September 2021

aricks australia

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I was very wrong! In our last newsletter I suggested this was the year to put the Corona virus behind us, unfortunately it doesn't look promising ☹ Stay strong people and count the blessings we do have, not much more I can say on the subject.

It will get better

Excellence in Export & Employee of the Year Awards

We were lucky enough to be involved in the local Business Chamber Awards night recently and again won the Excellence in Export Category. This year we also had the bonus of one of our team winning Employee of the Year.

West and South Australians

Unfortunately, due to the current covid situation, we have not been able to undertake any onsite maintenance in SA or WA. We will continue to monitor the situation and make plans as necessary. Apologies to those who have expressed interest in our services, we will get in touch when we plan our travels

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THE IMPORTANCE OF DISC SEEDER MAINTENANCE

The importance of pre-season seeder maintenance is crucial for the result of proper germination and seed placement which requires high yields.

A poorly maintained disc seeder will leave you running out of time and costing you money. Mother Nature governs our window of opportunity and sometimes she is unpredictable, the last thing you want is to breakdown in the field at a critical moment.

Some of the things we look out for in a pre-season check on the JD Disc seeders, transport/frame wheel bearings need regular greasing and adjusting to have no side play. They should spin freely and quietly. Replace bearings if there is any noise (rumble) or resistance to rotate.

The disc and seed boot are where all the action happens. It is the heart of the disc seeder; they must be in top condition for the best results possible. As the disc wears the surface area/blade edge decreases and the wear rate increases, so starting on 17" will not get you through a season the way an 18" disc will.

When the discs wear below 17", rapid seed boot wear will also occur. When fitting the new disc, the bevel edge faces towards the seed boot. “Bevel to Boot”

The seed boot needs to be inspected for wear along the bottom outside edge. If the bottom edge is worn, seed can escape in the wrong direction and will sit on top of the soil. The inside face of the boot needs to be inspected for wear against the disc. This part wears thin and then breaks out causing the boots to plug in wet muddy conditions. Seed boots cost a lot more to replace than discs so that is something to bear in mind.

Check the seed boot for vertical play (up and down movement). The mounting bolt and opener holes may be worn or elongated, this will cause erratic seed placement and will be impossible to get consistent depth. The boot spring and tab also need to be evaluated as they too play a critical part in correct seed placement especially in the case of air seeders

The boot spring should hold the boot firmly against the disc blade. Pull the boot away from the disc and release, it should snap back against the blade and not bounce off or flop against the blade. Replace if the tension has been lost.

Disc hub, press, closing and gauge wheel bearings all need to be inspected and replaced, if any side movement is present.

Closing and Press Wheel Pivot Bushes should have free movement up and down with little side movement. If the bushes are stiff, this will prevent the press wheel doing its job of firming the seed into the base of the disc trench. If the closing wheel has too much side-to-side movement, it will not close the seed slot correctly, if at all.

The main pivot pin and bushes need to be inspected for side-to-side movement. When there is movement here, the seed slot becomes narrow and rapid boot wear and poor cutting will result, also it has been known to cause boot plugging in wet conditions.

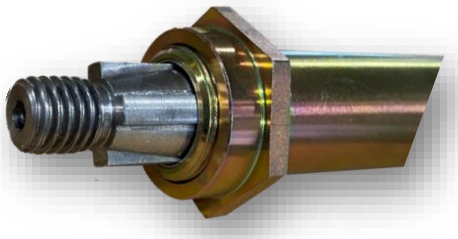
The depth adjusting "T's" and cover plates (slotted plate) need to show little signs or wear. Check the pins on the "T" Handles, as these will wear down and break off.

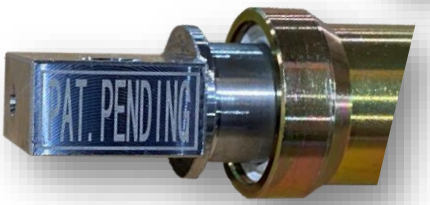
Lubricate the depth adjusting axle weekly to prevent it from seizing and tighten the bolt that holds the depth adjusting arm onto the axle. If this bolt becomes loose, rapid wear will occur in the fork jaws of the depth adjusting arm and precise loss of seed placement will occur

Does your Gauge wheel axle become seized?

