

PRECISION SEEDING SYSTEMS



# Spare Parts



Quick Reference Guide

# Introduction

- This guide is to assist Ausplow Dealers with the identification and ordering of Ausplow Spare Parts.
- It provides a summary of product evolution, key spare parts and the changes made to them.
- It also assists with identifying which Ausplow Spare Parts Manual contains the detailed information on the part in question.
- This guide also explains the procedures involved in placing parts orders via the Ausplow Webshop, returning parts and warranty claims.



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**Stability Wheel** 



1.16

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DBS Auseeder

Multistream Series I

Multistream Series II

Deep Tillage

Ausplow Merchandise Miscellaneous

Refine Products

Multistream Series I [949]



# Part 1 – DBS Auseeder

### 1.1 Tine Assembly – Evolution

**1995** – DBS001-089

**1998** – 'S', 'N' & 'E" Series

**2006** – 'D' Series

**2016 on** -'D' Series

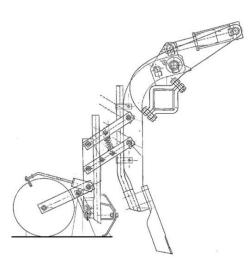
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Version 1

Version 2

Version 3

Version 4











#### 1.1 Pre-Version 1 Tine

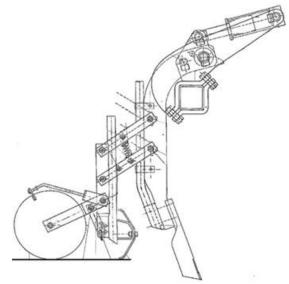
Parallelogram fitted to spring type tines.

#### 1.1 Version 1 Tine

- ➤ Banana Shaped Closing Tool
- > Hydraulic controlled shank

The majority of these parts are no longer available.

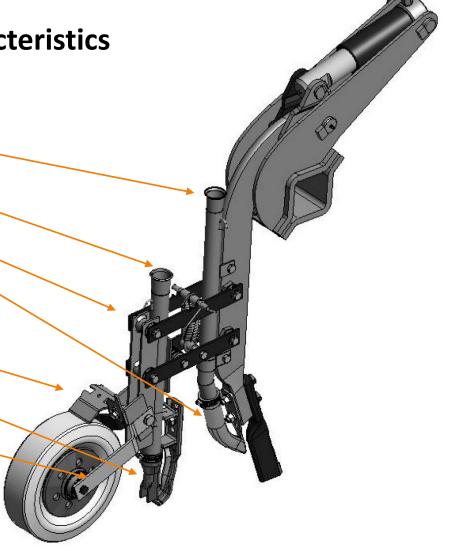






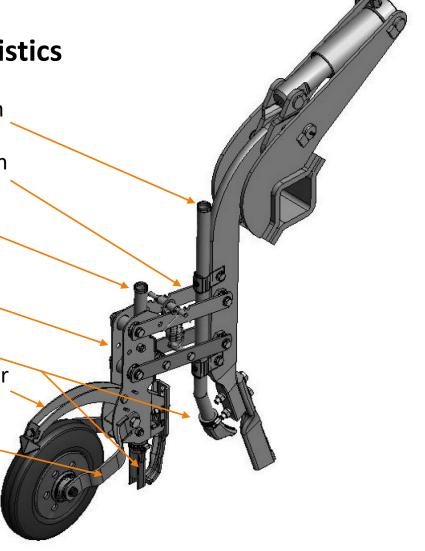
#### 1.1 Version 2 Tine - characteristics

- Black steel fertiliser tube
- Black steel seed tube
- 3 notch short side arms
- Fertiliser boots 39mm & Finger
- Short scraper
- Seed boots 42mm ID
- Straight PW arms



#### 1.1 Version 3 Tine - characteristics

- Fertiliser tubes Stainless Steel 32mm
- Longer side arms (by 50mm) 4 notch
- Seed tubes Stainless Steel 32mm
- Upgraded Rib Assembly
- 32mm Seed and Fert Boot
- Longer Scraper Arm and Spear Scraper
- Curved Press Wheel arms



#### 1.1 Version 4 Tine - characteristics

Fitted with Pro-D ground engaging tools

Upgraded rib assembly for greater clearance

Upgraded Shielded Fert boot

Upgraded Closing Tool and adaptor

Provision for 3 liquid locations

Upgraded PW arm
 to cater for all press wheel sizes

Upgraded scraper arm and spear scraper

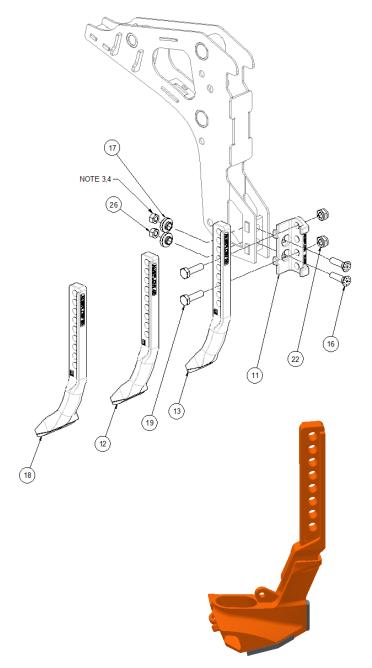


#### 1.2 New Products

New V2 Closing Tool & Adaptor (2019)

- Improved durability and use
- Parts Bulletin 1-19 explains changeover
- Not interchangeable with V1 CT and adaptor

Paired Row also uses the new V2 Adaptor



#### 1.2 New Products

New Scraper Arm for V4 Tine (2020)

- Improved durability and use
- Parts Bulletin 4-20 explains changeover
- New arm and mount block sold as kit #27491
- Old scraper arm kit 27491 NLA.
- Special offer for machine change outs that have the old scraper arm, see Bulletin 4-20 for details.





#### 1.2 New Products

#### New Shielded Fert Boot Kit V2 (2022)

- Improved durability and use
- Parts Bulletin 2-22 explains changeover
- Sold as kit #03136
- Older Fert boot and Shield are not

interchangeable with new

Shielded Fert Boot Kit

(Boot and strap avail

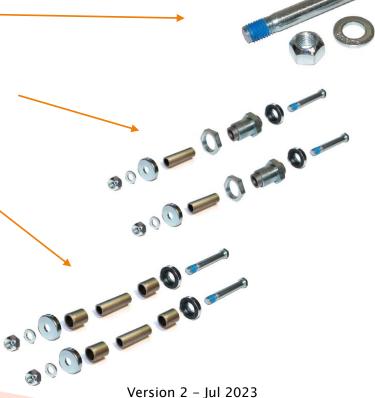
until stock runs out)





#### **Tine Assy Side Arm Washer Removed 2021** 1.2

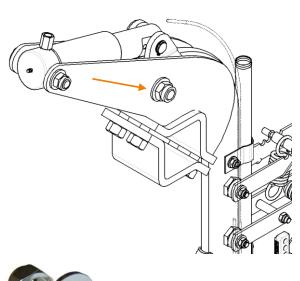
- Tine assembly side arm bolts are now slightly shorter
- Only one #09031 M12 Washer is now used in these kits:
- #01230 Bolt Set
- #11477 Shank to Side Arm Bush Kit
- #11940 Seeding Unit Rib Kit
- Parts Bulletin 6-20 refers.





#### 1.2 Shank Pivot Pin Special Washer

- Due to longer shank pivot pins 01368, a Special washer #33623 was fitted to new DBS/Easitill machines during 2020 and 2021.
- They have a recessed section that needs to face the pivot bracket to ensure the cheek plates are held together correctly.
- Late 2021 the 01282 Shank Pivot Pin set now contains a standard washer & pin
- > M24 nut to be tightened to a torque of 200Nm.









### 1.3 Tine Upgrades

#### Adding Pro-D to V2 and V3 Tines

- V2 Tines require
  - # 15832 SS Fert Tube Upgrade Kit
- V2 and V3 Tine Assy can add Pro-D Kits:
  - Blade Adaptor

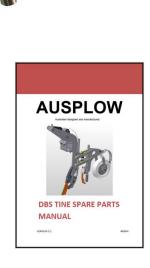


➤ NEW 2022 Fert Shielded Boot



Closing Tool & Adaptor







### 1.3 V2 & V3 Tine Upgrades

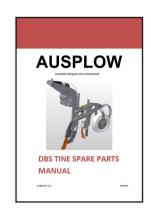
Rear Scraper Arm Kit #27221

For V3 ONLY

V4 Rib Upgrade Kit #27220 — Not Assembled
 For V2 and V3

V4 Seeding Unit Kit #11939 – Not Assembled

- > For V2 and V3
- Need to order V4 scrapers to suit
- Contains new scraper arm



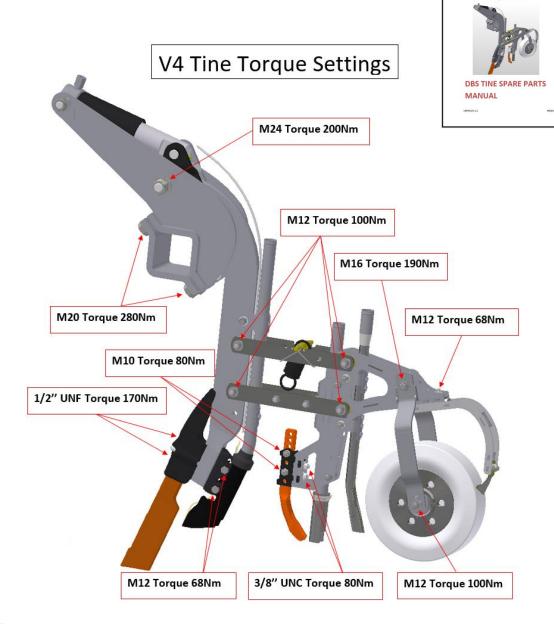




# 1.4 V4 Tine Torque Settings

This is added to the:

