

AUSPLOW FARMING SYSTEMS

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PARTS BULLETIN No. 4-08

05-08-08

**Subject: AUSEEDER DBS - SEEDING UNIT UPGRADES
And SPARE PARTS OBSOLESCENCE**

BACKGROUND

The design of the Auseeder Tine and Seeding Unit Assembly has evolved since it was first introduced; initially as an add-on unit attached to the tines of existing cultivators and combines and, from 1995, as part of the Auseeder DBS Bars.

Much of the feedback, which helped to fuel this evolutionary development, came from Farmers who owned and used the machines. In acknowledgement of this assistance, changes were made, wherever possible, so owners could easily upgrade to the new components to take advantage of improvements in performance.

In some cases the upgrade occurred automatically with the purchase of replacement parts as needed. In other cases, where the change was more extensive, replacement kits were made available for partial or complete machine upgrades at the owners' discretion.

The last major upgrade of this type occurred with the introduction of the "S" Series machine in 1998. Up until 1997, the DBS Seeding Unit was fitted with Fixed Position Closing Tools and Adjustable Height Press Wheel Arms. From 1998 onwards, these features were reversed. The Closing Tool became Adjustable, and the Press Wheel Height became Fixed.

A factory-fit programme was introduced at that time, to allow owners of add-on units and Auseeder Bars to upgrade if they wished. Since many of the parts were not readily interchangeable, this programme required shank and seeding unit assemblies to be returned to the factory. The original seeding units were removed and scrapped. The parallelogram pivots in the shank were then replaced and a new seeding unit assembly was installed.

This programme was continued until 2007 and a considerable number of units were replaced. Early records of add-on unit sales are not available and it is not known how many of the early seeding units (prior to 1998) still remain. Requests for this upgrade have almost stopped and mostly occur when an old bar leaves its original owner and goes to a new first-time DBS owner. Some units must remain, however, as sales of some individual spare parts for these units have continued.

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FUTURE CONSIDERATIONS

There are three factors which have impacted on the future availability of upgrades;

- 1) It is now more than 10 years since the original design seeding units were manufactured and sold. Spare parts will no longer be available, except for Closing Tools (1187) and items which may still also be used in current production units.
- 2) Factory production capacity is fully committed and factory-fit upgrades cannot be continued. Since many older machines are sold out of W.A. it is also impractical to ship shank & seeding units back to the factory for upgrade and return.
- 3) A third design version was introduced into production in January 2007. The earlier "Version 2" units, which were supplied for the factory-fit programme, will now only be available in limited quantities and as spare parts, not in machine quantities.

UPGRADES & SEEDING UNIT AVAILABILITY

1. Upgrades will still be made available, under the following conditions;
 - a) For owners of early machines (to 1997), who wish to upgrade a full machine, "Version 3" (current production) seeding units will be supplied. (See Annex 1)
 - b) Ausplow will require that the identity of the machine to be upgraded be properly established and reserve the right to reject any order where it is reasonably suspected that the units may be diverted to some other make of machine.
 - c) Due to capacity constraints, supply of upgrade sets is subject to availability and is preferred before the end of December in any season.
2. "Version 2" Seeding Units for "Version 2" machines (1998 to December 2006) will be made available as follows;
 - a) Individually as Spare Parts to replace damaged units. (See Annex 2)
 - b) As part of complete Tine Assemblies for Spare Parts, or as components for Wing Extension Kits where consistency with existing Tines is required.
- 3) "Version 3" Seeding Units (2007 <) are unlikely to be cost effective as a full replacement on "Version 2" machines (1998 to 2006). Individual features can be upgraded, however, with a set of appropriate parts, i.e. Wide Press Wheel Arms, Rear Mount Scraper, Extended Side Arms, Stainless Fertiliser Tube.
- 4) Spare Parts for "Version 1" units are no longer available, except Closing Tools (1187) and where parts are also used in current production. A list of the most common items that are now obsolete is attached. (See Annex 3)

Mike Kilroy
Parts Manager

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ANNEX 1 (05/08/08)

SEEDING UNIT ASSEMBLY – “Version 3” (2007 <)

Units and Other Kits;