Have you heard of our non greasing gauge wheel axles?

- patented design,
- splined arm connection,
- high tensile spindle incorporating self-lubricating bushes
- high tensile stainless-steel axle
- extremely effective and durable seal to keep the axle shaft dust free
- solid axle shaft attachment point – increased surface contact





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Seed Boot Replacement

When installing seed boots using our shouldered bolt and nut, we recommend the use of a thread locking compound such as Loctite 243, as pictured.

Exapta ninja seed tabs video

New Exapta stock just arrived

exapta solutions, inc.

20% STRONGER

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PART NO#	DESCRIPTION	PRICE EX GST	PRICE INC GST
DISC	18" DISC TO SUIT JOHN DEERE OPENER	$ 60.00	$ 66.00
ARICKSNG62	62mm NON GREASABLE BUSH SET FOR JD 90 SERIES OPENER PRESS WHEEL PIVOT	$ 65.00	$ 71.50
ARICKSNG86	86mm NON GREASABLE BUSH SET FOR JD 90 SERIES OPENER CLOSING WHEEL PIVOT	$ 65.00	$ 71.50
ARICKSMPB	ARICKS MAIN PIN AND BUSH KIT	$ 60.00	$ 66.00
SEEDBOOTL	BPR EXTENDED WEAR SEED BOOT LEFT	$ 175.00	$ 192.50
SEEDBOOTR	BPR EXTENDED WEAR SEED BOOT RIGHT	$ 175.00	$ 192.50
BOOT BOLT	BPR SHOULDERED BOLT	$ 10.00	$ 11.00
N284055	JD BOOT LEAF SPRING	$ 9.50	$ 10.45
AA050DA - RIGHT	ARICKS DEPTH ADJUSTMENT ARM/AXLE - RIGHT	$ 275.00	$ 302.50
AA051DA - LEFT	ARICKS DEPTH ADJUSTMENT ARM/AXLE - LEFT	$ 275.00	$ 302.50
MUDSMITH WHEEL 3	MUDSMITH GAUGE WHEEL 3 SPOKED 3"	$ 245.00	$ 269.50
MUDSMITH WHEEL 4.5	MUDSMITH GAUGE WHEEL 3 SPOKED 4 1/2"	$ 245.00	$ 269.50
AW001LHC / 002RHC	ARICKS WHEEL COMPLETE UNIT - LH & RH	$ 610.00	$ 671.00
AW001 / 002 - EXCEL	ARICKS WHEEL LEFT & RIGHT HAND - TO SUIT EXCEL	$ 670.00	$ 737.00
AW001 / 002 - ULTISOW	ARICKS WHEEL LEFT & RIGHT - TO SUIT ULTISOW	$ 670.00	$ 737.00
AA108R	ARM ASSEMBLY DEPTH ADJ RH	$ 85.00	$ 93.50
AA109L	ARM ASSEMBLY DEPTH ADJ LH	$ 85.00	$ 93.50
AA710	T HANDLE DEPTH ADJ	$ 30.00	$ 33.00
AA710HD	T HANDLE DEPTH ADJ HEAVY DUTY	$ 40.00	$ 44.00
AA120	ARICKS HEAVY DUTY COVER PLATE	$ 40.00	$ 44.00
AA241	ARICKS LARGE HUB TRIPLE LIP SEAL AND S/S SLEEVE	$ 20.00	$ 22.00
AA13294	ARICKS SMALL TRIPLE LIP HUB SEAL	$ 7.50	$ 8.25
AA5203	ARICKS GAUGE/CLOSING WHEEL BEARING	$ 20.00	$ 22.00
AA357	ARICKS PRESS WHEEL BEARING	$ 12.00	$ 13.20
AA306037	ARICKS DISC HUB TAPERED BEARING	$ 80.00	$ 88.00
AA024	ARICKS FLANGE LOCK NUT	$ 3.00	$ 3.30
AA1452	ARICKS CLOSING WHEEL WASHER	$ 1.50	$ 1.65
ARICKS20POINTCW	ARICKS 20 POINT CLOSING WHEEL	$ 120.00	$ 132.00
EXAPTADURALOK	EXAPTA DURALOK *price subject to change *	$ 85.00	$ 93.50
EXAPTALS	EXAPTA LEAF SPRING *price subject to change *	$ 9.50	$ 10.45
EXAPTA NINJA TAB	EXAPTA NINJA STRIP *price subject to change *	$ 9.50	$ 10.45

