

AUSPLOW

Australian designed and manufactured



EASITILL & MARKET /DEEP RIPPER SPARE PARTS MANUAL

VERSION 2.6

#00942

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Contents

History	4
Information	5
Spare Parts Return Policy	6
Procedure for Warranty Claims	7
1.0 EASITILL - Frame List	8
2.0 EASITILL II - Generic 3 Frame Assembly	10
3.0 EASITILL II Generic Drawbar Assembly	15
4.0 Drawbar Tongues – Auseeder/Easitill & Multisteam Bins	18
5.0 Cable Stay Kit - 3 Frame Generic	19
6.0 Axle Assembly - Single RH 509 Shaft	21
7.0 Axle Assembly - Single RH 659 Shaft	22
8.0 Hub Assembly – 80 Series	23
9.0 Tyres and Rims.....	25
10.0 Wheel Adjuster Assembly.....	26
10.1 Wheel Adjuster M36 – Current (Uses 30mm dia Pin)	26
10.2 Wheel Adjuster 1.25” – Older Version (Uses 1”dia Pin)	27
11.0 Wing Fold Arms	28
12.0 Hydraulic Hose Fittings.....	29
12.1 Hydraulic Hose Clamp	29
12.2 Hydraulic Hose Parts	30
13.0 Accumulator & Fittings	31
13.1 Accumulator	31
13.2 Accumulator Clamp Plate	34
14.0 Jump Cylinder Hydraulic Fittings.....	35
15.0 Wing Fold Hydraulics.....	36
16.0 Phasing and Wing Fold Cylinders.....	37
16.1 Phasing / Wing Cylinder Identification.....	37
16.2 ALFORD Phasing / Wing Cylinders & Seal Kits	39
16.3 BAKER Phasing / Wing Cylinders & Seal Kits	43
16.4 Phasing Cylinder Layout.....	44

16.5	1" Wing Fold Cylinders Conversion to 1.25"	45
17.0	Lower Cable Bracket Assembly	46
18.0	EASITILL II Tine Assembly	47
18.1	EASITILL II Tine Assembly 750mm	48
18.2	EASITILL II Tine Assembly 820mm	49
19.0	EASITILL II Shank Assembly	50
19.1	EASITILL II Shank Assembly 750mm	50
19.2	EASITILL II Shank Assembly 820mm	51
20.0	EASITILL II Tine Jump Cylinder Assembly	52
21.0	EASITILL II Pivot Bracket Assembly	53
22.0	EASITILL I Shank.....	54
23.0	AUSPLOW - Deep Tillage (Deep Ripper) Assembly	55
23.1	AUSPLOW - Deep Tillage Jump Cylinder.....	58
24.0	Tow Hitch Kit EASITILL.....	59
25.0	EASITILL E460-23 Wing Extension	60
26.0	Market Garden Ripper – 5 Tine	61
26.1	810mm Rigid Tine & Coulter Assy	62
26.2	Market Garden Ripper Shank Assembly - 810mm.....	64

History

The original Deep Tillage bar, often called the Ausplow Deep Ripper, was replaced with the Easitill deep tillage machine at the end of 1998.

The Easitill Deep Tillage machine utilised a different tine assembly and frame configuration to that used with the Deep Ripper.

An upgraded version of the Easitill, the current Easitill II precision deep tillage machine, was introduced in 2006 and is capable of working to depths of up to 380mm with the 750mm shank or 450mm with the 820mm shank.

The 820mm shank is designed for use primarily in sand plain conditions.

It is available with working widths from 4.1m to 13.34m. It uses a similar frame to the DBS Auseeder but does not use the rear add on bar.

All models can be fitted with optional single coulters. Tines are protected from wear with replaceable shin guards and tungsten tipped points.

Late 2014 a longer shank guard was introduced on the 820mm Tine Assembly to reduce shank wear.

In 2018 the Market Garden Ripper was introduced.

In 2021 new Series II drawbars with extended top rails for extra strength were introduced as well as new cable brackets that utilise bolts and plates rather than previous U bolts.



Information

This spare parts manual covers the Ausplow Easitill - Deep Tillage Spare Parts.

Throughout this manual 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.

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

It is advised that ALL parts be double checked where possible with the more detailed information provided within different areas of this manual. Identifying features and dimensions are provided to assist with identification of components. Parts that are correctly supplied but don't fit due to the failure of an individual to use the identification methods provided may be subjected to a restocking fee.

Components that have been manufactured to a BSO requirement may not be eligible for return. Ausplow reserves the right to change specification/s of components without notice.

Spare Parts Return Policy

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

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

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

AUSPLOW FARMING SYSTEMS

AUSEEDER DBS - MULTISTREAM - EASITILL

TAX INVOICE

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	
Western Australia 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			
PARTS REQUESTED			
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 EASITILL - Frame List

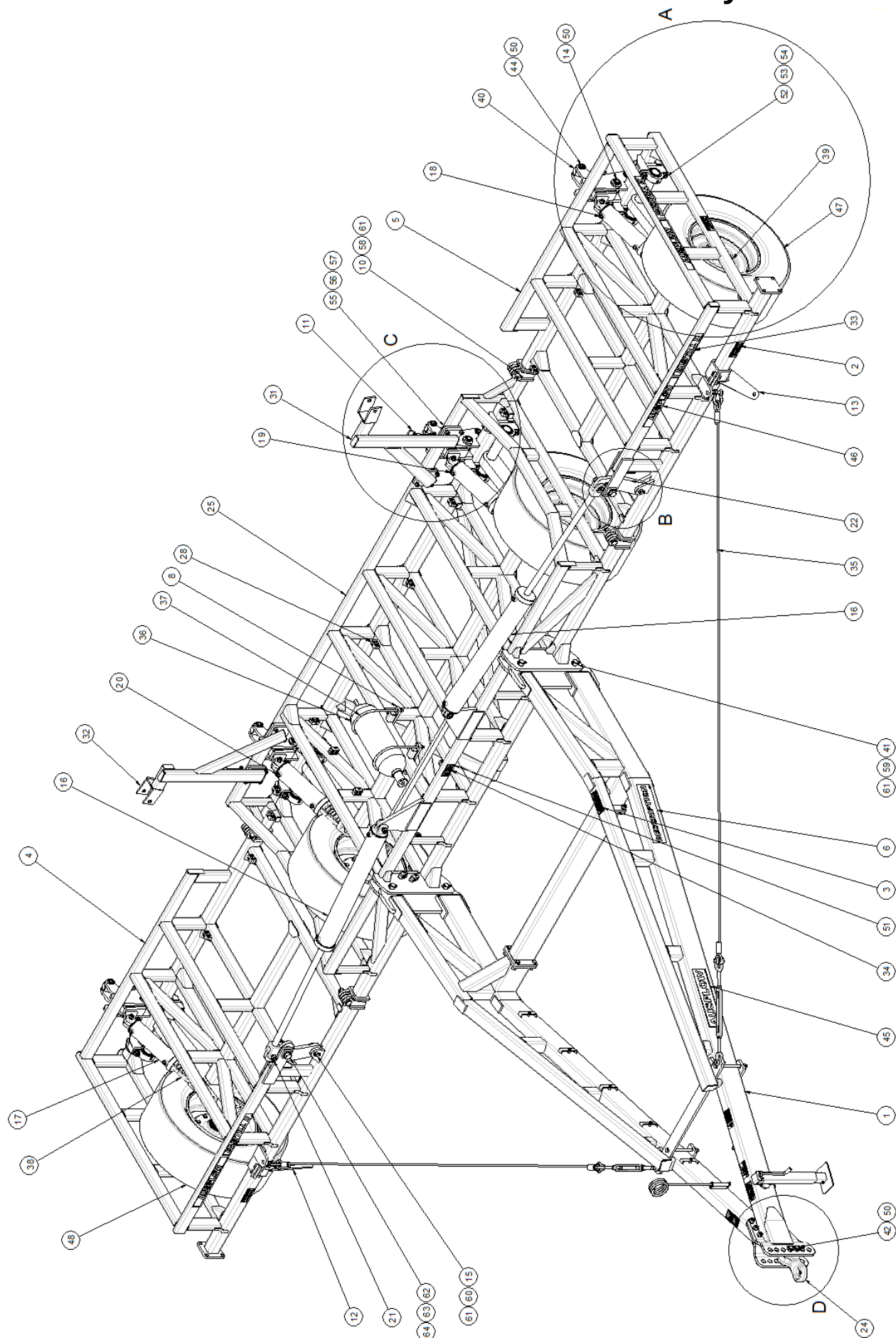
Series II (2021 Onwards)

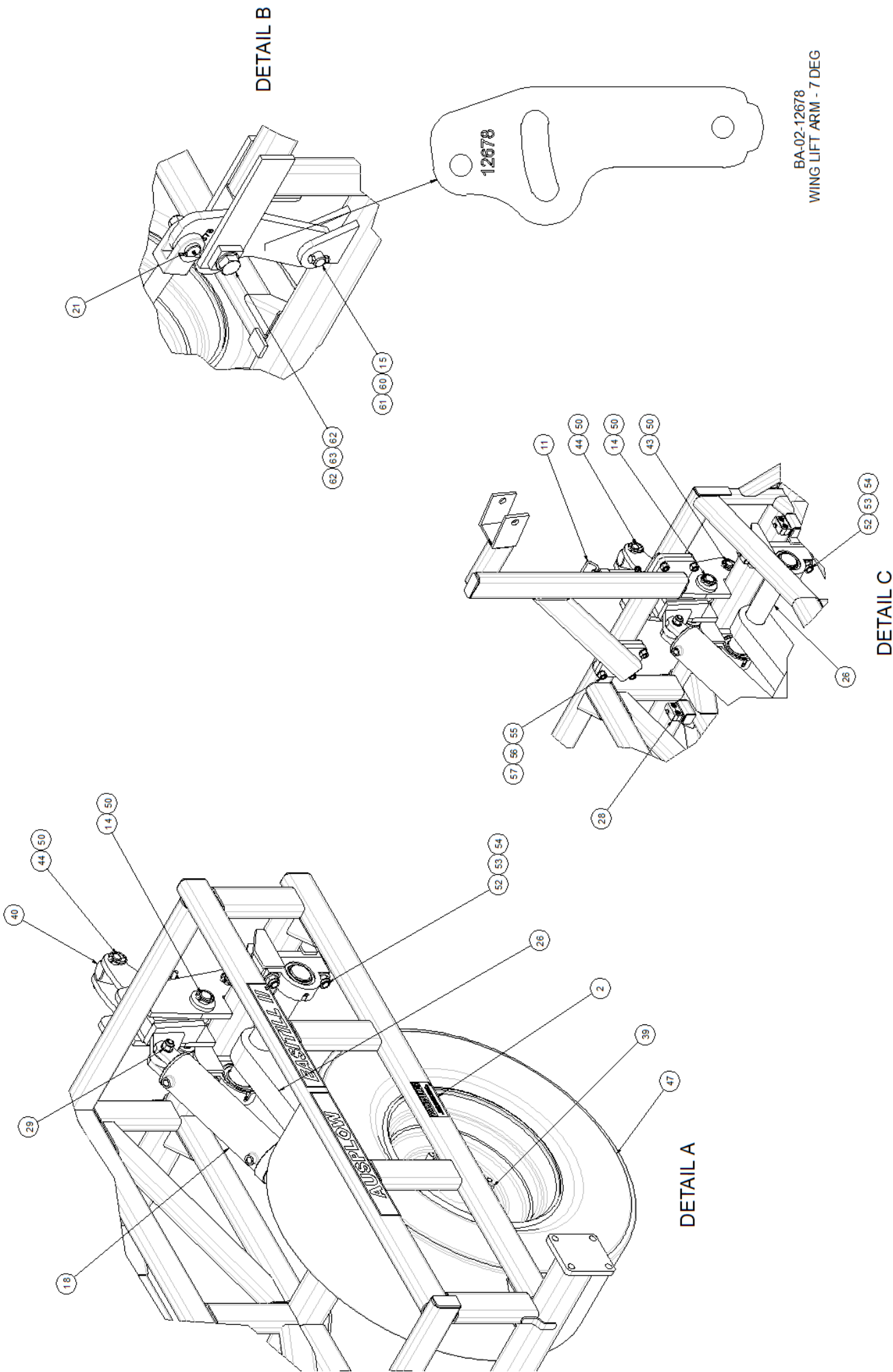
Fab GA Part #			Centre Frame		Wing Parts		Drawbar Assy 750 TINE		Drawbar Assy 820 TINE				Cable Stay Kit		Wing Arm		Wing Lift Arm		Single wheel arm	
		750 TINE 820 TINE			LH	RH	Drawbar Assy 750 TINE	Drawbar Assy 820 TINE	LH Arm 750 TINE	RH Arm 750 TINE	LH Arm 820 TINE	RH Arm 820 TINE	Cable Stay Kit	Cable Support	LH	RH	LH	RH	LH	RH
E460																				
E460-9/11		27469	13034					33683			33680	33682	6808				13045	13046	13045	13046
E460-15		11213	2141				2097	33683	2157	2156	33680	33682	6808				13045	13046	13045	13046
E460-21		026772	13034	26770	26769		2097	33683	2157	2156	33680	33682	6808	2198	33759	2154	2155	12678	13045	13046
E460-23		026772	13034	26770	26769		2097	33683	2157	2156	33680	33682	6808	2198	33759	2154	2155	12678	13045	13046
E460-27		13120	13033	13036	13035		2097	33637	2157	2156	33638	33639	6808	2196	33759	2154	2155	12678	13045	13046
E460-29		13120	13033	13036	13035		2097	33637	2157	2156	33638	33639	6808	2196	33759	2154	2155	12678	13045	13046
E520																				
E520-5			14324				14325	14325	26806	26805										
E520-11		27478	26915				33700	33700	26806	26805	33690	33698	6323				14387	14391	14612	14610
E520-23		026804	26915	15218	15216		26807	33700	26806	26805	33690	33698	6323	15587	33756	25508	25507	12678	14612	14610
E600																				
E600-5			14682				14325	14325	26806	26805										
E600-8		27484	26914				33688	33688	26812	26811	33686	33687	6280				14387	14391	14612	14610
E600-20		026814	26914	14601	14602		26813	33688	26812	26811	33686	33687	6280	14720	33755	14613	14600	12678	14612	14610

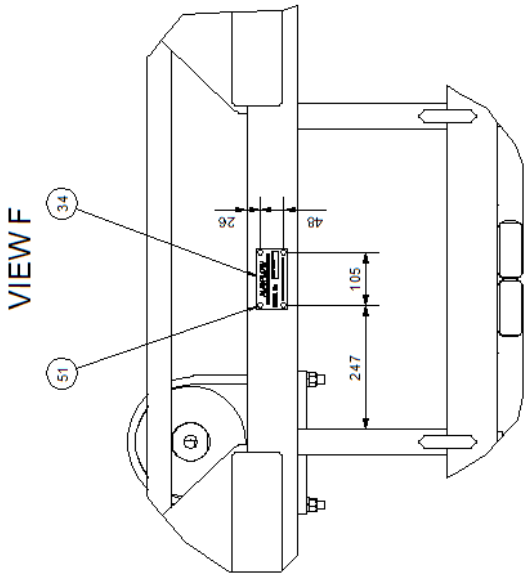
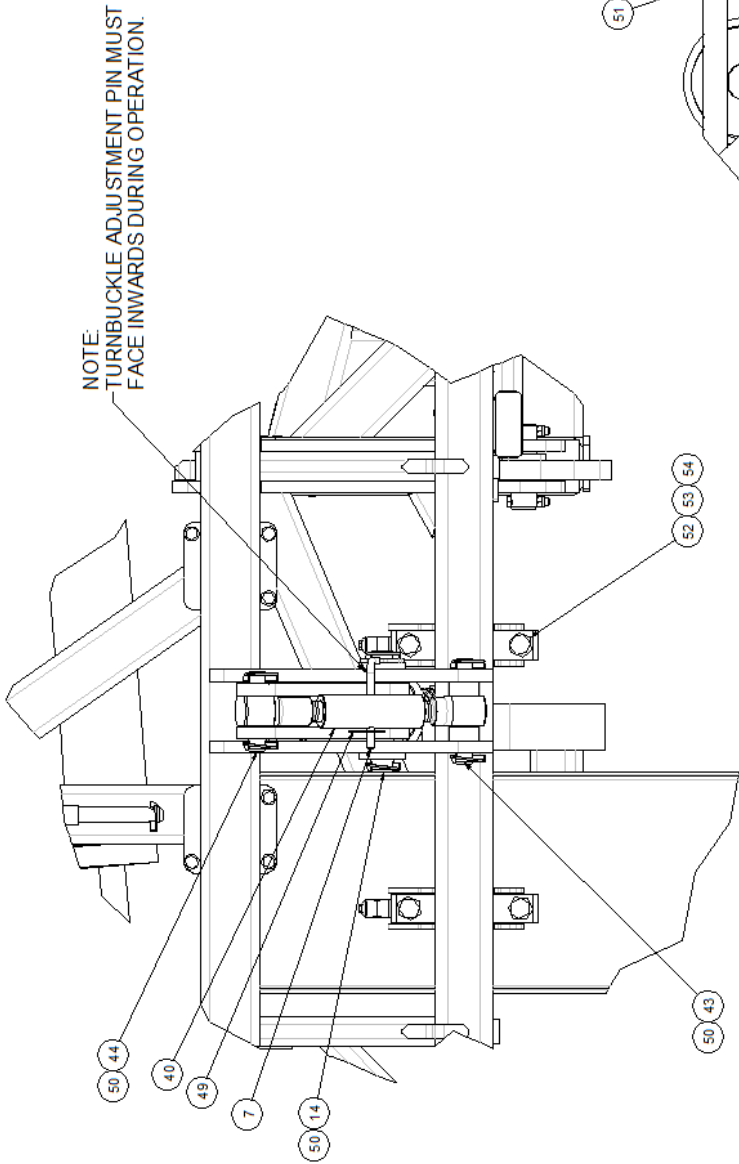
Series I

Fab GA Part #			Centre Frame		Wing Parts		Drawbar Assy 750 TINE	Drawbar Assy 820 TINE	Drawbar Assy				Cable Stay Kit		Cable Support		Wing Arm		Wing Lift Arm		Single wheel arm	
	750 TINE	820 TINE	LH	RH					LH Arm 750 TINE	RH Arm 750 TINE	LH Arm 820 TINE	RH Arm 820 TINE	Cross Member				LH	RH	LH	RH	LH	RH
E460																						
E460-9/11		27469						8603			6807	6806	6808								13045	13046
E460-15		11213					2097	8603			6807	6806	6808								13045	13046
E460-21	026772	26768	13034	26770	26769		2097	8603	2157	2156	6807	6806	6808	2198	5609		2154	2155	12678	13045	13046	13046
E460-23	026772	26768	13034	26770	26769		2097	8603	2157	2156	6807	6806	6808	2198	5609		2154	2155	12678	13045	13046	13046
E460-27	13120	13033	13034	13036	13035		2097	8603	2157	2156	6807	6806	6808	2198	5609		2154	2155	12678	13045	13046	13046
E460-29	13120	13033	13034	13036	13035		2097	8603	2157	2156	6807	6806	6808	2198	5609		2154	2155	12678	13045	13046	13046
E520																						
E520-5			14324				14325	14325	26806	26805											14387	14391
E520-11		27478	26915					5175		6325	6325	6324	6323								14612	14610
E520-23	026804	26808	26915	15218	15216		26807	5175	26806	26805	6325	6324	6323	15587	5550		25508	25507	12678	14612	14610	14610
E600																						
E600-5			14682				14325	14325	26806	26805											14387	14391
E600-8		27484	26914					8602		6274	6274	6273	6280								14612	14610
E600-20	026814	14603	26914	14601	14602		26813	8602	26812	26811	6274	6273	6280	14720	5132		14613	14600	12678	14612	14610	14610

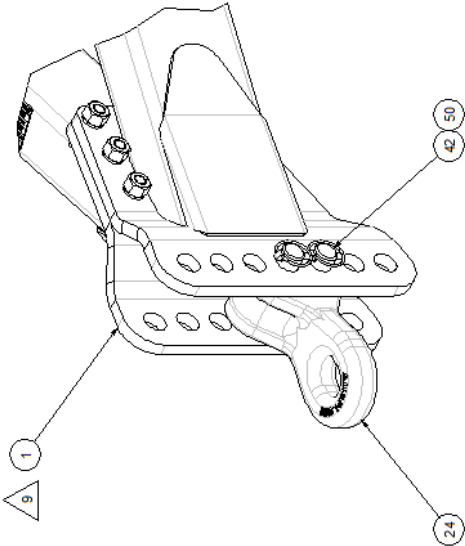
2.0 EASITILL II - Generic 3 Frame Assembly