Part No.	Description	RRP excl GST
11537	Seeding Unit & Linkage Assy – 2007< - 50mm Press Wheel	705.00
11538	Seeding Unit & Linkage Assy – 2007< - 70mm Press Wheel	705.00
11539	Seeding Unit & Linkage Assy – 2007< - 90mm Press Wheel	735.00
Standard Features;	Extended Side Arms Replaceable SS Seed Tube Wide Press Wheel Arms Rear Mounted Scraper – Spear Type – 50mm Rear Mounted Scraper – Blade Type – 70/90mm	
11540	Seeding Unit & Linkage Assy – 2007< - “V” Mud Press Wheel	745.00
Standard Features;	Extended Side Arms Replaceable SS Seed Tube Wide & Curved Press Wheel Arms Rear Mounted Scraper – Spear Type	
11477	Seeding Unit to Shank – Pivot Housing Kit	130.00
Includes;	2 x 11490 Shank Bush Housing & Bushes 2 x 01464 Shank Bush Housing Nut 2 x 01130 Bush – 12 x 18 x 57 – Sintered Nickel 4 x 01150 Seal Cap Assembly 2 x 01230 Bolt Set – M12 x 90	
11879	Fertiliser Tube Kit – SS – 2007<	94.35
Includes;	1 x 11367 Fertiliser Tube – 32mm OD – SS 2 x 11369 Clamp – Fertiliser Tube – 32mm 2 x 09011 Bolt – M12 x 40 4 x 09108 Flat Washer – M12 SS 2 x 09009 Nut – M12 Conelock 1 x 11445 Boot – Fertiliser Tube 1 x 09086 Hose Clamp – 19-44mm SS	

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ANNEX 2 (05/08/08)

SEEDING UNIT ASSEMBLY – “Version 2” (<2006)

Units and Other Kits;

Part No.	Description	RRP excl GST
05840	Seeding Unit & Linkage Assy – <2006 - 50mm Press Wheel	570.00
05841	Seeding Unit & Linkage Assy – <2006 - 70mm Press Wheel	570.00
05842	Seeding Unit & Linkage Assy – <2006 - 90mm Press Wheel	600.00
Standard Features;	Standard Side Arms Standard Flat Press Wheel Arms Standard Scraper with Nozzle Mount Slots	
05843	Seeding Unit & Linkage Assy – <2006 - “V” Mud Press Wheel	660.00
Standard Features;	Standard Side Arms Wide & Curved Press Wheel Arms Rear Mounted Scraper – Spear Type	

Optional Features for the above units; (prices are per unit)

	Extended Side Arms	7.00
	Wide Press Wheel Arms (50mm, 70mm, 90mm)	5.00
	Rear Mounted Scraper – Spear Type (50mm)	45.00
	Rear Mounted Scraper – Blade Type (70mm)	45.00
	Rear Mounted Scraper – Blade Type (90mm)	45.00
04751	Hose Adaptor Kit - <2006 – 32mm PVC Hose	48.20
Includes;	2 x 05447 Hose Adaptor 2 x 05448 Hose Adaptor Clamp 2 x 09094 Machine Screw - M5 x 25 2 x 09095 Machine Screw - M5 x 30 4 x 09096 Nut - M5 Nyloc 1 x 05370 Seed Tube Liner	
05851	Hose Adaptor Kit - <2006 – 32mm Rubber Hose	18.00
Includes;	2 x 11361 Hose Adaptor Tube – 32mm SS 2 x 01335 Spring – Dia 2mm x 65mm 1 x 05370 Seed Tube Liner	

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ANNEX 3 (05/05/08)

“Version 1” Parts Now Obsolete; (not an exhaustive list)

Part No.	Description
1124	Shoulder Pin
1140	Fertiliser Pipe – Poly
1147	Fertiliser Pipe Clamp
1158	Fertiliser Pipe Shield
1164	Seed Tube Shield
1165	Spring
1167	Fertiliser Pipe Shield Clip
1189	Seed Tube
1213	Flat Washer – Nylon
1214	Seal -18 x 24 x 3
1219	Press Wheel Centre
1220	Press Wheel Arm
1222	Adjustment Plate
1223	Adjustment Plate Spacer
1227	Press Wheel Bearing (Small)
1238	Press Wheel Bearing Housing
1240	Press Wheel Spacer – 12 x 17 x 60
1242	Press Wheel Tyre
1243	Press Wheel Tyre
1317	Dust Cover – Inner
1318	Dust Cover – Outer
1319	Adjustment Plate Pin
1338	Adjustment Plate Pin Clip
1363	Spacer – Short

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1370 Scraper – 50mm

1480 Dust Cover - Short

NOTE: Existing Dealer Stock of any of these items remains saleable, but replacement stock will no longer be available from the factory.

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