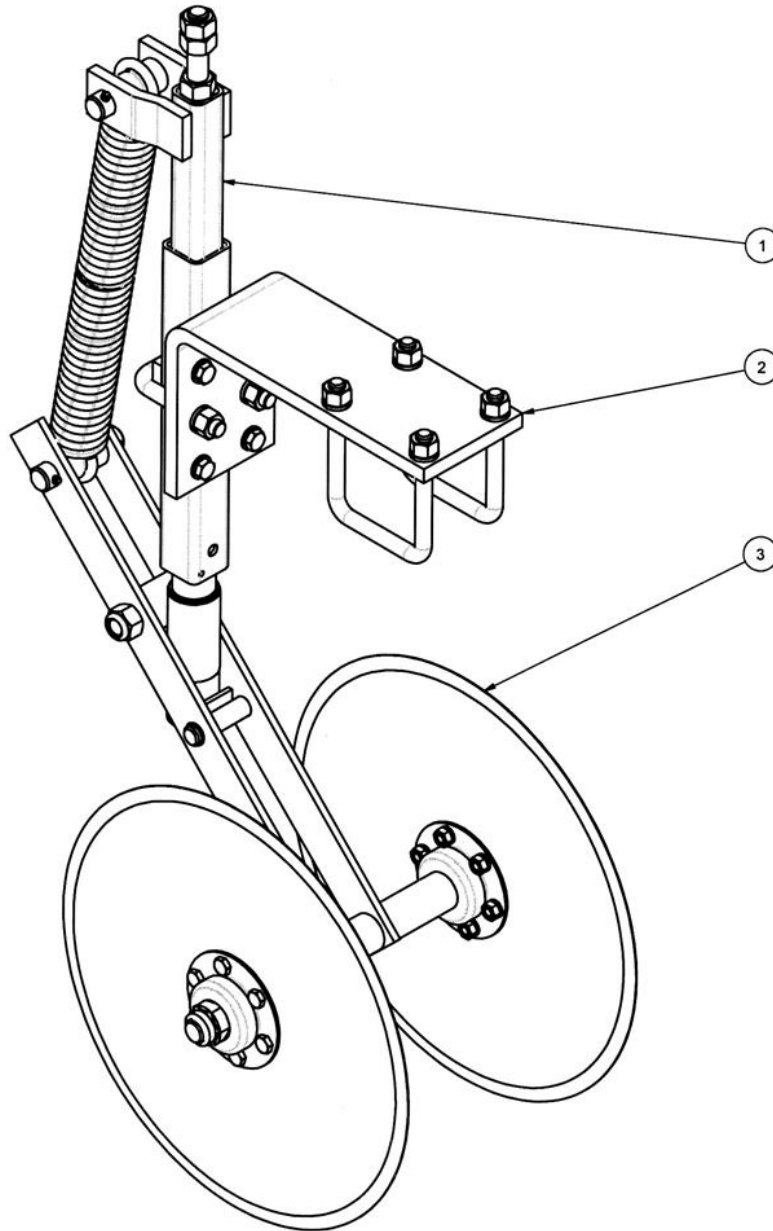
Item#	Qty	Part#	Description
1	1	03198	Coulter Body & Arms Assembly
2	1	03189	Coulter Mounting Kit – 330mm Clamp Plate
3	2	03203	Axle & Disc Assembly – Double 260 - Flat

4.4 Coulter Assembly - V1 - Double 300 - 180mm Bracket - Flat Disc



Item#	Qty	Part#	Description
1	2	03206	Axle & Disc Assembly – Double 300 - Flat
2	1	03198	Coulter Body & Arms Assembly
3	1	03188	Coulter Mounting Kit – 180mm Clamp Plate

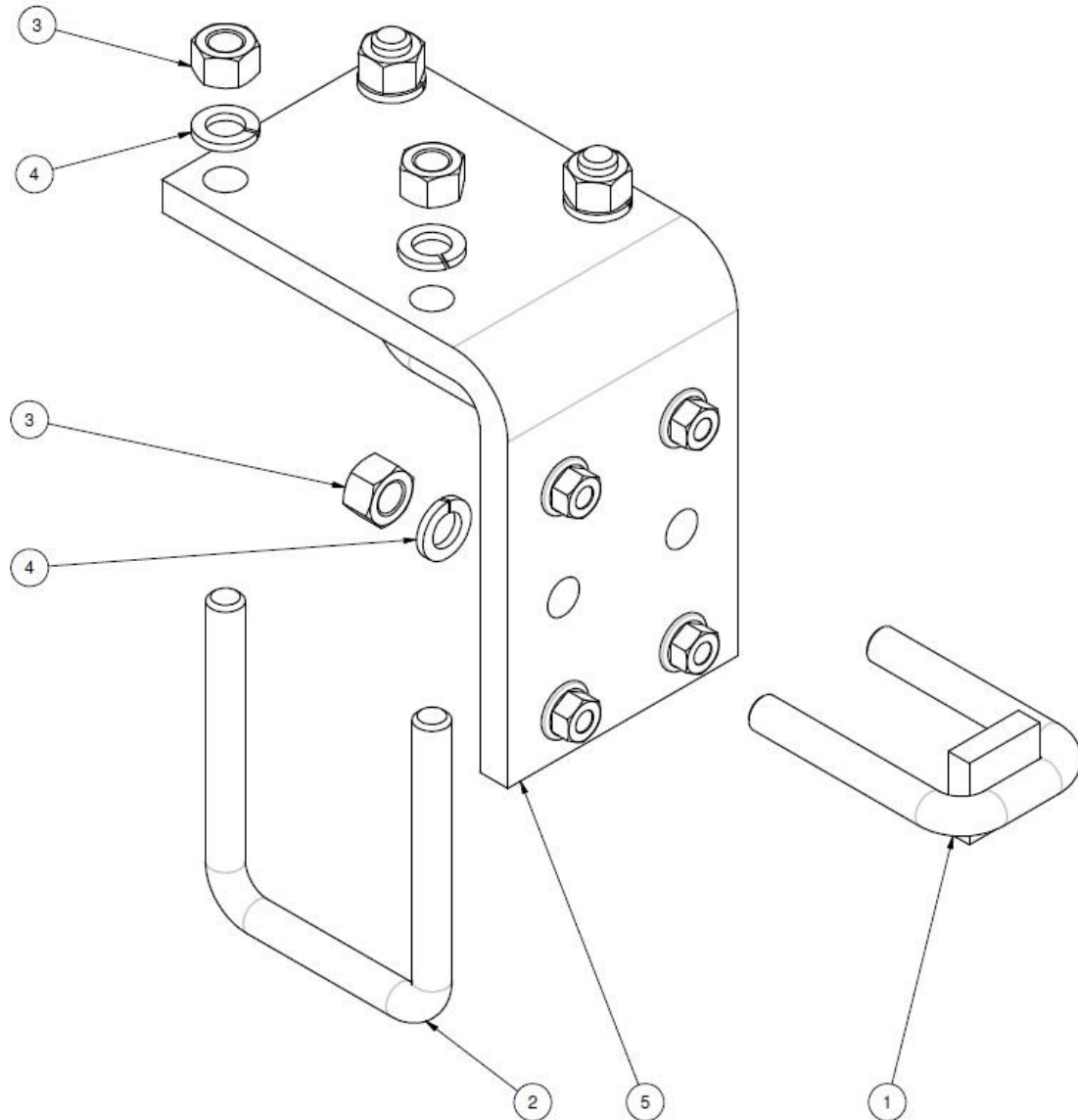
4.5 Coulter Assembly - V1 - Double 300 - 330mm Bracket - Flat Disc



Item#	Qty	Part#	Description
1	1	03198	Coulter Body & Arms Assembly
2	1	03189	Coulter Mounting Kit – 330mm Clamp Plate
3	2	03206	Axle & Disc Assembly – Double 300 - Flat

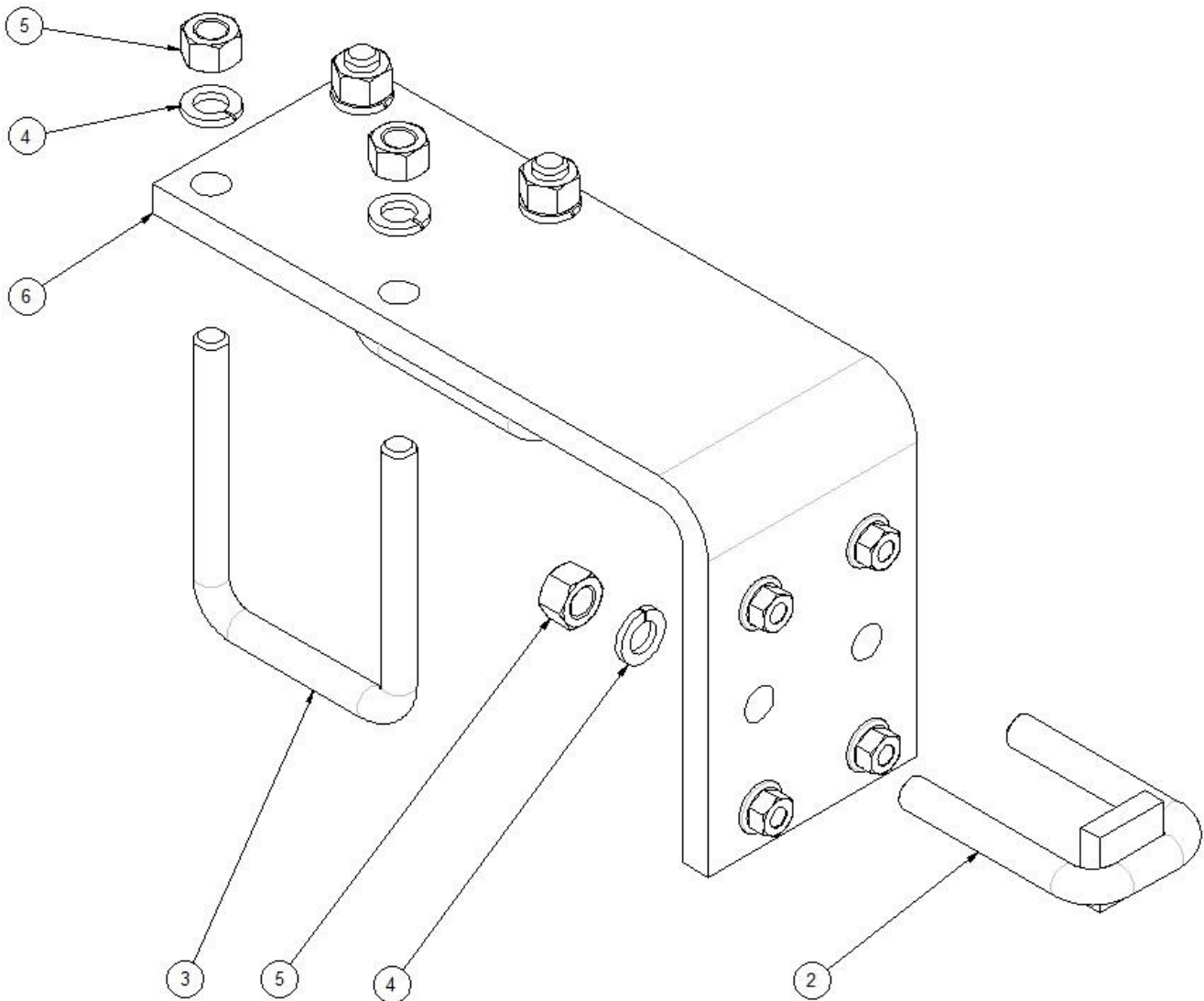
5.0 Coulter Mounting Kits

5.1 Coulter Mounting Kit – 180mm Bracket



Item#	Qty	Part#	Description
All	1	03188	Coulter Mounting Bracket Kit – 180mm Bracket
1,3,4	1	03070	U-Bolt Set – M16 x 51 x 105mm – with Block
2,3,4	2	03071	U-Bolt Set – M16 x 101 x 140mm
5	1	03215	Clamp Plate + Guide Bolts – 180mm