NOTE: DRILL 4 HOLES Ø4.2 TO FIX SERIAL N°0 PLATE WITH HAMMER DRIVE SCREWS



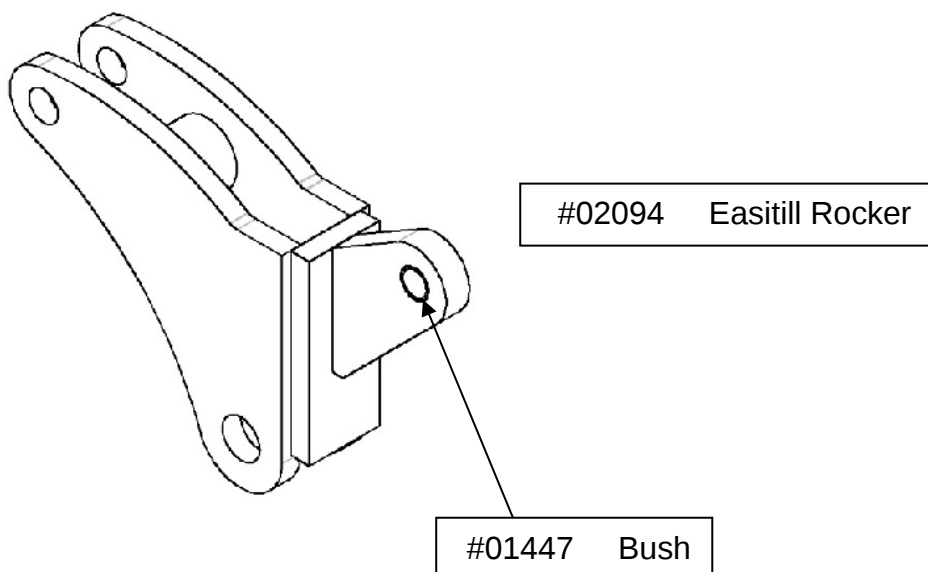
3 FRAME GENERIC PARTS

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	+	EASITILL WING RIGHT
5	1	+	EASITILL WING LEFT
6	2	+	DECAL "MODEL MACHINE"
7	+	28189	CAST ROCKER WHEEL ADJUSTER BENT ARM
8	2	01001	CLAMP PLATE – 20L ACCUMULATOR
9	1	01011	PAINT – GREEN 1L
10	4	01019	HINGE PIN
11	2	01020	PIN KIT 25.4mm x 185 INC LYNCH PIN
12	1	11119	LOWER CABLE BRACKET RH
13	1	11120	LOWER CABLE BRACKET LH
14	+	11880	PIN 39 x 207mm (Rocker middle)
15	2	12329	PIN – 31.5x116
16	2	+	HYD CYLINDER – WING LIFT 1.25" OR 1" PIN
17	1	12338	HYD CYLINDER PHASING 4.25 x 12"
18	1	12339	HYD CYLINDER PHASING 4.50 x 12"
19	1	12340	HYD CYLINDER PHASING 4.75 x 12"
20	1	12341	HYD CYLINDER PHASING 5.00 x 12"
21	4	12674	PIN SET - RAM CLEVIS 1.25" (Wing Lift Arm Upper) or
	4	01496	PIN SET RAM CLEVIS 1"
22	2	+	WING LIFT ARM
23	1	12837	DECAL CAUTION WING FOLDING 210 x 75
24	1	12889	TONGUE CAST CAT 4 – 2 x 36mm PINS
25	1	+	CENTER FRAME
26	+	+	AXLE ASSY SINGLE LH SHAFT
27	+	+	AXLE ASSY SINGLE RH SHAFT
28	+	14654	HYDRAULIC HOSE MOUNT CLAMP ASSY – 1/2" x 2
29	+	01496	PIN SET RAM CLEVIS 1"
30	+	02094	EASITILL ROCKER ASSY
31	1	+	WING SUPPORT ARM LH REAR
32	1	+	WING SUPPORT ARM RH REAR
33	7	02185	DECAL "EASITILL II" 450 x 75
34	1	02189	SERIAL No PLATE
35	1	+	CABLE STAY KIT
36	1	+	HYDRAULIC KIT
37	2	02999	U BOLT SET – 20L ACCUMULATOR U-BOLT
38	8	05005	DEPTH STOP SET
39	+	05011	WHEEL NUT M18
40	+	05098	WHEEL ADJUSTER ASSY M36

Ausplow Easitill & Deep/Market Ripper Spare Parts Manual

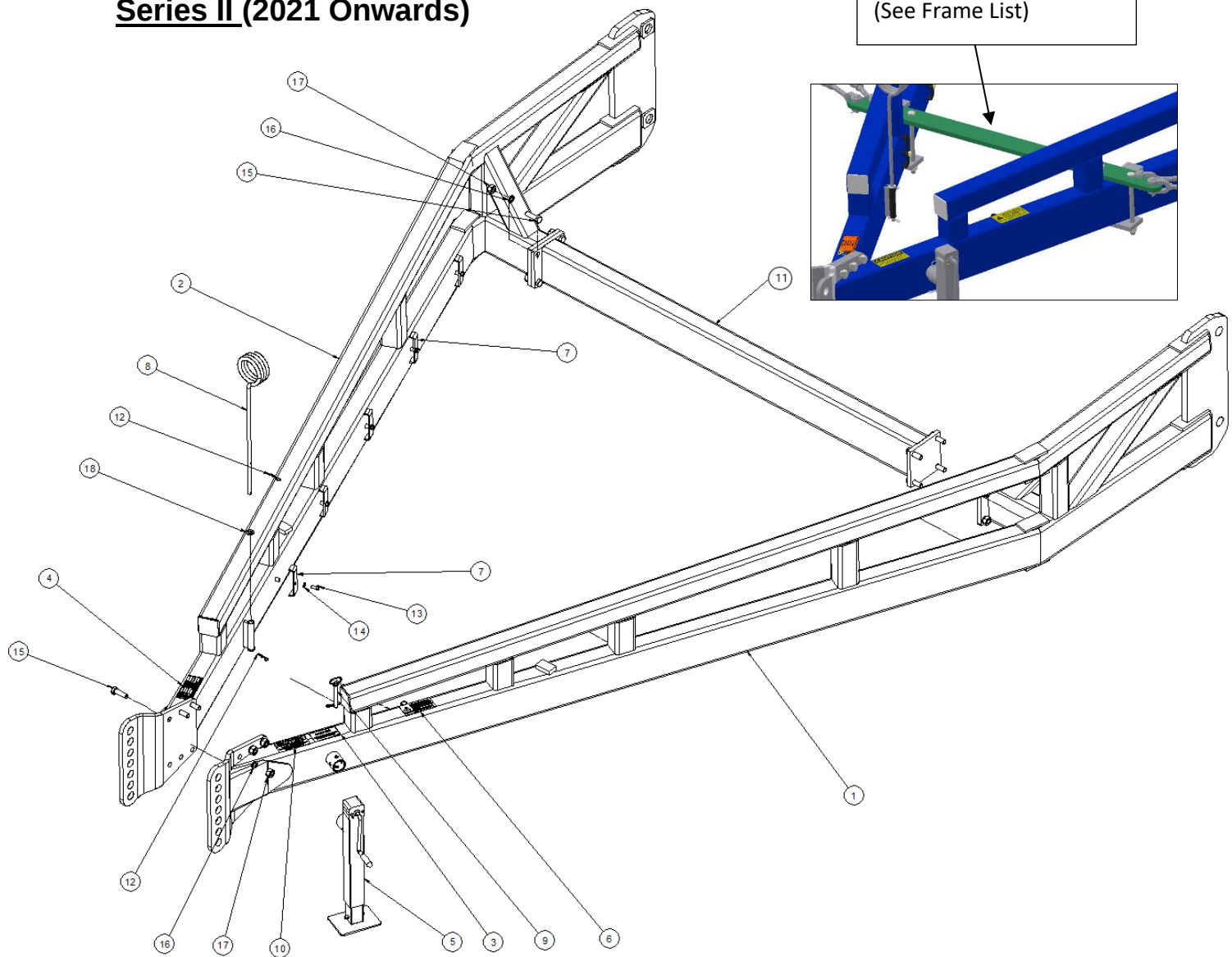
41	4	05121	PIN – 44.45x145mm
42	2	05123	PIN – 36x195mm
43	+	05124	PIN – 30x180mm
44	+	05125	PIN – 30x136mm
45	2	05602	DECAL "AUSPLOW" – 500x125mm
46	7	05653	DECAL "AUSPLOW" – 535x75mm
47	+	08766	WHEEL ASSY 385/65R22.5 LH (TYRE 08765, RIM 05201)
48	+	08767	WHEEL ASSY 385/65R22.5 RH (TYRE 08765, RIM 05201)
49	+	09032	R-CLIP – B10 – 3mm WIRE
50	+	09038	LYNCH PIN 11x50mm
51	4	09227	HAMMER DRIVE SCREW
52	+	09045	BOLT M24x120 – ZP – GRADE 8.8
53	+	09029	WASHER – FLAT M24
54	+	09523	NUT LOCK M24
55	+	09046	BOLT M16x60mm GR8.8
56	+	09048	WASHER – SPRING M16 ZP
57	+	09047	NUT HEX M16 ZP
58	+	09298	BOLT M12 x 50mm GR8.8 ZP
59	+	09349	BOLT M12 x 65mm – ZP
60	+	09684	BOLT M12x45 GR8.8 ZP
61	+	09009	NUT LOCK M12 ZP
62	+	09582	BOLT 1 1/4 x 6" UNC G8 ZP
63	+	09539	WASHER FLAT - M30 - ZP
64	+	09566	NUT 1 1/4 UNC NYLOCK ZP

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



3.0 EASITILL II Generic Drawbar Assembly

Series II (2021 Onwards)

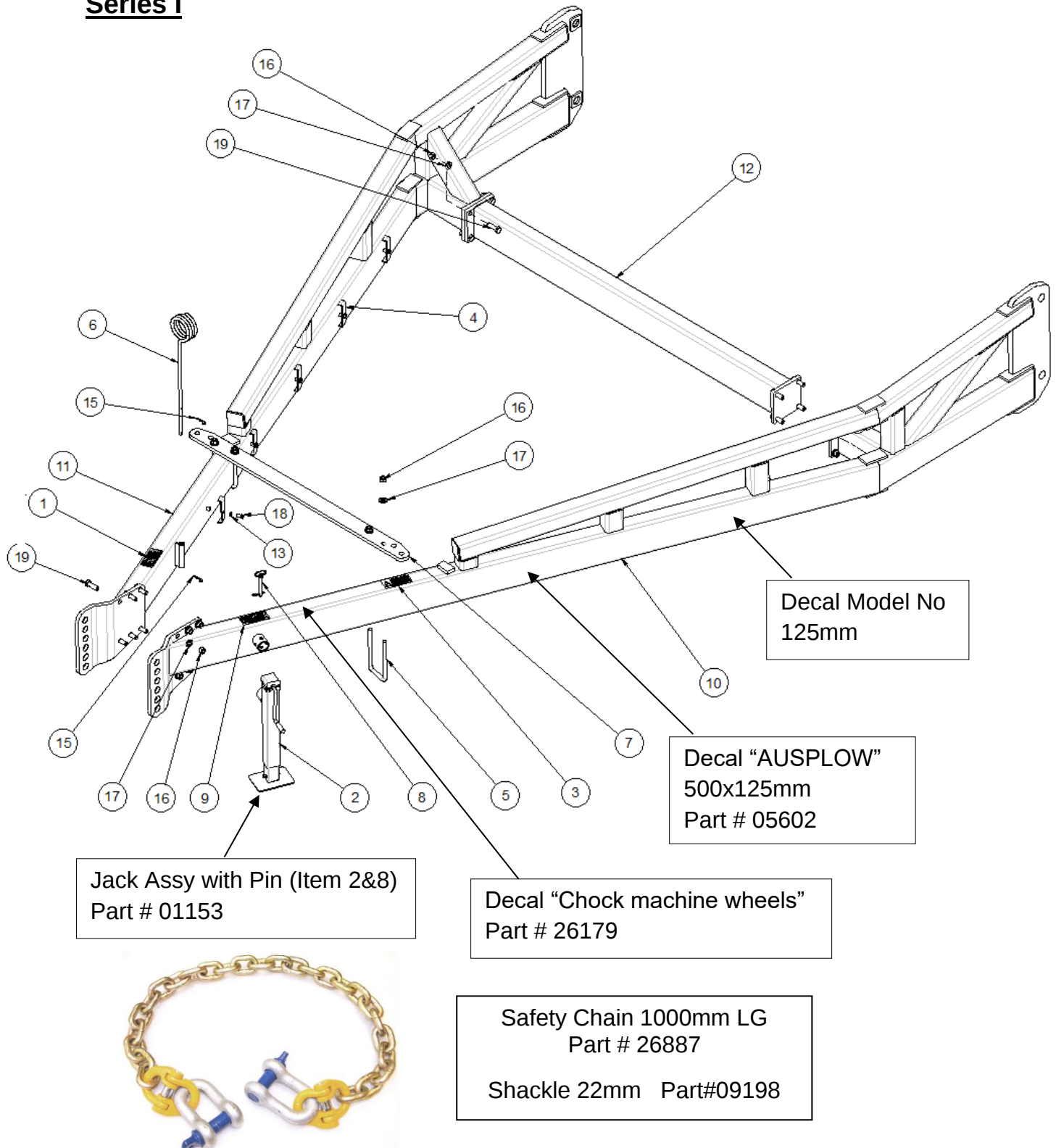


Item #	Qty	Part No	Description
1	1	See Frame List	DRAWBAR FRAME LH
2	1	See Frame List	DRAWBAR FRAME RH
3	1	26179	DECAL CHOCK MACHINE WHEELS
4	1	28129	DECAL HYD HOSE CONNECTIONS
5	1	12243	3T JACK WELDMENT
6	1	12651	DECAL CAUTION CABLE TENSION
7	5	05129	HYDRAULIC HOSE CLAMP
8	1	05303	HOSE SUPPORT 675mm LG
9	1	05829	JACK MOUNT PIN 5/8"
10	1	07507	DECAL CAUTION BACK HEAVY
11	1	See Frame List	DRAWBAR CROSSMEMBER
12	2	09032	R CLIP 3mm WIRE

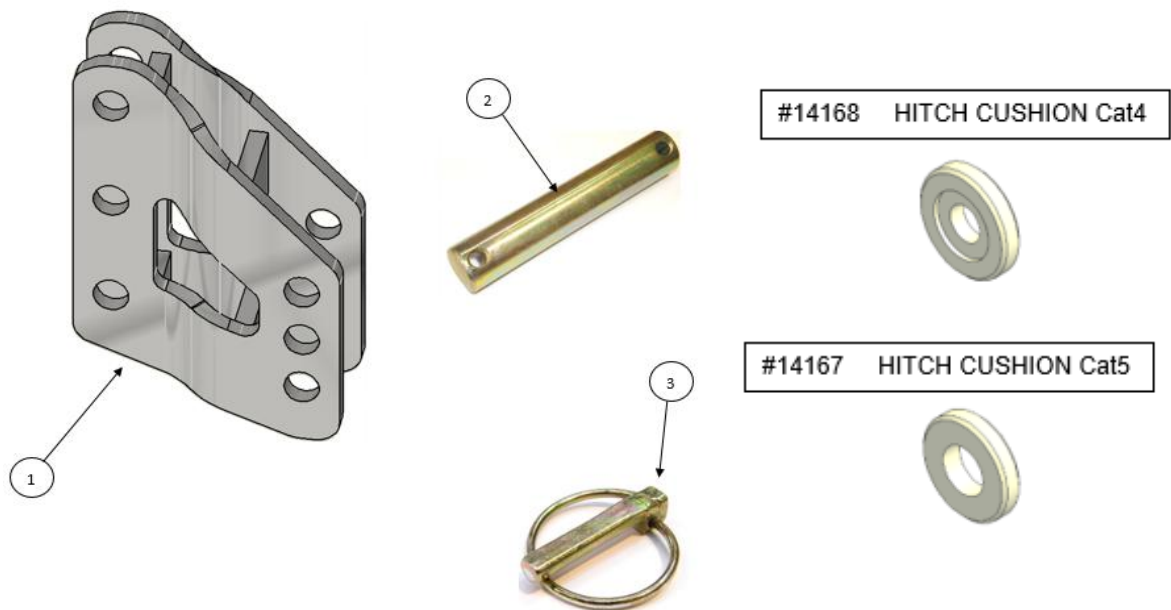
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13	5	09228	BOLT M12 x 25mm
14	5	09010	WASHER SPRING M12
15	11	09261	BOLT M20 x 65mm
16	11	09042	WASHER SPRING M20
17	11	09041	NUT M20
18	11	09023	WASHER FLAT M16

Series I



Item #	Qty	Part No	Description
1	1	28129	DECAL HYD HOSE CONNECTIONS
2	1	12243	3T JACK – TUBE MOUNT (NO PIN)
		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



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

4.0 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.

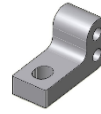
12760 - First Multistreams Cat 5 hitch – Replaced by 14689

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

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

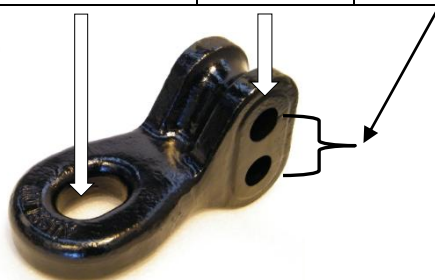
14689 - DBS tongue for all Cat 5 hitches with 36mm pins (Cat4)

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

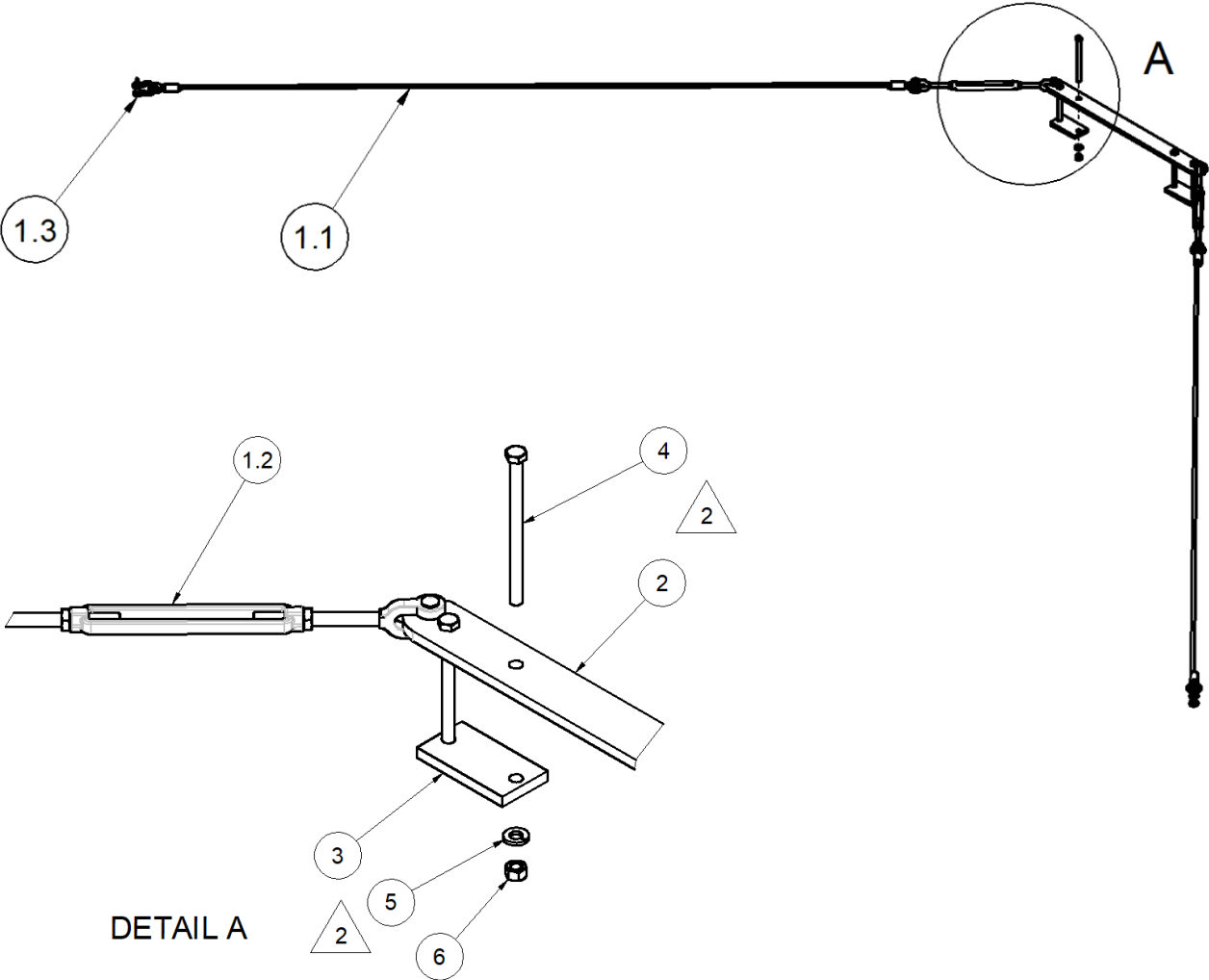


Part No	Cat.	Tow Pin Hole Size	Mount Pin Hole	Hole Centres	Constr. Type	Available
01050	3	45 x 55	2 x 33	60	FAB	YES
05115	4	54 x 69	2 x 37	60	FAB	NO USE 12889
05329	4	54 x 69	3 x 37	60	FAB	YES
12889	4	52 x 67	2 x 37	60	CAST	YES
12890	5	72 x 87	2 x 40	70	CAST	YES
12760	5-4	72 x 92	3 x 37	60	FAB	NO USE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



5.0 Cable Stay Kit - 3 Frame Generic



Item #	Qty	Part No	Description
1.1	1	*	CABLE
1.2	2	05376	TURNBUCKLE
1.3	2	05394	BOW SHACKLE 4.75 T x 7/8 PIN
2	1	*	CABLE BRACKET
3	2	05337	MOUNTING PLATE
4	4	09360	BOLT M20 x 280mm
5	4	32754	WASHER SPRING M20
6	4	09332	HEX NUT M20
*			SEE TABLE BELOW

Please Note:

820mm Tine Easitill bars had new drawbars and cable bracket in 2021.

Cable stay kit part numbers are the same for both Series I and II.

Refer to Easitill Frame List in Chapter 1 for Series I Cable Brackets.

