

AUSPLOW

Australian designed and manufactured



DBS AUSEEDER SPARE PARTS MANUAL

VERSION 6.4

#00926

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History

Ausplow introduced the A Series DBS in 1995. The A Series was released with the Version 1 Tine.

In 1997 the S Series DBS (recognised by the drawbar running through the frame), was introduced by Ausplow along with the Version 2 Tine.

In 2000 Ausplow started production of the E Series DBS and the N Series DBS whilst still producing the S Series.

2001 saw the cessation of S Series production. E Series & N Series production ceased in December 2006.

The introduction of D Series in January 2007 was accompanied by the introduction of the Version 3 Tine assembly.

March 2009 saw the introduction of 1 ¼" wing lift pins and upgraded inner wings to the D260-70.

The D300-61 was upgraded to 1 ¼" wing lift pins with upgraded inner wings in May 2009.

June 2009 saw introduction of 1 ¼" wing lift pins to the remainder of the DBS D Series product range, and in 2010 changes were made to the centre frames.

In 2015 the Pro-D ground tools were supplied with all new DBS machines. The Pro-D ground tools can be retro fitted to V3 Tine assemblies and also the V2 Tine assemblies when fitted with the 32mm stainless fertiliser tubes.

From March 2015 all new machines were fitted with a cast rocker assembly which now have the longer pins (180mm) for the upper wheel adjuster pin.

In 2016 a new rib assembly was introduced to all new machines and together with the PRO-D ground tools, became the V4 Tine assembly. The V4 tine assembly had an improved scraper arm and wheel arms.

In 2017 the Paired Row (a combined Closing Tool and Seed Boot) was released which also incorporated a liquid delivery option. In April the Wing Support Arm bolts changed from M16 x 60mm (3 bolts) to M20 x 65mm (2 bolts).

In 2017 the Friction Flow liquid system was offered as an option for delivering liquid fertiliser. Also, during 2017 the 100x100mm rear top rail and longer angle braces were progressively added to new DBS bars which are now called Series II DBS.

In 2018 the Stability Wheel Kit was introduced as an option for 5 Frame machines to help reduce “wind up” on the outer wings.

In 2019 the new Friction Flow liquid system with Sectional Control using distribution and riser manifolds, was introduced.

In 2021, Series II Drawbars (DBS1615 onward) were introduced with a longer top beam for more strength and an extra hitch hole to adjust the height. The cable brackets were also changed to reflect using a bolt and plate instead of U bolts.

In late 2022 the Series II Drawbars were changed to allow for the addition of an Active Drawbar Kit.

Information

This spare parts manual covers the Ausplow DBS Auseeder Spare Parts.

Throughout this manual, DBS will be used as a generic term and some generic acronyms will be used:

ORB:	Obsolete Replaced By,
NLA:	No Longer Available,
BSN:	By Serial Number,
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,
OAH:	Over All Height,
OAL:	Over All Length.

Auseeder parts can be found in the appropriate Ausplow Auseeder Spare Parts Manual.

Air Kit Parts can be found in the Ausplow Air Kit Spare Parts Manual. See the Multistream Spare Parts Manual for DBS's with a Multistream Drawbar mounted bin.

Due to the age of some machines and Ausplow's policy of continuous improvement, many 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

Ausplow Farming Systems Pty Ltd
as Trustee for
Ausplow Farming Systems Trust
ABN 57 168 859 933
Trading As:
Ausplow Farming Systems

Bill To

Deliver To

Number	
Date	
PO Number	
Cust Code	
Due Date	
Page	1

Product Code	Product Description	Qty	Price	Discount	Amount Excl GST
01132	Shank - Auseeder - 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 X 20 INCORRECTLY ORDERED					
EFT DETAILS: BSB: 086-136 A/C#: 795 293 766			Sub-Total (Ex GST)		
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.			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.

- **Prior approval** of Ausplow General Management required for **any bulk returns.**

When all information is received, stock is counted and assessed as re-saleable, a credit note will be sent less the 20% restocking fee on the Dealer Net Price. No credit will be processed unless all the required information is received.

If more than a few items are to be returned, and if purchased more than 12 months ago, please **advise the Parts Section prior to returning these items.**

Procedure for Warranty Claims

- Contact the Ausplow Warranty Manager (Service Manager) initially.
- Send a completed Warranty Claim form (below) to our Warranty Department: warranty@ausplow.com.au
- If instructed by Service Manager, you may need to return parts claimed under warranty to Ausplow or request pictures of parts to be emailed.
- If approved an Ausplow Claim Reference Number will be assigned and a Warranty Sales order will be created at no charge and will advise when the order is ready.
- Where labour or subcontract cost are being claimed a separate Warranty Claim Form – Labour/Outsource (below) is to be submitted.

AUSPLOW Digging deep for every farmer.		Warranty Claim Form - Parts	
Ausplow Claim Reference # assigned by Ausplow			
Dealer Reference / Purchase Order #			
Dealer		Date of Claim	
Branch		Date of Failure	
Owner / Trading Name			
Serial #		Date of Sale	
		Model #	
* Claims will not be accepted if date of claim is more than 1 month after date of failure without prior approval			
NATURE OF FAILURE describe fully			
PROPOSED RECTIFICATION state procedures to be undertaken			
Claim for Parts Only			
QTY	PART #	DESCRIPTION	
FREIGHT INSTRUCTIONS			
DELIVERY ADDRESS			
COMPLETED BY DEALER (Full Name)			
REVIEWED BY AUSPLOW			
Ausplow use only			
Approved Yes / No		Supplier Notified Yes / No	
Procurement Notified Yes / No		Claim Reference	
Comments			

AUSPLOW Digging deep for every farmer.		Warranty Claim Form - Labour/Outsource	
Ausplow Claim Reference # assigned by Ausplow			
Dealer Reference / Purchase Order #			
Dealer		Date of Claim	
Branch		Date of Failure	
Owner / Trading Name			
Serial #		Date of Sale	
		Model #	
* Claims will not be accepted if date of claim is more than 1 month after date of failure without prior approval			
NATURE OF FAILURE describe fully			
PROPOSED RECTIFICATION state procedures to be undertaken			
Claim for Labour, Travel and Outsourced Items only			
LABOUR - Excluding Travel Time - Labour is not paid for travelling time			
TOTAL HOURS CLAIMED		AT \$100.00/HOUR	TOTAL CLAIMED
TRAVEL			
TOTAL KILOMETRES		AT \$1.00/KILOMETRE	TOTAL CLAIMED
OUTSOURCE LABOUR/MATERIALS CLAIMED (invoice copies must be forwarded)			
NAME	INVOICE #	DETAILS OF WORK	AMOUNT
TOTAL			\$ -
COMPLETED BY DEALER (Full Name)			
REVIEWED BY AUSPLOW			
Ausplow use only			
Approved Yes / No		Supplier Notified Yes / No	
Procurement Notified Yes / No		Claim Reference	
Comments			

1.0 DBS Auseeder - Frame List - Series II (2017 on)

	Fab GA Part #	Centre Frame	Centre Add	Inner Wing Parts				Outer Wing Parts				Draw Bar Assy	Cable Stay Kit	Wing Support Arms Centre Frame				Wing Support Arms Inner Wing 5 Frame			
				LH Inner	RH Inner	RH Inner Add-on	LH Outer	LH Outer Add-on	Time Ext LH	RH Outer	RH Outer Add-on			LHF	RHF	LHR	RHR	LHF	RHF	LHR	RHR
260 Rigid																					
24	11497	11498	11499						11616			33700									
28		11498	11499									33700									
3 Frame																					
32 S/S WA	0030538	29232	29383				29521	29041		29524	29040	33688	5610	29015	29014						
36	028203	29232	29383				28208	28212		28206	28209	33688	5610	29015	29014						
42-6	029480	29232	29383				29420	29423		29418	29422	33688	5611	29015	29014	29018	29016				
42-8	12248	29232	29383				12271	29423		12270	29422	33688	5611	29015	29014	29018	29016				
46N	0035116	29232	29383				35108	35111		35109	35110	34177	5611	29015	29014	29018	29016				
48N	029231	29232	29383				29382	29415		29380	29384	33688	5611	29015	29014	29018	29016				
48E-6	029416	29417	029036				29420	29423		29418	29422	33700	5615	29015	29014	29018	29016				
48E-8	029430	29417	029036				29424	29423		29426	29422	33700	5615	29015	29014	29018	29016				
54	028196	29417	029036				29382	29415		29380	29384	33724	5615	29015	29014	29018	29016				
60	12686	29417	029036				12688	29415	8482	12687	29384	33724	5615	29015	29014	29018	29016				
5 Frame																					
57(S2)	35384	29483	29525	35283	35284	35285	35286	35282		35287	35288	34200	11413	29489	29487	29491	29490	29015	29014	29018	29016
59	029481	29483	29525	29520	29527	29493	29526	29521	29041	29524	29040	33744	11413	29489	29487	29491	29490	29015	29014	29018	29016
64	029558	29054	029225				28243	28245		28244		33683	5612	28852	28851						
66	035100	28875	029036	29520	29527	29493	29526	29035	29041	29019	29040	33724	5616	29561	29559	29562	29562	29015	29014	29018	29016
70	028878	28875	029036	29002	29039	28999	29038	29035	29041	35077	35073	34160	5616	35090	35089	35093	35093	35090	35089	35095	35096
300												33724	11092	28998	28997	28996	28879	29015	29014	29018	29016
3 Frame																					
32	028909	29054	029225				29576	28859		29575	28860	33683	5612	28852	28851						
36	029582	29054	029225				28243	28245		28244		33683	5612	28852	28851						
40-6	029053	29054	029225				29224	29226		29069	29227	33683	5613	28852	28851	28850	28849				
40-8	029228	29054	029225				29230	29226		29229	29227	33683	5613	28852	28851	28850	28849				
40-8(DW 12.19m)	035530	29054	292254				35375	35374		35373	35372	34182	5613	28852	28851	28850	28849				
44	029581	29054	029225				29533	29535		29530	29534	33637	5613	28852	28851	28850	28849				
46	029580	29054	029225				29533	29535	11558	29530	29534	33637	5613	28852	28851	28850	28849				
48	029579	29054	029225				29533	29535	11552	29530	29534	33637	5613	28852	28851	28850	28849				
49	029578	28825	028854				29533	29563	11558	29530	29534	33740	5618	28852	28851	28850	28849				
51	029529	28825	028854				29533	29535	11552	29530	29534	33740	5618	28852	28851	28850	28849				
5 Frame																					
50	029565	29054	29225	29458	29478	29433	29477	29576		29575	28860	33637	26543	29566	29567	29569	29568	29571	29570	29574	29572
55	029431	28825	28854	29458	29478	29433	29477	28842		28841	28860	33740	5619	28848	28847	29471	29469	28852	28851	28850	28849
61 S/S WA	028865	28825	28854	28834	28855	28833	28856	28842		28841	28860	33740	5620	28848	28847	28846	28845	28852	28851	28850	28849
60T	028873	28867	28872	28834	28855	28833	28856	28842		28841	28860	33748		28869	28868	28871	28870	28852	28851	28850	28849
381																					
3 Frame																					
28	0030994	30995	14728				31012	14729		31001	14730	33857	14741	28957	28955	31019	31018				
32	0031030	30995	14728				31012	14729	11558	31001	14730	33857	14741	28957	28955	31019	31018				
36	0030600	28931	14548				28953	14554		28950	14557	14703	14705	28957	28955	28959	28958				
40	028929	28931	14548				28953	14554	14555	28950	14557	14703	14705	28957	28955	28959	28958				
5 Frame																					
44	029577	29538	14503	29549	14504	29546	14505	29556		29553	14534	33857	14657	29542	29541	29544	29543	29542	29541	29552	29551
48	029537	29538	14503	29549	14504	29546	14505	29556	11558	29553	14534	33857	14657	29542	29541	29544	29543	29542	29541	29552	29551

DBS Auseeder - Frame List - Series I (Pre 2017)

	Fab GA Part #	Centre Frame	Centre Add	Inner Wing Parts				Outer Wing Parts				Draw Bar Assy	Cable Stay Kit	Wing Support Arms Centre Frame				Wing Support Arms Inner Wing 5 Frame			
				LH Inner	RH Inner	RH Inner Add-on	LH Outer	LH Outer Add-on	Time Ext LH	RH Outer	RH Outer Add-on			LHF	RHF	LHR	RHR	LHF	RHF	LHR	RHR
260 Rigid																					
24	11497	11498	11499									5175									
28		11498	11499						11616			5175									
3 Frame																					
32 S/S WA	12618	12261	8544				12615	7689		12614	7688	8602	5610	8516	8515						
36	12247	12261	8544				14453	8547		14452	8546	8602	5610	8516	8515						
42-6	14827	12261	8544				14829	8475		14828	8474	8602	5611	8516	8515	8521	8520				
42-8	12248	12261	8544				12271	8475		12270	8474	8602	5611	8516	8515	8521	8520				
48N	12249	12261	8544				12273	8480		12272	8479	8602	5611	8516	8515	8521	8520				
48E-6	14375	12263	12779				14829	8475		14828	8474	5175	5615	8516	8515	8521	8520				
48E-8	12254	12263	12779				12271	8475		12270	8474	5175	5615	8516	8515	8521	8520				
54	12255	12263	12779				12273	8480		12272	8479	5175	5615	8516	8515	8521	8520				
60	12686	12263	12779				12688	8480	8482	12687	8479	5175	5615	8516	8515	8521	8520				
5 Frame																					
59	12256	12264	11407				12615	7689		12614	7688	11392	11413	11402	11401	11404	11403	8516	8515	8521	8520
64	12609	12770	12779				14894	7689		14893	7688	5175	5616	8525	8524	7849	7848	8516	8515	8521	8520
70	14892	12770	12779				14894	7689		14893	7688	5175	11092	11097	11096	11099	11098	8516	8515	8521	8520
300																					
3 Frame																					
32	12250	12262	8556				14124	5164		14125	7237	8603	5612	6263	5152						
36	13128	12262	8556				13133	8469		13132	8468	8603	5612	6263	5152						
40-6	14895	12262	8556				14897	8471		14896	8470	8603	5613	6263	5152	5153	6261				
40-8	12252	12262	8556				12279	8471		12278	8470	8603	5613	6263	5152	5153	6261				
44	12131	12262	8556				12281	8561		12280	8560	8603	5613	6263	5152	5153	6261				
46	12253	12262	8556				12281	8561	11558	12280	8560	8603	5613	6263	5152	5153	6261				
48	025344	12262	8556				12281	8561	11552	12280	8560	8603	5613	6263	5152	5153	6261				
49	12654	12265	5184				12281	8561	11558	12280	8560	5186	5618	6263	5152	5153	6261				
51	12258	12265	5184				12281	8561	11552	12280	8560	5186	5618	6263	5152	5153	6261				
5 Frame																					
50	026514	12262	8556				14124	5164		14125	7237	8603	26543	26527	26526	26531	26529	26520	26516	26523	26522
55	12694	12265	12785				13860	5164		13859	7237	5186	5619	7247	7246	7249	7248	6263	5152	14222	14221
61 S/S WA	028865	28825	28854				28842	28859		28841	28860	5186	5620	28848	28847	28846	28845	28852	28851	28850	28849
60T	12136	7645	7646				13860	5164		13859	7237	7656		7763	7762	7765	7764	6263	5152	5153	6261
381																					
3 Frame																					
28	026440	14723	14728				14727	14729		14725	14730	14695	14741	14573	14592	14574	14593				
32	14731	14723	14728				14727	14729	11558	14725	14730	14695	14741	14573	14592	14574	14593				
36	026441	14547	14548				14549	14554		14556	14557	14703	14705	14573	14592	14574	14593				
40	14546	14547	14548				14549	14554	14555	14556	14557	14703	14705	14573	14592	14574	14593				
5 Frame																					
44	026442	14500	14503									14695	14657	14530	14535	14529	14536	14530	14535	14529	14536
48	14495	14500	14503									14695	14657	14530	14535	14529	14536	14530	14535	14529	14536

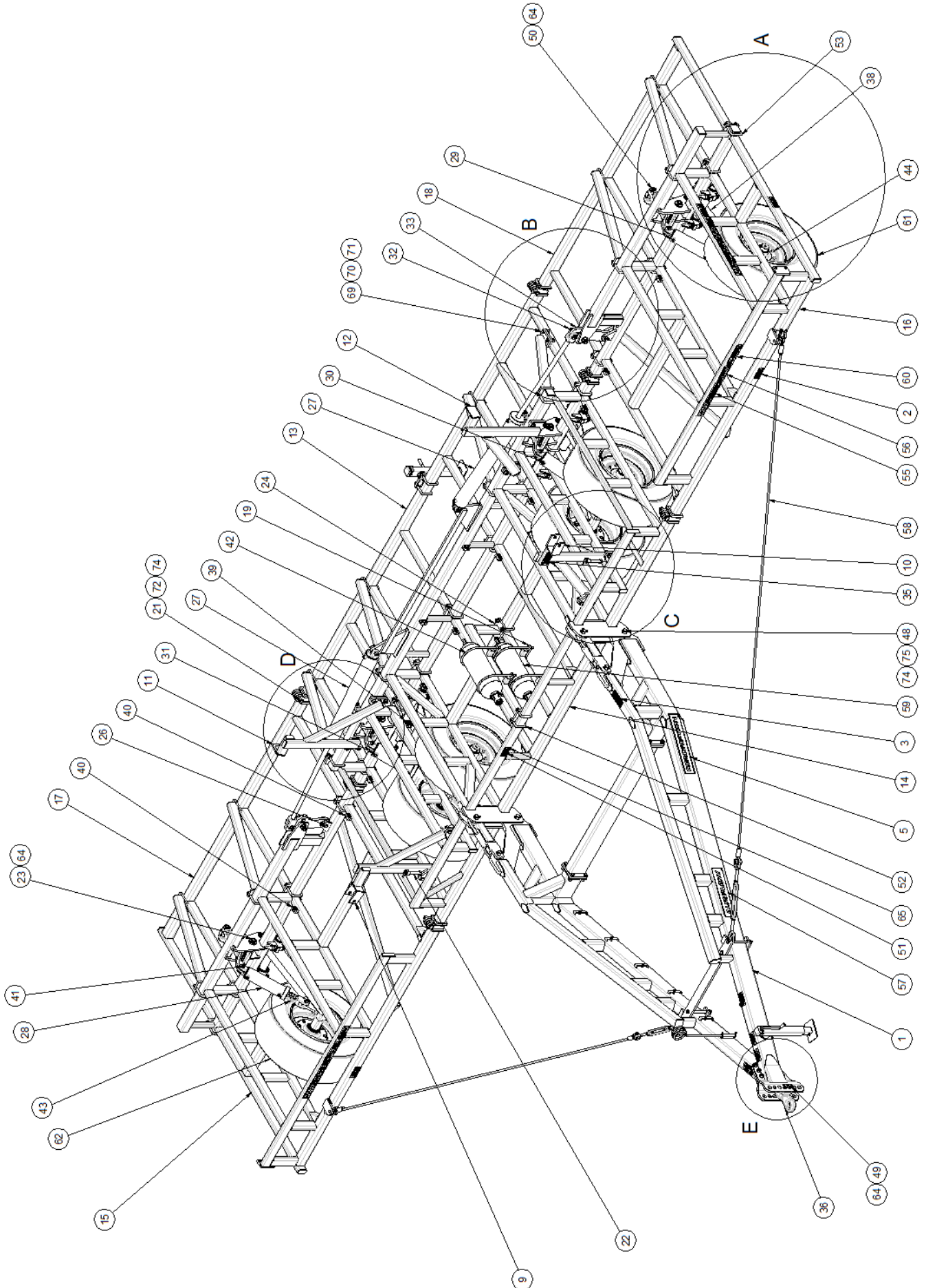
2.0 DBS Auseeder - Drawbar/Brace/Wing List - Series II (Active Drawbar – 2023)

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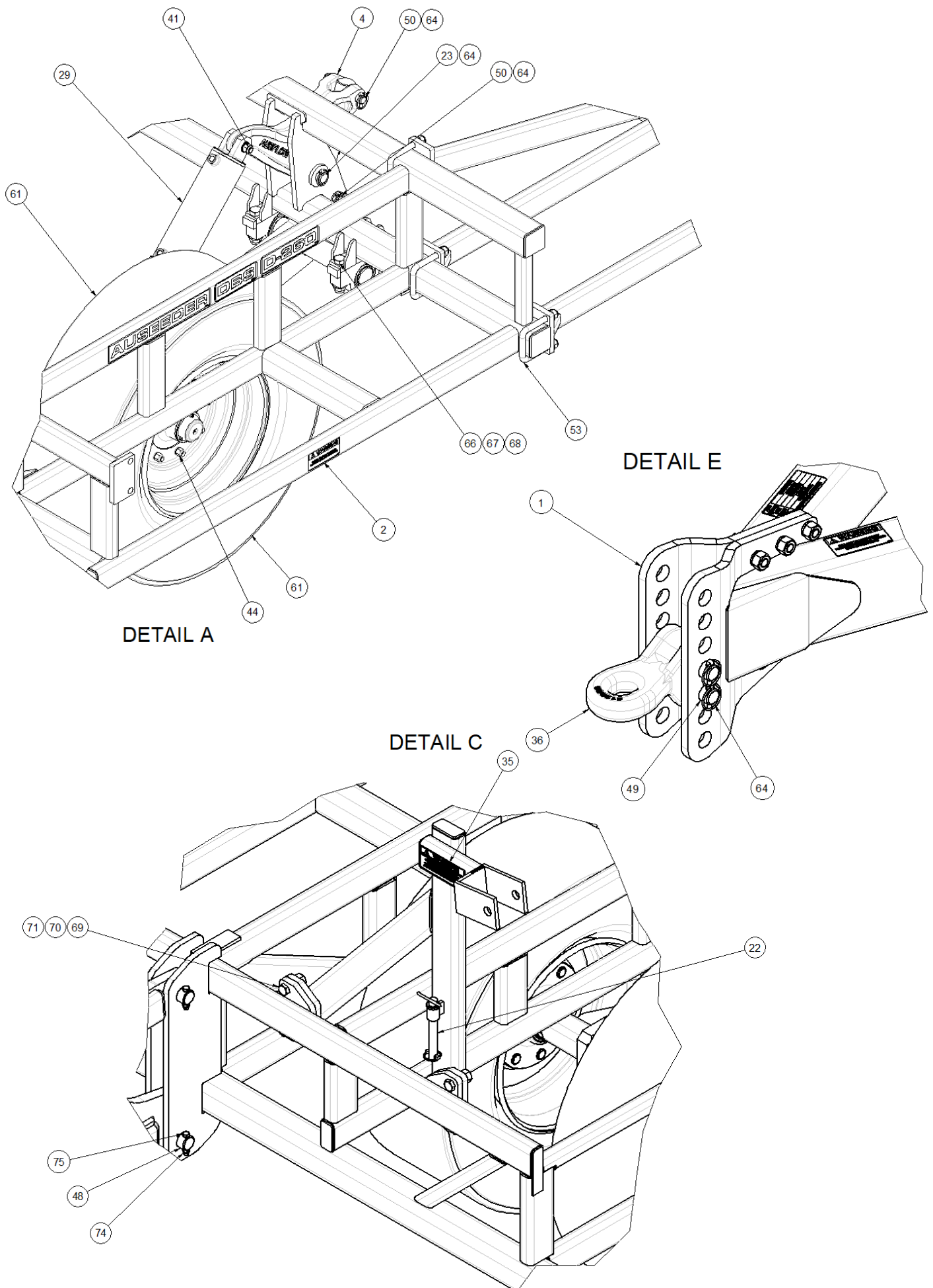
DBS Auseeder - Drawbar/Brace/Wing List - Series I (Pre 2017)

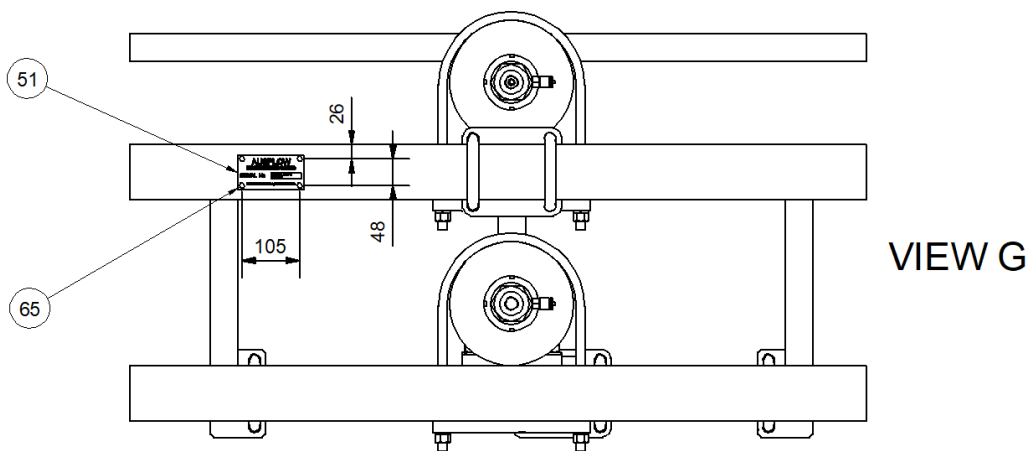
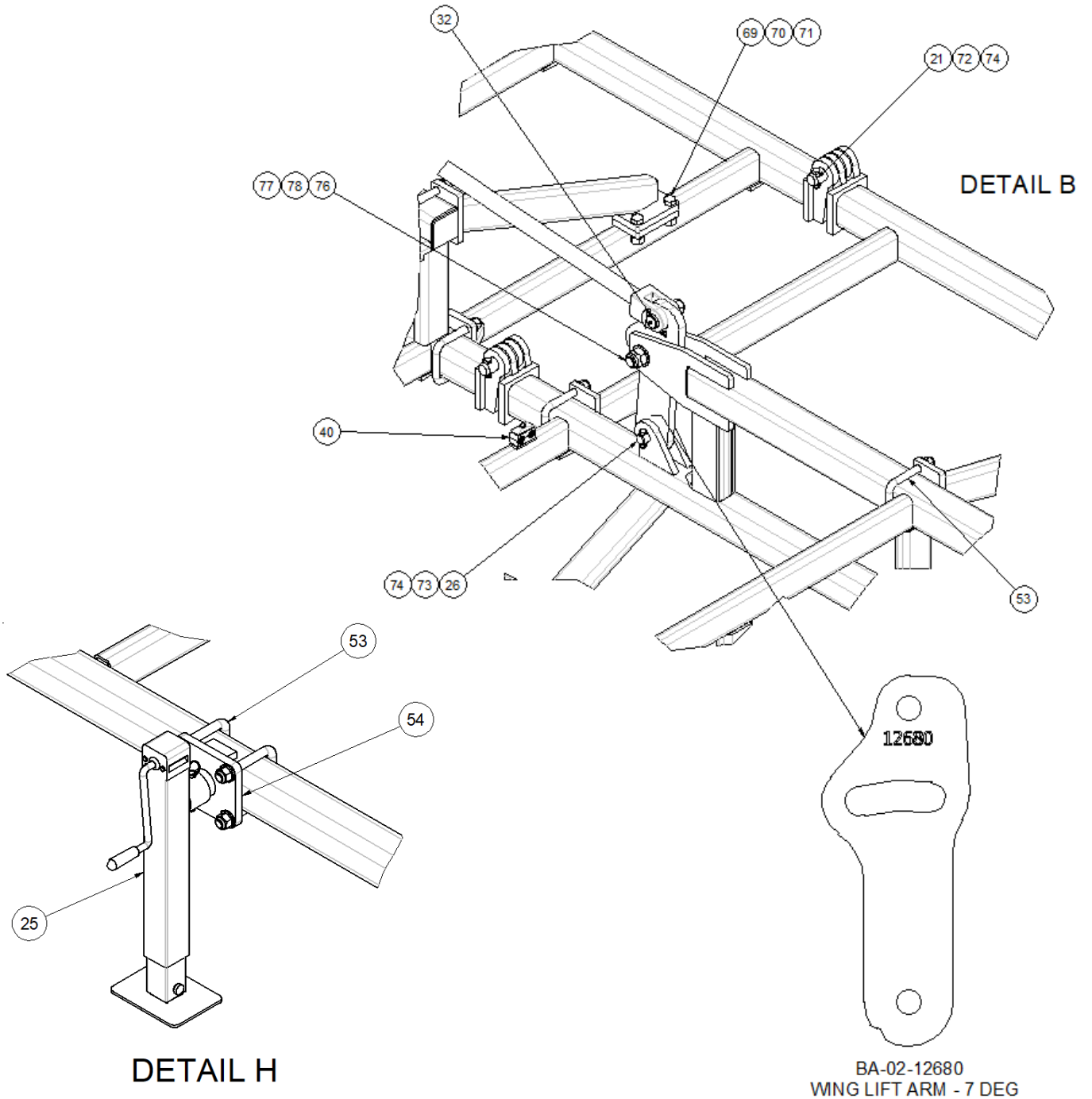
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3.0 Auseeder Bar - Generic 3 Frame Assembly



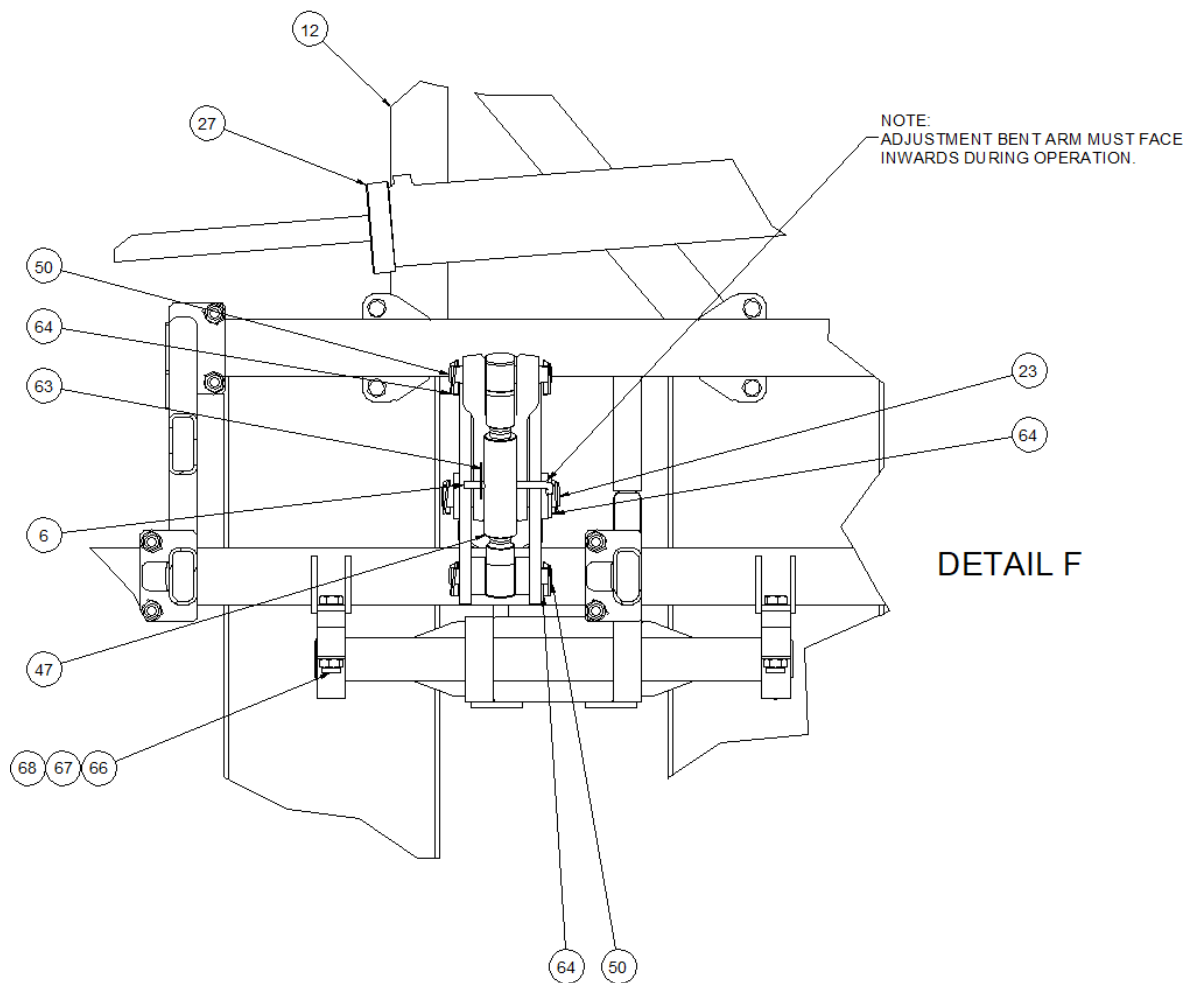
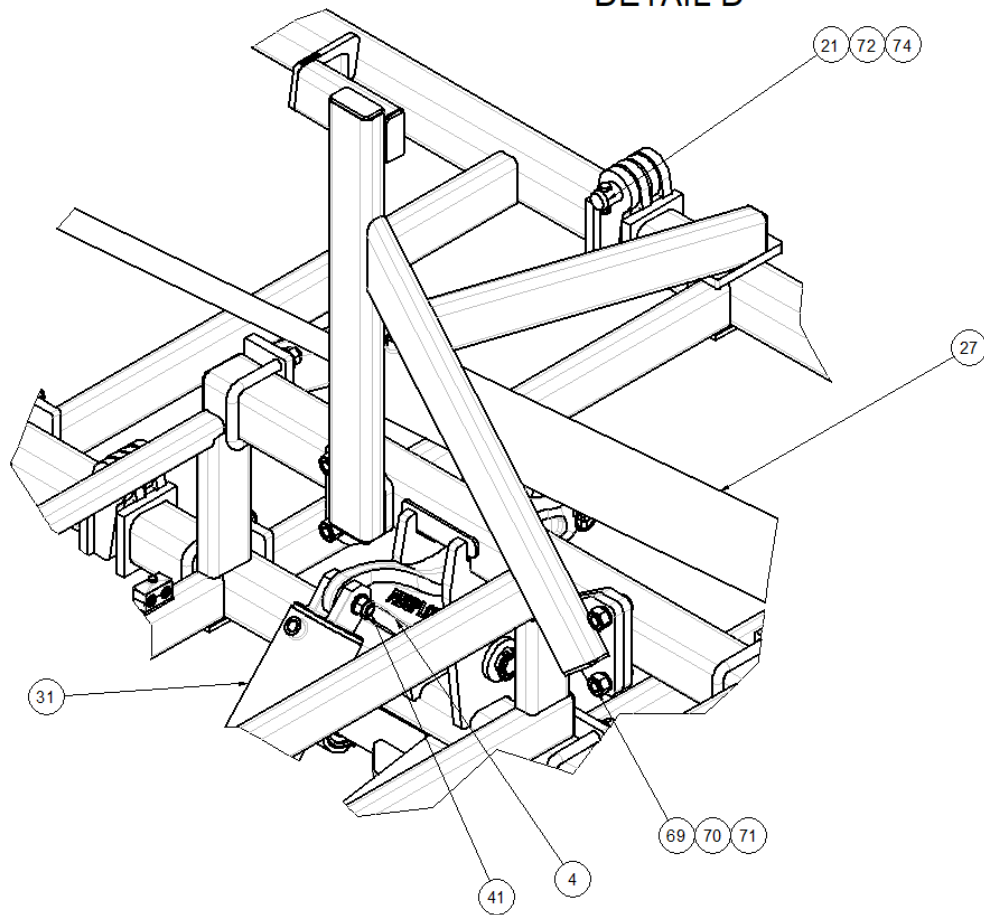
Ausplow DBS Auseeder Spare Parts Manual





NOTE : DRILL 4 HOLES Ø4.2 TO FIX SERIAL No
PLATE WITH HAMMER DRIVE SCREWS

DETAIL D



3.1 Auseeder Bar - Generic 3 Frame Assembly Parts

Item	Qty	Part No	Description
1	1	+	DRAWBAR-COMPLETE
2	6	32895	DECAL WARNING STAND CLEAR WHEN LIFTING & LOWERING
3	1	32083	DECAL TYRE PRESSURE 400/60 & 385/65 R22.5
4	4	27067	ROCKER ASSEMBLY CAST (Replaces 01477 in 2015)
5	2	+	DECAL "MODEL MACHINE"
6	4	28189	TURNBUCKLE LOCK ROD BENT
7,8	+	+	DBS ANGLE BRACE
9,10	+	+	WING SUPPORT ARM RH/LH FRONT
11,12	+	+	WING SUPPORT ARM RH/LH REAR
13	1	+	CENTRE ADD ON BAR
14	1	+	CENTRE FRAME
15	1	+	WING RH FRAME
16	1	+	WING LH FRAME
17	1	+	ADD ON WING RH
18	1	+	ADD ON WING LH
19	2	01001	CLAMP PLATE - 20L ACCUMULATOR
20	1	01011	PAINT TOUCH UP GREEN 1L
21	6	01019	HINGE PIN
22	2	01020	PIN KIT 25.4mm x 185 INC LYNCH PIN
23	4	11880	PIN - 39 x 207mm HARDENED (Replaces 11298)
24	1	11437	ACCUMULATOR STAND WELDMENT
25	1	01153	JACK ASSY 3T TUBE MOUNT WITH PIN
26	2	12329	PIN - 31.5 x 116mm (Wing Lift Arm Lower)
27	2	+	HYD CYLINDER - WING LIFT 1.25" or 1" Pin
28	1	+	HYD CYLINDER PHASING
29	1	+	HYD CYLINDER PHASING
30	1	+	HYD CYLINDER PHASING
31	1	+	HYD CYLINDER PHASING
32	4	12674	PIN SET RAM CLEVIS 1.25", (Wing Lift Arm Upper Pin)
33	2	+	WING LIFT ARM
34	+	+	DBS ANGLE BRACE
35	1	12837	DECAL CAUTION WING FOLDING 210 x 75
36	1	12889	TONGUE CAST CAT 4 - 2 x 36mm pins
37	+	+	AXLE ASSEMBLY SINGLE RH SHAFT
38	+	+	AXLE ASSEMBLY SINGLE LH SHAFT
39	1	14653	HYDRAULIC HOSE MOUNT CLAMP ASSY - 1/2" x 2 Stacked
40	13	14654	HYDRAULIC HOSE MOUNT CLAMP ASSY - 1/2"x 2
41	+	01496	PIN SET RAM CLEVIS 1"
42	4	02999	U BOLT & NUT SET - 20L ACCUMULATOR U-BOLT
43	8	05005	DEPTH STOP SET (7/8", 1", 1 1/4", 1 1/2")
44	+	05011	WHEEL NUT - M18
45	+	+	AXLE ASSEMBLY DUAL RH
46	+	+	AXLE ASSEMBLY DUAL LH

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47	4	05098	WHEEL ADJUSTER ASSEMBLY M36
48	4	05121	PIN - 44.45 x 145mm Drawbar/Frame)
49	2	05123	PIN - 36 x 195mm (Drawbar/Tongue)
50	8	05124	PIN - 30 x 180mm (Wheel Adjuster Lower for cast rocker)
		05125	PIN - 30 x 136mm (Wheel Adj Upper for older machines)
51	1	05435	SERIAL No PLATE
52	+	34586	U BOLT SET - M20 x 102 x 100mm SS (Replaces 05437)
53	+	34583	U BOLT SET - M20 x 102 x 150mm SS (Replaces 05438)
54	1	05486	JACK MOUNT HEAVY WELDMENT
55	6	05539	DECAL "AUSEEDER" 500 x 74mm
56	6	05540	DECAL " DBS" 200 x 74mm
57	2	05602	DECAL "AUSPLOW" 500 x 125mm
58	1	+	CABLE STAY KIT
59	1	+	HYDRAULIC KIT COMPLETE
60	+	05745	DECAL "D - 260" 275 x 75
	+	05746	DECAL "D - 300" 275 x 75
61	+	08766	WHEEL ASSY 385/65R22.5 LH (Tyre Lug 08765, Rim 05201)
	+	11953	WHEEL ASSY 400/60R22.5 LH (Tyre Flotation 14749, Rim 05201)
62	+	08767	WHEEL ASSY 385/65R22.5 RH (Tyre Lug 08765, Rim 05201)
	+	11952	WHEEL ASSY 400/60R22.5 RH (Tyre Flotation 14749, Rim 05201)
63	4	09032	R-CLIP - B10 - 3mm WIRE
64	+	09038	LYNCH PIN 11x50mm (or M12 bolt 09684 & nut 09009)
65	4	09227	HAMMER DRIVE SCREW
66	16	09045	BOLT M24 x 120mm - ZP - GRADE 8.8
67	16	09029	WASHER FLAT M24
68	16	09523	NUT M24 CONELOCK
69	+	09261	BOLT M20 x 65mm
	+	09046	BOLT M16 x 65mm (Pre 2017)
70	+	09042	WASHER-SPRING M20
	+	09048	WASHER-SPRING M16 (Pre 2017)
71	+	09389	NUT M20 (C10)
	+	09047	NUT - M16 (Pre 2017)
72	+	09298	BOLT M12 x 50mm GR8.8 ZP
73	+	09684	BOLT M12 x 45mm
74	+	09009	NUT M12 C8 ZP CONELOCK
75	+	09349	BOLT M12 x 65mm - ZP
76	+	09582	BOLT 1 1/4 x 6" UNC G8 ZP
77	+	09539	WASHER FLAT - M30 - ZP
78	+	09566	NUT 1 1/4 UNC NYLOCK ZP

+ DEPENDS ON MACHINE MODEL (see chapter 1 for details)



#01030 Wing Hinge
Two required to make a Hinge Assy.

#01019 Wing Hinge Pin



CURRENT ROCKER

#27067 Cast Rocker Assembly
Replaces Rocker #01477 and HD Rocker #11275 in 2015



#01496 Pin Set Ram Clevis

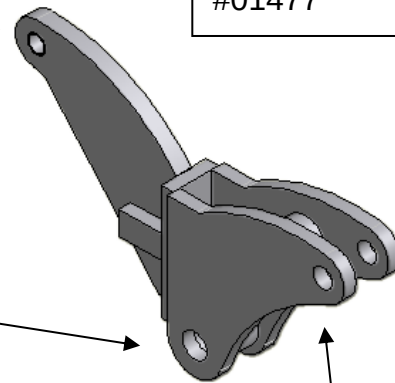
#05124 Pin 30x180mm

#11880 Pin 39 x 207mm HARDENED
Replaces #11298

#01447 Bush 25 x 30 x 25.5mm

Rocker up to 2000-2015

#01477



#11880 Pin 39 x 207mm HARDENED
Replaces #11298

#05125 Pin 30x136mm

S Series Rocker 1997-2000

#01473

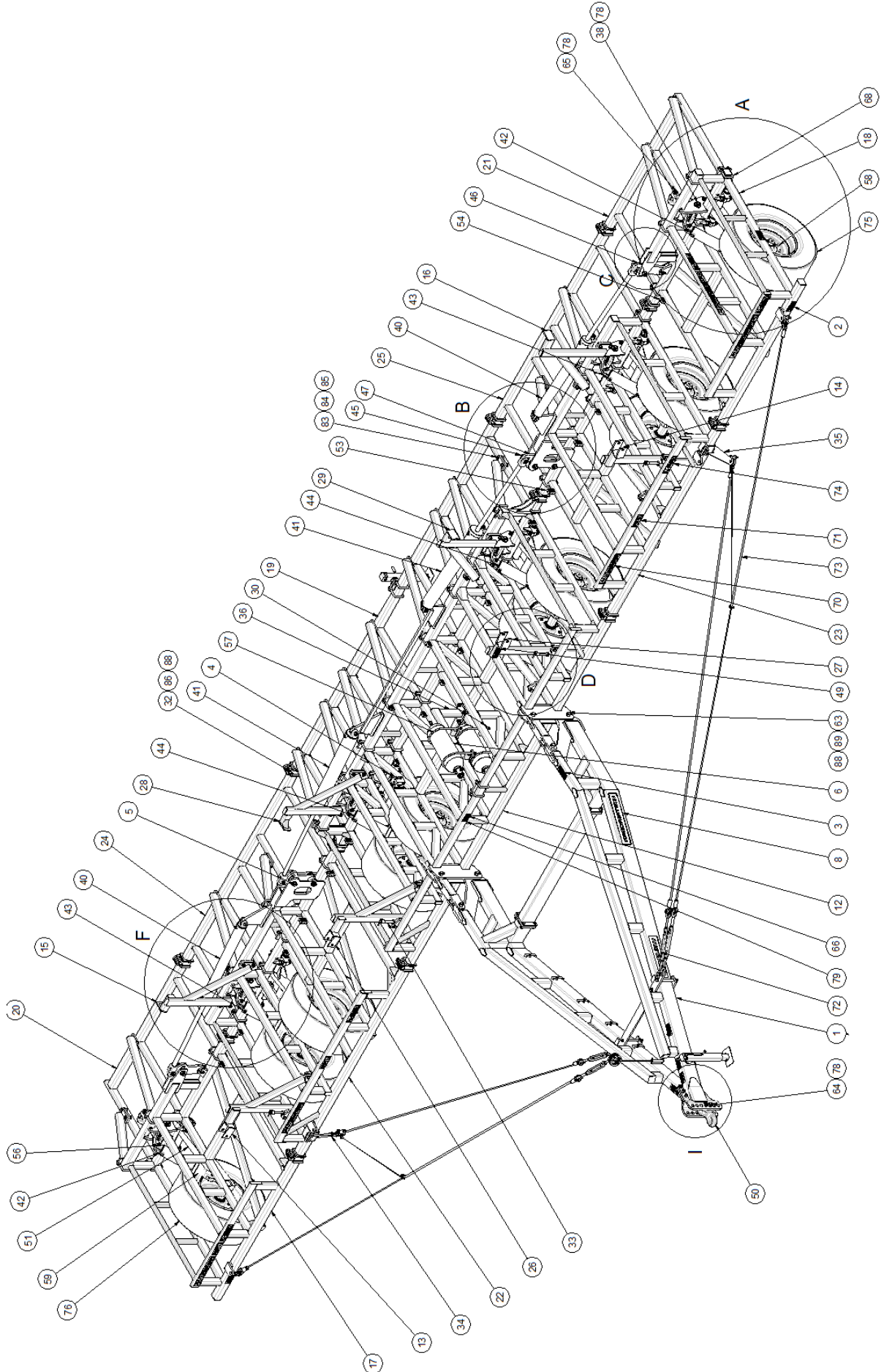
52x30x25.5mm Bush #01447

25x136mm Pin #01021

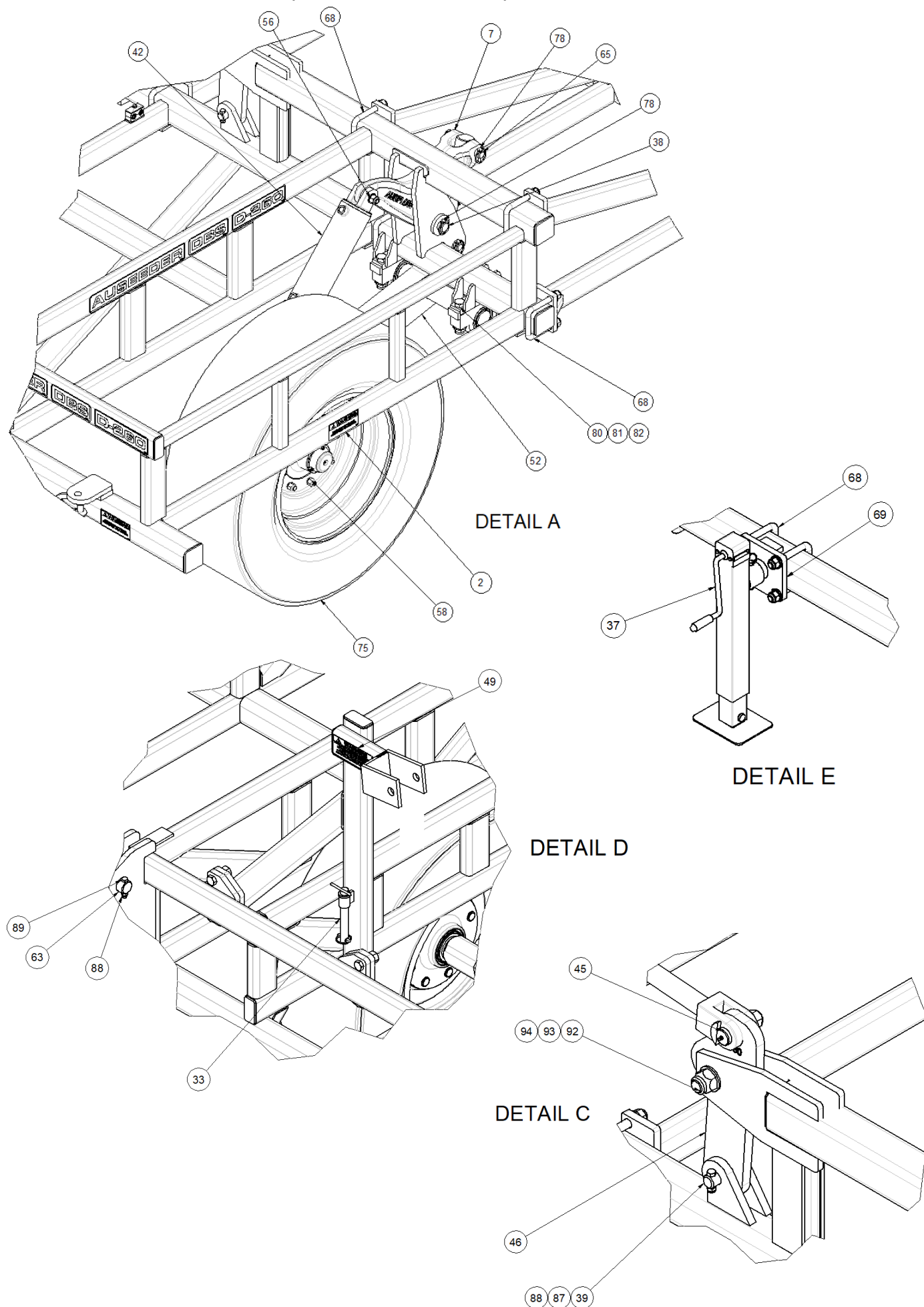
33x180mm Pin #01023

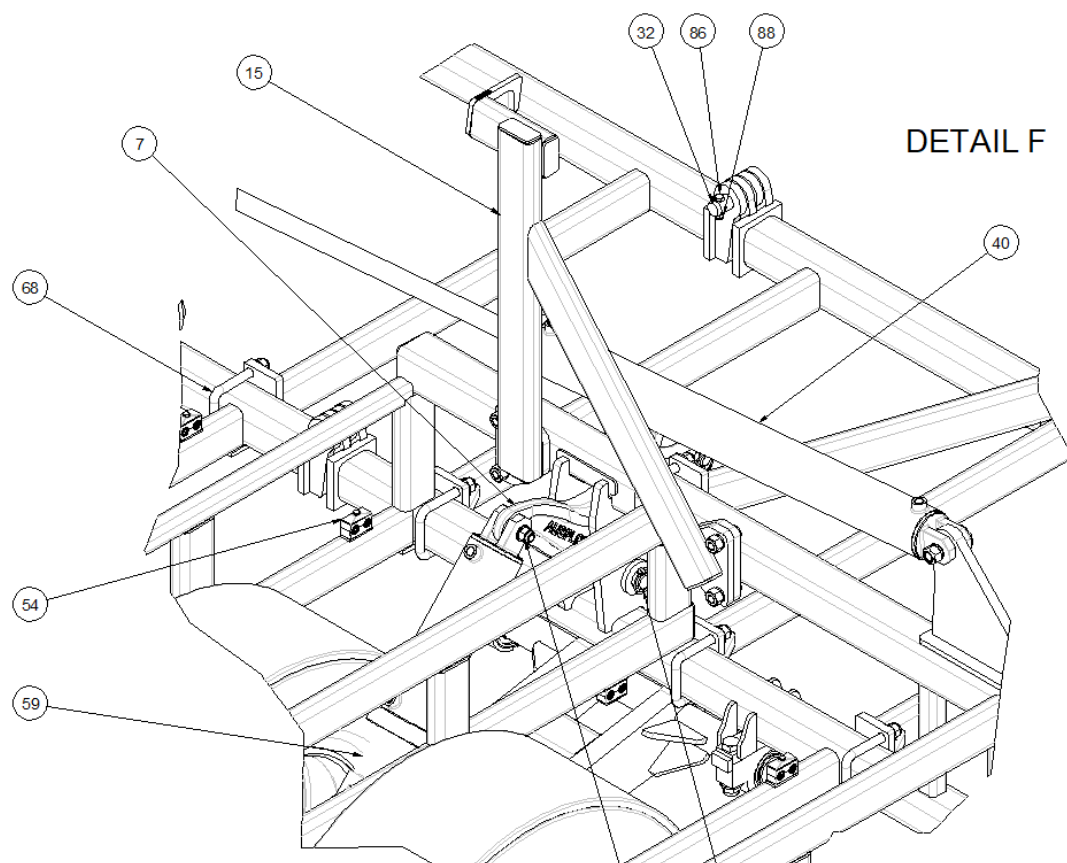
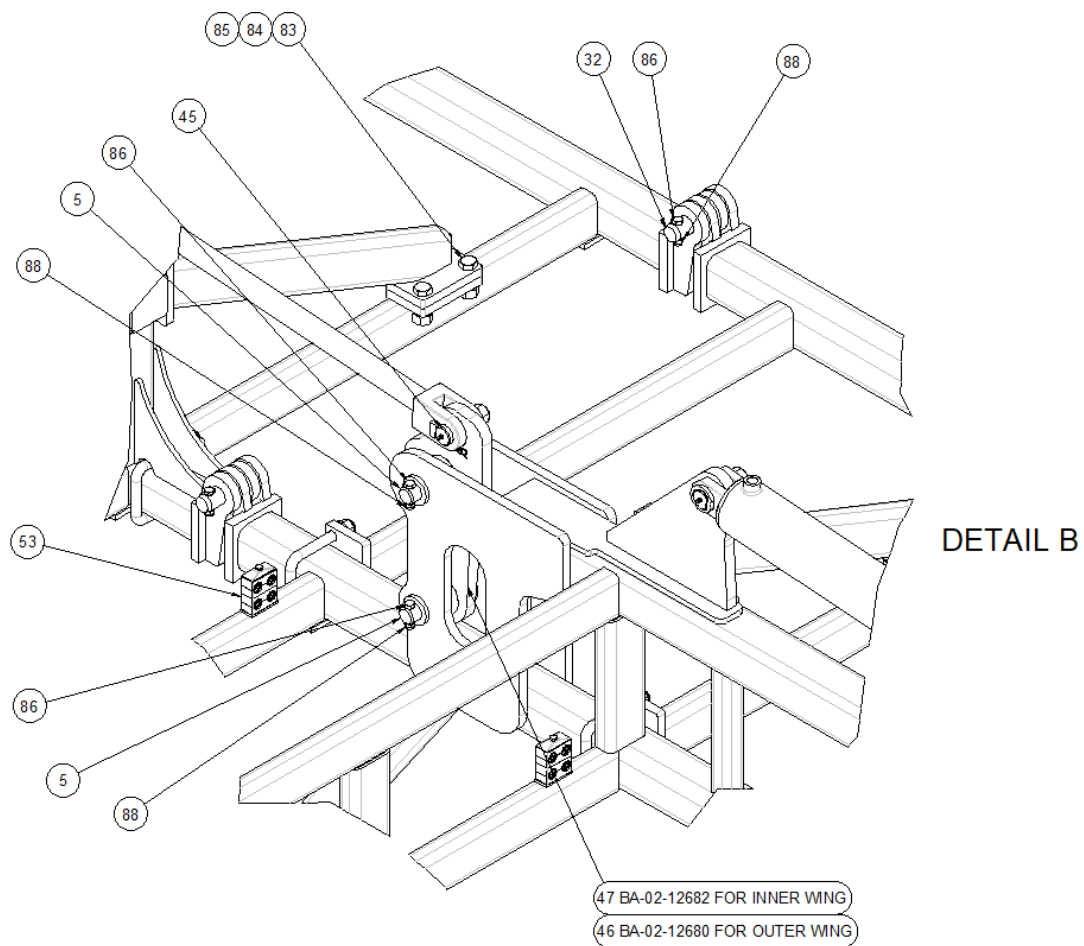


