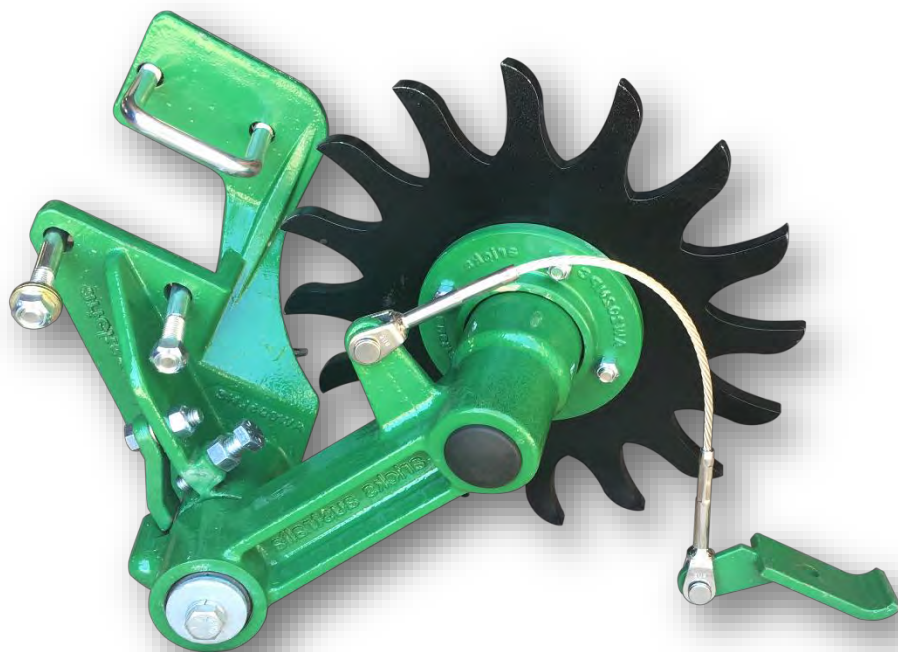


# Owners Manual – Installation Guide



**Innovation Patent 2008100515**

# Owners Manual – Installation Guide

## Safety & Commonsense

This Owners manual has been designed to assist the purchaser in the installation of the Aricks Wheel and ensure correct fitting and placement of the components in relation to the equipment it is being installed upon.

It is the purchasers' responsibility to ensure that all hardware is tightened and fitted correctly before commencement of operation. After initial use all fittings should again be checked for correct placement and tension. Carrying out regular maintenance on your equipment will ensure correct & efficient operation for many years to come. Safety and common sense should prevail when equipment is in use, i.e. stay well clear of any moving parts or machinery. Correct lifting techniques should be employed when moving any object of considerable weight.

Wire, bindweed, wild buckwheat, string and other rubbish can become entangled in your wheels. The wheels are intended to move stubble and stubble residue only! Not suitable for use on very rough fields and surfaces that contain large rocks. Speed is a critical factor to ensure minimal soil throw and correct seed placement occurs as well as preventing damage to your equipment (higher operating speeds will cause farther trash throw). We recommend ideal operating speeds between 6 – 8 mph. (situation dependent)

## Technical Support:

Aricks Australia (AUS) +61 260330744

Colin Wemyss (AUS) +61 418 587 486

[Info@bprengineering.com.au](mailto:Info@bprengineering.com.au) (AUS)

Exapta (USA) 785 820 8000

[sales@exapta.com](mailto:sales@exapta.com) (USA)

## Left or Right-Hand Wheels?

To distinguish between left or right-hand wheels, when standing behind the machine (facing direction of travel) the units marked LH will be on the left side of the drill. The wheel/unit pictured adjacent is a left-hand unit. All units have either LH or RH stamped on the body following the part number.