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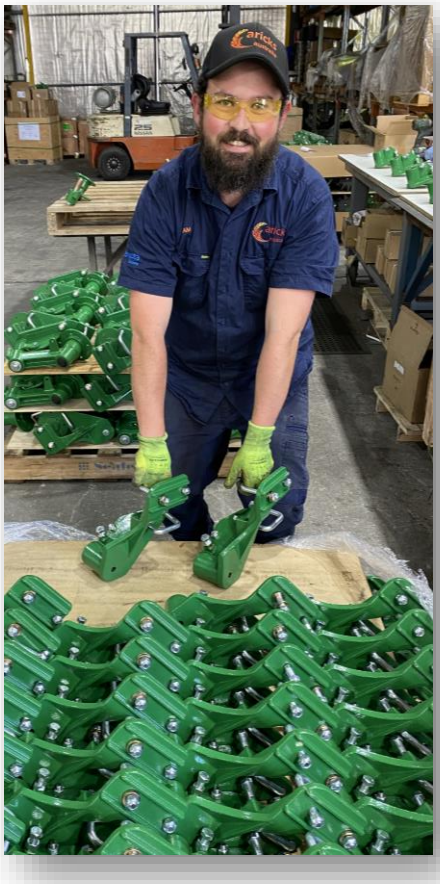


Meet Sam, a keen hunter, angler and mountain bike rider, Sam brings a level head and mature mind to our team. You may see Sam out in the field from time to time as he trains up on all things green disc seeder.

New YouTube video non-greasing axle system installation
(click this link)

Like us on Facebook

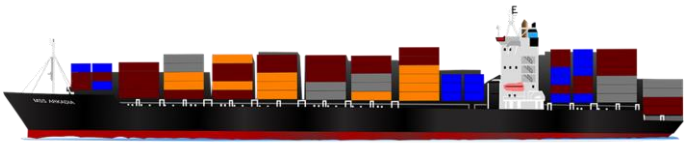
exapta solutions, inc.

Shipping Delays

These are unprecendented times with world wide container shortages like we have never seen before. Costs have skyrocketed by as much as 300% as companies fight to transport their goods.

We too have been affected by this shortage and find ourslves low of many parts that would normally have arrived months ago.

We ask for your patience and ensure you that we are doing everything we can to obtain our goods as quickly as we can.



Onsite Servicing

Our servicing schedule is growing year by year. Due to the good old **Corona virus**, we are way behind schedule and demand is high. If you are considering using our onsite maintenance services, we strongly encourage you to call as soon as you can. We perform this service all year round so don't wait till sowing season, book now.

"Get in early to avoid disappointment for disc seeder maintenance"

www.bprengineering.com.au info@bprengineering.com.au Ph: 02 6033 0744 Mob: 0418 587 486

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Parts Range

We are slowly increasing our aftermarket product range to help make your machine as reliable as we can. We don't intend to stop there either. If you have an issue with the longevity of a JD product on your 1590, 1890 or 1895, let us know and we will see if we can help.

We all get our fair share of unwanted emails and its annoying, so if you do not wish to receive our newsletter, please reply to our email with the words UNSUBSCRIBE.