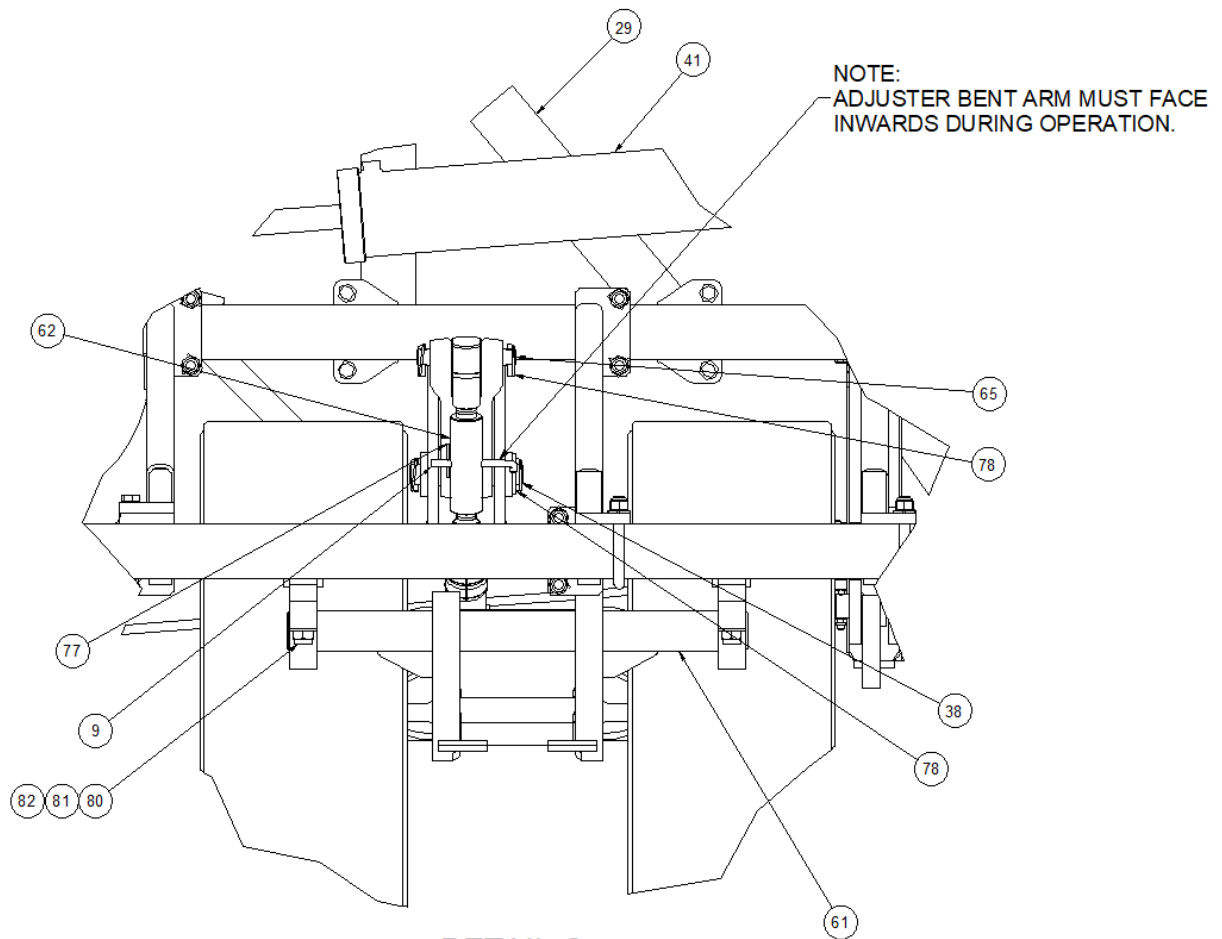
4.0 Auseeder Bar - Generic 5 Frame Assembly



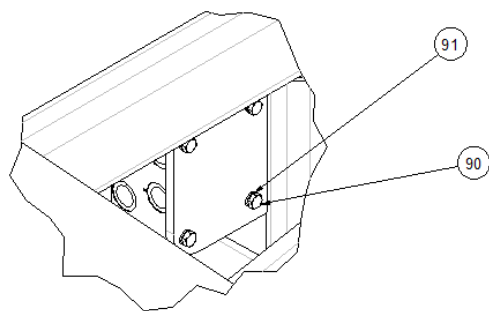
Ausplow DBS Auseeder Spare Parts Manual



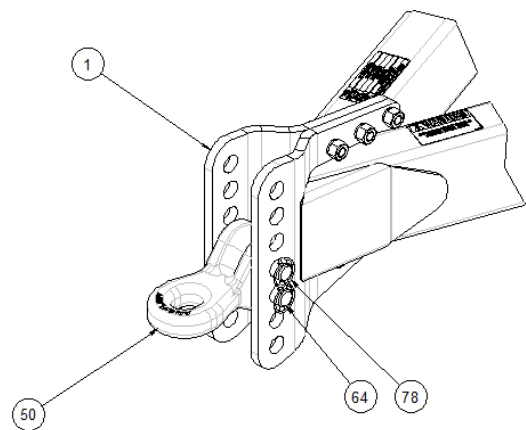




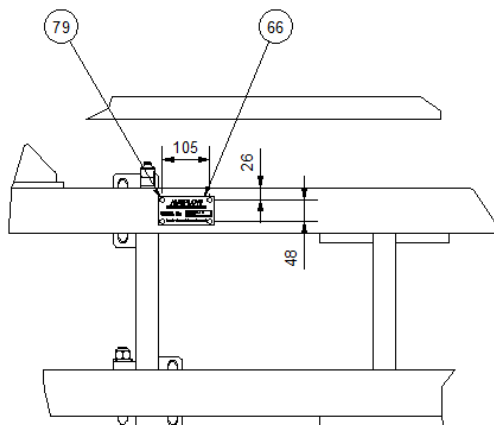
DETAIL G



DETAIL J



DETAIL I



VIEW H

NOTE : DRILL 4 HOLES $\phi 4.2$ TO FIX SERIAL No
PLATE WITH HAMMER DRIVE SCREWS

4.1 Auseeder Bar - Generic 5 Frame Assembly Parts

Item	Qty	Part No	Description
1	1	+	DRAWBAR COMPLETE
2	6	32895	DECAL WARNING STAND CLEAR WHEN LIFTING & LOWERING
3	1	32083	DECAL TYRE PRESSURE 400/60 & 385/65 R22.5
4	1	32627	FLOW DIVIDER MONIFOLD ASSY 90L
5	4	26070	PIN – 32 x 206mm
6	1	+	HYDRAULIC KIT COMPLETE
7	6	27067	ROCKER ASSEMBLY CAST (Replaces 01477 in 2015)
8	2	+	DECAL “MODEL MACHINE”
9	6	28189	WHEEL ADJUSTER LOCK ROD BENT ARM
10,11	+	+	DBS ANGLE BRACE
12	1	+	CENTRE FRAME
13	1	+	WING SUPPORT ARM FRONT RH 90 DEG
14	1	+	WING SUPPORT ARM FRONT LH 90 DEG
15	1	+	WING SUPPORT ARM REAR RH 83 DEG
16	1	+	WING SUPPORT ARM REAR LH 83 DEG
17	1	+	OUTER WING RH
18	1	+	OUTER WING LH
19	1	+	CENTRE ADD ON BAR
20	1	+	OUTER WING ADD ON RH
21	1	+	OUTER WING ADD ON LH
22	1	+	INNER WING RH
23	1	+	INNER WING LH
24	1	+	INNER WING ADD ON RH
25	1	+	INNER WING ADD ON LH
26	1	+	WING SUPPORT ARM RH FRONT
27	1	+	WING SUPPORT ARM LH FRONT
28	1	+	WING SUPPORT ARM REAR RH 90 DEG
29	1	+	WING SUPPORT ARM REAR LH 90 DEG
30	2	01001	CLAMP PLATE - 20L ACCUMULATOR
31	1	01011	PAINT – GREEN 1L
32	12	01019	HINGE PIN
33	4	01020	PIN KIT 25.4 x 185mm INC LYNCH PIN
34	1	11119	LOWER CABLE BRACKET KIT RH
35	1	11120	LOWER CABLE BRACKET KIT LH
36	1	11437	ACCUMULATOR STAND WELDMENT
37	1	01153	JACK ASSY 3T TUBE MOUNT WITH PIN
38	6	11880	PIN - 39 x 207mm HARDENED
39	2	12329	PIN - 31.5 x 116mm (Outer Wing Lift Arm Lower Pin)
40	2	+	HYDRAULIC CYLINDER - OUTER WING LIFT
41	2	+	HYDRAULIC CYLINDER - INNER WING LIFT
42,43,44	+	+	HYDRAULIC CYLINDER PHASING
45	8	12674	PIN SET RAM CLEVIS 1.25" (Outer Wing Lift Arm Upper Pin)

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46	2	+	OUTER WING LIFT ARM
47	2	+	INNER WING LIFT ARM
48	+	+	ANGLE BRACE SHORT
49	1	12837	DECAL CAUTION WING FOLDING 210x75
50	1	12889	TONGUE CAST CAT 4 - 2 x 36mm pins
51	1	+	AXLE ASSEMBLY SINGLE RH
52	1	+	AXLE ASSEMBLY SINGLE LH
53	+	14653	HYDRAULIC HOSE MOUNT CLAMP ASSY - 2 x 1/2" 2 STACKED
54	+	14654	HYDRAULIC HOSE MOUNT CLAMP ASSY - 2 x 1/2"
55	+	+	ANGLE BRACE SHORT RH
56	12	01496	PIN SET RAM CLEVIS 1"
57	4	02999	U BOLT SET - 20L ACCUMULATOR BOLT - M16x234x280mm
58	+	05011	WHEEL NUT - M18
59	12	05005	DEPTH STOP SET (7/8", 1", 1 1/4", 1 1/2")
60	+	+	AXLE ASSEMBLY DUAL RH
61	+	+	AXLE ASSEMBLY DUAL LH
62	6	05098	WHEEL ADJUSTER ASSEMBLY M36
63	4	05121	PIN - 44.45 x 145mm (Drawbar/Frame)
64	2	05123	PIN - 36 x 195mm (Drawbar/Tongue)
65	12	05124	PIN - 30 x 180mm (Wheel Adjuster upper & lower) -cast rocker
		05125	PIN - 30 x 136mm (Wheel Adj Upper for older machines)
66	1	05435	SERIAL No PLATE
67	+	34586	U BOLT SET - M20x102x100mm SS (Replaces 05437)
68	+	34583	U BOLT SET - M20x102x150mm SS (Replaces 05438)
69	1	05486	JACK MOUNT HEAVY WELDMENT
70	9	05539	DECAL "AUSEEDER" 375 x 75
71	8	05540	DECAL " DBS" 222 x 74
72	2	05602	DECAL "AUSPLOW" 500 x 125
73	1	+	CABLE STAY KIT
74	6	05745	DECAL "D - 260" 275 x 75
75	+	08766	WHEEL ASSY 385/65R22.5 LH (Tyre Lug 08765, Rim 05201)
	+	11953	WHEEL ASSY 400/60R22.5 LH (Tyre Flotation 14749, Rim 05201)
76	+	08767	WHEEL ASSY 385/65R22.5 RH (Tyre Lug 08765, Rim 05201)
	+	11952	WHEEL ASSY 400/60R22.5 RH (Tyre Flotation 14749, Rim 05201)
77	6	09032	R-CLIP - 3mm WIRE
78	+	09038	LYNCH PIN 11 x 50mm
79	4	09227	HAMMER DRIVE SCREW
80	24	09045	BOLT M24 x 120mm - ZP - GRADE 8.8
81	24	09029	WASHER FLAT M24
82	24	09523	NUT M24 CONELOCK
83	+	09261	BOLT-M20 x 65mm HEX-GR8.8-ZP
		09046	BOLT M16 x 60mm (pre 2017)
84	+	09042	WASHER SPRING M20 ZP
		09048	WASHER SPRING M16 (pre 2017)
85	+	09389	NUT M20 C10 ZP
		09047	NUT M16 (Pre 2017)
86	+	09298	BOLT M12 x 50 GR8.8 ZP

87	+	09684	BOLT M12 x 45mm
88	+	09009	NUT M12 C8 ZP CONELOCK
89	+	09349	BOLT M12 x 65 ZP
90	+	09254	BOLT HEX M8 x 25mm - ZP
91	+	09066	WASHER SPRING M8 ZP
92	+	09582	BOLT 1 1/4 x 6" UNC G8 ZP
93	+	09539	WASHER FLAT M30 ZP
94	+	09566	NUT 1 1/4" UNC NYLOCK ZP

+ DEPENDS ON MACHINE MODEL (see chapter 1 for details)



#01030 Wing Hinge
Two required to make a Hinge Assy.

#01019 Wing Hinge Pin



#27067 Cast Rocker Assembly

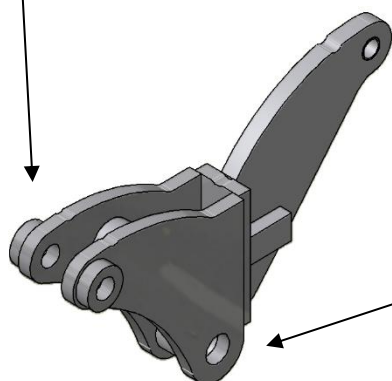
Replaces Rocker #01477 and HD Rocker #11275 in 2015

Does not have or require bush

#01496 Pin Set Ram Clevis

#11880 Pin 39 x 207mm HARDENED
Replaces #11298

#05124 Pin 30x180mm



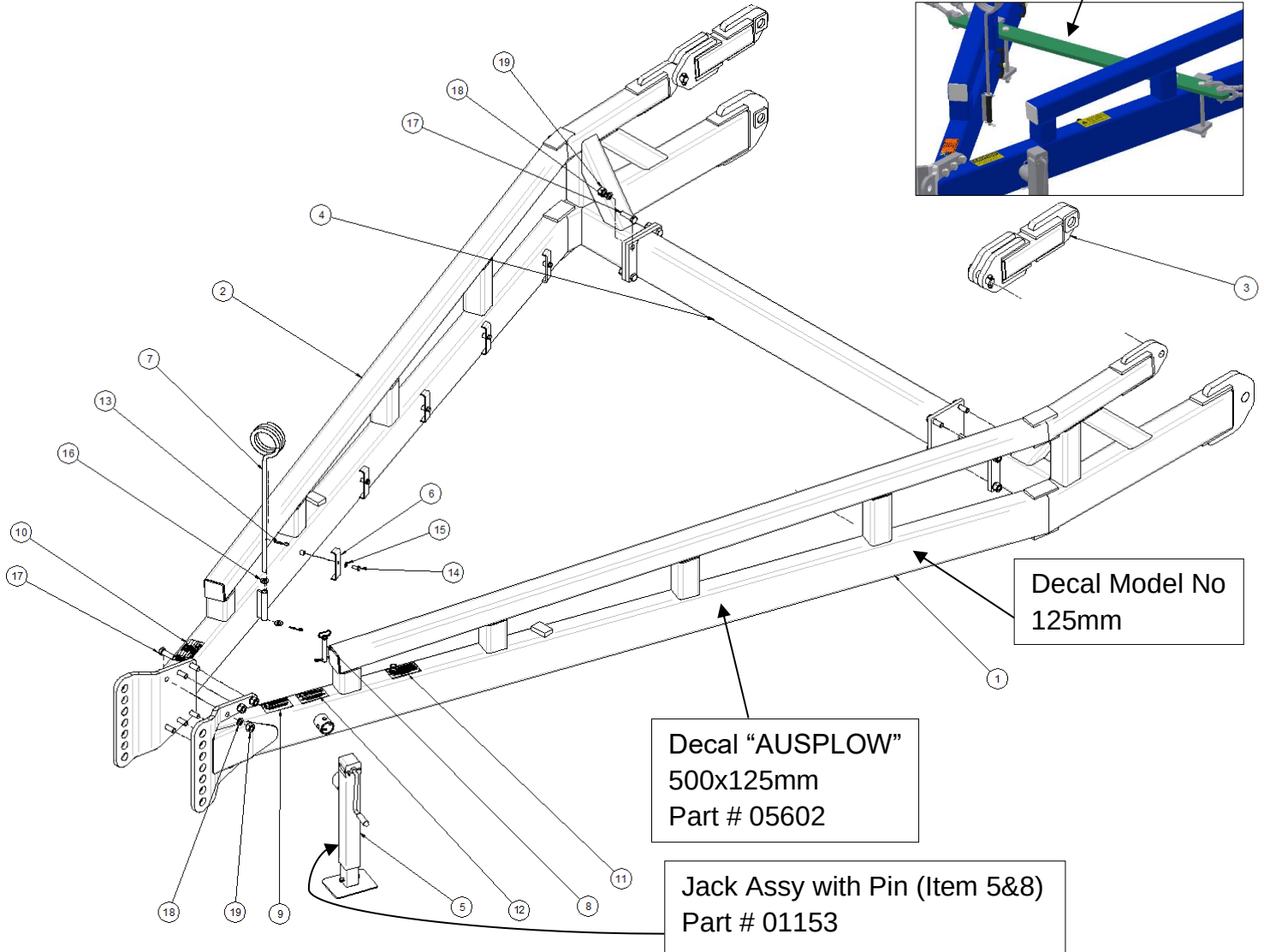
HD Rocker #11275
Up to 2015

#01447 Bush 25 x 30 x 25.5mm

#11880 Pin 39 x 207mm HARDENED
Replaces #11298

5.0 DBS Drawbar Assembly Generic

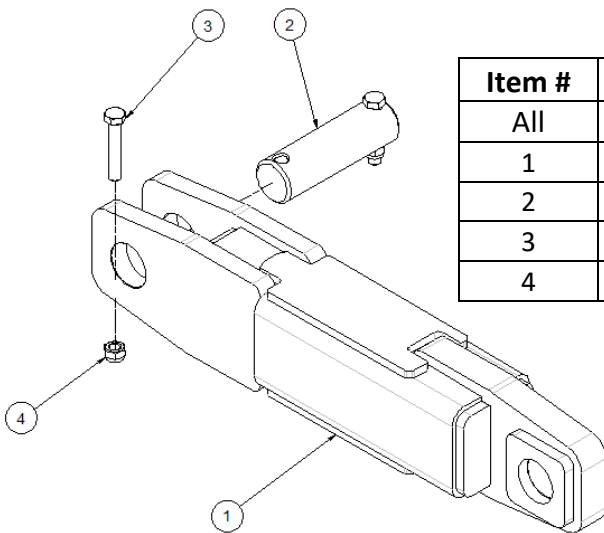
5.1 Series II Active Drawbar (Mid 2022 onwards)



Item #	Qty	Part No	Description
1	1	See Frame List	DRAWBAR ARM LH (Approx 550x60x75cm 330 kg)
2	1	See Frame List	DRAWBAR ARM RH (Approx 550x60x75cm 330 kg)
3	2	34245	RIGID LINK KIT – Current
	2	34159	RIGID LINK KIT – Old
4	1	See Frame List	DRAWBAR CROSSMEMBER
5	1	NSS	3T JACK – TUBE MOUNT (NO PIN)
6	5	05129	HYDRAULIC HOSE CLAMP
7	1	05303	HOSE SUPPORT 675mm LG
8	1	05829	JACK MOUNT PIN 5/8"
9	1	26179	DECAL CHOCK MACHINE WHEELS
10	1	28129	DECAL HYD HOSE CONNECTIONS
11	1	12651	DECAL CAUTION CABLE TENSION

12	1	07507	DECAL CAUTION BACK HEAVY
13	2	09032	R CLIP 3mm WIRE
14	5	09228	BOLT M12 x 25mm
15	5	09010	WASHER SPRING M12
16	2	09023	WASHER FLAT M16
17	14	09261	BOLT M20 x 65mm
18	14	09042	WASHER SPRING M20
19	14	09041	NUT M20

5.2 Rigid Link Kit - Series II Active Drawbar



Item #	Qty	Part No	Description
All	1	34245	RIGID LINK KIT ACTIVE DB
1	1	34216	RIGID TOP LINK ASSY
2	1	05121	PIN - 44.45 x 145mm
3	2	09349	BOLT M12 x 65mm
4	2	09009	NUT M12 CONELOCK

Please note:

Rigid Link Kit #34159 (old type) was fitted to the following machines:

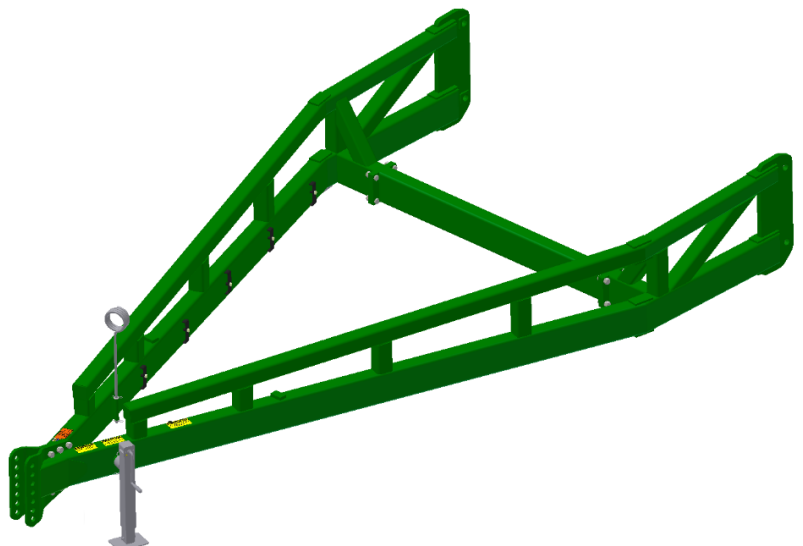
DBS1710, DBS1774 & DBS1778

Please contact Ausplow Parts department before ordering Rigid Link Kit parts for above machines.

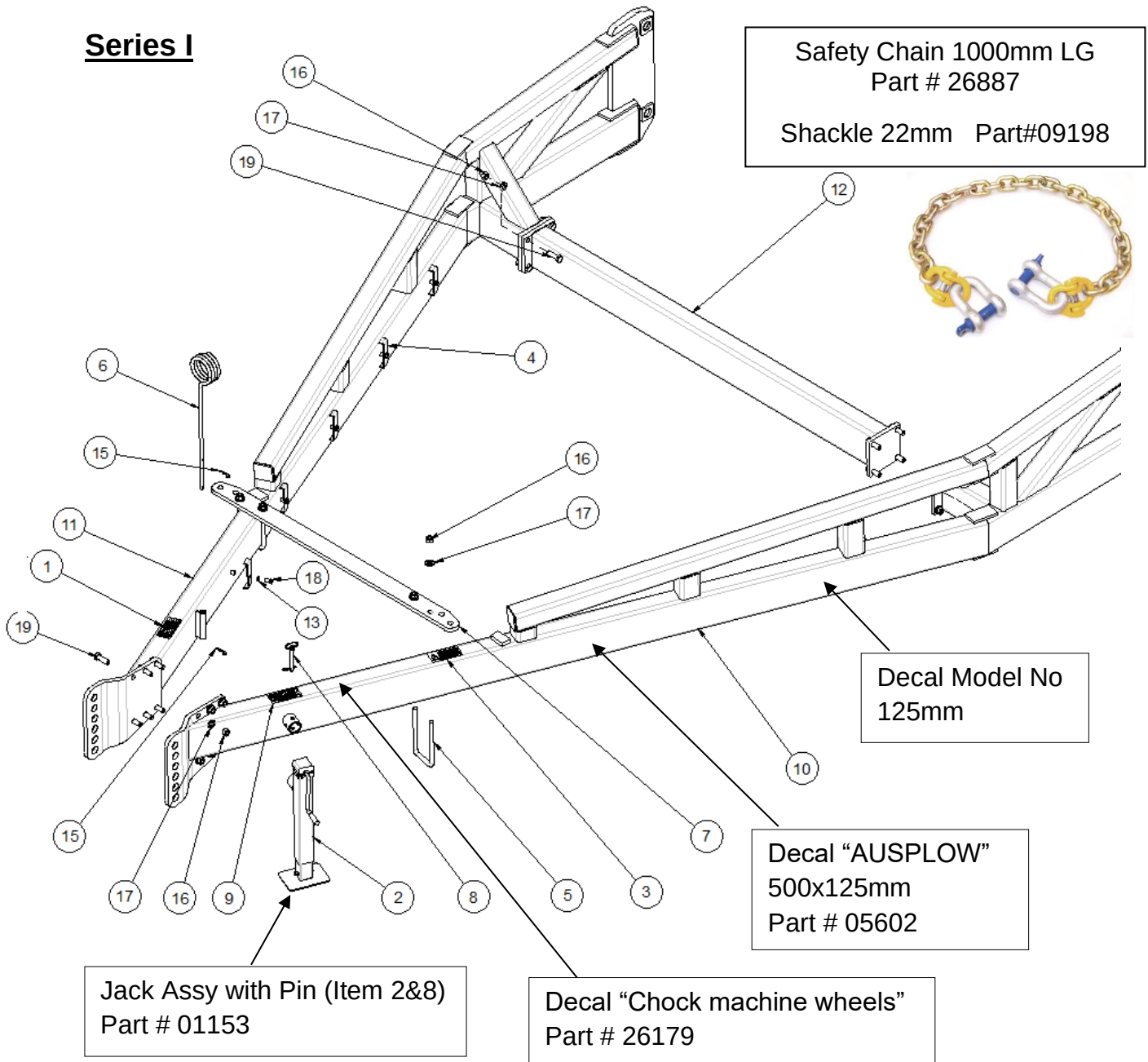
5.3 Series II Non - Active Drawbar (2021- Mid 2022)

These had extended top rails and the 7 hole hitch plates.

They have now been replaced by the Active Drawbars. When ordering replacement active drawbars for these bars, the Rigid Link Active Drawbar Kit #34245 is also to be ordered for each arm.



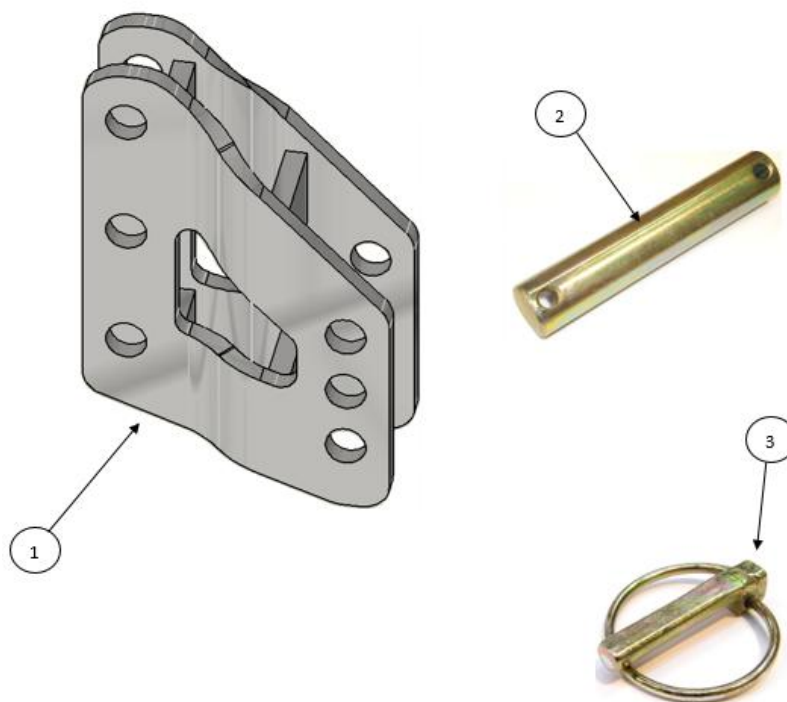
5.4 Series I Non - Active Drawbar (up to 2021)



Item #	Qty	Part No	Description
1	1	28129	DECAL HYD HOSE CONNECTIONS
2	1	12243	3T JACK – TUBE MOUNT (NO PIN)
	1	01153	3T JACK ASSY c/w PIN
3	1	12651	DECAL CAUTION CABLE TENSION
4	5	05129	HYDRAULIC HOSE CLAMP
5	2	05858	CABLE SUPPORT U BOLT

6	1	05303	HOSE SUPPORT 675mm LG
7	1	See Frame List	CABLE BRACKET
8	1	05829	JACK MOUNT PIN 5/8"
9	1	07507	DECAL CAUTION BACK HEAVY
10	1	See Frame List	DRAWBAR FRAME LH
11	1	See Frame List	DRAWBAR FRAME RH
12	1	See Frame List	DRAWBAR CROSSMEMBER
13	5	09010	WASHER SPRING M12
14	1	09023	WASHER FLAT M16
15	2	09032	R CLIP 3mm WIRE
16	18	09041	NUT M20
17	18	09042	WASHER SPRING M20
18	5	09228	BOLT M12 x 25mm
19	14	09261	BOLT M20 x 65mm

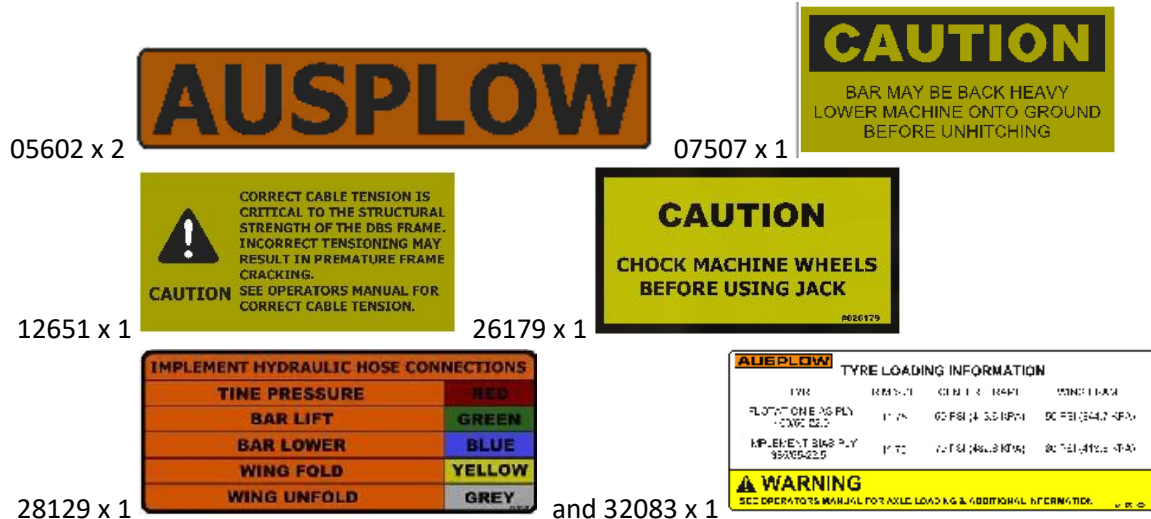
5.5 Low Tractor Drawbar Kit



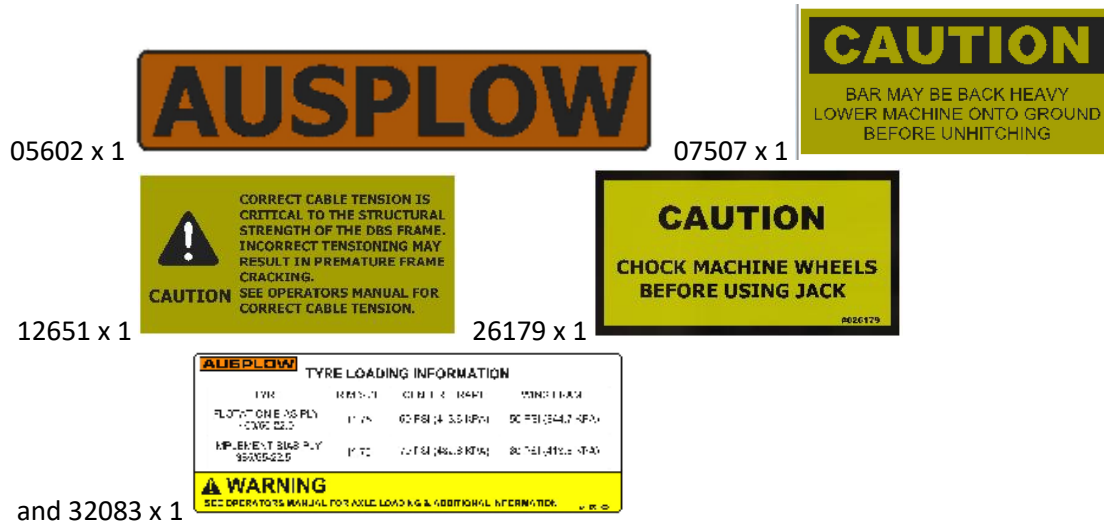
Item #	Qty	Part No	Description
All	1	02413	LOW TRACTOR DRAWBAR KIT
1	1	27436	DRAWBAR ADAPTOR LOW TRACTOR
2	2	05123	PIN 36 x 195mm
3	4	09038	LYNCH PIN 11 x 50mm

5.6 Drawbar Arm Decal Sets

03250 Decal Set for both LH & RH Drawbar Arms which contains:



03251 Decal Set for LH Drawbar which contains:



03252 Decal Set for RH Drawbar which contains:



In addition to the Drawbar Decal Sets listed above the machine model number decal is also be required for each LH and RH drawbar:

28040	Decal "D260-24" 125mm
28041	Decal "D260-28" 125mm
28042	Decal "D260-32" 125mm
28043	Decal "D260-36" 125mm
28044	Decal "D260-42" 125mm
28045	Decal "D260-48N" 125mm
28046	Decal "D260-48E" 125mm
28047	Decal "D260-54" 125mm
28048	Decal "D260-60" 125mm
28049	Decal "D260-59" 125mm
28050	Decal "D260-64" 125mm
28051	Decal "D260-70" 125mm
28052	Decal "D300-32" 125mm
28053	Decal "D300-36" 125mm
28054	Decal "D300-40" 125mm
28055	Decal "D300-44" 125mm
28056	Decal "D300-46" 125mm
28057	Decal "D300-48" 125mm
28058	Decal "D300-49" 125mm
28059	Decal "D300-51" 125mm
28060	Decal "D300-50" 125mm
28061	Decal "D300-55" 125mm
28062	Decal "D300-61" 125mm
28063	Decal "D300-60T" 125mm
28064	Decal "D381-28" 125mm
28065	Decal "D381-32" 125mm
28066	Decal "D381-36" 125mm
27228	Decal "D260-46N" 125mm
27229	Decal "D260-46E" 125mm
35117	Decal "D260-66" 125mm

5.7 Drawbar Tongues Hitch Cushions

#14168 HITCH CUSHION Cat4



#14167 HITCH CUSHION Cat5



6.0 Drawbar Tongues – Auseeder/Easitill & Multisteam Bins

01050 - From first bars through the S-Series.

05115 – E, N, & D-Series, Cat 4 hitch – Replaced by 12889

05329 - As 05115, but extended for extra height adjustment.

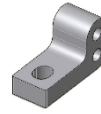
12760 - First Multistreams Cat 5 hitch – Replaced by 14689

12889 – Standard DBS tongue Cat 4 hitches with 36mm pins.

12890 – MS tongue for all Cat 5 hitches with 39mm pins.

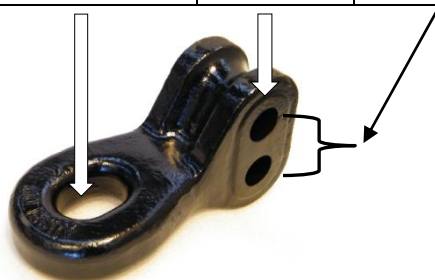
14689 - DBS tongue for all Cat 5 hitches with 36mm pins (Cat4)

14690 - MS tongue for all Cat 4 hitches with 39mm pins (Cat5)



Part No	Cat.	Tow Pin Hole Size	Mount Pin Hole	Hole Centres	Constr. Type	Available
01050	3	45 x 55	2 x 33	60	FAB	YES
05115	4	54 x 69	2 x 37	60	FAB	NO USE 12889
05329	4	54 x 69	3 x 37	60	FAB	YES
12889	4	52 x 67	2 x 37	60	CAST	YES
12890	5	72 x 87	2 x 40	70	CAST	YES
12760	5-4	72 x 92	3 x 37	60	FAB	NO USE 14689
14689	5-4	72 x 87	2 x 37	60	CAST	YES
14690	4-5	52 x 67	2 x 40	70	CAST	YES

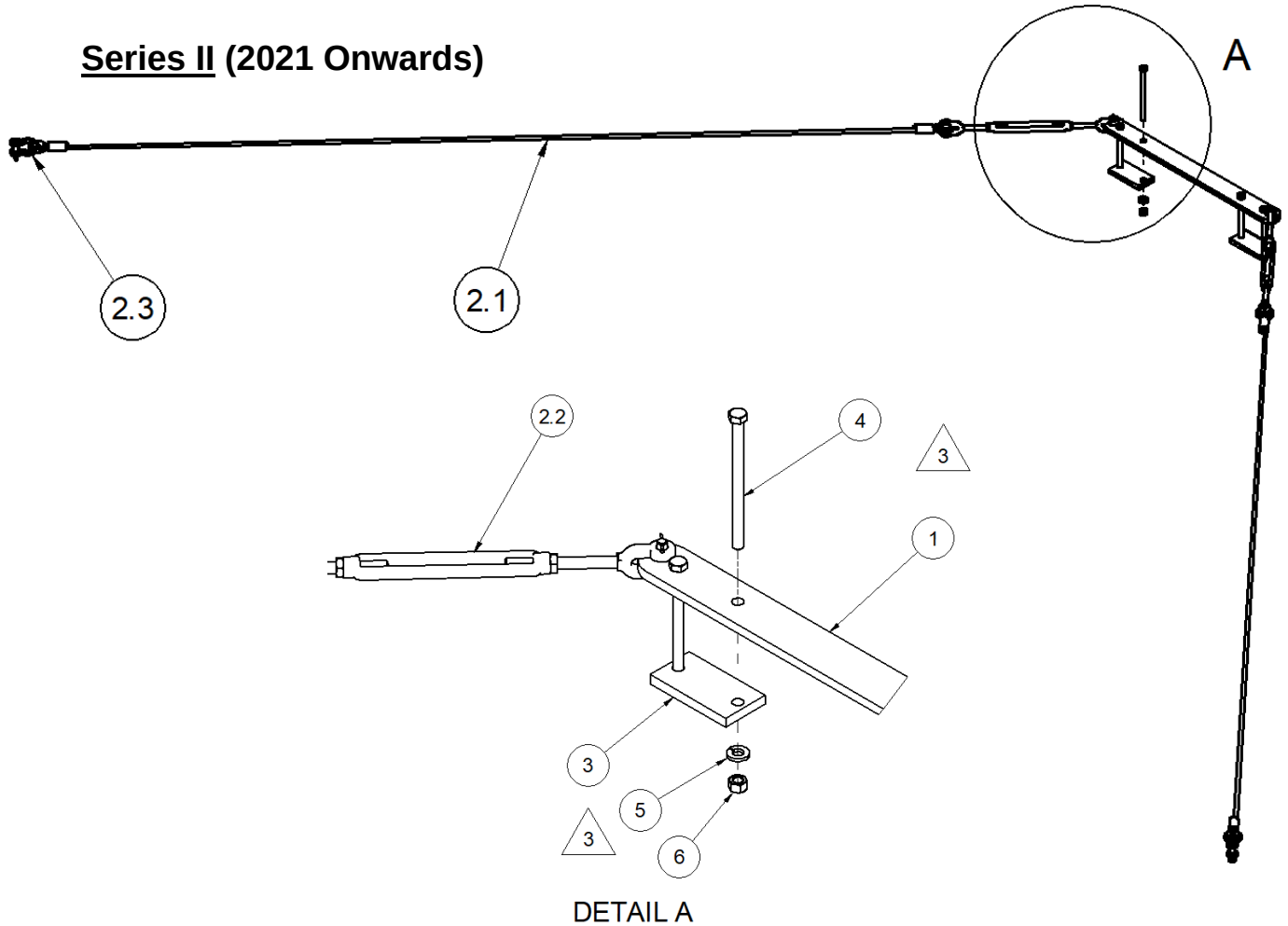
#12889



7.0 Cable Stay Kits - Generic

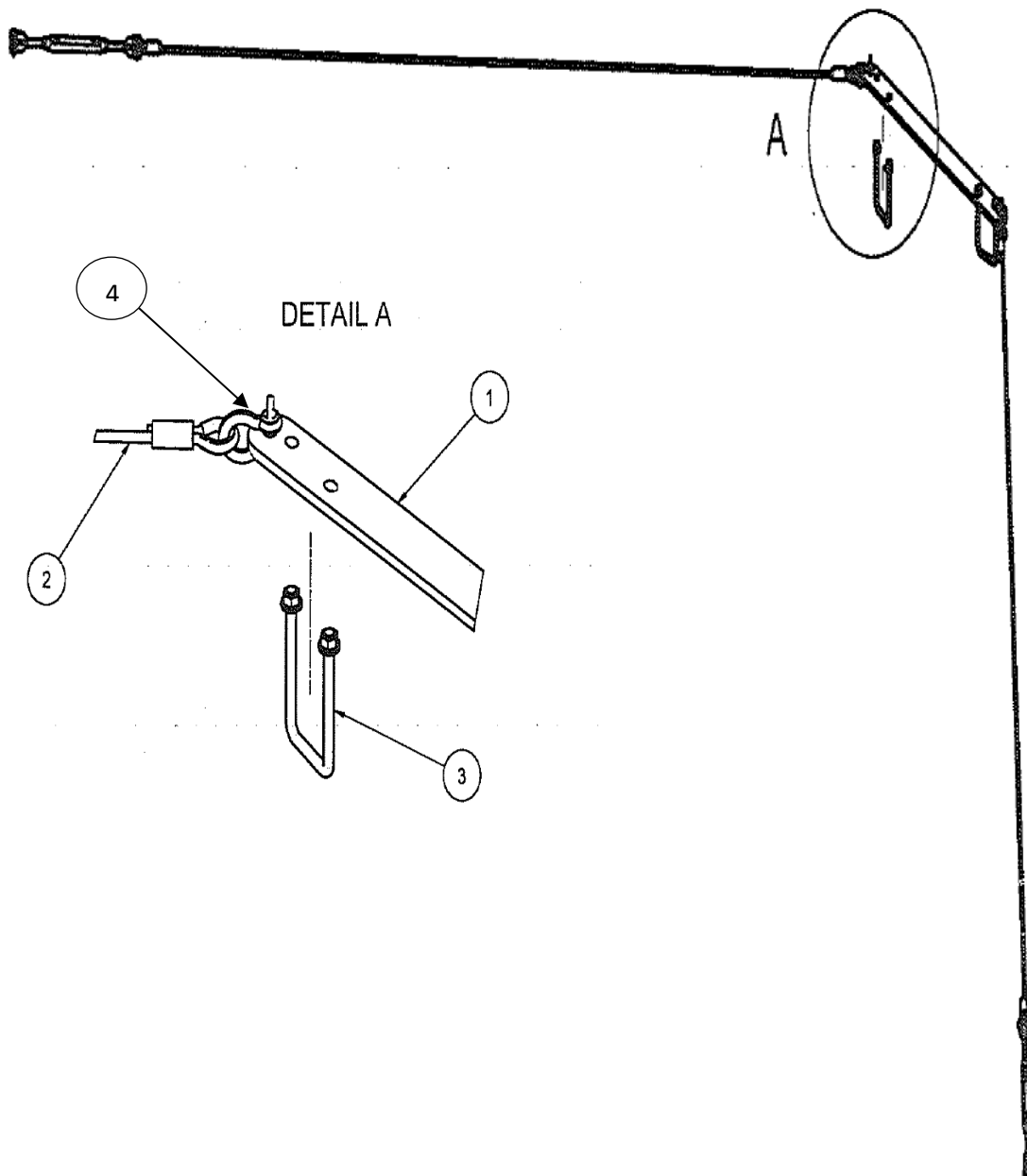
7.1 Cable Stay Kit – 3 Frame

Series II (2021 Onwards)



Item #	Part No	Description
1	*	CABLE BRACKET
2	*	CABLE KIT
2.1	*	CABLE
2.2	05376	TURNBUCKLE
2.3	05394	BOW SHACKLE 4.75 T x 7/8 PIN
3	05337	MOUNTING PLATE
4	09360	BOLT M20 x 280mm
5	32754	WASHER SPRING M20
6	09332	HEX NUT M20
*		SEE CABLE STAY KIT TABLE Chapter 8

