

AUSPLOW FARMING SYSTEMS

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PARTS BULLETIN

No.7-16

19-09-16

**Subject: VERSION 3 COULTER HUB ASSEMBLY
 VERSION 3 COULTER AXLE ASSEMBLY
 VERSION 3 COULTER CONVERSIONS**

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

Version 1; Product released in 1995 to until 2008

Version 2; Product released April 2009 to until August 2016
(featuring a redesigned knuckle and hub assembly, which eliminates the need to dismantle the hub to replace the discs).

Version 3; Product released September 2016 **NEW**
(featuring a redesigned hub assembly, and axle assembly for improved durability).

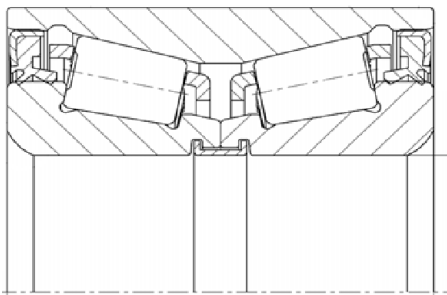
Version 3 Coulter Hub Assembly:

The new Version 3 coulter hub is not compatible with V1 and V2 coulter hub internals, and vice versa.

Customers requiring replacement coulter hubs to pre September 2016, will need to upgrade to Version 3 coulter hub assembly P/N 27893, and this has superseded Version 2 coulter hub assembly P/N 03675.

Characteristics of the new designed bearing include;

- Double row tapered roller.
- Factory preloaded.
- Double lip seal.
- Lubricated for life.



(Bearing cross section view)



(Hub cut away image)

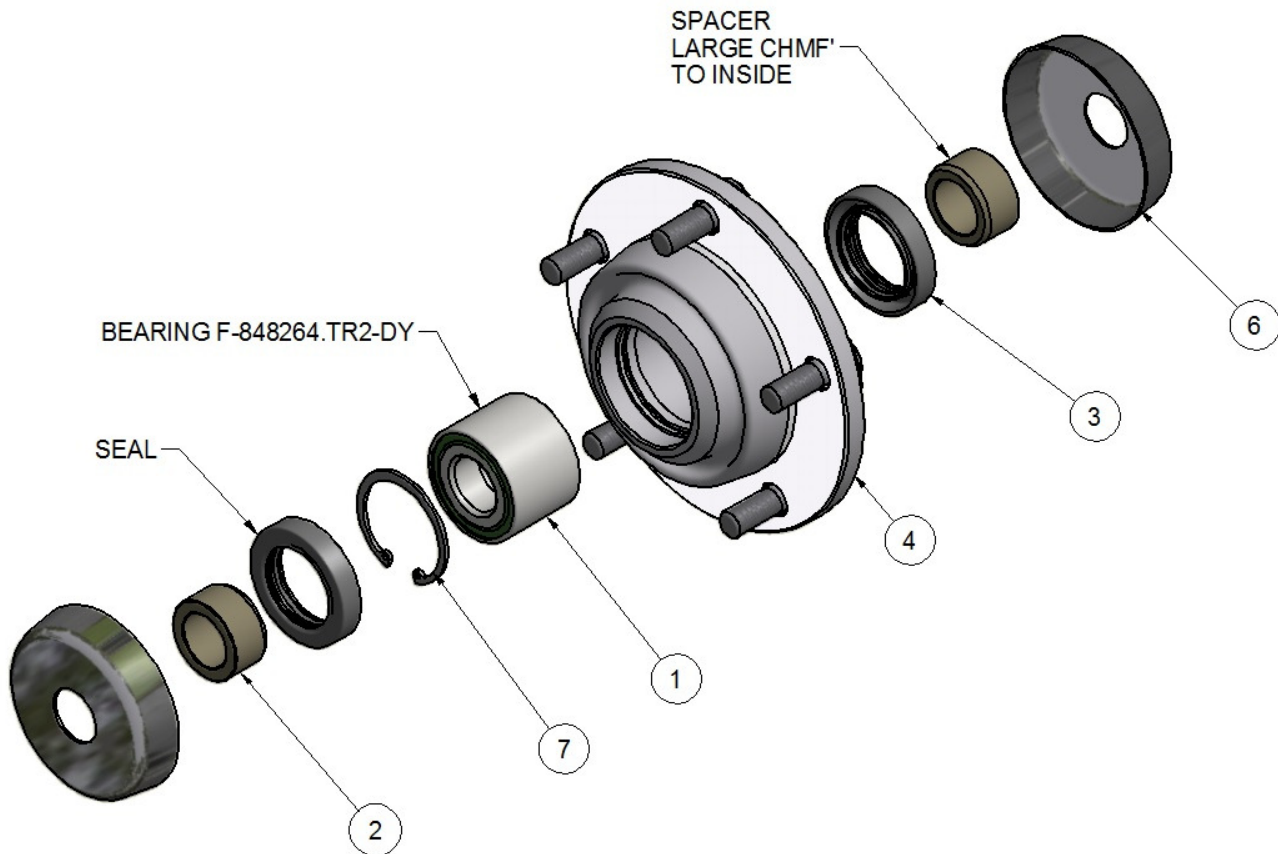
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Version 3 coulter hub assembly parts breakdown