- Tine Spare Parts Manual
- Auseeder Operators Manual



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### 1.5 Version 2 Tine - with liquid

Liquid nozzle #04028 on scraper







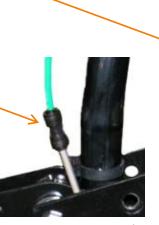
1.5 Version 3 Tine - with Liquid

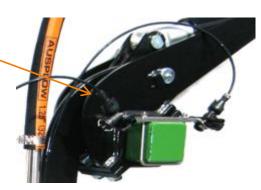
SS Liquid Tubes used for:

- Deep Banding #11363
- Seed Placement #11381

#### Convert to Friction Flow:

- Remove orifice in nozzle holder
- Add 3m, 4m, 5 or 6m Suzi Coil Kit
- Chamfer the top of the stainless steel tube to accommodate the 09735 coupling.
- Fit the straight coupling (#09735) between the stainless tube and suzi-coil.







### 1.5 Version 4 Tine - with nozzle liquid system (Superceded)

Deep Banding 6mm Nylon Tube

Seed Placement SS Tube

Rear Liquid (not shown)



### 1.5 Version 4 Tine - Friction Flow Liquid System

#### Same Suzi Coil used for:

- Deep Banding
- Seed Placement
- Options for Rear Liquid (Dual or Single stream)



Version 2 - Jul 2023

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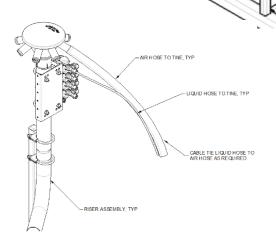
DBS AUSEEDER SPARE PARTS

### 1.5 Liquid Kits - Friction Flow

#### **Need to order two parts:**

- Liquid Kit to suit the Model bar:
  - eg Liq Kit 70 Tine Friction flow 8 Run D260-70
  - Contains manifolds, stands, hoses etc





#### Friction Flow Coil - (see Operators Manual for flow rates)

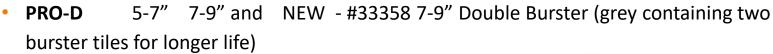
#15570	Suzi Coil 3m Coil 6mm OD x 2mm ID - Orange
#15569	Suzi Coil 4m Coil 6mm OD x 2mm ID – Orange (Standard)
#15568	Suzi Coil 5m Coil 6mm OD x 2mm ID - Orange
#11223	Suzi Coil 6m Coil 6mm OD x 2mm ID – Orange
#11219	Suzi Coil 4m Coil 6mm OD x 1.5mm ID - Green



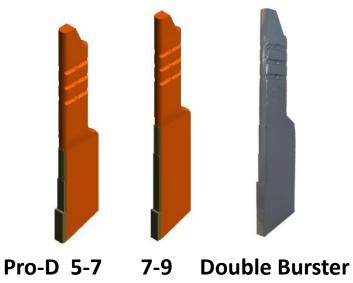


#### 1.6 DBS Blades

- **DBF** 5" and 6" ......for 'C' Shank
- **DBA** 5" 6" 7" 8" 9"
- **DBA Liquid** 6" 7" 8" 9"





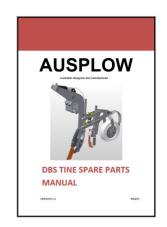


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### 1.6 Closing Tools

Sizes: 30mm, 45mm & 60mm





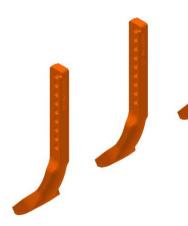




1 Piece Tungsten Released 1998



Pro-D Tip **2015 - 2019**Obsolete



1 Piece Pro-D CT 2019 on

Also in kit form with adaptor





#### 1.6 **Scrapers**



Bent 70 & 90mm 1998-2006 **V2 Tine Assy** 



Spear 50mm 2007-2015 **V3 Tine Assy** 



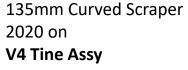
Flat 70 & 90mm 2007-2015 **V3 Tine Assy** 



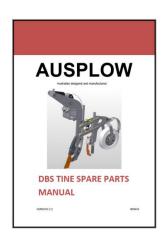
75 & 110mm Scraper 2016 on **V4 Tine Assy** 



90 & 110mm Curved Scraper 2019 on **V4 Tine Assy** 







V Wheel Scraper 2017 on **V4 Tine Assy** 





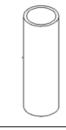
V Flat Wheel Scraper 2021 on **V4 Tine Assy** 

#### **1.6** Paired Row – New stem 2019 - #32043

Combines Closing Tool and Seed Boot

Used with Pro-D V2 CT Adaptor

Adaptor for V2 Tines



28686 Pair Row Adaptor for V2

Paired row spacing for the following DBS tine spaced bars:

260mm - 7 inch, 3 inch approx.300mm - 9 inch, 3 inch approx.

381mm - 12 inch, 3 inch approx.

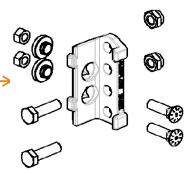








Photo demonstrates 3 x paired rows from a 260mm tine spaced DBS Auseeder.



#### **Fert & Seed Boots** 1.7



Fertiliser

Seed

Split Seed

V2 Tine - 39 / 42mm dia.

**Small Seed** 

V3 Tine - 32mm dia.

NEW – V4 Tine Pro-D – Shielded Fertiliser Boot

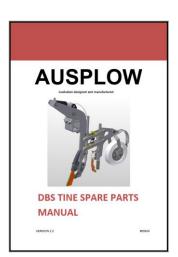
Seed boots for V4 same as for V3



#### 1.8 Press Wheel Assemblies

50mm, 70mm, 90mm, & "V Flat"



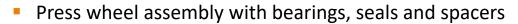


#### Can be purchased as:

Press wheel tyre only



- Press wheel tyre & hub assembly
- Press wheel assembly with bearings and seals









### 1.8 Press Wheel Assemblies – Rounded 90, 110, 135mm



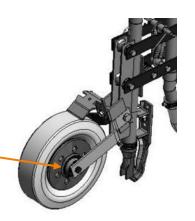
#### For improved performance in sandy conditions:

Uses existing Press Wheel hubs





- Can be fitted to V3 and V4 Tine assemblies
- Cannot be fitted to V2 Tine assemblies if fitted with old type Press Wheel arms – use V3 PW arm 11131



Used with new hard faced 90 and 110mm or 135mm Rounded scrapers for V4 Tines







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SERIAL No

### 1.9 Wing/Tine Extensions

#### **ONLY FOR 3 FRAME MACHINES**

#### Information required

- Machine serial number.
- Pictures of the machine's outer wings.



- Tine assemblies ie: Version V2, V3 or V4
- Air delivery system fitted ie: 5" or 6", double shoot or single shoot.



#### **Tine Extensions** 1.9

**Note: NOT TO 5 FRAME MACHINES** 

#### Single Wheel on Wing:

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

#### **Dual Wheel on Wing:**

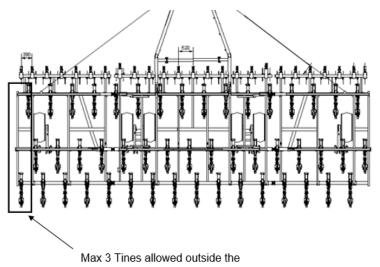
#### Condition 1:

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 wheel

#### Condition 2:

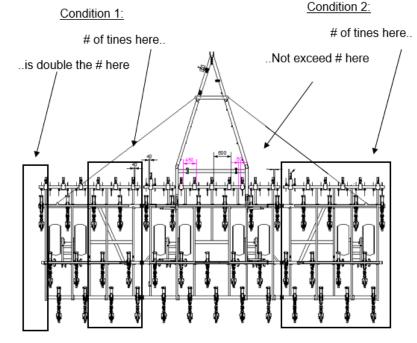
The total number of tines on a wing cannot exceed the number of tines on the centre frame







single wheel wing



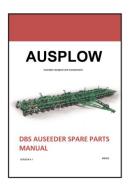
Version 2 - Jul 2023

# AUSPLOW AUS

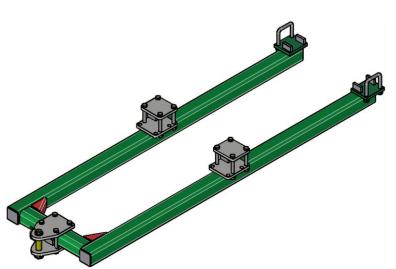
#### 1.9 Tine Extensions

Model	Outer Wing Axle	Wing Axle Single Tyre Outer Wing	Dual Tyre Outer Wing	Recommended Extensions	Max No of Extra Tines
		Tines Outside the Wheels (max of 3)	Cond 1: Tines hing to inner wheel/Tines outside wheel	according to policy	added per machine
		, ,	Cond 2: Tines on wing/Tines on centre frame		· · · · · · · · · · · · · · · · · · ·
36-260N	Single	2		A1	2
42-260N	Single	2		A1	2
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			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