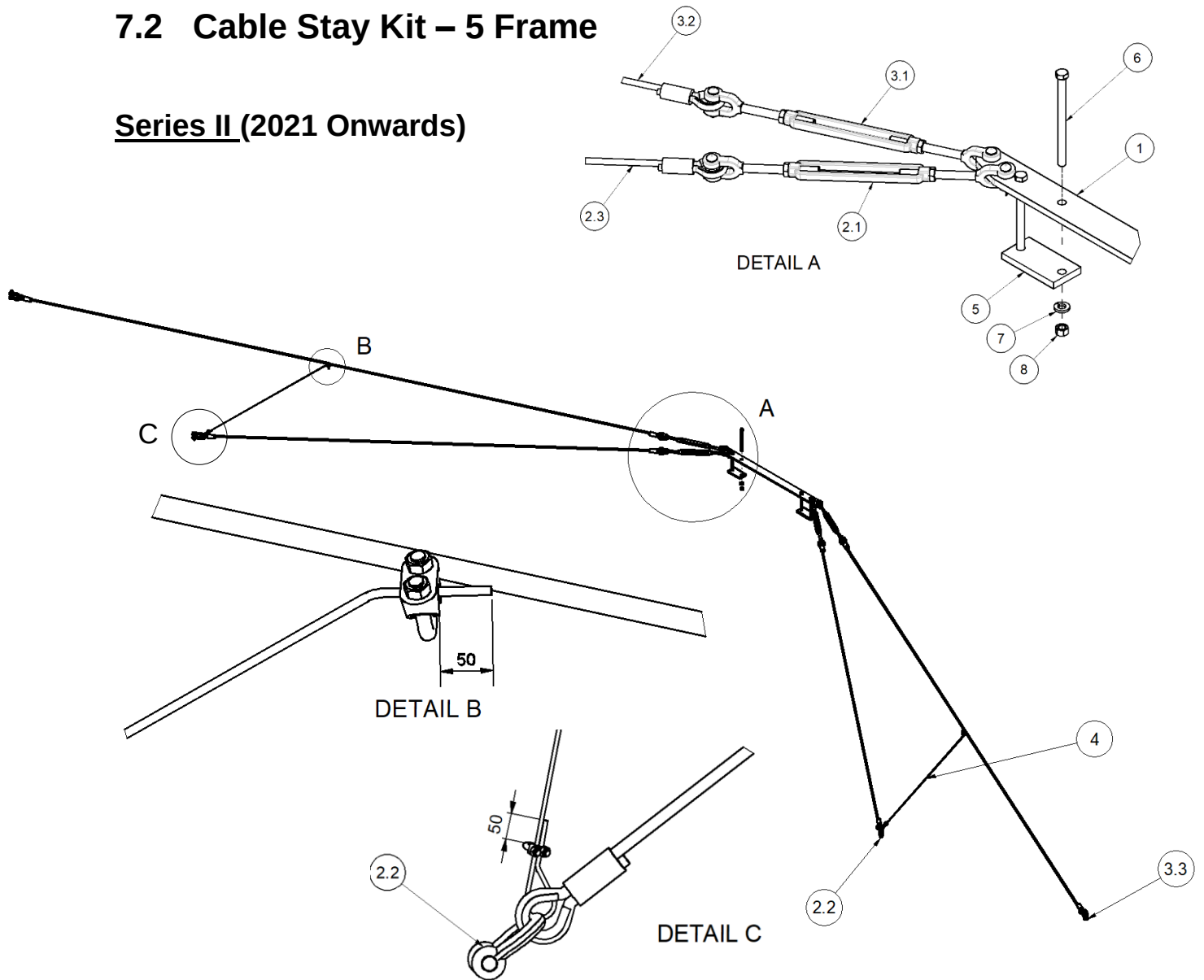
Series I



Item #	Part No	Description
1	*	CABLE BRACKET
2	*	CABLE with eyelets
3	05858	U BOLT SET M20 x 110 x 245mm
4	05394	BOW SHACKLE 4.75 T x 7/8 PIN
*		SEE CABLE STAY KIT TABLE Chapter 8

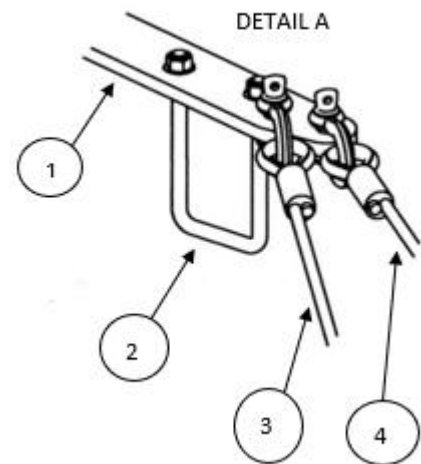
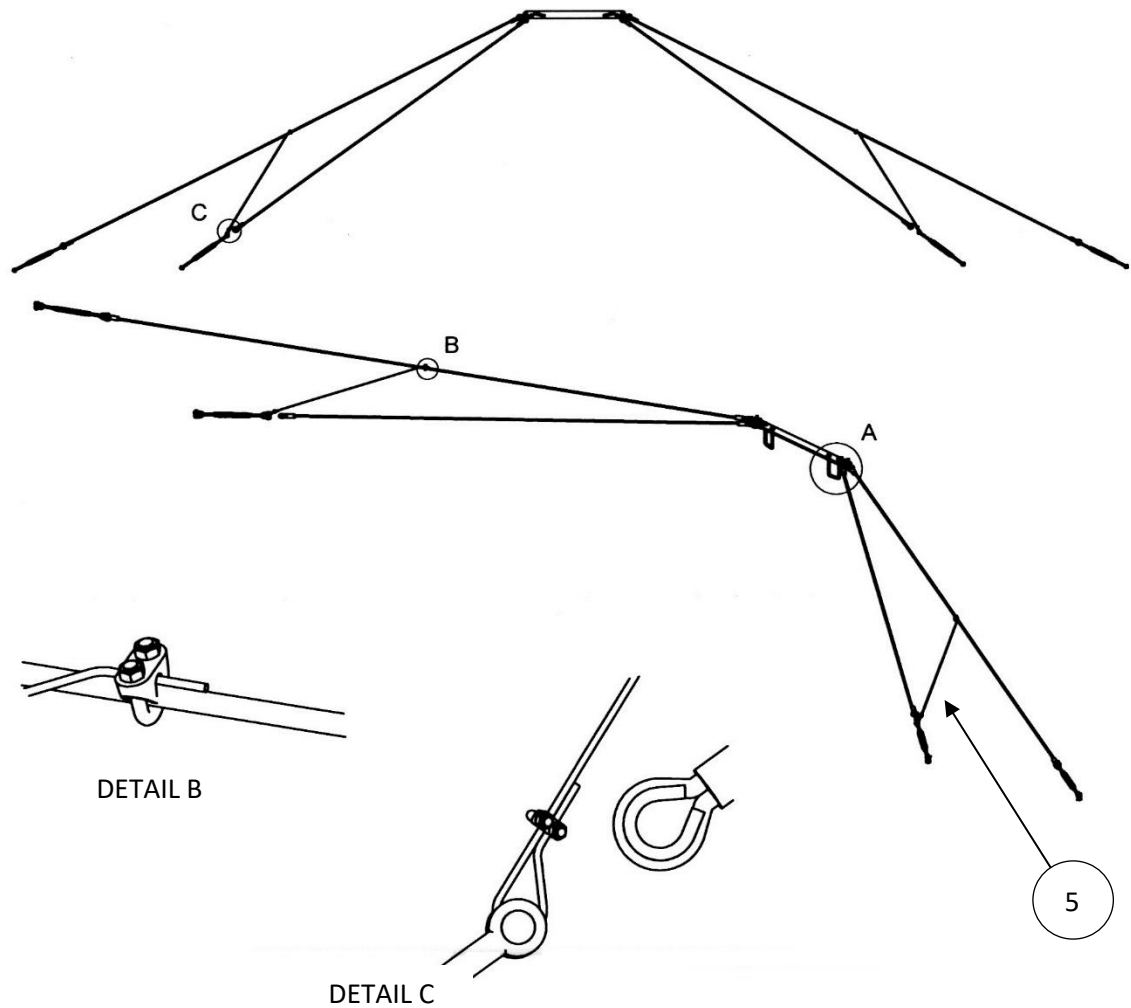
7.2 Cable Stay Kit – 5 Frame

Series II (2021 Onwards)



Item #	Part No	Description
1	*	CABLE BRACKET
2	*	CABLE KIT INNER
2.1 & 3.1	05376	TURNBUCKLE
2.2 & 3.3	05394	BOW SHACKLE 4.75 T x 7/8 PIN
2.3	*	CABLE - INNER
3	*	CABLE KIT OUTER
3.2	*	CABLE - OUTER
4	*	CABLE FOLDING SUPPORT
5	05337	MOUNTING PLATE (For series II machines)
6	09360	BOLT M20 x 280mm
7	32754	WASHER SPRING M20
8	09332	HEX NUT M20
*	SEE CABLE STAY KIT TABLE Chapter 8	

Series I

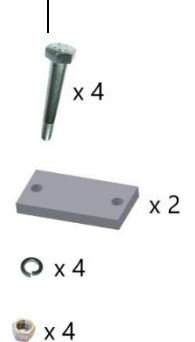
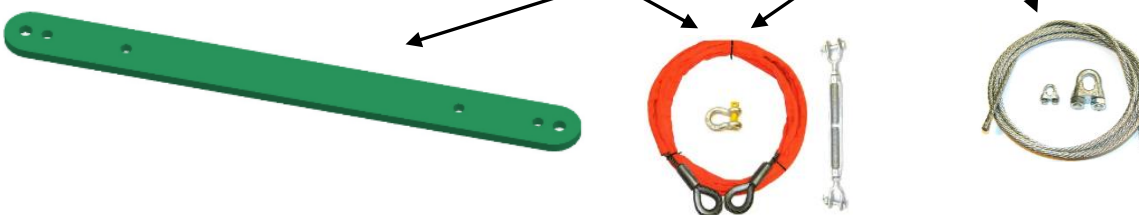


Item #	Part No	Description
1	SEE TABLE IN Chapter 2	CABLE BRACKET SERIES I
2	05858	U BOLT SET (Series I machines) M20 x 110 x 245mm
3	*	CABLE KIT INNER
4	*	CABLE KIT OUTER
5	05687	CABLE SUPPORT SET - 1 SIDE
*	SEE CABLE STAY KIT TABLE Chapter 8	

8.0 Cable Stay Kit Table – Series II

Please Note: In 2021 Series II DBS bars have new type cable brackets with plate and fasteners. **Cable Stay kit part numbers are the same for both Series I and II.** Refer to list in Chapter 2 for Series I DBS bar (up to 2020) Cable Brackets.

Bar Model	Cable Stay Kit	Cable Kit Inner	Cable Bracket Series II	Cable Kit Outer	Cable Support Kit	Cable Bracket Fasteners
260N-32/36	05610 Includes	05622 x2	33755 x1			
260N-42/46/48	05611 Includes	05624 x2	33755 x1			
300N-32/36	05612 Includes	05623 x2	33759 x1			
300N-40/44	05613 Includes	05626 x2	33759 x1			
D/E260-48/54/60	05615 Includes	05627 x2	33756 x1			
D/E260-59	11413 Includes	11414 x2	33757 x1	11416 x2	05687 x2	05337 x 2, 09360 x 4, 32754 x 4, 09332 x 4
D/E260-64/66	05616 Includes	05627 x2	33758 x1	05629 x2	05687 x2	
D/E260-70	11092 Includes	05424 x2	33758 x1	05630 x2	05687 x2	
D/E300-43/49/51	05618 Includes	05627 x2	33760 x1			
D300-40/44/46	05613 Includes	05626 x2	33759 x1			
D300-50	26543 Includes	26547 x2	33761 x1			
D/E300-55	05619 Includes	05625 x2	33762 x1	05628 x2	05687 x2	
D300-60T	05621 Includes	05424 x2	33763 x1	30519 x2	05687 x2	
D/E300-61	05620 Includes	05627 x2	33762 x1	05630 x2	05687 x2	
D381-32	14741 Includes	05424 x2	33757 x1			
D381-48	14657 Includes	05775 x2	33757 x1			



8.1 Cable Kits

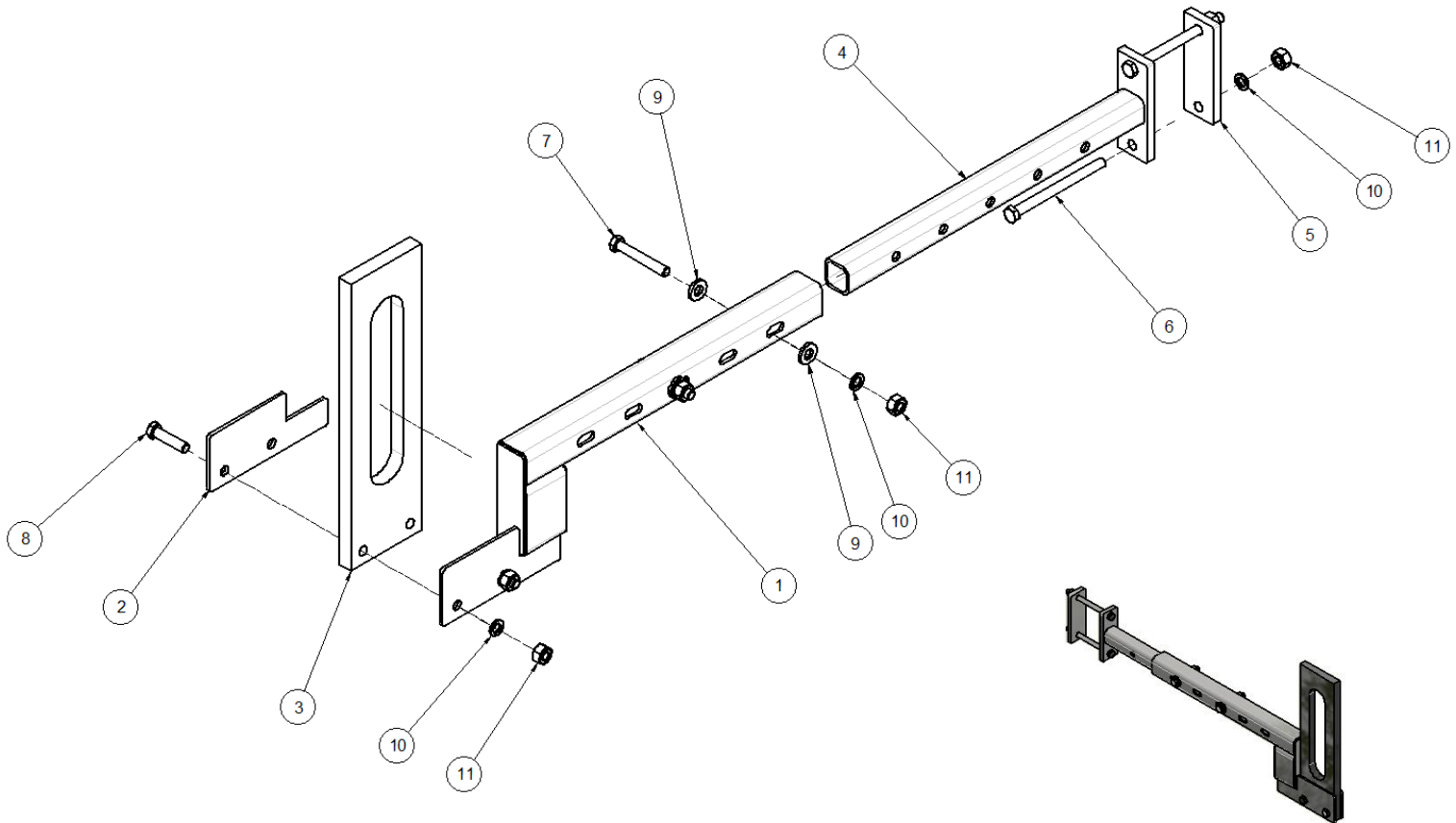
Part No	Description	Cable	Cable Length	Shackle 05394	Turnbuckle 05376
05622	Cable Kit 5.0m	05631 x 1	4.08m	x 1	x 1
05623	Cable Kit 5.3m	05632 x 1	4.47m	x 1	x 1
26547	Cable Kit 5.37m	26548 x 1	4.54m	x 1	x 1
05624	Cable Kit 5.45m	05633 x 1	4.62m	x 1	x 1
05625	Cable Kit 5.55m	05634 x 1	4.72m	x 1	x 1
11093	Cable Kit 5.75m	05418 x 1	4.97m	x 1	x 1
11414	Cable Kit 5.67m	11415 x 1	4.84m	x 1	x 1
05626	Cable Kit 5.85m	05635 x 1	5.02m	x 1	x 1
05424	Cable Kit 5.95m	05419 x 1	5.12m	x 1	x 1
05627	Cable Kit 6.05m	05636 x 1	5.22m	x 1	x 1
05775	Cable Kit 6.32m	05776 x 1	5.49m	x 1	x 1
26546	Cable Kit 7.53m	26545 x 1	6.70m	x 1	x 1
11416	Cable Kit 7.55m	11417 x 1	6.71m	x 1	x 1
05628	Cable Kit 7.85m	05637 x 1	7.02m	x 1	x 1
05629	Cable Kit 8.0m	05638 x 1	7.17m	x 1	x 1
30519	Cable Kit 8.38m	28961 x 1	7.65m	x 1	x 1
05630	Cable Kit 8.60m	05639 x 1	7.77m	x 1	x 1



8.2 Cable Guide Bracket Assy

These cable guides are only used on 5 frame bars outer wings to prevent cables from getting caught up with tine assemblies when the wings are folded.

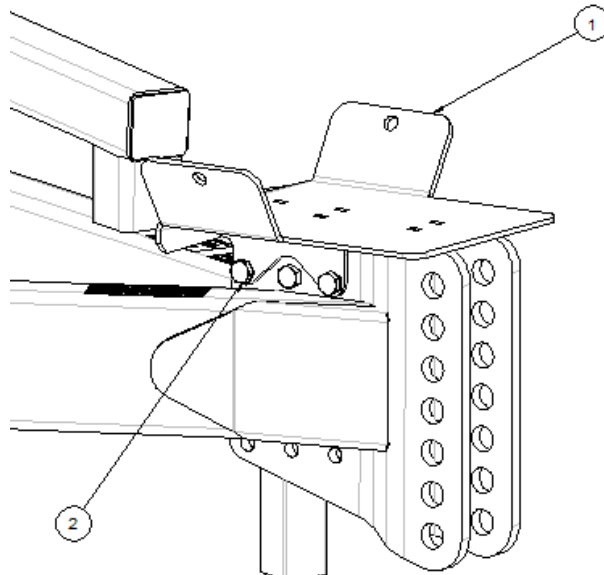
The cable should be centered in the middle of the cable guide rubber which should be in the pointing up direction as shown below.



Item #	Qty	Part No	Description
All	1	34098	CABLE GUIDE BRACKET ASSY
1	1	34097	GUIDE OUTSIDE BRACKET
2	1	34094	RUBBER SUPPORT
3	1	34091	CABLE GUIDE RUBBER
4	1	34089	GUIDE INSIDE BRACKET
5	1	34088	MOUNT PLATE
6	2	09016	BOLT M12 x 150mm
7	2	09230	BOLT M12 x 80mm
8	2	09298	BOLT M12 x 50mm
9	4	09031	WASHER FLAT M12
10	6	09010	WASHER SPRING M12
11	6	09054	NUT M12

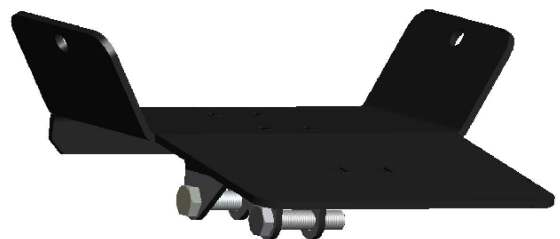
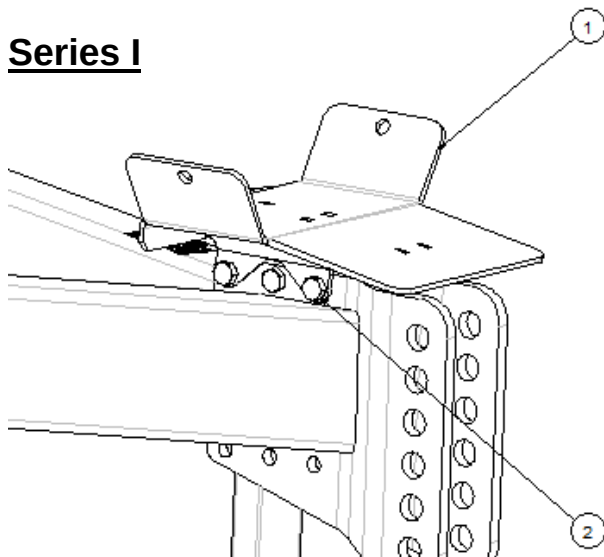
9.0 Drawbar Air Pipe Skid Kit

Series II (2021 onwards)



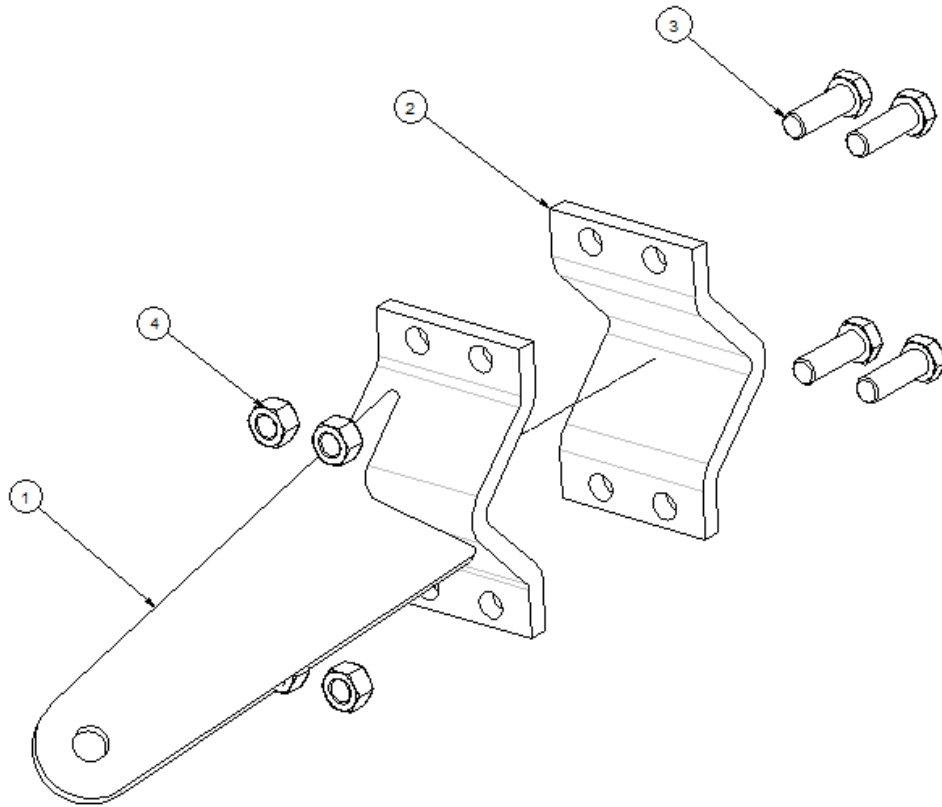
Item #	Qty	Part No	Description
All	1	33751	DRAWBAR AIR PIPE SKID KIT
1	1	33752	DRAWBAR AIR PIPE SKID WELDMENT SERIES II DBS
2	2	09521	BOLT M20 x 90mm

Series I



Item #	Qty	Part No	Description
All	NLA	14449	DRAWBAR AIR PIPE SKID KIT (use 33751)
1	NLA	14446	DRAWBAR AIR PIPE SKID WELDMENT
2	2	09521	BOLT M20 x 90mm

10.0 Lower Cable Bracket Assembly

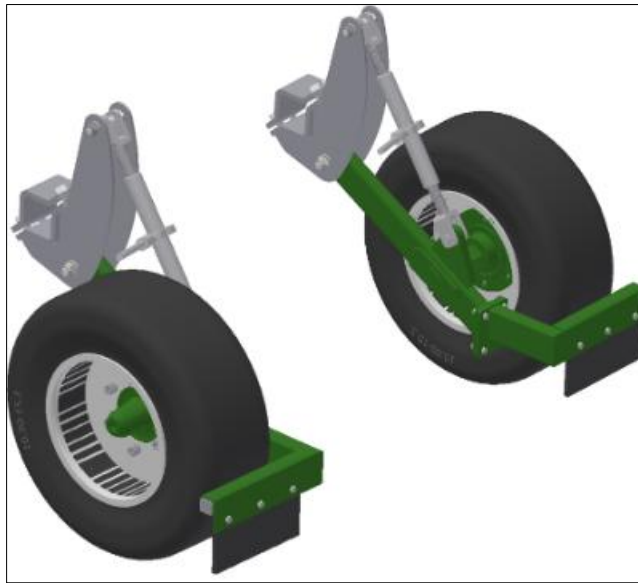


Item #	Qty	Part No	Description
All	1	11120	LOWER CABLE BRACKET ASSY - LH
NS	1	11119	LOWER CABLE BRACKET ASSY - RH
1	1	11116	LOWER CABLE BRACKET LH
NS		11114	LOWER CABLE BRACKET RH
2	1	01162	CLAMP PLATE
3	4	09388	BOLT M20 x 60mm
4	4	09389	NUT M20

11.0 Stability Wheel Kit

These kits are an option to assist in reducing “Wind Up” on the outer wings of 5 frame machines.

#16059 Stability Wheel kit consists of both the left and right-side assembly. They are **NOT** used in conjunction with the Lower Cable Bracket Assemblies.

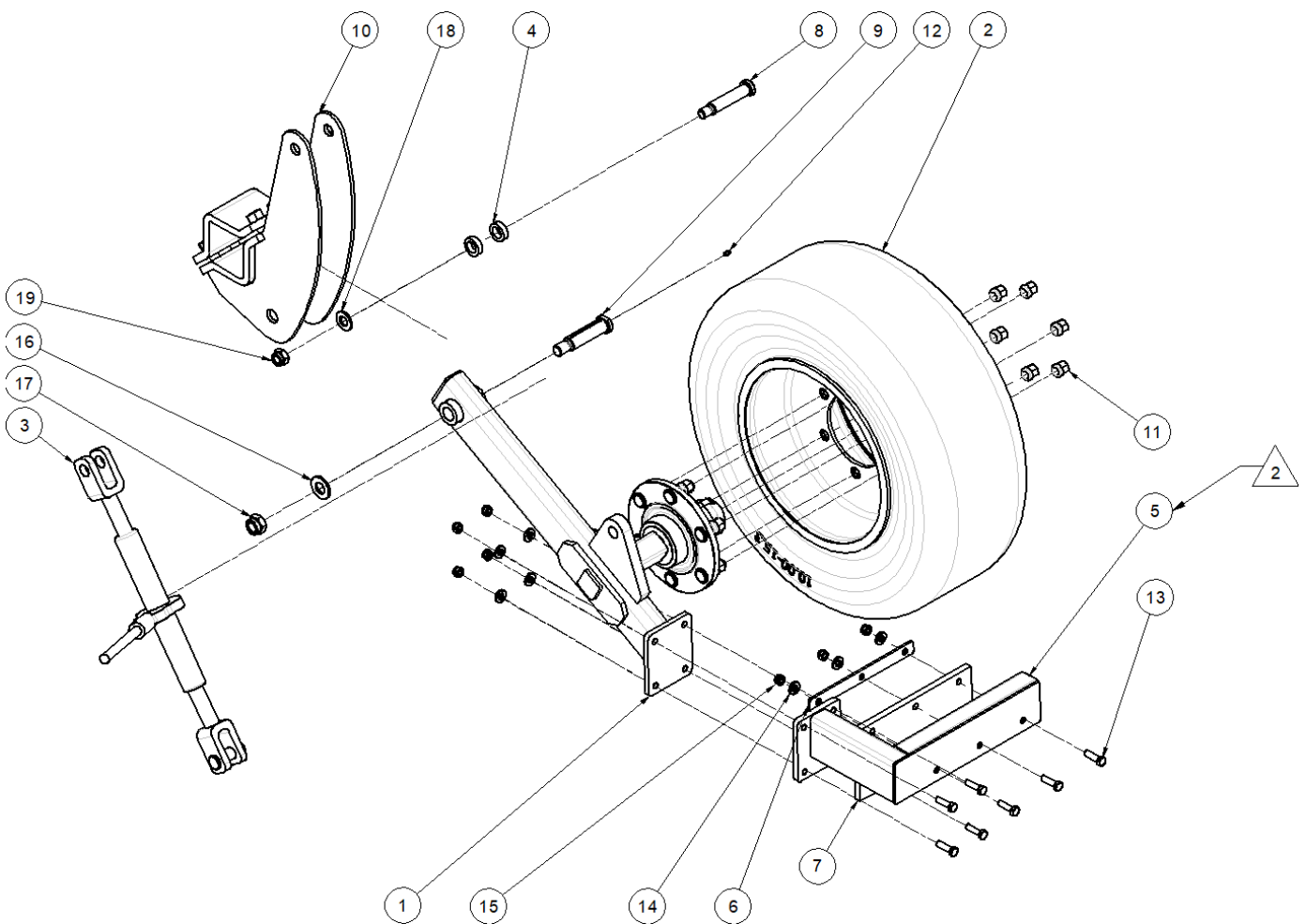


Item #	Qty	Part No	Description
All	1	16059	STABILITY WHEEL KIT
1	1	31463	STABILITY WHEEL KIT LH
NS		31718	STABILITY WHEEL KIT RH
1	1	31437	SUPPORT ARM LH
NS		31717	SUPPORT ARM RH
2	1	31461	WHEEL ASSY 10.0/75-15.3
		31458	TYRE 10.0/75-15.3 18 PLY
		31459	RIM 15.3-9.00 6x18mm Stud 205
3	1	31475	RATCHET RAM ASSY
		01456	Pin Set 25x75mm c/w circlip used as replacement ratchet pin
4	2	31481	UPPER PIVOT SHIM
5	1	31483	STUBBLE GUARD LH
NS		31716	STUBBLE GUARD RH
6	1	31486	STUBBLE GUARD FLAP PLATE
7	1	31487	STUBBLE GUARD FLAP RUBBER
8	1	01179	PIN JUMP CYL BASE

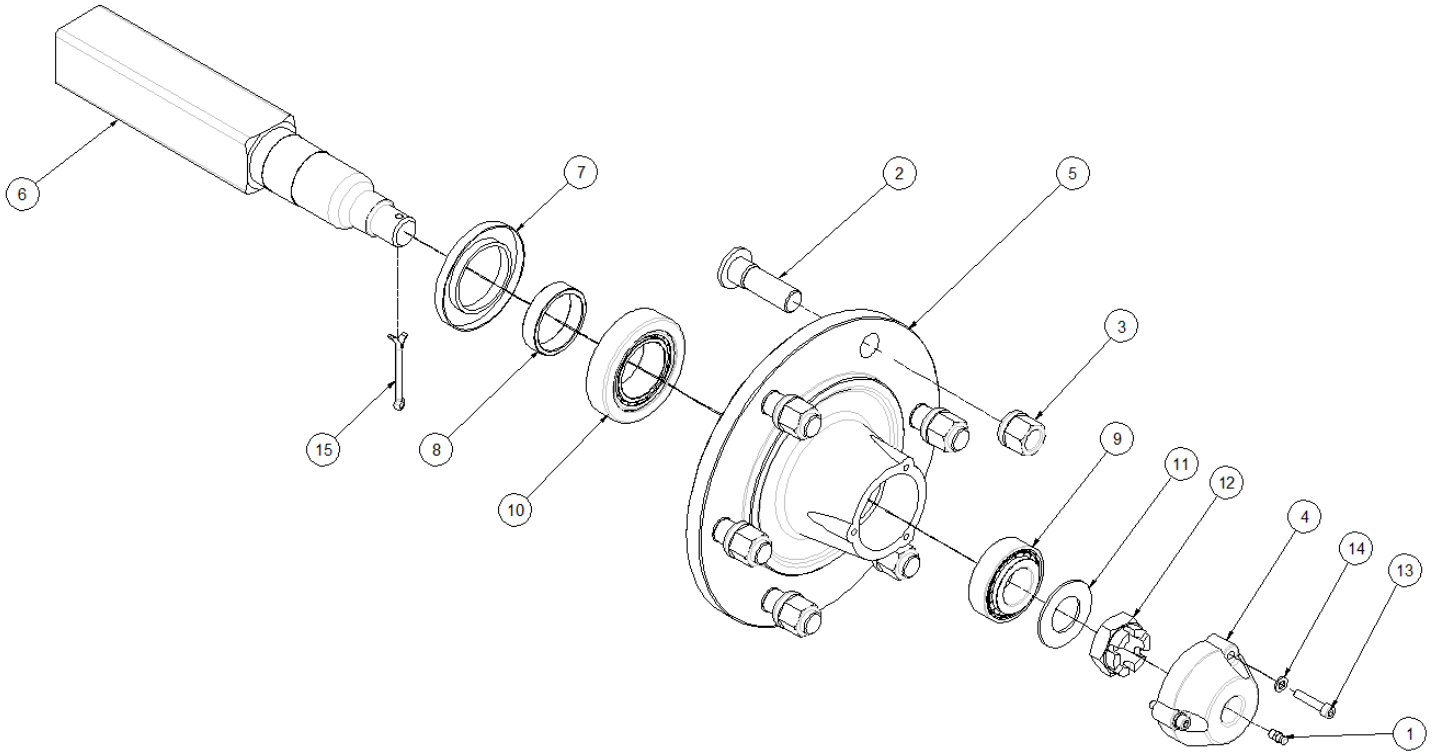
Ausplow DBS Auseeder Spare Parts Manual

9	1	01368	PIN SHANK PIVOT 30mm DIA x 102mm LG
10	1	02205	EASITILL PIVOT BRACKET
11	6	05011	WHEEL NUT M18
12	1	09001	GREASE NIPPLE ¼ BSW
	1	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
13	7	09011	SCREW HEX M12 x 40mm
14	7	09031	WASHER FLAT M12
15	7	09701	NUT M12 Nyloc
16	1	09029	WASHER FLAT M24
17	1	09030	NUT M24 Nylock
18	1	09003	WASHER FLAT M20
19	1	09002	NUT M20 Conelock

Note: Tyre pressure to be set at 65psi.



11.1 Stability Wheel Hub Assembly

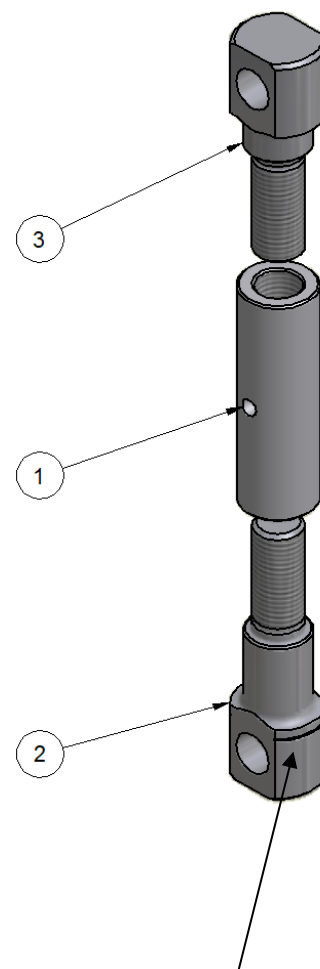
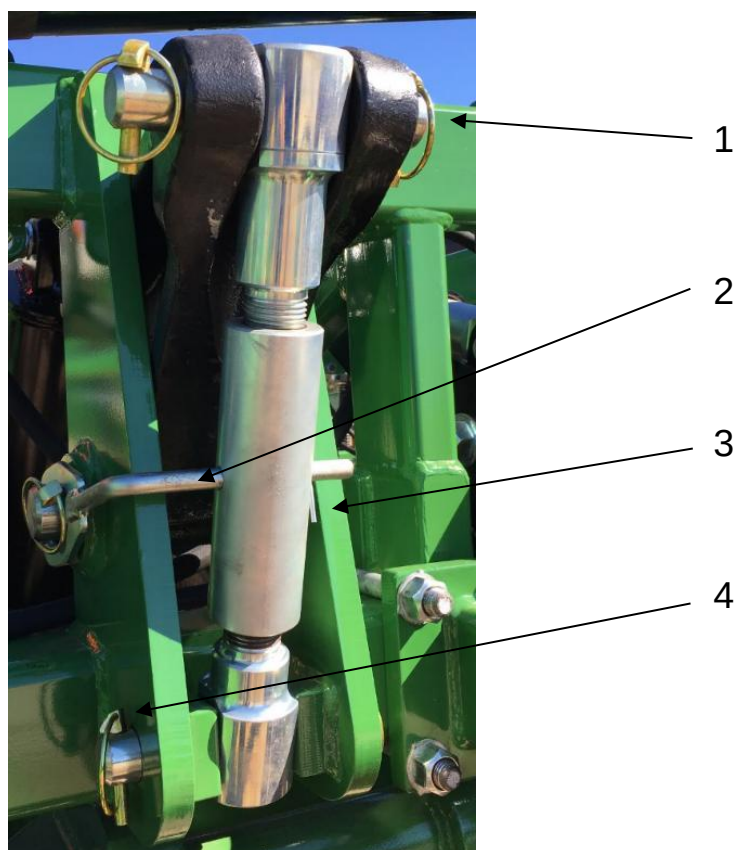


Item #	Qty	Part No	Description
All	1	31448	STABILITY WHEEL HUB ASSEMBLY
1	1	04278	GREASE NIPPLE 6mm STRAIGHT
2	6	05010	WHEEL STUD M18 x 1.5 x 65mm
3	6	05011	WHEEL NUT M18
4	1	05999	HUB DUST CAP – 50 Series
5	1	31445	HUB M/C DRILLED – 50 Series
6	1	31449	STUB AXLE SUIT 50 Series
7	1	31450	HUB SHAFT SEAL
8	1	32609	SEAL RING RING (46x54x13mm)
9	1	32610	BEARING OUTER (30x62x21.25mm)
10	1	32611	BEARING INNER (45x85x24.75mm)
11	1	32612	WASHER 1 1/8" x 2.04mm Thick
12	1	32613	SLOTTED HEX NUT M27 x 2
13	3	32614	SCREW SKT HD CAP M6x30mm
14	3	32615	M6 Rib LOCK WASHER
15	1	32617	SPLIT PIN M5x 55mm

12.0 Wheel Adjuster Assembly

12.1 Wheel Adjuster M36 – Current (Uses 30mm dia Pin)

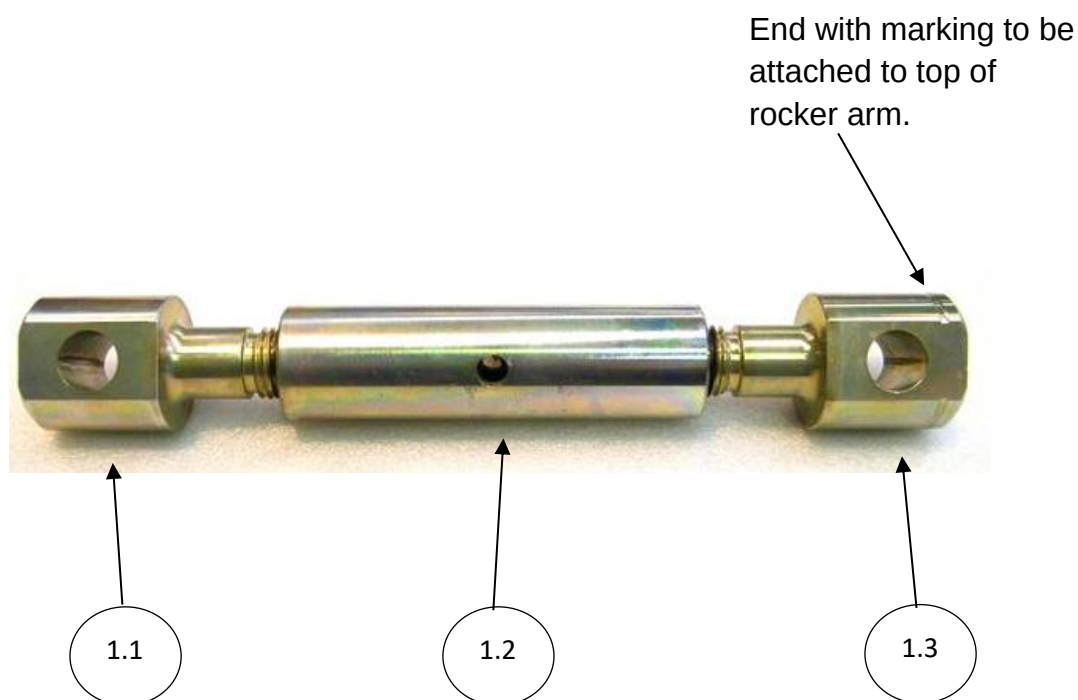
Item #	Part No	Description
All	05098	WHEEL ADJUSTER ASSY – M36 Thread (30mm Pin)
1	05126	WHEEL ADJUSTER CENTRE
2	05127	WHEEL ADJUSTER SCREW – M36LH - (Upper)
3	05128	WHEEL ADJUSTER SCREW – M36RH - (Lower)



End with marking to be attached to top of rocker arm.

Item #	Part No	Description
1	05124	PIN UPPER & LOWER - 30 x 180mm (for cast rocker)
	05125	PIN UPPER - 30 x 136mm – (older machines pre 2015)
2	28189	WHEEL ADJUSTER LOCK ROD
3	09032	R CLIP
4	09038	LYNCH PIN - 11 x 50mm

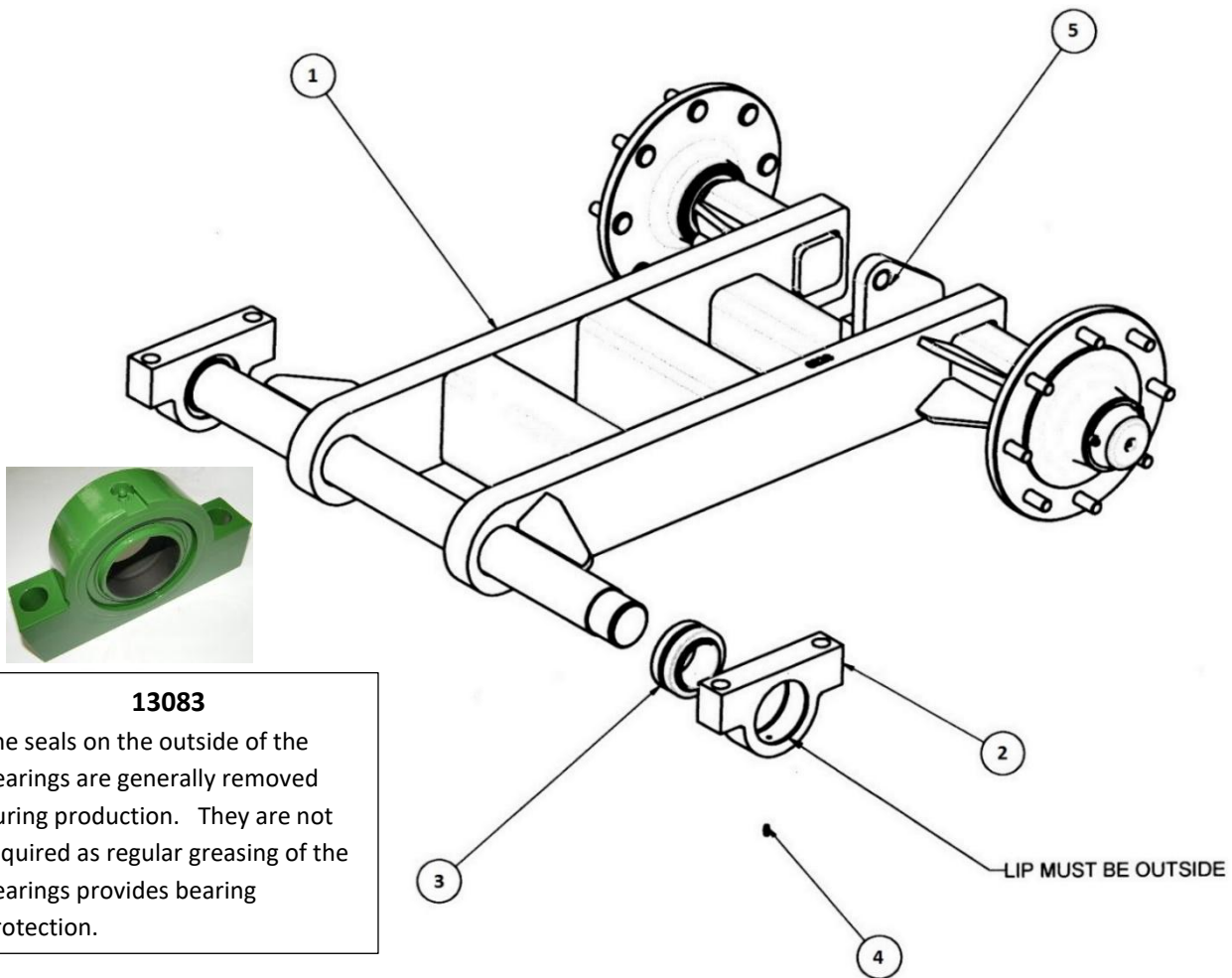
12.2 Wheel Adjuster 1.25" – Older Version (Uses 1"dia Pin)



Item #	Part No	Description
1	01114	WHEEL ADJUSTER ASSY – 1.25" UNC Thread (25mm pin)
1.1	01048	WHEEL ADJUSTER SCREW – 1.25" LH
1.2	01046	WHEEL ADJUSTER CENTRE
1.3	01049	WHEEL ADJUSTER SCREW – 1.25" RH
NS	01022	PIN LOWER - 25 x 180mm
NS	01021	PIN UPPER - 25 x 136mm

13.0 Axle Assemblies

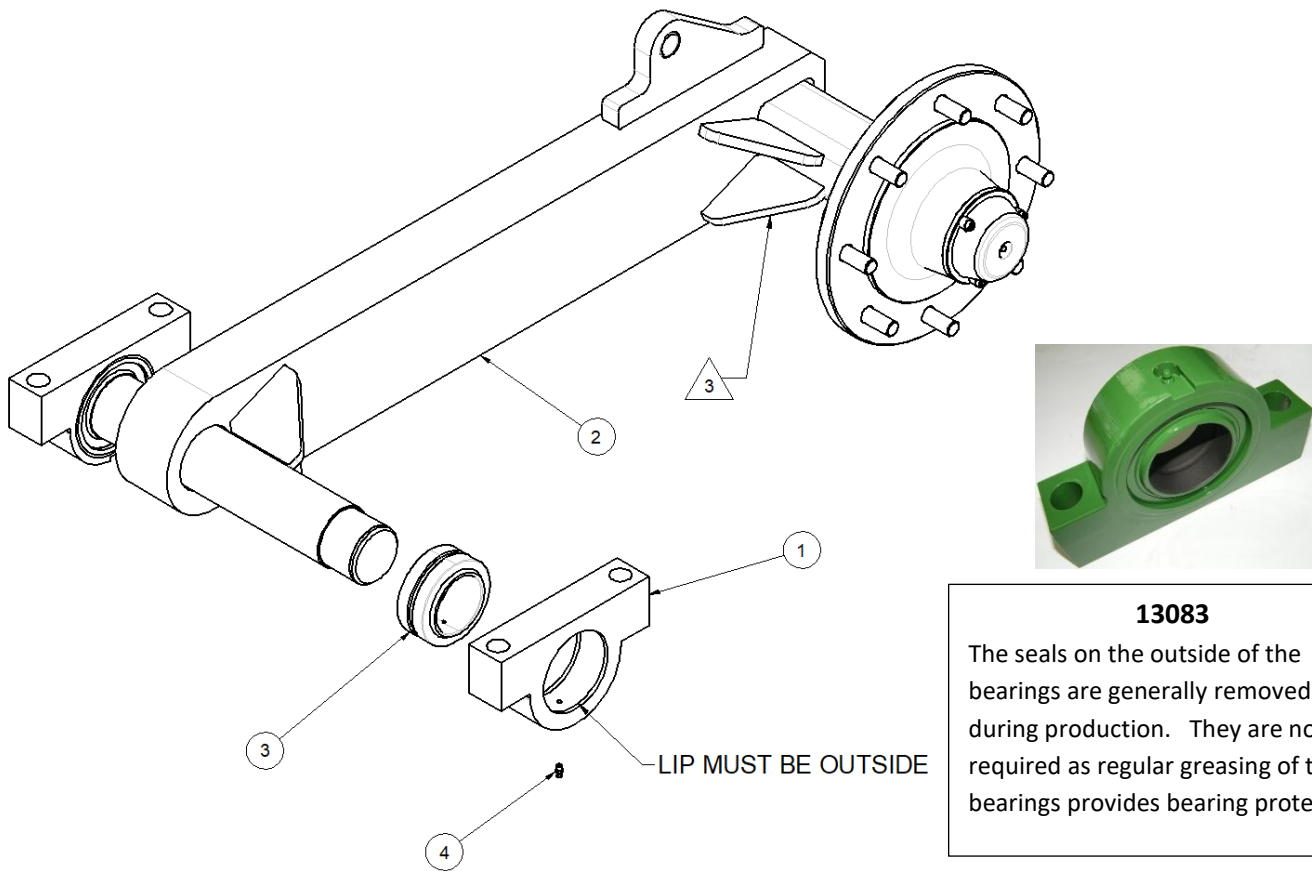
13.1 Axle Assembly – Dual



Item #	Qty	Part No	Description
All	1		AXLE ASSEMBLY DUAL – SEE TABLE BELOW Approx: 120x120x45cm 265kg
2,3 & 4	2	13083	BEARING ASSY
3	2	NSS	BEARING (Sold as 13083 Assy)
4	2	09001	GREASE NIPPLE ¼ BSW
	2	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
5	1	01447	BUSH - 25 x 30 x 25.5mm

DBS Model	Axle Assembly Complete	
	RH	LH
DBS260 (839shaft)	05070	05071
DBS300 (959shaft)	05092	05091

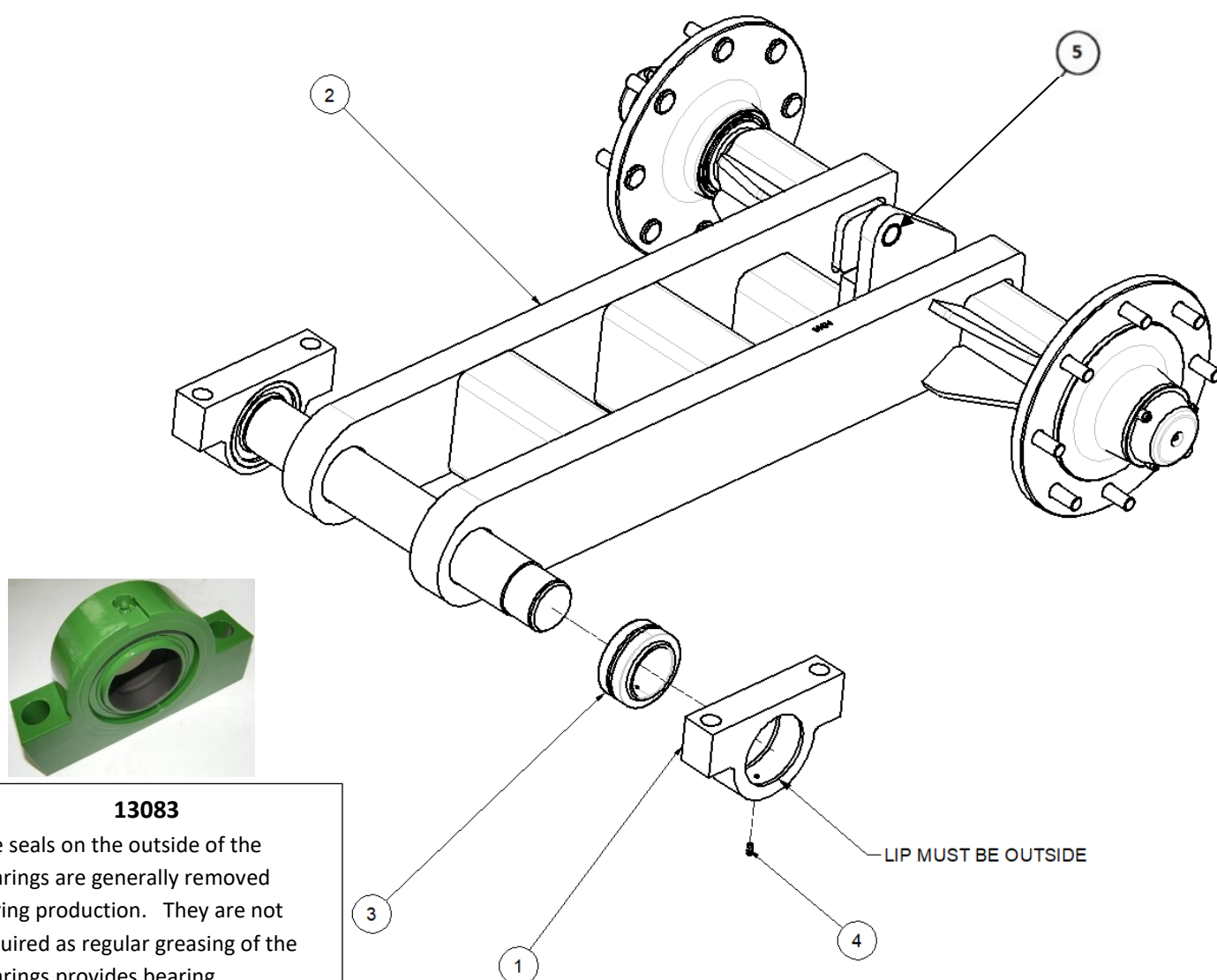
13.2 Axle Assembly – Single Short Shaft



Item #	Qty	Part No	Description
All	1		AXLE ASSEMBLY SINGLE SHORT SHAFT – SEE TABLE BELOW
1,3 & 4	2	13083	BEARING ASSY
3	2	NSS	BEARING (Sold as 13083 Assy)
4	2	09001	GREASE NIPPLE ¼ BSW
	2	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)