Item#	Qty	Part#	Description#
All		27893	Coulter Hub Assembly V3
1	1	27890	Bearing Coulter Hub
2	2	27891	Spacer Coulter Hub V3
3	2	27892	Seal TC2 37x55x10 Triple Lip
4	1	14330	Coulter Disc Hub - Machined V2
	5	14331	Wheel Stud M12x1.5x40L
6	2	03678	Coulter Deflector Cup Pressing
7	1	09522	Circlip - Internal - 52 x 2

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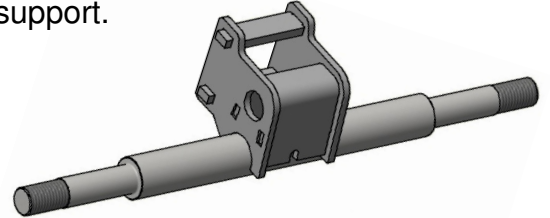
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Version 3 Coulter Axle:

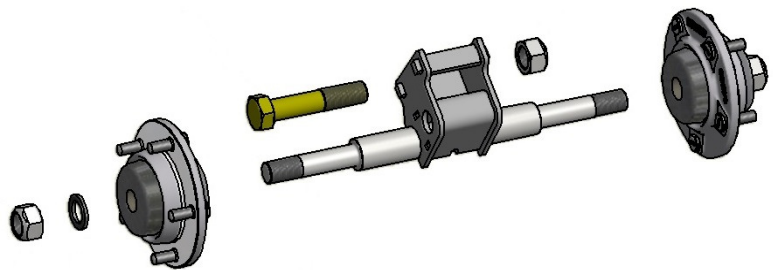
Features improved fabricated Version 3 axle assembly, this will reduce wear components by the removal of the need for spacers, and giving greater support.



27901 Coulter Axle Assembly – Version 3 - 260mm Double

27904 Coulter Axle Assembly – Version 3 – 300mm Double

27907 Coulter Axle Assembly – Version 3 – 381mm Double



27902 Coulter Hub & Axle Assembly - Version 3 – 260mm Double

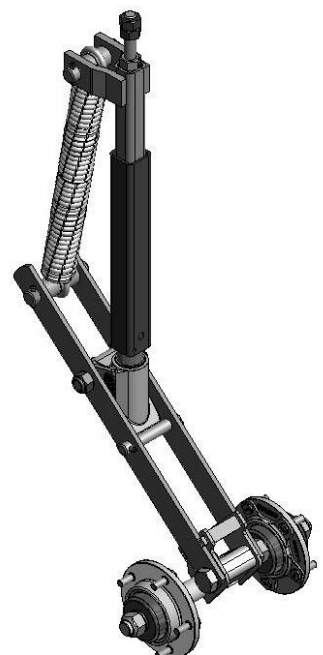
27905 Coulter Hub & Axle Assembly – Version 3 – 300mm Double