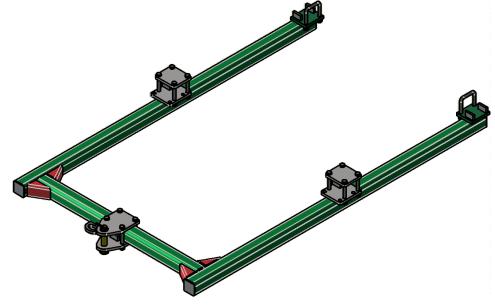


#### 1.10 Rear Tow Hitches – Multifit for Series I & II Bars



Rear Tow Hitch Kit – Narrow #13599

All Bars except .... D300-49,51,55,60T,61

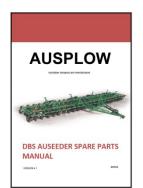


Suitable for ..... D300-49,51,55,60T,61 & D381-36,40

For D381-28,32,44,48 use #28146 and D260-59 series I use #27840-A



#### 1.11 Series II Drawbar 2021 - 2022

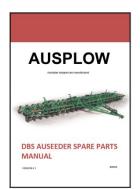


- Extended Top Rails
   New Cable Stay
   Bracket and new bolts and plate

   7 Hole Hitch Plates
- Older Series I Drawbars & cable brackets still made for spare parts
- Series II Drawbars now replaced by Series II Active Drawbars
- Series II Active Drawbars and Link can replace Series I if ordered as a set (LH and RH)



#### 1.11 Series II Active Drawbar - 2022 Onwards



- Active Drawbar Links
- Extended Top Rails
- > 7 Hole Hitch Plates

- Series II Active Drawbars require the Active Drawbar Link Kit 34245
- Front section of the Auseeder Spare Parts manual shows drawbar part numbers



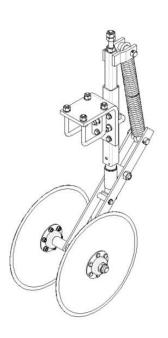
## 1.12 Coulter Assembly – Evolution

Limited Parts Available

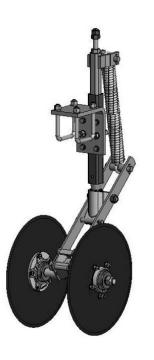
Version 0

1995 to 2008 Version 1 2009 – 2016 Version 2 **CURRENT**2016 - onwards
Version 3

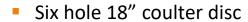






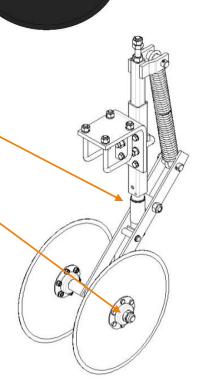


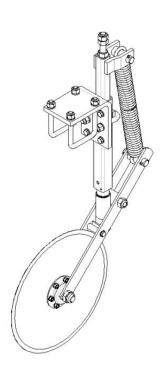
## 1.12 Version 1 Coulter Assembly – Pre 2009





Axle threaded both ends







#### 1.12 Version 2 Coulter Unit – 2009-2015

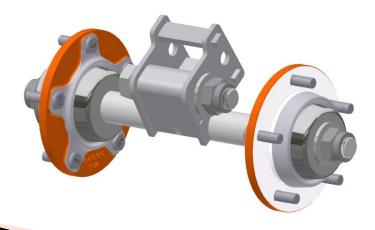
- Five hole 18" coulter disc
- Upgraded hub assembly easier disc fitting
- Upgraded cast knuckle assembly 1" wider
- Upgraded axle (one end threaded).





#### 1.12 Version 3 Coulter Unit - Current

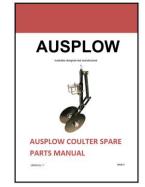
- Top end the same as the V2 new axle and hub
- Upgraded hub with bigger bearing
   parts not interchangeable with V2 hub!
- Bolt on axle design to fit onto V2 assemblies





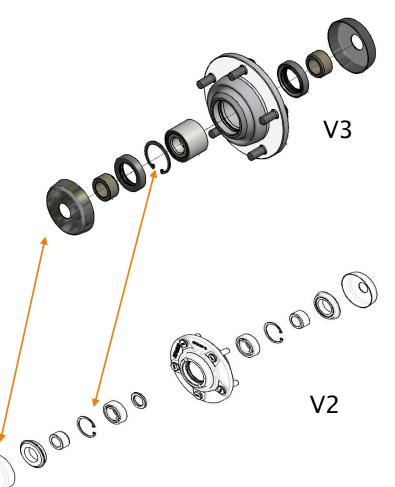




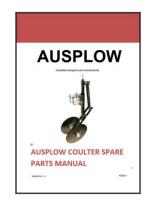


#### 1.12 Version 3 Coulter Hub - Current

- V3 Coulter Hub Assembly (painted orange)
   parts not interchangeable with V2 hub!
  - Upgraded hub with bigger bearing
  - Different seals and spacers
  - Only deflector cup and circlip same as V2
- V2 Coulter hubs parts available except the hub...need to order new hub assembly #27893







## 1.12 Converting from Version 1 to Version 3

- Kit 03685 to convert Version 1 (narrow) units are NLA.
- V1 Coulter Swivel Assy NLA



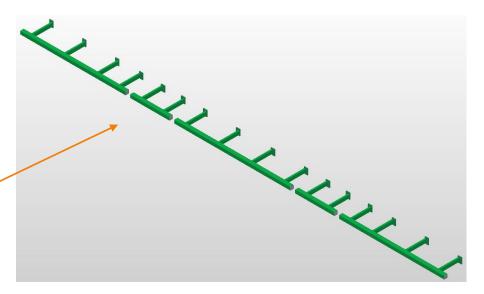
To convert V1 Swivel Assy to current 03664 Coulter Swivel Assy order these parts for each

coulter	
	1
	0) /

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

#### 1.12 Coulter Kits

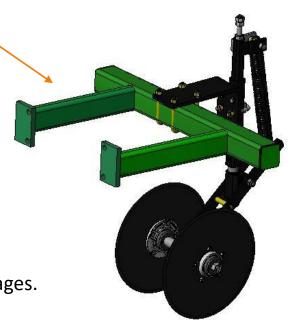
- Coulter Bar <u>Set</u> (bars only) or
- Coulter Bar <u>Kit</u> (bars & U bolts)



<u>Coulter Kits</u> (bars, U bolts and coulters)

#### **Information Required**

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

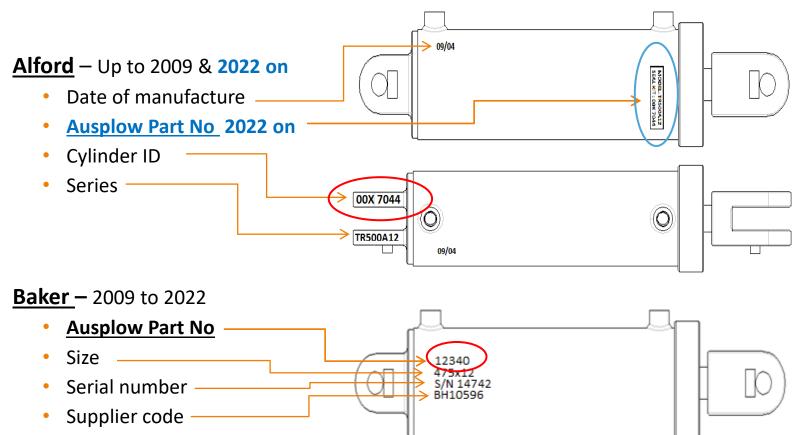


# Easitill & DBS Auseeder

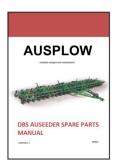




## 1.13 Hydraulic Phasing Cylinders



# Easitill & DBS Auseeder



## 1.13 Hydraulic Cylinders - PTE

These were only fitted to the following machines in 2019:

DBS 1447 (Narembeen), DBS 1450 (Moora) & DBS 1463 (Quairading)

These have different seal kits than the standard Baker or Alford Cylinder.