DBS Model	Axle Assembly Complete	
	RH	LH
DBS260 (459 shaft)	14436	14437
DBS300 (509 shaft)	14443	14442

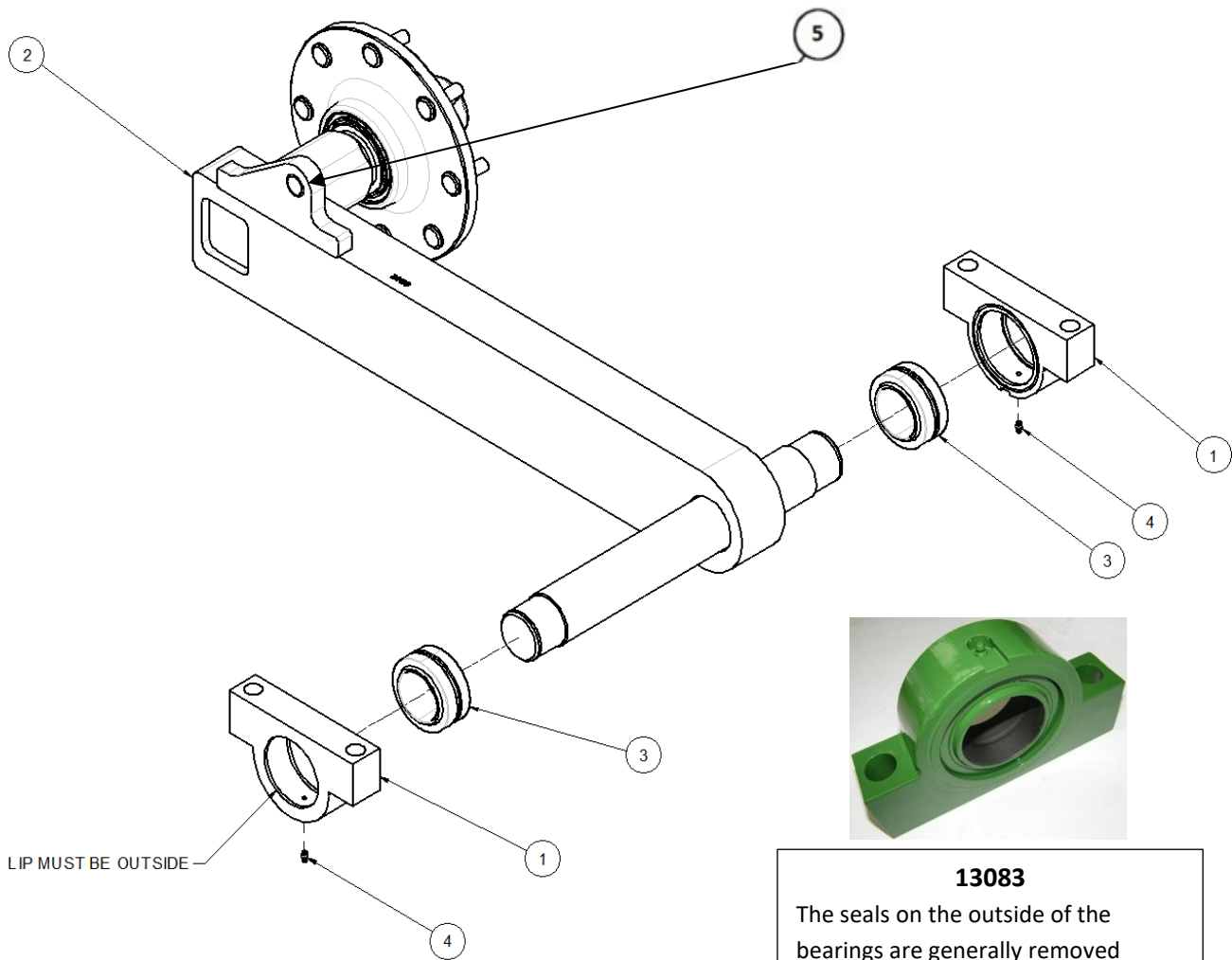
13.3 Axle Assembly D381 – Dual



Item #	Qty	Part No	Description
All	1		AXLE ASSEMBLY DUAL – SEE BELOW TABLE
1,3 & 4	2	13083	BEARING ASSY
3	2	NSS	BEARING (Sold as 13083 Assy)
4	2	09001	GREASE NIPPLE ¼ BSW
	2	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
5	1	01447	BUSH - 25 x 30 x 25.5mm

DBS Model	Axle Assembly Complete	
	RH	LH
DBS381 (570shaft)	14471	14473

13.4 Axle Assembly D381 – Single Short Shaft



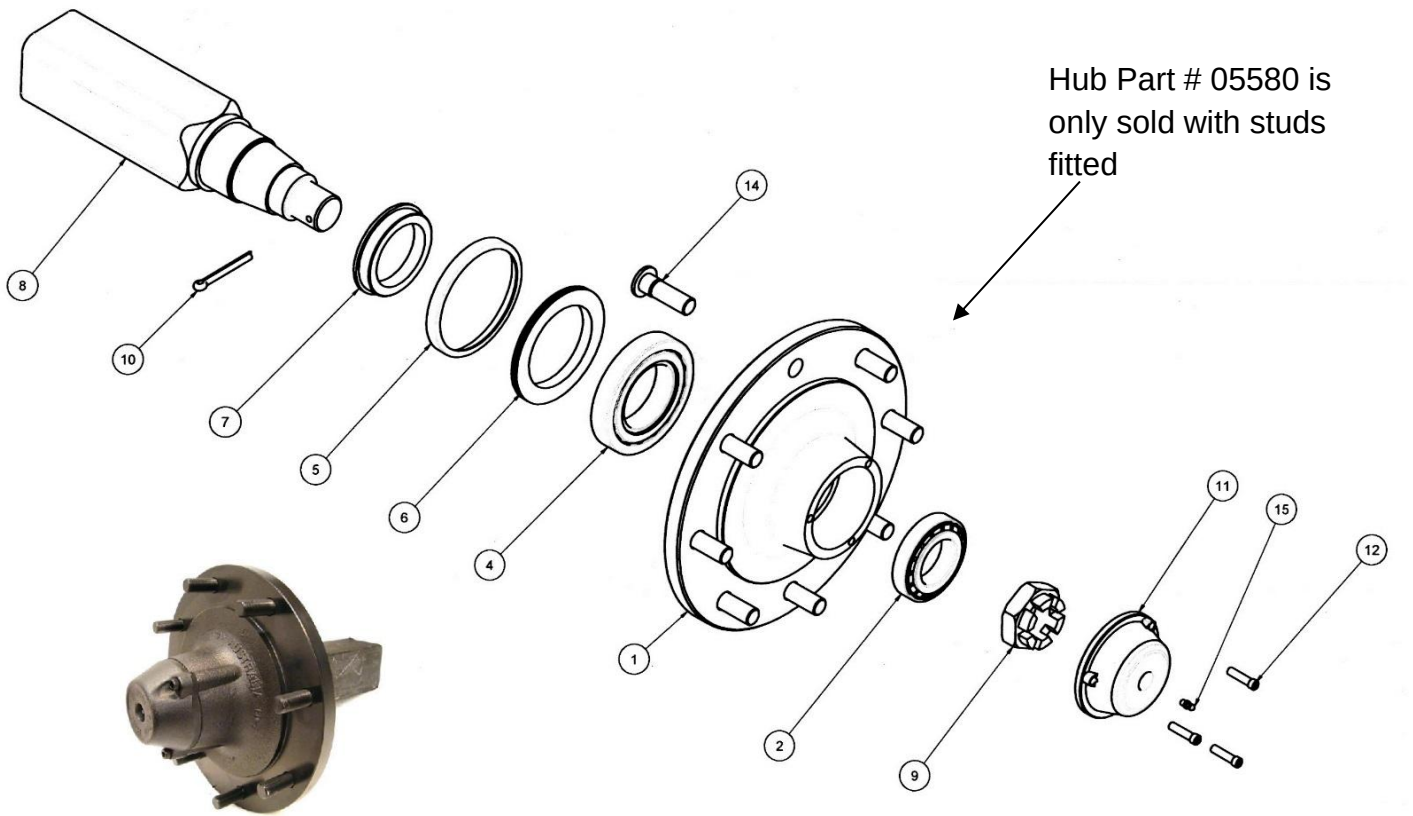
13083

The seals on the outside of the bearings are generally removed during production. They are not required as regular greasing of the bearings provides bearing protection.

Item #	Qty	Part No	Description
All	1		AXLE ASSEMBLY SINGLE SHORT SHAFT – SEE BELOW TABLE
1,3 & 4	2	13083	BEARING ASSY
3	2	NSS	BEARING (Sold as 13083 Assy)
4	2	09001	GREASE NIPPLE ¼ BSW
	2	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
5	1	01447	BUSH - 25 x 30 x 25.5mm

DBS Model	Axle Assembly Complete	
	RH	LH
DBS381 (570shaft)	14496	14498

14.0 DBS 80 Series Hub Assembly



Item #	Qty	Part No	Description
All	1	01086	STUB AXLE ASSEMBLY
1	1	05580	HUB WITH WHEEL STUDS - 80 SERIES
2	1	05579	TAPER ROLLER BEARING 50 x 90mm - OUTER
4	1	05578	TAPER ROLLER BEARING 70 x 125mm - INNER
5	1	05577	SEAL WEAR RING HUB - 80 SERIES
6	1	05576	SEAL LABYRINTH 90 x 125 x 12mm - 80 SERIES
7	1	05575	SEAL RING STUB AXLE - 80 SERIES
8	1	05574	STUB AXLE - 80 SERIES
9	1	05581	NUT M39 x 2mm CASTELLATED
10	1	05582	SPLIT PIN 6 x 60mm
11	1	05583	DUST CAP CAST
12	3	05584	BOLT DUST CAP M8 x 30mm
14	8	05010	WHEEL STUD M18 x 1.5 x 65mm
15	1	04278	GREASE NIPPLE 6mm STRAIGHT

Please Note:

- Some early bars used #09073 M36 Washer in the hubs under the nut.
- From approx. 2019 grease retention rings were added to the stub axle hub.



- These are a very thin ring (about half a mill thick) which are positioned on the inside of both the inner and outer bearings to ensure the grease is trapped at the bearing journals (where it is needed) and not wasted in the cavity of the hub.

The 80 Series Hub Assembly is the standard fit for DBS Bars and are identified by the number 80 stamped on the dust cap.



A small number of early production Bars were fitted with **FAD bearings** which are different to those fitted in the 80 Series Hub.

These **FAD hubs have different bearings and seals to the 80 Series hub**

Part No	Description
05519	BEARING ASSY T/R INNER 80 - FAD
05520	BEARING ASSY T/R OUTER 80 - FAD
05485	SEAL 90 x 130 x 12mm - FAD
05732	DUST CAP - FAD
05011	WHEEL NUT M18 (For all DBS Bars)



#05011 Wheel Nut M18

15.0 Tyres and Rims



1



2



3



4

Item #	Part No	Description	
1	08766	TYRE & RIM ASSY 385/65/22.5 LH LUG TREAD	(Rim 05201 Tyre 08765)
2	08767	TYRE & RIM ASSY 385/65/22.5 RH LUG TREAD	
3	11953	TYRE & RIM ASSY 400/60/22.5 LH FLOTATION TYRE HARVEST	(Rim 05201 Tyre 14749)
4	11952	TYRE & RIM ASSY 400/60/22.5 RH FLOTATION TYRE HARVEST	
5	05678	TYRE & RIM ASSY 16.0/70 – 20LH (BKT)	(Rim 05545 Tyre 05606)
6	05679	TYRE & RIM ASSY 16.0/70 – 20RH (BKT)	

Note: All tyres and rim assy need to be the same type on a bar.

Transport size is approx: 125x120x55cm

82kg (126kg with rim)



5



6



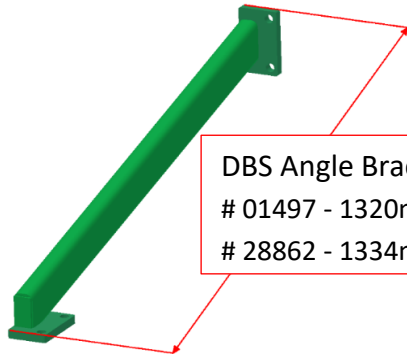
Tyre Rotation Guide

With the valve nozzle facing up, the tyre lugs near the nozzle are pointing to the right indicates a Right Hand tyre and rim assembly (as shown above). If pointing to the left it would be a Left Hand tyre assembly.

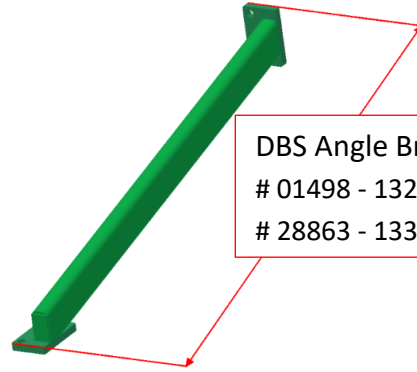
16.0 Angle Braces

16.1 Angle Braces - D260 & D300

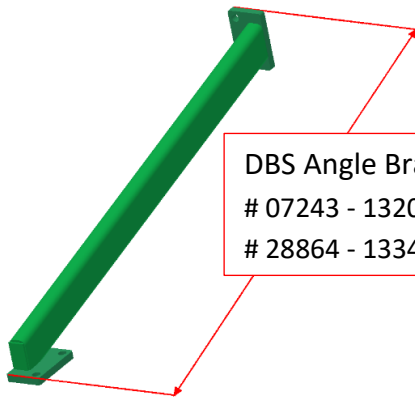
See DBS Auseeder Drawbars/angle brace/wing lift arm list Section 2 for details.



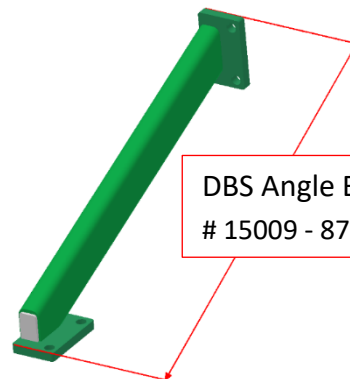
DBS Angle Brace Right Hand
01497 - 1320mm LG (Series I)
28862 - 1334mm LG (SeriesII)



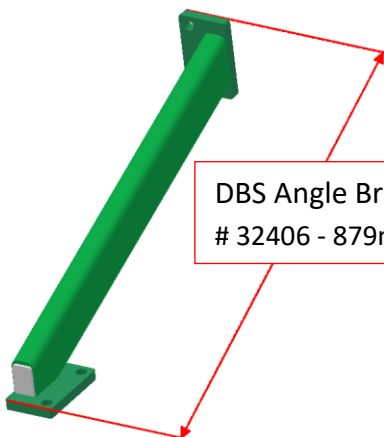
DBS Angle Brace Left Hand
01498 - 1320mm LG (Series I)
28863 - 1334mm LG (Series II)



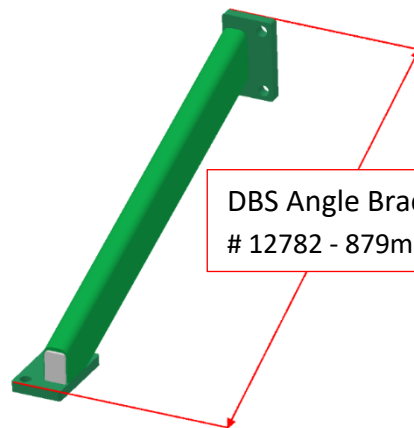
DBS Angle Brace Left Hand Top
07243 - 1320mm LG (Series I)
28864 - 1334mm LG (Series II)



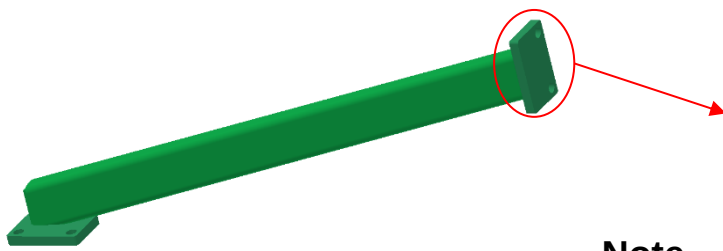
DBS Angle Brace Short – RH Top
15009 - 879mm LG



DBS Angle Brace Short – LH Top
32406 - 879mm LG



DBS Angle Brace Short – RH Top
12782 - 879mm LG

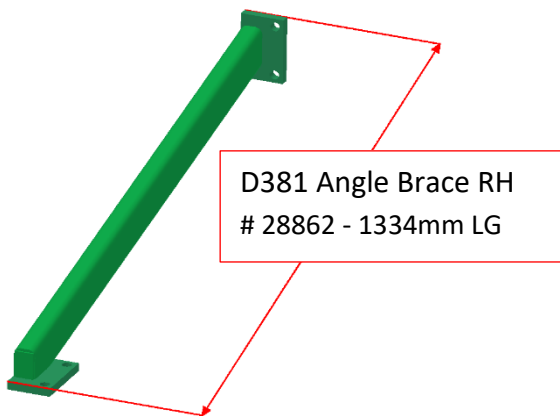


Part number of each angle brace can be found on the top end mounting plate as shown.

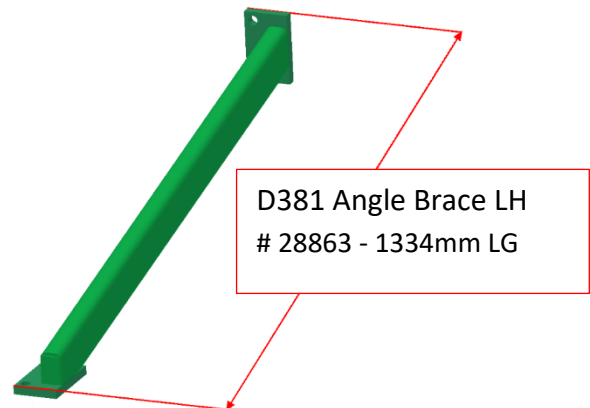
Note:

Longer angle braces
28862/63/64 introduced
progressively during 2017.

16.2 Angle Braces - D381



D381 Angle Brace RH
28862 - 1334mm LG



D381 Angle Brace LH
28863 - 1334mm LG

17.0 Wing Lift Arms

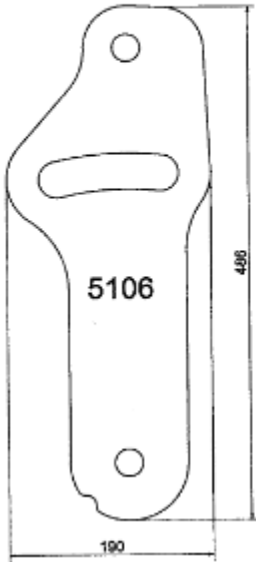
17.1 Wing Lift Arms – 2010 Onwards



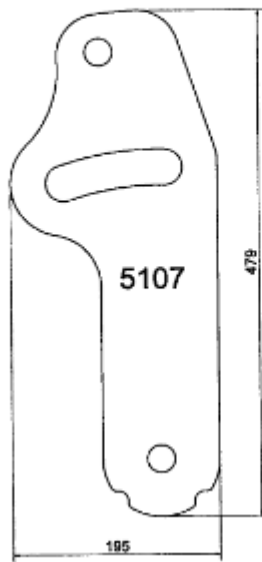
See DBS Auseeder Drawbars/angle brace/wing lift arm list Chapter 1 for details

17.2 Wing Lift Arms – Prior to 2010

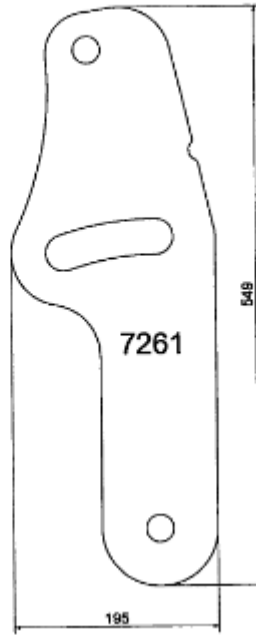
WING LIFT ARM 7' 260mm
PART NO. 5106



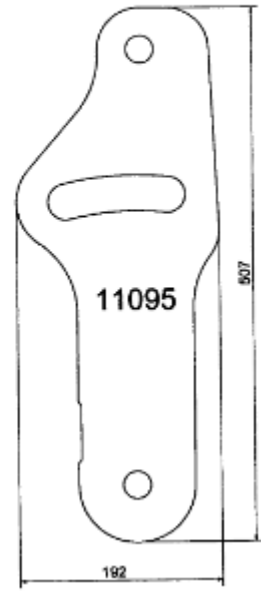
WING LIFT ARM 7' 300mm
PART NO. 5107



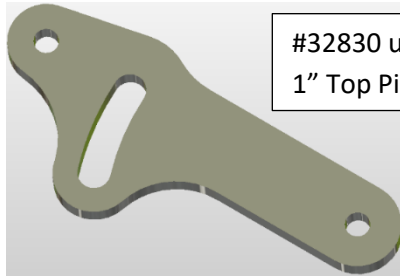
WING LIFT ARM 90' 300mm
PART NO. 7261



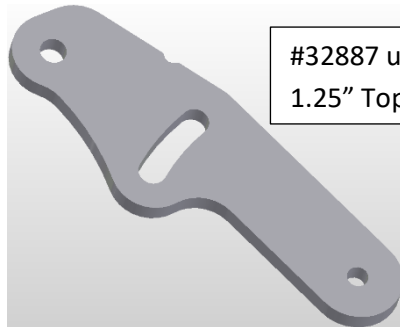
WING LIFT ARM 5' 260mm
PART NO. 11095



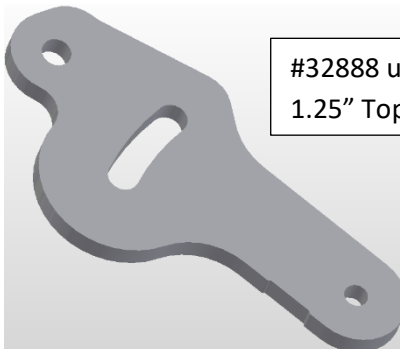
Prior to 2010, Wing Lift Arms used 1" Clevis Pin



#32830 used on DBS083 (1997)
1" Top Pin Hole



#32887 used on DBS502 (2004)
1.25" Top Pin Hole

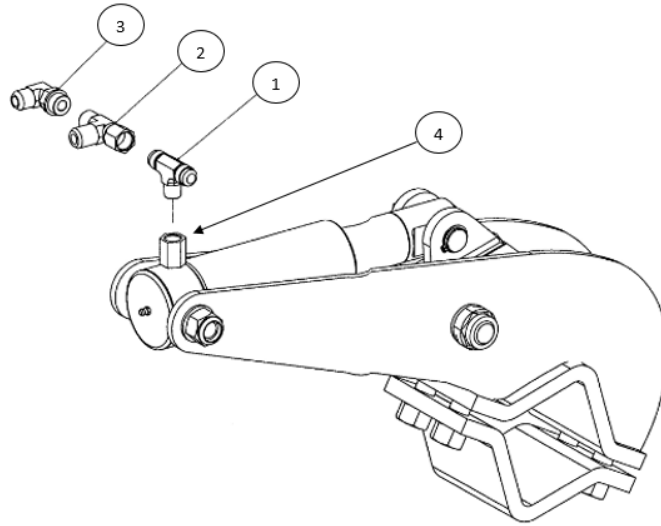


#32888 used on DBS641 (2007)
1.25" Top Pin Hole

Model	Inner Wing	Outer Wing
32-260N	n/a	05106
36-260N	n/a	05106
42-260N	n/a	05106
48-260N	n/a	05106
32-300N	n/a	05107
36-300N	n/a	05107
40-300N	n/a	05107
44-300N	n/a	05107
48-260E	n/a	05106
54-260E	n/a	05106
60-260E	n/a	05106
64-260E	05106	05106
70-260E	11095	05106
43-300E	n/a	05107
49-300E	n/a	05107
55-300E	07261	05107
61-300E	07261	05107

18.0 DBS Hydraulic Hoses & Fittings

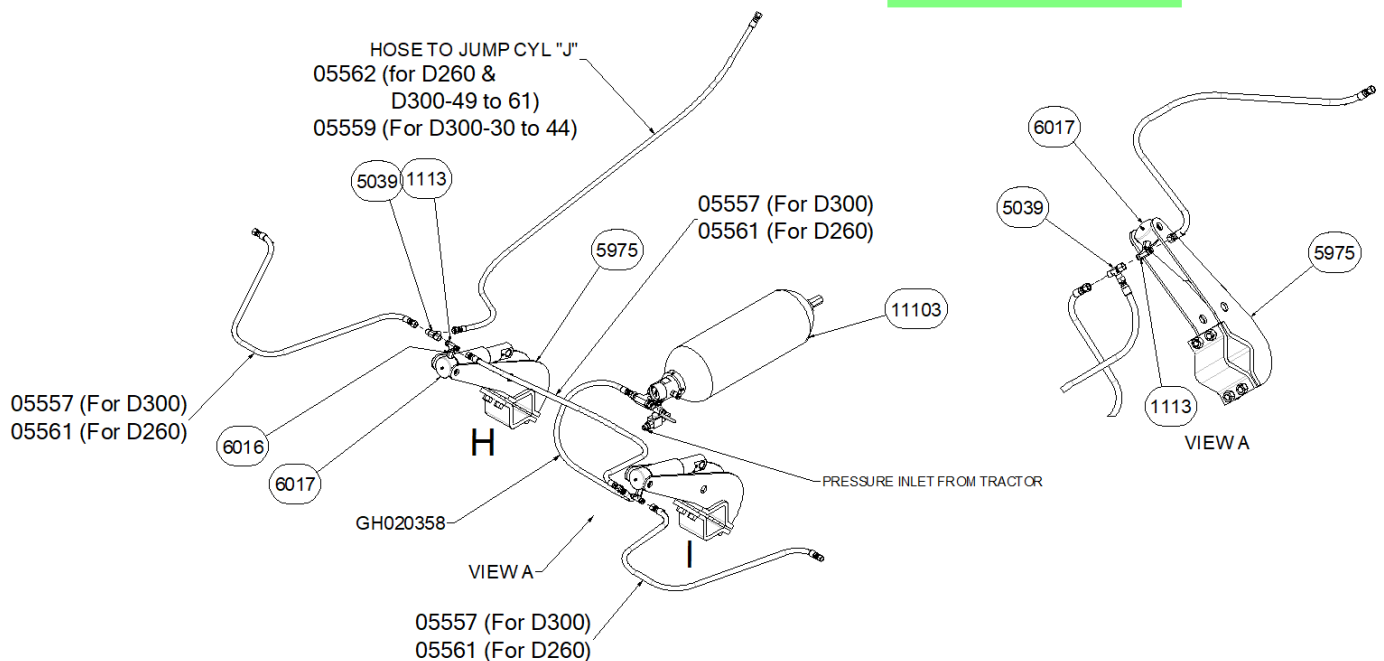
18.1 Jump Cylinder Hydraulic Fittings



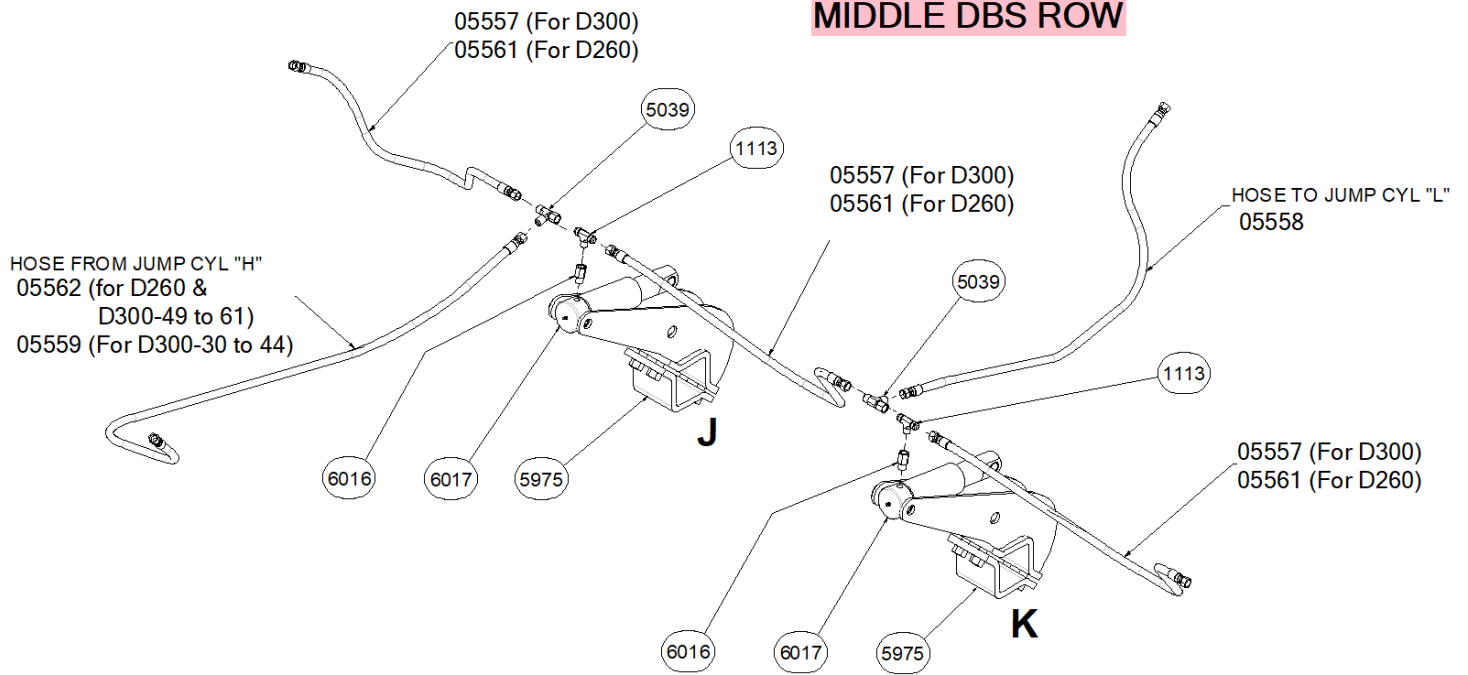
Item #	Qty	Part No	Description
1	1	01113	TEE 3/4" JICM/M x 3/8" BSPTM
2	1	05039	TEE 3/4" JICFS x 3/4" JICM x 3/4" JICM
3	1	05012	ELBOW 90 3/4" JICM x 3/4" JICFS
4	1	06016	CHECK VALVE

18.2 DBS Hydraulic Hoses

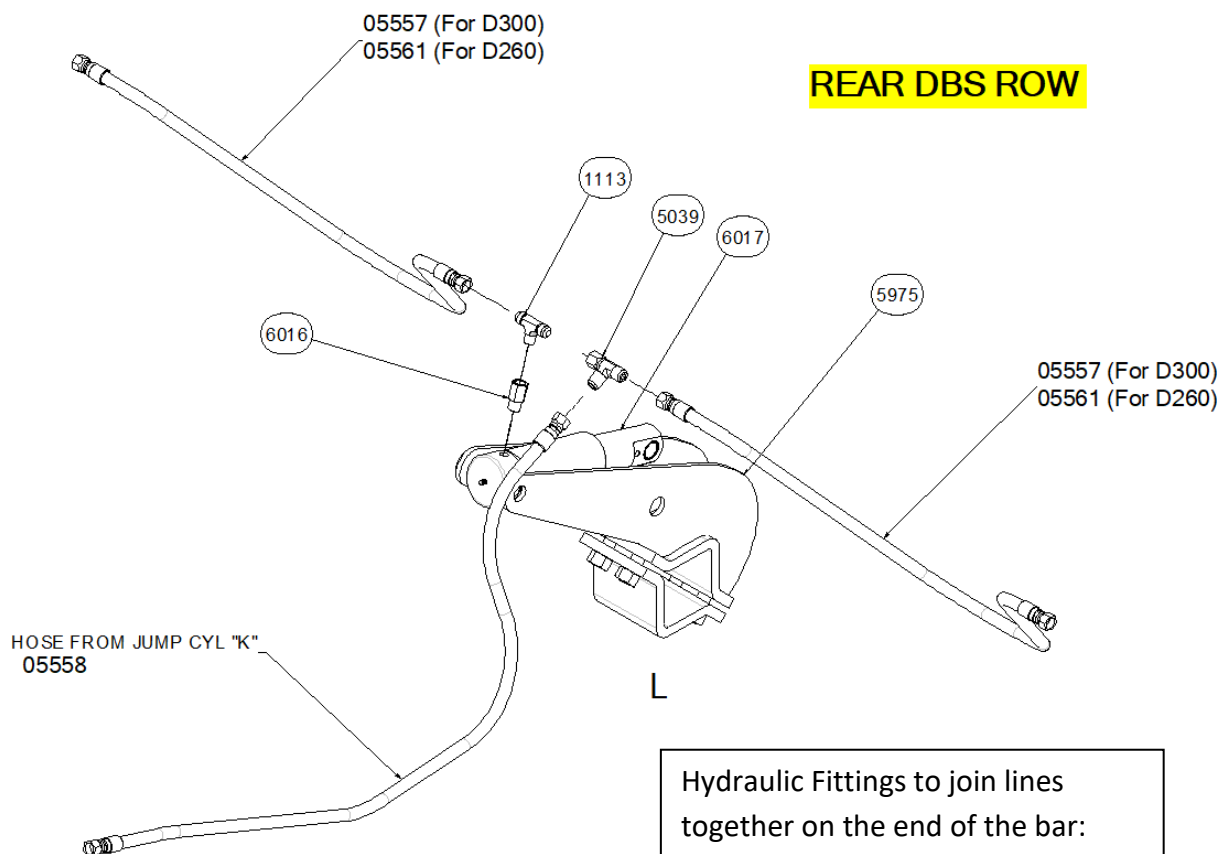
FRONT DBS ROW



MIDDLE DBS ROW



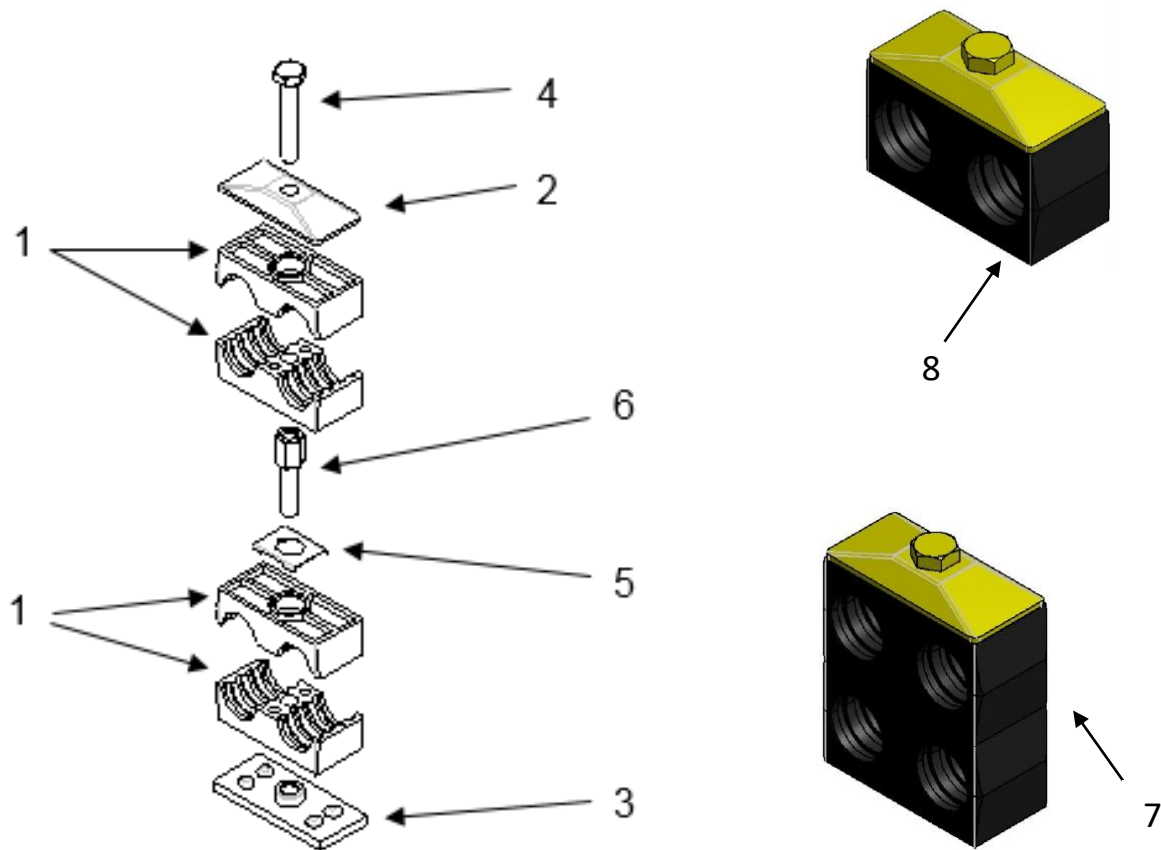
REAR DBS ROW



Hydraulic Fittings to join lines together on the end of the bar:

- 1 x 15817 Hyd Hose 3/8 x 1.92m
- 1 x 15774 Hyd Hose 3/8 x 2.77m
- 1 x 11895 Hyd Hose 3/8 x 2.37m
- 1 x 05557 Hyd Hose 3/8 x 1.55m
- 6 x 05039 Hyd Tee 3/4"

18.3 Hydraulic Hose Clamp



Item #	Qty	Part #	Description
1	2	15324	HOSE CLAMP BODY PAIR $\frac{3}{8}$ " ID HOSE (19mmOD)
		12196	HOSE CLAMP BODY PAIR $\frac{1}{2}$ " ID HOSE (22mmOD)
2	1	11262	TOP PLATE $\frac{3}{8}$ " & $\frac{1}{2}$ "
3	1	11263	HYDRAULIC CLAMP BASE PLATE $\frac{3}{8}$ " & $\frac{1}{2}$ "
4	1	11264	HEX HEAD BOLT M8 x 45mm
5	AR	11576	SAFETY LOCKING PLATE
6	AR	11567	STACKING BOLT
7	1	14653	HOSE MOUNT CLAMP ASSY 4 x 1/2"
8	1	14654	HOSE MOUNT CLAMP ASSY 2 x 1/2"

$\frac{3}{8}$ " and $\frac{1}{2}$ " hoses may be stacked up to 3 layers in height, $\frac{3}{4}$ " hoses are not to exceed 2 layers in height.

18.4 Hydraulic Hose Parts

Hydraulic Hose Hydra Grip ½" BSPP

White # 06841

Also available in:

Red #06842

Green #06843

Yellow #06844

Blue #06840



Hydraulic Hose Colour Code Kit
Part # 04725



IMPLEMENT HYDRAULIC HOSE CONNECTIONS	
TINE PRESSURE	RED
BAR LIFT	GREEN
BAR LOWER	BLUE
WING FOLD	YELLOW
WING UNFOLD	GREY

Hydraulic Hose Decal Auseeder
Part # 28129



Jump Cylinder Bleed Hose
Part # 15939



DBS Bleed Point
Part # 15771

18.5 Hydraulic Quick Coupling Set

Ball style

Item #	Qty	Part #	Description
All	1	07138	QUICK COUPLING SET – ½" PP M&F
	1	05034	QUICK COUPLER ½" MALE
	1	05719	QUICK COUPLER ½" FEMALE



Poppet style

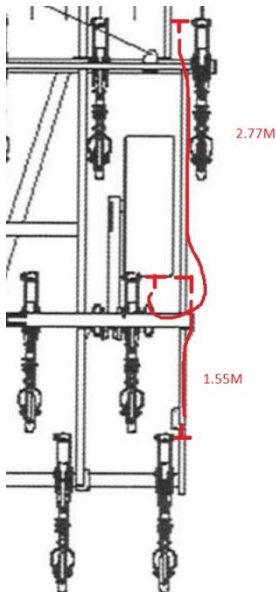
Item #	Qty	Part #	Description
All	1	05997	QUICK COUPLING SET – ½" PP M&F
	1	05996	QUICK COUPLER ½" MALE
	1	02295	QUICK COUPLER ½" FEMALE



Item #	Qty	Part #	Description
All	1	05998	QUICK COUPLING SET – ¾" PP M&F
	1	05721	QUICK COUPLER ¾" MALE
	1	05720	QUICK COUPLER ¾" FEMALE

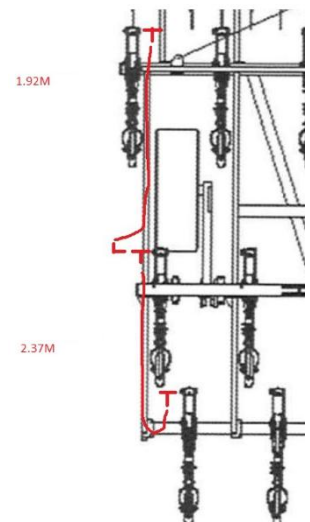


18.6 Hydraulic Hoses Linking on the Ends of Bars



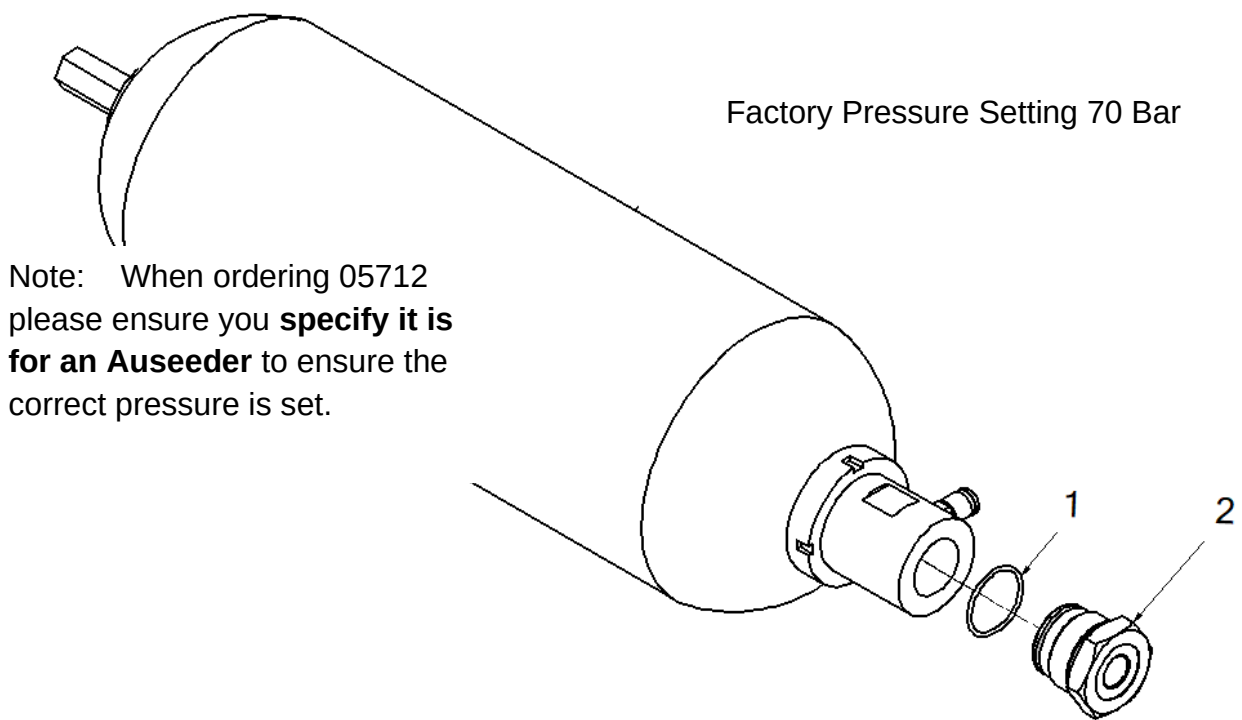
For D300-61	Qty	Part #	Description
RH Side outer wings	3	05039	TEE ¾ JICM / FS / M
	1	05012	ELBOW 90 DEG ¾ JICM x ¾ JICFS
	1	05557	HYD HOSE 3/8 x 1.55m – ¾ JICFS
	1	15774	HYD HOSE 3/8 x 2.77m – ¾ JICFS x ¾ JICFS

For D300-61	Qty	Part #	Description
LH Side outer wings	3	05039	TEE ¾ JICM / FS / M
	1	05012	ELBOW 90 DEG ¾ JICM x ¾ JICFS
	1	15817	HYD HOSE 3/8 x 1.92m – ¾ JICF/S
	1	11895	HYD HOSE 3/8 x 2.37m – ¾ JICFS x ¾ JICFS



19.0 Accumulator & Fittings

19.1 Accumulator

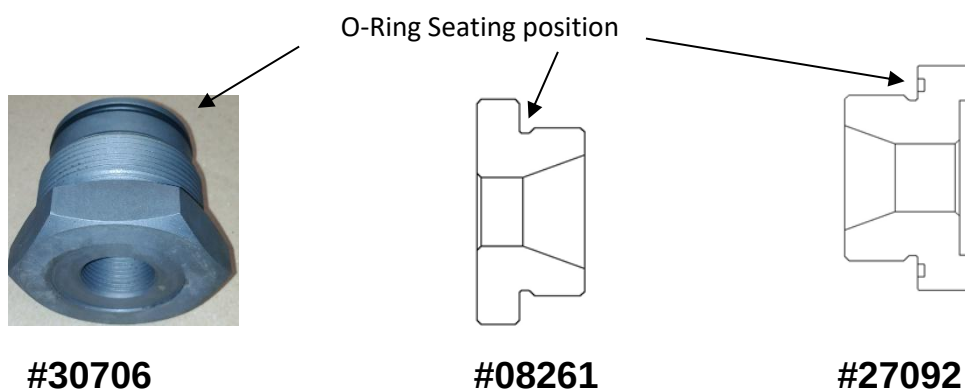


Item #	Part No	Description
All	05712	ACCUMULATOR 20 LTR c/w ADAPTOR & O-RING
1	09929	O RING 48.7 x 3.1mm NITRILE – Suits current 30706 Adaptor (Dec17 on)
	27264	O-RING 70 x 3.5mm – Suits previous 27092 Adaptor
	09361	O RING 54 x 3mm NITRILE – Suits older 08621 Adaptor
2	30706	ADAPTOR - 2" BSPPM x 3/4" BSPPF – Suit current Accumulator (Dec17 on)
	27092	ADAPTOR - 2" BSPPM x 3/4" BSPTF – Suits previous 05712 Accumulator
	08261	ADAPTOR - 2" BSPPM x 3/4" BSPTF – Suits older 05529 Accumulator

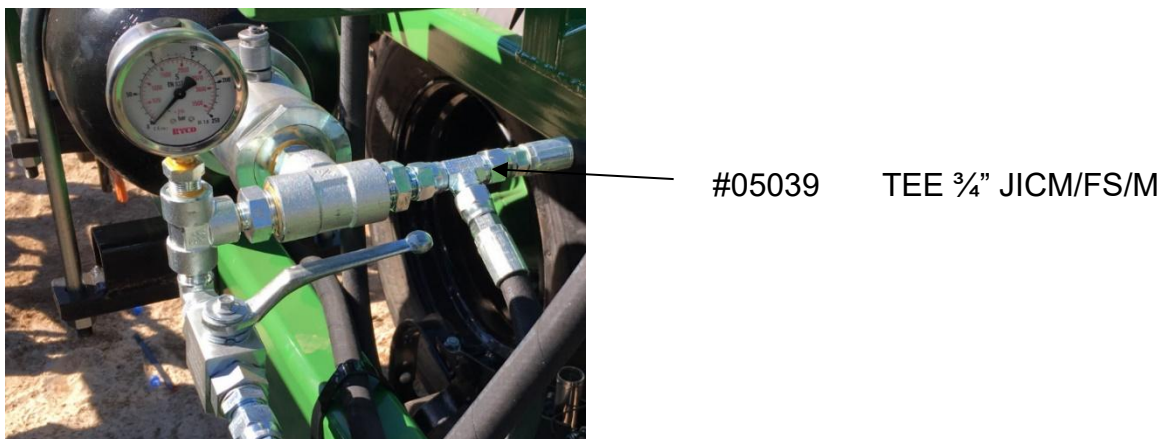
In Dec 2017 (DBS1357) Ausplow changed the hydraulic accumulator resulting in new accumulator adaptors and O-rings now fitted on all new machines.