Left hand row unit  
& row cleaner →



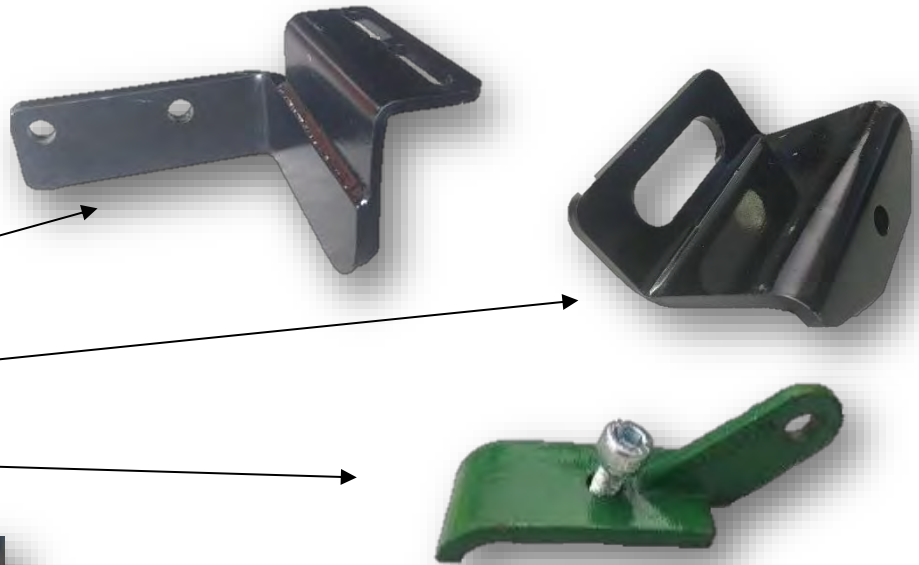
# Owners Manual – Installation Guide

## Brackets (Air drills only)

'L' Bracket

'Z' Bracket

Cable Bracket



Close up view of 'U' Bolts above.

Re-check 'U' bolt tension after initial use.



Installed Aricks Wheel left hand side. Note the position of the 'L' bracket at left of photo.

Install 'L' bracket using the 2 existing frame hinge bolts as shown

Right Close up view of 'L' Bracket Position.





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(Air Drills Only)

Cable bracket, is secured using a M10 bolt supplied (10 mm Bolt). Note the frame must be drilled and tapped to suit. Drill 8.5mm, tap M10 x 1.5.

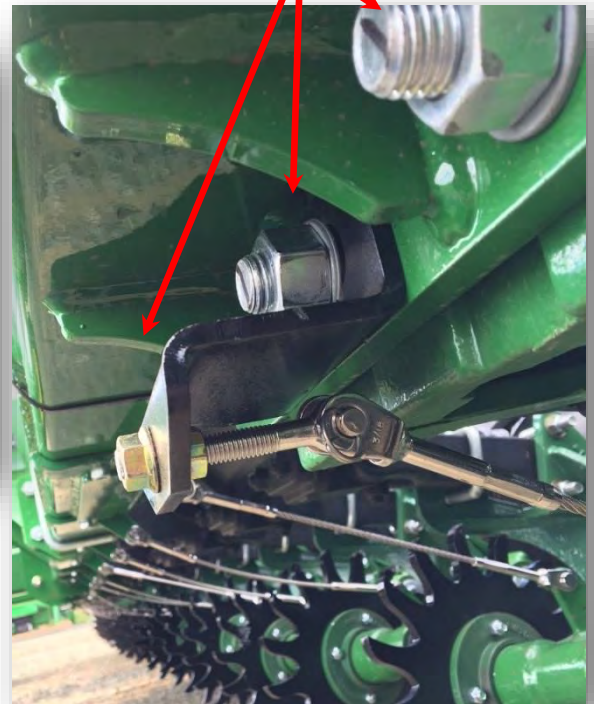
'Z' Bracket position. Any of the three existing bolts (third bolt not visible), at the cylinder mount points on the bar, may be used for alignment purposes. (Air Drills only) Remove excess thread length to avoid injury.