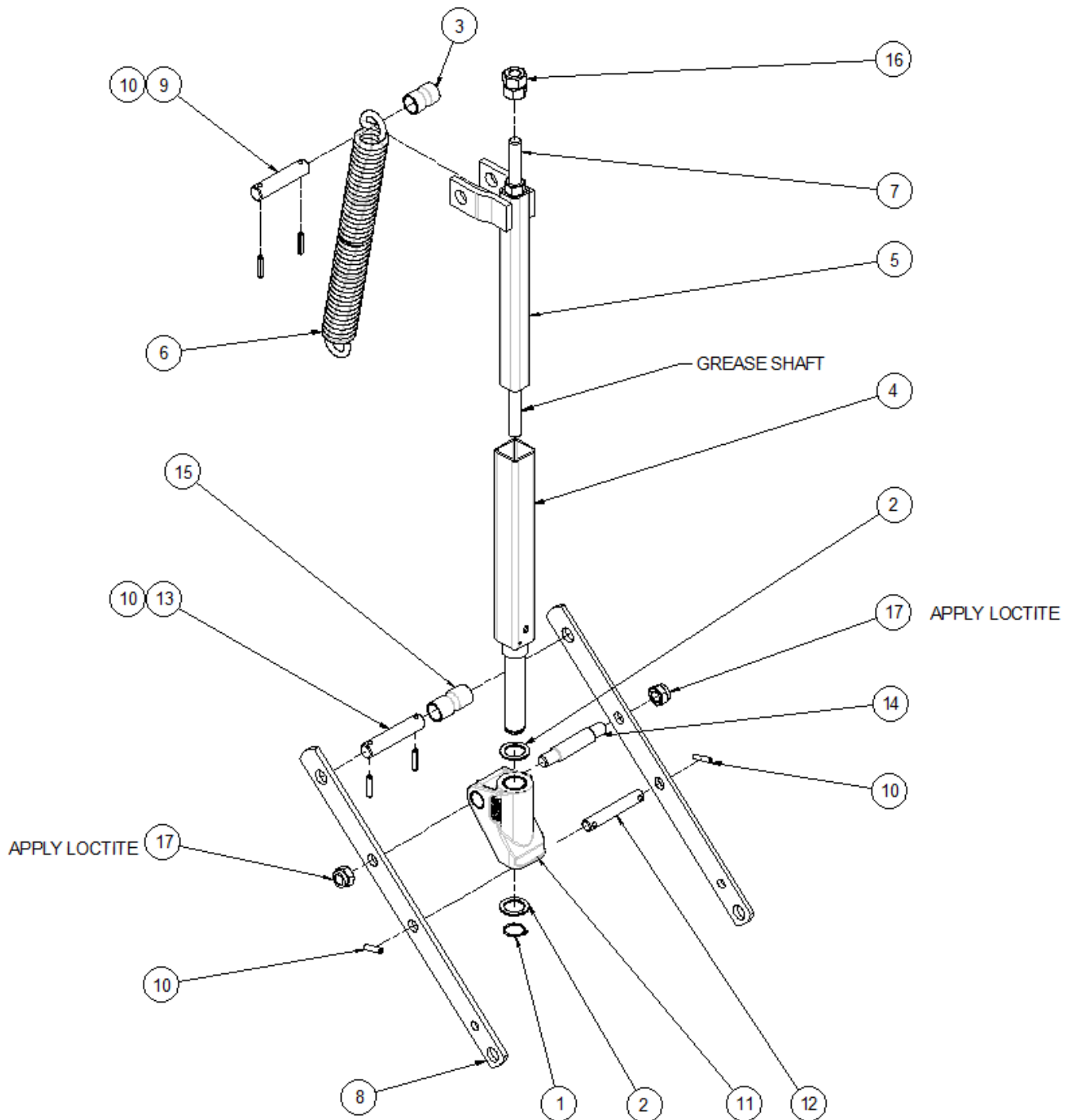
5.2 Coulter Mounting Kit – 330mmBracket



Item#	Qty	Part#	Description
All	1	03189	Coulter Mounting Bracket Kit – 330mm Bracket
2,4,5	1	03070	U-Bolt Set – M16 x 51 x 105mm – with Block
3,4,5	2	03071	U-Bolt Set – M16 x 101 x 140mm
6	1	03216	Clamp Plate + Guide Bolts – 330mm

6.0 Coulter Body

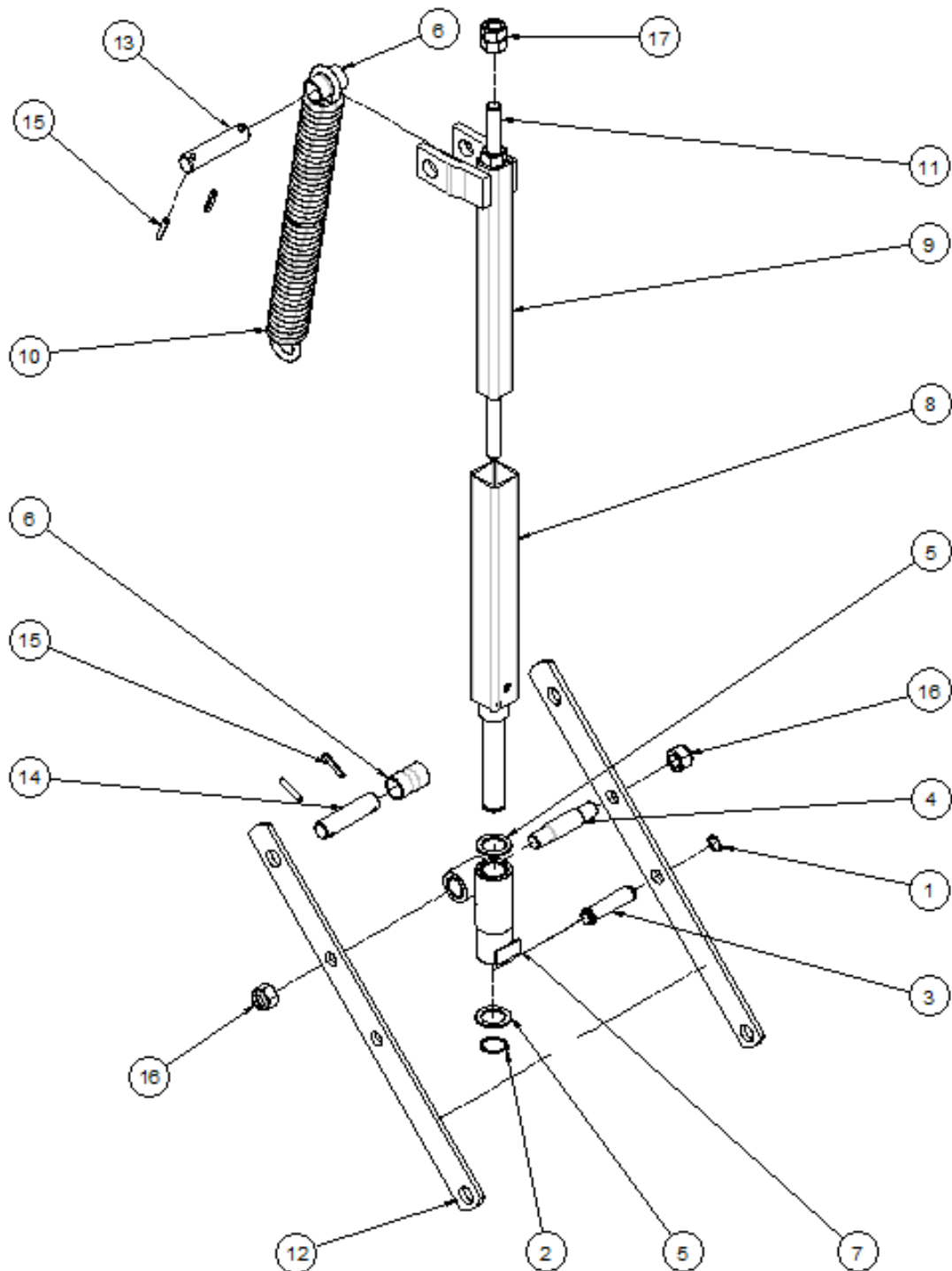
6.1 Coulter Body & Arm Assembly – 2009 Onwards



Coulter Body & Arm Assembly – 2009 Onwards

Item#	Qty	Part#	Description
All	1	03663	Coulter Body & Arms Assembly – 09 Onwards
1	1	03023	Circlip – External 32 x 1.5mm
2	2	03112	Washer – Coulter Thrust
3	1	03129	Coulter Spring Mount Sleeve
4	1	03143	Coulter Body - Outer Tube Assembly
5	1	03144	Coulter Body - Inner Tube Assembly
6	1	03153	Coulter Spring – Dia 10 x 440mm Long
7	1	03154	Adjustment Rod - Coulter
8	2	03161	Side Arm - Coulter
9	1	03165	Pin – Spring Top
10	6	03168	Roll Pin – 8 x 40mm
11	1	03664	Coulter Swivel Assembly - Bushed
12	1	03665	Pin – Coulter Arm Stop – 09<
13	1	03666	Pin – Coulter Spring Lower – 09<
14	1	03667	Pin – Coulter Arm Pivot – 09<
15	1	03668	Sleeve – Coulter Mount – 09<
16	2	09041	Nut M20 ZP
17	2	09002	Nut M20 ZP - Conelock

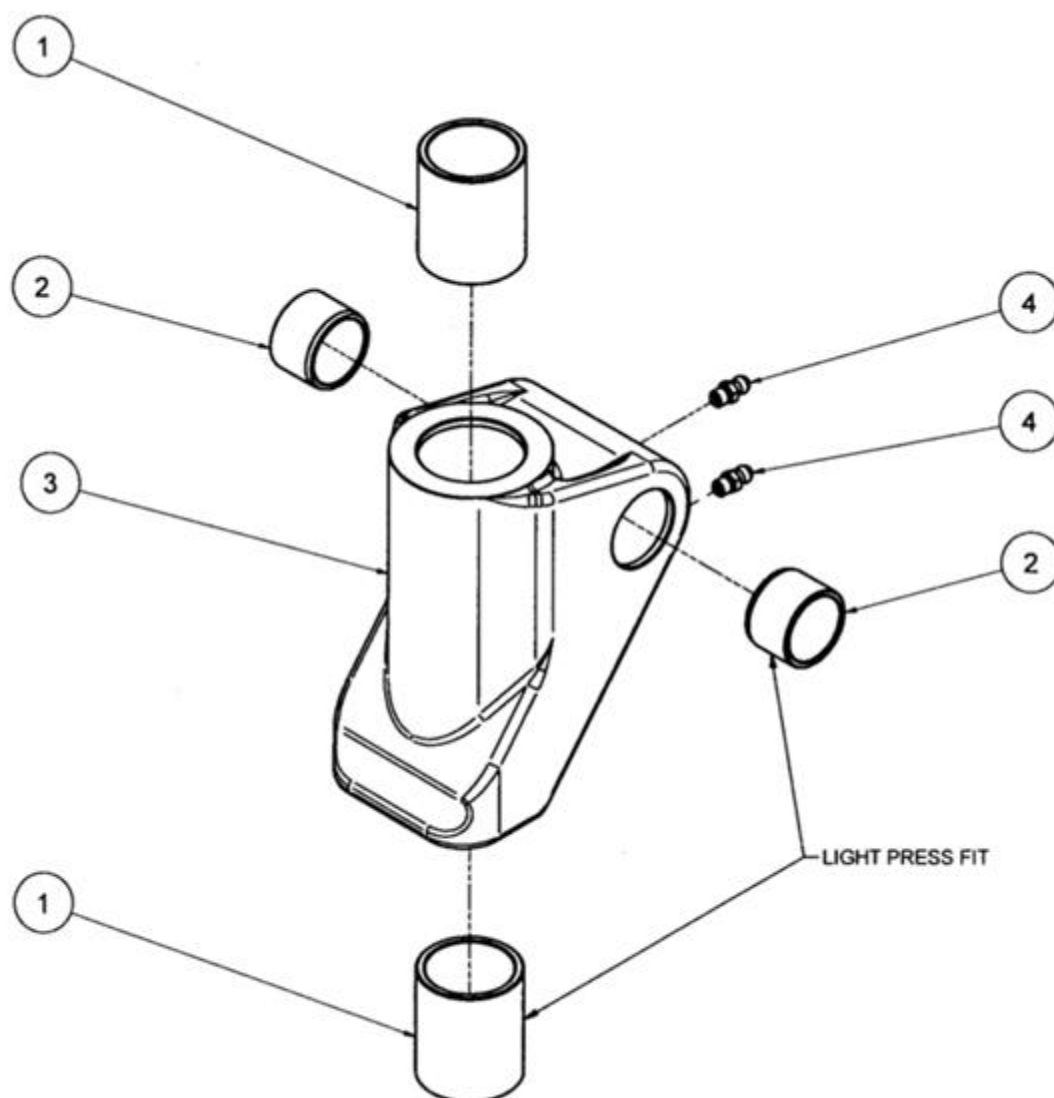
6.2 Coulter Body & Arm Assembly - V1 (1995 to 2008)



Coulter Body & Arm Assembly - V1 (1995 to 2008)