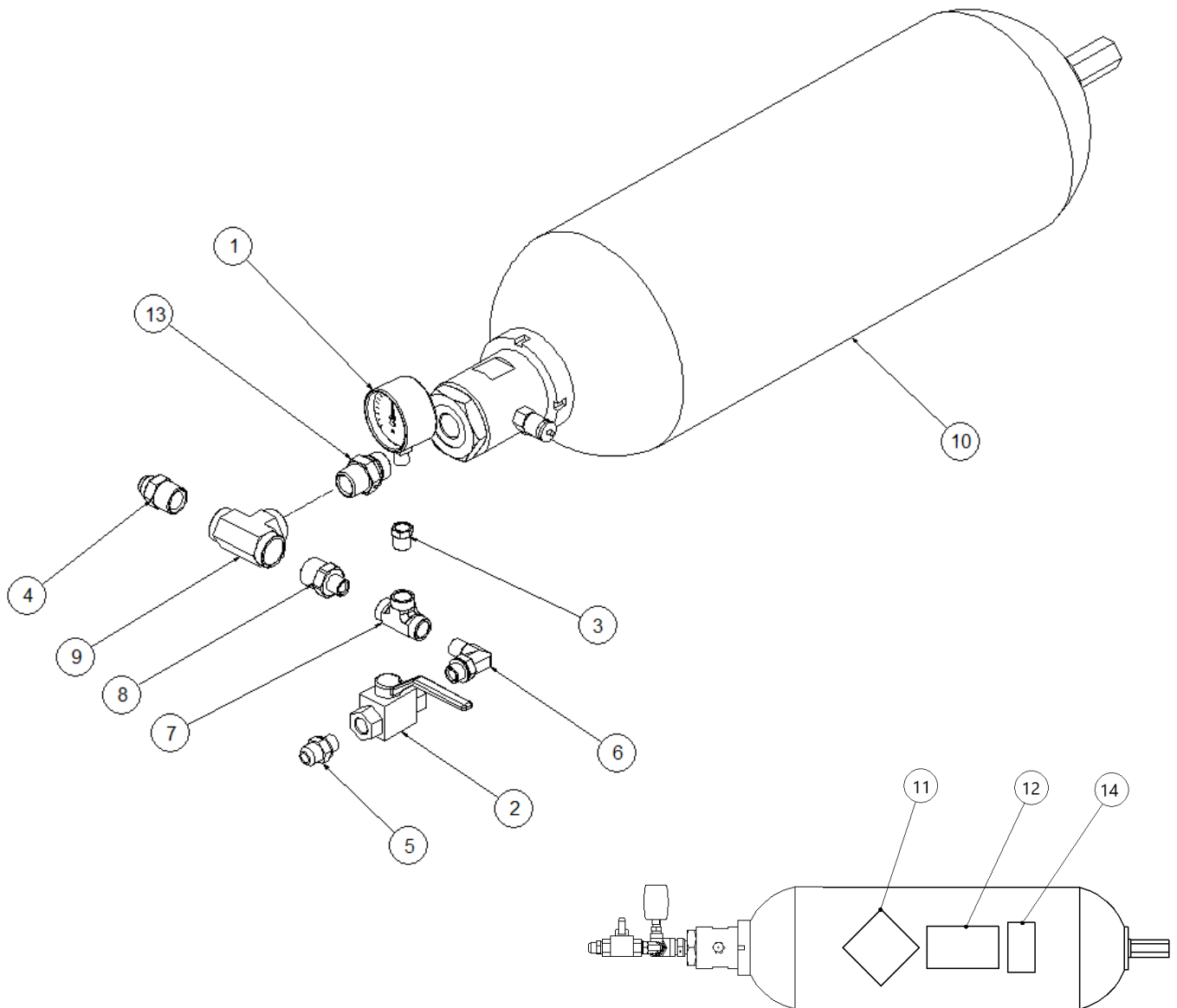
The new style accumulator adaptors and O-rings are **not directly interchangeable** with previous adaptors because of the change in fittings, seating position and O-ring size.

Therefore caution must be exercised when ordering replacement O-rings, or adaptors.



Ausplow highly recommends measuring the O-ring diameter before placing orders.





Item #	Part No	Description
1	01110	PRESSURE GAUGE – 250 Bar
2	01111	BALL VALVE 2 WAY
3	05016	REDUCER BUSH - $\frac{3}{8}$ " BSPTM x $\frac{1}{4}$ " BSPTF
4	05017	ADAPTOR - $\frac{3}{4}$ " BSPTM x $\frac{3}{4}$ " JICM
5	05021	ADAPTOR - $\frac{3}{8}$ " BSPPM x $\frac{3}{4}$ " JICM
6	05022	ELBOW 90DEG - $\frac{3}{8}$ " BSPTM x $\frac{3}{8}$ " BSPPOM
7	05026	TEE - $\frac{3}{8}$ " BSPTF x F x F
8	05031	ADAPTOR - $\frac{3}{4}$ " BSPTM x $\frac{3}{8}$ " BSPTM
9	05032	TEE - $\frac{3}{4}$ " BSPTF x F x F
10	05712	ACCUMULATOR 20 LTR c/w ADAPTOR & O-RING
11	05835	DECAL ACCUM NON-FLAMABLE NON-TOXIC
12	05836	DECAL ACCUM MAINTENANCE WARNING
13	09930	NIPPLE $\frac{3}{4}$ " BSPP x $\frac{3}{4}$ " BSPT
14	05782	DECAL ACCUM CHARGE PRESSURE

19.2 Accumulator Kits

#05833 Accumulator Kit – 2nd Unit (Up and Over Type)

For all machines except: D260-59, D300-49, D300-51, D300-55, D300-61

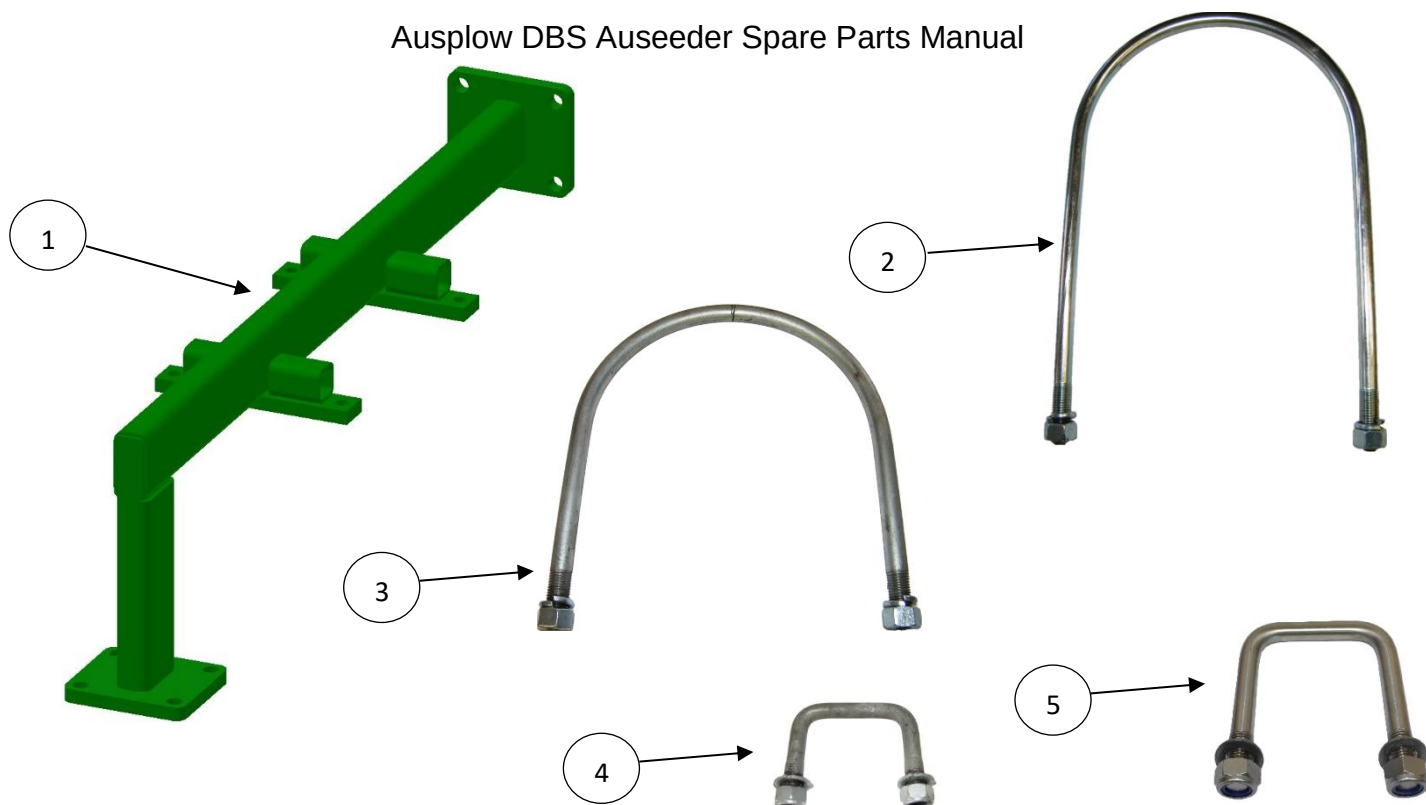


#05527 Accumulator Kit – 2nd Unit (Side by Side Type)

Only used for Machines: D260-59, D300-49, D300-51, D300-55, D300-61

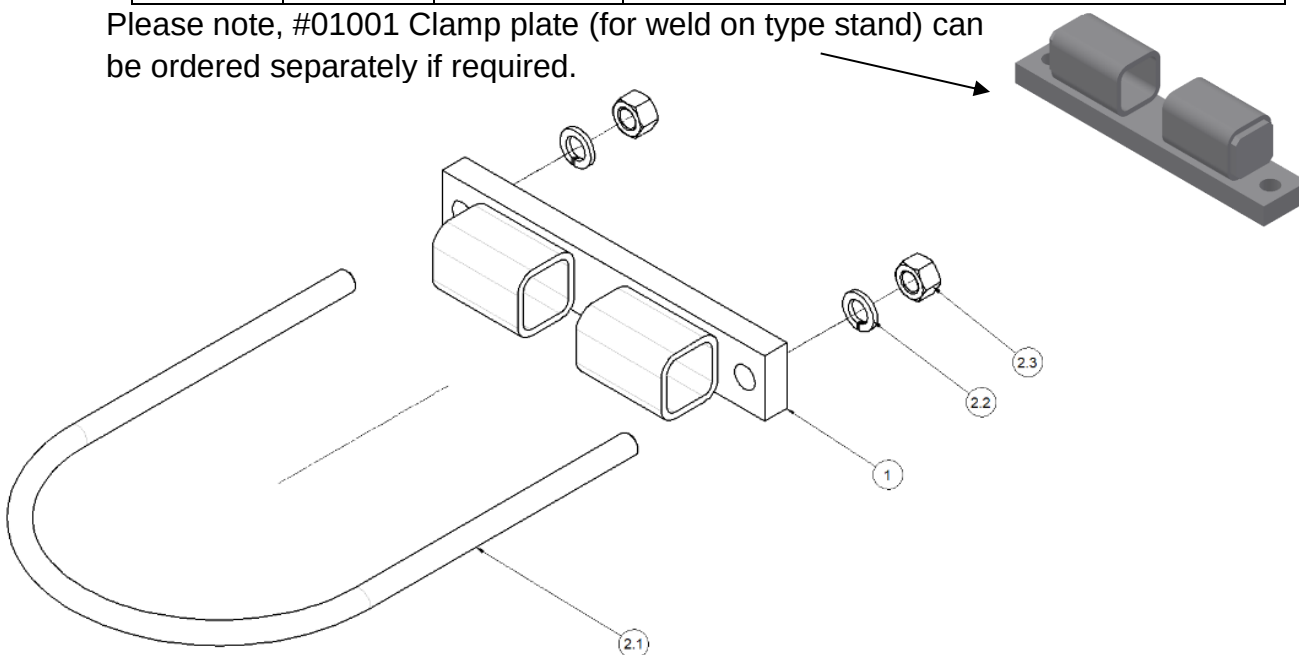


Ausplow DBS Auseeder Spare Parts Manual



Item #	Qty	Part No	Description
1	1	11437	ACCUMULATOR STAND (c/w Clamp plate #01001)
2	2	02999	U BOLT SET M16 x 234 x 380mm ROUND
3	2	02998	U BOLT SET M16 x 234 x 280mm ROUND
4	2	34586	U BOLT SET M20 x 102 x 100mm SS (Replaces 05437)
5	2	34583	U BOLT SET M20 x 102 x 150mm SS (Replaces 05438)

Please note, #01001 Clamp plate (for weld on type stand) can be ordered separately if required.



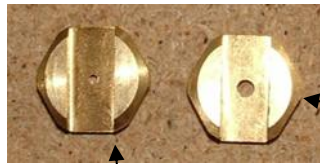
Item #	Qty	Part No	Description
ALL		35263	20L ACCUMULATOR MOUNT
1	1	35260	CLAMP PLATE 20L ACCUMULATOR 50mm
2	1	35258	20L ACCUMULATOR U-BOLT SET
2.1	1	NSS	20L ACCUMULATOR U-BOLT
2.2	2	NSS	WASHER SPRING M16 SS
2.3	2	NSS	NUT M16 SS

20.0 Wing Fold Hydraulics



Flow Restrictor
fitted groove side
down at rod end

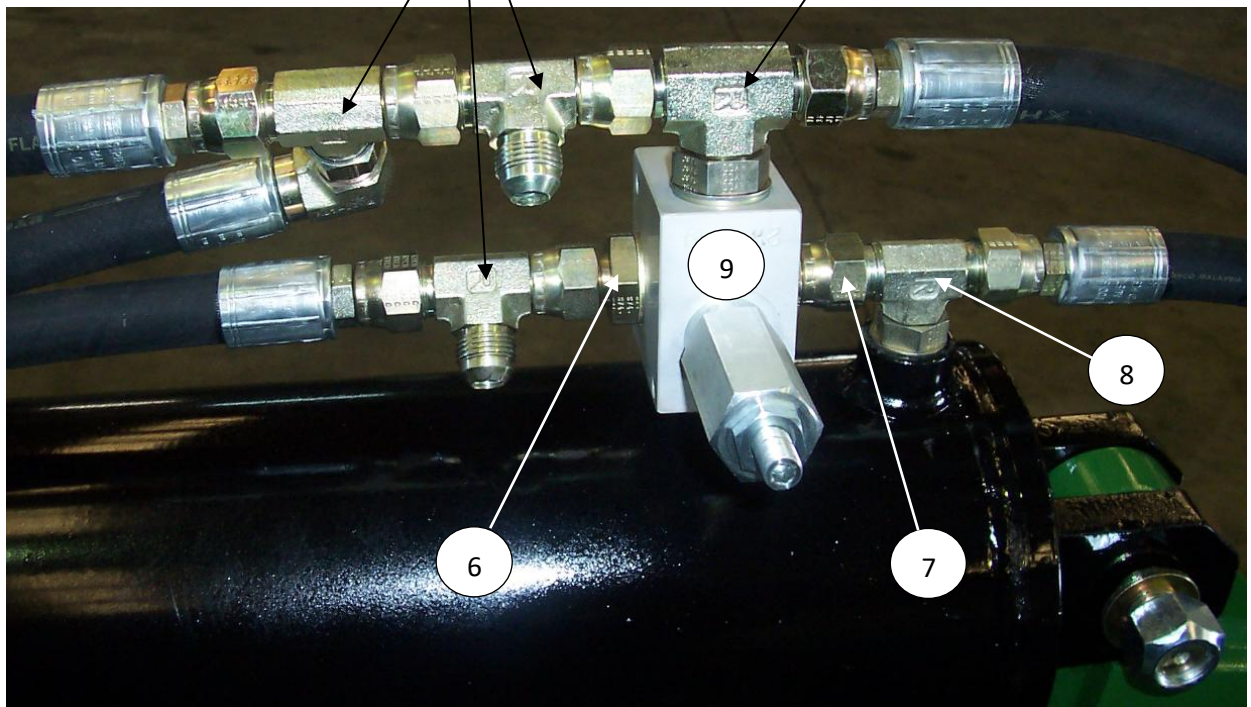
Item #	Part No	Description
1	01117	FLOW RESTRICTOR - 1.5mm
2	11385	FLOW RESTRICTOR - 2.5mm
3	09274	ELBOW 90 DEG - 3/4" JICM x 3/4" UNM O RING
4	07324	TEE - 1/2" BSPPOM x 3/4" JICM/M
5	05039	TEE - 3/4" JICFS x 3/4" JICM/M
6	05536	ADAPTOR - 1/2" BSPPOM x 3/4" JICM
7	05050	ADAPTOR - 1/2" BSPPOM x 3/4" JICFS
8	05048	TEE - 3/4" JICM/M x 3/4" UNM O RING
9	05027	RELIEF VALVE ASSEMBLY WING FOLD



1

2

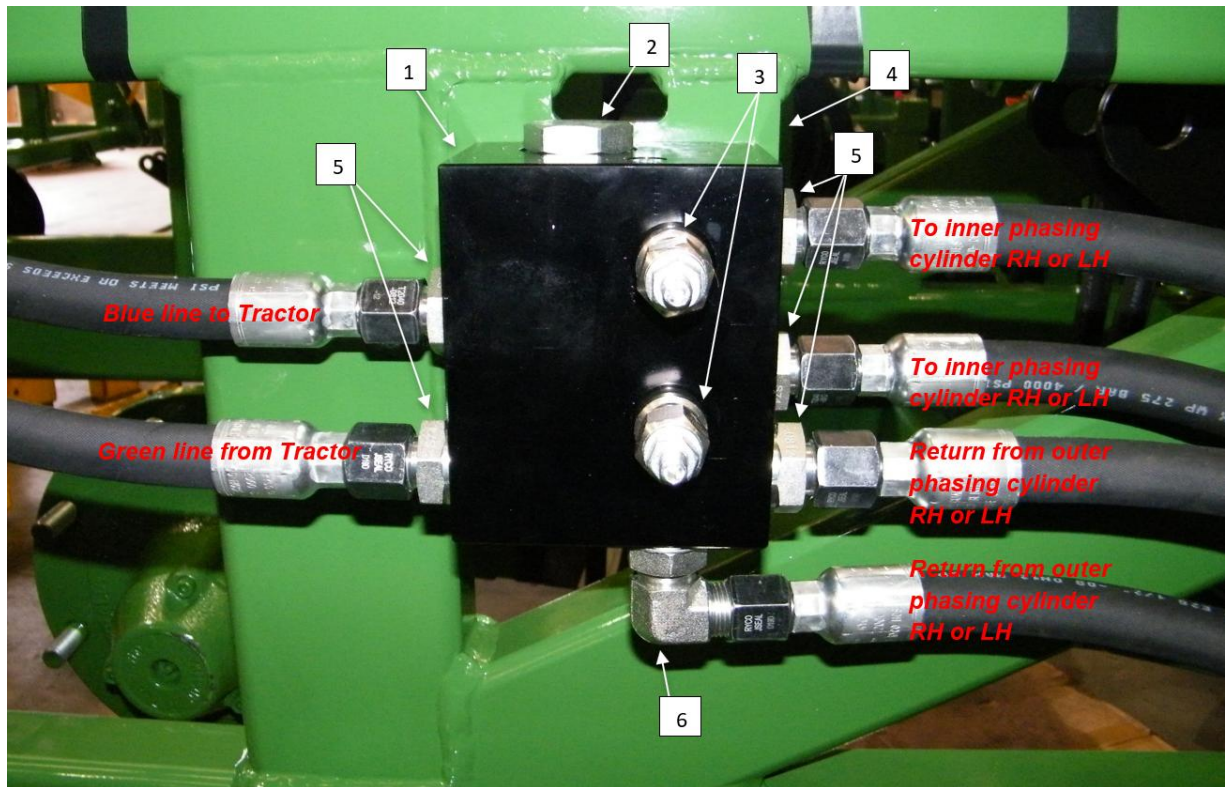
3



Note: For wing fold hydraulics, the maximum flow rate should be **20L/m**, and #05027 relief check valve set at 3792 kPa (550 PSI) is fitted to prevent damage should an attempt be made to lower the wings before the removal of the wing transport pins.

21.0 Phasing Flow Divider - 5 Frame Machines

21.1 Flow Divider 90L – (late 2019 on)



Item #	Qty	Part No	Description
1,2&3	1	32627	FLOW DIVIDER ASSY 90L
1	1	32624	FLOW DIVIDER MANIFOLD BLOCK
2	1	32625	HD FLOW DIVIDER CARTRIDGE 90.8L/min
3	2	32626	FLOW DIVIDER COUNTERBALANCE CARTRIDGE
4	1	32628	FLOW DIVIDER PLATE 5 FRAME
5	5	05536	ADAPTOR - 1/2 BSP POM x 3/4 JIC M
6	1	05049	ELBOW - 90deg - 1/2 BSP POM x 3/4 JIC M
NS		13769	SEAL KIT FLOW DIVIDER 90L

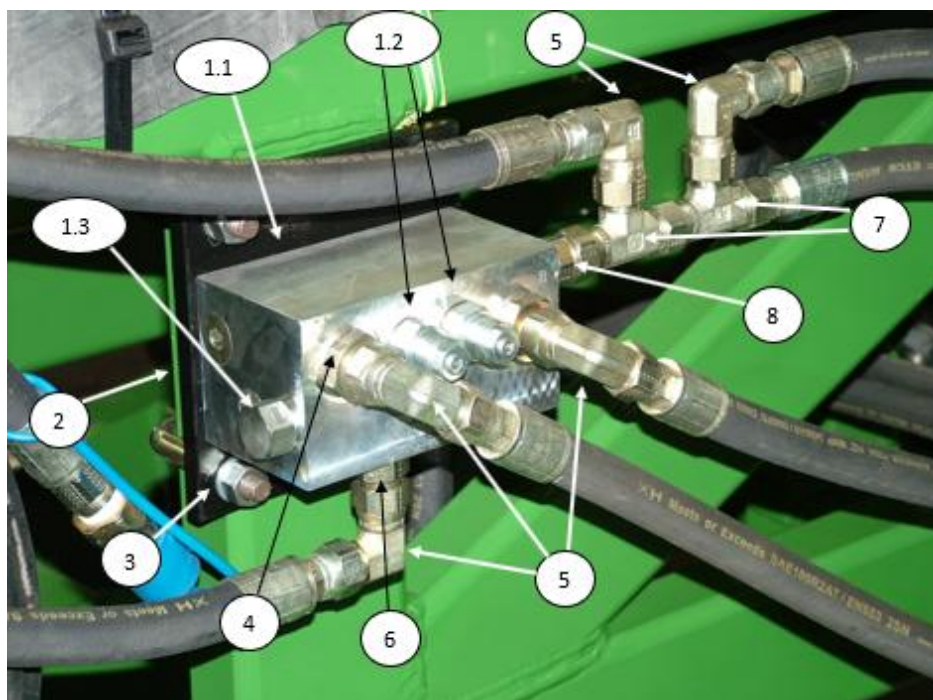


32625



32626

21.2 Flow Divider 60L – (2012-2019)



Item #	Qty	Part No	Description
1	NLA	25633	FLOW DIVIDER MANIFOLD ASSEMBLY 60L – Use #33809
		33809	90L FLOW DIVIDER RETRO FIT KIT
1.1	1	25635	FLOW DIVIDER MANIFOLD BLOCK 30/60L
1.2	2	05766	FLOW DIVIDER COUNTERBALANCE CARTRIDGE
1.3	1	25634	FLOW DIVIDER CARTRIDGE 60L
2	1	07081	DIVIDER VALVE MOUNTING PLATE
NS	4	09066	WASHER SPRING M8 ZP (PLATE/BLOCK)
NS	4	09067	BOLT M8 x 20mm (PLATE/BLOCK)
3	2	05436	U BOLT SET M12 x 101 x 80mm
4	2	05536	ADAPTOR ½" BSP POM x ¾" JICM
5	5	05012	ELBOW ¾" JICM x ¾" JICFS
6	1	05021	ADAPTOR ⅜" BSP POM x ¾" JICM
7	2	05039	TEE ¾" JICFS x ¾" JICM x ¾" JICM
8	1	05555	ADAPTOR ¼" BSP POM x ¾" JICM
NS		13768	SEAL KIT FLOW DIVIDER 60L

25634

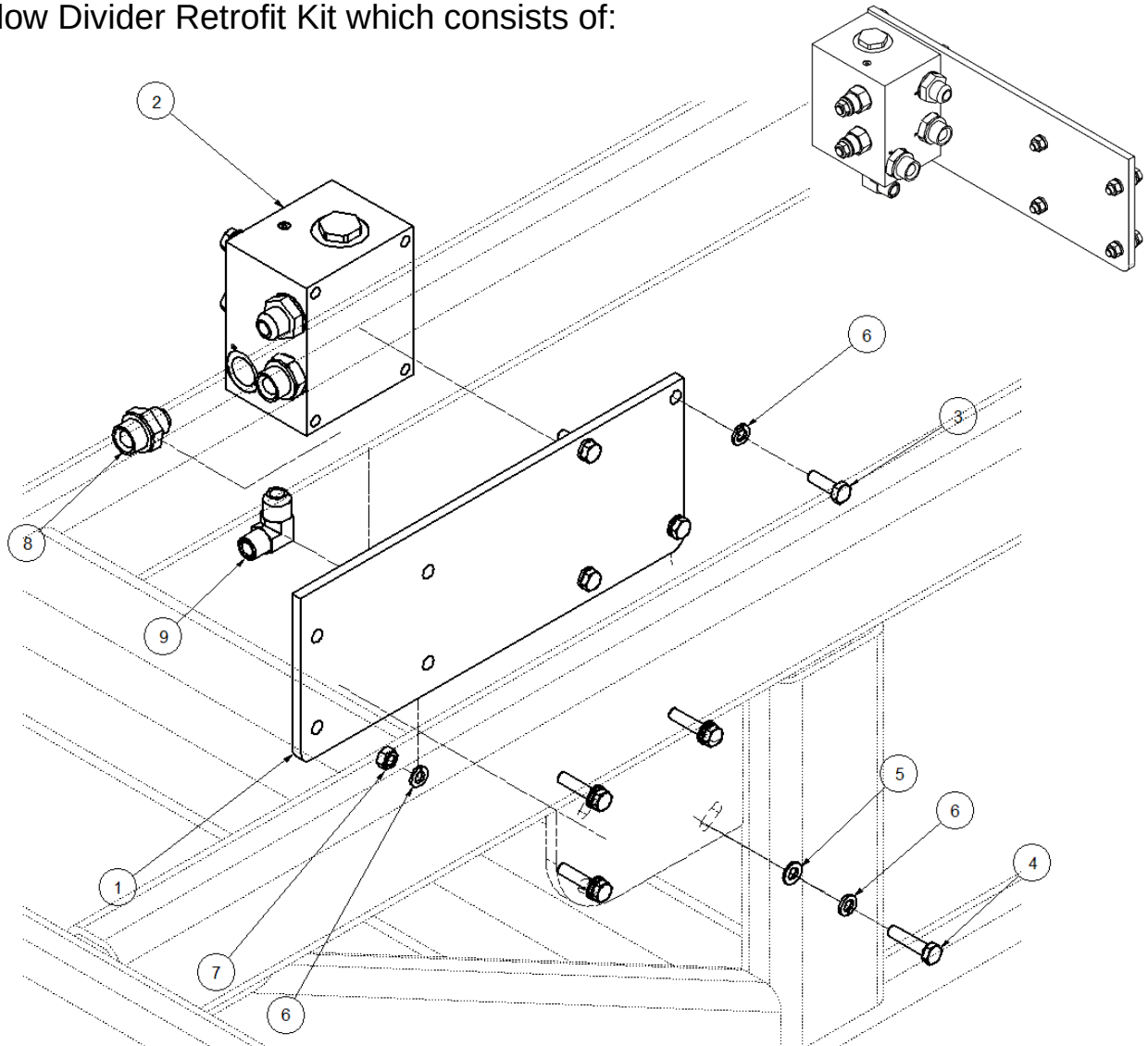


05766



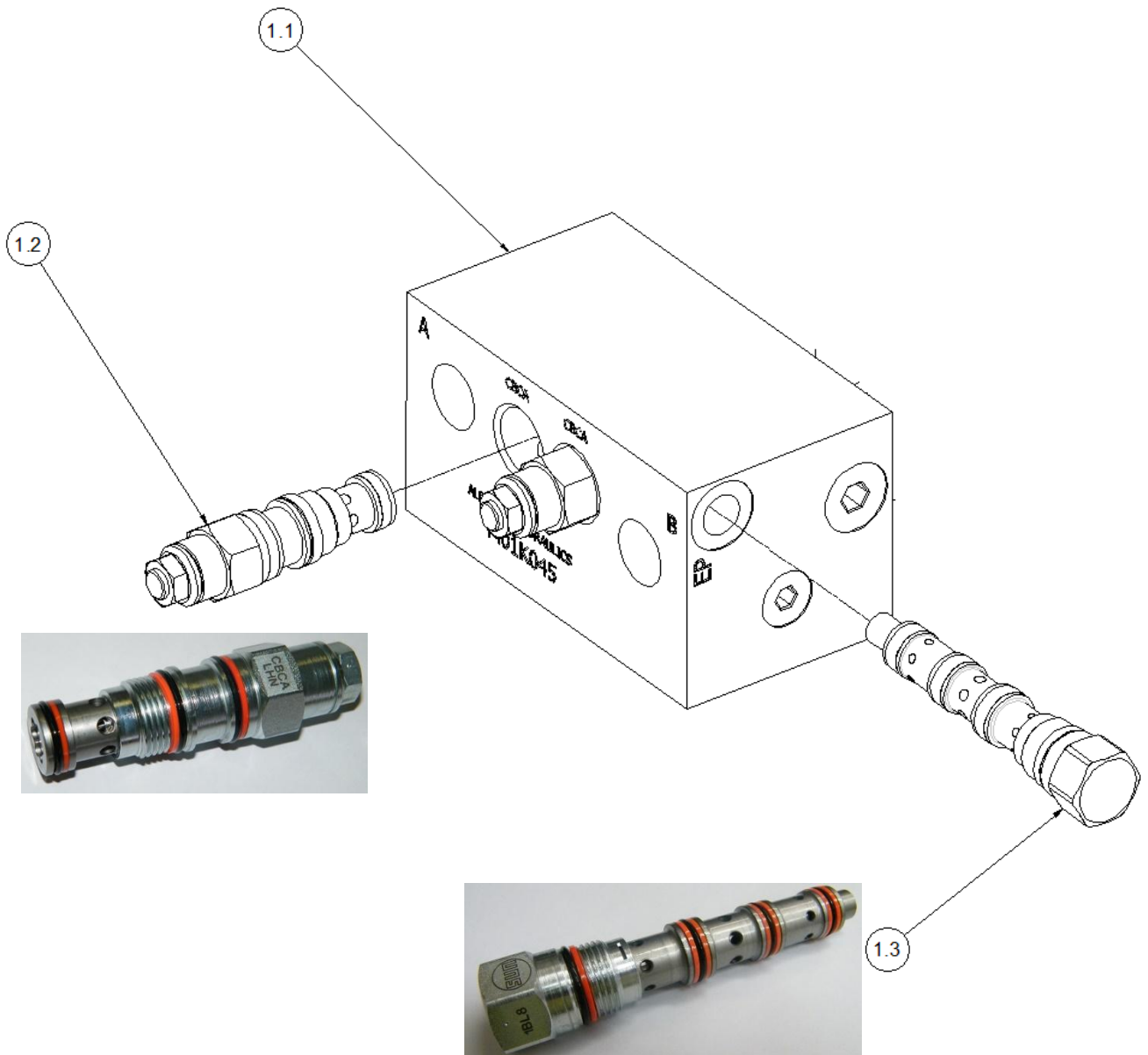
21.3 Flow Divider Upgrade 60L to 90L

To upgrade 5 frame machine 60L flow dividers to 90L, use #33809 - 90L Flow Divider Retrofit Kit which consists of:



Item	Qty	Part No	Description
ALL	1	33809	90L FLOW DIVIDER RETROFIT KIT
1	1	32630	5 FRAME FLOW DIVIDER ATTACHED PLATE
2	1	32627	FLOW DIVIDER ASSY 90L
3	4	09254	BOLT HEX M8 x 25mm
4	4	09619	BOLT M8 x 35mm
5	4	09017	WASHER FLAT M8 HT ZP
6	12	09066	WASHER SPRING M8 ZP
7	4	09125	NUT HEX M8
8	3	05536	ADAPTOR - 1/2 BSPPOM x 3/4JICM
9	1	05049	ELBOW - 90deg - 1/2 BSPPOM x 3/4 JICM

21.4 Flow Divider 30L – Older Type (Pre 2012)



Item #	Qty	Part No	Description
1.1	NLA	05551	FLOW DIVIDER MANIFOLD BLOCK 30L
1.2	2	05553	FLOW DIVIDER COUNTERBALANCE CARTRIDGE
1.3	1	05554	FLOW DIVIDER CARTRIDGE 30L

22.0 Phasing and Wing Fold Cylinders

22.1 Phasing / Wing Cylinders Identification

Replacement Cylinders

Replacement Phasing Cylinders are supplied as Alford or Baker.

Note: Seal kits for Bakers and Alfords cylinders are different.

Seal Kits

Before ordering replacement seal kits:

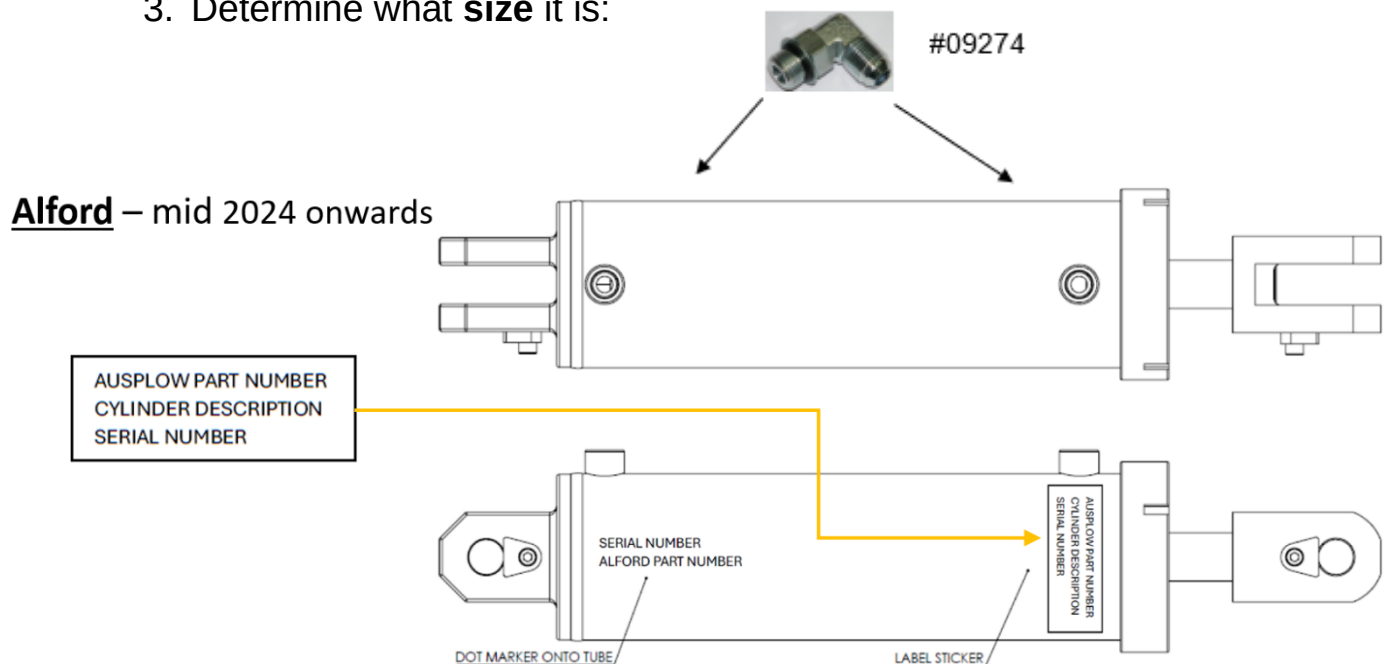
1. Determine if it is a **Phasing** (wheel axle) cylinder or **Wing Fold** (wing lift) cylinder.
2. Determine what manufacture type cylinder it is:

Up to 2009	Old Type Alford Cylinders
2009 to 2022	Baker Cylinders
2022 to mid 2024	Later Alford Cylinders
Mid 2024 on	Current Alford Cylinders

2019 **PTE** Phasing Cylinders were fitted to:

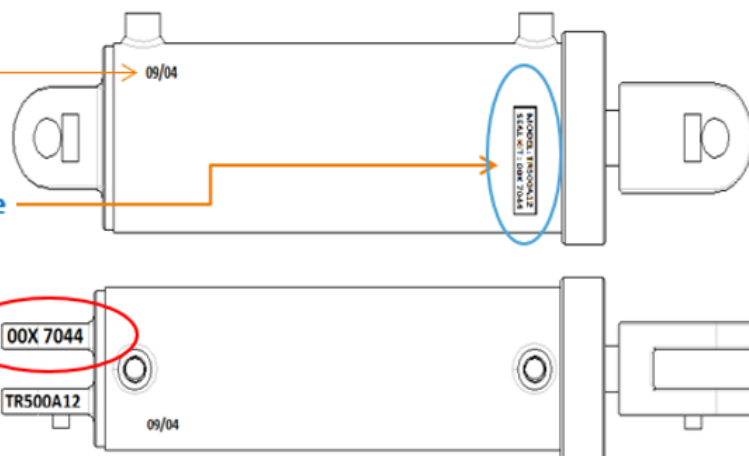
- DBS 1447 D300-61
- DBS 1450 D260-70
- 1 x 5" PTE cylinder fitted to DBS 1463 D260-46E

3. Determine what **size** it is:



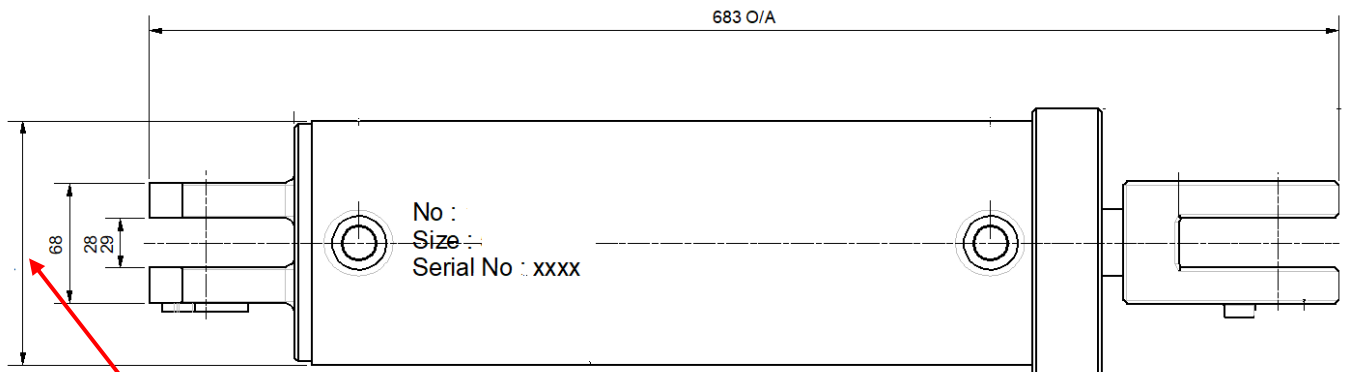
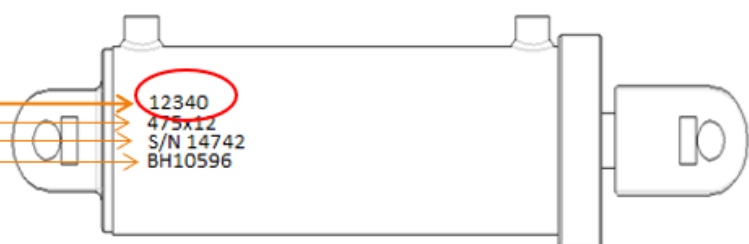
Alford – Old & Later Type

- Date of manufacture Or S/no.
- **Ausplow Part No. & S/no. – Later Type**
- Cylinder ID– Old & Later Type
- Series



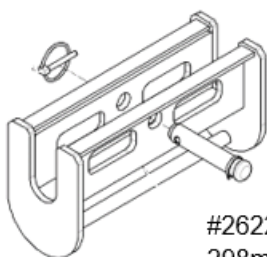
Baker – 2009 onwards

- **Ausplow Part No**
- Size
- Serial number
- Supplier code



To help identify what size cylinder is required, these are the outside diameters of the phasing cylinders:

4.25"	121mm
4.50"	127mm
4.75"	133mm
5.00"	140mm



#26227 Transport Stop Kit
298mm LG

DEPTH STOP KIT #05005

Please note an extra 1 ¼" depth stop may be required when using the new Alford QP series phasing cylinder

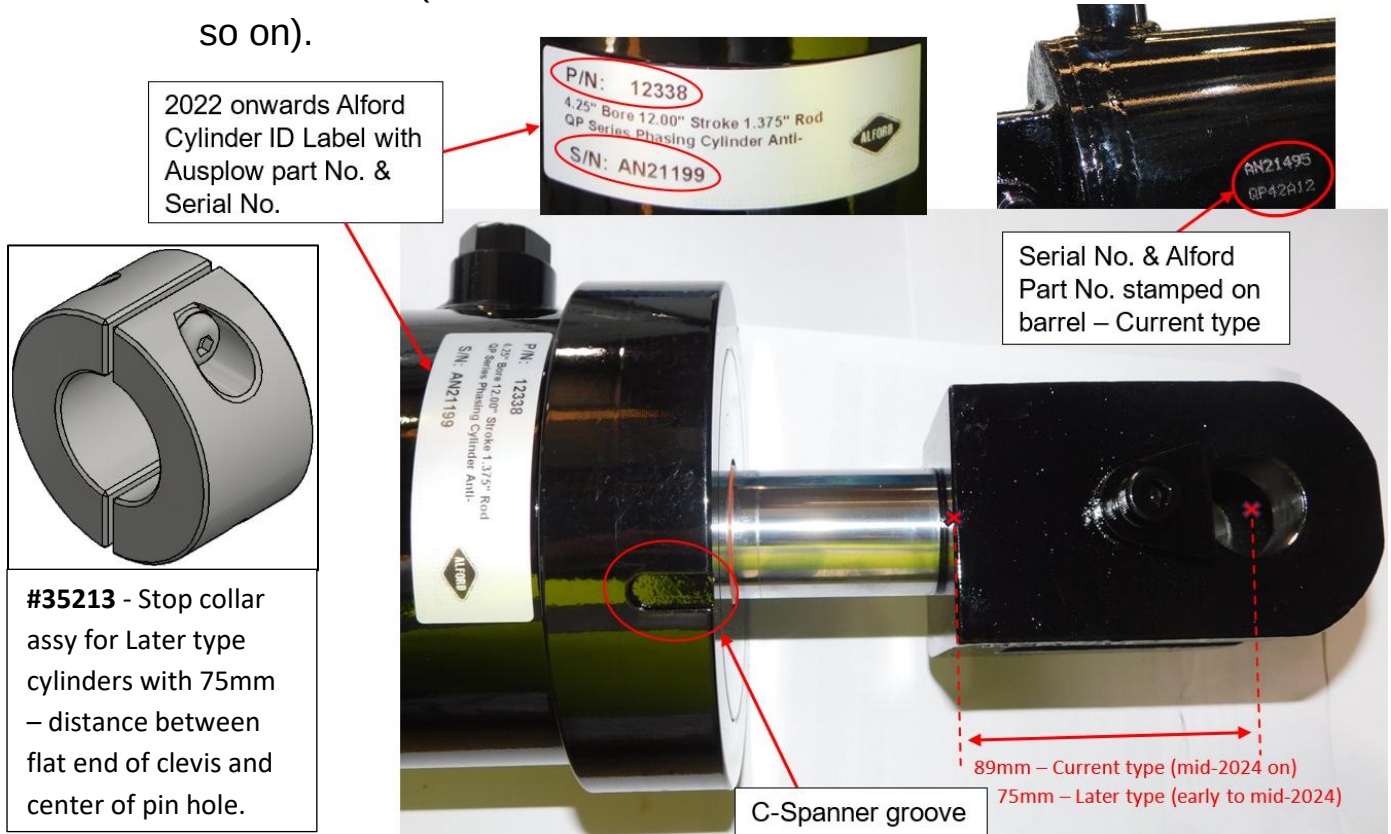


22.2 ALFORD Phasing / Wing Cylinders & Seal Kits

Up to 2009 and from 2022 on, Ausplow used Alford Cylinders.

In early 2024 the Alford cylinder was changed, and these current QP series cylinders now have the following features:

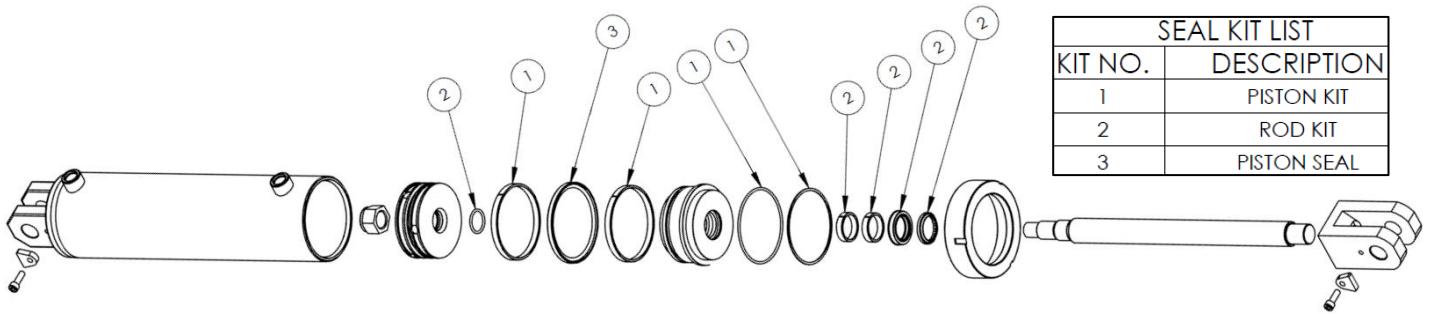
- C-Spanner groove instead of the hole.
- Distance from flat end of the clevis to center of pin hole is 89mm on Current type (mid-2024 on) and 75mm on Later type supplied between early to mid-2024.
- 'OOX-****' identification number is no longer stamped on cylinder.
- Prefix to the serial no. on Cylinder ID label represents year of manufacture (AK = 2022, AL = 2022, AM = 2023, AN = 2024 and so on).



For cylinders up to 2009 and between 2022 & early 2024 are identified using the format “OOX-****” found stamped on the base mounting lugs.

The first two letters are the design series, and the three digits give the cylinder bore diameter in inches (4.25”, 4.50”, 4.75”, 5.00” etc). The final letter, if present, indicates any special features of that series.



ALFORD CYLINDERS - early 2024 On**PHASING Cylinders and Seal Kits**

Cylinder Part #	Alford Code	Description	Seal Kit Part #	Seal Kit Description
12338	QP42A12S	HYD CYL - PHASING - 4.25"	03927	PISTON KIT
			03928	PISTON SEAL
			03929	ROD KIT
12339	QP45A12S	HYD CYL - PHASING - 4.50"	03930	PISTON KIT
			03931	PISTON SEAL
			03932	ROD KIT
12340	QP47A12S	HYD CYL - PHASING - 4.75"	03933	PISTON KIT
			03934	PISTON SEAL
			03932	ROD KIT
12341	QP50A12S	HYD CYL - PHASING - 5.00"	03942	PISTON KIT
			03943	PISTON SEAL
			03932	ROD KIT

WING FOLDING Cylinders and Seal Kits

Cylinder Part #	Alford Code	Description	Seal Kit Part #	Seal Kit Description
12334	GT40A42C12IS1N61	HYD CYL WING FOLD - 4.0 x 42 - 1.25" PINS	03061	SEAL KIT
12335	GT50A42C12IS1N61	HYD CYL WING FOLD - 5.0 x 42 - 1.25" PINS	03942	PISTON KIT
			03943	PISTON SEAL
			03944	ROD KIT
12336	GA55A42C12IR17C12IS	HYD CYL WING FOLD - 5.5 x 42 - 1.25" PINS	03937	PISTON KIT
			03938	PISTON SEAL
			03939	ROD KIT
12337	GA60A42C12IR17C12IS	HYD CYL WING FOLD - 6.0 x 42 - 1.25" PINS	03940	PISTON KIT
			03941	PISTON SEAL
			03939	ROD KIT

LATER ALFORD CYLINDERS - between 2022 & early 2024**PHASING Cylinders and Seal Kits**

Cylinder Part #	Description	Seal Kit Part #	Cylinder ID
12338	HYD CYL - PHASING - 4.25"		OOX-7041RP
	SEAL KIT PHASING CYL - 4.25" ALFORD	05196	
12339	HYD CYL - PHASING - 4.50"		OOX-7042RP
	SEAL KIT PHASING CYL - 4.50" ALFORD	05197	
12340	HYD CYL - PHASING - 4.75"		OOX-7043RP
	SEAL KIT PHASING CYL - 4.75" ALFORD	05198	
12341	HYD CYL - PHASING - 5.00"		OOX-7044RP
	SEAL KIT PHASING CYL - 5.00" ALFORD	05199	

WING FOLDING Cylinders and Seal Kits

Cylinder Part #	Description	Seal Kit Part #	Cylinder ID
12334	HYD CYL WING FOLD - 4.0 x 42 - 1.25" PINS		OOX-6392GT
	SEAL KIT WING FOLD CYL - 4.0" ALFORD	03061	
12335	HYD CYL WING FOLD - 5.0 x 42 - 1.25" PINS		OOX-4796GT
	SEAL KIT WING FOLD CYL - 5.0" ALFORD	03062	
12336	HYD CYL WING FOLD - 5.5 x 42 - 1.25" PINS		OOX-8009GT
	SEAL KIT WING FOLD CYL - 5.5" ALFORD	03063	
12337	HYD CYL WING FOLD - 6.0 x 42 - 1.25" PINS		OOX-8098GT
	SEAL KIT WING FOLD CYL - 6.0" ALFORD	03064	

OLD TYPE ALFORD CYLINDERS - up to 2009

<u>Date First Supplied</u>	<u>OOX-****</u>	<u>Series & Size</u>	<u>Seal Kit I.D</u>	<u>Seal Kit Part No</u>	<u>Replacement Cylinder</u>
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PHASING CYLINDERS

Jan 92	1319	PH42	PH425	01323	}	Replaced by 05001, 5002, 05003, 05004 as these kits fit PH & PS cylinders. Discard O Ring if fitting PS cylinder and discard metal canned wiper & small O Ring when fitting to PH cylinders.
	1320	PH45	PH450	01322		
	1321	PH47	PH475	01321		
	1322	PH50	PH500	01320		
Mid 96	3119	PH42	PH425S	05001		12338
	3120	PH45	PH450S	05002		12339
	3121	PH47	PH475S	05003		12340
	3122	PH50	PH500S	05004		12341
Nov 96	3182	PS42	PS425CW	05001		12338
	3183	PS45	PS450CW	05002		12339
	3184	PS47	PS475CW	05003		12340
	3185	PS50	PS500CW	05004		12341
Sep 97	3639	PS425SP	PSA425CW	05510		12338
	3640	PS450SP	PSA450CW	05511		12339
	3641	PS475SP	PSA475CW	05512		12340
	3642	PS500SP	PSA500CW	05513		12341
Feb 98	3824	TR425	TR425	05196		12338
	3825	TR450	TR450	05197		12339
	3826	TR475	TR475	05198		12340
	3827	TR500	TR500	05199		12341
Sep 04	7041	TR425	TR425A	05196		12338
	7042	TR450	TR450A	05197		12339
	7043	TR475	TR475A	05198		12340
	7044	TR500	TR500A	05199		12341

WING FOLD CYLINDERS - Size Bore Dia x Stroke Length in Inches

				<u>Part No</u>	
Jan 92	N/A	AR35A36	AR350CS	01629	
Sep 97	3638	GS50A36	GS500-175	05200	1 3/4" Rod
Sep 98	4087	GS50A36	GS500-175	05200	1 3/4" Rod
Nov 99	4796	GS50A42	GS500-175	05200	1 3/4" Rod
Feb 02	5921(8009)	TR550A42	TR550	05569	
Feb 03	6392	GS40A42	GS400A	05676	
		AR40A36	AR400	11936	1 3/4" Rod
		AR60A36	AR600-300		3" Rod
		AR60A36	AR600-400		4" Rod

22.3 BAKER Phasing / Wing Cylinders & Seal Kits

From 2009 to 2022 Baker series Phasing and Wing Fold cylinders were used.