Frame rolled edge,  
Note the position of the  
bracket in relation to the  
rolled edge of the frame)

Position the cable mount  
directly in front of the  
mounting pivot of the  
main arm



Locked or  
travel  
position



When tightening the 'U' bolts make sure the disc is in the fully retracted position (lifted in travel position) as shown left and the Aricks wheel is locked in the travel position (see photos, left & above left).

Ensure the body of the residue manager is at the extreme front of the recessed section of opener arm (see right) and remains so whilst tightening the 'U' bolts evenly.

Note: The cable is not a depth adjustment but merely a means of lifting the residue managers in conjunction with the discs.

Avoid having the lifting cable too taut by moving the aricks wheel body forward when tightening.



# Owners Manual – Installation Guide



Photo at left is of the Aricks wheel in the unlocked or engaged position.

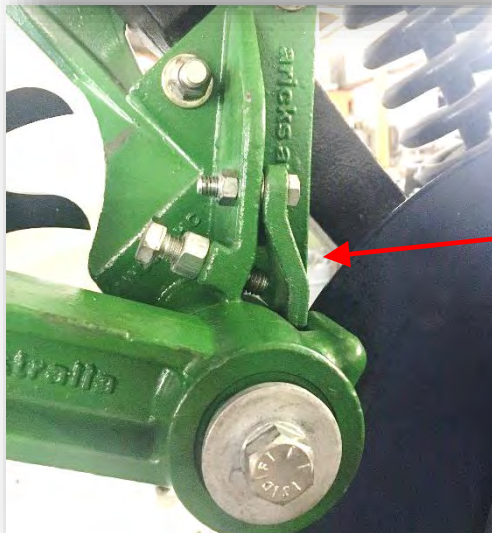


Photo at left is of the Aricks wheel in the locked or travel position.

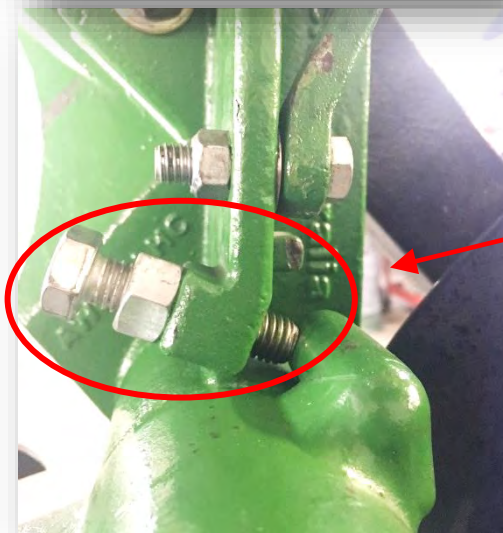


Photo at left is of the depth adjusting bolt (see arrow). By tightening the bolt, (adjusting inwards), the depth of the wheel contact with the soil decreases.

**Adjust to own soil conditions so that the wheel only penetrates to a maximum depth of 3/8" or less. The idea is to move residue not soil.**



# Owners Manual – Installation Guide

## Instruction for fitting Lifting Bars onto Box Drill

Remove front bolt only from undercarriage mounts as highlighted in below photo. Use these holes to locate the lifting bar into position with  $\frac{3}{4}$  x 2  $\frac{3}{4}$  “ bolt (supplied).

!!! Note under no circumstance remove both bolts.



Pictured above is a 20ft JD 1590 Box drill with our end tow option Fitted.