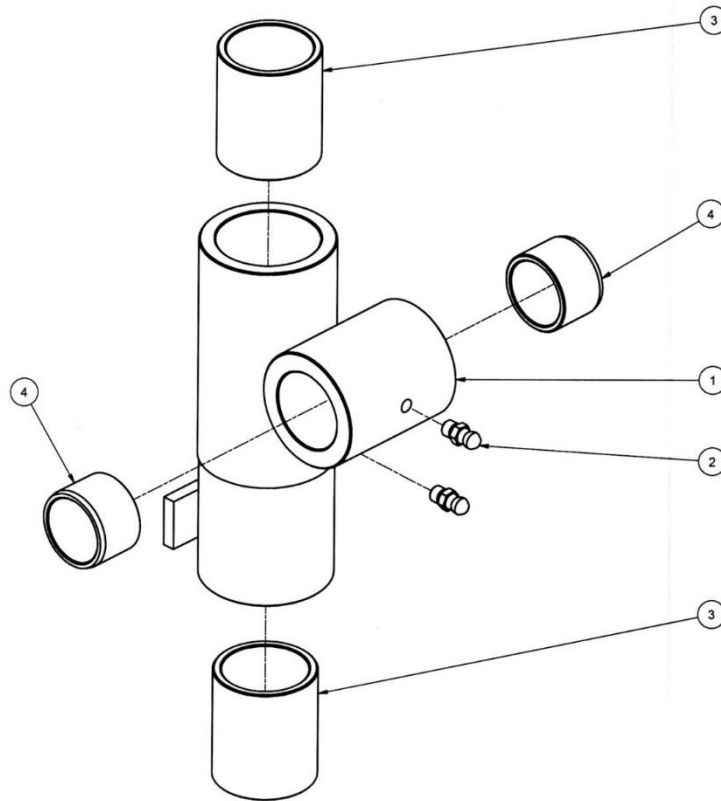
Item#	Qty	Part#	Description
All	1	03198	Coulter Body & Arms Assembly - <2008
1	2	03022	Circlip External - 20 x 1.2mm
2	1	03023	Circlip External - 32 x 1.5mm
3	1	03106	Pin - Coulter Control Block
4	1	03109	Pin Coulter Pivot
5	2	03112	Washer - Coulter Thrust
6	1	03129	Coulter - Spring Mount Sleeve
7	1	03142	Coulter T Bushed Complete
8	1	03143	Coulter Body - Outer Tube Assembly
9	1	03144	Coulter Body - Inner Tube Assembly
10	1	03153	Spring – Dia 10 x 440mm LG
11	1	03154	Adjustment Rod - Coulter
12	2	03161	Side Arm - Coulter
13	1	03165	Pin Spring Top
14	1	03166	Pin Spring Lower
15	4	03168	Roll Pin Dia 8 x 40mm
16	2	09002	Nut M20 ZP – Conelock
17	2	09041	Nut M20 C8 ZP

6.3 Coulter Swivel Assembly - 2009 Onwards



Item#	Qty	Part#	Description
All	1	03664	Coulter Swivel Assembly - Bushed
1	2	03019	Bush – 32 x 38 x 45mm
2	2	06015	Bush – 25 x 30 x 20mm Sintered
3	1	12027	Coulter Pivot Knuckle
4	2	09001	Grease Nipple ¼ " BSW

6.4 Coulter Swivel T Assembly - V1 (1995 to 2008)



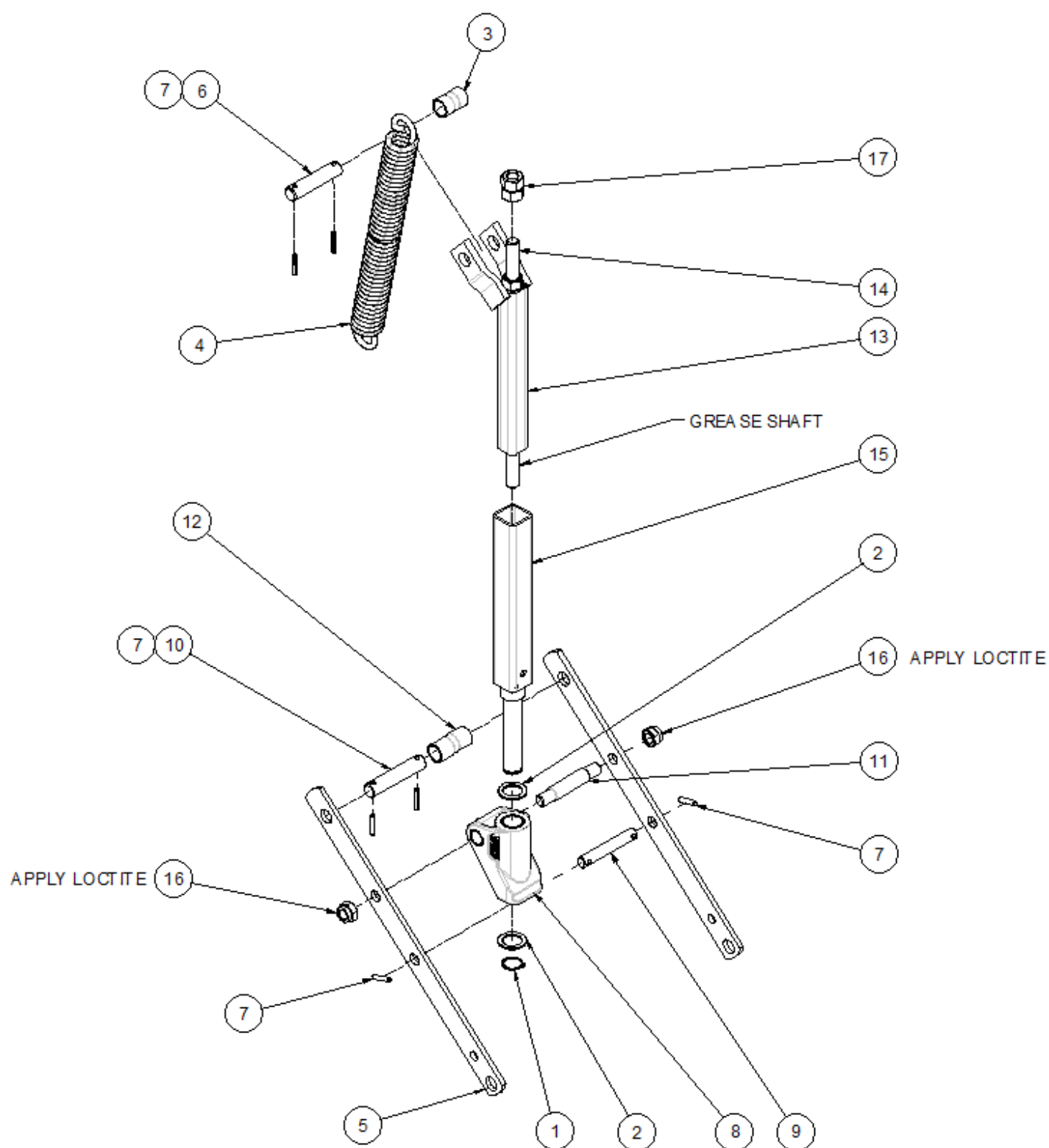
Item#	Qty	Part#	Description
All	NLA	03142	Coulter Swivel T Bushed Complete
1	NLA	03196	Swivel Bracket Assembly
2	2	09001	Grease Nipple ¼" BSW
3	2	03019	Bush – 32 x 38 x 45mm
4	2	06015	Bush – 25 x 30 x 20mm

03685 Coulter Pin Upgrade Kit V1 to V3 – NLA

To upgrade to the current 03664 Swivel Assy order for each coulter:

Qty	Part#	Description
4	03168	Roll Pin 8 Dia x 40mm LG
1	03665	Coulter Stop Pin
1	03666	Coulter Pin – Spring Lower
1	03667	Coulter Pivot Pin
1	03668	Coulter Sleeve Spring Mount
1	03664	Coulter Swivel Assy
2	09002	Nut M20 ZP Conelock

6.5 Coulter Body & Arm Assembly – W Series Only

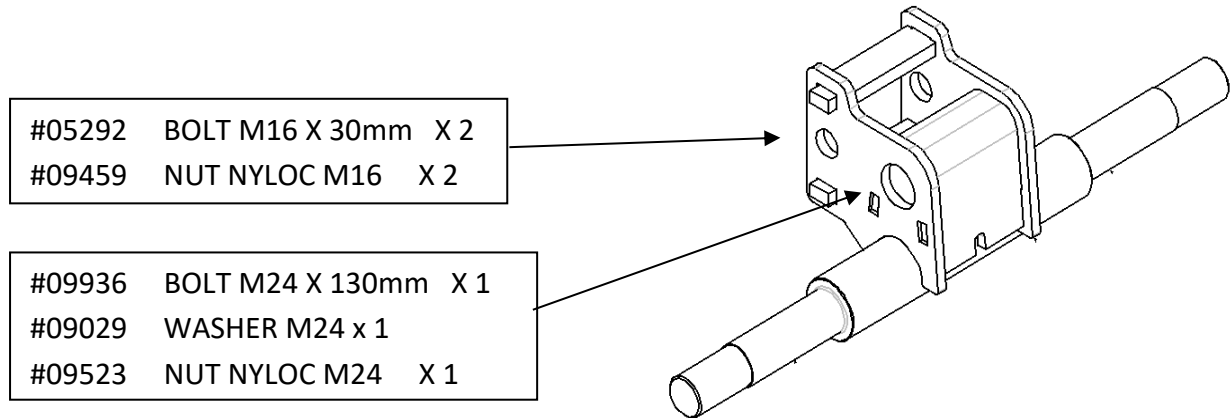


Coulter Body & Arm Assembly – W305-60 Series Only

Item#	Qty	Part#	Description
All	1	03794	Coulter Pro.Body / Arms Assembly
1	1	03023	Circlip – External 32 x 1.5mm
2	2	03112	Washer – Coulter Thrust
3	1	03129	Coulter Spring Mount Sleeve
4	1	03153	Coulter Spring – Dia 10 x 440mm Long
5	2	03161	Side Arm - Coulter
6	1	03165	Pin – Spring Top
7	6	03168	Roll Pin – 8 x 40mm
8	1	03664	Coulter Swivel Assembly - Bushed
9	1	03665	Pin – Coulter Arm Stop – 09<
10	1	03666	Pin – Coulter Spring Lower – 09<
11	1	03667	Pin – Coulter Arm Pivot – 09<
12	1	03668	Sleeve – Coulter Mount – 09<
13	1	03795	Coulter Low Profile Inner Tube Assy
14	1	03696	Coulter Low Profile Adjustment Rod
15	1	03799	Coulter Low Profile Outer Tube Assy
16	2	09002	Nut M20 ZP - Conelock
17	2	09041	Nut M20 ZP