PHASING Cylinders and Seal Kits – BAKER 2009 On

Cylinder Part #	Description	Seal Kit Part #	Description
12338	HYD CYL - PHASING - 4.25"	12398	SEAL KIT PHASING CYL - 4.25" BH
12339	HYD CYL - PHASING - 4.50"	12399	SEAL KIT PHASING CYL - 4.50" BH
12340	HYD CYL - PHASING - 4.75"	12400	SEAL KIT PHASING CYL - 4.75" BH
12341	HYD CYL - PHASING - 5.00"	12401	SEAL KIT PHASING CYL – 5.00" BH

WING FOLD Cylinders and Seal Kits - BAKER 2009 On

Cylinder Part #	Description	Seal Kit Part #	Description
12391	HYD CYL WING FOLD - 4.0 x 42 - 1.00" PINS NLA – Use Wing Fold Cyl Upgrade Kit	12395	SEAL KIT WING FOLD CYL - 4.0"
12334	HYD CYL WING FOLD - 4.0 x 42 - 1.25" PINS	11932	SEAL KIT WING FOLD CYL - 4.0"
12392	HYD CYL WING FOLD - 5.0 x 42 - 1.00" PINS NLA – Use Wing Fold Cyl Upgrade Kit	12396	SEAL KIT WING FOLD CYL - 5.0"
12335	HYD CYL WING FOLD - 5.0 x 42 - 1.25" PINS	11933	SEAL KIT WING FOLD CYL - 5.0"
12393	HYD CYL WING FOLD - 5.5 x 42 - 1.00" PINS NLA – Use Wing Fold Cyl Upgrade Kit	12397	SEAL KIT WING FOLD CYL - 5.5"
12336	HYD CYL WING FOLD - 5.5 x 42 - 1.25" PINS	11934	SEAL KIT WING FOLD CYL - 5.5"
12337	HYD CYL WING FOLD - 6.0 x 42 - 1.25" PINS	11935	SEAL KIT WING FOLD CYL - 6.0"

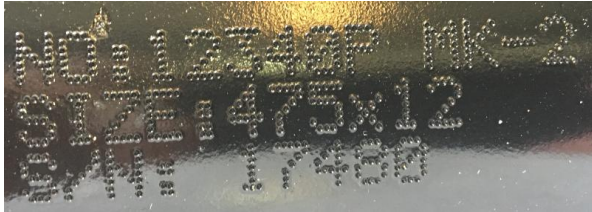
Please Note:

This bar was fitted with a **Baker Prototype** cylinders.

DBS1318 D260-59 2017 H&N – Corrigin

These **phasing cylinders have a different seal kit** to the standard Baker cylinder.

These prototype cylinders have a “P” in the part number, ie: 12340P



Seal kits for these Baker Prototype cylinders are:

- 02283 Seal Kit for 12340P MK1 Baker 4.75x12 Phasing Cylinder
- 02284 Seal Kit for 12339P MK1 Baker 4.50x12 Phasing Cylinder
- 02285 Seal Kit for 12338P MK1 Baker 4.25x12 Phasing Cylinder and
- 02286 Seal Kit for 12341P MK1 Baker 5.00x12 Phasing Cylinder
- 02287 Seal Kit for 12340P MK2 Baker 4.75x12 Phasing Cylinder
- 02288 Seal Kit for 12339P MK2 Baker 4.50x12 Phasing Cylinder
- 02289 Seal Kit for 12338P MK2 Baker 4.25x12 Phasing Cylinder and
- 02290 Seal Kit for 12341P MK2 Baker 5.00x12 Phasing Cylinder

22.4 PTE Phasing Cylinders Seal Kits

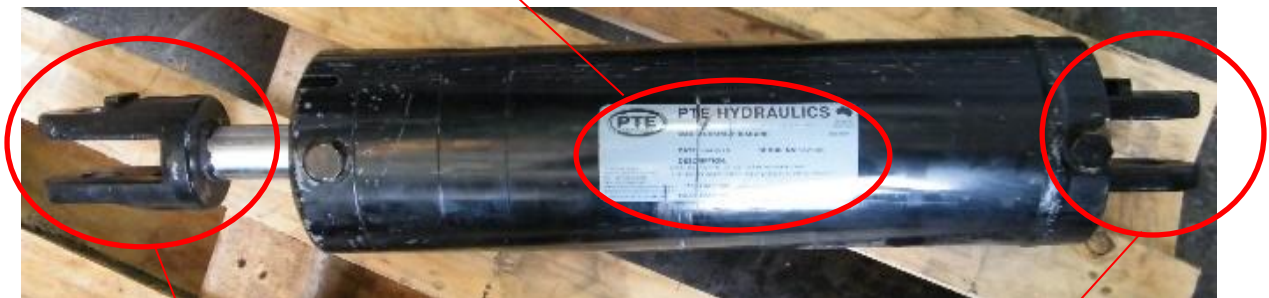
During 2019 DBS 1447 (Narembreen) & DBS1450 (Moora) were fitted with **PTE type phasing cylinders**.

1 x 5” PTE cylinder was fitted to DBS1463 (Quairading).

These cylinders have different seal kits than Baker/Alford cylinders.

PHASING Cylinder Seal Kits – PTE Only

Part No	Description
05956	SEAL KIT 4.25" PHASING CYL – PTE Type only
05957	SEAL KIT 4.50" PHASING CYL – PTE Type only
05958	SEAL KIT 4.75" PHASING CYL – PTE Type only
05959	SEAL KIT 5.0" PHASING CYL – PTE Type only



22.5 1" Wing Fold Cylinders Conversion to 1.25"

Since late 2009, all Ausplow DBS have been manufactured with a 1 ¼" pin on all the wing folding cylinders. Previous to this, Ausplow used a 1" wing fold pin. The change was due to Ausplow's hydraulic cylinder supplier no longer manufacturing or supporting wing fold cylinders that take a 1" pin.

This change by our supplier also means that all larger model DBS machines (**59-260E, 60-260E, 64-260E, 70-260E, 55-300E, 59-300E, 61-300E & 60-300T** manufactured prior to serial number DBS833), which currently have the 1" inner wing fold pin and need a replacement inner wing fold hydraulic cylinder, must upgrade the wing fold area to accept the 1 ¼" pins.

Ausplow strongly recommends not using a 1" pin with bushes or drilling out 1" holes to accept 1 ¼" pins on the models listed above.

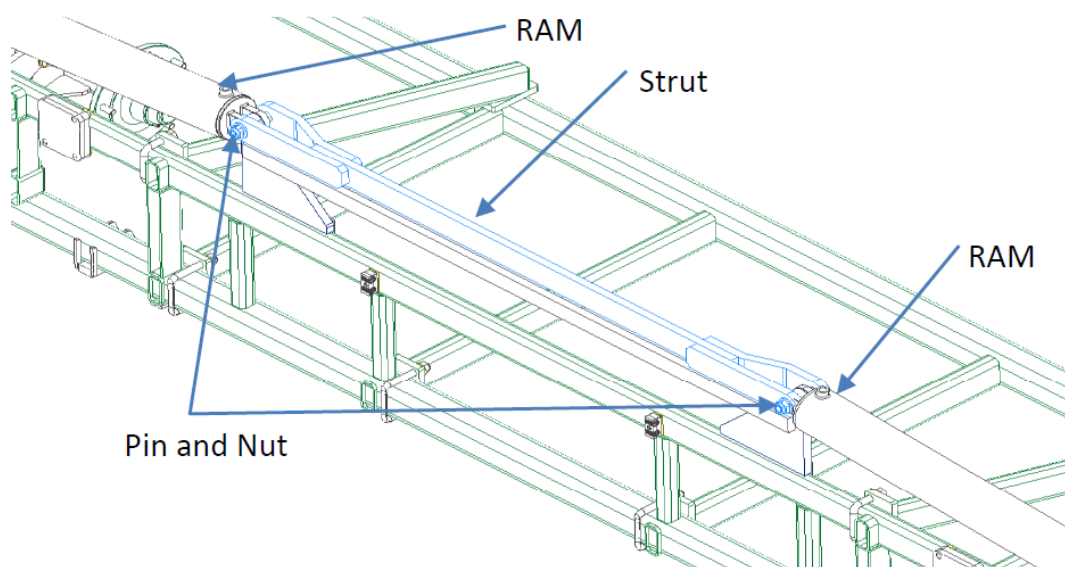
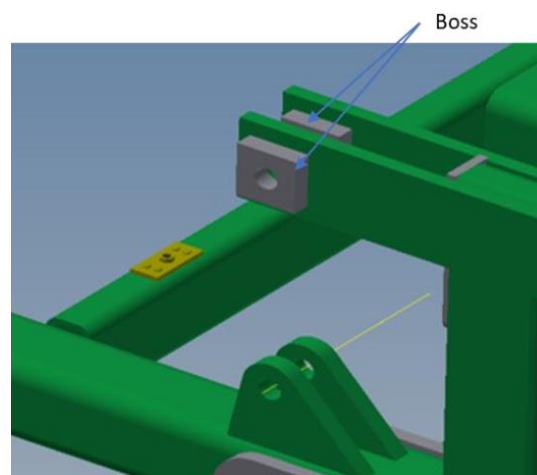
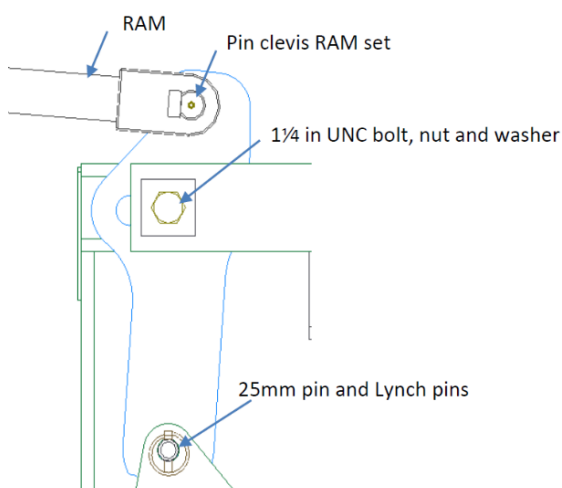
Part No Description

16400	Wing Fold Cyl Upgrade Kit 59-260E
16396	Wing Fold Cyl Upgrade Kit 60/64-260E
16397	Wing Fold Cyl Upgrade Kit 70-260E
16398	Wing Fold Cyl Upgrade Kit 55/59/61-300E
16399	Wing Fold Cyl Upgrade Kit 60-300T

The Wing Fold Upgrade Kits consist of two new 1.25" pin 5.5" or 6" Wing Fold Cylinders, two Wing Lift Arms, Strut Kit, Frame Bosses, Pin and Bolts.

Two bosses are to be fully welded to the frame if not already fitted.

The lug which secures the base of the wing fold cylinder and the frame bosses will require drilling out to 32mm using a mag drill. The new wing fold cylinders, wing lift arms (fish plates) and strut kit are then fitted in accordance with the fitting instructions supplied with each kit.



3 Frame Machines

For older (Pre DBS833) **single fold** machines and double fold **outer wing** fold cylinders that have 1" pin, 4" or 5" wing fold cylinders, the current 1.25" pin wing folding cylinder can be used as a replacement cylinder when they are fitted with a special bush.

This bush is supplied separately and four are required for each cylinder when ordering the current 1.25" pin wing fold cylinders.

#13458 Bush 1.0"ID x 1.25"OD x 1.0"W



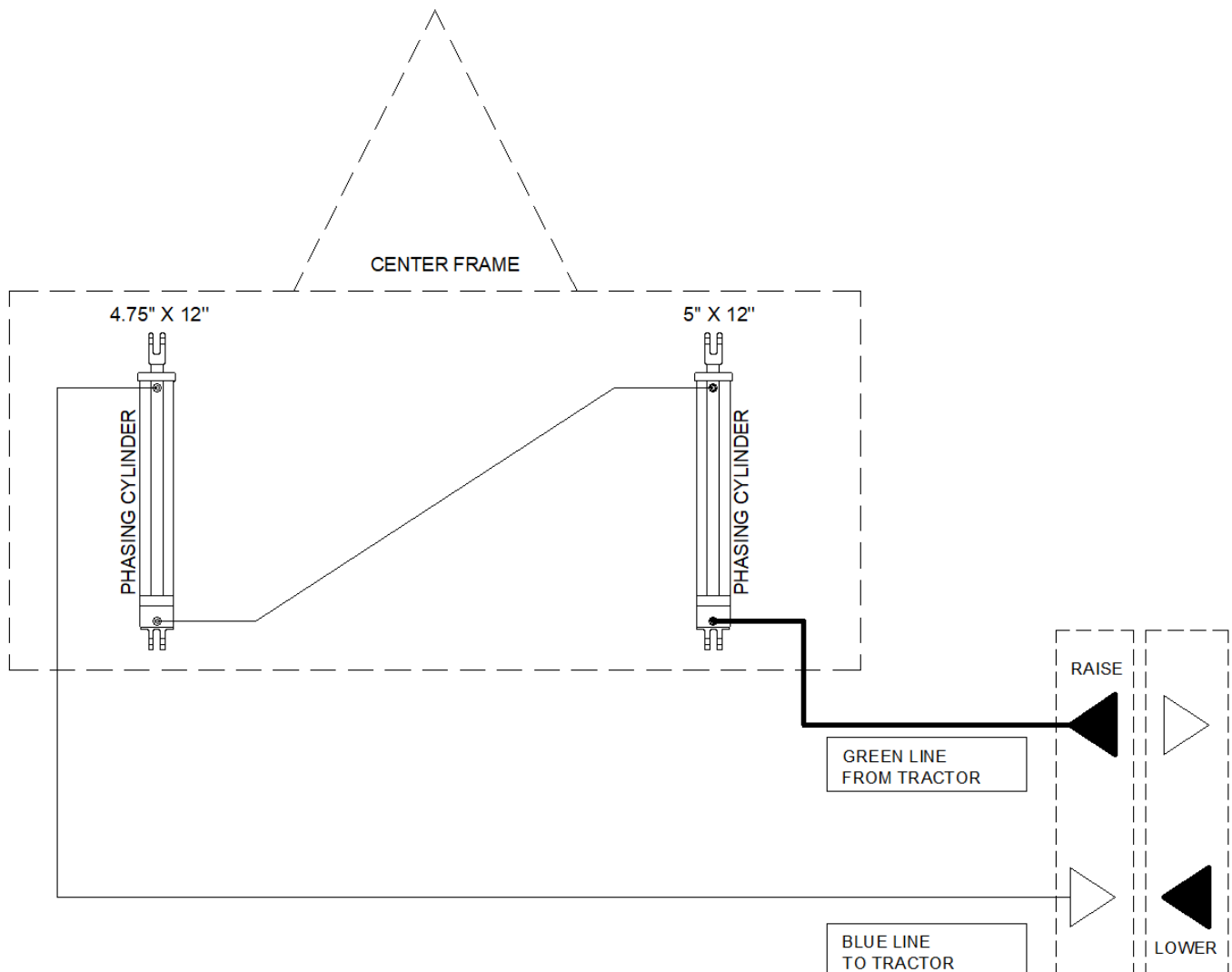
23.0 Phasing Cylinder Layout

As a general guide the phasing cylinders (also referred as depth or wheel lift cylinders) are located on DBS Bars as shown below. When identifying the right and left sides, the Bar is viewed from the rear looking towards the drawbar.

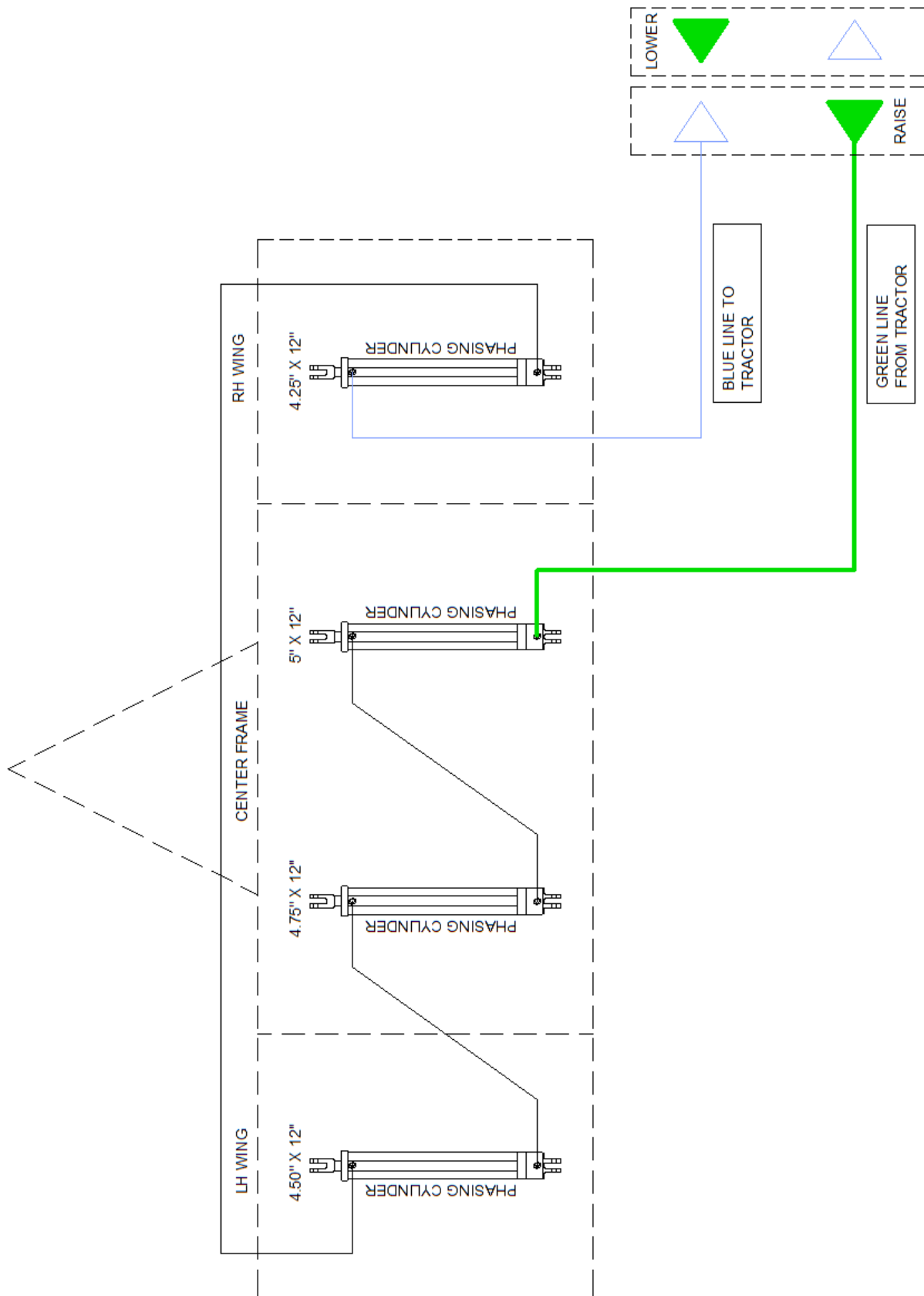
Please note that earlier 5 Frame Bars were fitted with 5" phasing cylinders, so it is important to locate the identification numbers on the cylinders to ensure correct cylinder size is ordered.

Please Note: It is always best to identify the cylinder by the markings on the cylinder to ensure correct cylinder identification.

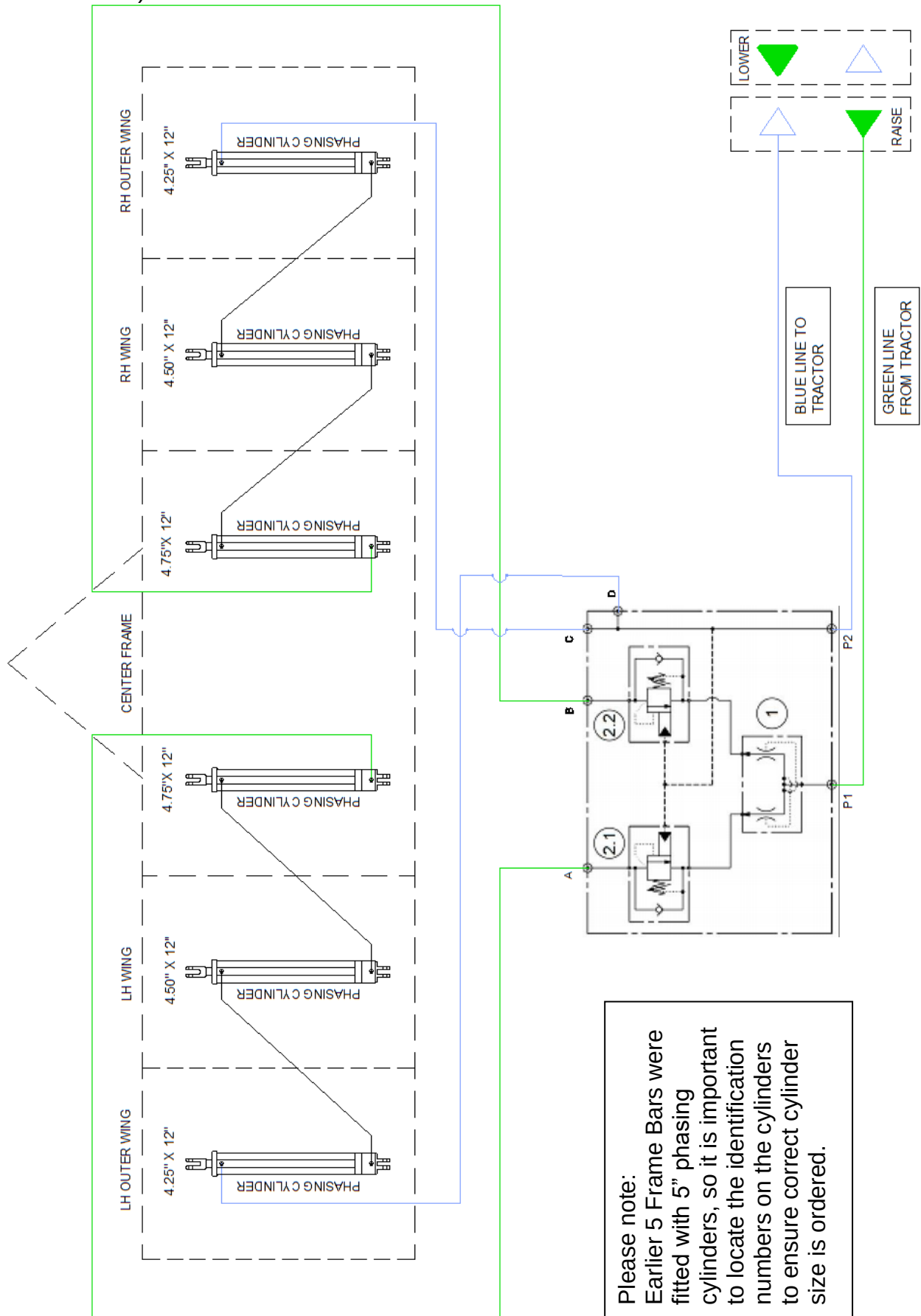
23.1 Single Frame Wheel Lift (Phasing) Cylinders



23.2 3 Frame Wheel Lift (Phasing) Cylinders

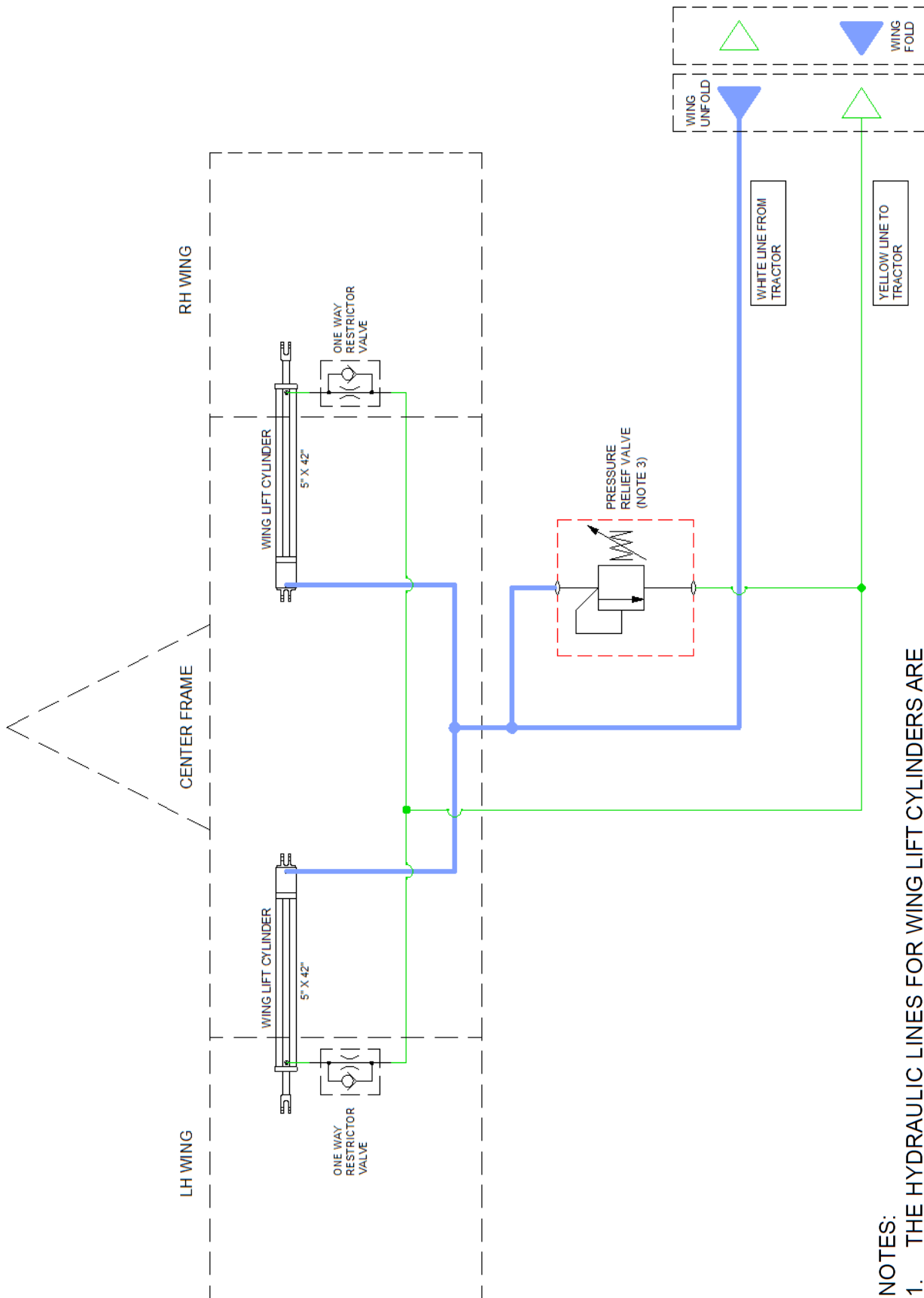


23.3 5 Frame Wheel Lift (Phasing) Cylinders (with 90L flow divider 2019)

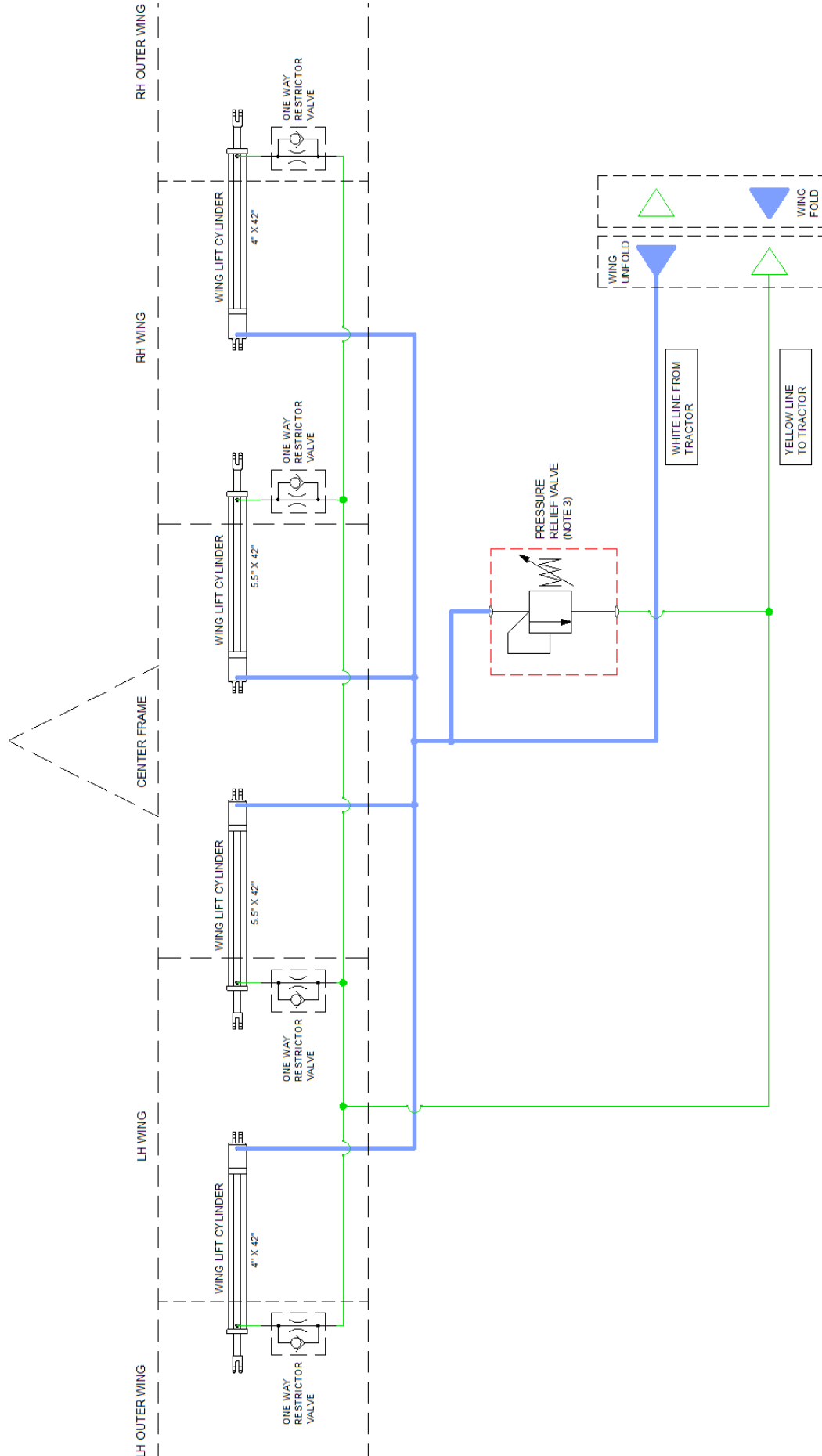


24.0 Wing Folding Cylinder Layout

24.1 3 Frame Wing Folding Cylinders



24.2 5 Frame Wing Folding Cylinders



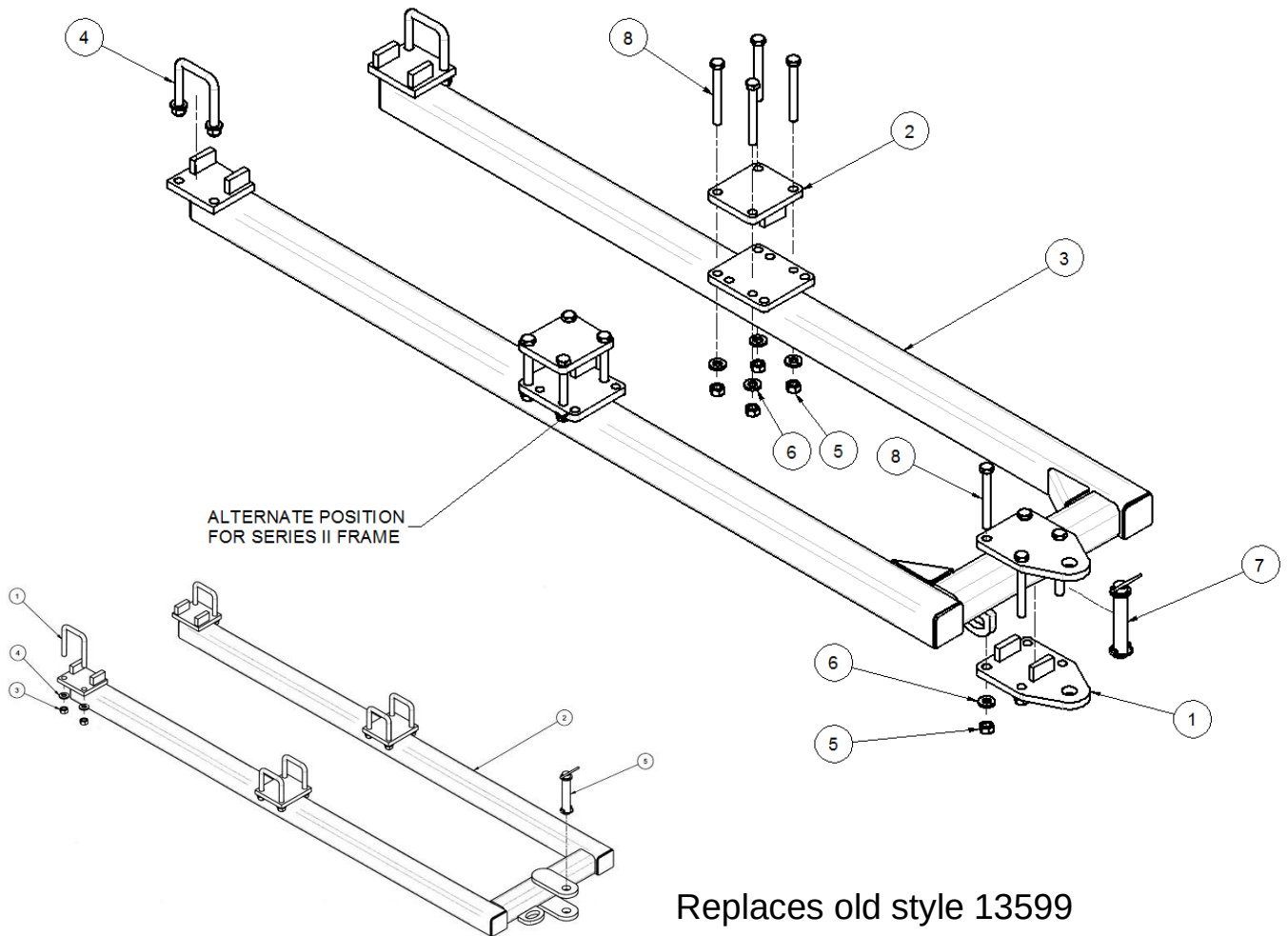
NOTES:

1. THE HYDRAULIC LINES FOR WING LIFT CYLINDERS ARE MARKED IN
2. THE HYDRAULIC KIT AS "WING LIFT".
3. MODEL D260-70 BOTH INNER CYLINDERS ARE 6X42" AND OUTER CYLINDERS ARE SAME AS PER THIS SCHEMATIC DIAGRAM.
4. PRESSURE RELIEF SET AT 3792 KPA (550 PSI) MAX FLOW RATE 20L/m.

25.0 Rear Tow Hitches

25.1 Rear Tow Hitch - Narrow

SUITS ALL BARS **EXCEPT**: D300-49, 51, 55, 60T, 61, D260-59, all D381s

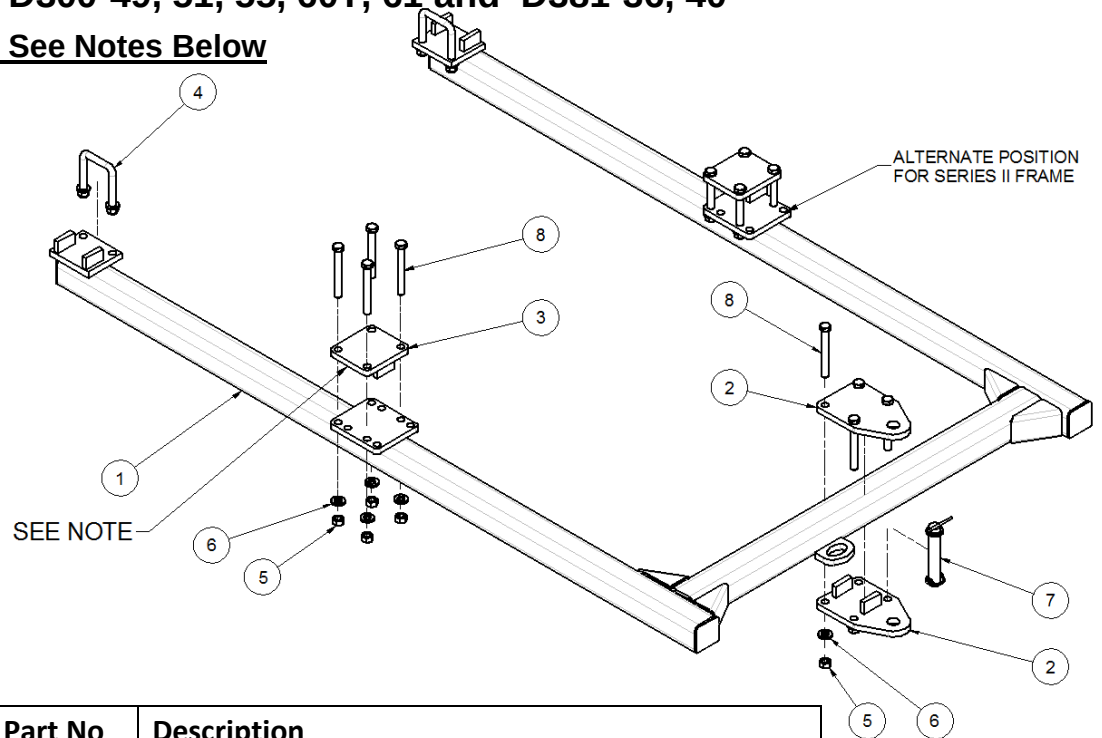


Item #	Qty	Part No	Description
All	1	13599	REAR TOW HITCH KIT - NARROW
1	2	27839	REAR TOW BAR LUG
2	2	27856	REAR TOW BAR TOP MOUNTING PLATE ASSY
3	1	13600	DOUBLE BEAM TOW BAR NARROW
4	2	34583	U BOLT SET M20 x 102 x 150mm SS (Replaces 05438)
5	12	09041	NUT M20
6	12	09042	WASHER SPRING M20
7	1	09221	PIN KIT 35mm (1 3/8") x 185mm c/w LYNCH PIN
8	12	09312	BOLT M20 x 170mm

25.2 Rear Tow Hitch – Double Beam

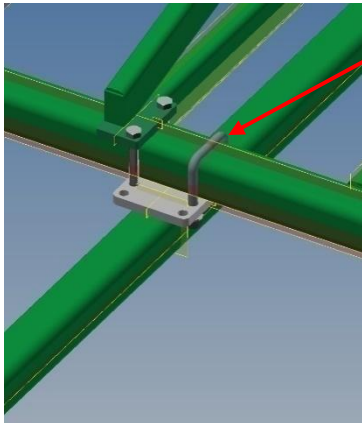
SUITS BARS: D300-49, 51, 55, 60T, 61 and D381-36, 40

For D260-59 – See Notes Below



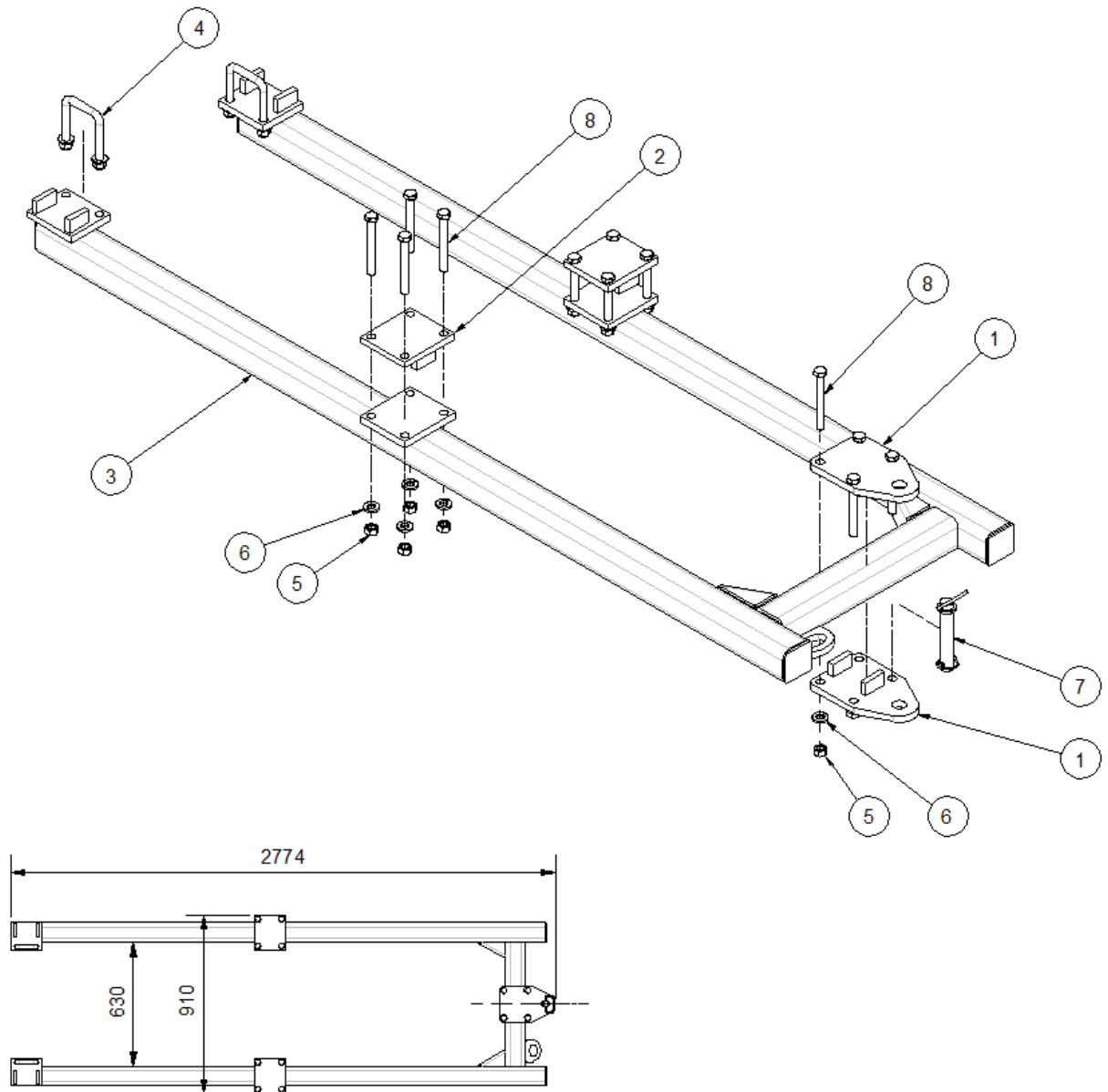
Item #	Qty	Part No	Description
All	1	27840	REAR TOW HITCH KIT – DOUBLE BEAM
1	1	27835	DOUBLE BEAM TOW BAR
2	2	27839	REAR TOW BAR LUG
3	2	27856	REAR TOW BAR TOP MOUNTING PLATE ASSY
4	2	34583	U BOLT SET M20 x 102 x 150mm SS (Replaces 05438)
5	12	09041	NUT M20
6	12	09042	WASHER SPRING M20
7	1	09221	PIN KIT 35mm (1 3/8") x 185mm c/w LYNCH PIN
8	12	09312	BOLT M20 x 170mm

NOTE: IF TOW HITCH BUILDS ON D260-59 MACHINE SERIES I
TOP MOUNTING PLATE 027856, BOLT 9312 2x, WASHER 9042 2x
AND NUT 9041 2x REPLACED WITH U BOLT 34583 1x



Use #27840-A for pre 2019
Series I D260-59

25.3 Rear Tow Hitch – D381-28, 32, 44, 48



Item #	Qty	Part No	Description
All	1	28146	REAR TOW HITCH KIT – D381-28, 32, 44, 48
1	2	27839	REAR TOW BAR LUG
2	2	27856	REAR TOW BAR TOP MOUNTING PLATE ASSY
3	1	28145	DOUBLE BEAM TOW BAR – D381
4	2	34583	U BOLT SET M20 x 102 x 150mm SS (Replaces 05438)
5	12	09041	NUT M20
6	12	09042	WASHER SPRING M20
7	1	09221	PIN KIT 35mm (1 3/8") x 185mm c/w LYNCH PIN
8	12	09312	BOLT M20 x 170mm

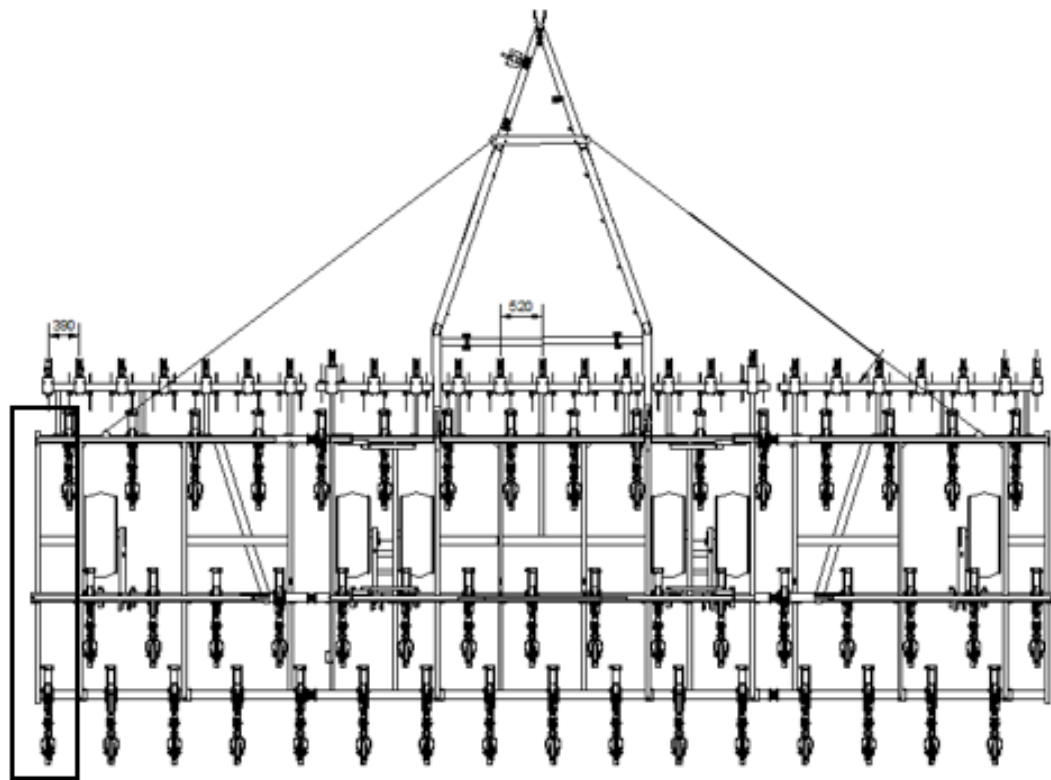
26.0 Wing Extensions – 3 Frame Machines

Ausplow policy on DBS tine extensions is as follows.

Single Wheel on Wing

- No more than three tines can be placed outside a single wing wheel.

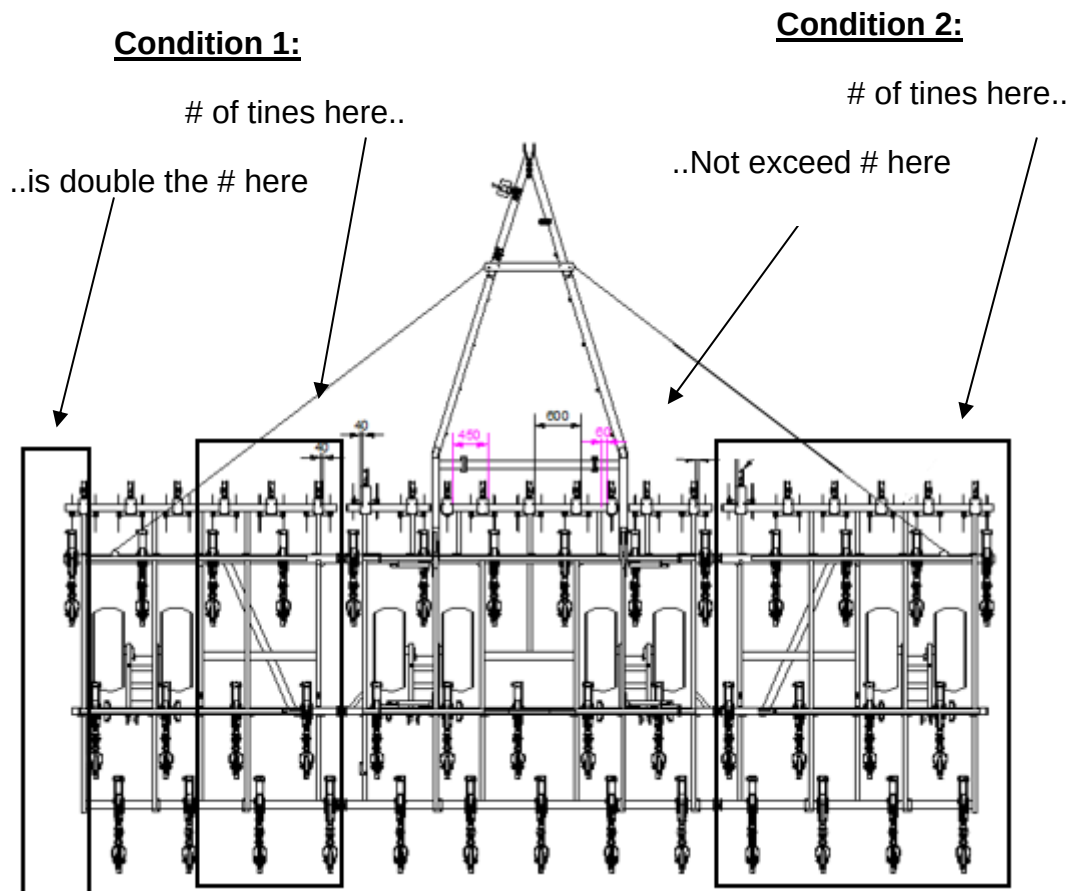
Therefore, if the machine is a 48-260E and already has 2 tines outside the wing wheels, only one additional tine should be added.



Max 3 Tines allowed outside the
single wheel wing

Dual Wheel Wing

- On larger wings fitted with dual wheels, it is possible to fit larger extensions if:
 - The number of tines between the wing hinge point and the inside of the inner wheels is at least double the number of tines outside the wheels.....(**Condition 1**) and,
 - The total number of tines on a wing cannot exceed the number of tines on the centre frame.....(**Condition 2**).



- In some cases, larger wing lift rams will be required,
- In some cases, cable support kit number #11211 will need to be fitted to counter the additional forces placed on the wing,
- **Tine extensions cannot be fitted to 5 frame machines.**

26.1 Wing Extension Components

The tables below show what bars can have wing extensions and the parts required. Not all bars allow extensions and limitations are imposed on the number of tines allowed to ensure the structural strength of the frame is not compromised.