FL, stamped in bar.  
(FL front left)  
(BL back left)

For more information on our products visit our website at  
[www.bprengineering.com.au](http://www.bprengineering.com.au)

Technical Support: Aricks Australia (AUS) +61 260330744  
Colin Wemyss (AUS) +61 418 587 486  
[info@bprengineering.com.au](mailto:info@bprengineering.com.au) (AUS)  
Exapta (USA) 785 820 8000 [sales@exapta.com](mailto:sales@exapta.com) (USA)

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PART NO	ITEM NUMBER	Retail Description	QTY
1L	AW006LLC	ARICKS STAND-OFF BRACKET/CAST BODY LEFT HAND	1
1R	AW006RHC	ARICKS STAND-OFF BRACKET/CAST BODY RIGHT HAND	1
2	AW023W	ARICKS WHEEL STEEL WASHER	1
3	AW023B	ARICKS WHEEL BEARING	1
4	AW023S	ARICKS WHEEL SEAL THERON LIP	1
5	AW023C	ARICKS WHEEL INT CHICKLE 60mm	1
6	AW023HC	ARICKS WHEEL HUB PLATE HEAVY DUTY	1
7	AW011WBOL-T	ARICKS WHEEL DISC 4 BOLT	4
8	AW011GB	ARICKS 1/2" X 1" PIVOT BOLT	2
9	AW039GE	ARICKS WHEEL 20S THERON LINE BUSH	2
10	AW022S	ARICKS WHEEL INTERNAL SPACER	1
11	AW027W	ARICKS WHEEL GAL WASHER 1/2" X 1 3/4" X 1/4"	1
12	AW028W	ARICKS WHEEL 1/2" SPRING WASHER	1
13	AW040P	ARICKS WHEEL STAINLESS STEEL STEPPED PH	1
14	AW021LLC	ARICKS WHEEL LOCKING LATCH	1
15	AW023B	ARICKS WHEEL 7/16" X 1 1/2" BOLT	1
16	AW031N	ARICKS WHEEL 7/16" CONELOCK NUT	1
17	AW003LW	ARICKS WHEEL SS WASHER 7/16"	1
18L	AW001LHC	ARICKS WHEEL ARM LEFT HAND HEAVY DUTY	1
18R	AW001RHC	ARICKS WHEEL ARM RIGHT HAND HEAVY DUTY	1
19	AW0039N	ARICKS U BOLT	2
20	AW015UB	ARICKS U BOLT	2
21	AW003SB	ARICKS WHEEL 3/8" X 1 1/4" DISC BOLT	4
22	AW014PC	ARICKS WHEEL PLASTIC CAP	4
23	AW0034N	ARICKS WHEEL 3/8" CONELOCK NUT	4
24	AW0039W	ARICKS WHEEL 1/2" HT WASHER	4
25	AW0039V	ARICKS WHEEL 1/2" WASHER	1
26	AW0037N	ARICKS WHEEL 1/2" CONELOCK NUT	4
27	AW0038B	ARICKS WHEEL 1/2" X 2" BOLT	1
28	AW0028B	ARICKS WHEEL 1/2" X 1 1/2" BOLT	1

NOTE: PLEASE NOTE THAT PART NO 1R - ARICKS ARM IS SHOWN IN 180 DEGREE AND DOWN POSITION FOR EASE OF INSTALLATION. THE ACTUAL ASSEMBLY POSITION IS 180 DEGREES ROTATED. THE ASSEMBLY OF THE ARM AND COMPONENTS NEEDS TO BE CARRIED OUT IN ACTUAL ASSEMBLY POSITION IS 180 DEGREE REVERSE TO AS SHOWN IN THIS DRAWING. PLEASE REFER TO THE INSTALLATION INSTRUCTIONS AND SPEAK WITH OUR FRIENDLY SALES AND SERVICE PERSON BY CONTACTING ARICKS AUSTRALIA ON DETAILS BELOW.  
PH-02-6023 0744  
info@springengineering.com.au

**REF. DRG. NO** ABN 40 096 758 534

**TITLE** ARICKS WHEEL

**SHEET** 1 OF 2

**DATE** 11/07/18

**SCALE** 1:10

**PROJECTION** First Angle

**File Name** Part No. AW001LHC\AW0023RHC

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