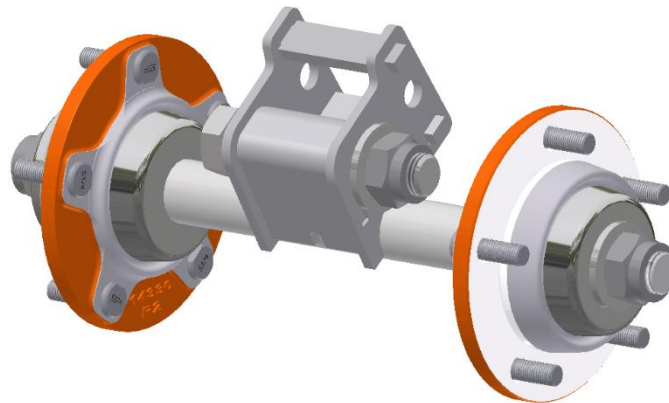
7.0 Coulter Hub & Axle Assembly

7.1 Coulter Axle Assembly – V3

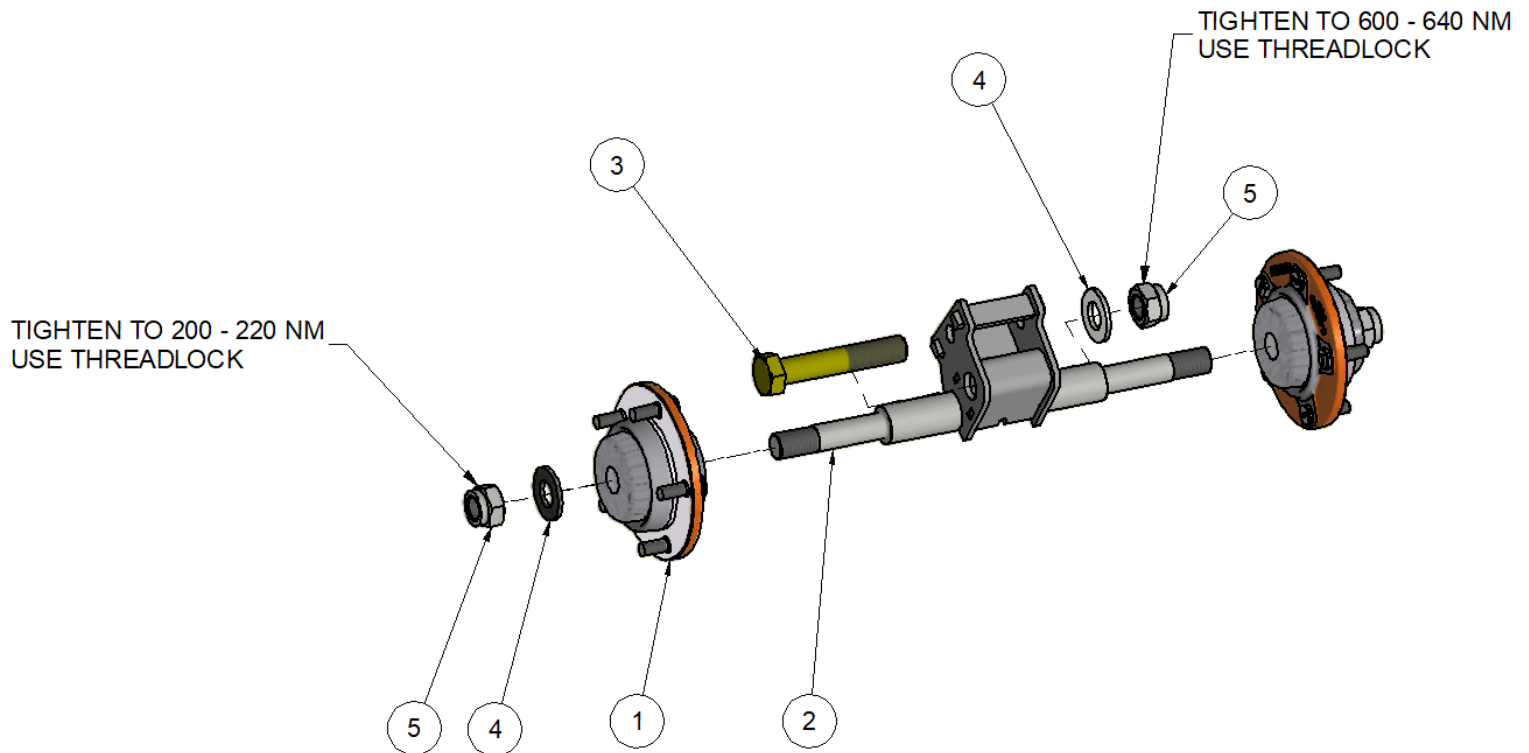


Description	Part#
Coulter Axle Assembly – V3 – 260mm Double (405mm LG)	27901
Coulter Axle Assembly – V3 – 300mm Double (445mm LG)	27904
Coulter Axle Assembly – V3 – 381mm Double (526mm LG)	27907

7.2 Coulter Hub & Axle Assembly – V3

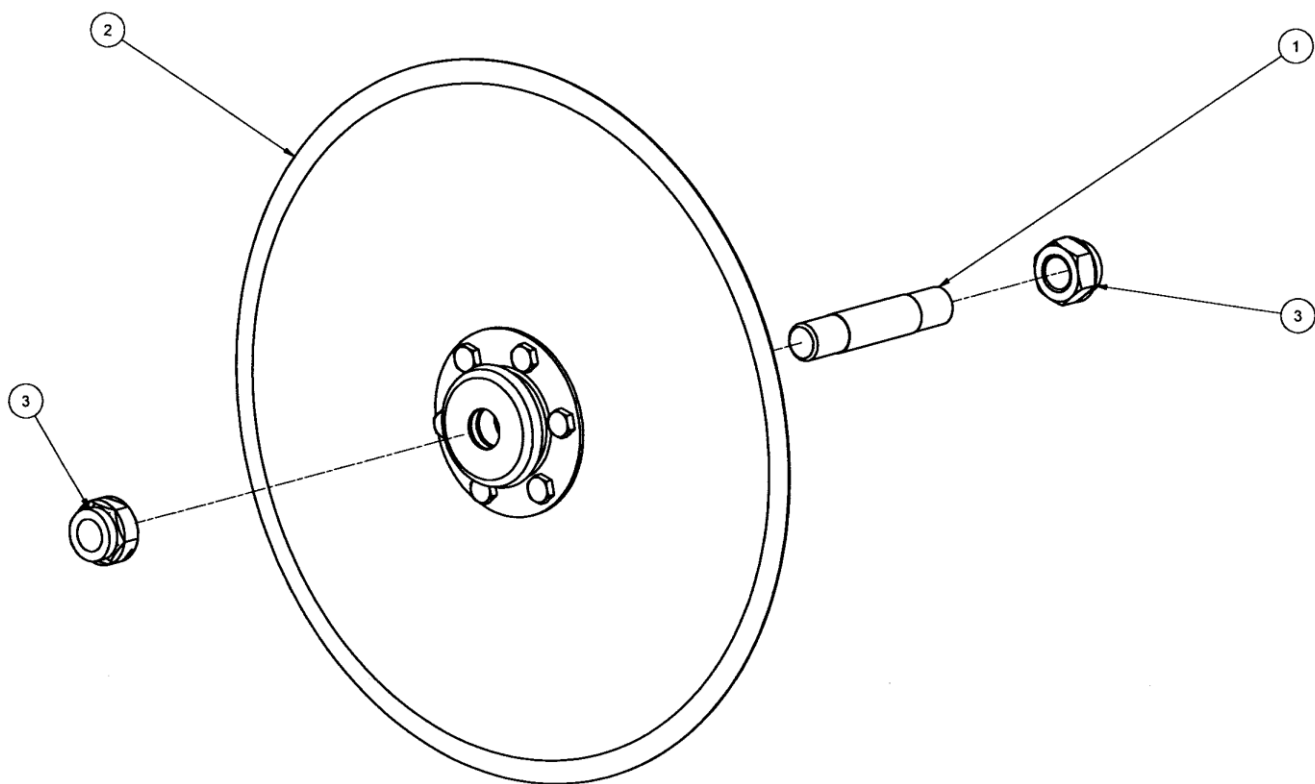


Description	Part#
Coulter Hub & Axle Assembly – V3 – 260mm Double	27902
Coulter Hub & Axle Assembly – V3 – 300mm Double	27905
Coulter Hub & Axle Assembly – V3 – 381mm Double	27908



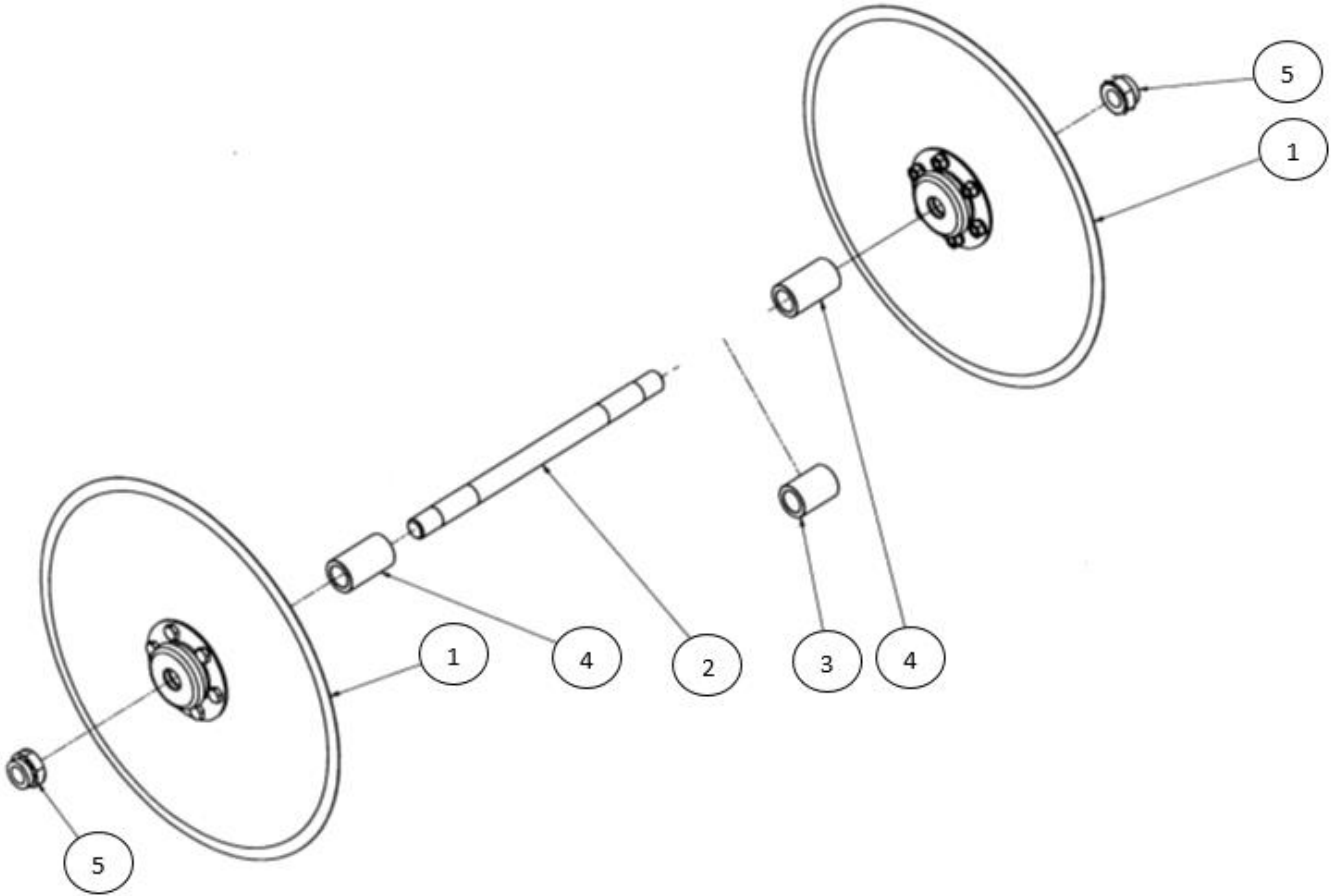
Item#	Qty	Part#	Description
1	2	27893	Coulter Hub Assembly V3
2	1		Coulter Axle Assembly (see previous page)
3	1	09936	Bolt M24 x 130mm LG
4	3	09029	Washer Flat M24
5	3	09523	Nut M24 - Conelock