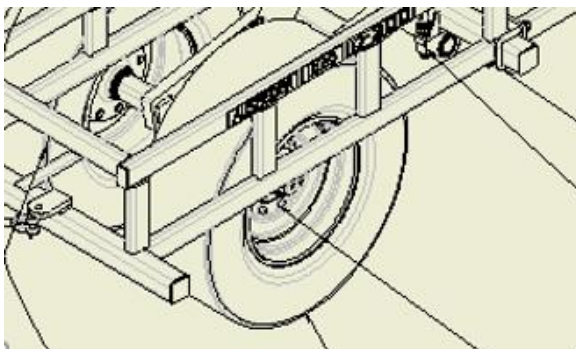
You will need the machine model number, then use table in Part 1 to identify what extensions are possible and the recommended Wing Extension.

Use the table in Part 2 to identify the:

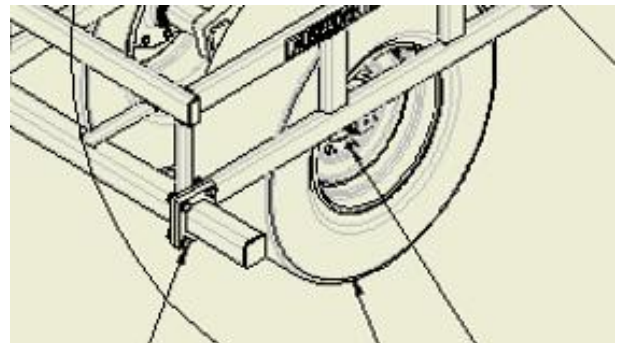
- the frame,
- the frame attaching hardware,
- other hardware for the tine,
- then determine what version tine is to be fitted and the type:
 - of Blade,
 - Closing Tool,
 - Fert and Seed boot,
 - Press Wheel,
 - and Scraper (see the Tine Spare parts Manual for details).

It is advisable to get pictures of the end of the bar where the extensions are to be added to ensure the selected frame will match.

SOLID TINE STUB



BOLT ON TINE STUB

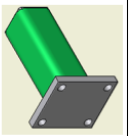
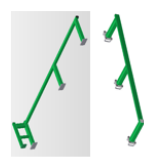
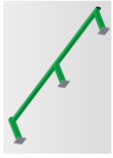
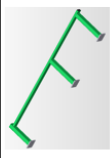
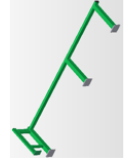
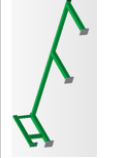
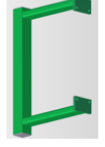


DBS Wing Extensions Table - Part 1

Model	Outer Wing Axle	Single Tyre Outer Wing Tines Outside the Wheels (max of 3)	Dual Tyre Outer Wing Cond 1: Tines hing to inner wheel/Tines outside wheel Cond 2: Tines on wing/Tines on centre frame	Recommended Extensions according to policy	Max No of Extra Tines added per machine
36-260N	Single	2		A1	2
42-260N	Single	2		A1	2
46-260N	Dual		Cond 1: 9/1 Cond 2: 15/16	Nil due to the dig width 12.11m specifically	0
48-260N	Single	2		A1	2
48-260N	Dual		Cond 1: 9/2 Cond 2: 16/16	Nil due to Cond 2	0
32-300N	Single	0		A1 or B1	4
36-300N	Single	2		A2	2
40-300N	Single	1		B2 - Solid tine stub	4
40-300N	Dual		Cond 1: 6/1 Cond 2: 12/16	B2 - Solid tine stub	4
48-260E	Single	2		A1	2
48-260E	Dual		Cond 1: 6/2 Cond 2: 13/22	A1 - due to Cond 1	2
54-260E	Dual		Cond 1: 9/2 Cond 2: 16/22	A1 or B1	4
60-260E	Dual		Cond 1: 9/5 Cond 2: 19/22	Nil	0
39-300E	Single	2		A1	2
43-300E	Single	2		A1	2
43-300E	Dual		Cond 1: 6/1 Cond 2: 12/19	B2 - Solid tine stub	4
49-300E	Dual		Cond 1: 9/1 Cond 2: 15/19	A1, B1 or C2	6
D260-32	Single	0		A1, B1 or C1	6
D260-36	Single	2		A1	2
D260-42-6	Single	2		A1	2
D260-42-8	Dual		Cond 1: 6/2 Cond 2: 13/16	A1 - due to Cond 1	2
D260-48N	Dual		Cond 1: 9/2 Cond 2: 16/16	Nil due to Cond 2	0
D260-48E-6	Single	2		A1	2
D260-48E-8	Dual		Cond 1: 6/2 Cond 2: 13/22	A1 - due to Cond 1	2
D260-54	Dual		Cond 1: 9/2 Cond 2: 16/22	A1 or B1	4
D300-32	Single	0		A1, B1 or C2	6
D300-36	Single	2		A1	2
D300-40-6	Single	1		B2 - Solid tine stub	4
D300-40-8	Dual		Cond 1: 6/1 Cond 2: 12/16	B2 - Solid tine stub	4
D300-46	Dual		Cond 1: 9/2 Cond 2: 15/16	B1 - Remove bolted tine stub, add 1 extra tine	2
D300-49	Dual		Cond 1: 9/1 Cond 2: 15/19	C2 - Remove bolted tine stub, add 2 extra tines	4
D300-51	Dual		Cond 1: 9/2 Cond 2: 16/19	B1	4

#34414 2 Tine Extension Kit D260-32 Series II

DBS Wing Extensions Table - Part 2

No of Tines added to each wing	Wing Extension Frame	U-Bolts/Plates/Nuts and Bolts to attach extension frame to the wing	Other Fittings Required to attach to tine assemblies	Coulter Wing Extension Frame
1 Time Extension				
A1	 11558 - Wing Extension 1 Time Stub (296mm OAL)	If plate fitted to wing: 4 x 05837 - Bolt Set M20 x 65mm If no plate fitted to wing: 2 x 05437 - U Bolt Set M20 x 102 x 100	For 260mm Spacing Bars: 1 x 05561 - Hyd Hose 3/8 x 1.4m 1 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM For 300mm Spacing Bars: 1 x 05557 - Hyd Hose 3/8 x 1.55m 1 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM	 11556 - Coulter Bar Ext 1 Time May also require: 1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05837 - Bolt Set M20 x 65mm 1 x 05438 - U Bolt Set M20x102x150mm
A2	 07305 - Wing Extension 1 Time (40-300N Only)	1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05437 - U Bolt Set M20 x 102 x 100 4 x 05837 - Bolt Set M20 x 65mm		
2 Time Extension				
B1	 08874 - Wing Ext 2 Time 260E/300N LH 08875 - Wing Ext 2 Time 260E/300N RH (595mm Wide) 34414 - Wing Ext 2 time kit D260 - Series II bar	6 x 05437 - U Bolt Set M20 x 102 x 100 2 x 05837 - Bolt Set M20 x 65mm	For 260mm Spacing Bars: 2 x 05561 - Hyd Hose 3/8 x 1.4m 2 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM For 300mm Spacing Bars: 2 x 05557 - Hyd Hose 3/8 x 1.55m 2 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM	 11565 - Coulter Bar Ext 2 Time May also require: 1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05837 - Bolt Set M20 x 65mm 1 x 05438 - U Bolt Set M20x102x150mm
B2	 11466 - Wing Extension 2 Time 300 LH 11465 - Wing Extension 2 Time 300 RH (870mm Wide)	1 x 01192 - Mount Plate 180 x 160 x 20mm 5 x 05437 - U Bolt Set M20 x 102 x 100 4 x 05837 - Bolt Set M20 x 65mm		
B3	 Part # 11616 - Wing Extension 2 Time 260 Part # 11618 - Wing Extension Kit 2 Time 260 (Old style flat frame)	1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05437 - U Bolt Set M20 x 102 x 100 4 x 05837 - Bolt Set M20 x 65mm		
B4	 Part # 07928 - Wing Extension 2 Time 260S (836mm Wide)	1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05437 - U Bolt Set M20 x 102 x 100 4 x 05837 - Bolt Set M20 x 65mm		
3 Time Extension				
C1	 08482 - Wing Ext 3 Time 260E LH 08483 - Wing Ext 3 Time 260E RH (790mm Wide)	6 x 05437 - U Bolt Set M20 x 102 x 100 2 x 05837 - Bolt Set M20 x 65mm	For 260mm Spacing Bars: 3 x 05561 - Hyd Hose 3/8 x 1.4m 3 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM For 300mm Spacing Bars: 3 x 05557 - Hyd Hose 3/8 x 1.55m 3 x 01113 - Tee 3/4 JICM/M x 3/8 BSPTM	 08608 - Coulter Bar Ext 3 Time - 260E May also require: 2 x 05438 - U Bolt Set M20x102x150mm
C2	 05685 - Wing Extension 3 Time 300E LH 05451 - Wing Extension 3 Time 300E RH (940mm Wide)	6 x 05437 - U Bolt Set M20 x 102 x 100 2 x 05837 - Bolt Set M20 x 65mm		 05452 - Coulter Bar Ext 3 Time - 300E May also require: 2 x 05438 - U Bolt Set M20x102x150mm
C3	 05476 - Wing Extension 3 Time 260S (1096mm Wide)	1 x 01192 - Mount Plate 180 x 160 x 20mm 4 x 05437 - U Bolt Set M20 x 102 x 100 4 x 05837 - Bolt Set M20 x 65mm		

27.0 Liquid System – Nozzle Type

27.1 Version 3 Tine – Nozzle Type Liquid System

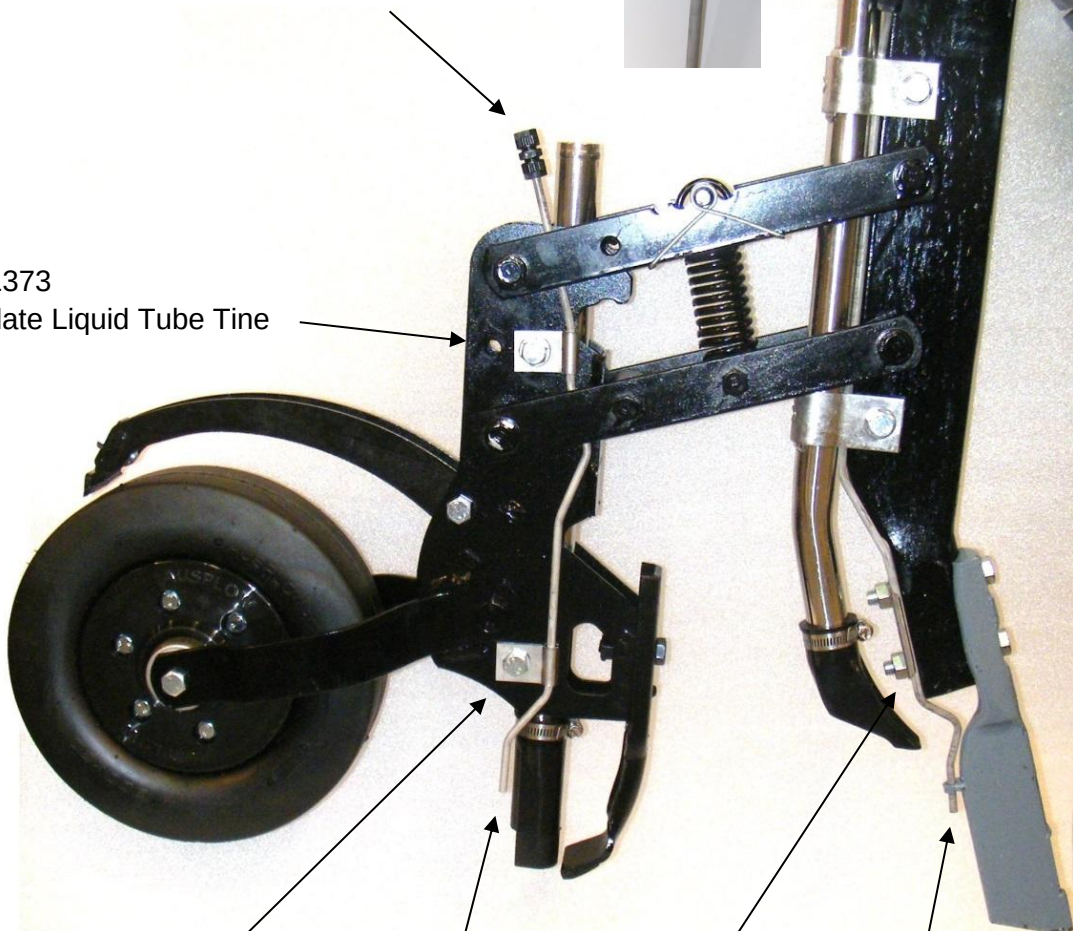


Part # 09735
Straight Coupling 6mm to 6mm Push on

Replaces #11364 Screw on Adaptor



Part # 11373
Clamp Plate Liquid Tube Tine



Part # 09415
Bolt M12 x 55mm

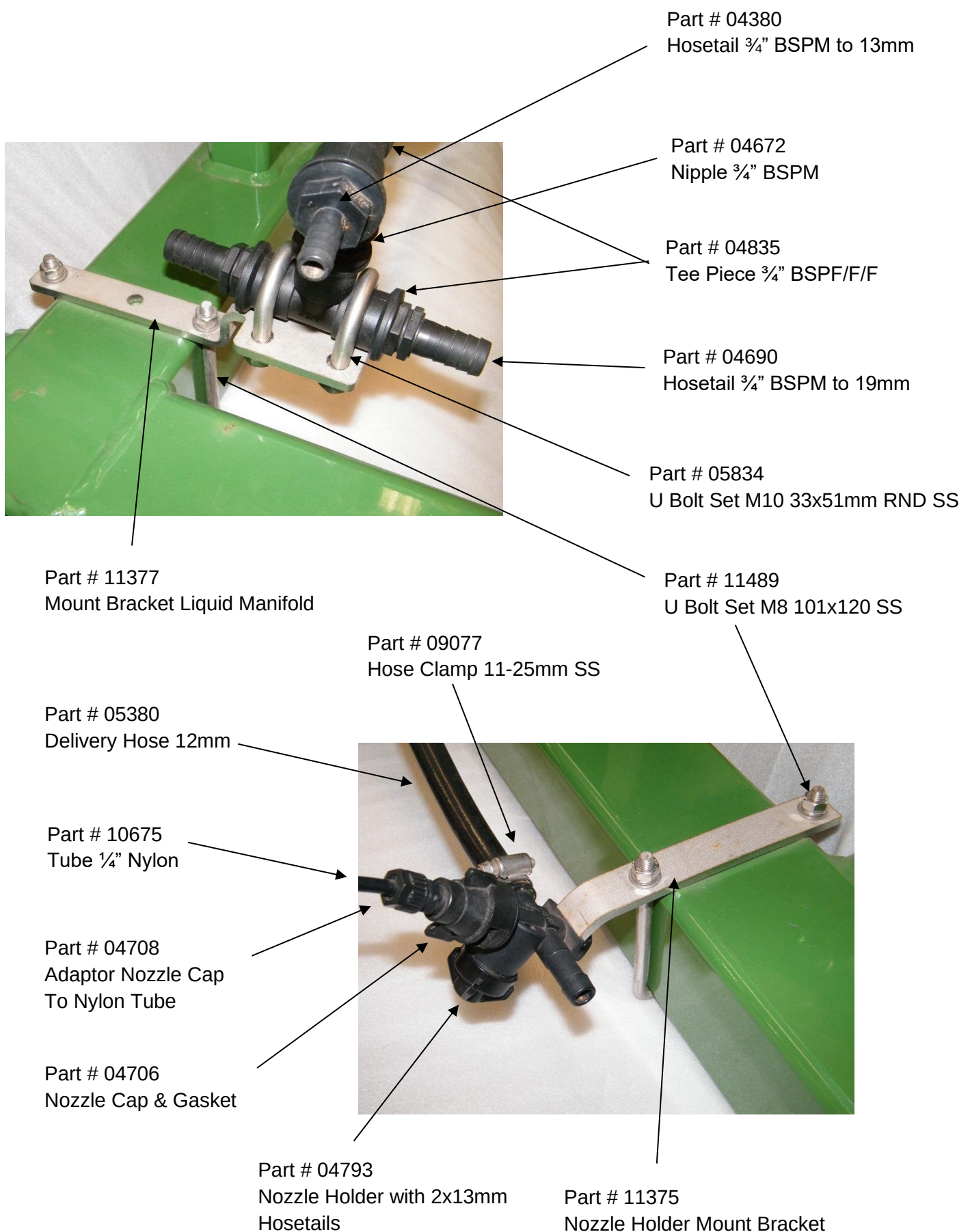
Part # 09009
Nut M12 Conelock

Part # 11381
Liquid Tube SS Seed

Part # 11372
Clamp Plate Liquid
Tube Shank

Part # 11363
Liquid Tube SS Deep Banding

27.2 Nozzle Liquid System Parts



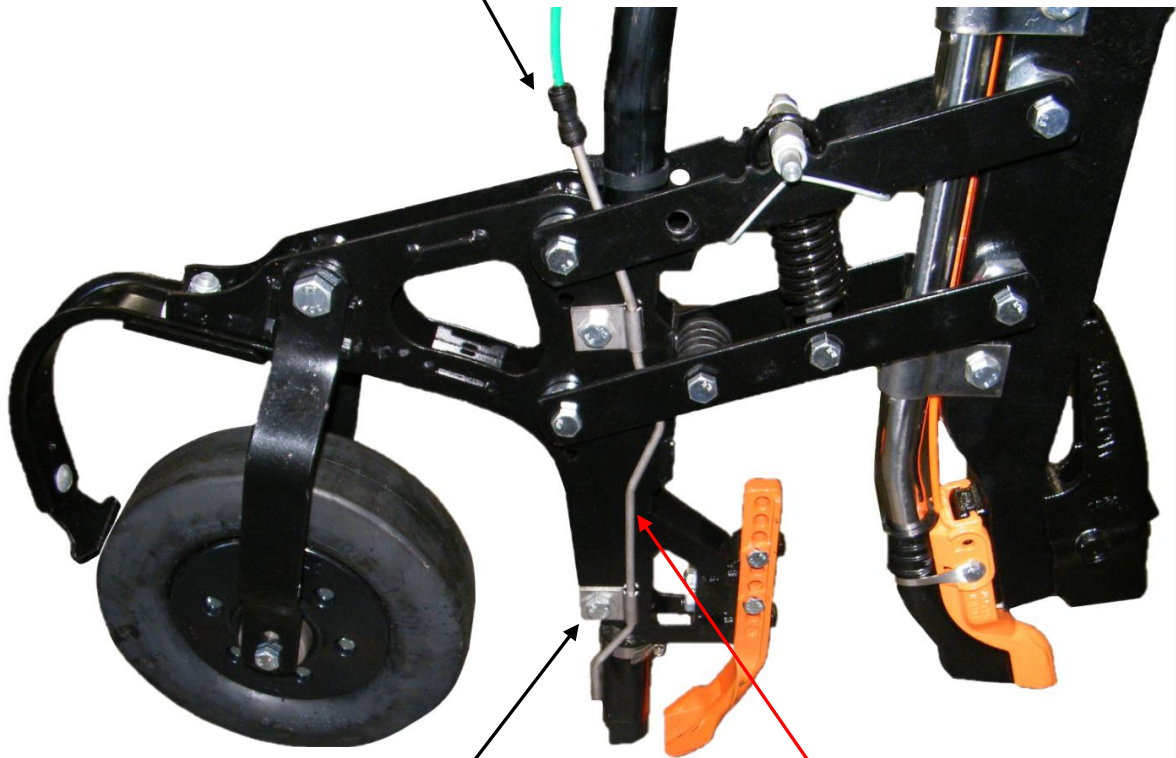
27.3 Version 4 Tine – Nozzle Type Liquid System



27.4 Adding Friction Flow to SS Tube Liquid Tubes

Older liquid systems that use the SS liquid tubes and nozzle bodies can be converted to use the friction flow Suzi coils.

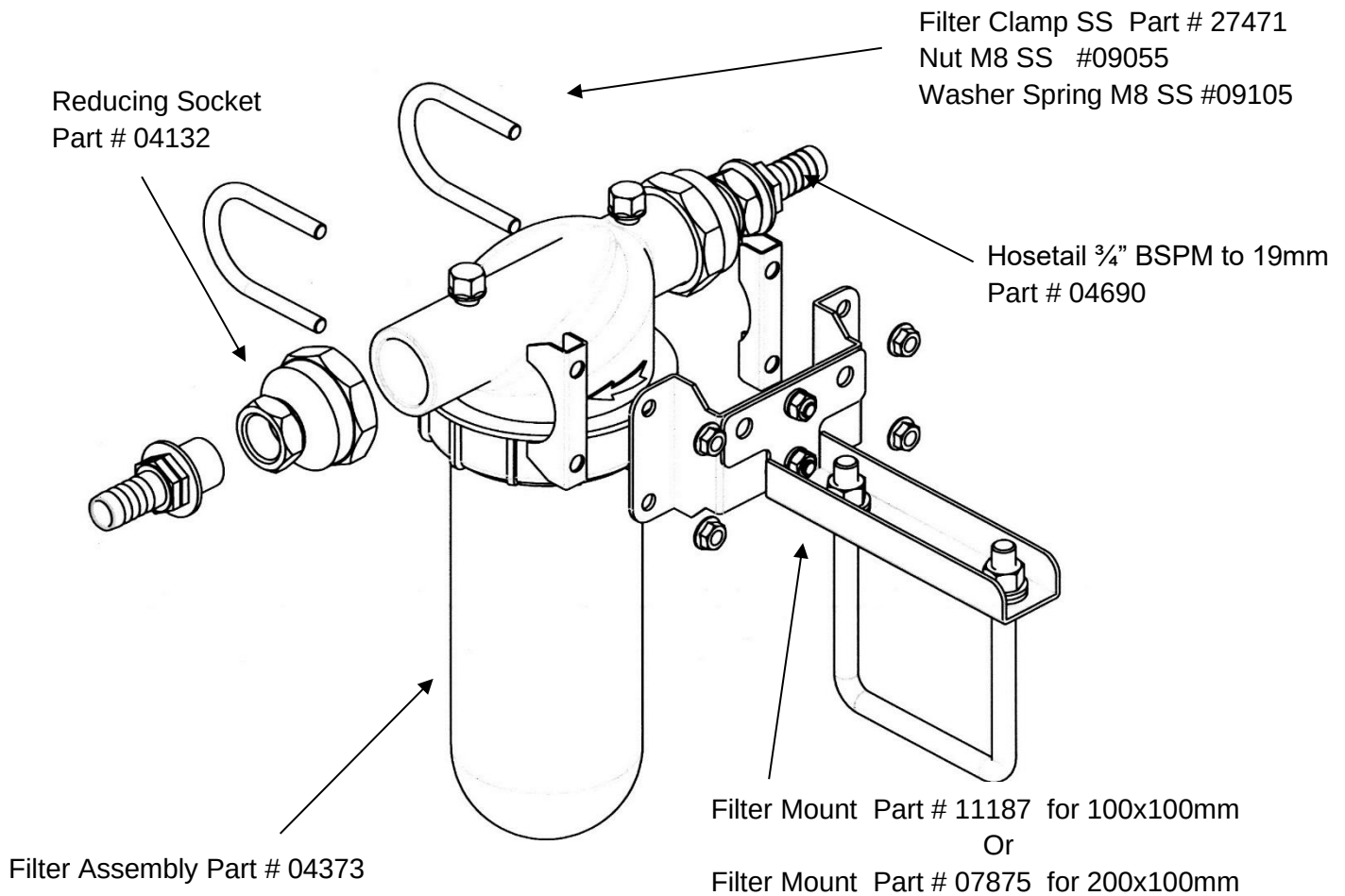
- Select the Suzi coil size to suit application rate.
- Purchase friction flow coil kit with nozzle body male connector.
- Remove the nozzle body valve and hose adaptor.
- Fit 6mm male connector 11224 on the nozzle body and connect the Suzi coil.
- Chamfer the top of the SS steel tube to accommodate the 09735 coupling.
- Fit the straight coupling #09735 to the SS seed tube then attach the Suzi coil.



Part # 09415
Bolt M12 x 55mm
Part # 09009
Nut M12 Conelock

Part # 11381
Liquid Tube SS Seed

27.5 Liquid Filter Assembly



- Filter Element 1.5" - 80# Part # 04279
- Filter Element 1.5" – 120# Part # 04127
- O Ring #04128

Filter Spanner
Part # 04616

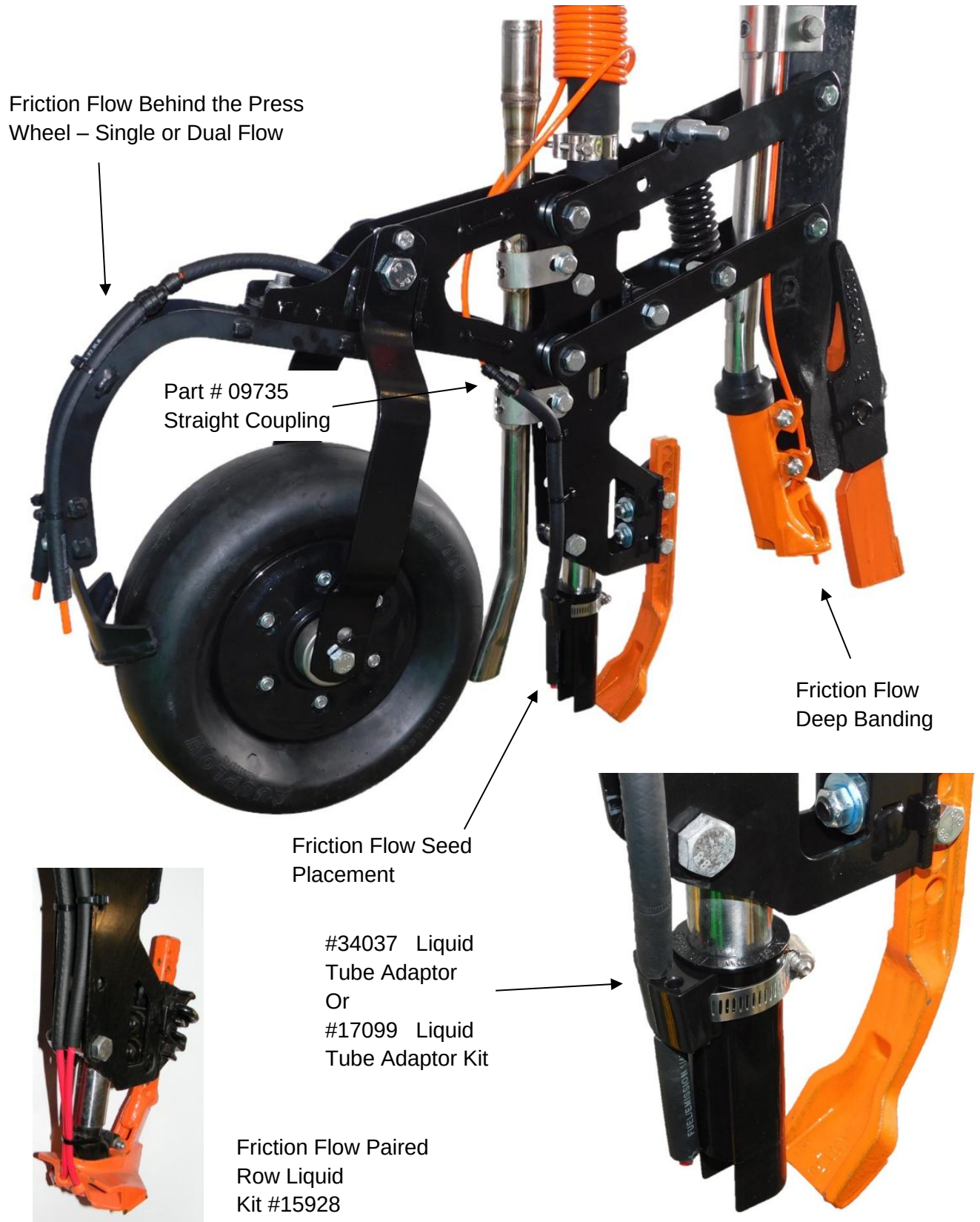


Liquid Parts not Illustrated

Description	Part No	Description	Part No
CABLE TIE 550 x 13mm	01092	NOZZLE DISC 0.7mm CERAMIC	04031
DELIVERY HOSE 12mm	05380	NOZZLE DISC 0.8mm CERAMIC	04030
DELIVERY HOSE 20mm	05381	NOZZLE DISC 0.381mm SS #15	04493
ADAPTOR NYLON TUBE TO SS LIQUID PIPE	11364	NOZZLE DISC 0.457mm SS #18	04105
CAM LOCK F/MALE WITH 20mm HOSETAIL	04067	NOZZLE DISC 0.559mm SS #22	07627
CAM LOCK DUST PLUG MALE 3/4"	04068	NOZZLE DISC 0.610mm SS #24	04106
NIPPLE 3/4" BSP SYMMETRICAL	04672	NOZZLE DISC 0.761mm SS #29	08175
ELBOW 13mm BARB	04378	NOZZLE DISC 0.787mm SS #31	08114
TEE PIECE 13mm BARB	04379	NOZZLE DISC 0.813mm SS #32	07820
HOSE CLAMP 11-25mm SS	09077	O RING FOR SS NOZZLES	04097
HOSE CLAMP 14-32mm SS	09078		

28.0 Suzi Coil Friction Flow

28.1 Version 4 Tine – Friction Flow



28.2 Friction Flow Suzi Coils

Friction Flow Hose



#10677 Nylon Tube Friction Flow 6mm OD x 2.0mm ID Orange

#10678 Nylon Tube Friction Flow 6mm OD x 1.5mm ID Green

Friction Flow Coil – (see Operators Manual for flow rates)

#03273 Suzi Coil 2m Coil 6mm OD x 2mm ID - Orange

#15570 Suzi Coil 3m Coil 6mm OD x 2mm ID - Orange

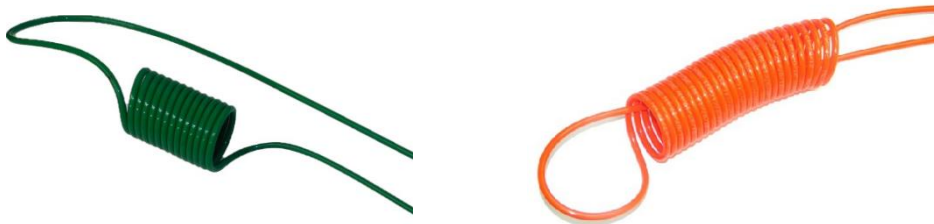
#15569 Suzi Coil 4m Coil 6mm OD x 2mm ID - Orange (Standard)

#15568 Suzi Coil 5m Coil 6mm OD x 2mm ID - Orange

#11223 Suzi Coil 6m Coil 6mm OD x 2mm ID - Orange

#03272 Suzi Coil 3m Coil 6mm OD x 1.5mm ID - Green

#11219 Suzi Coil 4m Coil 6mm OD x 1.5mm ID - Green



Friction Flow Coil Kits

#11892 Friction Flow 3m Coil Kit 6mm OD x 2mm ID with Male Connector

#11893 Friction Flow 4m Coil Kit 6mm OD x 2mm ID with Male Connector

#11894 Friction Flow 5m Coil Kit 6mm OD x 2mm ID with Male Connector

#11222 Friction Flow 6m Coil Kit 6mm OD x 2mm ID with Male Connector



Friction Flow Adaptors

#11225 Push On 2 Way Divider Friction Flow
(used in Paired Row and Dual Behind the PW
Liquid systems)

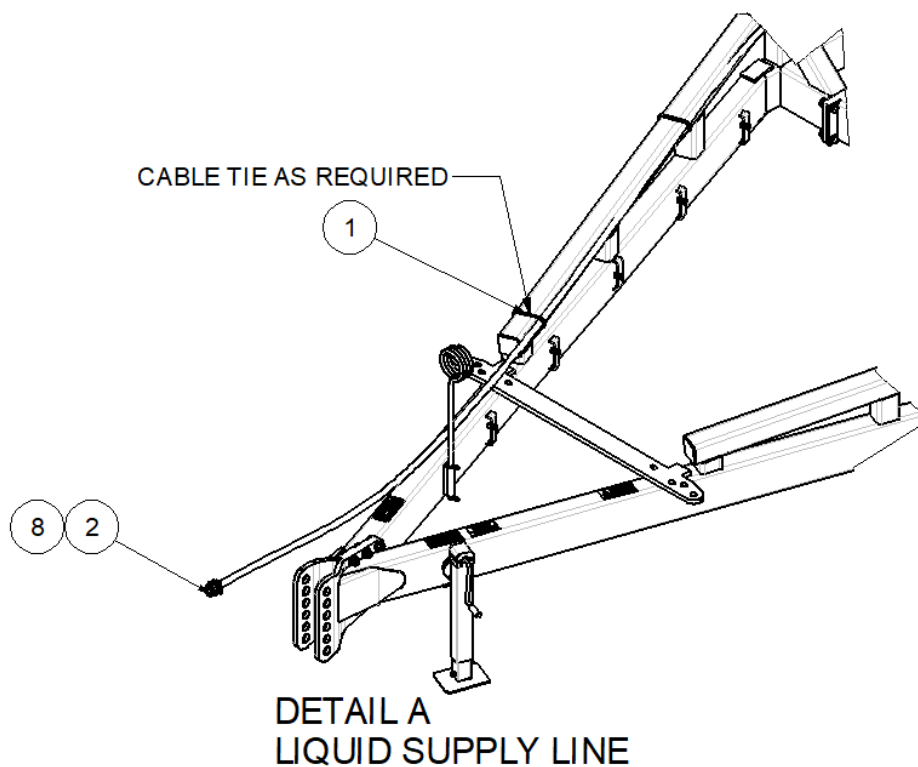
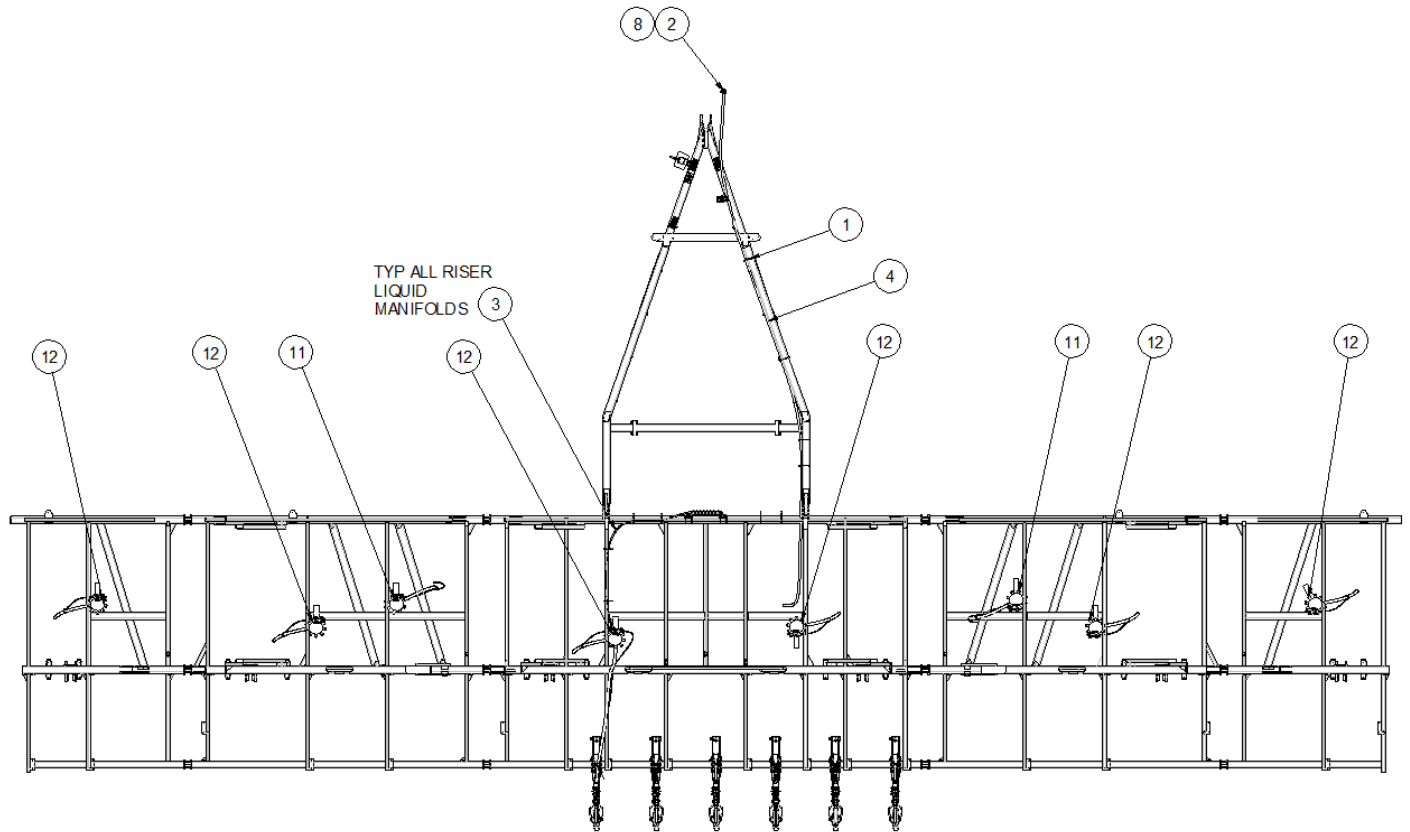


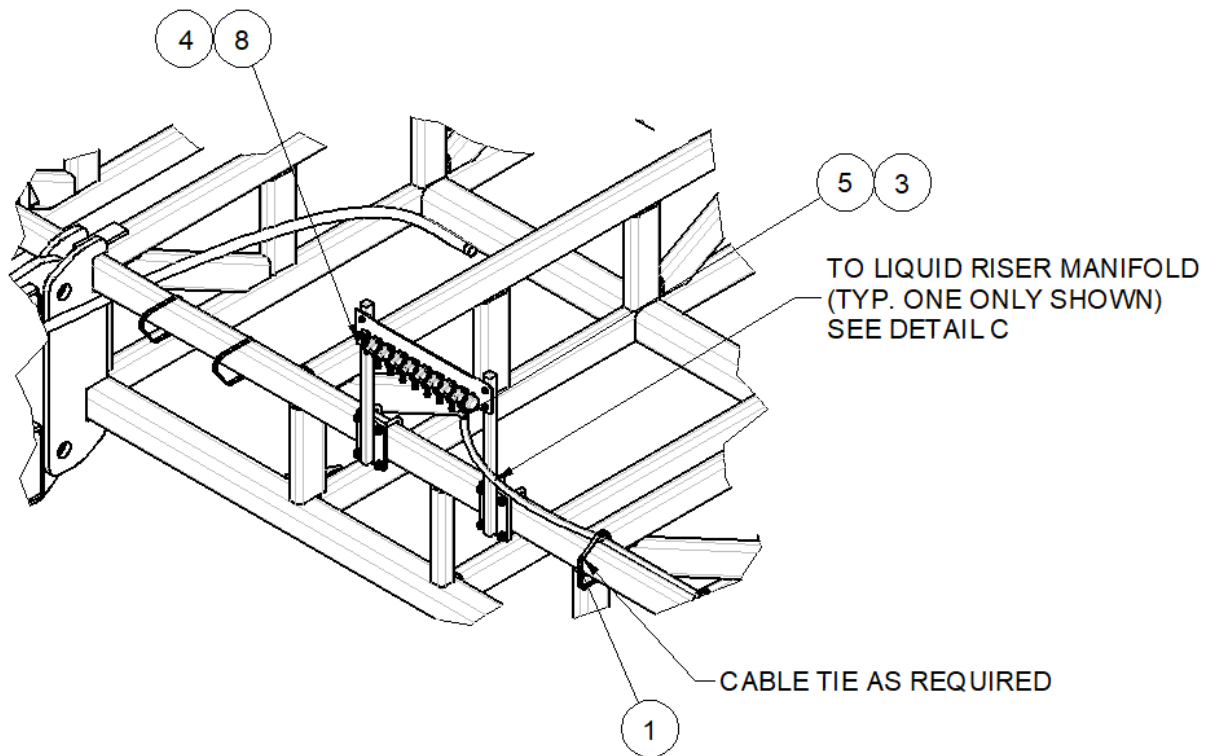
#11224 Male Connector 6mm Friction Flow
(used to connect hose to nozzle cap)



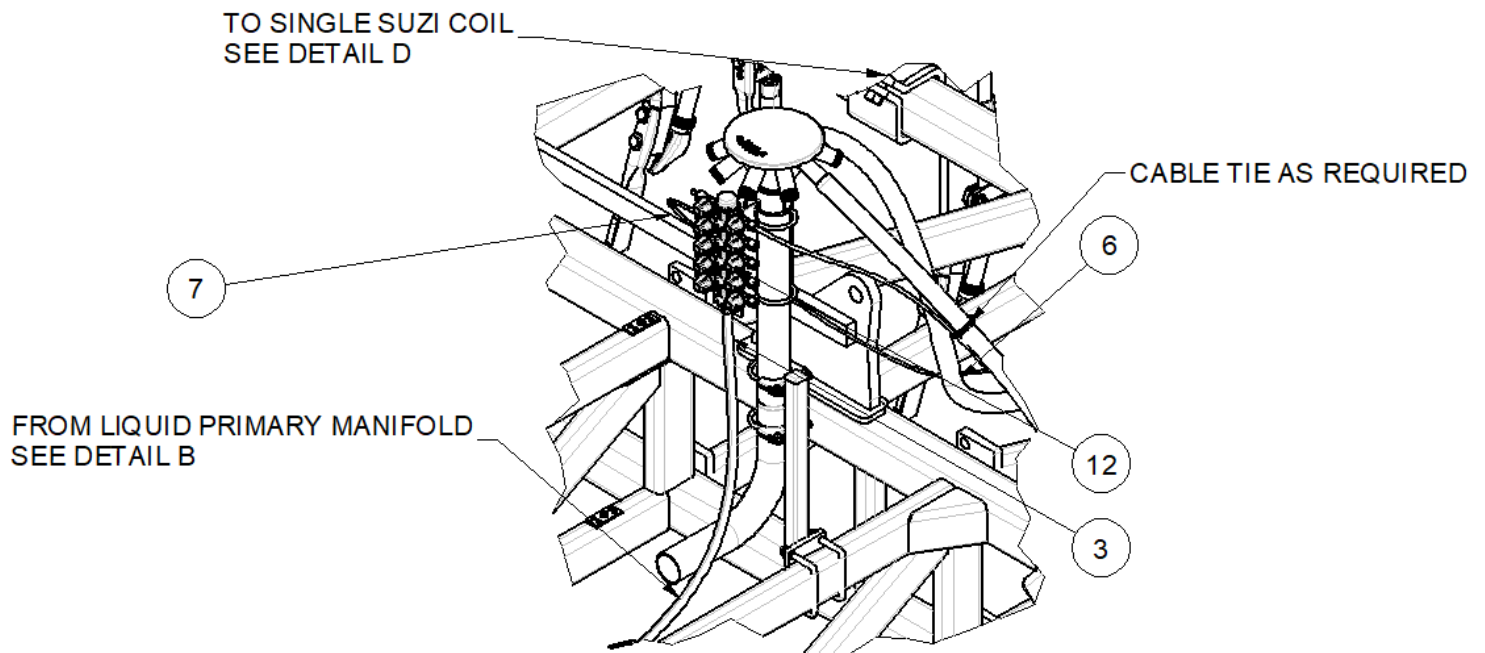
29.0 DBS Liquid System – Friction Flow

29.1 Liquid System General Assy – Generic (D260-70 shown)

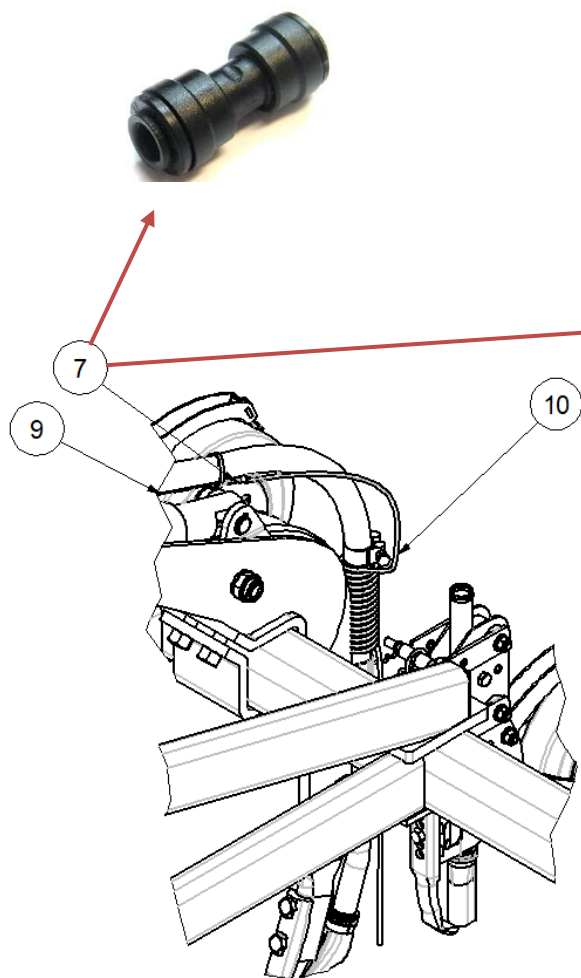




DETAIL B
PRIMARY LIQUID MANIFOLD
NO SECTIONAL CONTROL



DETAIL C
TYPICAL LIQUID MANIFOLD ASSEMBLY



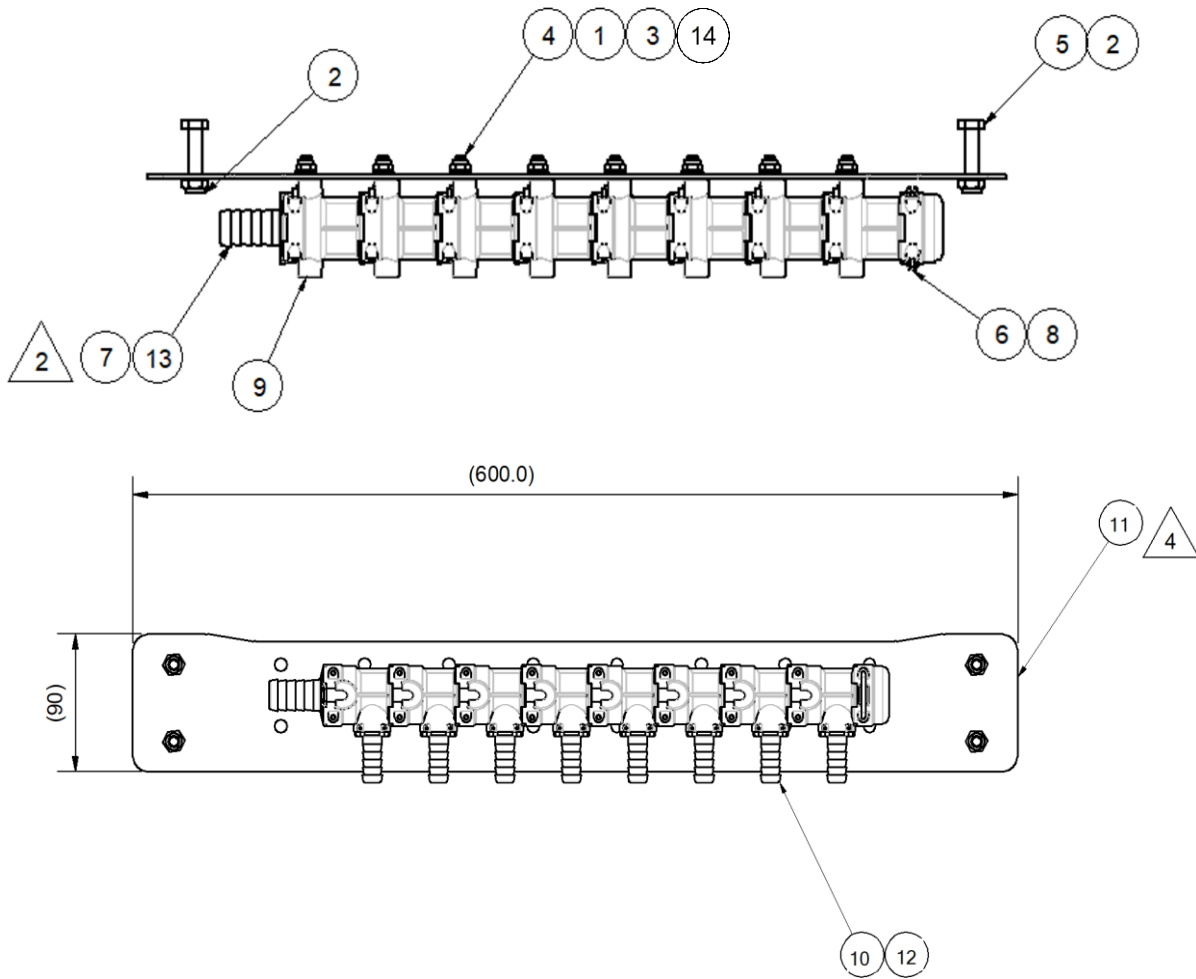
DETAIL D
LIQUID KIT ON TINE ASSY



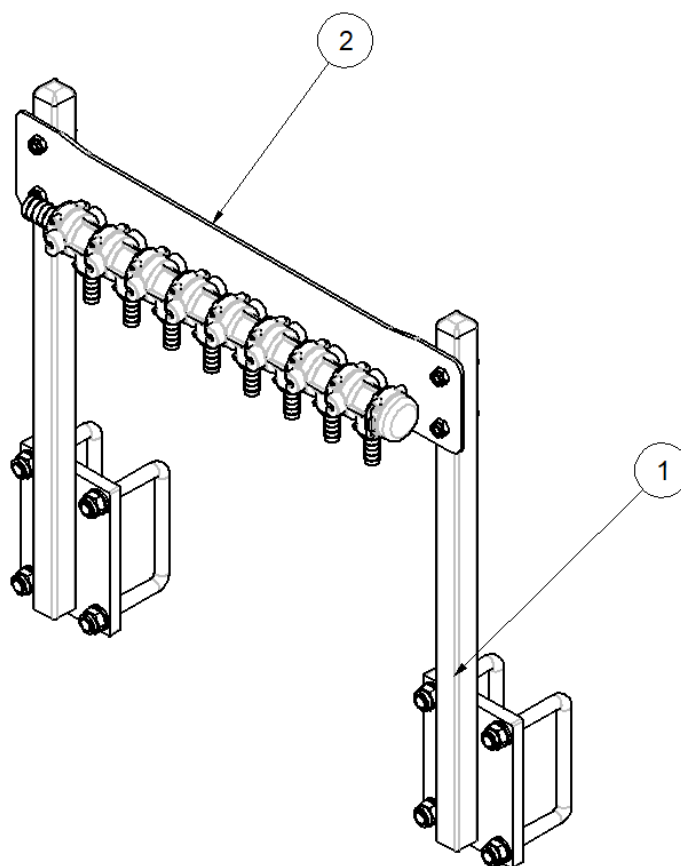
Nitro Clip 32mm
#03249

Item #	Qty	Part No	Description
All	1	32174	LIQUID SYSTEM D260-70
1	10	01092	CABLE TIE 550 x 13mm
2	1	04067	CAMLOCK FEMALE ¾ (20mm) x ¾" HOSE PP
3	1	05380	PRESSURE HOSE 12mm Per M (70m)
4	1	05381	PRESSURE HOSE 20mm ID Per M (12m)
5	16	09077	HOSE CLAMP 13-25mm SS
6	280	09172	CABLE TIE 200 x 7mm
7	70	09735	INLINE TUBE CONNECTORS 6mm
8	2	09979	HOSE CLAMP T BOLT 26-28 SS
9	1	10683	TUBING 6mm OD x 4mm ID Nylon Black
10	70	15569	SUZI COIL 4m (6mm OD x 2mm ID)
11	2	32079	RISER LIQUID ASSY 8 OUTLET
12	6	32171	RISER LIQUID ASSY 9 OUTLET