Bar Model	Cable Stay Kit (Inc Bracket, 2 x Cable Sets & Fasteners)	Cable Set	Cable Bracket	Fasteners
E460-21	02198	02186	33759	05337 x 2, 09360 x 4, 32754 x 4, 09332 x 4
E460-23	02198	02186	33759	
E460-27	02196	02183	33759	
E460-29	02196	02183	33759	
E520-23	15587	05626	33756	
E600-20	14720	05424	33755	



x 4



x 2

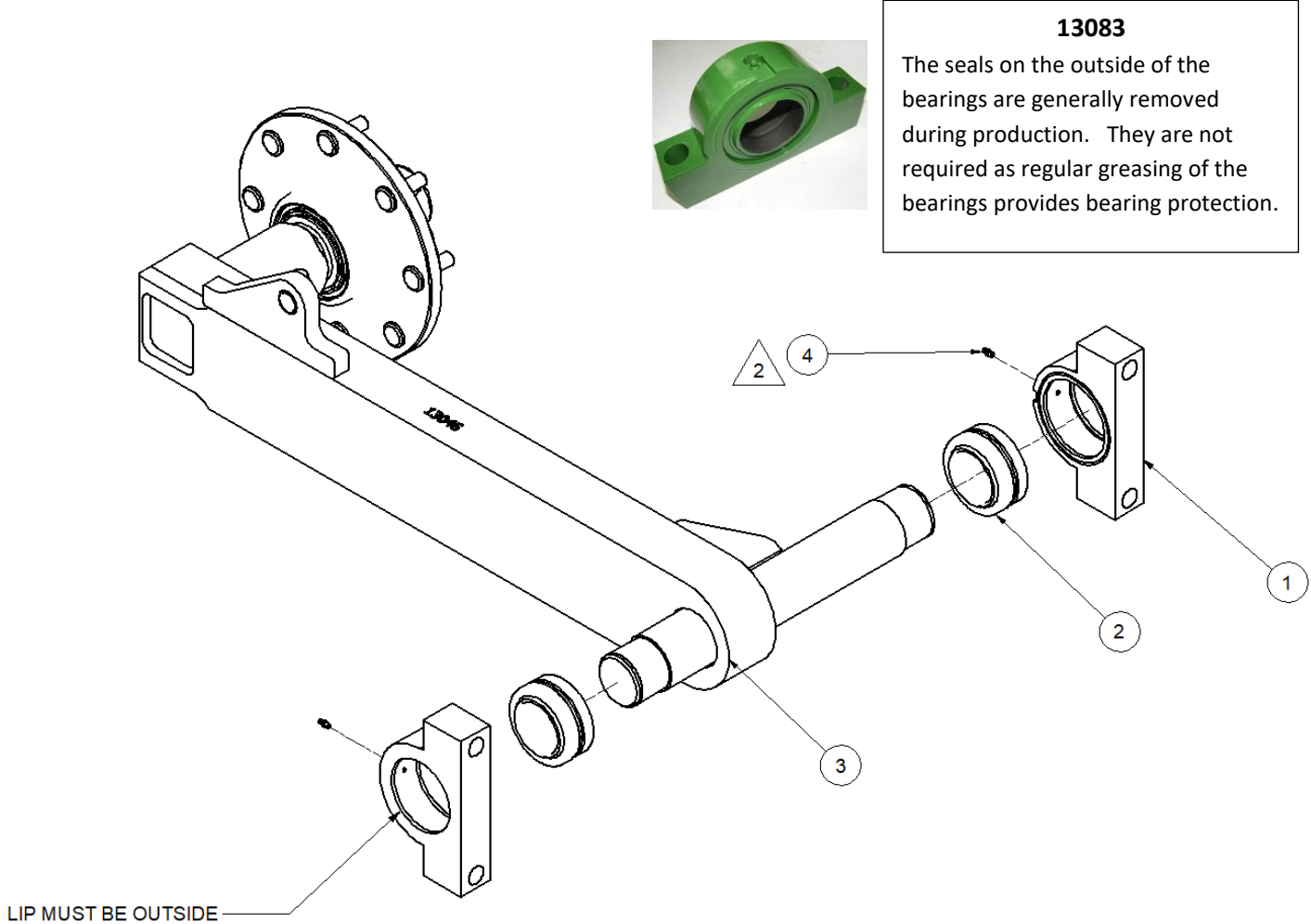


x 4



x 4

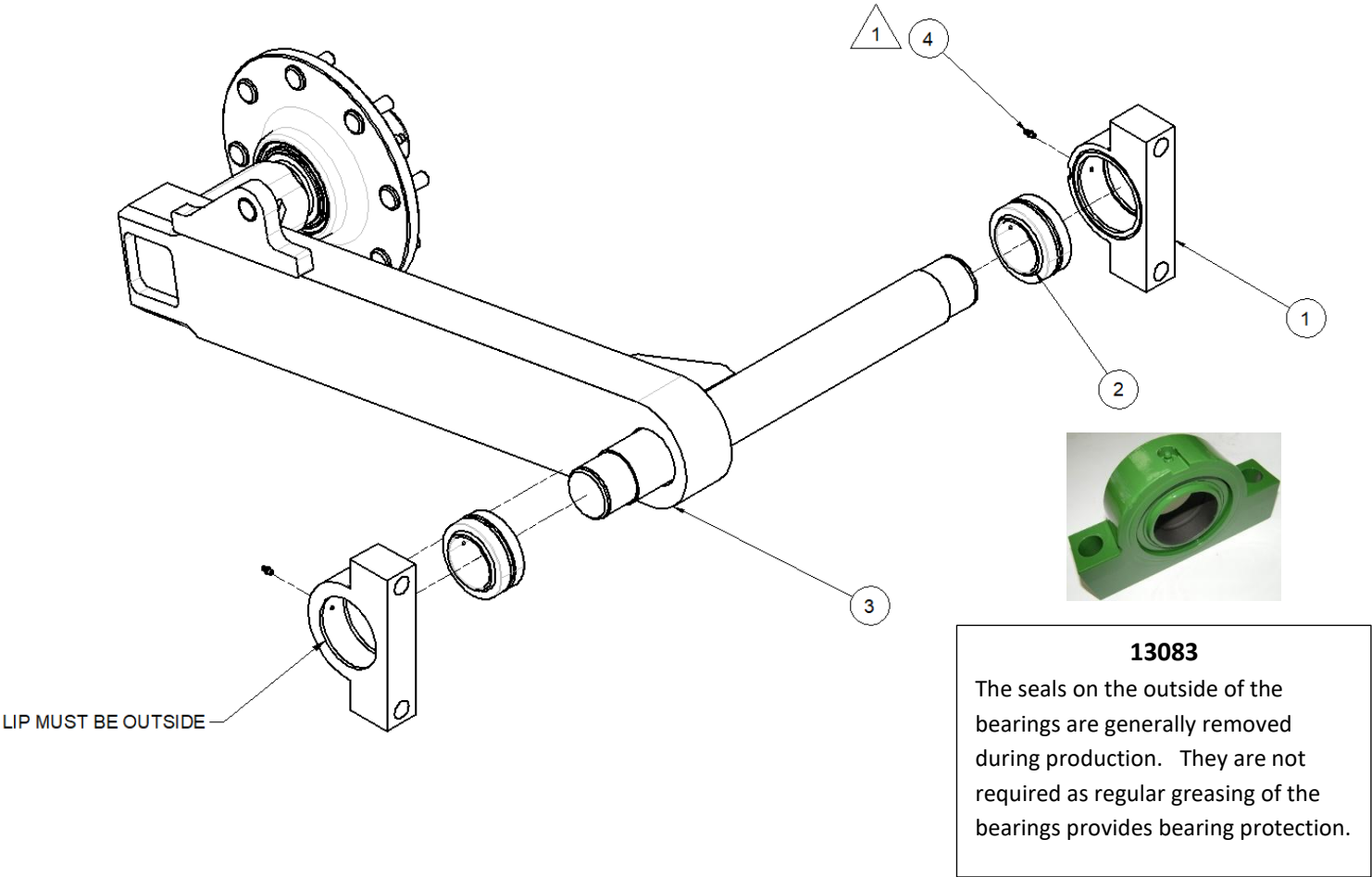
6.0 Axle Assembly - Single RH 509 Shaft



NOTE: 509 Axle Assembly shown is right hand, left hand assembly is a mirror image Part # 13043

Item #	Qty	Part No	Description
All	1	13044	EASITILL AXLE ASSEMBLY SINGLE RH SHAFT 509
1,2,4	2	13083	BEARING ASSY WHEEL ARM
1	2	01059	BEARING HOUSING WHEEL ARM
2	2	NSS	BEARING S/A WHEEL ARM (sold as 13083 Assy)
3	1	13046	WELDMENT AXLE RH 509L EASITILL
4	2	04278	GREASE NIPPLE 6MM STRAIGHT
	2	09001	GREASE NIPPLE ¼" BSW (PRE-2024)

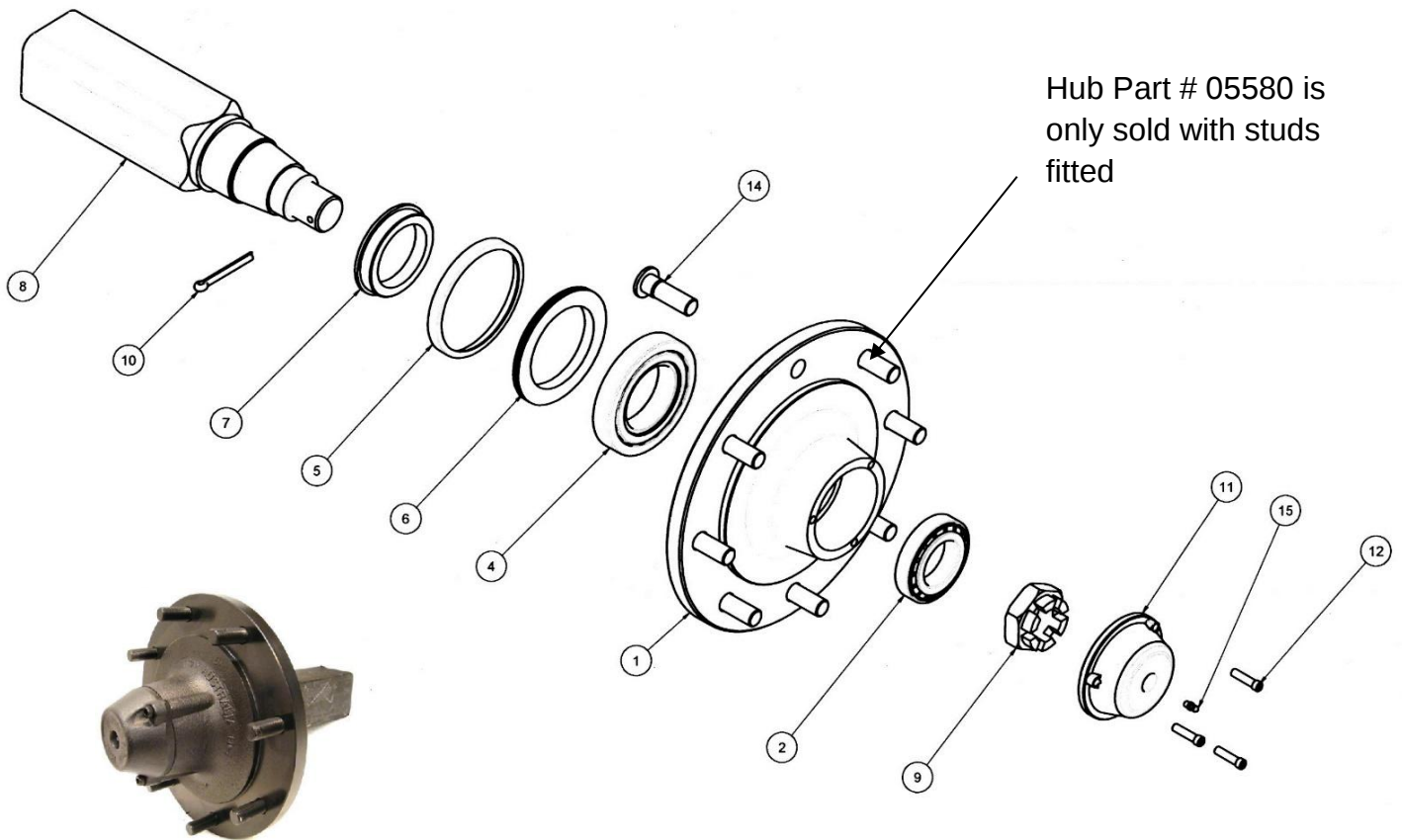
7.0 Axle Assembly - Single RH 659 Shaft



NOTE: 659 Axle Assembly shown is right hand, left hand assembly is a mirror image
Part # 14609

Item #	Qty	Part No	Description
All	1	14611	EASITILL AXLE ASSEMBLY SINGLE RH E600 SHAFT 659
1,2,4	2	13083	BEARING ASSY WHEEL ARM
1	2	01059	BEARING HOUSING WHEEL ARM
2	2	NSS	BEARING S/A WHEEL ARM (sold as 13083 Assy)
3	1	14610	E600-20 EASITILL AXLE ASSEMBLY - RH
4	2	04278	GREASE NIPPLE 6MM STRAIGHT
	2	09001	GREASE NIPPLE ¼" BSW (PRE-2024)

8.0 Hub Assembly – 80 Series



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

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 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

9.0 Tyres and Rims



Item #	Part No	Description
1	08766	TYRE & RIM ASSY 385/65/22.5 LH LUG TREAD
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
4	11952	TYRE & RIM ASSY 400/60/22.5 RH FLOTATION TYRE HARVEST
5	05678	TYRE & RIM ASSY 16.0/70 – 20LH GOODYEAR
6	05679	TYRE & RIM ASSY 16.0/70 – 20RH GOODYEAR



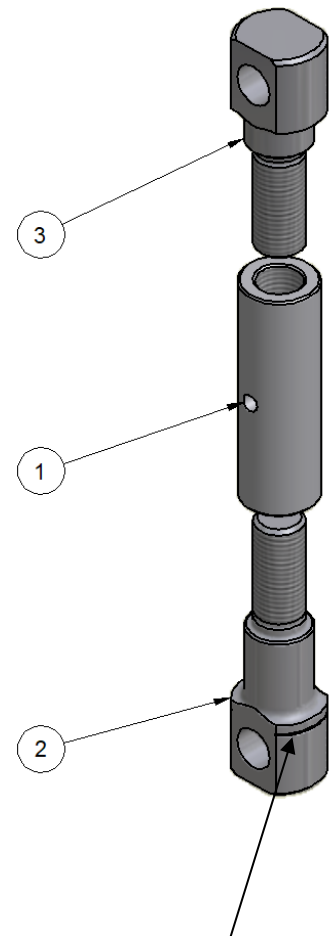
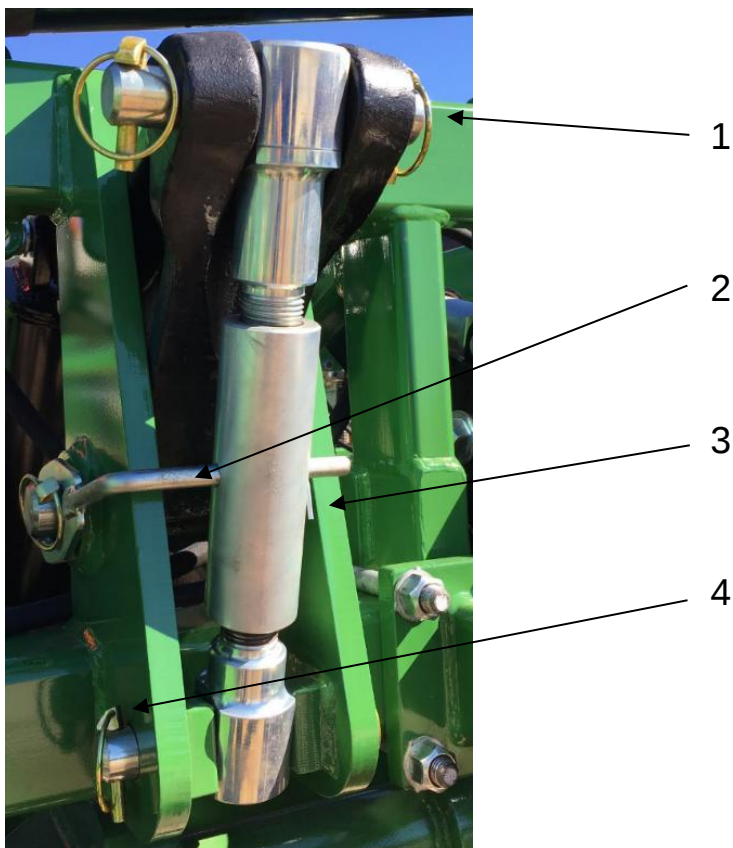
Tyre Rotation Guide

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.

10.0 Wheel Adjuster Assembly

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

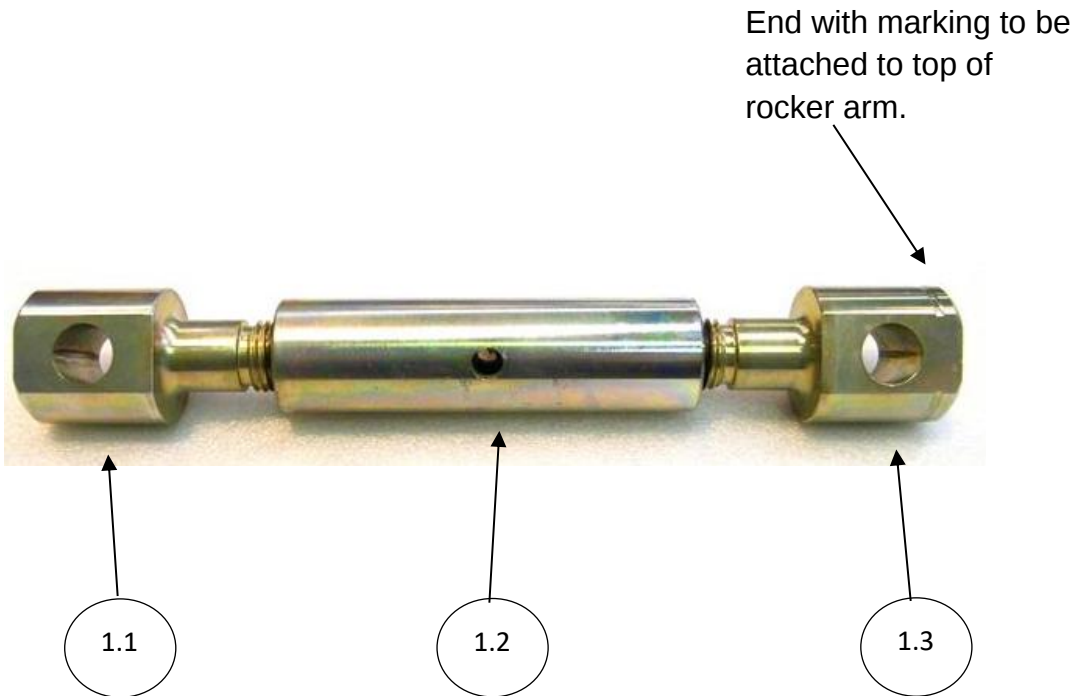
Item #	Part No	Description
All	05098	WHEEL ADJUSTER ASSY – M36
1	05126	WHEEL ADJUSTER CENTRE
2	05127	WHEEL ADJUSTER SCREW – M36LH - (Upper)
3	05128	WHEEL ADJUSTER SCREW – M36RH – (Lower)



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

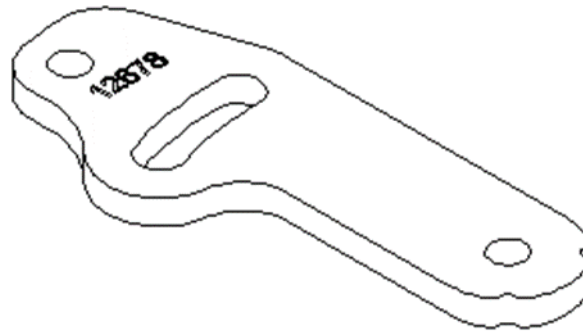
Item #	Part No	Description
1	05124	PIN UPPER & LOWER - 30 x 180mm (for cast rocker)
	05125	PIN UPPER - 30 x 136mm – (older machines pre 2015)
2	28189	WHEEL ADJUSTER LOCK ROD
3	09032	R CLIP
4	09038	LYNCH PIN - 11 x 50mm

10.2 **Wheel Adjuster 1.25” – Older Version (Uses 1”dia Pin)**



Item #	Part No	Description
1	01114	WHEEL ADJUSTER ASSY – 1.25”
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

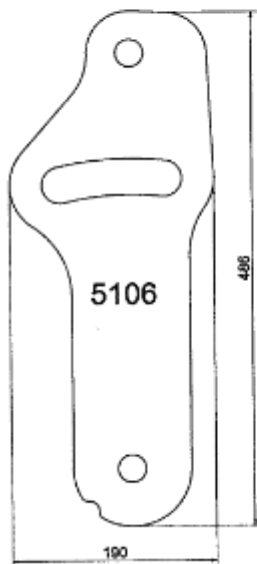
11.0 Wing Fold Arms



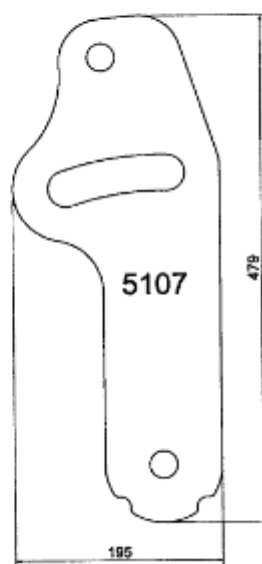
Wing Lift Arm for Easitill machines after 2010 is Part # 12678