7.3 Coulter Axle & Disc Assembly – V1 - Single – Flat Disc



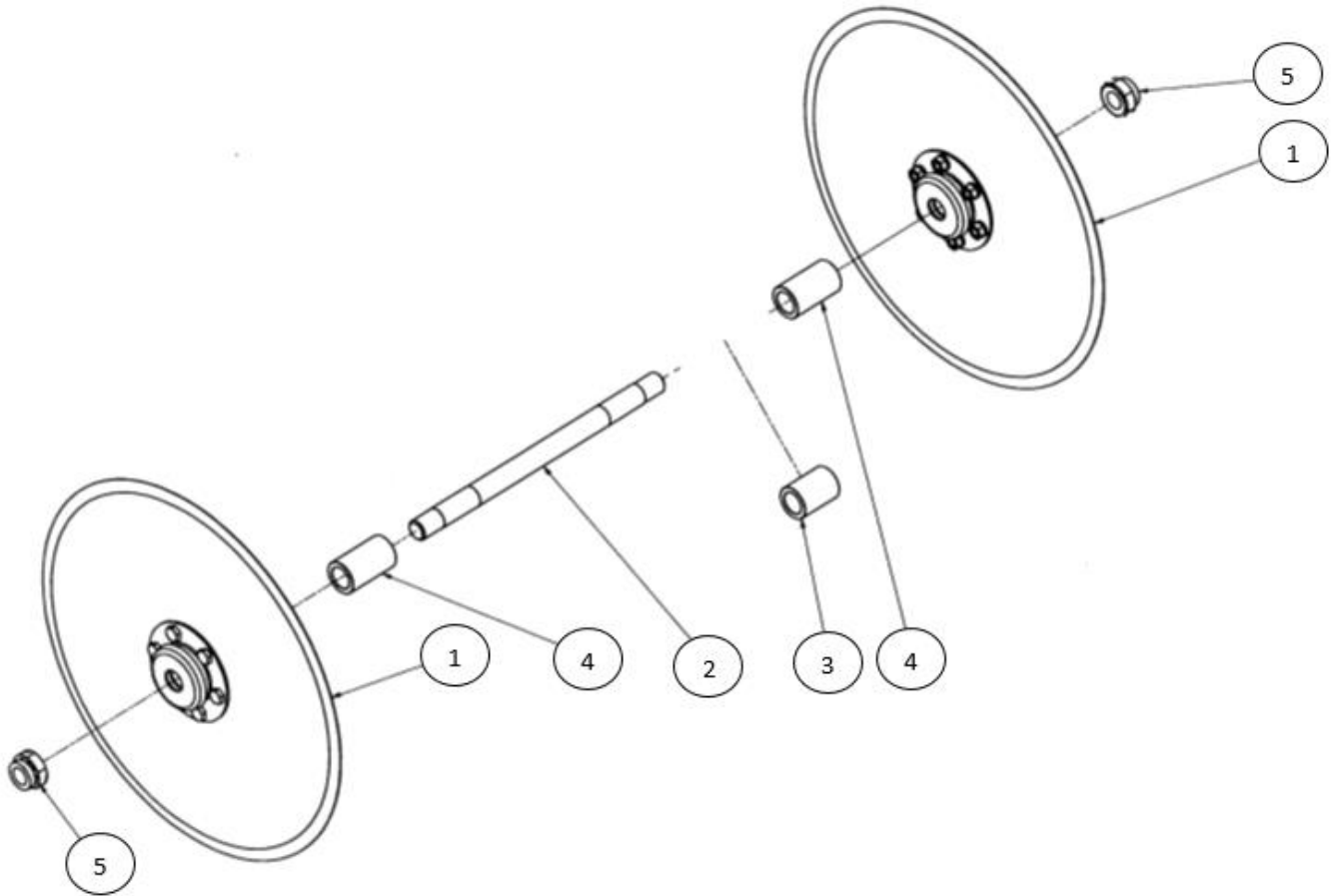
Item#	Qty	Part#	Description
All	1	03200	Coulter Axle & Disc Assembly V1 - Single Flat
1	1	03110	Axle Single - 132mm
2	1	03192	Coulter Disc & Bearing Assembly - 18" Flat - 6 Stud
3	2	09030	Nut M 24 ZP - Nylock
NS	1	03201	Coulter Axle & Disc Assembly V1 - Ripple

7.4 Coulter Axle & Disc Assembly - V1 - Double 260 – Flat Disc



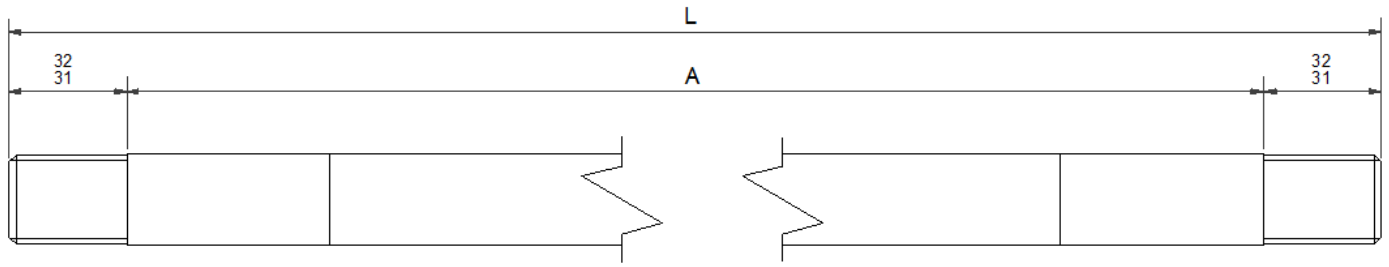
Item#	Qty	Part#	Description
All	1	03203	Coulter Axle & Disc Assembly V1 - Double 260 - Flat
1	2	03192	Coulter Disc & Bearing Assembly - 18" Flat - 6 Bolt
2	1	03101	Axle – 10" Double
3	1	03111	Spacer L54
4	2	03159	Spacer L68
5	2	09030	Nut M 24 ZP - Nylock

7.5 Coulter Axle & Disc Assembly –V1 - Double 300 – Flat Disc

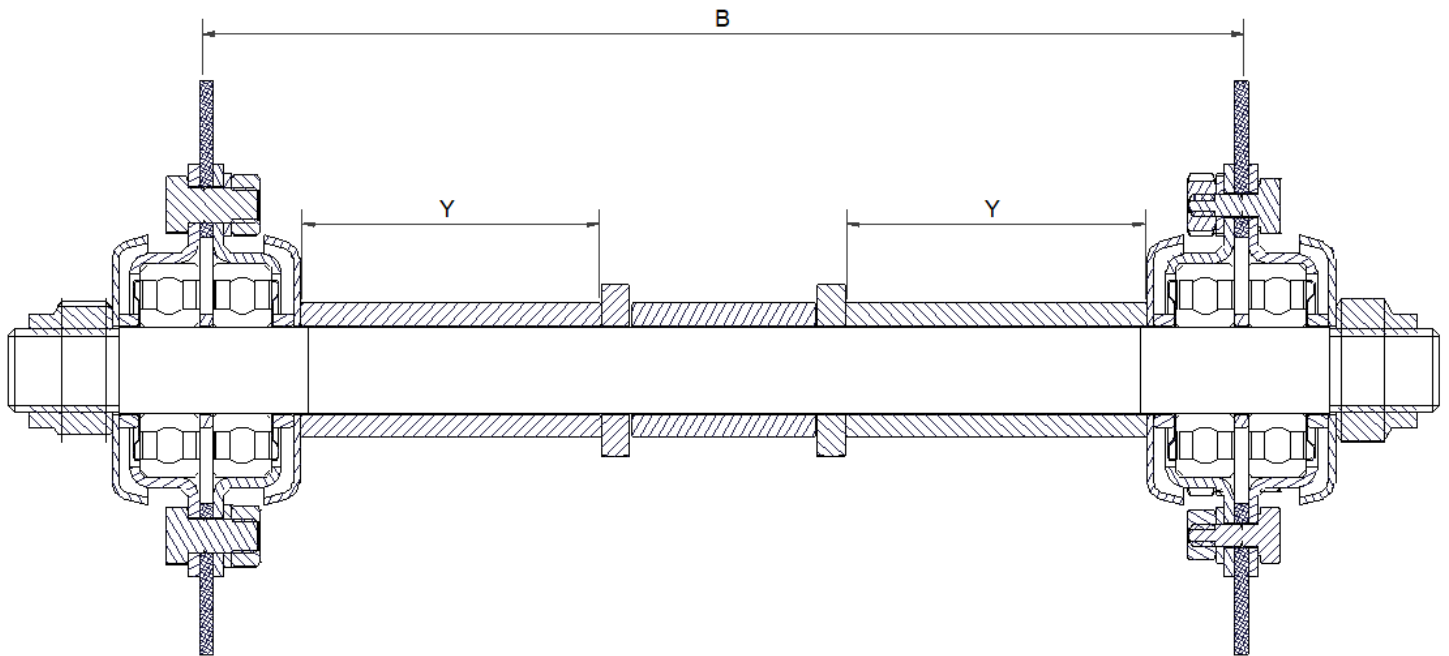


Item#	Qty	Part#	Description
All	1	03206	Axle & Disc Assembly V1 - Double 300 - Flat
1	2	03192	Coulter Disc & Bearing Assembly - 18" Flat - 6 Stud
2	1	03145	Coulter Axle – 12" Double
3	1	03111	Spacer L54
4	2	03160	Spacer L88
5	2	09030	Nut M 24 ZP - Nylock

7.6 Coulter Axle & Spacer Summary - V1

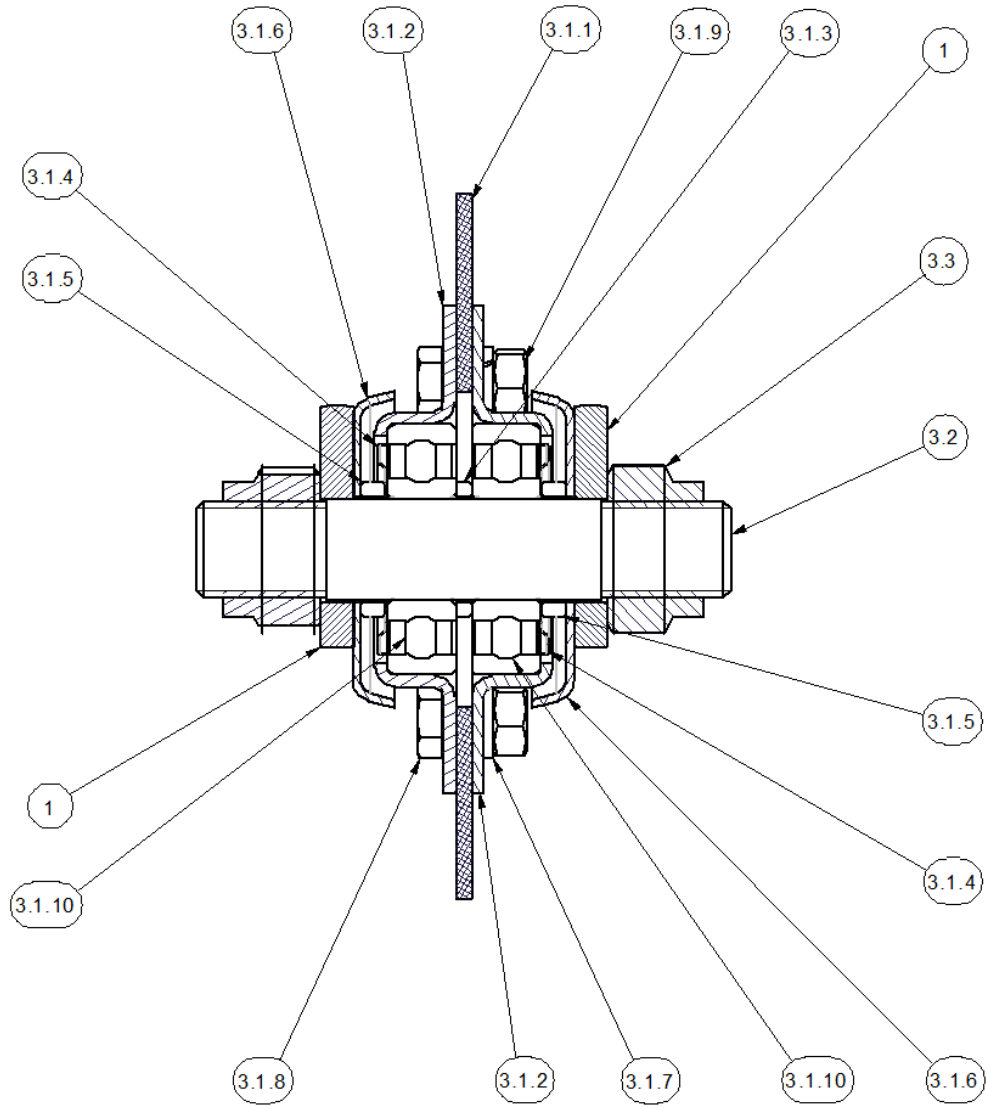


DOUBLE COULTER



AXLE PART NO	AXLE				SPACER		
	DESCRIPTION	SPACING B	DIM A	DIM L	MIDDLE SPACER	END SPACER	LENGTH Y
3110	SINGLE AXLE	-	69	132	-	-	-
3088	165mm (6.5") DOUBLE	165	217	280	3111	3089	20.5
3116	180mm (7") DOUBLE	180	232	295	3111	3157	27.5
3146	204mm (8") DOUBLE	204	256	319	3111	3148	39.5
3170	216mm (8.5") DOUBLE	216	268	331	3111	3156	45.5
3155	232mm (9") DOUBLE	232	284	347	3111	3111	53.5
3101	260mm (10") DOUBLE	260	312	375	3111	3159	67.5
3107	280mm (11") DOUBLE	280	332	395	3111	3108	77.5
3145	300mm (12") DOUBLE	300	352	415	3111	3160	87.5
3171	318mm (12.5") DOUBLE	318	370	433	3111	3158	96.5