27908 Coulter Hub & Axle Assembly – Version 3 – 381mm Double

03694 Coulter Body & Hub Assembly – 300 Double - 5 Stud Hub

03693 Coulter Body & Hub Assembly – 260 Double - 5 Stud Hub

14710 Coulter Body & Hub Assembly – 381 Double – 5 Stud Hub



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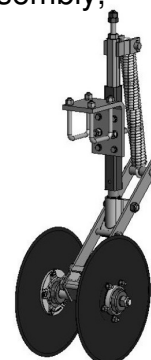
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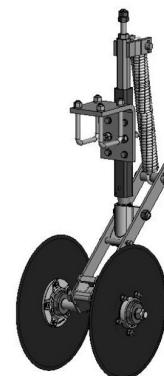
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Replacement coulter assemblies will be supplied with the Version 3 hub & axle assembly, and these part numbers will remain unchanged.

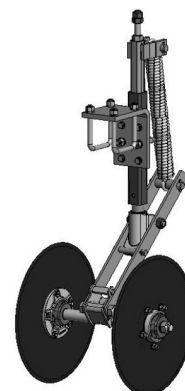
- 03662 Coulter Assembly - Double 260 - 180mm Bracket - Flat Disc - 5 Stud
- 03712 Coulter Assembly - Double 260 - 180mm Bracket - Ripple Disc - 5 Stud
- 03692 Coulter Assembly - Double 260 - 330mm Bracket - Flat Disc - 5 Stud
- 03715 Coulter Assembly - Double 260 - 330mm Bracket - Ripple Disc - 5 Stud



- 03661 Coulter Assembly - Double 300 - 180mm Bracket - Flat Disc - 5 Stud
- 03711 Coulter Assembly - Double 300 - 180mm Bracket - Ripple Disc - 5 Stud
- 03691 Coulter Assembly - Double 300 - 330mm Bracket - Flat Disc - 5 Stud
- 03714 Coulter Assembly - Double 300 - 330mm Bracket - Ripple Disc - 5 Stud



- 14542 Coulter Assembly - Double 381 - 180mm Bracket - Flat Disc - 5 Stud
- 03780 Coulter Assembly - Double 381 - 180mm Bracket - Ripple Disc - 5 Stud
- 03779 Coulter Assembly - Double 381 - 330mm Bracket - Flat Disc - 5 Stud
- 03781 Coulter Assembly - Double 381 - 330mm Bracket - Ripple Disc - 5 Stud



- 03660 Coulter Assembly - Single - 180mm Bracket - Flat Disc - 5 Stud
- 03710 Coulter Assembly - Single - 180mm Bracket - Ripple Disc - 5 Stud
- 03690 Coulter Assembly - Single - 330mm Bracket - Flat Disc - 5 Stud
- 03713 Coulter Assembly - Single - 330mm Bracket - Ripple Disc - 5 Stud



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Version 3 Coulter Conversions:

Version 2 to Version 3

For single coulter assemblies order the Version 3 coulter hub assembly, coulter disc, washers, and nuts.

For double coulter assemblies order the appropriate Version 3 coulter hub & axle assembly, coulter discs, washers, and nuts.

Version 1 to Version 3

For single coulters order the Version3 coulter hub assembly, coulter disc, washers, nuts, and coulter pin upgrade kit.

For double coulter assemblies order the appropriate Version 3 coulter hub & axle assembly, coulter discs, washers, nuts, and coulter pin upgrade kit.

Coulter hub & axle assemblies

- 27893 Coulter Hub Assembly Version 3
- 27902 Coulter Hub & Axle Assembly - Version 3 – 260mm Double
- 27905 Coulter Hub & Axle Assembly – Version 3 – 300mm Double
- 27908 Coulter Hub & Axle Assembly – Version 3 – 381mm Double

Coulter discs

- 12161 Coulter Disc - 460mm 18" - Flat - 5 Stud
- 12675 Coulter Disc - 460mm 18" - Ripple - 5 Stud

Coulter disc fasteners

- 09010 Washer Spring M12 ZP (5x required per disc)
- 09635 Nut M12 x1.5 Fine Thread ZP (5x required per disc)

Coulter pin upgrade kit used for widening the lower pins on version 1 coulter assemblies

- 03685 Coulter Pin Upgrade Kit

Carl Myers
Parts Manager

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