Prior to 2010 Wing Lift Arms used the 1" Clevis Pin, see below for details

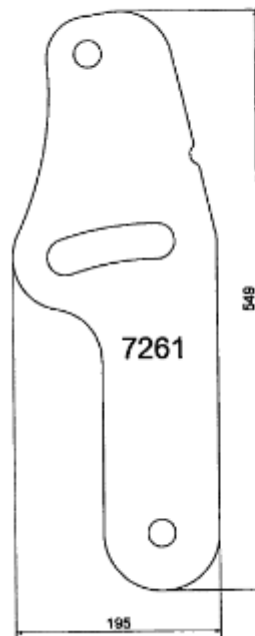
WING LIFT ARM 7' 260mm
PART NO. 5106



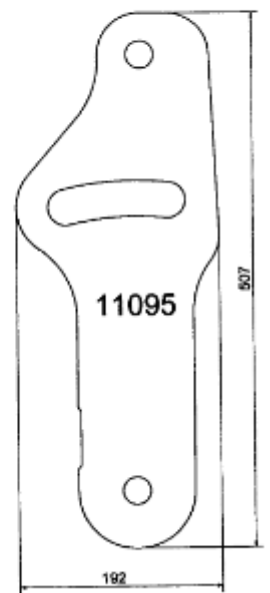
WING LIFT ARM 7' 300mm
PART NO. 5107



WING LIFT ARM 90' 300mm
PART NO. 7261

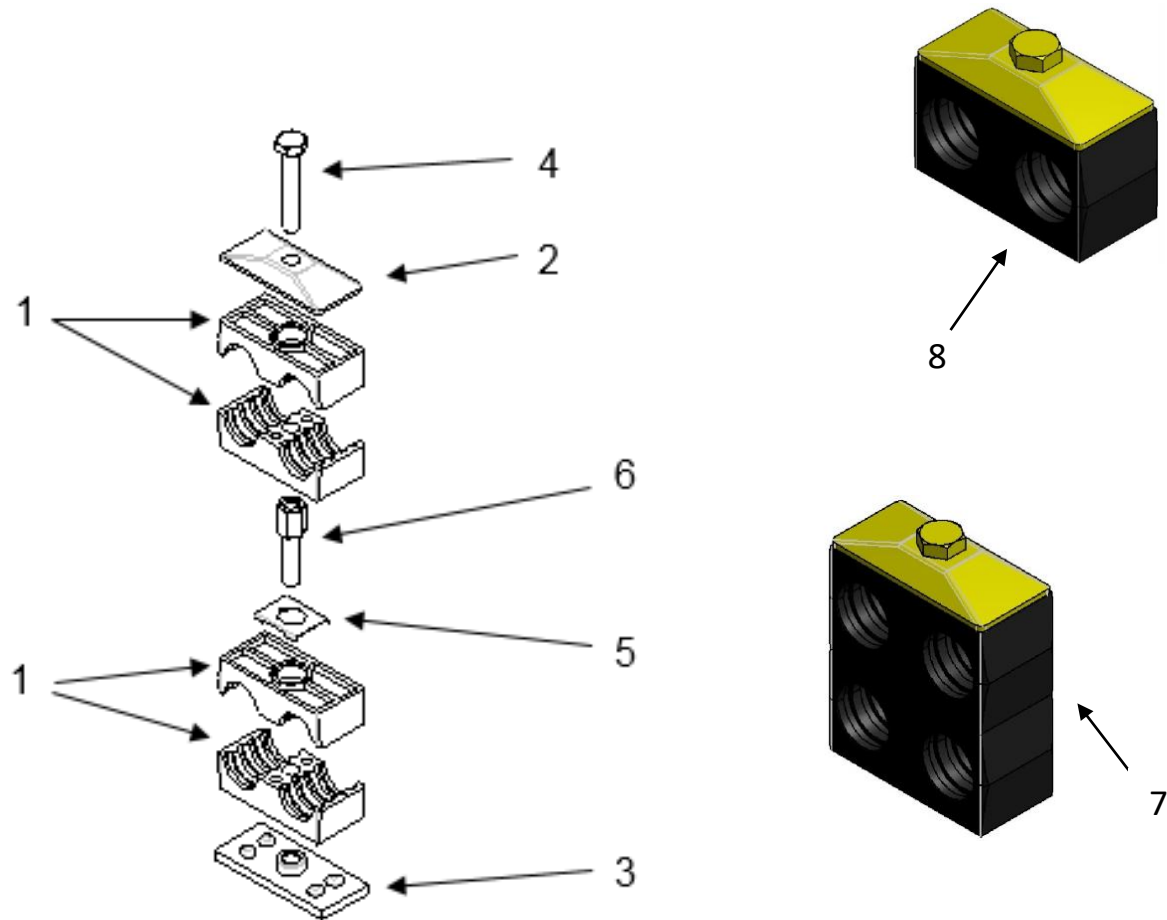


WING LIFT ARM 5' 260mm
PART NO. 11095



12.0 Hydraulic Hose Fittings

12.1 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 $\frac{1}{2}$ "
8	1	14654	HOSE MOUNT CLAMP ASSY 2 x $\frac{1}{2}$ "

$\frac{3}{8}$ " 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.

12.2 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



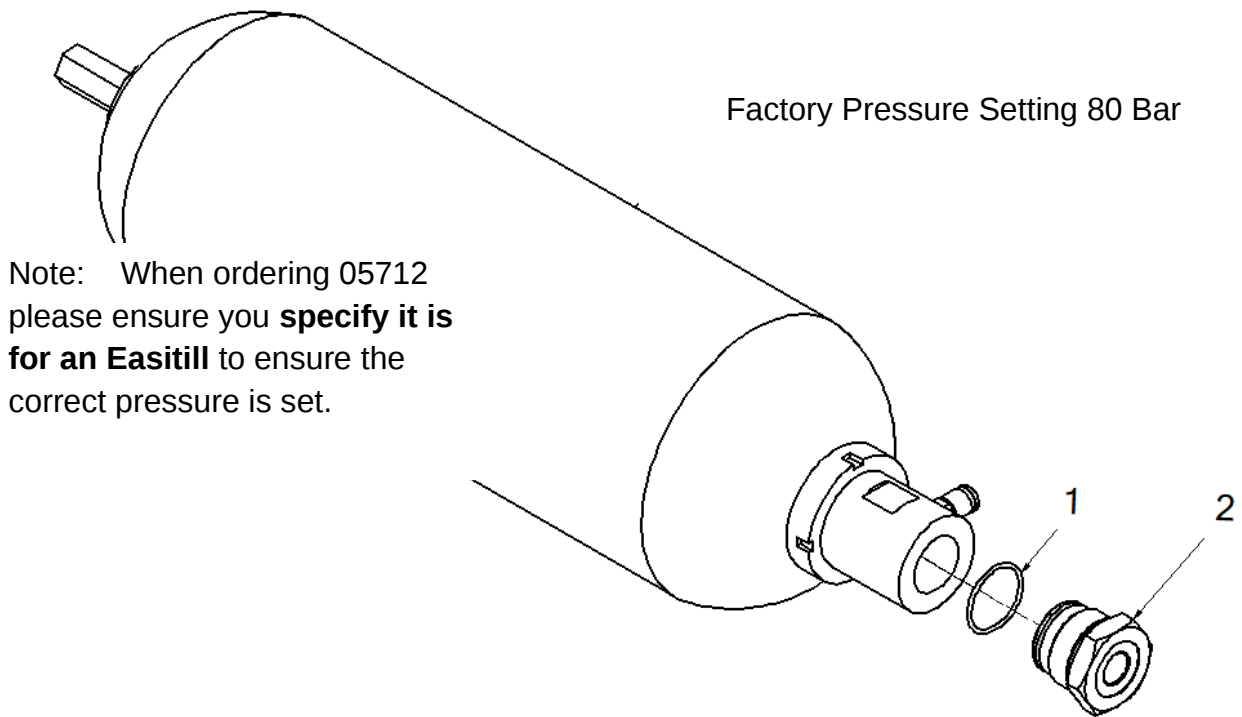
Jump Cylinder Bleed Hose
Part # 15939



DBS Bleed Point
Part # 15771

13.0 Accumulator & Fittings

13.1 Accumulator

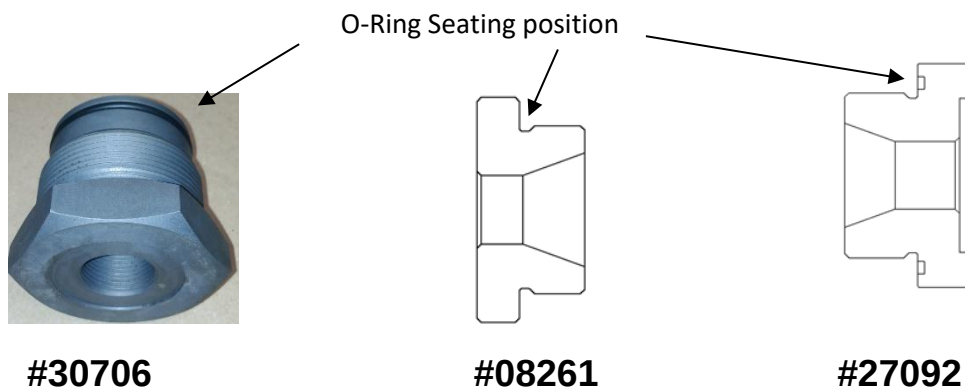


Item #	Part No	Description
All	05712	ACCUMULATOR 20 LTR c/w ADAPTOR & O-RING
1	09929	O RING 48.7 x 3.1mm NITRILE – Suits current 05529 Adaptor (Dec17 on)
	27264	O-RING 70 x 3.5mm – Suits previous 27092 Adaptor
	09361	O RING 54 x 3mm NITRILE – Suits older 08621 Adaptor
2	30706	ADAPTOR - 2" BSPPM x 3/4"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

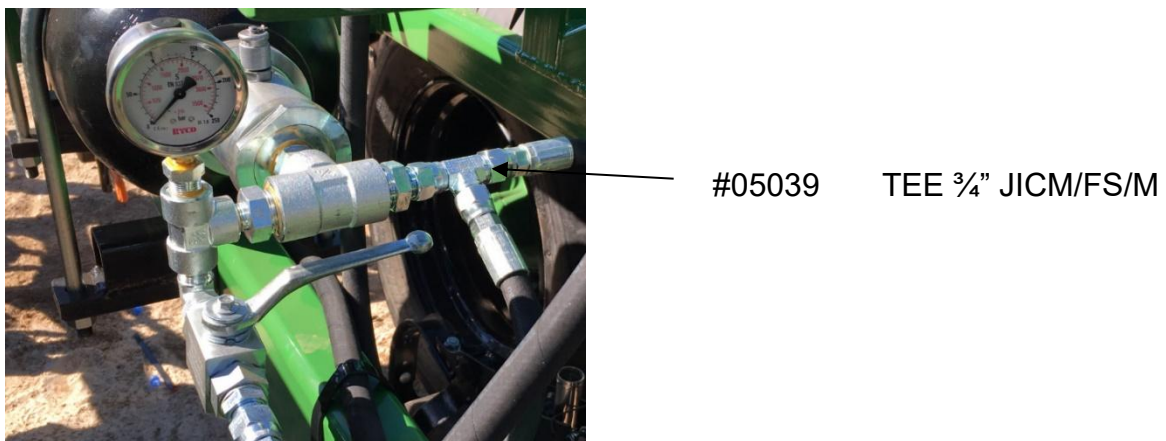
In Dec 2017 Ausplow changed the hydraulic accumulator resulting in new accumulator adaptors and O-rings now fitted on all new machines.

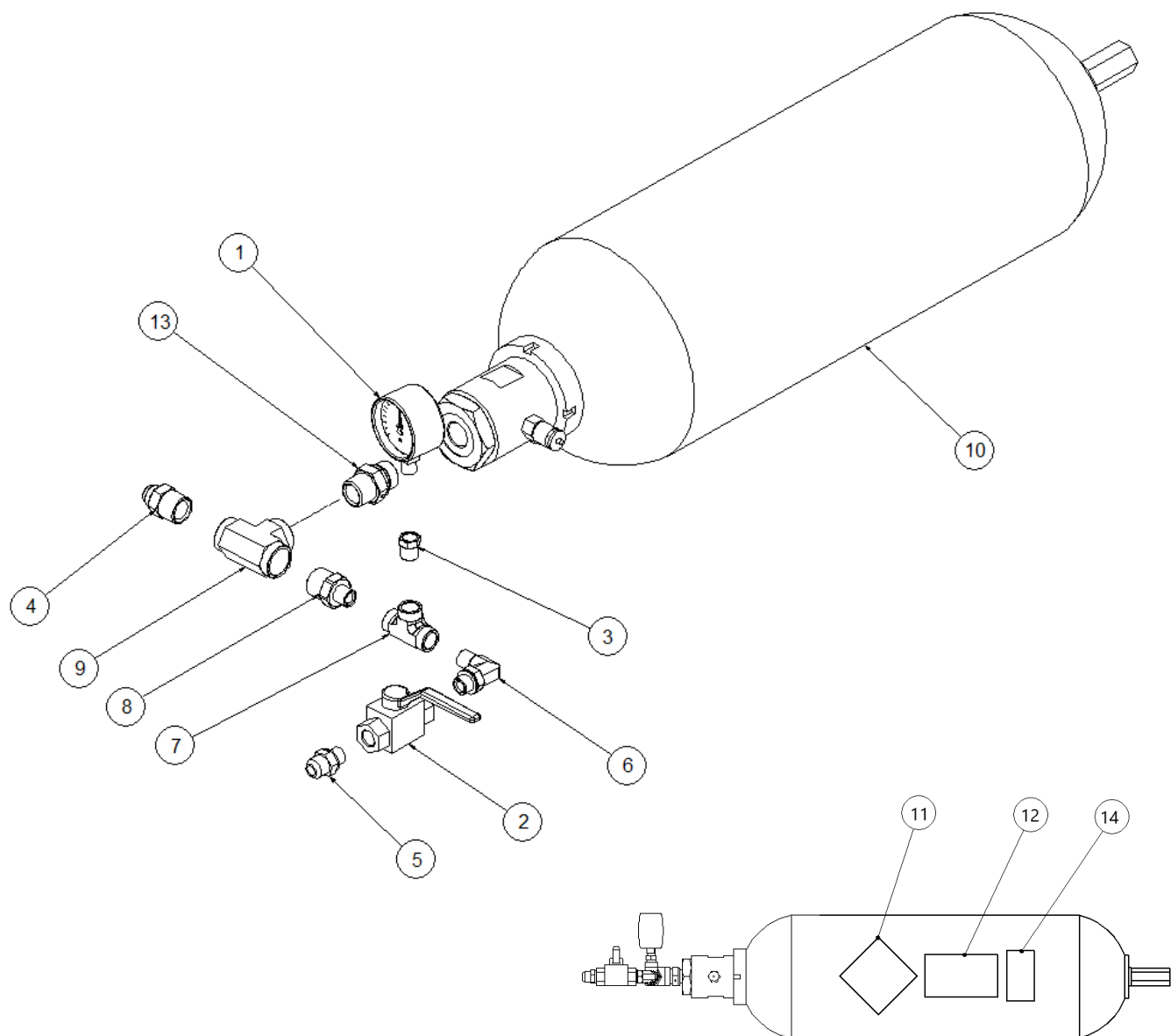
The new style accumulator adaptors and O-rings are **not directly interchangeable** with previous adaptors because of the change in fittings, seating position and O-ring size.

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



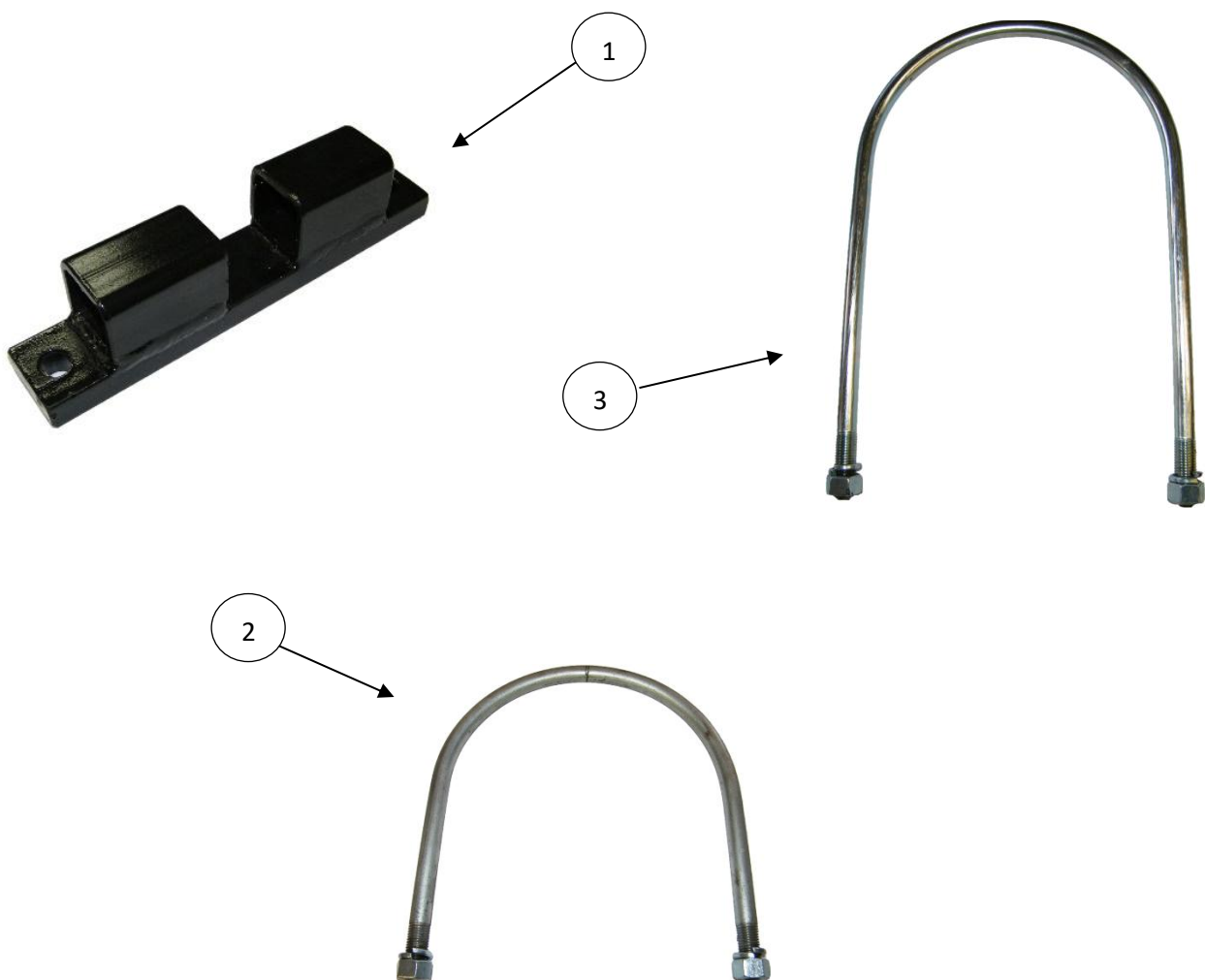
Ausplow highly recommends measuring the O-ring diameter before placing orders.