- Ausplow part number
- Size
- Serial number
- Supplier code



## 1.13 Wing Fold Cylinder Upgrade Kits

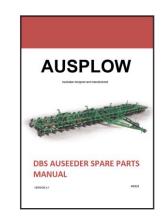
- 1" Pin Wing Folding Cylinders are NLA
- 1.25" pin current Wing Folding Cylinders are to be used
- Parts Bulletin 2-20 refers to Upgrade Kits
- Auseeder Spare Parts Manual also details these kits

Pre 2010 5 Frame DBS bars require a kit when replacing old 1" Pin Inner Wing Fold Cylinders

These are heavily discounted kits

3 Frame DBS bars and 5 Frame <u>Outer</u> Wing Fold Cylinders can use a bush #13458 (4 per cylinder) with current 1.25" pin cylinder





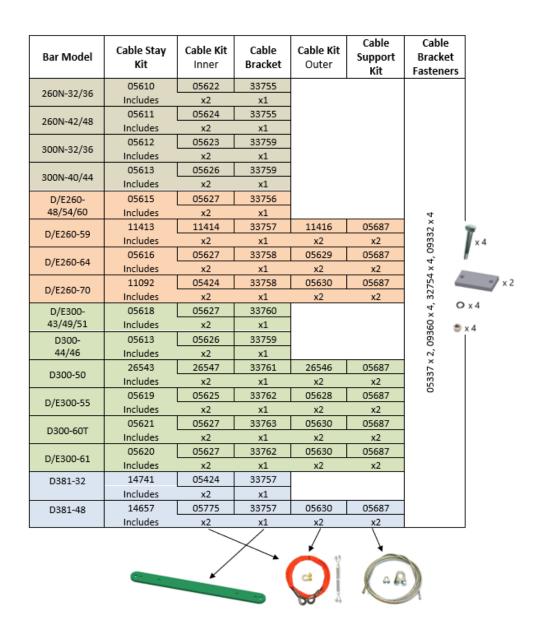




#### 1.14 Cable Stay Kits

Consist of:

- Cables Kits
- Cable Stay Brackets Series II
   (Not interchangeable with Series I,
   Series I brackets avail as spare part)
- Cable Stay Bracket Fasteners (now plate and bolt, Series I were U bolts)
- 5 frame bars also have Cable Support Kits



# AUSPLOW DBS AUSEEDER SPARE PARTS MANUAL MANU

#### 1.14 Cable Kits

#### Consist of:

- Cable (length measured eyelet to eyelet)
- Shackle
- Turnbuckle

#### Note:

The <u>Cable Kit</u> length is

<u>Overall length</u> that
includes shackle & turnbuckle

Part No	Description	Cable	Cable	Shackle	Turnbuckle
			Length	05394	05376
05622	Cable Kit 5.0m	05631 x 1	4.08m	x1	x1
05623	Cable Kit 5.3m	05632 x 1	4.47m	x 1	x 1
26547	Cable Kit 5.37m	26548 x 1	4.54m	x1	x1
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	x1	x1
05626	Cable Kit 5.85m	05635 x 1	5.02m	x1	x1
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	eable Kit 8.0m	05638 x 1	7.17m	x 1	x 1
05630	Cable Kit 8.60m	05639 x 1	7.77m	x 1	x 1





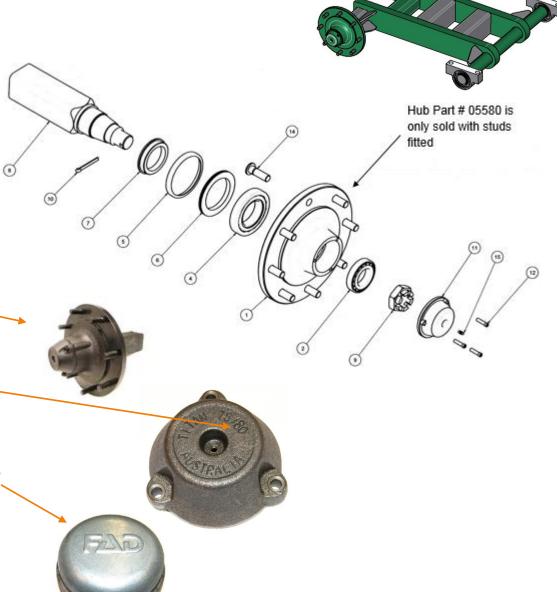




#### 1.15 DBS Wheel Hubs

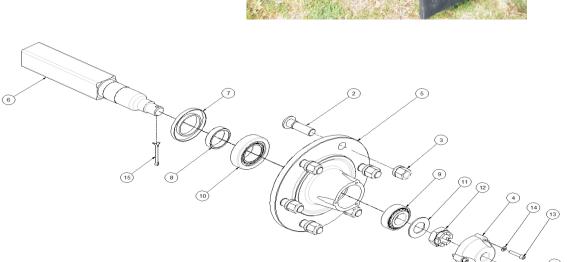
- 80 Series Hub
- Parts sold individually or complete assembly # 01086

- Check Dust Cap for 80 marking
- Older bars had FAD stamping with different bearings and seals



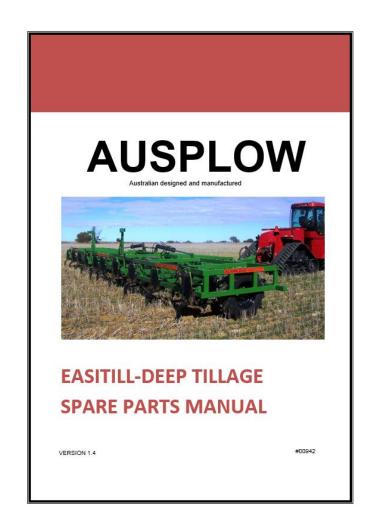
## 1.16 Stability Wheel Kits

- One LH and RH assembly in kit #16059
- Not the same hub as DBS
- > HD 50 series Hub parts
- Used for reducing "Wind Up"





# Part 2 – Easitill / Deep Tillage





# Easitill / Deep Tillage

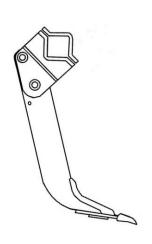
#### 2.1 Deep Tillage – Evolution

DEEP RIPPER (1991-98)

EASITILL I (1998-2005) EASITILL II (2006 on)

Ausplow Rigid Limited Parts Available Ausplow Hydraulic Limited Parts Available Easitill Rigid
Limited Parts Available

Easitill Hydraulic I & II









# Easitill / Deep Tillage

#### 2.2 Parts Availability for Older Tines

- Ausplow Rigid
  - Dura Blade
  - Shin guard
  - Shear pin/bolt
  - Current clamp plate

- Ausplow Hydraulic
  - Dura Blade
  - Shin guard
  - Hydraulic cylinder
  - Pin sets
  - Current clamp plate



- Easitill Rigid
  - Dura Blade
  - Current shank guard
  - Shear pin /bolt
  - Current clamp plate





# Easitill / Deep Tillage

#### 2.3 Easitill V1 and V2 Shanks

Easitill V1 shank 750mm

- **1998-2005**
- **u** #02070

Easitill V2 shank 750mm

- □ 2006 on
- **u** #02217





# Part 3 - Multistream Airseeders

**Tow Between** 



**Tow Behind** 

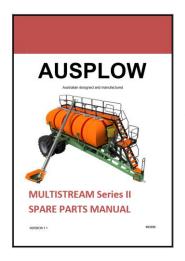


**Drawbar Mount** 



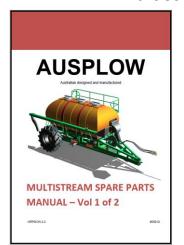
**Compact** 

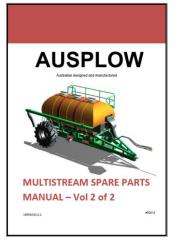




SERIES II Multistream 2018 on

**SERIES I**Multistream





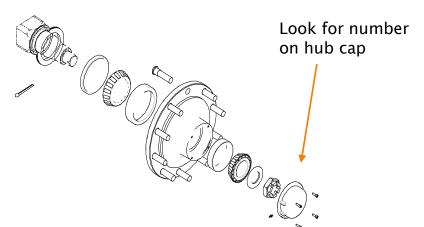


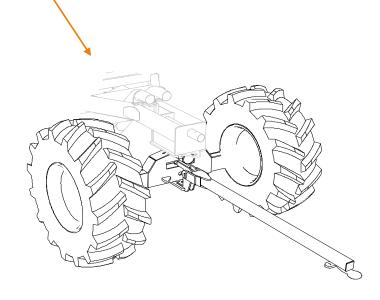
#### 3.1 Front Axles and Hubs

- Dolly Front Axle TBH
- Steering Front Axle TBH

Now upgraded with Steerer Upgrade kit

> 100 or 110 series Hubs







#### 3.1 Steerer Upgrade Kit

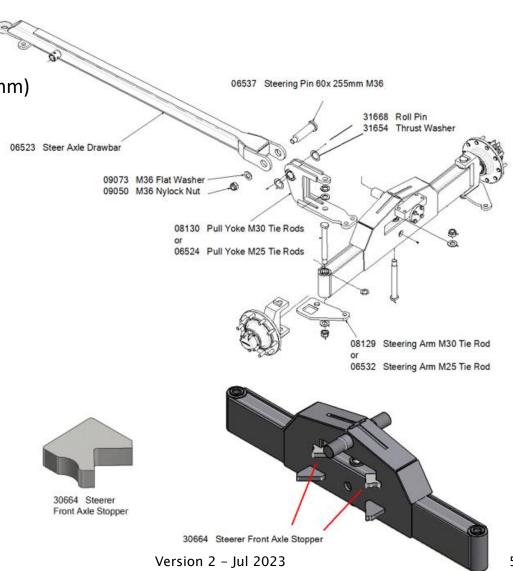
- Parts Bulletin 5-19
- Improve durability
- Bigger 60mm Tow Pin (was 40mm)
- Pull Yoke now 60mm pin
- Drawbar 60mm pin
- Two kits at reduced price:

#### #16078

MS Steerer Upgrade Kit – Suit M30 Tie Rods

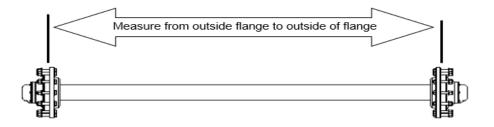
#### #16079

MS Steerer Upgrade Kit – Suit M25 Tie Rods

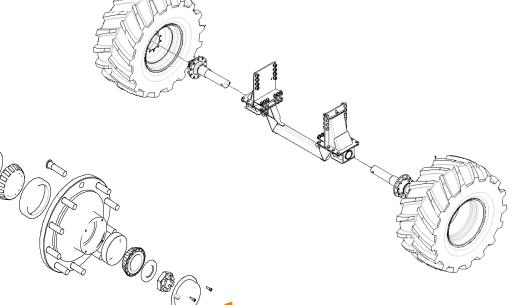


#### 3.1 Rear Axles

- Rear Axles Series I
  - > 100, 110 or 150 series Hubs



- Rear Axles Series II
  - > 150 series Hubs, or
  - > 110 Series



Look for number on hub cap

## 3.2 Hydraulic Filters

Mahle Hydraulic Filter Assembly - Obsolete

**Hydraulic Filter Element – Stauff (# 04095)** 

Hydac 110 Filter Assembly – HP/HC - Obsolete

**Hydraulic Filter Element – 110 (# 04108)** 

#### **CURRENT**

Hydac/Stauff Filter Assembly – 160 (#07564) c/w 04204 Filter element

Hydraulic Filter Element- Hydac160 (# 04204)







# Na.

#### **CURRENT**

#### 3.3 Heater Exchangers



Core size 11 2001 - 2002

#07011- Heat Exchanger



Core size 23
2003 - 2013
with external bypass
Superseded

Size approx: Core 11 - 330wx400h mm Core 23 - 480wx545h mm



Core size 23 with internal bypass 2014 onwards

#27106 – Heat Exchanger #15768 – Heat Exh Upgrade Kit (heat exchanger with hoses & fittings)

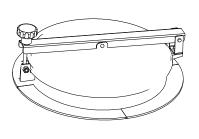




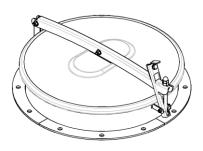
#### 3.4 Tank Lids



#### CURRENT CURRENT









Version 1
Released 2001
Obsolete

Version 2 Released 2005 NLA- some parts are Version 3
Released 2011/12

Small Seed Released 2012

Tank Lid Seals: Diameter: #11505 (glue on) 465mm

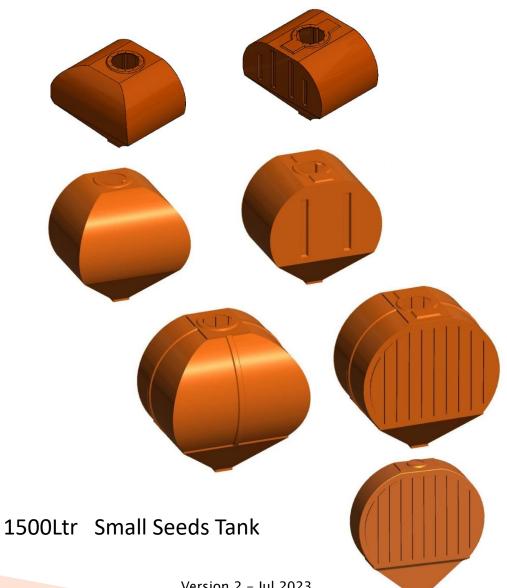
#15055 450mm #14294 223mm

#### 3.5 **Tanks**

2000Ltr End/Middle Tank

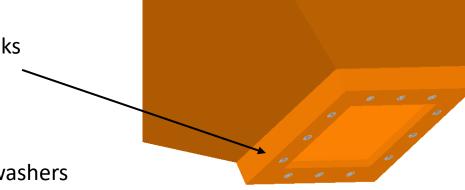
3000Ltr End/Middle Tank

4500Ltr End/Middle Tank



## 3.5 Tank/Metering Unit Bolts

Captive nuts were fitted in tanks from Dec 2016 (MS506)



M10x25mm bolts #09948 & washers #09810 are now used instead of M12 bolts

- If fitting new metering units to the older M12 bolted tank, drill out metering unit holes to 13mm and use #09133 M12 x 40mm SS Bolt and #09108 SS M12 washer
- If fitting an older metering units to the new tank, use M10x25mm bolts #09948
   & washers #09810 as well as the original #09108 SS M12 washer

#### 3.6 Metering Unit Assemblies

Metering Unit V3.5/V4 (Obsolete, parts NLA)

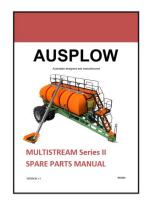


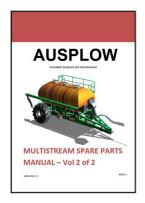
Double Shoot Metering Unit V5 – 5" or 6"

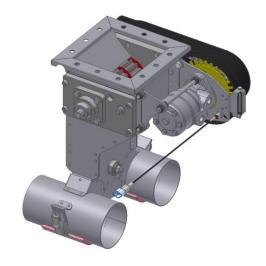
Single Shoot Metering Unit V5 – 5" or 6"

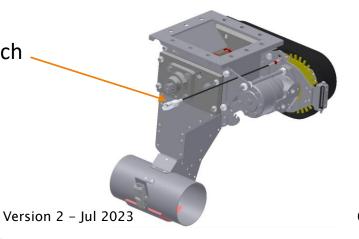
Note: Supplied with Proximity sensor with Deutsch fitting. Check plug fitting is correct!

If Packard plug required make a note in the sales order











#### 3.6 Metering Unit Parts

Fertiliser Metering Wheel



Seed Metering Wheel





Metering Wheel Spacers – Now only 6mm nylon type

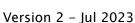








Smaller pump head

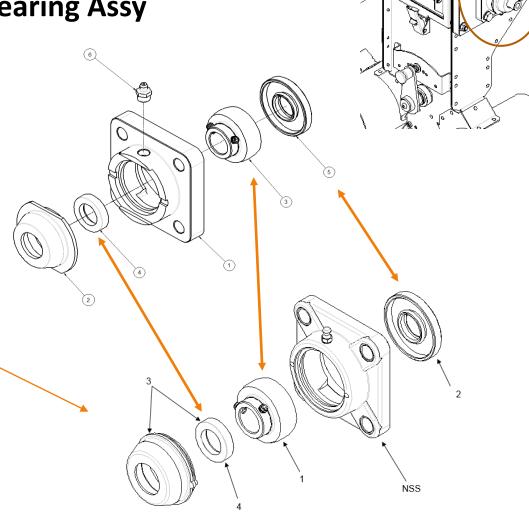




## 3.6 Metering Unit Bearing Assy

- Current Type
  - Same Bearing as older type
  - Same Seals as older type
  - Complete Assy #27066

- Older Type (Pre 2015)
- Replaced by #27066

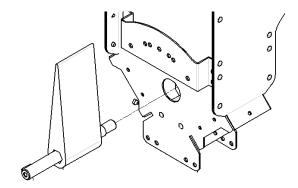


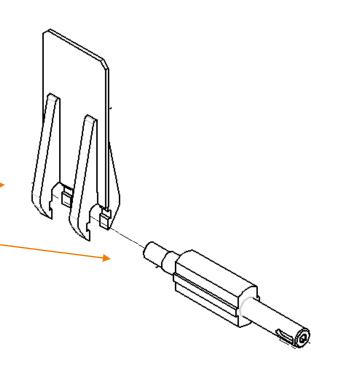


## 3.6 Metering Unit Divider Flap

- Current Type (2022 on)
  - Uses same seals & bearing as older type
  - Dividing Flap now steel for longer life
  - Dividing Flap # 34136
  - Dividing Flap Shaft # 34131
  - Not interchangeable with older type

Older Type







## 3.6 Metering Unit Chains & Sprockets



The slow speed drive kit (Part # 08885) is recommended for machines of less than 13 meters width sowing small seeds at rates of less than 4kg/ha.