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Item	Qty	Drawing No	Description	Part No
1	1	CA-01-3198	COULTER BODY & ARMS	3198
2	1	CA-02-3188	MOUNTING KIT - 180mm CLAMP PLATE	3188
3	1	CA-03-3200	AXLE & DISC ASSY - SINGLE - FLAT	3200
3.1	1	CA-03-3192	DISC & BRG ASSY - 18" - FLAT	3192
3.1.1	1	CA-03-3002	DISC 18" - FLAT	3002
3.1.2	2	CA-03-3005	BEARING HOUSING	3005
3.1.3	1	CA-03-3113	SPACER - DISC - 4mm	3113
3.1.4	2	CA-03-3169	NILOS RING 63 05	3169
3.1.5	2	CA-03-3141	SPACER - DUST COVER - 6mm	3141
3.1.6	2	CA-03-3006	DUST COVER	3006
3.1.7	6	GP-04-9130	WASHER SPRING - M10	9130
3.1.8	6	GP-01-9128	HEX HEAD BOLT-M10x20 - C8.8 - ZP	9128
3.1.9	6	GP-02-9131	NUT - M10 - ZP	9131
3.1.10	2	CA-03-3007	BALL BEARING 6305-2SR	3007
3.2	1	CA-03-3110	AXLE - 132mm	3110
3.3	2	GP-02-9030	NUT-M24 - ZP - NYLOCK	9030

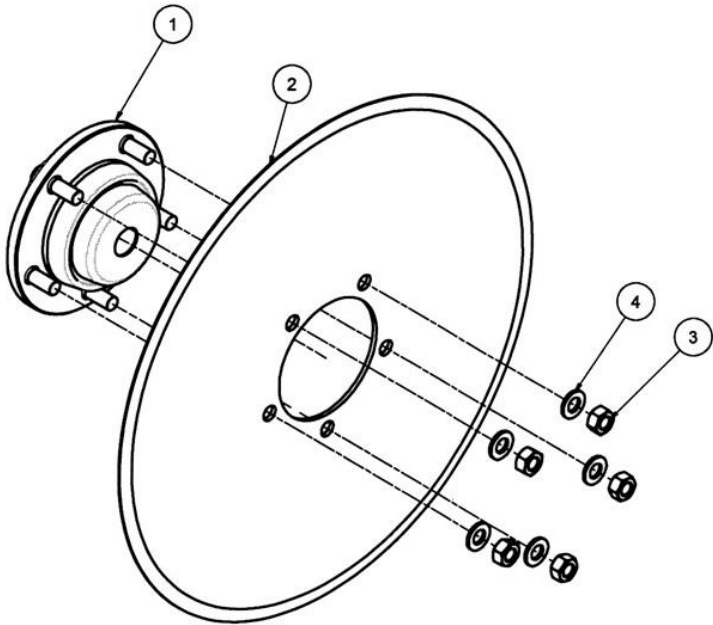


8.0 Coulter Disc & Hub Assembly

8.1 Coulter Disc & Hub Assembly – V3



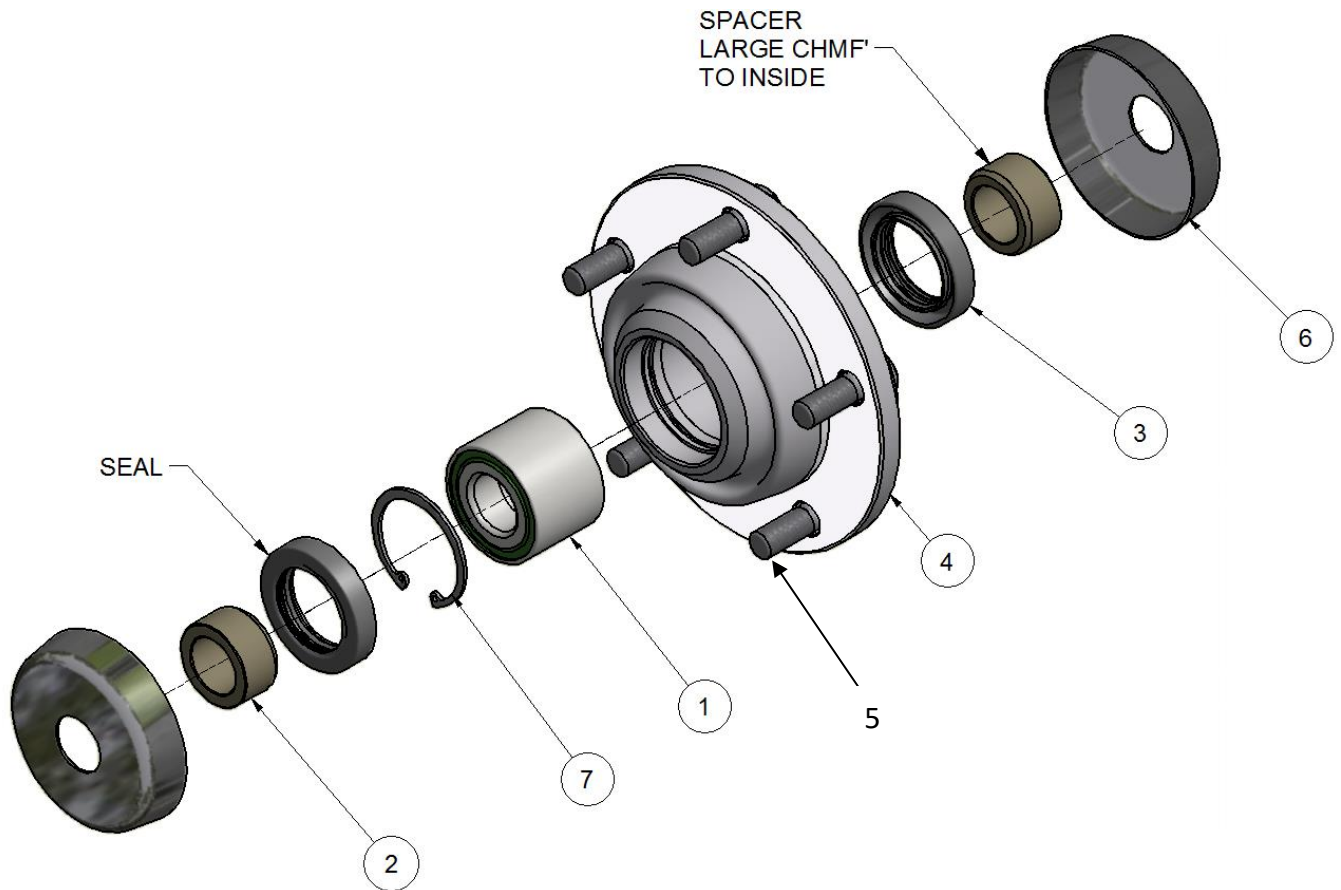
Item#	Part#	Description
1	03674	Coulter Disc & Hub Assembly – Flat – 5 Stud
NS	03697	Coulter Disk & Hub Assembly – Ripple – 5 Stud



Item#	Qty	Part#	Description
All	1	03674	Coulter Disc & Hub Assembly - Flat
1	1	27893	Coulter Hub Assembly V3
2	1	12161	Coulter Disc – 460mm 18” – Flat – 5 Stud
3	5	09635	Nut – M12 x 1.5mm Fine Thread
4	5	09010	Washer – Spring – M12

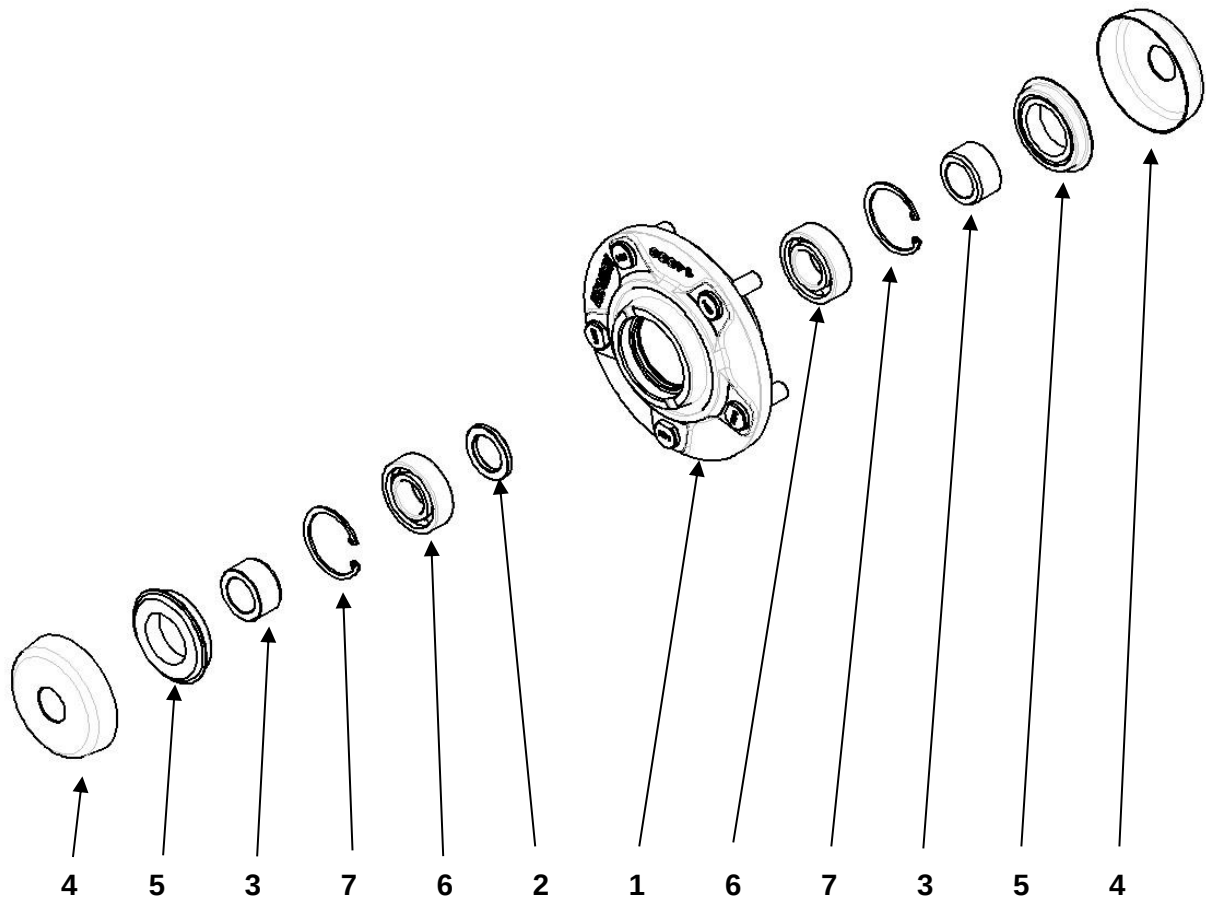
Note: V2 Assembly contained older V2 style hub, bearings & seals

8.2 Coulter Hub Assembly – V3



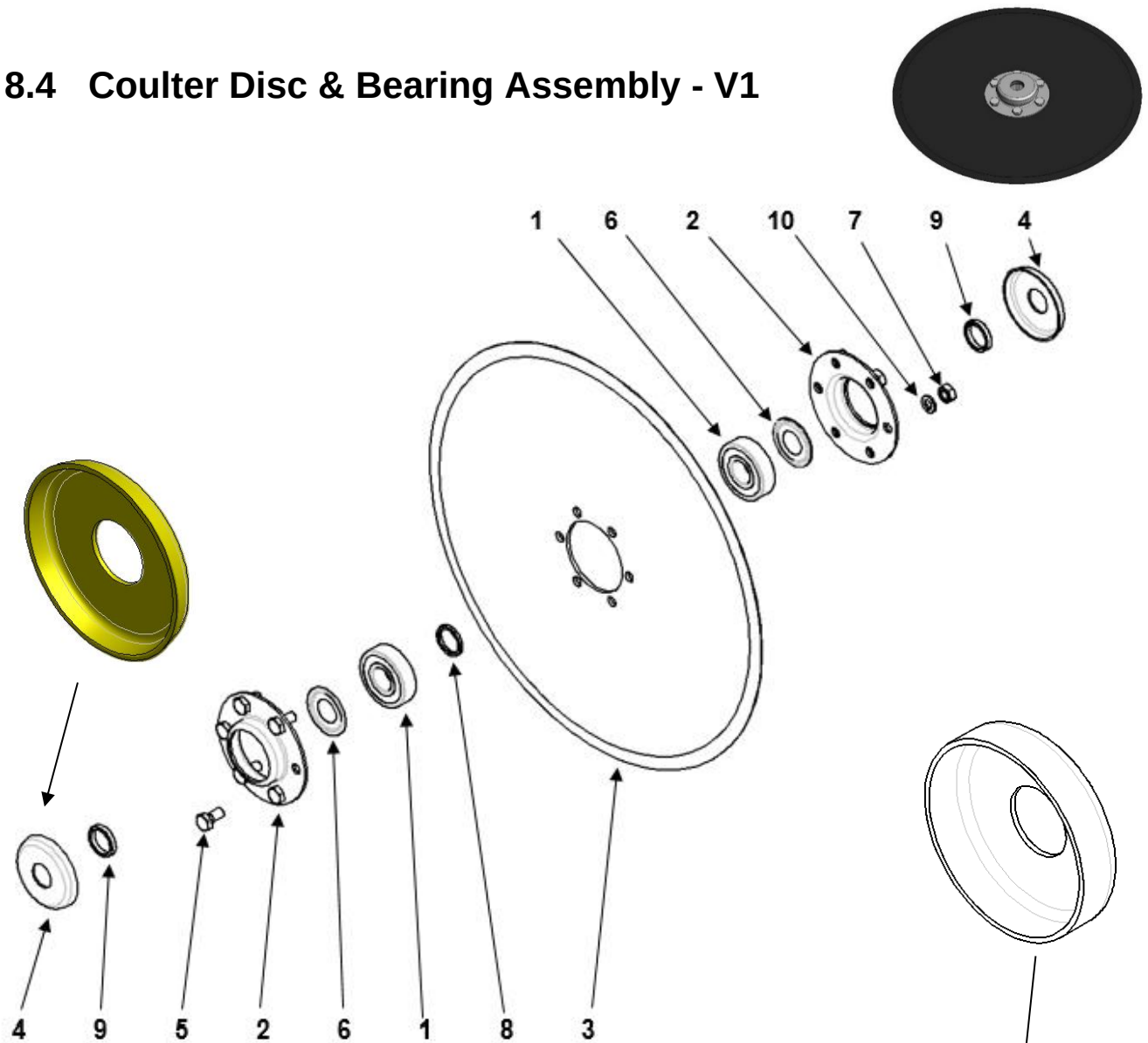
Item#	Qty	Part#	Description
All	1	27893	Coulter Hub Assembly V3
1	1	27890	Bearing Coulter Hub
2	2	27891	Spacer Coulter Hub V3
3	2	27892	Seal Triple Lip
4	1	15255	Coulter Disc Hub V3 c/w Studs (Painted Orange)
5	5	14331	Coulter Wheel Studs M12 1.5x 40L
6	2	03678	Coulter Deflector Cup
7	1	09522	Circlip Internal 52x2mm