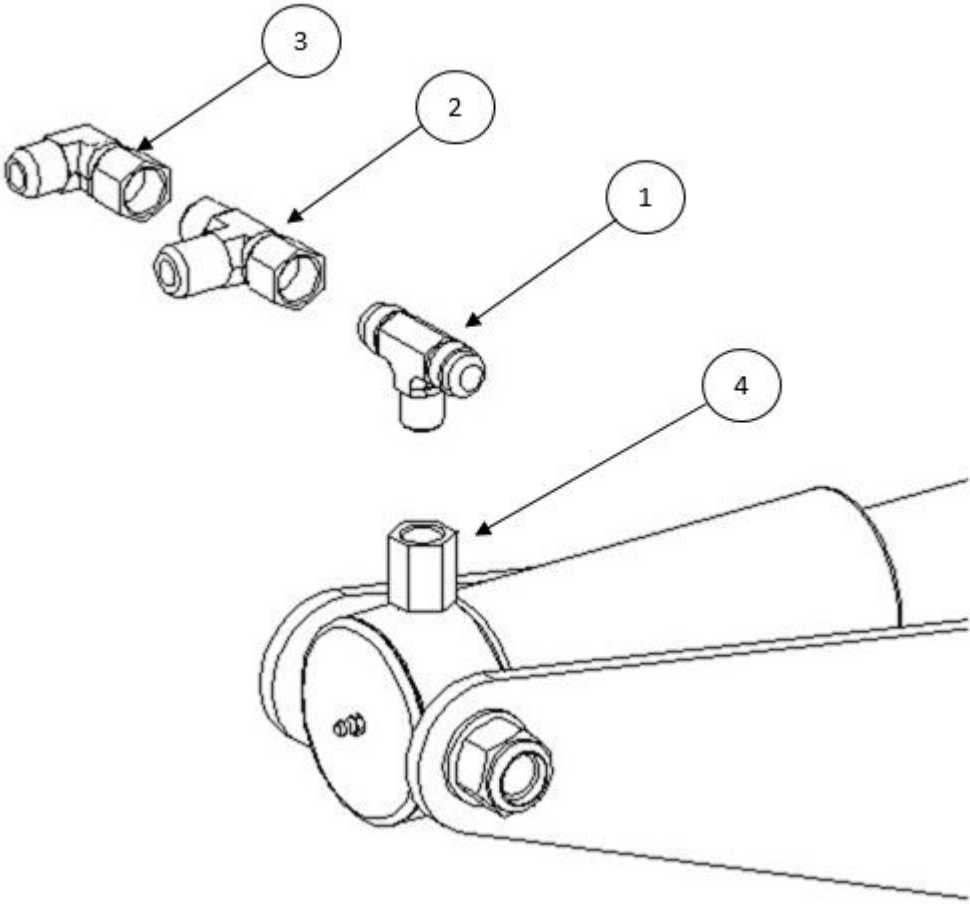
Item #	Part No	Description
1	01110	PRESSURE GAUGE – 250 Bar
2	01111	BALL VALVE 2 WAY
3	05016	REDUCER BUSH - 3/8" BSPTM x 1/4" BSPTF
4	05017	ADAPTOR - 3/4" BSPTM x 3/4" JICM
5	05021	ADAPTOR - 3/8" BSPPM x 3/4" JICM
6	05022	ELBOW 90DEG - 3/8" BSPTM x 3/8" BSPPOM
7	05026	TEE - 3/8" BSPTF x F x F
8	05031	ADAPTOR - 3/4" BSPTM x 3/8" BSPTM
9	05032	TEE - 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 3/4" BSPP x 3/4" BSPT
14	05782	DECAL ACCUM CHARGE PRESSURE

13.2 Accumulator Clamp Plate



Item #	Qty	Part No	Description
1	2	01001	ACCUMULATOR CLAMP PLATE – 50mm
2	2	02998	U BOLT SET M16 x 234 x 280mm ROUND
3	2	02999	U BOLT SET M16 x 234 x 380mm ROUND

14.0 Jump Cylinder Hydraulic Fittings



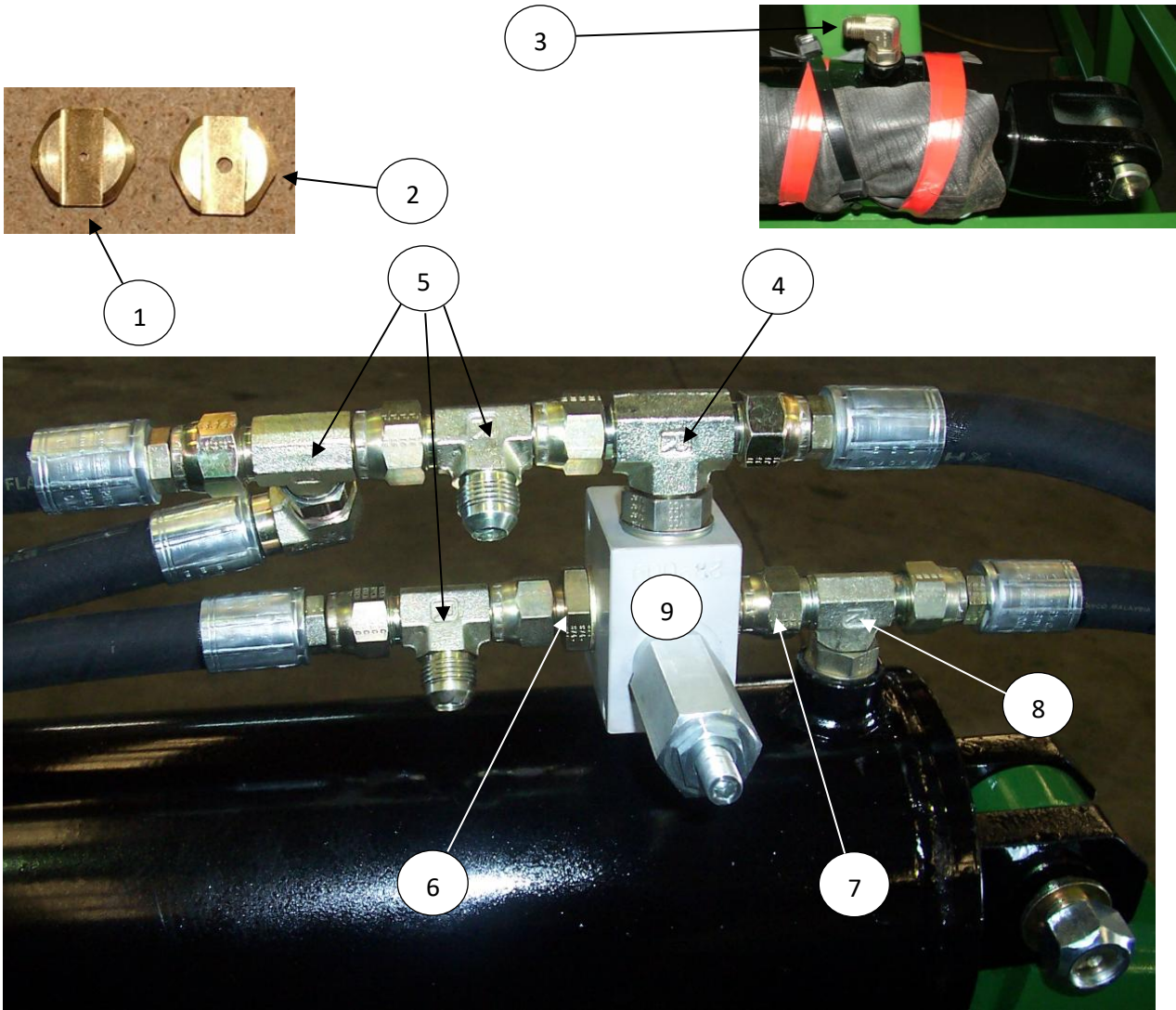
Item #	Qty	Part No	Description
1	1	01113	TEE 3/4 JICM/M x 1/8" BSPTM
2	1	05039	TEE 3/4 JICFS x 3/4 JICM x 3/4" JICM
3	1	05012	ELBOW 90 DEG 3/4 JICM x 3/4" JICFS
4	1	06016	CHECK VALVE

15.0 Wing Fold Hydraulics



Flow Restrictor fitted
grove 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



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.

16.0 Phasing and Wing Fold Cylinders

16.1 Phasing / Wing Cylinder Identification

Replacement Cylinders

Replacement Phasing Cylinders are supplied as Alford or Baker.
Note: Seal kits for Bakers and Alfords cylinders are different.

Seal Kits

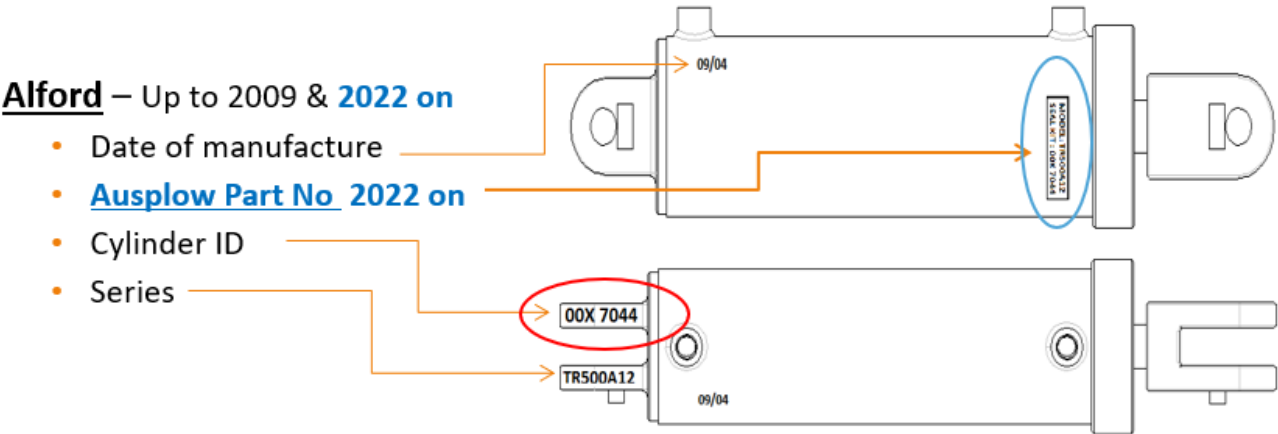
Before ordering replacement seal kits:

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		Alford Cylinders
2009 onwards		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:

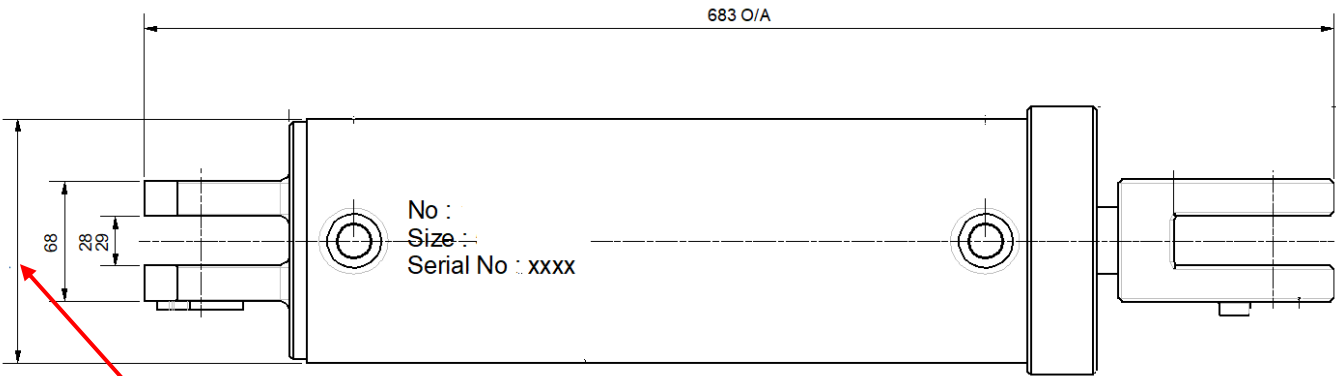
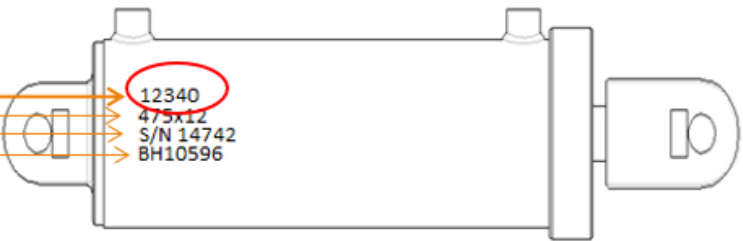




#09274

Baker – 2009 onwards

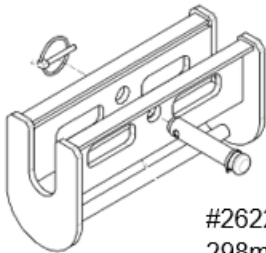
- **Ausplow Part No**
- **Size**
- **Serial number**
- **Supplier code**



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

DEPTH STOP KIT #05005



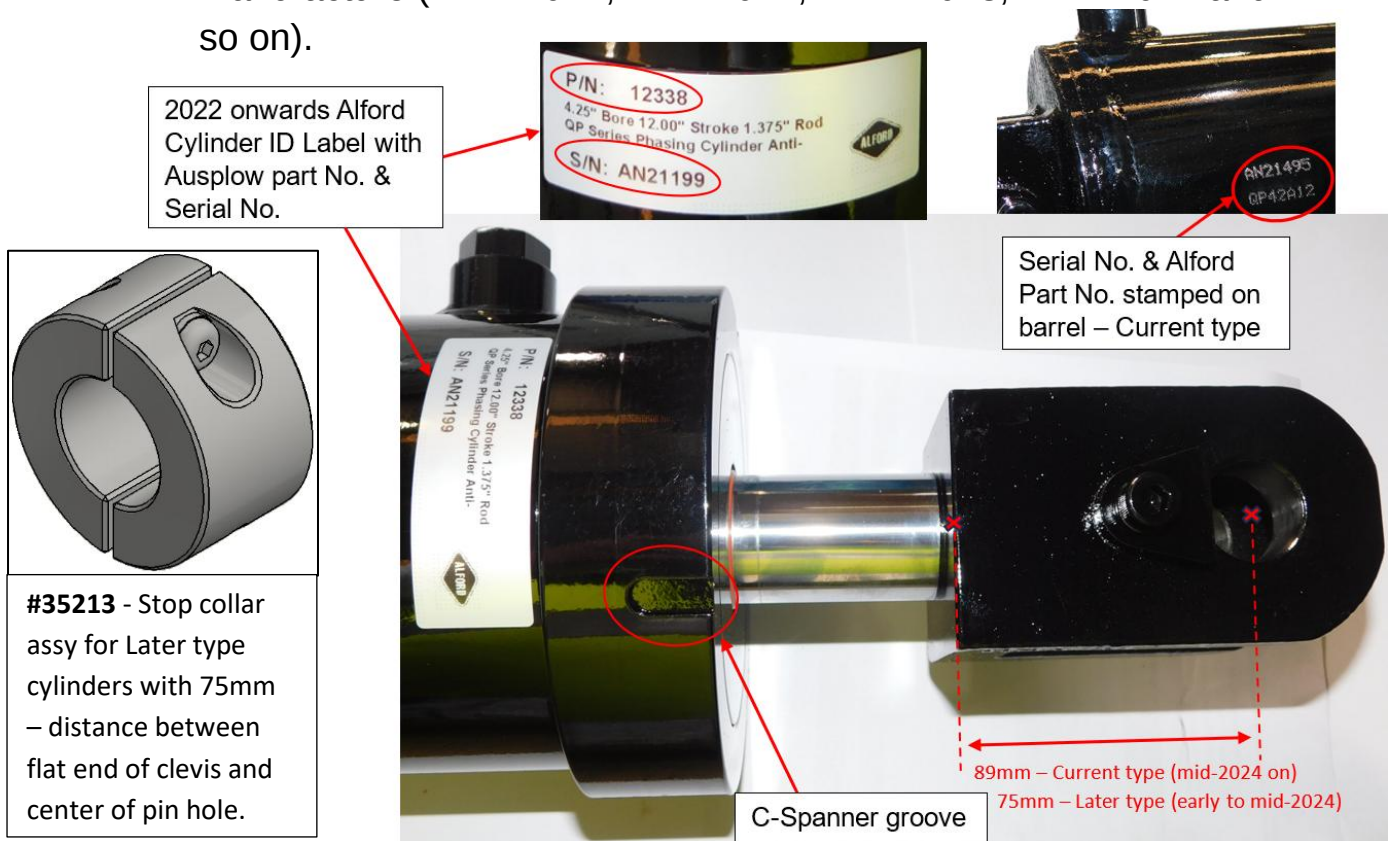
#26227 Transport Stop Kit
298mm LG



16.2 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:

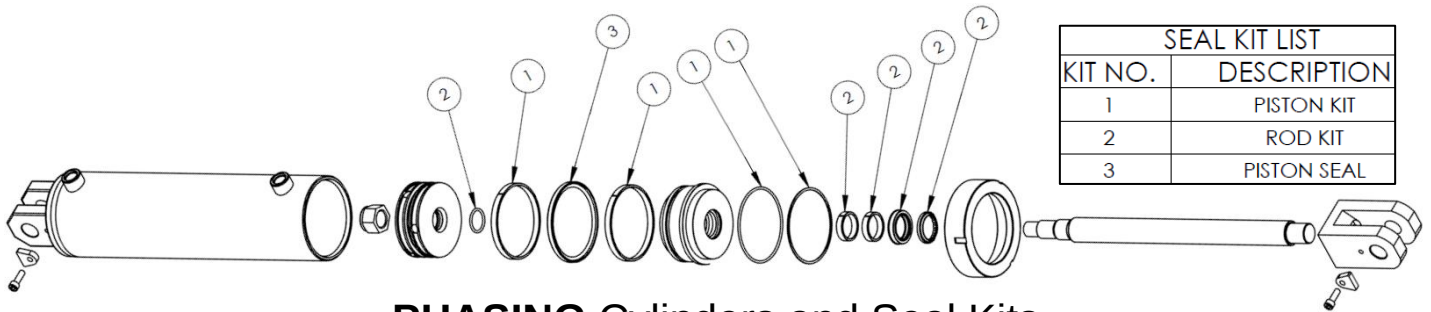
- C-Spanner groove instead of the hole.
- Distance from flat end of the clevis to center of pin hole is 89mm on Current type (mid-2024 on) and 75mm on Later type supplied between early to mid-2024.
- 'OOX-****' identification number is no longer stamped on cylinder.
- Prefix to the serial no. on Cylinder 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

16.3 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

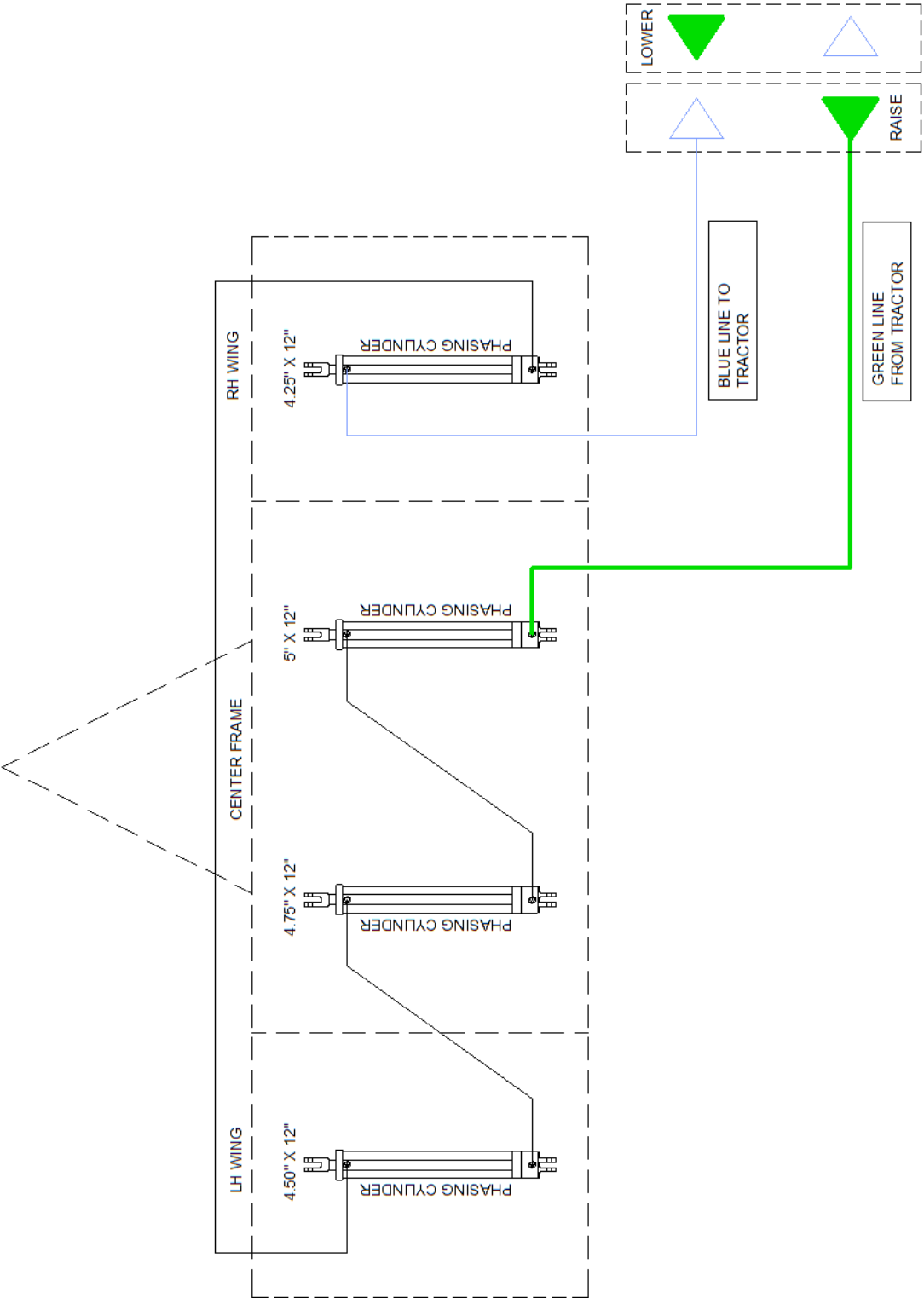
WING FOLD Cylinders and Seal Kits - BAKER 2009 On

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"

16.4 Phasing Cylinder Layout

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

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



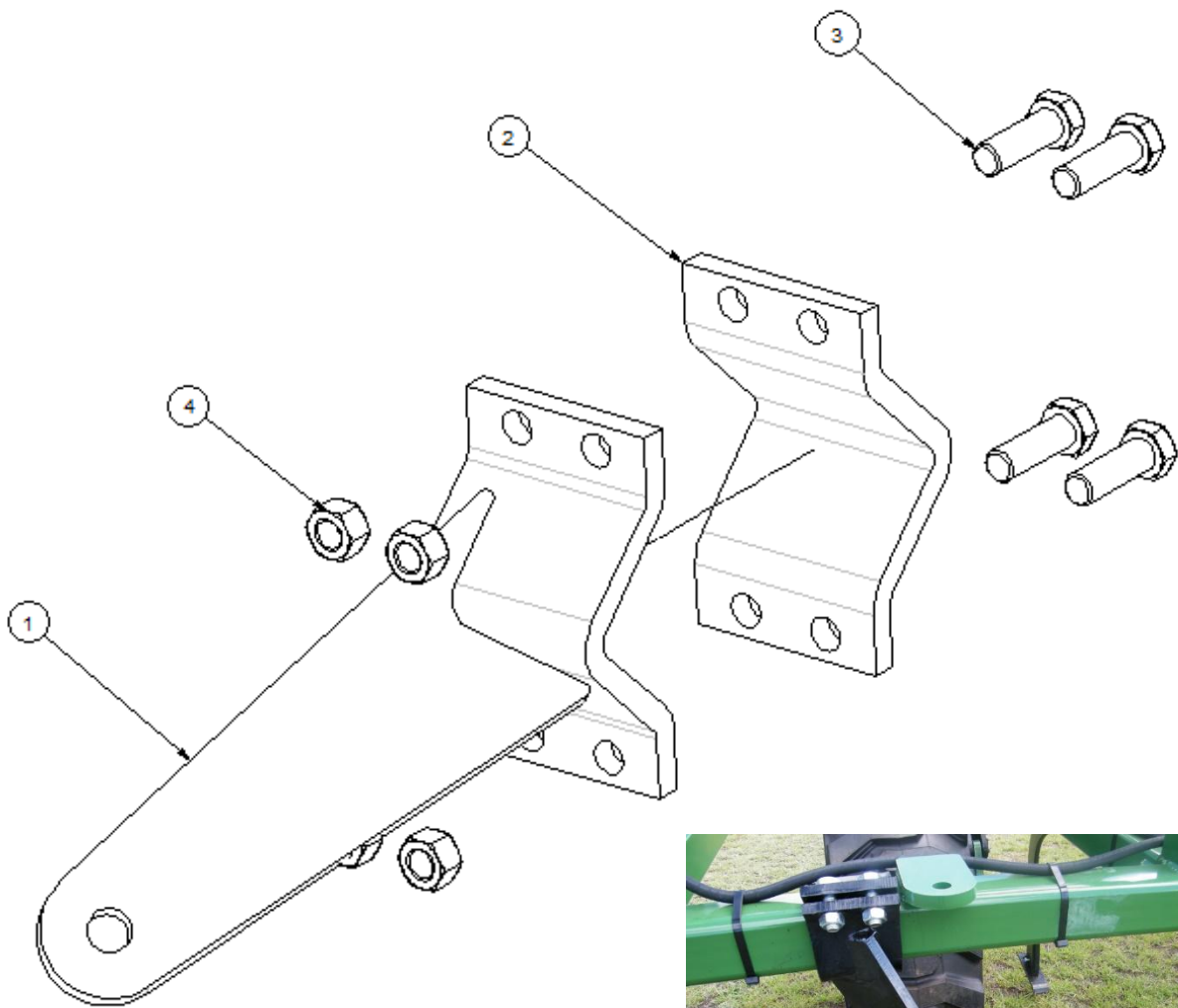
16.5 1" Wing Fold Cylinders Conversion to 1.25"

For older single fold Easitill machines 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 to be ordered when ordering our current 1.25" pin wing fold cylinders.