			Part #	Part #	Part #
Item #	Qty	Description	Seed	Fertiliser	Slow Speed
ALL	1	KIT, SLOW SPEED DRIVE			08885
1	1	CHAIN WITH MASTER LINK	08098	08099	08883
2	1	SPROCKET MOTOR (DRIVE)			
		17 TEETH	07468		
		20 TEETH		07469	
		13 TEETH			08843
3	1	SPROCKET SHAFT (DRIVEN)			
		38 TEETH	07471		
		20 TEETH		07469	
		45 TEETH			08844
4		MASTER LINK	08094	08094	08094



#### 3.7 Camera Systems

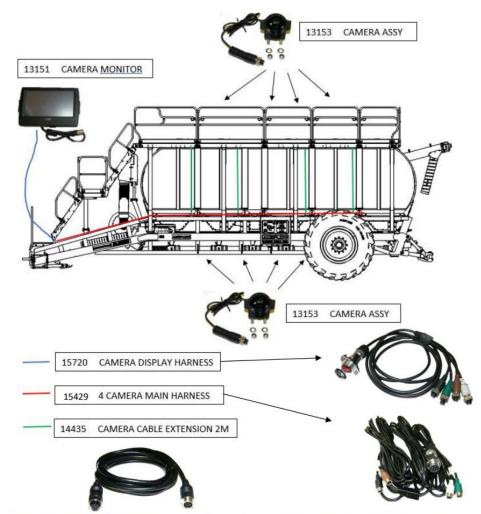
- Camera Kits 4,6,8,10,12
- Eg 8 Camera Kit #04592

#### Consists of:

2 x 7" Monitors

8 x Ball Cameras

– 4 for tanks, 4 for meters

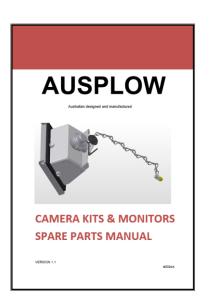


NOTE: 15720 &15429 are not interchangable with older PV harness



#### 3.7 Camera Systems

Camera Kits listed in manual



GRANULAR				
Bin	# Bins	Configuration	Meter Unit Cameras	Tank Cameras
A6000 DB	2	2G	2	2
A9500 BT	2	2G	2	2
A9500 BH*	2	2G	2	2
A11000 BT	3	3G	3	3
A11000 BH*	3	3G	3	3
M6000 DB	3	3G	3	3
M9000 BT	3	3G	3	3
M9000 BH*	3	3G	3	3
M14000 HD BT	3	3G	3	3
M14000 HD BH*	3	3G	3	3
M12000 BT	4	4G	4	4
M12000 BH*	4	4G	4	4
M15000 HD BT	4	4G	4	4
M15000 HD BH*	4	4G	4	4
M18000 HD BT	4	4G	4	4
M19500 HD BT	5	5G	5	5
M22000 HD BT	5	5G	5	5
M24000 HD BT	6	6G	6	6

LIQUID				
Bin	# Bins	Configuration	Meter Unit Cameras	Tank Cameras
M6000 DB	3	2G1L	2	2
M9000 BT	3	2G1L	2	2
M9000 BH*	3	2G1L	2	2
M14000 HD BT	3	2G1L	2	2
M14000 HD BH*	3	2G1L	2	2
M12000 BT	4	3G1L	3	3
M12000 BH*	4	3G1L	3	3
M15000 HD BT	4	3G1L	3	3
M15000 HD BH*	4	3G1L	3	3
M18000 HD BT	4	3G1L	3	3
M19500 HD BT	5	4G1L	4	4
M22000 HD BT	5	4G1L	4	4
M24000 HD BT	6	5G1L	5	5
M27000 HD BT	6	5G1L	5	5
M28000 HD BT	7	6G1L	6	6

Code	Camera Configurations
04591	4 camera system(7* LCD quad splitting monitor, 4 ball cameras, 8 channel connector & loom)
04580	6 camera system(2x7" LCD quad splitting monitor, 6 ball cameras, 8 channel connector & loom)
04592	8 camera system(2x7" LCD quad splitting monitor, 8 ball cameras, 12 channel connector & loom)
04581	10 camera system_(3x7" LCD quad splitting monitor, 10 ball cameras, 12 channel connector & loom)
04593	12 camera system (3x7° LCD quad splitting monitor, 12 ball cameras, 16 channel connector & loom)



#### 3.7 Camera Mounting



Tank camera







Metering camera





Behind Multistream (Optional)



## 3.8 Air Delivery Tube Connectors

All 5" and 6" air tubes are now in Stainless Steel

- Old versions used rubber connectors with T-Bolts
- Old versions used Lap Clamps

- Current Hump Couplers with T-Bolts
- Note: SS Delivery tubes are a different length to current ones using Hump Couplers if Lap Clamps or Rubber hose connectors are used



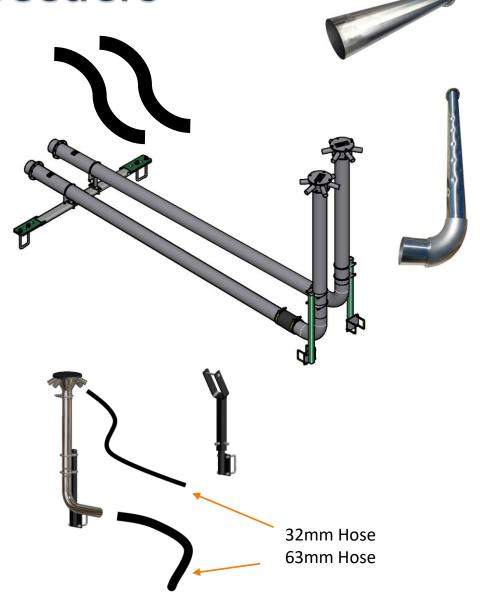


### 3.8 Air Kit – Primary

- SS Stand Pipes 5" or 6"
- SS Single Flange Air Tubes
- ❖ 5" or 6" Rubber Air Hose
- Support Brackets and Pri Head

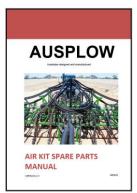
### Air Pac – Secondary

- SS 2.5" Secondary Standpipe
- 32 and 63mm Rubber Air Hose
- Hose Supports and Sec Heads
- Do not call these Air Kits



### 3.8 Air Kit – Primary

- Tow behind or Tow between.
- 5" or 6"
- Double shoot or Single shoot.
- See table in Air kit spare parts manual



	-		,	Kits for DBS				
Multistream	PRIMARY HEAD RISER		SINGLE SHOOT		DOUBLE SHOOT		No of Runs	
	Tow Between	Tow Behind	Tow Between	Tow Behind	Tow Between	Tow Behind		
DBS Bar								
D260-24	28881	28453	16310	16298	16305	16292	4	
D260-28	28881	28453	16310	16298	16305	16292	4	
D260-32	28881	28453	16310	16298	16305	16292	4	
D260-36	28881	28453	16310	16298	16305	16292	4	
D260-42	28881	28453	16310	16298	16305	16292	4	
D260-48E	28881	28453	16310	16298	16305	16292	4	
D260-48N	28881	28453	16311	16299	16306	16295	6	
D260-54	28881	28453	16311	16299	16306	16295	6	
D260-59	28881	12360	16311	16300	16306	16296	6	
D260-64	28881	28453	16311	16299	16306	16295	6	
D260-70	28881	28453	16311	16299	16306	16295	6	
D300-32	28881	12360	16310	16349	16305	16294	4	
D300-36	28881	12360	16310	16349	16305	16294	4	
D300-40	28881	12360	16310	16349	16305	16294	4	
D300-44	28881	12360	16310	16349	16305	16294	4	
D300-46	28881	12360	16311	16300	16306	16296	6	
D300-48	28881	12360	16311	16300	16306	16296	6	
D300-49	28881	12360	16311	16300	16306	16296	6	
D300-50	28881	12360	16311	16300	16306	16296	6	
D300-51	28881	12360	16311	16300	16306	16296	6	
D300-55	28881	12360	16311	16300	16306	16296	6	
D300-60T	28881	12360	16311	16300	16306	16296	6	
D300-61	28881	12360	16311	16300	16306	16296	6	
D300-01	20001	12500	10311	10300	10300	10230		
D381-28	14418	12360	16362	16349	16364	16294	4	
D381-32	14418	12360	16362	16349	16364	16294	4	
D381-36	14418	12360	16362	16349	16364	16294	4	
D381-30	14418	12360	16363	16300	16365	16296	6	
D381-40	14418	12360	16363	16300	16365	16296	6	
D381-44	14418	12360	16363	16300	16365	16296	6	
0301 40	14410	12500		'AIR KITS	10303	10230		
Multistream	SINGLE SHOOT DOUBLE SHOOT							
- Indicisci Cuiii	Tow Between	Tow Behind	Tow Between	Tow Behind	Tow Between	Tow Behind	No of Runs	
DBS Bar	TOW DELWEEN	TOW Deliniu	TOW DECIMEEN	TOW Delillia	TOW DELWEEN	TOW Delilliu	110 or man.	
D260-48N	28886	28662		16550	16467	16548	6	
D260-48E	28886	20002		10000	16467	200-10	6	
D260-54	28886				16467		6	
D260-59	28791	28662	16319	16550	16315	16548	6	
D260-64	28886	LUUUL	20025	20000	16467	200.0	6	
D260-70	28886	28662	16320	16551	16316	16546	8	
D300-61	28791	26419	16319	16359	16315	16301	6	
D300-61	28791	20.22	16345	20000	6072	20002	8	
D300-46	28791		16319		16315		6	
D300-40	28791	26419	16319	16359	16315	16301	6	
D300-40	28791	26419	16319	16359	16315	16301	6	

# 3.8 New Evolution Air Delivery Hose New Release Jan 2022



This high-quality hose has special ribbing on the outside to improve its bend radius making it easier to install and less prone to hose collapse when bent.

Parts Bulletin 9-21 refers:

- #10810 Hose Rubber EVO 63mm (2.5") order as 20m or 40m etc
- #10811 Hose Rubber EVO 127mm (5") order as 10m or 20m etc



#10812 Hose Rubber EVO 154mm (6") – order as 10m or 20m etc.