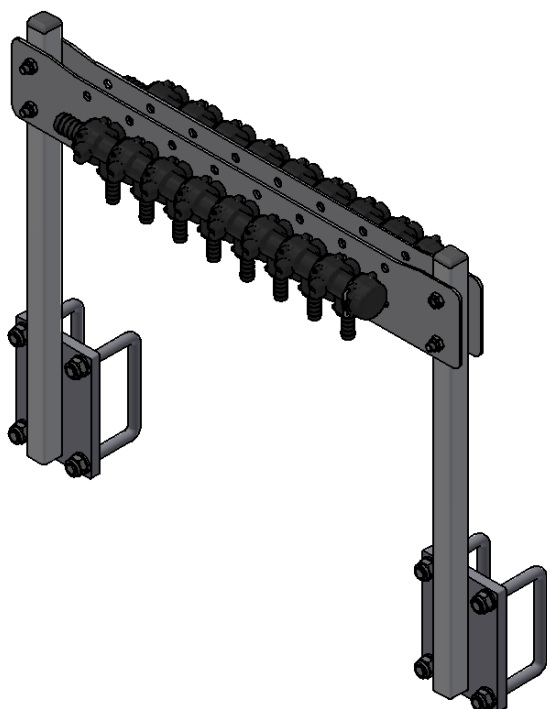
29.2 Liquid Distribution Manifold



Item #	Qty	Part No	Description
All	1	32173	LIQUID DISTRIBUTION MANIFOLD 8 run – No Sectional Control
		32304	LIQUID DISTRIBUTION MANIFOLD 6 run – No Sectional Control
		32305	LIQUID DISTRIBUTION MANIFOLD 4 run – No Sectional Control
1	AR	09193	NUT HEX M6 09417
2	4	09277	NUT M8 Nylock
3	AR	09331	WASHER FLAT M6
4	AR	09878	BOLT HEX M6 x 16mm
5	4	09960	BOLT HEX M8 x 35mm
6	AR	28648	FORK FITTING T3
7	AR	31196	O-RING T3 25.07ID x 2.62mm
8	1	32042	CAP T3
9	AR	32098	SINGLE MODULAR MANIFOLD T3M-T3F-T1
10	8	32099	HOSE TAIL STRAIGHT T1M-13mm
11	1	31236	DISTRIBUTION BRACKET – No Sectional Control
12	AR	32102	O RING T1 X 12.37ID X 2.62 VITON
13	1	32385	HOSETAIL STRAIGHT T3M – 20mm
14	AR	09417	WASHER SPRING M6

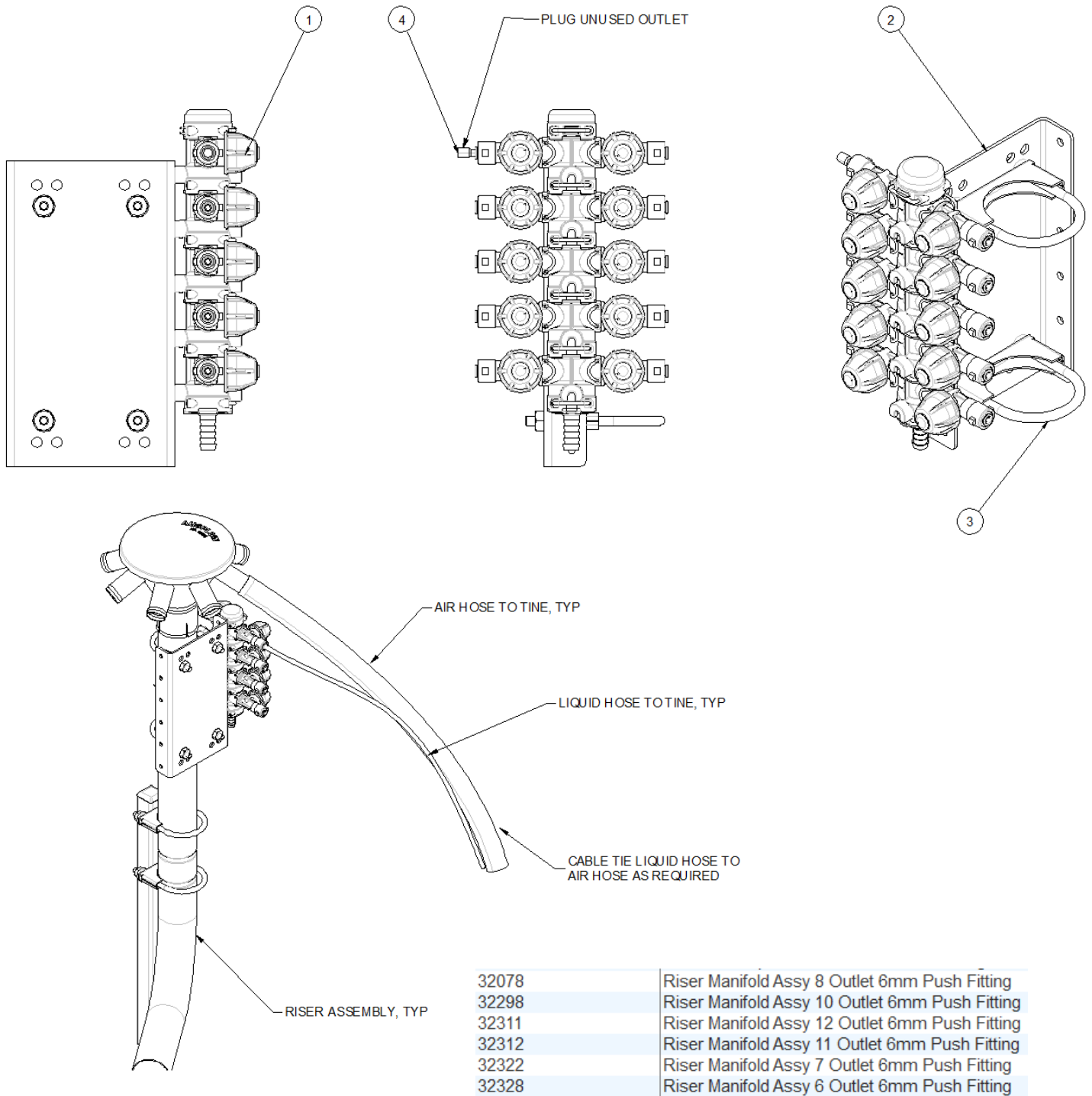


Item #	Qty	Part No	Description
1	2	32700	LIQUID MANIFOLD STAND & U BOLTS
2	1	32173	8 RUN LIQUID DISTRIBUTION MANIFOLD
NS		32304	6 RUN LIQUID DISTRIBUTION MANIFOLD
NS		32305	4 RUN LIQUID DISTRIBUTION MANIFOLD

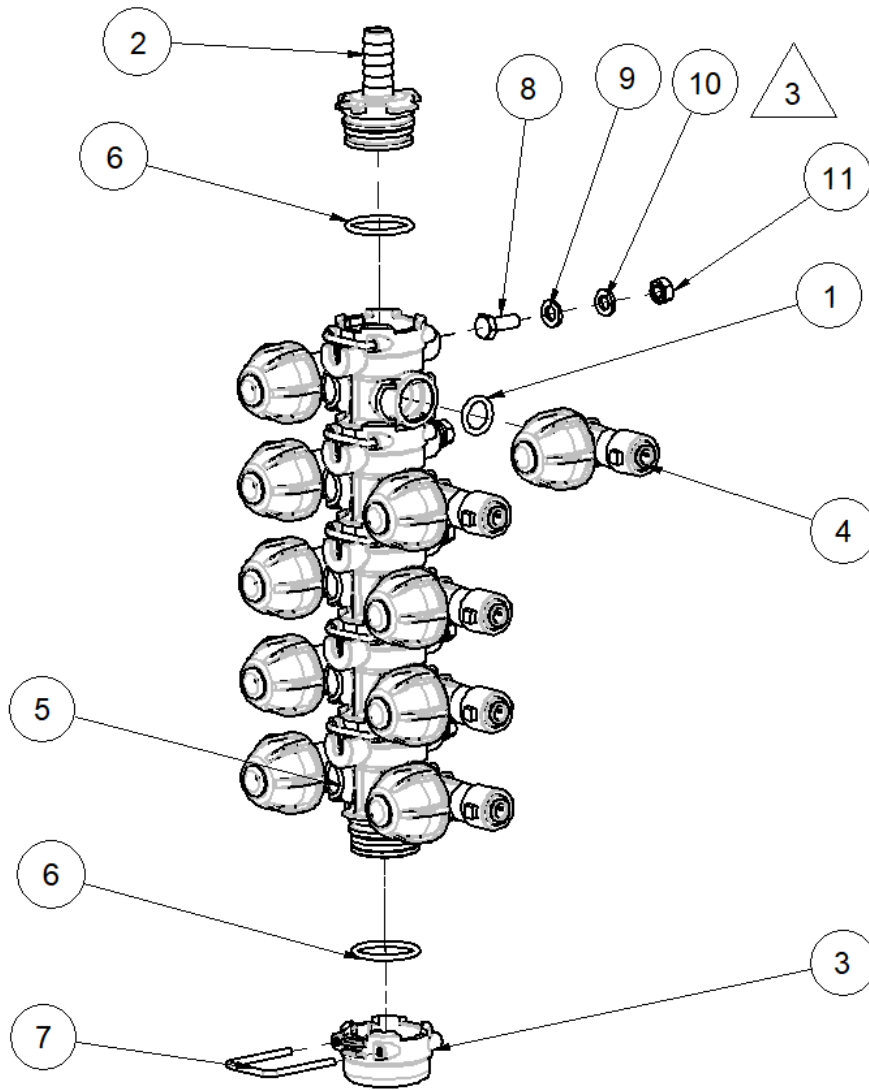


Part No	Description
16944	DUAL 8 RUN LIQUID MANIFOLD
16943	DUAL 6 RUN LIQUID MANIFOLD
16942	DUAL 4 RUN LIQUID MANIFOLD

29.3 Riser Liquid Manifold Assembly

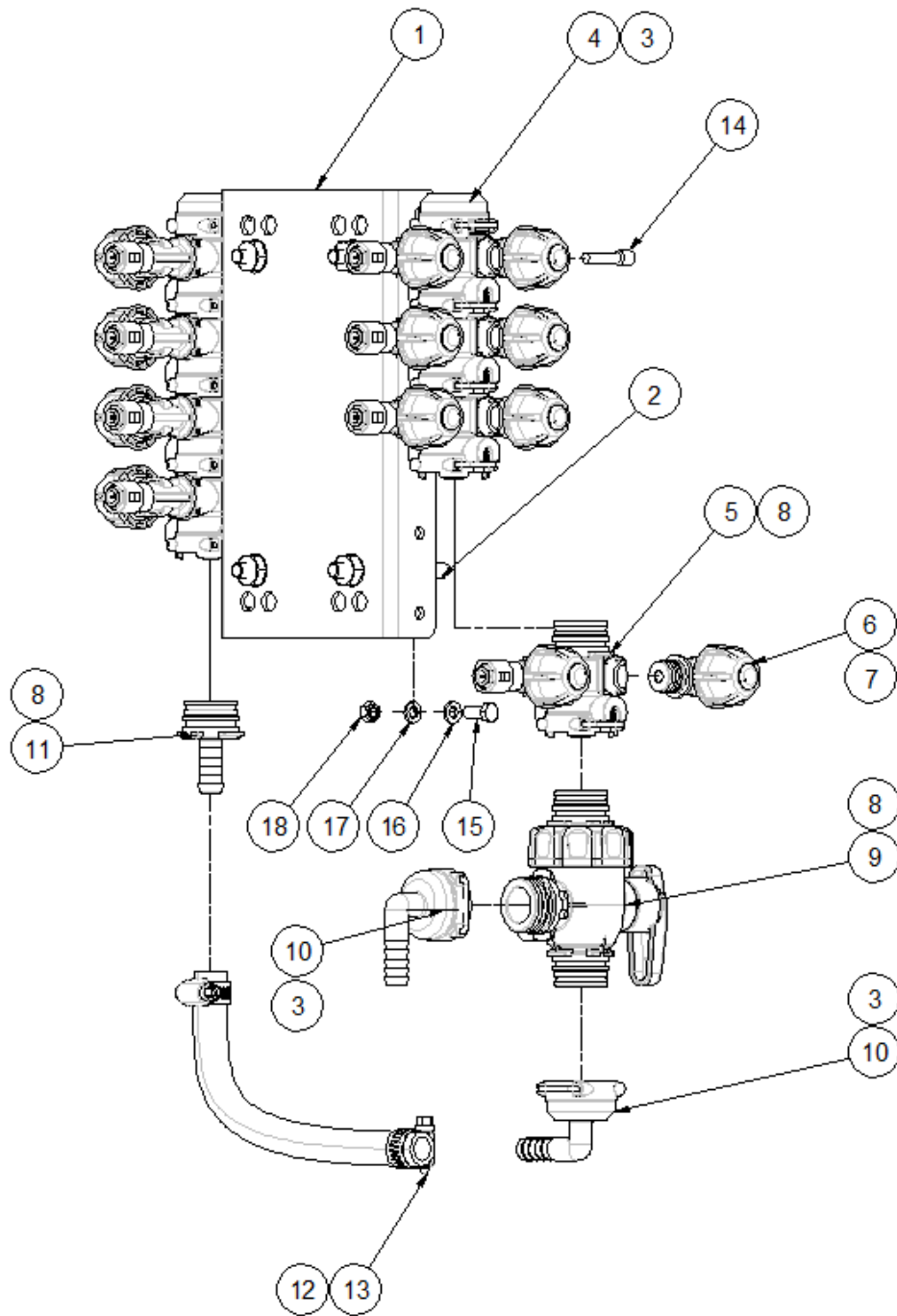


Item #	Qty	Part No	Description
All	1	32031	RISER MANIFOLD ASSEMBLY 9 Outlet 6mm Push Fit
1	1	32032	LIQUID MANIFOLD 10 Outlet 6mm Tube Push Fit
2	1	31214	RISER MANIFOLD PLATE
3	2	05441	EXHAUST CLAMP ASSY 2 5/8"
4	1	32081	MANIFOLD BLANKING PLUG



Item #	Qty	Part No	Description
		32315	LIQUID MANIFOLD 12 Outlet
		32077	LIQUID MANIFOLD 8 Outlet
		32326	LIQUID MANIFOLD 6 Outlet
All	1	32032	LIQUID MANIFOLD 10 Outlet 6mm Tube Push fit
1	AR	32102	O-RING T1x12.37IDx2.62 Viton
2	1	32074	HOSETAIL STRAIGHT - T3M-13mm
3	1	32042	CAP T3
4	AR	32030	CHECK VALVE & 6mm COUPLING
5	AR	32021	DOUBLE MANIFOLD T3M-T3F-T1-T1
6	AR	31196	O-RING T3x25.7IDx2.62 CS Viton
7	1	28648	FORK FITTING T3
8	AR	09878	BOLT HEX M6x16
9	AR	09331	WASHER FLAT M6
10	AR	09417	WASHER SPRING M6
11	AR	09193	NUT HEX M6

29.4 Riser Liquid Manifold Assy – Variable Outlet



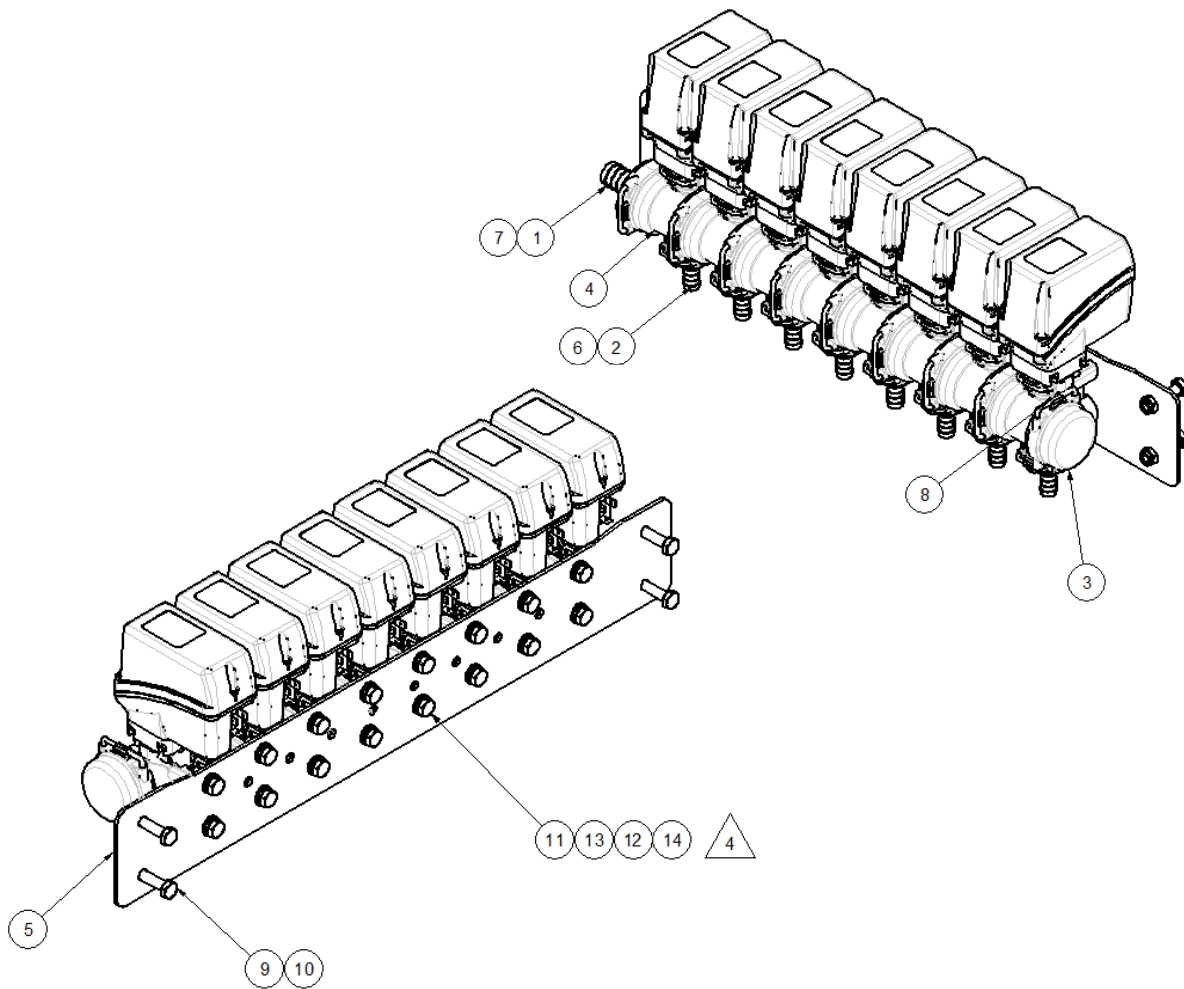
Item #	Qty	Part No	Description
All	1	33844	RISER MANIFOLD ASSY 2x6 VARIABLE OUTLET
		33363	RISER MANIFOLD ASSY 2x8 VARIABLE OUTLET
		33847	RISER MANIFOLD ASSY 2x10 VARIABLE OUTLET
		33848	RISER MANIFOLD ASSY 2x11 VARIABLE OUTLET
		33849	RISER MANIFOLD ASSY 2x12 VARIABLE OUTLET
All		33845	RISER MANIFOLD ASSY 2x7 VARIABLE OUTLET
1	1	31214	RISER MANIFOLD PLATE BAR ASSY

2	2	05441	EXHAUST CLAMP ASSY 2 5/8"
3	4	28648	FORK FITTING T3
4	2	32042	CAP T3
5	8	32021	DOUBLE MANIFOLD T3M-T3F-T1-T1
6	16	32030	CHECK VALVE & 6mm COUPLING
7	16	32102	O-RING T1x12.37IDx2.62 Viton
8	12	31196	O-RING T3x25.7IDx2.62 CS Viton
9	1	33360	3 WAY BALL VALVE
10	2	28632	HOSETAIL ELBOW FORK T3F – 13mm
11	1	32074	HOSETAIL STRAIGHT - T3M-13mm
12	1	33362	PRESSURE HOSE 12mm x 250mm LG
13	2	09077	HOSE CLAMP 11-25mm SS
14	2	32081	PLUG TUBE FITTING PUSH IN 6mm
15	8	09878	BOLT HEX M6x16
16	8	09331	WASHER FLAT M6
17	8	09417	WASHER SPRING M6
18	8	09193	NUT HEX M6

29.5 Liquid Hoses & Fittings

Part No	Description
01092	CABLE TIE 580 x 13mm
09172	CABLE TIE 200x 7mm
04067	CAMLOCK ADAPTOR FxH/T-3/4x20
05380	PRESSURE HOSE 12mm LIQUID
05381	PRESSURE HOSE 20mm LIQUID
09077	HOSE CLAMP 13-25mm SS
09979	HOSE CLAMP T-BOLT 26-28mm SS
09735	STRAIGHT UNION 6mm PUSH ON
10683	NYLON TUBE 6mm OD BLACK

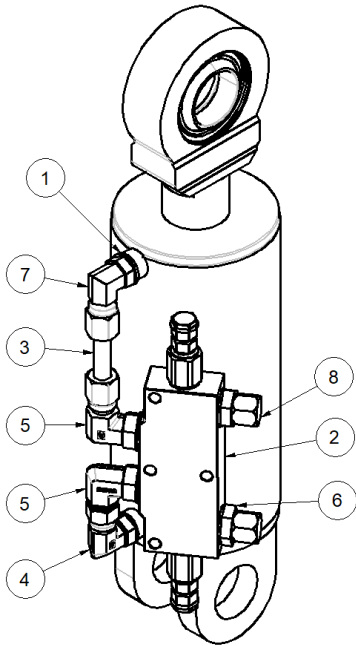
29.6 Liquid System – Sectional Control



Item #	Qty	Part No	Description
All	1	31801	LIQUID DISTRIBUTION MANIFOLD 8 run – SECTIONAL Control
		32694	LIQUID DISTRIBUTION MANIFOLD 6 run – SECTIONAL Control
		32693	LIQUID DISTRIBUTION MANIFOLD 4 run – SECTIONAL Control
1	1	32453	HOSETAIL STRAIGHT T5M – 20mm
2	AR	32074	HOSETAIL STRAIGHT FORK T3M
3	1	31834	CAP FORK T54F
4	AR	31821	SECTION VALVE FORK T5
5	1	31236	SECTION VALVE MOUNT BRACKET
6	AR	31196	O-RING T3 25.07ID x 2.62mm
7	AR	30317	O RING T5 x 36.10 ID x 3.53 VITON
8	AR	28650	FORK T5 FITTING
9	4	09960	BOLT HEX M8 x 35mm
10	AR	09277	NUT M8 Nylock
11	AR	09127	BOLT HEX M8 x 20mm
12	AR	09106	WASHER FLAT M8
13	AR	09105	WASHER SPRING M8
14	AR	09055	NUT HEX M8

30.0 Active Drawbar Assy

30.1 Hydraulic Cylinder Assy – Active Drawbar



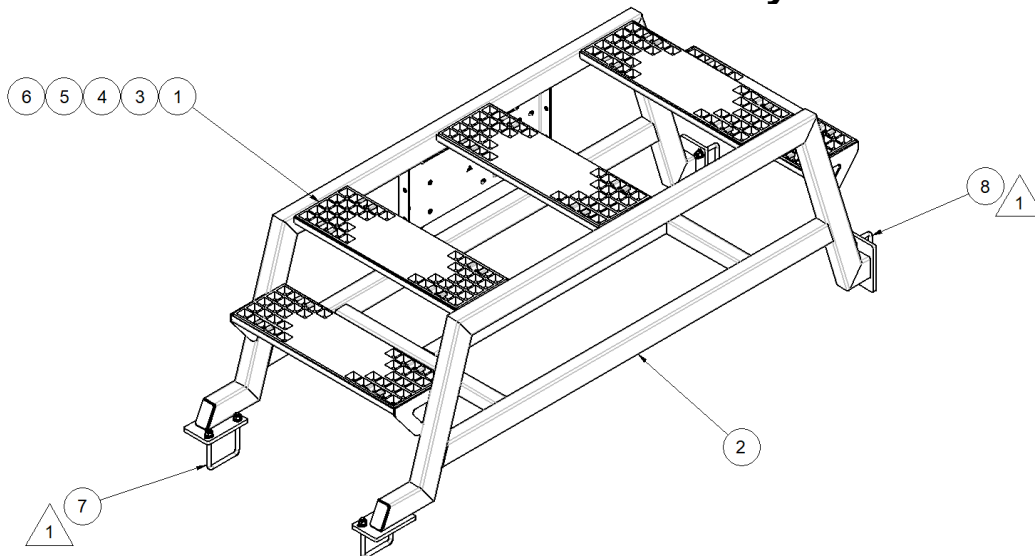
Item #	Qty	Part No	Description
All	1	34235	ACTIVE DRAWBAR HYD CYLINDER ASSY
1	1	34230	HYD CYLINDER ASSY DIA 4.5 x 5" STROKE
2	1	34234	COUNTERBALANCE VALVE
3	1	34236	TITL CYLINDER HARD PIPE ASSY
4	1	03242	ELBOW 3/4 JICFS – UNOM 90DEG
5	2	05049	ELBOW 1/2 BSPPOM x 3/4 JICM 90DEG
6	2	05536	ADAPTOR 1/2 BSPPOM x 1/2 JICM
7	1	09274	ELBOW 3/4 JICM x 3/4 UNOM 90 DEG
8	2	15733	CAP 3/4" JIC

Note:

Valve can be changed to LH or RH direction.

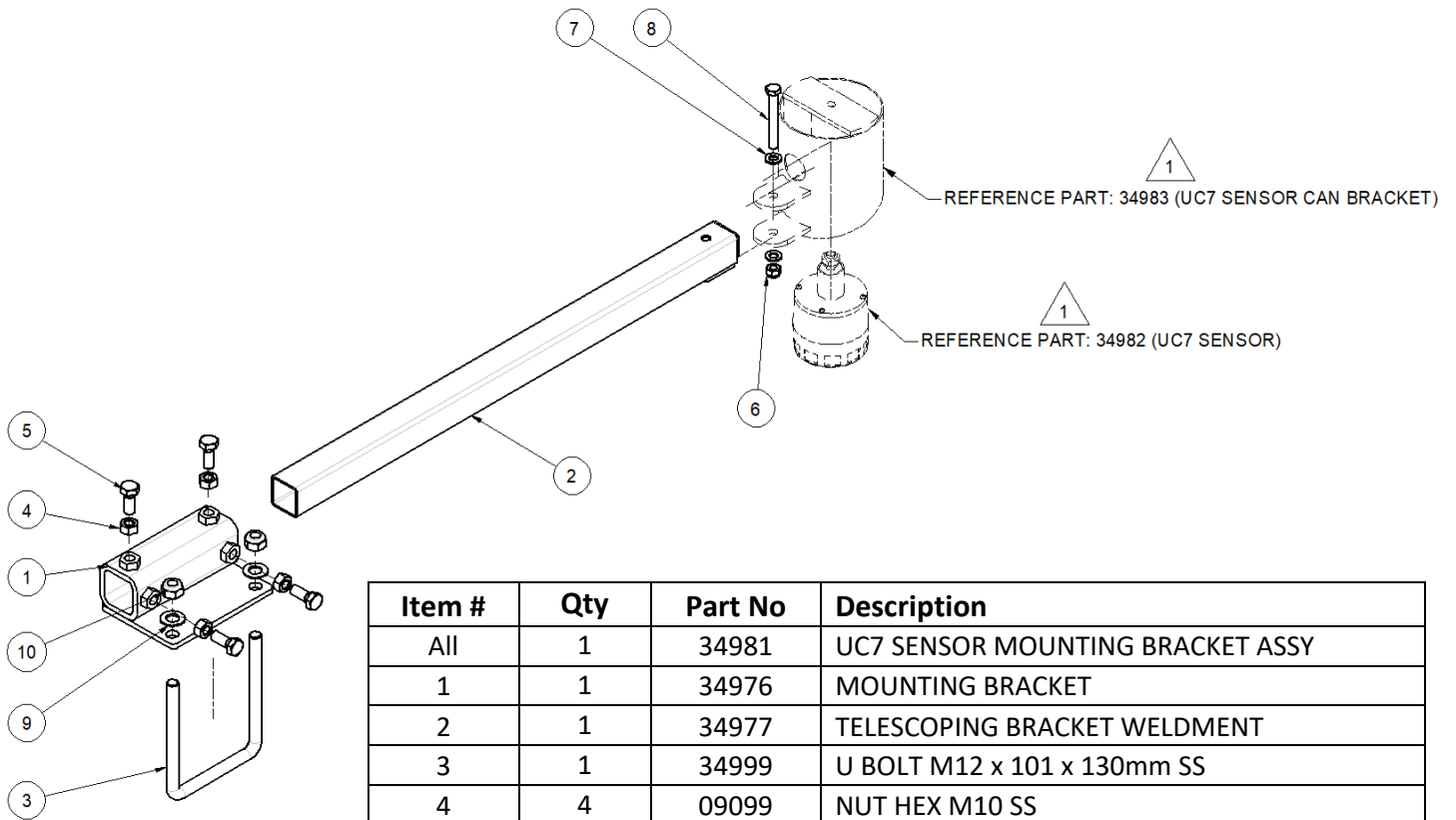
#15733 caps to be used to seal hydraulic loop for transport.

30.2 DBS Centre Frame Platform Assy



Item #	Qty	Part No	Description
All	1	34432	DBS CENTRE FRAME PLATFORM ASSY
1	5	34468	GRID MESH 645 x 206.6mm
2	1	34382	CENTRE FRAME PLATFORM WELDMENT
3	20	28532	M CLIP 40mm SS
4	20	09103	BOLT M8 x 25mm
5	20	09106	WASHER FLAT M8
6	20	09277	NUT M8 NYLOC
7	2	35121	U BOLT SET M12 x 101 x 130mm SS
8	2	35120	U BOLT SET M12 x 101 x 80mm SS

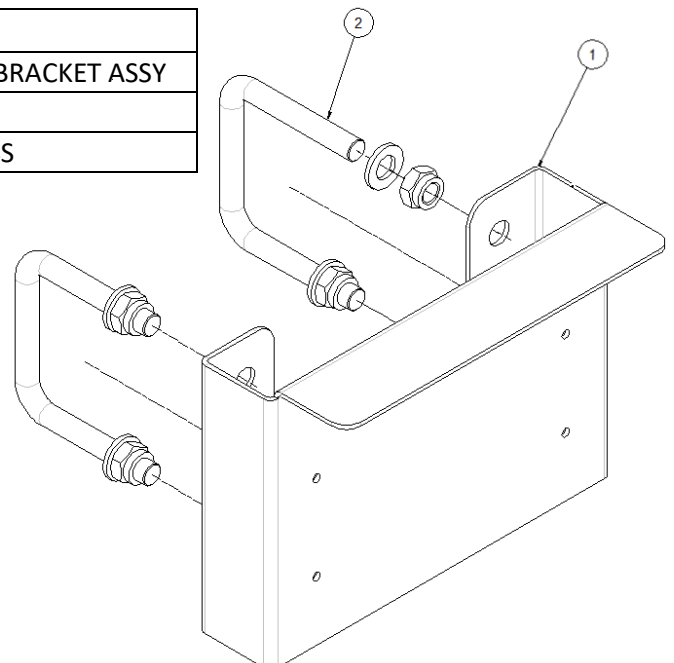
30.3 UC7 Sensor Mounting Bracket Assy



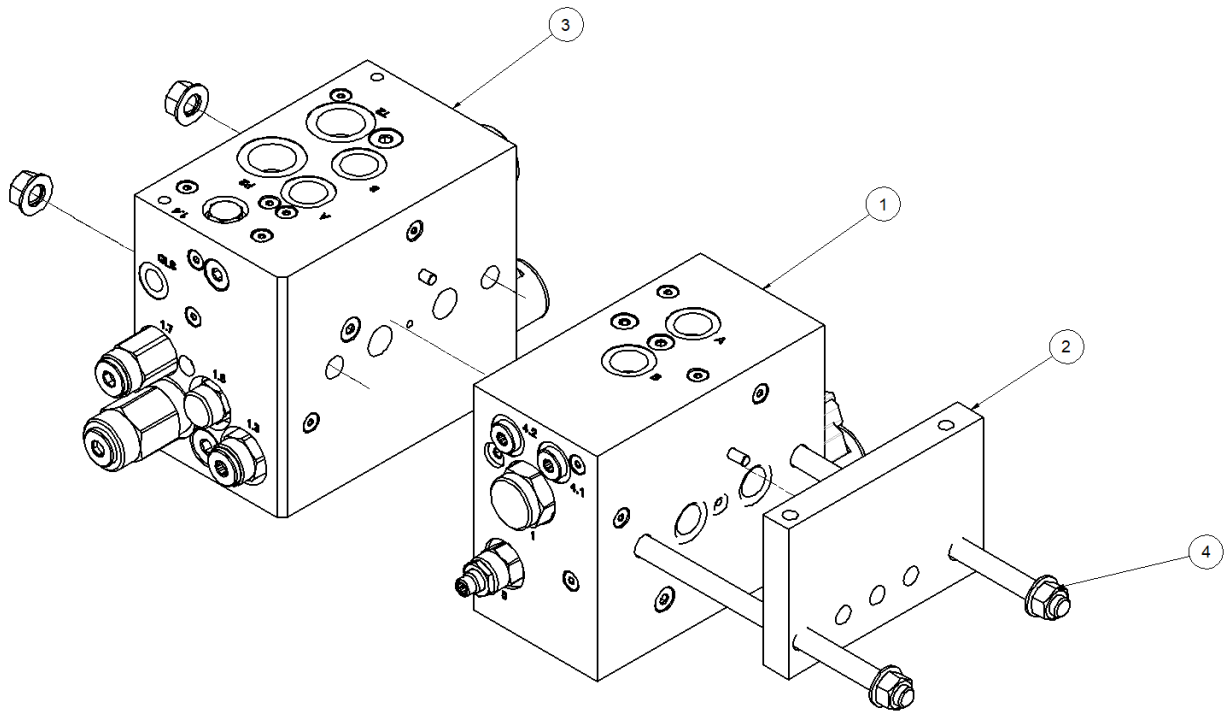
Item #	Qty	Part No	Description
All	1	34981	UC7 SENSOR MOUNTING BRACKET ASSY
1	1	34976	MOUNTING BRACKET
2	1	34977	TELESCOPING BRACKET WELDMENT
3	1	34999	U BOLT M12 x 101 x 130mm SS
4	4	09099	NUT HEX M10 SS
5	4	09100	SCREW HEX M10 x 30mm SS
6	1	09277	NUT M8 NYLOCK SS
7	2	09106	WASHER FLAT M8
8	1	34998	BOLT M8 x 65mm
9	2	09108	WASHER FLAT M12 SS
10	2	09053	NUT M12 NYLOCK SS

30.4 Mounting Bracket Assy – Tilt Controller

Item #	Qty	Part No	Description
All	1	34601	TILT CONTROLLER MOUNTING BRACKET ASSY
1	1	34541	MOUNTING BRACKET
2	2	34452	U BOLT SET M12 x 77 x 80mm SS



30.5 Hydraulic Valve Block – Wing & Tilt Assy



Item #	Qty	Part No	Description
All	1	35157	HCV DBSCV WING & TILT VALVE ASSY
1	1	34444	HCV DBSCV TILT SECTION ASSY
2	1	15853	HCV MANIFOLD END CAP ASSY
3	1	34470	HCV DBSCV INLET SECTION MANIFOLD ASSY
4	2	15863	MCV II TIE ROD KIT 3-BANK

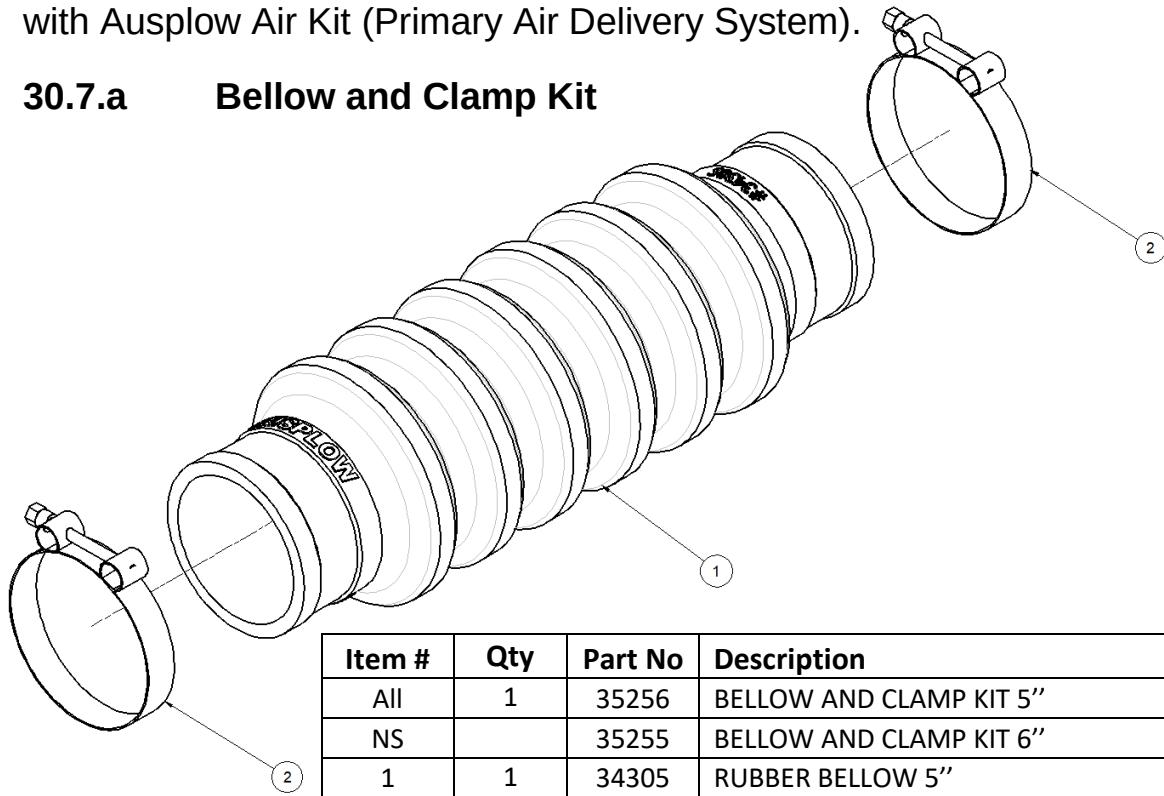
30.6 Electrical Components – Active Drawbar

Part No	Description
03951	TILLAGE DEPTH CONTROL SYSTEM NORAC UC7 MODULE
34982	SENSOR UC7 ULTRASONIC MAX
34983	DEPTH SENSOR BRACKET CAN
35160	HARNESS NETWORK 14AWG 5m
35161	HARNESS NETWORK 14AWG 10m
35162	HARNESS NETWORK 14AWG 1m
35163	NETWORK COUPLER 3WAY
35164	NETWORK COUPLER 2WAY
35165	NETWORK COUPLER 2WAY WITH TERMINATOR
35166	HARNESS IBIC INTERFACE
35167	HARNESS VALVE 4-PIN DT TO 2-PIN DT

30.7 Air Delivery Components – Active Drawbar

Please note, below components are required only for machines fitted with Ausplow Air Kit (Primary Air Delivery System).

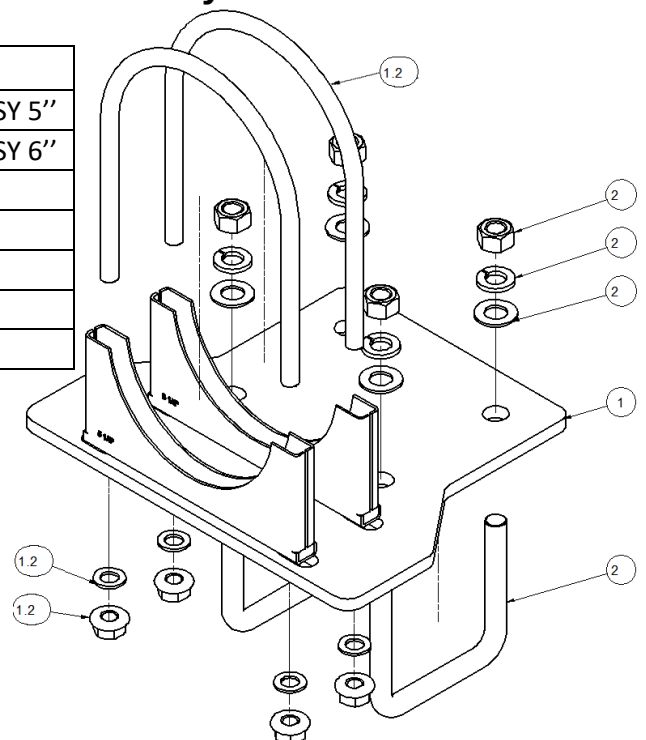
30.7.a Bellow and Clamp Kit



Item #	Qty	Part No	Description
All	1	35256	BELLOW AND CLAMP KIT 5"
NS		35255	BELLOW AND CLAMP KIT 6"
1	1	34305	RUBBER BELLOW 5"
		34306	RUBBER BELLOW 6"
2	2	09223	HOSE CLAMP T-BOLT 140-148 S/S
		09512	HOSE CLAMP T-BOLT 162-174 S/S

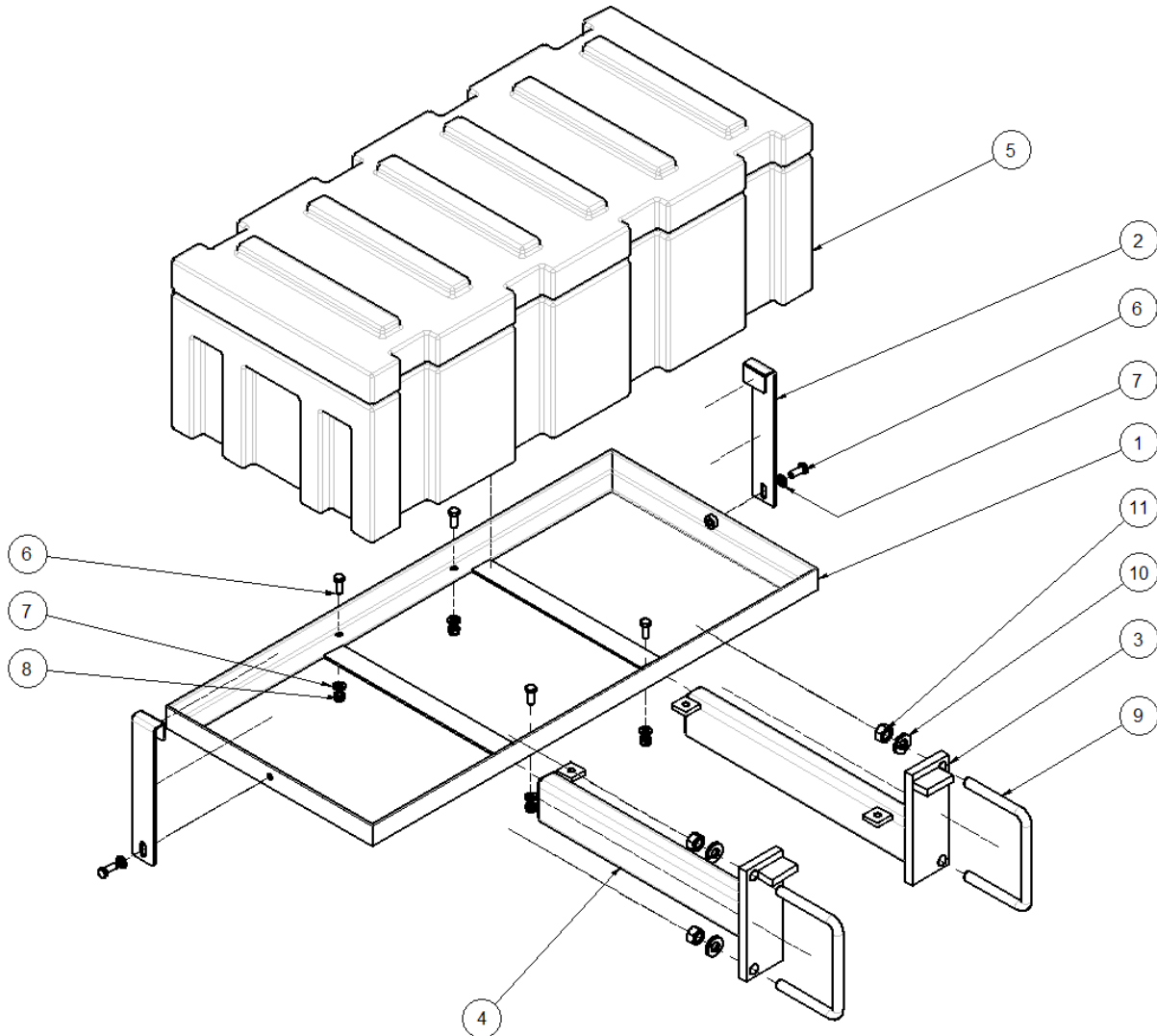
30.7.b Primary Standpipe Clamp Bracket Assy

Item #	Qty	Part No	Description
All	1	35122	STANDPIPE CLAMP BRACKET ASSY 5"
NS		35123	STANDPIPE CLAMP BRACKET ASSY 6"
1	1	34606	CLAMP BRACKET PLATE ASSY 5"
		34608	CLAMP BRACKET PLATE ASSY 6"
1.2	2	05444	EXHAUST CLAMP ASSY 5 1/8"
		05445	EXHAUST CLAMP ASSY 6 1/8"
2	2	30655	U BOLT SET M12 x 77 x 80mm



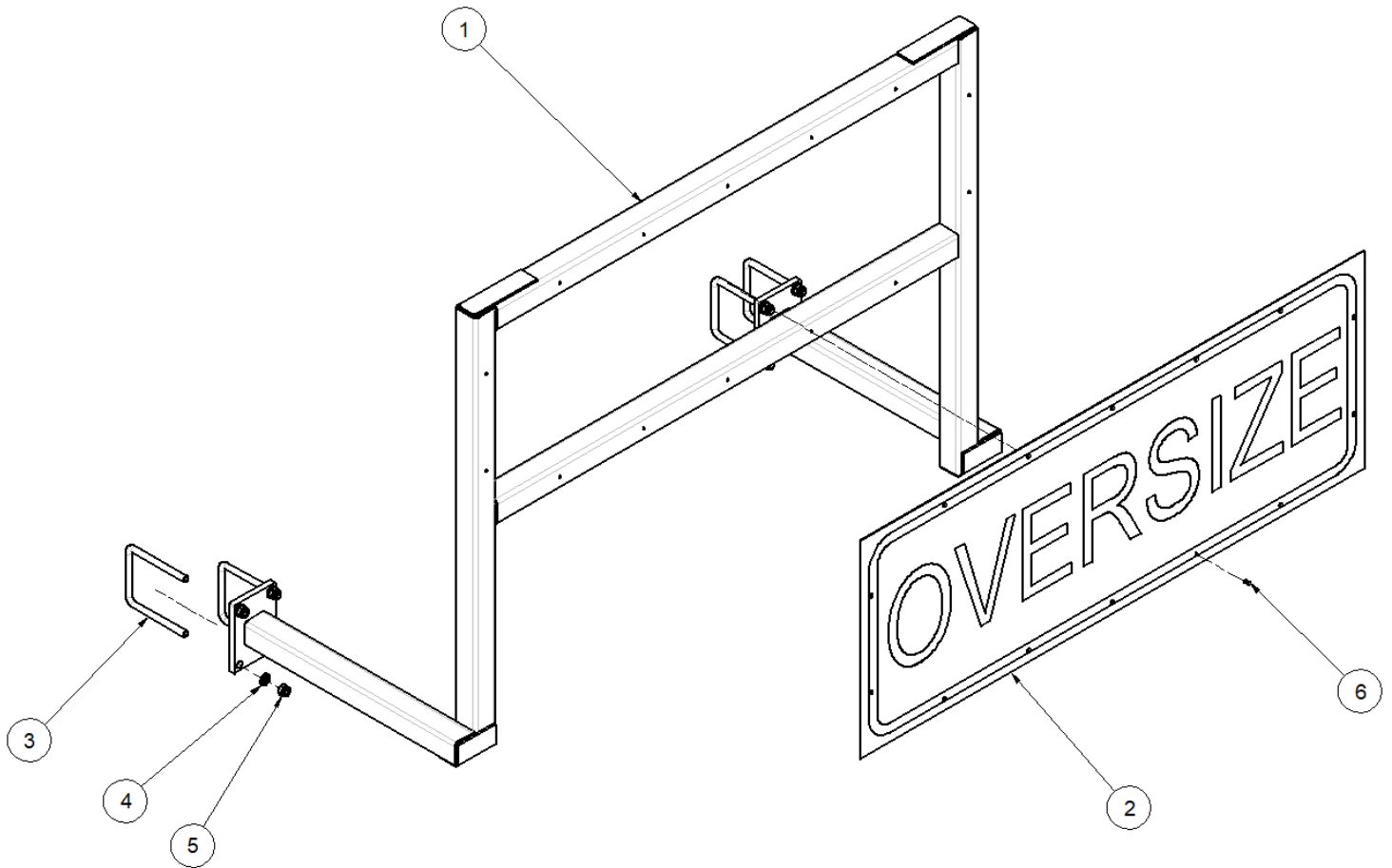
31.0 Accessories

31.1 Drawbar Toolbox Assy



Item #	Qty	Part No	Description
All	1	35061	DRAWBAR TOOLBOX ASSY
1	1	35063	DRAWBAR TOOLBOX MOUNT FRAME
2	2	35056	TIE DOWN HOOK TOOLBOX FRAME
3	1	35059	RH TOOLBOX BRACKET
4	1	35057	LH TOOLBOX BRACKET
5	1	35065	RHINO TOOLBOX 1200 x 550 x 400mm GREY
6	6	03072	BOLT M12 x 30mm
7	6	09010	WASHER M12 SPRING
8	4	09701	NUT M12 NYLOCK
9	2	08839	U BOLT M20 x 202 x 150mm
10	4	09042	WASHER M20 SPRING
11	4	09041	NUT M20

31.2 DBS Frame Oversize Sign Assy



Item #	Qty	Part No	Description
All		33910	OVERSIZE SIGN FRAME ASSY
1	1	33909	OVERSIZE SIGN FRAME
2	1	33911	OVERSIZE SIGN 1200 x 450mm DRILLED
3	4	05287	U-BOLT M12 x 101 x 130mm
4	8	09010	WASHER SPRING M12
5	8	09009	NUT LOCK M12
6	14	09123	RIVET 4 x 8mm