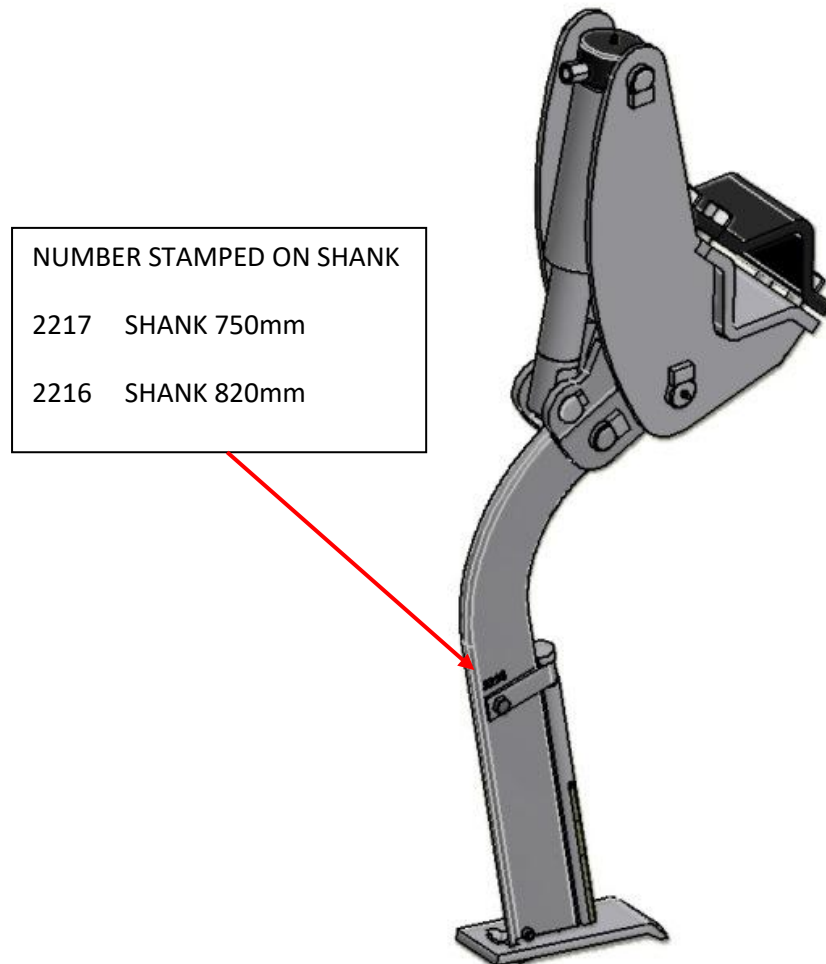
#13458 Bush 1.0"ID x 1.25"OD x 1.0"W

17.0 Lower Cable Bracket Assembly



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

18.0 EASITILL II Tine Assembly

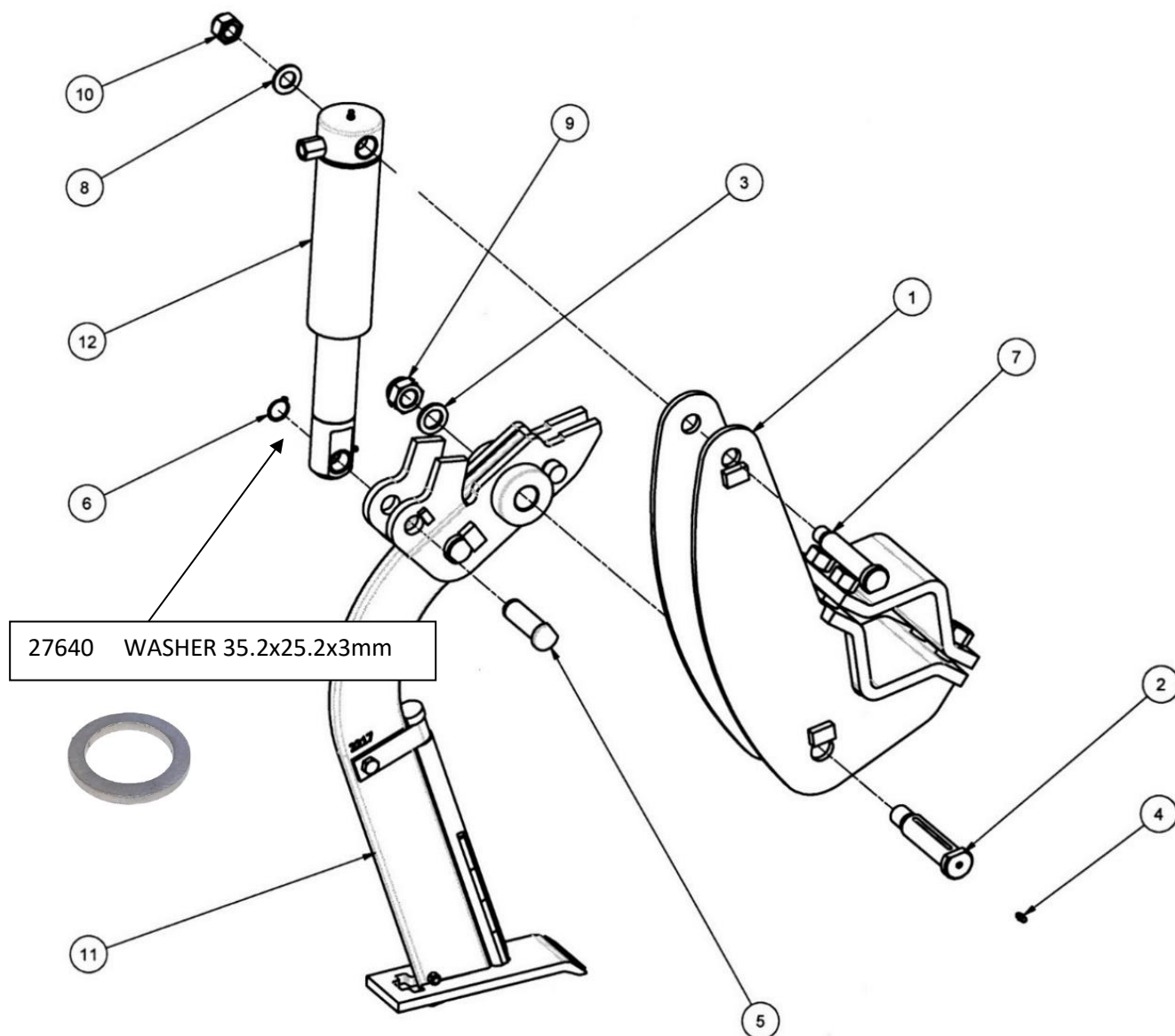


The Easitill II Tine Assembly is available in two sizes using either the 750mm or the 820mm long shank.

Please Note:

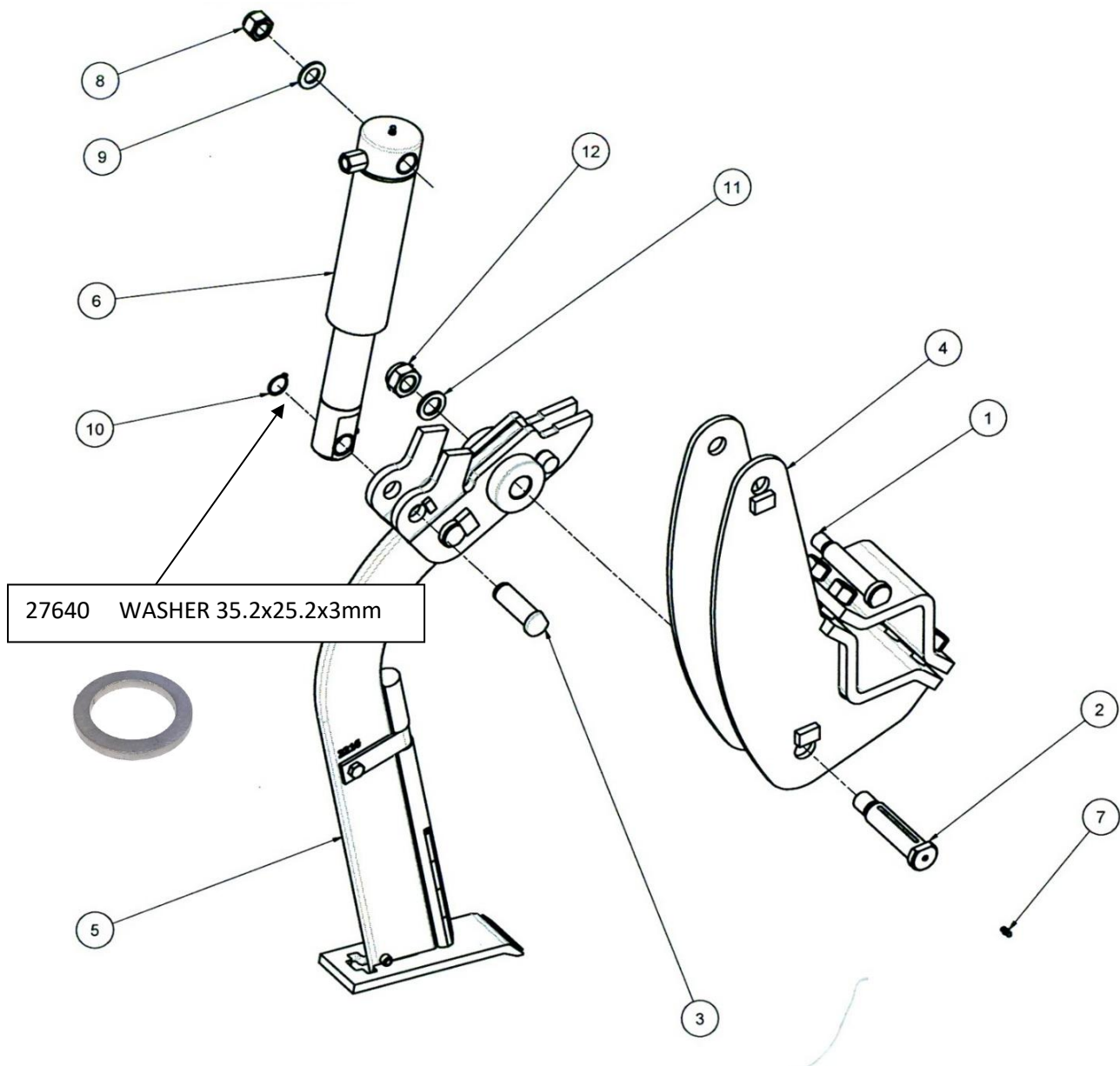
When ordering the complete Tine Assembly Part # 02201 or # 02200, the serial number of the bar that will be using these assemblies will be required to process the order.

18.1 EASITILL II Tine Assembly 750mm



Item #	Qty	Part No	Description
All	1	02201	EASITILL II TINE ASSEMBLY – 750mm
1	1	02205	EASITILL PIVOT BRACKET ASSY
2,3,4,9	1	01282	PIN SET SHANK PIVOT 30 x 102mm
5,6	1	01456	PIN SET JUMP CYL ROD END 25 x 75mm
7,8,10	1	01281	PIN SET JUMP CYLINDER BASE 25 x 124mm
11	1	02219	EASITILL II SHANK ASSEMBLY – 750mm
12	1	02218	JUMP CYL ASSEMBLY – 130mm STROKE c/w Check Valve
		02075	JUMP CYL ASSEMBLY – 130mm STROKE - No Check Valve

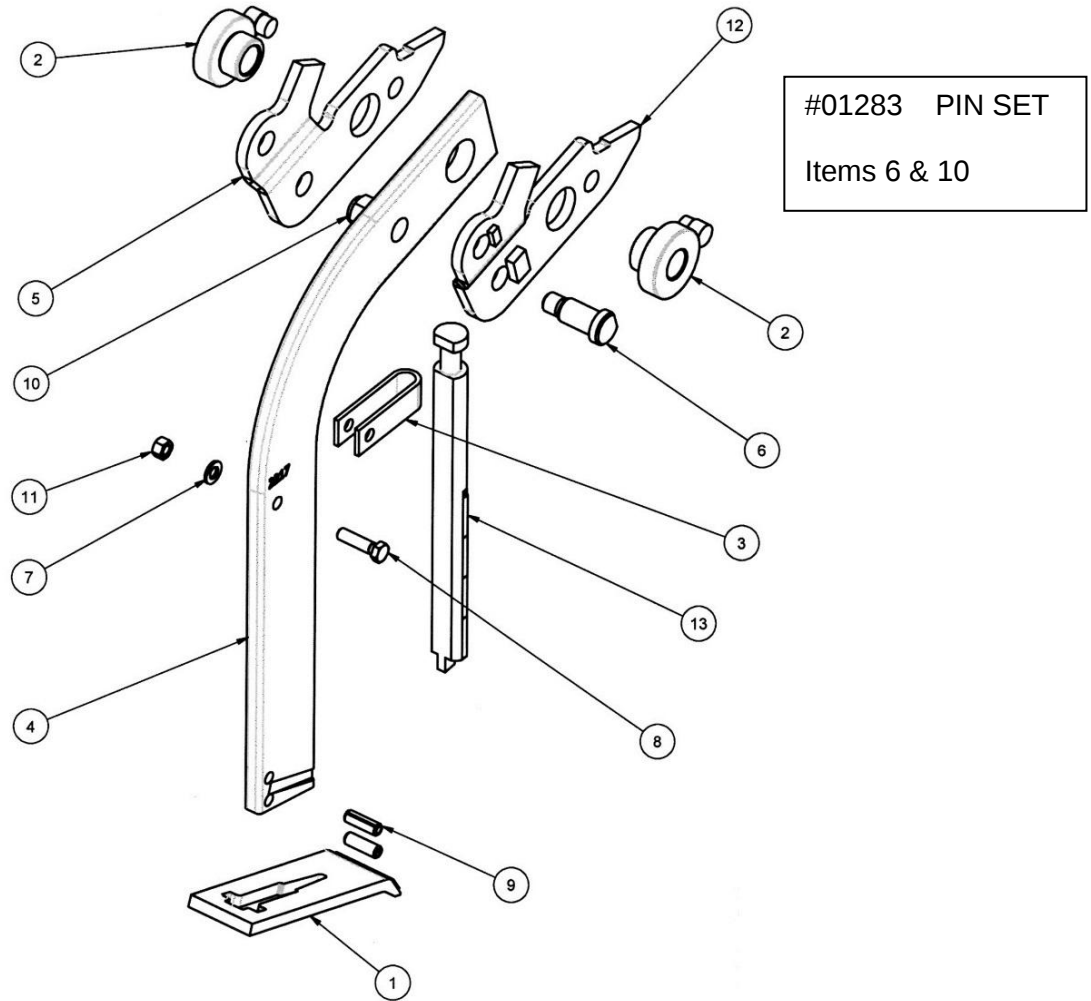
18.2 EASITILL II Tine Assembly 820mm



Item #	Qty	Part No	Description
All	1	02200	EASITILL II TINE ASSEMBLY – 820mm
1,8,9	1	01281	PIN SET JUMP CYLINDER BASE 25 x 124mm
2,7,11,12	1	01282	PIN SET SHANK PIVOT 30 x 102mm
3,10	1	01456	PIN SET JUMP CYL ROD END 25 x 75mm
4	1	02205	EASITILL PIVOT BRACKET ASSY
5	1	02212	EASITILL II SHANK ASSEMBLY – 820mm
6	1	02218	JUMP CYL ASSEMBLY – 130mm STROKE c/w Check Valve
		02075	JUMP CYL ASSEMBLY – 130mm STROKE - No Check Valve