8.3 Coulter Hub Assembly – V2



Item#	Qty	Part#	Description
ALL	NLA	ORB 27893	Coulter Hub Assembly V2
1	NLA	ORB 27893	Coulter Hub & Stud Assembly V2
2	1	03676	Coulter Bearing Spacer
3	2	03677	Coulter Dust Cover Spacer
4	2	03678	Coulter Deflector Cup Pressing
5	2	09469	Seal Coulter Hub V2
6	2	09508	Ball Bearing 25 x 52 x 15 Deep Groove Single Row
7	2	09522	Circlip – Internal – 52 x 2

8.4 Coulter Disc & Bearing Assembly - V1



Item#	Qty	Part#	Description
All	1	03192	V1 Coulter Disc & Bearing Assembly – 18” - Flat
		03193	V1 Coulter Disc & Bearing Assembly – 18” - Ripple
1	2	03007	Coulter Bearing
2	2	03005	Coulter Bearing Housing
3	1	03002	Coulter Disc – 460mm 18” Flat – 6 Bolt
4	2	03006	Dust Cover – Coulter V1
		03034	Dust Cover – Coulter V0 (very old min order qty 50)
5	6	09128	Setscrew – M10 x 20mm
6	2	03169	Nilos Ring
7	6	09131	Nut – M10
8	1	03113	Spacer – 4.0mm – Coulter Disc
9	2	03141	Spacer – 6.0mm – Dust Cover
10	6	09130	Washer – Spring M10

9.0 Coulter Disc

9.1 Coulter Disc V3 & V2 – 5 Hole



Item#	Part#	Description
	12161	Coulter Disc – 460mm 18” Flat – 5 Stud
NS	12675	Coulter Disc – 460mm 18” Ripple – 5 Stud

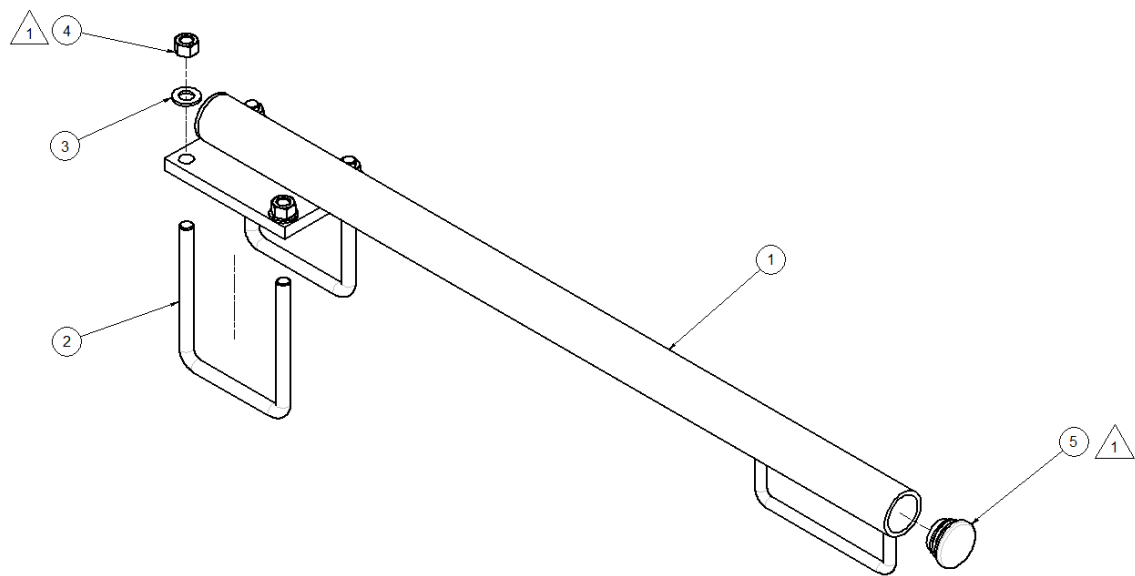
9.2 Coulter Disc V1 (pre 2009) – 6 Hole



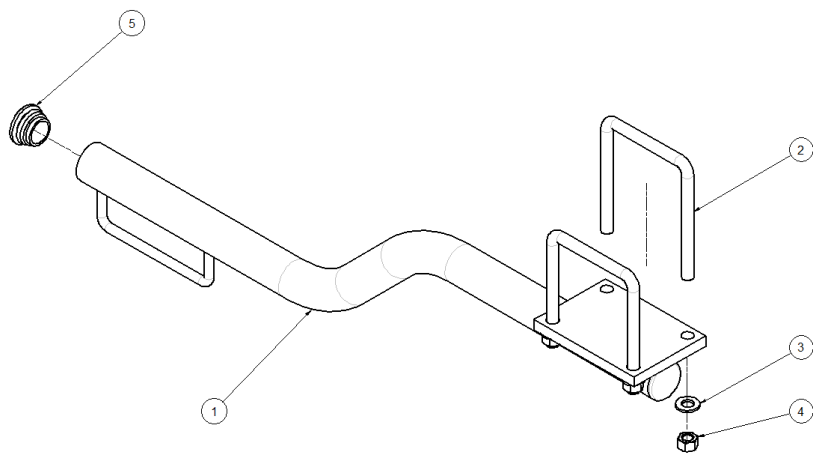
Item#	Part#	Description
	03002	Coulter Disc – 460mm 18” Flat – 6 Bolt
NS	03011	Coulter Disc – 460mm 18” Ripple – 6 Bolt
NS	NLA	Coulter Disc – 460mm 18” Wavy – 6 Bolt

10.0 Coulter Brackets/Braces

10.1 Coulter Guide Brackets

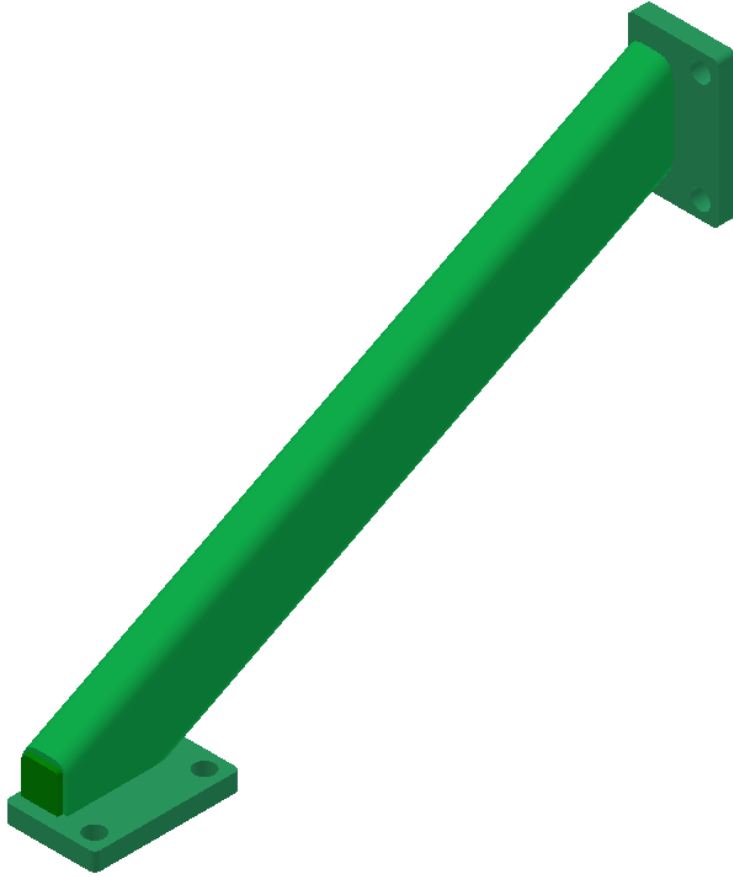


Item#	Qty	Part#	Description
All	1	27225	Cable Guide Bracket Assy Easitill
All	1	11473	Cable Guide Bracket Assy DBS
1	1	27224	Cable Guide Bracket Easitill
1	1	11474	Cable Guide Bracket DBS
2,3,4	2	05778	U Bolt Set M12 x 102 x 133mm
5	2	09481	End Cap

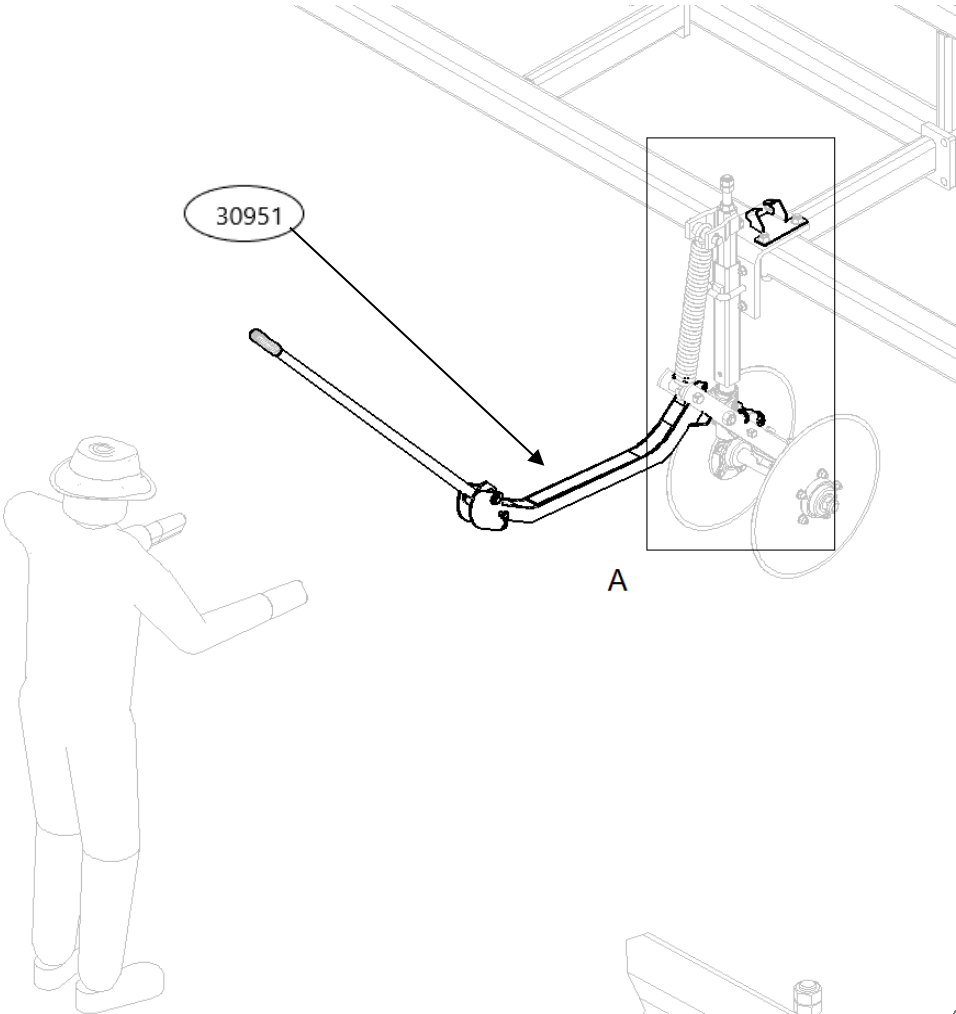


Item#	Qty	Part#	Description
All	1	27805	Cable Guide Bracket Assy Easitill
	1	27804	Cable Guide Bracket Easitill
2,3,4	2	05778	U Bolt Set M12 x 102 x 133mm
5	1	09481	End Cap