### 3.8 Evolution (EVO) Air Seeder Hose

- #10810 EVO hose replaces #10858 63mm rubber air hose
- #10811 EVO hose replaces #10859 5" rubber air hose
- #10812 EVO hose replaces #10863 6" rubber air hose
- #10857 32mm rubber air hose unchanged



#### **PLEASE NOTE:**

When ordering 32mm and 63mm hose - enter 20mtr, 40mtr, etc.

When ordering 5" and 6" hose - enter 10mtr, 20mtr etc.



### 3.8 FloFlex Air Delivery Hose 32mm - Plastic Type

- 32mm Air delivery hose sold in 20mtr rolls (order 20, 40 .... etc).
- Lighter and improved flow
- Black for seed, orange for fertiliser
- Herbie hose clamp used.





### 3.9 Typical Conversions

Information required for quoting conversions:



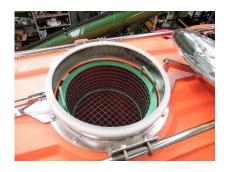
- Machine Serial Number MS????
- Machine Controller John Deere, Trimble, Topcon X20 or X30/35
- Current configuration eg: 5", 2 granular, 1 rear liquid.
- Brief description of the intended conversion eg: convert liq bin to granular
- Supplying pictures can help with identifying parts required.

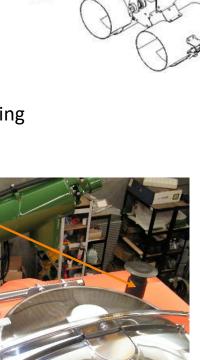


### 3.9 Typical Conversions

#### **Liquid to Granular Conversion**

- Replace liquid sump with Metering Unit
   5" or 6" Single or Double Shoot Seed or Fert
   Specify if Proxmity Sensor on Meter unit has Deutsch or Packard fitting
- Remove tank vent and overflow pipes, fit end caps
- Add bin basket, supports & hump couplers



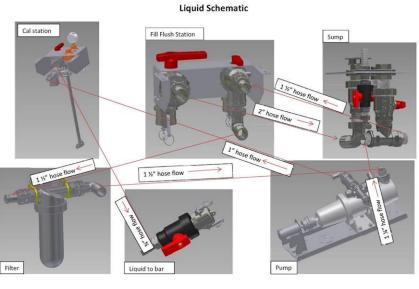




### 3.9 Typical Conversions

#### <u>Granular to Liquid Conversion – Series I</u>

- Replace Metering Unit
- Fit a Retro Liquid Kit CP800 pump
  - Contains Sump, Fill, Cal Station
- Need to email us:
  - Type of Controller, Size of tank sump bolts & loom end plug type (Packard or Deutsch)
- Remove bin basket and supports
- Add tank vent and overflow pipes
- Add end tank support strap assy (may need bracket)
- Add longer steel 5" or 6" air delivery tubes
- No kit developed to retro fit Liq Panel to Series 1



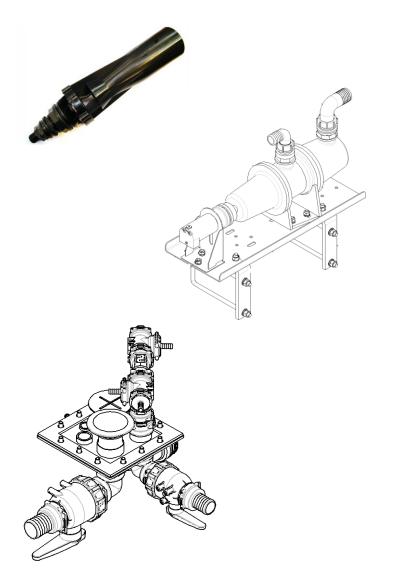




### 3.9 Typical Conversions

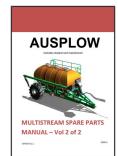
#### <u>Liquid Agitation Kit – for Series I</u>

- One Kit for Tow Between #04491
- One Kit for Tow Behind Bins #04492
- Kit contains:
  - Sump Nozzle Assembly
  - Hydraulic Hoses and fittings to Tractor Hydraulics
  - Pump CP800 Assembly
- Liquid Agitation Kit for Series II
- Use Xmas tree configuration
- No retro kit created yet for Series 1 or 2





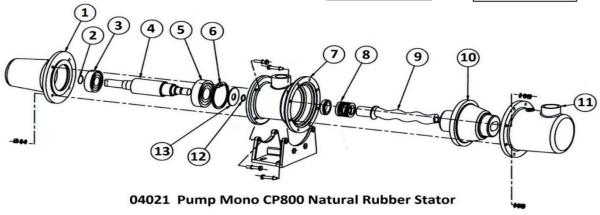




#### 3.10 Liquid Pumps

#### **CP800**

- Parts as shown
- Complete pump #04021
- MS Series I



## **CP25** #04020



#### HYPRO 6.5 Bar

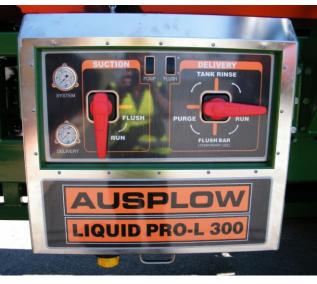
#32499 Used in Multistream Series II Liquid Panel



### 3.10 **Liquid Panel – 2018 on**

- Fitted to Series II Multistream Bins
- New type of sump
- Integrated Agitation/Auto Calibrating/
   Manual Tank Rinse & Bar Flush
- New HP Hypro Pump
- New 3" Fill Line
- No conversion kits

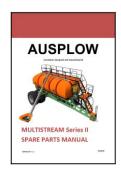








#### 3.11 Multistream Series II Features



- New Walkway
  - Now have electric collapsible hand rails
- New Auger & Arms
  - Complete hydraulic control
- New Rear Axle
  - Removal axle stubs
- New Liquid System
  - All in one Liquid Panel
- Spare Parts Manual
- One Volume
- Only current build info 2018 on





## Part 4 – Spare Parts Orders & Web Store

#### 4.1 **Web Store Logging In**

https://shop.ausplow.com.au/

When you log in as a Dealer this is displayed:

Access is only for authorised **Dealers** 

- Parts Bulletins
- **Parts Manuals**
- **Quick Reference Guide**
- **Operators Manuals**
- **Assembly Manuals**
- Fast Order System
- Parts Price List



#### Welcome to the Dealers Main Menu

Here are the links to the Fast Order System, User Manuals and Parts Bulletins.



Parts Manuals/Guides







Fast Order System









Your Cart is Empty



Operator Manuals

Download Price List

#### 4.2 Parts Bulletins

#### **Parts Bulletins**

Here are the links to Parts Bulletins

- Sent to Dealers to advise of changes
   made to Parts and Assemblies
- Spare Parts Manuals are updated with these changes
- New Parts Manuals releasedJul/Aug each year

#### 2023

Bulletin 1-23 - Ausplow Spare Parts Price List

Bulletin 2-23 - PSO and WSO Allowable Parts List Dated 15-3-2023

#### 2022

Bulletin 1-22 - PSO and Weekly Orders Allowable Parts

Bulletin 2-22 - 90L Flow Divider Kit

Bulletin 3-22 - New Pro-D Fertiliser Boot V2

Bulletin 4-22 - Allowable Parts PSO and Weekly Orders

Bulletin 5-22 - Pre-Season Parts Odersr for 2022-23

Bulletin 6-22 - Blade Retaining Pins #27055

Bulletin 7-22 - Ausplow Manuals Updated

Bulletin 8-22 - Rib and Seeding Unit Upgrade Kit Discounts

Bulletin 9-22 - Changes to PSO-WSO Allowable Parts

Bulletin 10-22 - Parts Bulletin 10-22 - Auseeder Active Drawbar Arms

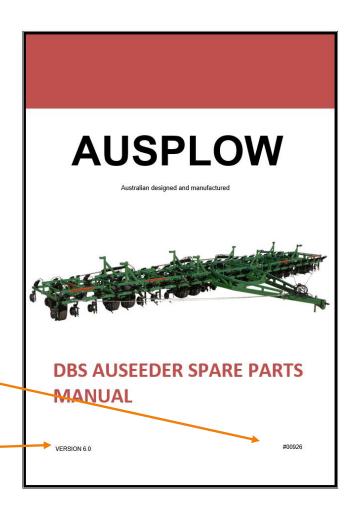
#### 2021



#### 4.3 Manuals

- New Manuals released Jul/Aug each year
- Parts, Operators, Assembly and Tech Service
   Manuals can be down loaded, printed or
   saved to your desktop for quick access
- Part number to order hard copy

Version number of manual



## Orders & Web Store AUSPLOW



Your Cart has 0 items My Account | Logout | Account : Casual Web User

Home Products FAQs Dealers

#### Web Store Search 4.4

https://shop.ausplow.com.au/

To search for Parts:

- **General Search** 
  - Description
  - Part number
- **Product Categories**



#### **Product Categories**

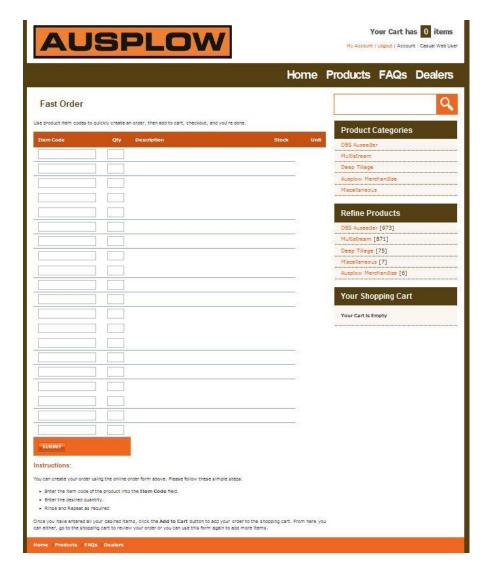
Categories - DBS Auseeder



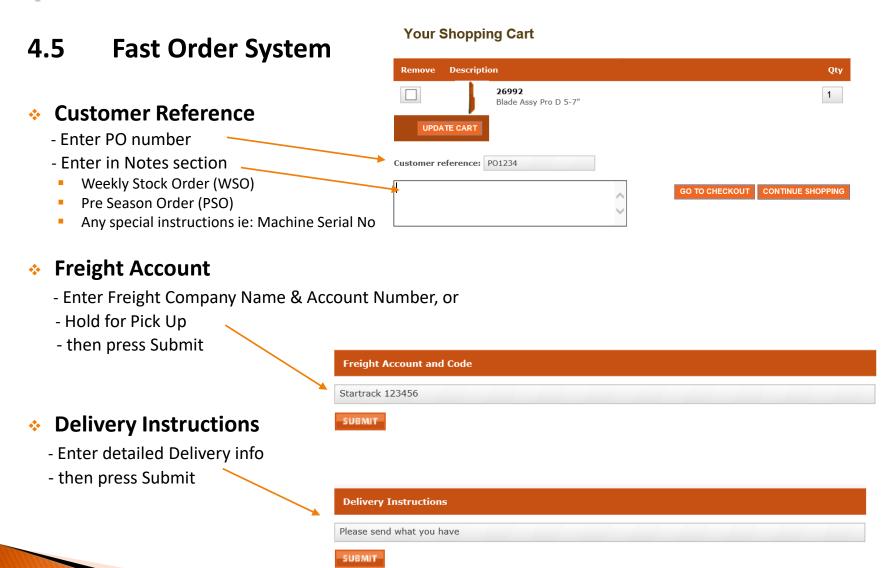
#### 4.5 Fast Order System

- Up to 100 line items
  If more than 100 then create a new order
- Tick = in stock
- Cross = not in stock or reserved for new machines or in another store location











#### 4.6 Dealer Discounts

#### Daily Sales Orders less 20%

- If parts in stock generally <u>dispatched the same day</u>
- Orders processed as received .... so earlier orders packed first
- > 30 Days for settlement

#### **Weekly Stock Orders** less 25%

- 1 order per week (Mon-Sun), per Dealer location, sent in 5 working days or later
- Only delivered direct to Dealer, not to customers
- Restricted to only parts listed in the Allowable Parts List See Parts Bulletin 2-23.
- > 30 Days for settlement
- Please use the words WEEKLY STOCK ORDER or WSO in notes section in web store

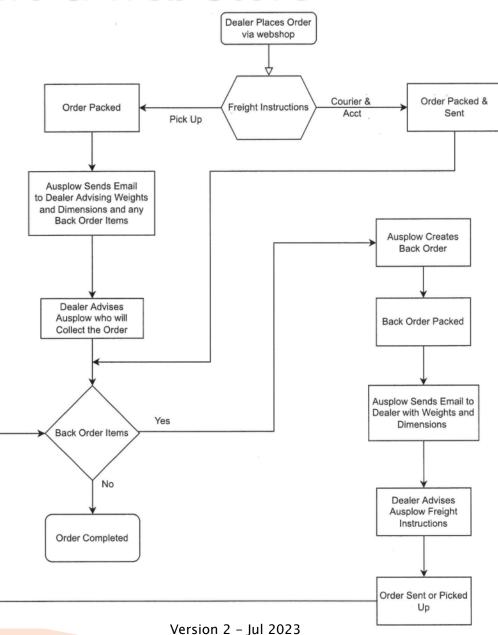
#### **Pre-Season Orders** less 30%

- One order per year and only those parts listed in the Allowable Parts Bulletin 2-23.
- Preseason Parts Bulletin issued in June, Orders in by 30 Sep, delivery month to be nominated
- Settlement for Oct or Nov delivery months is end of Feb, for Dec on delivery months is 60 days
- Please use the words PRESEASON ORDER or PSO in notes section in web store



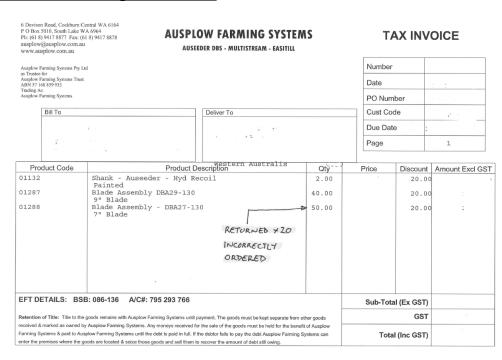
# 4.7 Sales Order Notifications

- ☐ Ausplow Parts will advise Dealers on order progress and status as shown in the flow chart.
- Dealers are to ensure Pick Up orders are only to be collected after Ausplow has advised the Dealer it is ready for pick up.



### 4.8 Parts Returns (Shown in the beginning of each Parts Manual)

- > Provide a **copy of the Ausplow Sales Order/Tax Invoice** the goods were purchased on.
  - that way we know who they are from, when ordered and what Branch is to receive the credit
- <u>List the part numbers and quantities</u> of items being returned.
- Provide a brief description of why the goods are being returned.
  - The return freight is at Dealer's expense.
  - Returned items must be in a resalable condition.
     ie: clean, unused, undamaged.
  - A standard 20% restocking fee applies on the Dealer Net Price.
  - International & special orders are non-refundable.



#### **Freight Companies** 4.9



- Ausplow and many Dealers use StarTrack Express as their nominated freight carrier
- Startrack pickup daily sometime during 1pm to 4pm
- Startrack airbags not allowed to PO Boxes
- Startrack, Toll & TNT only collect air hose if on a pallet: ie 32 and 63mm hose
- Other carriers available are:
  - TNT ...... Freight to be booked in by 12noon
  - Toll priority
  - Toll Ipec (formerly known as courier Australia)
  - Australia Post Pre Paid Bags
  - **Land Transport**
  - Kal Express (WA)
  - Webb Haulage (SA)
  - Stirling Freight (WA)

NOTE: When Dealers arrange freight to be collected, the

Sales Order number(s) are to be quoted to our Stores section by the Person collecting the order















## Part 5 - Frequently asked questions

#### 5.1 General Pubic Access



#### Do Ausplow sell to the general public?

- NO We only sell to our Dealer network.
- We always refer customers to a Dealer for pricing and information.

#### Can DBS owners obtain a Dealer login?

- NO The Dealer portal is only available to authorised Ausplow Dealers.
- We encourage customers to contact their Dealers to place an order.

#### Who do I contact for Tax Invoices/Stacking Bracket Returns?

 Tax Invoice and stacking bracket enquiries are to be forwarded to our Accounts Department; ar@ausplow.com.au



## Frequently asked questions



### 5.2 What is the procedure for warranty claims?

(Shown in each Parts Manual)

- Contact Ray Beacham (Service Manager) initially.
- Place a Spare parts order online for replacement parts, add "subject to warranty claim" in the notes section.
- Lodge a warranty claim form to our Service
   Department <u>ray.beacham@ausplow.com.au</u>
- Upon authorisation from the Service Department, a credit will then be issued from our Accounts Department: <u>ar@ausplow.com.au</u>

AUSPLO	<b>W</b>			
Wa	rranty/Return	Credit Claim 2019	Claim Ref:	
Dealer/Branch			Date of Claim	
Owner Name			Date of Failure	
Machine Type		Model No.	Date of Sale	
		Serial No.	Total Area Worked	
* Claims will not	be accepted if date o	of claim is more than 1 month af	ter date of failure with	out prior approval
NATURE OF FAILUR	RE describe fully			
RECTIFICATION s	tate procedures undertak	en		TIME
ABOUR - Excluding Tr OTAL HOURS CLAIM! RAVEL OTAL KILOMETRES		at \$100.00/HOUR  AT \$1.00/KILOMETRE	TOTAL CLAIMED	
	UESTED CREDIT AT CO		TOTAL GEATINES	
	ANTITY	DESCRIPTION	ON INVOICE No:	AMOUNT
			TOTAL	
			TOTAL	
		MED (invoice copies must be forwarde	d)	AMOUNT
OUTSOURCE LABO NAME	OUR/MATERIALS CLAIN INVOICE No:	MED (invoice copies must be forwarde DETAILS OF WO	d)	AMOUNT
			d)	AMOUNT
			d)	AMOUNT
			d)	AMOUNT
		DETAILS OF WO	d) RK	AMOUNT