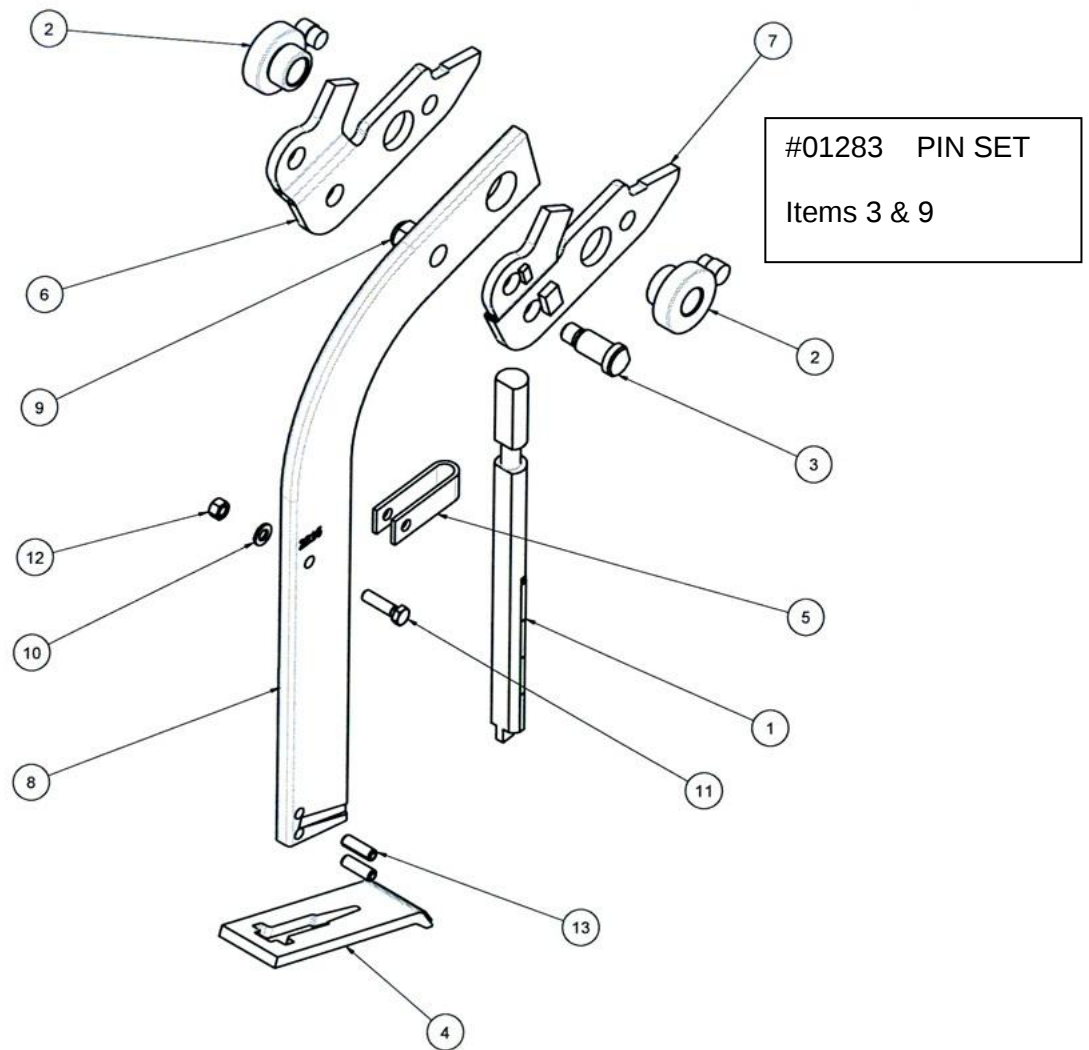
19.0 EASITILL II Shank Assembly

19.1 EASITILL II Shank Assembly 750mm



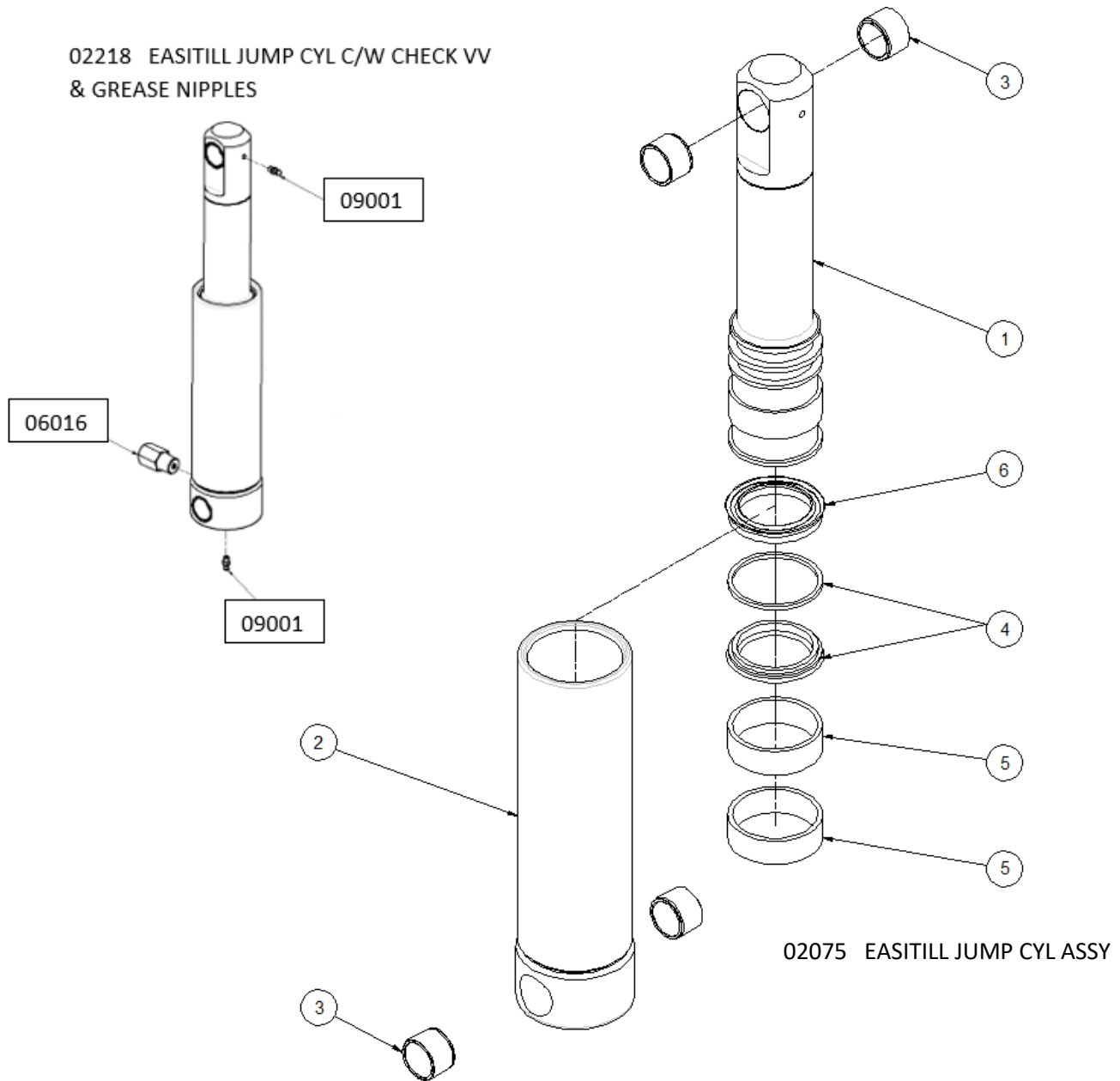
Item #	Qty	Part No	Description
All	1	02219	EASITILL II SHANK ASSEMBLY – 750mm
1	1	02051	DURA BLADE WITH TUNGSTEN
2	2	01125	SHANK PIVOT BUSH ASSEMBLY
3	1	02067	EASITILL SHIN GUARD CLAMP
4	1	02217	EASITILL II SHANK – 750mm
5	1	02209	EASITILL II CHEEK PLATE LH
6	1	01131	PIN SHANK SUPPORT 25 x 64mm
7	1	09010	WASHER SPRING M12 ZP
8	1	09033	SET SCREW M12 x 45mm G8.8 ZP
9	2	09407	ROLL PIN ½" x 1 ½"
10	1	09002	NUT M20 ZP CONELOCK
11	1	09054	HEX NUT M12 C8 ZP
12	1	02211	EASITILL II CHEEK PLATE RH
13	1	02250	EASITILL SHANK GUARD ASSY V2

19.2 EASITILL II Shank Assembly 820mm



Item #	Qty	Part No	Description
All	1	02212	EASITILL II SHANK ASSEMBLY – 820mm
1	1	27227	EASITILL 820mm SHANK GUARD ASSY V2
2	2	01125	SHANK PIVOT BUSH ASSEMBLY
3	1	01131	PIN SHANK SUPPORT 25 x 64mm
4	1	02051	DURA BLADE WITH TUNGSTEN
5	1	02067	EASITILL SHIN GUARD CLAMP
6	1	02209	EASITILL II CHEEK PLATE LH
7	1	02211	EASITILL II CHEEK PLATE RH
8	1	02216	EASITILL II SHANK – 820mm
9	1	09002	NUT M20 ZP CONELOCK
10	1	09010	WASHER SPRING M12 ZP
11	1	09033	SET SCREW M12 x 45mm G8.8 ZP
12	1	09054	HEX NUT M12 C8 ZP
13	2	09407	ROLL PIN ½" X 1 ½"

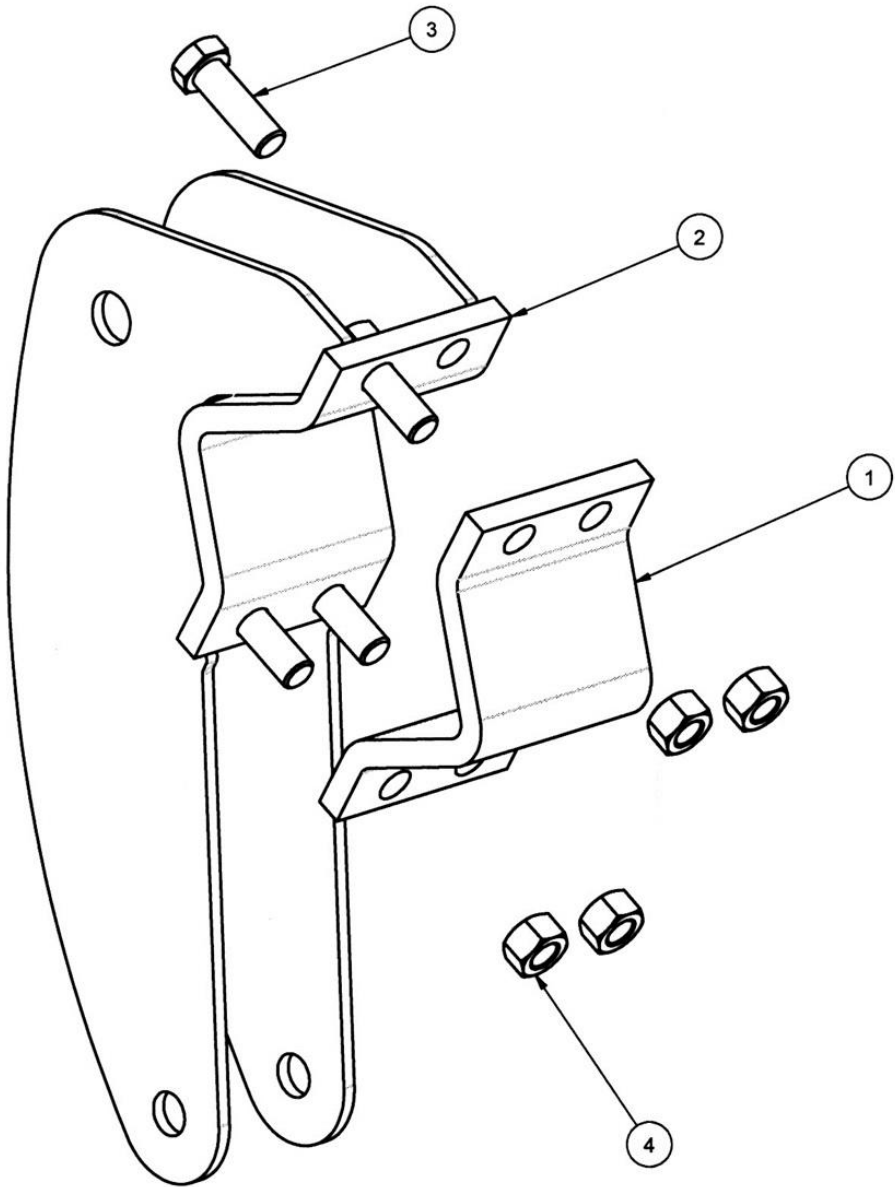
20.0 EASITILL II Tine Jump Cylinder Assembly



Item #	Qty	Part No	Description
ALL	1	02075	EASITILL JUMP CYLINDER ASSY – 130mm STROKE
1	1	02073	EASITILL JUMP CYLINDER PISTON 130mm STROKE
2	1	02090	EASITILL JUMP CYLINDER BARREL
3	4	06015	BUSH SINTERED NICKEL
4	1	06050	SEAL PISTON JUMP CYLINDER
5	2	06051	BEARING RING JUMP CYLINDER
6	1	06052	SEAL WIPER JUMP CYLINDER
4, 5, 6	1	05426	SEAL KIT JUMP CYLINDER (For Easitill & DBS)

02218	EASITILL JUMP CYLINDER ASSY – c/w Check Vv & Grease Nipples
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21.0 EASITILL II Pivot Bracket Assembly



Item #	Qty	Part No	Description
All	1	02205	EASITILL II PIVOT BRACKET ASSEMBLY
1	1	01162	CLAMP PLATE PIVOT BRACKET
2	1	02204	EASITILL II PIVOT BRACKET ASSY
3,4	4	01211	BOLT SET M20 x 60mm
3	4	09388	BOLT M20 x 60mm C10.9 ZP
4	4	09389	HEX NUT M20 C10.9 ZP

22.0 EASITILL I Shank

The original Easitill I machine was built 1999-2005 and used a slightly different shank #02070 to that now used on the Easitill II machines.

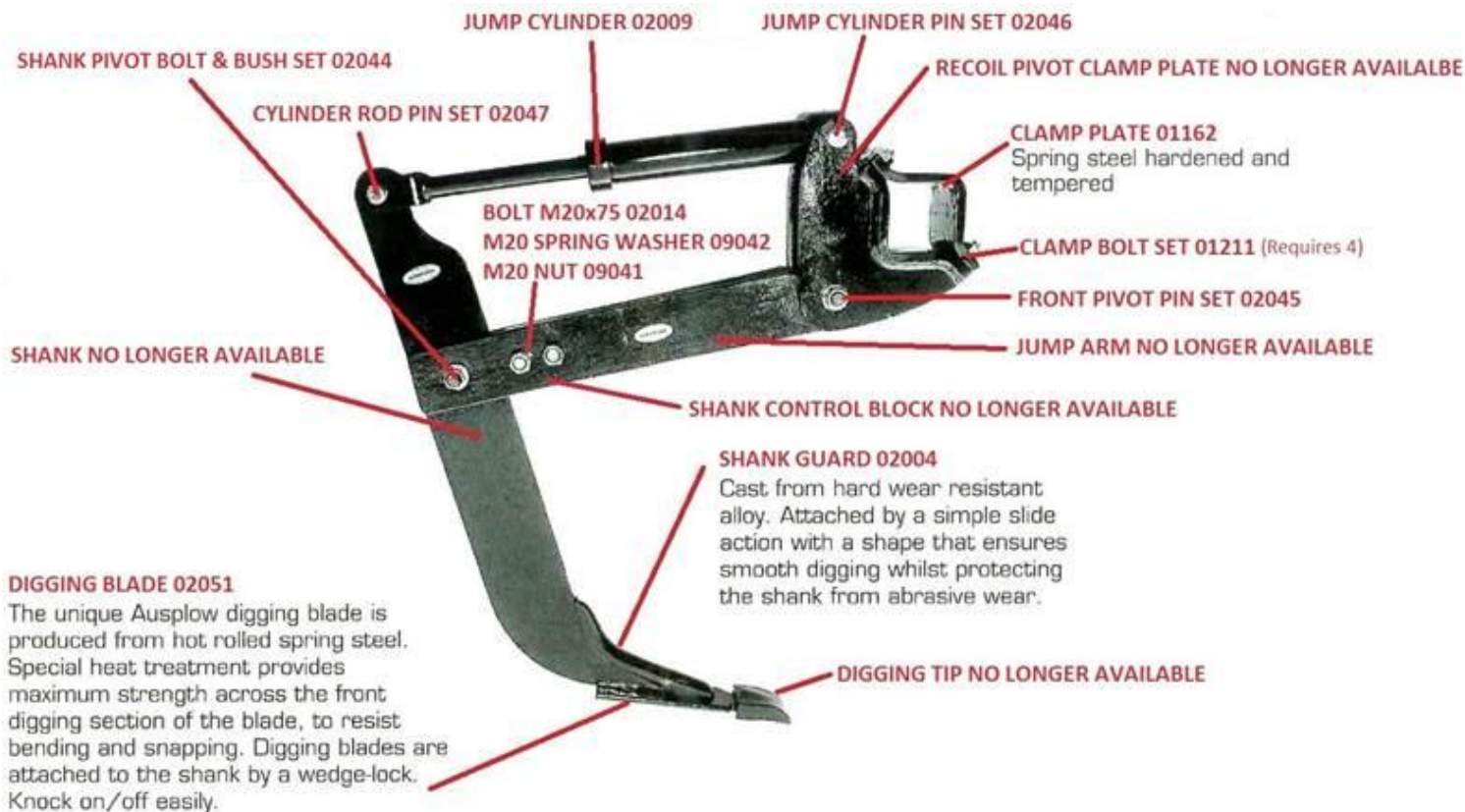
These 750mm shanks are not interchangeable.



Comparison when shanks kept side by side

23.0 AUSPLOW - Deep Tillage (Deep Ripper) Assembly

Unfortunately, over time some Ausplow deep tillage parts have become obsolete, supported Ausplow item numbers are listed below.



02012 BUSH Steel 35x40x20mm

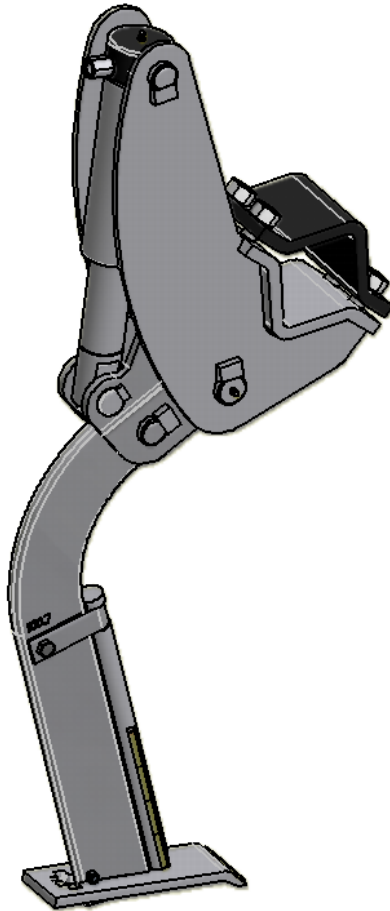
Goes into the shank that houses the Shank Pivot Bolt & Bush Set



02011 BUSH Steel 25x30x20.5mm

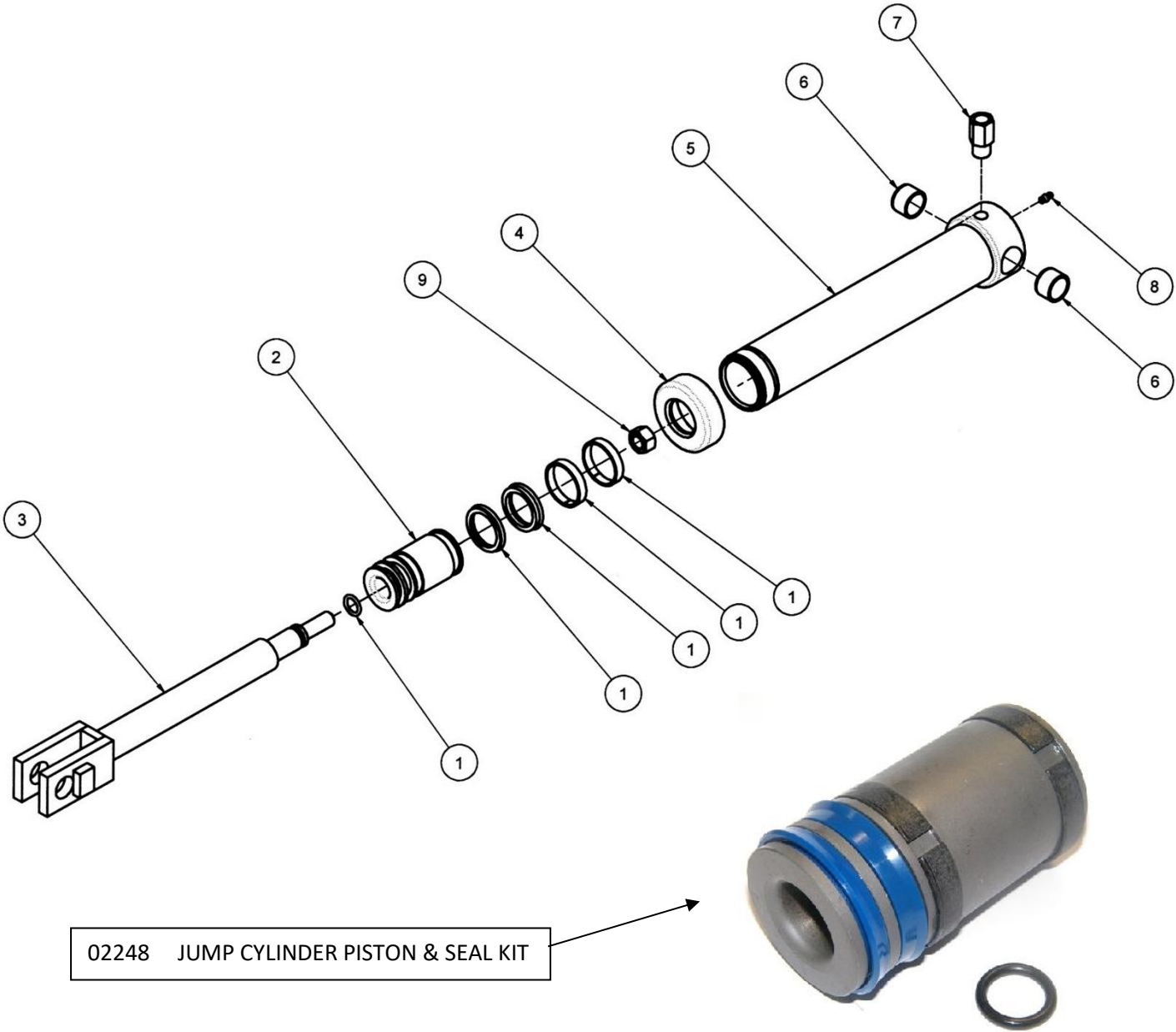
	Qty	Part#	Description
All	1	02009	JUMP CYLINDER ASSEMBLY - AUSPLOW DT
	1	02055	SEAL KIT - JUMP CYL - AUSPLOW
	1	02056	JUMP CYL PISTON
	1	02101	JUMP CYL PISTON ROD & CLEVIS
	1	02267	CYLINDER END CAP - AUSPLOW DT
	1	02268	CYLINDER BARREL ASSY - AUSPLOW DT
	2	06015	BUSH 25 x 30 x 20mm SINTERED N
	1	06016	CHECK VALVE ASSEMBLY
	1	09001	GREASE NIPPLE ¼" BSW STRAIGHT
		04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
	1	09024	NUT M16 ZP CONELOCK
All	1	02248	JUMP CYLINDER PISTON & SEAL KIT - AUSPLOW DT
	1	02055	SEAL KIT - JUMP CYLINDER - AUSPLOW
	1	02056	JUMP CYLINDER PISTON
All	1	02044	SHANK PIVOT BOLT & BUSH SET
	1	02017	SHANK PIVOT BUSH - AUSPLOW DT
	1	02018	SHANK PIVOT BOLT - AUSPLOW DT
	1	09001	GREASE NIPPLE ¼" BSW STRAIGHT
		04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
	1	09002	NUT M20 ZP CONELOCK
	2	09003	WASHER FLAT M20 HT ZP
All	1	02045	FRONT PIVOT PIN SET
	1	02038	PIVOT PIN - FRONT
	1	09029	WASHER FLAT M24 HT ZP
	1	09523	NUT M24 ZP CONELOCK
All	1	02046	JUMP CYLINDER PIN SET
	1	02028	PIN - JUMP CYL REAR - AUSPLOW
	1	09002	NUT M20 ZP CONELOCK
	1	09003	WASHER FLAT M20 HT ZP
All	1	02047	JUMP CYLINDER CLEVIS PIN SET
	1	02029	JUMP CYL CLEVIS PIN
	1	09001	GREASE NIPPLE ¼" BSW STRAIGHT
		04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
	1	09002	NUT M20 ZP CONELOCK
	1	09003	WASHER FLAT M20 HT ZP
All	1	01211	BOLT SET M20 X 60MM C10.90
	1	09388	BOLT M20 x 60mm C10.9 ZP
	1	09389	NUT M20 ZP C10

As an alternative, owners of Ausplow Deep Rippers can fit the current 750mm Easitill II Tine Assembly (Part # 02201) as a direct replacement for an Ausplow Deep Ripper Tine Assembly.