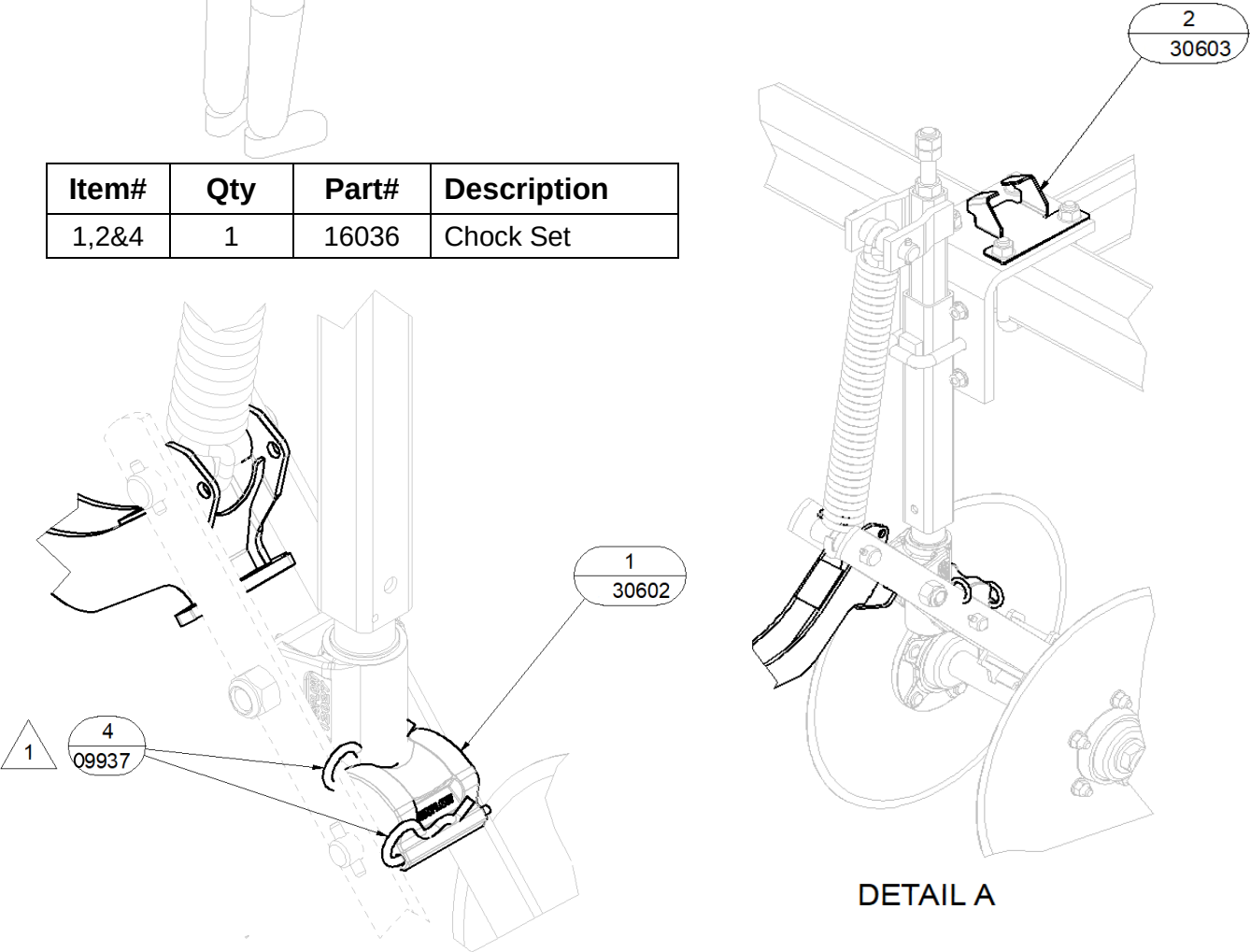
10.2 Coulter Angle Brace #33851



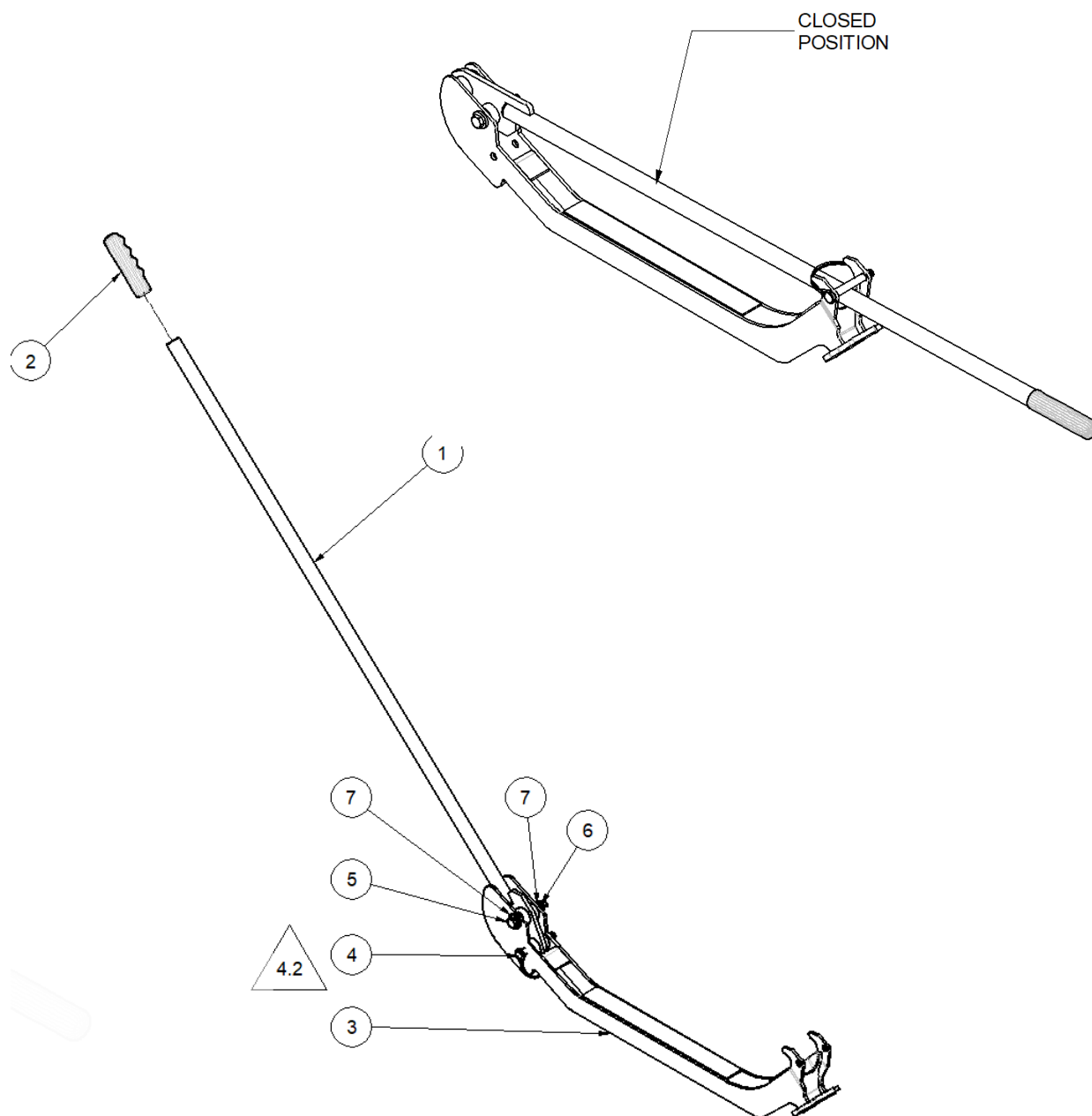
11.0 Coulter Locking Tool



Item#	Qty	Part#	Description
1,2&4	1	16036	Chock Set



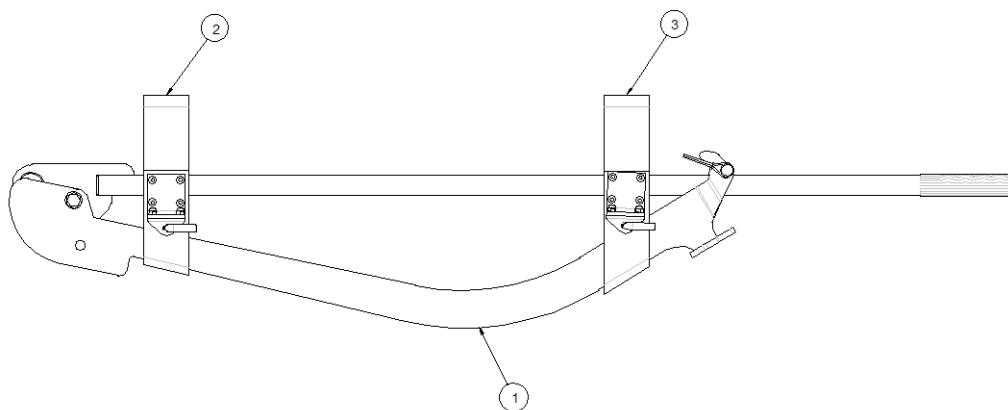
DETAIL A



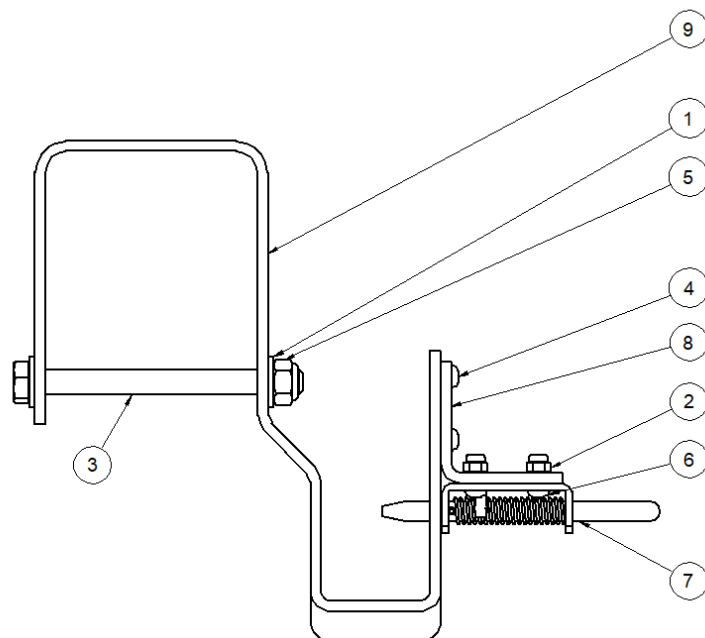
Item#	Qty	Part#	Description
All	1	30951	Coulter Raise – Lock Tool
1	1	30608	Coulter Lock Lever Arm
2	1	30609	Handle Grip Black
3	1	30950	Coulter Lock Arm Lower
4	1	09935	Shaft Locking Pin 11Diax89mm
5	1	09230	Bolt M12 x 80mm
6	1	09701	Nut M12 Nyloc
7	2	09031	Washer Flat M12

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STORAGE POSITION



Item#	Qty	Part#	Description
All	1	32584	Coulter Raise Lock Tool & Stow Kit
1	1	30951	Coulter Lock Tool Arm
2	1	32510	LHS Stow Bracket
3	1	32511	RHS Stow Bracket



Item#	Qty	Part#	Description
All	1	32510	Lock Tool LH Hook
1	2	09031	Washer Flat M12
2	4	09064	Nut M6 Nylock
3	1	09436	Bolt M12 x 130mm
4	4	09478	Screw Socket Button Head M6 x 10mm SS
5	1	09701	Nut M12 Nylock
6	4	09877	Screw M6 x 16mm Button Skt Head SS
7	1	09991	Spring Bolt M10mm
8	1	32507	Latch Base
9	1	32508	LH Hook