

# *Simplify Direct Pin Attachment Changes*

*with the excavator  
and backhoe*

# *Align Attach* <sup>TM</sup> *Patent Pending*

## *The First (and only) Quick Coupler Alternative*



**Maintain high breakout force,  
maintain high lift capacity,  
maintain hydraulic system integrity,  
save money.....**



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# The AlignAttach™

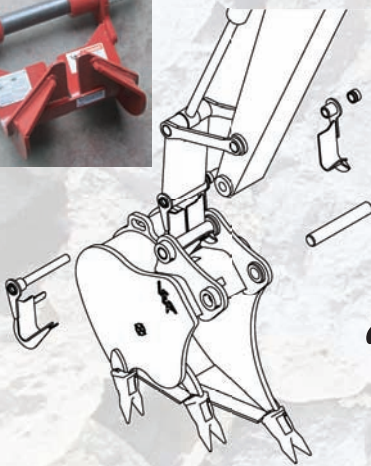
## What does it do for me?

The AlignAttach allows the change of excavator or backhoe attachments without the use of an expensive coupler, or coupler hydraulics by:

- 1) saving time, compared to manually changing attachments
- 2) maintaining high breakout force, compared to using a coupler.
- 3) reducing cycle time and fuel compared to using a coupler.
- 4) eliminating the risk of coupler circuit hydraulic contaminants.

## How does it do this?

- 1) The AlignAttach helps to easily align the linkage pins.
- 2) There is no increased tip radius that would cause force reduction.
- 3) There is no added coupler weight added to the linkage.
- 4) There is no need for an added hydraulic circuit.



## Why should I believe that it works?

The AlignAttach is a tool that is only used when changing attachments, eliminating the need for a coupler, and thus eliminating the cost and problems associated with couplers.



### AlignAttach™ Procedure

(for easily changing an excavator or backhoe attachment)



scan the QR reader code to see webpage and video

**Step 1:** The first attachment is positioned so that its center of gravity (CG) is below the stick pivot and the link pin is slid out and inserted back into the attachment link bore with no link. The AlignAttach is connected to the bore of the free link end with the hook positioned around the link pin. The bucket cylinder is retracted until the CG is directly below the link with the link vertical, and the stick pin is removed.

**Step 2:** The attachment is lowered and unhooked. After link pin is moved from the first attachment to the second, the link pin is hooked and the second attachment is positioned so that the stick bosses are near the stick end. The stick is connected to the second attachment by swinging it by hand, into an easy pin insertion position.

**Step 3:** The AlignAttach is removed, and the link end is then repositioned to be close to the attachment link bosses. The link pin is then easily inserted by swinging the attachment by hand, aligning the pin locking bolt, and securing with the nut.

The procedure is complete!

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