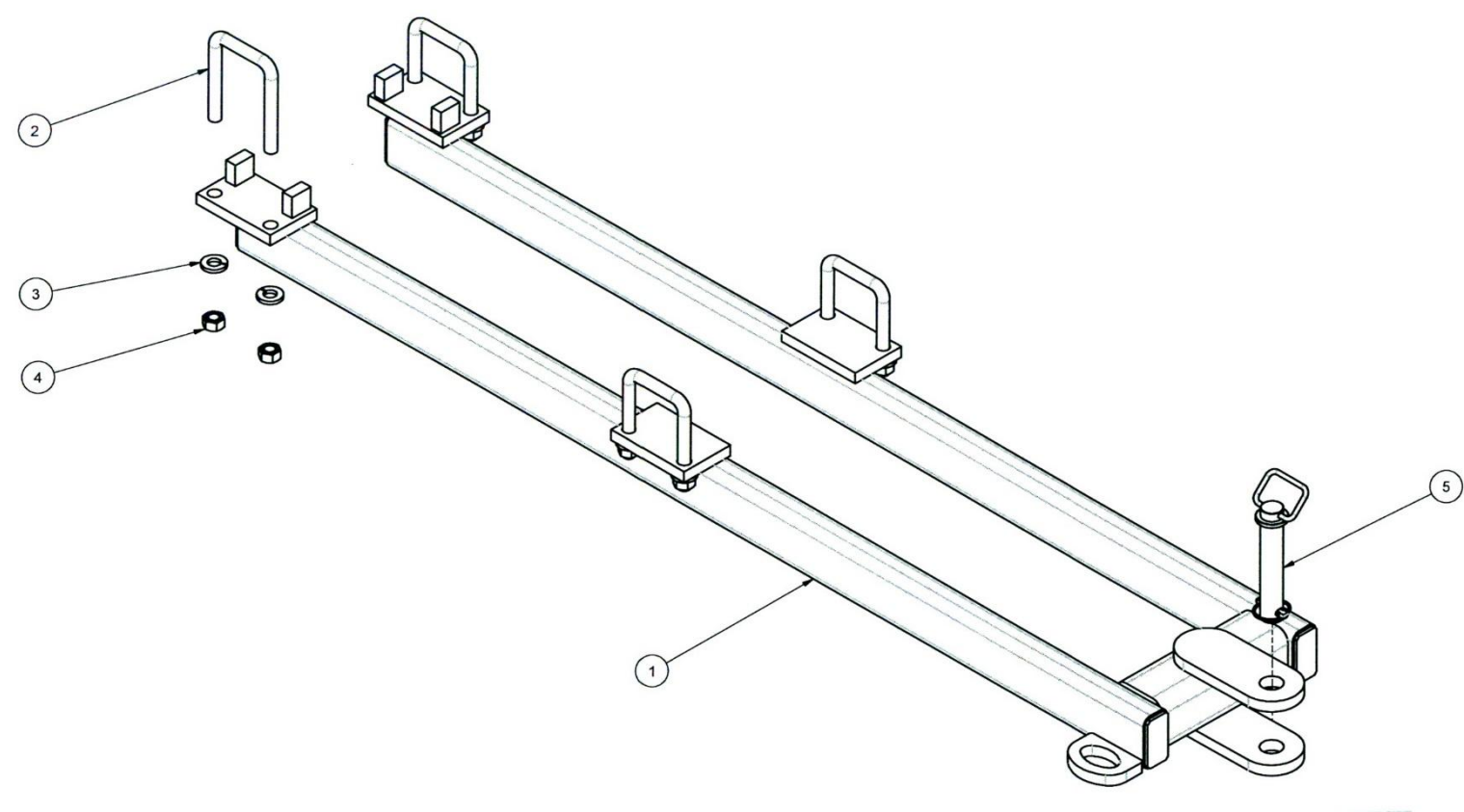
The Easitill II 820mm Tine Assembly (Part # 02200) can only be used in sand-plain conditions and because it has a longer shank, will require all Deep Ripper tines to be replaced with these assemblies.

23.1 AUSPLOW - Deep Tillage Jump Cylinder



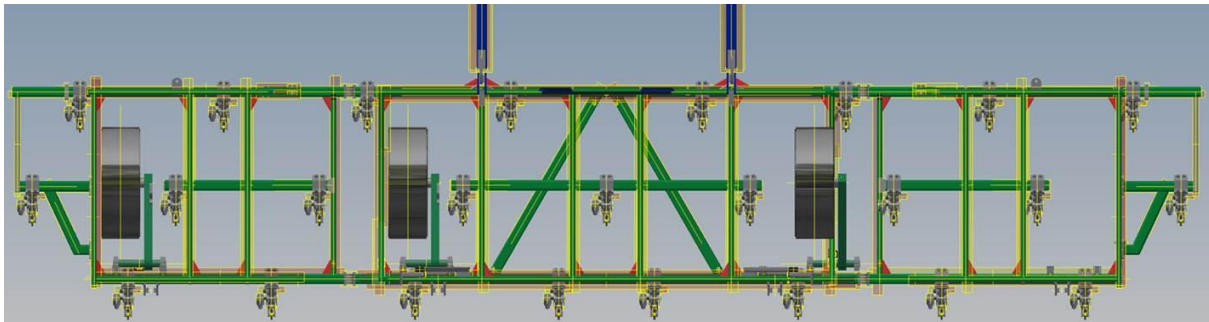
Item #	Qty	Part No	Description
ALL	1	02009	DT JUMP CYLINDER ASSY
1	1	02055	JUMP CYLINDER SEAL KIT 2"
2	1	02056	JUMP CYLINDER PISTON
3	1	02101	JUMP CYLINDER ROD & CLEVIS
4	1	02267	JUMP CYLINDER END CAP
5	1	02268	JUMP CYLINDER BARREL ASSY
6	2	06015	BUSH - SINTERED NICKEL
7	1	06016	VALVE - CUSHION RETURN
8	1	09001	GREASE NIPPLE ¼" BSW
	1	04278	GREASE NIPPLE 6mm STRAIGHT (2024 On)
9	1	09024	NUT M16 Conelock

24.0 **Tow Hitch Kit EASITILL**

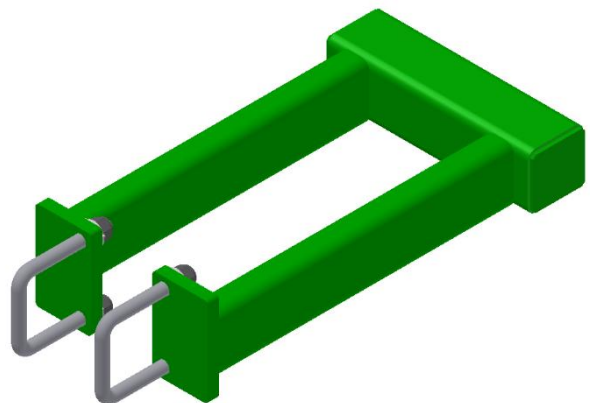


Item #	Qty	Part No	Description
All	1	02412	TOW HITCH KIT EASITILL
1	1	02254	TOW HITCH EASITILL
2,3,4	4	05438	U BOLT SET M20 x 102 x 150mm GAL
5	1	09221	PIN KIT 35 x 185mm INC LYNCH PIN

25.0 EASITILL E460-23 Wing Extension

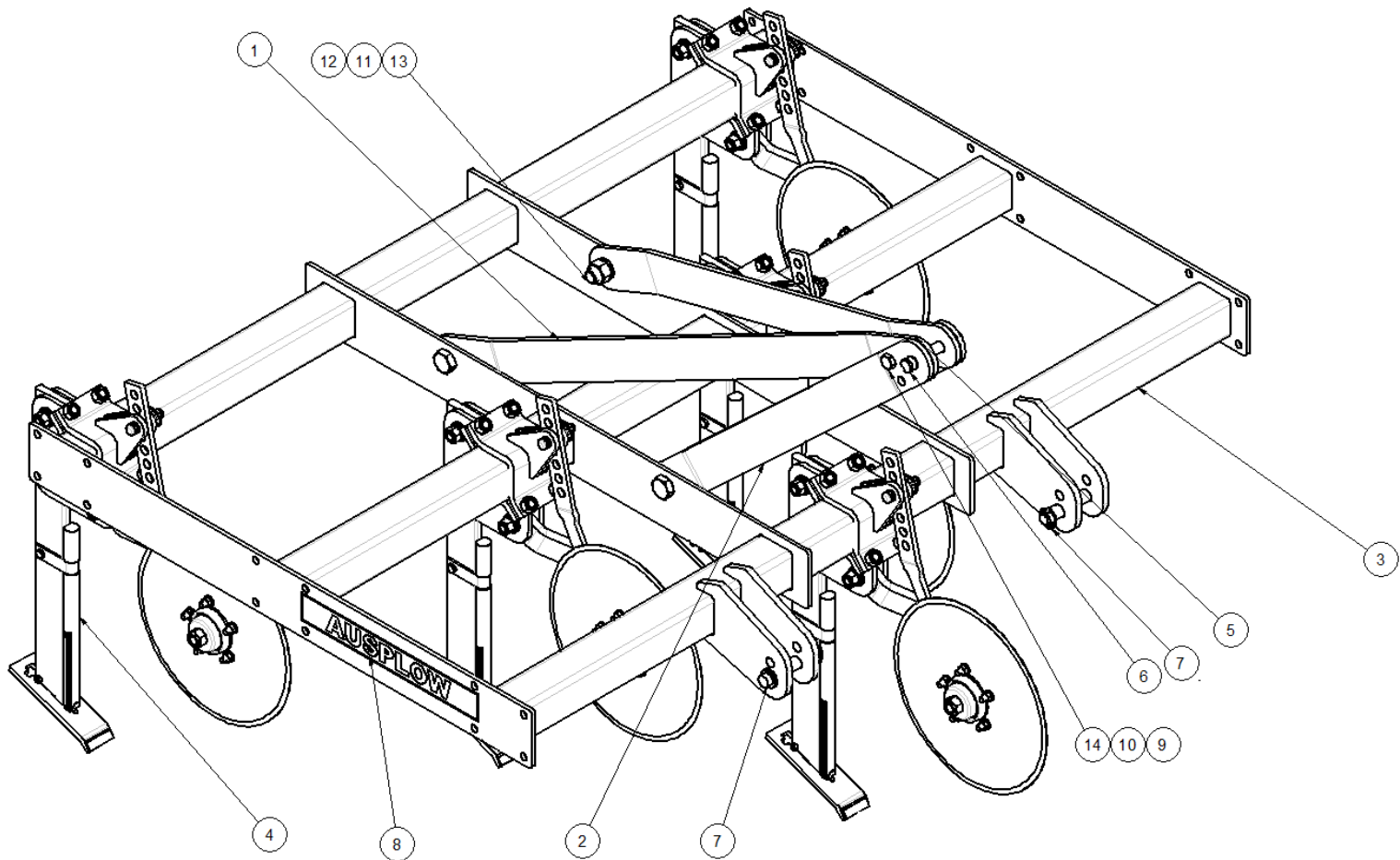


34123 Wing Extension Kit 1 Tine



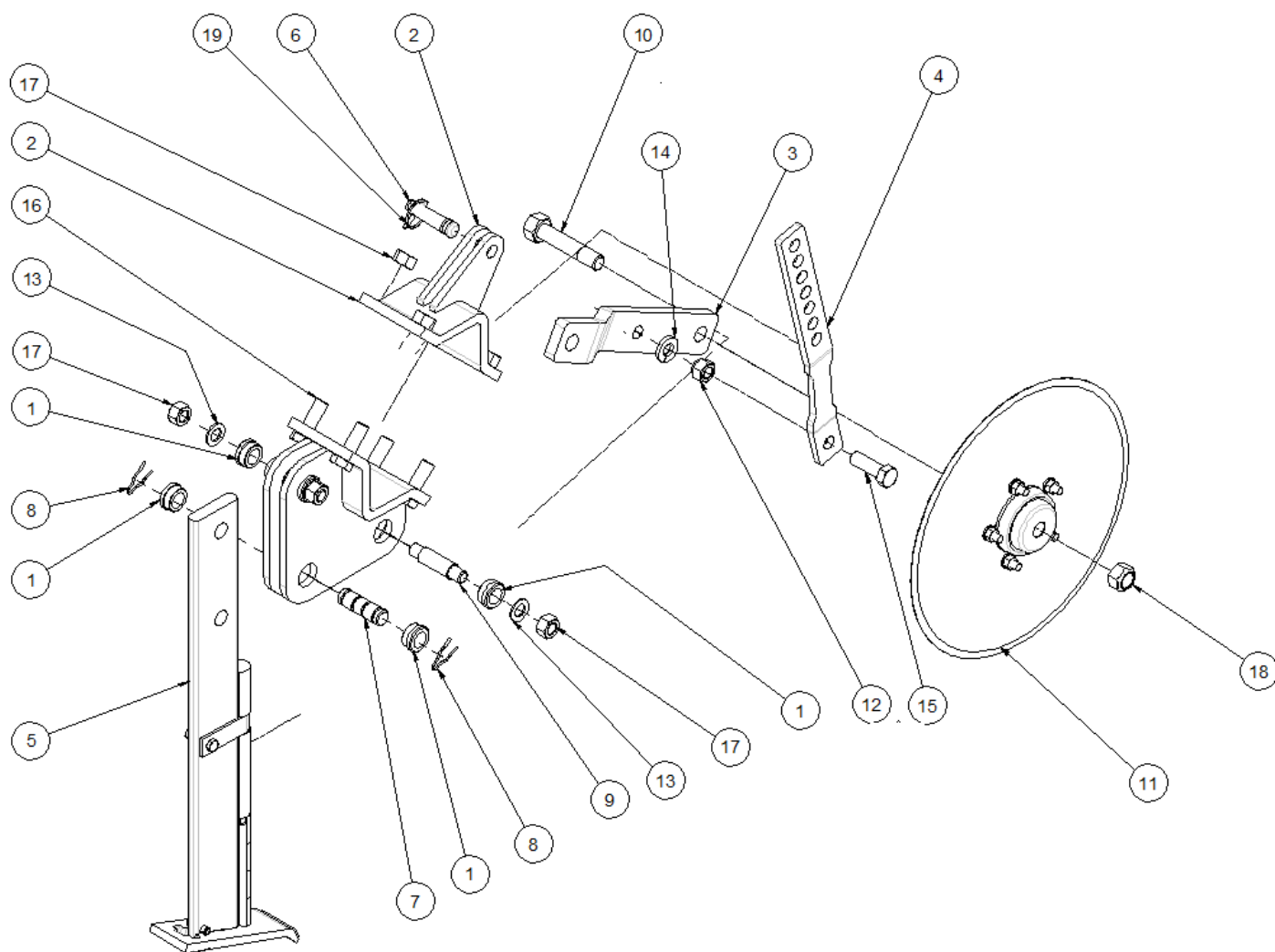
#34140 1 Coulter Ext Kit 6460-23 with U bolts

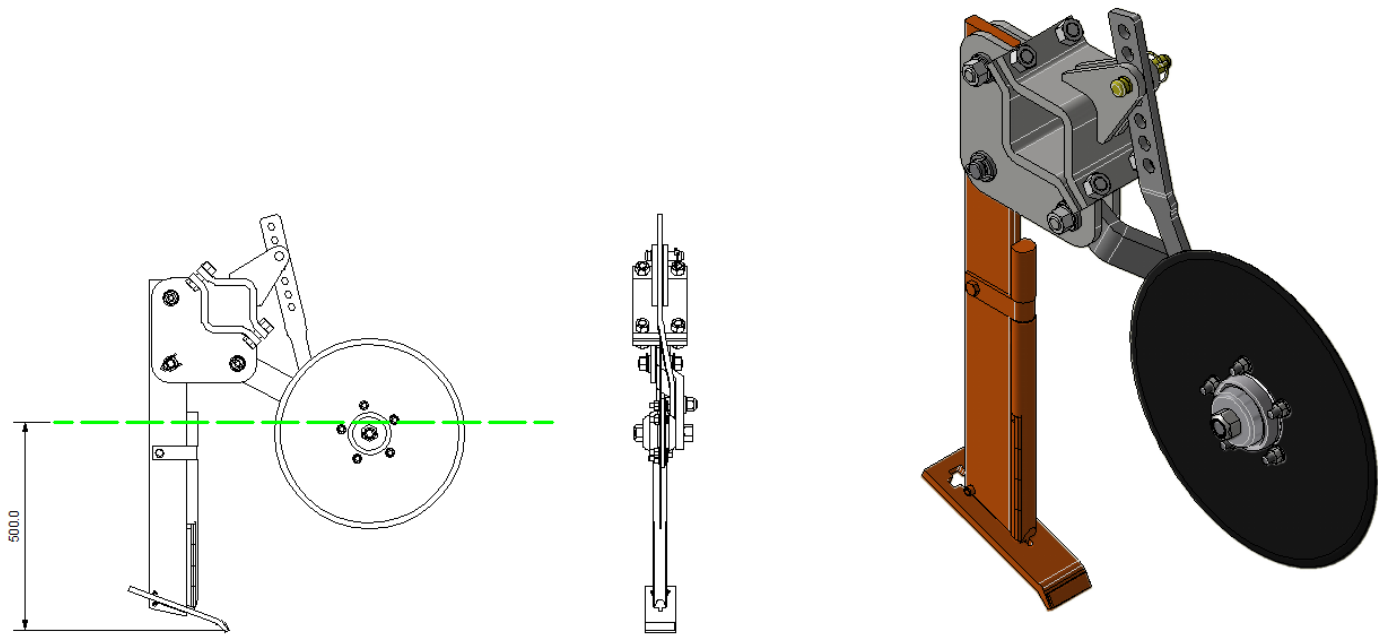
26.0 Market Garden Ripper – 5 Tine



Item #	Qty	Part No	Description
1	2	30551	REAR BRACE
2	2	30552	FRONT BRACE
3	1	30553	RIPPER FRAME 5 TINE
4	5	30567	810 RIGID TINE & COULTER ASSY
5	1	30663	FRONT BRACE SPACER – L56
6	1	30753	PIN KIT 1" x 4 1/2"
7	2	30754	PIN KIT 1 1/8 DIA x 4 3/4" c/w LYNCH PIN
8	2	05653	DECAL "AUSPLOW" 535 x 75mm
9	1	09041	NUT M20
10	1	09042	WASHER SPRING M20
11	4	09306	WASHER SPRING M30
12	4	09307	NUT M30
13	4	09486	BOLT M30 x 70mm
14	1	09650	BOLT M20 x 130mm

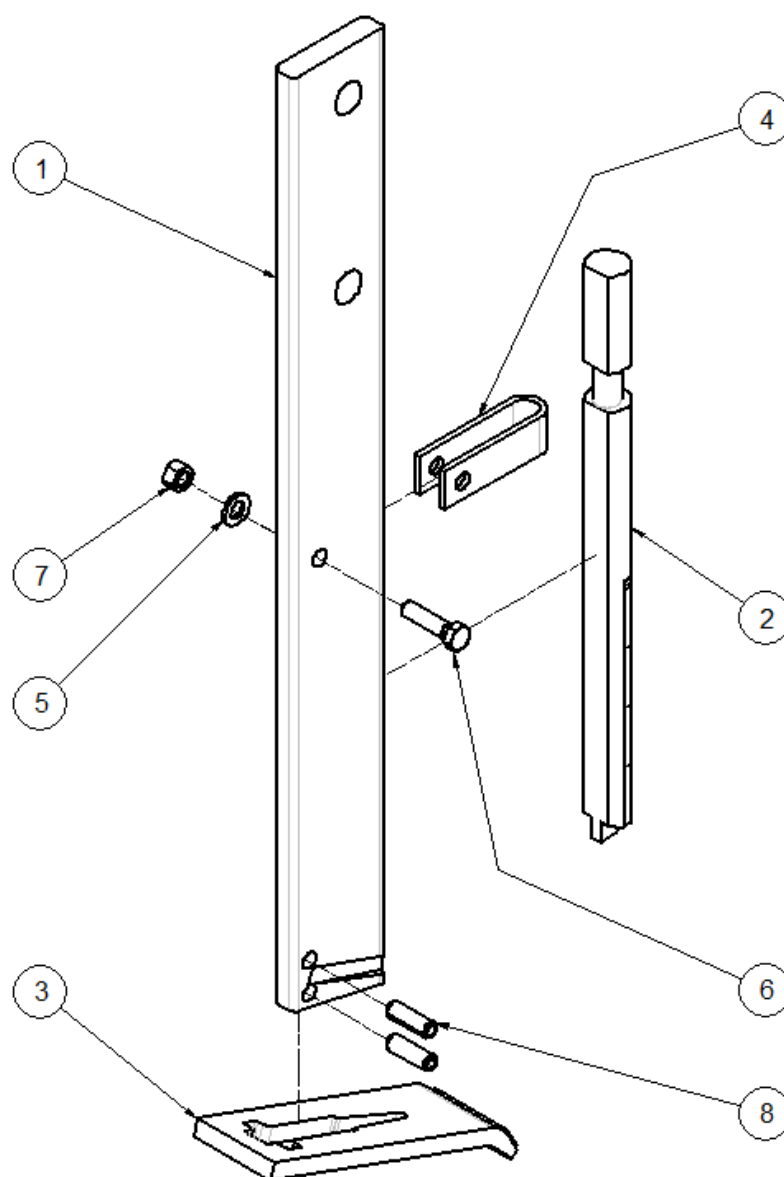
26.1 810mm Rigid Tine & Coulter Assy





Item #	Qty	Part No	Description
All	1	30567	810 RIGID TINE & COULTTER ASSY
1	1	30558	RIGID SHANK MOUNTING BRACKET
2	1	30560	COULTTER ADJUSTER BRACKET
3	1	30561	COULTTER SIDE ARM PLATE
4	1	30564	COULTTER ADJUSTER PLATE
5	1	30566	SHANK ASSEMBLY 810mm
6	1	30749	PIN 3/4" DIA x 2.5"
7	1	02041	SHEAR PIN RIGID SHANK
8	2	02042	SHEAR PIN RETAINER CLIP
9	2	02166	PIVOT PIN RIGID SHANK
10	1	03669	AXLE SINGLE
11	1	03674	COULTTER DISC ASSY 18" FLAT
12	1	09002	NUR M20 Conelock
13	4	09003	WASHER FLAT M20
14	1	09042	WASHER SPRING M20
15	1	09261	BOLT M20 x 65mm
16	4	09388	BOLT M20 x 60mm
17	8	09389	NUT HEX M20
18	1	09523	NUT M24 Conelock
19	1	09612	LYNCH PIN 1/4"

26.2 Market Garden Ripper Shank Assembly - 810mm



Item #	Qty	Part No	Description
All	1	30566	RIPPER SHANK ASSY 810mm
1	1	30565	SHANK 810mm RIGID TINE
2	1	27227	SHANK GUARD 820mm
3	1	02051	DURA BLADE WITH TUNGSTEN
4	1	02067	EASITILL SHIN GUARD CLAMP
5	1	09010	WASHER SPRING M12
6	1	09033	SCREW M12 x 45mm
7	1	09054	NUT M12
8	2	09407	ROLL PIN ½" x 1 ½"

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