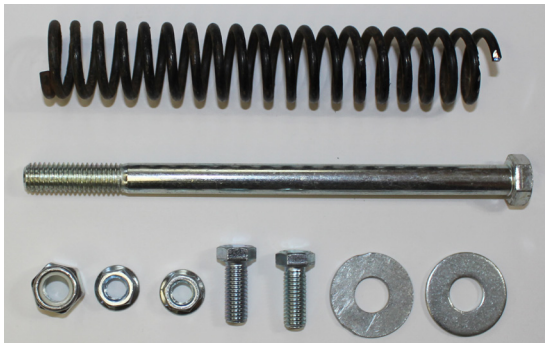


HALF-CAM MOUNTING INSTRUCTIONS

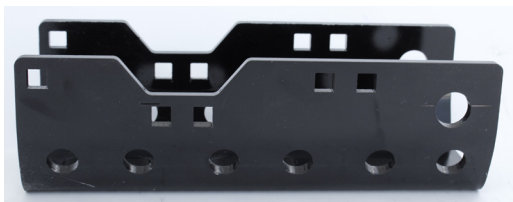
Installing the Half-Cam Closing System on 4-Link* Tail Section

Before you begin, verify all kit package contents:

*** Only works on the cast back 4-Link Closer**



6" Chicken Tracker shown
optional are:
4" Chicken Tracker or
6" rubber press tire



Half-Cam Pivot Kit Package Contents : HALF-CAM	
Qty	Item
1	Half-Cam Bracket
1	3/4" x 5" Bolt
2	3/4" Washer
1	3/4" Nylon Lock Nut
2	Black Bushing
Staked assembly includes:	
1	1/2" x 8" Bolt
2	1/2" Washer
1	1/2" Nylon Lock Nut
1	Spring
1	Spring Bracket
2	3/8" x 1" Hex Bolt
2	3/8" Whiz Nut

Half-Cam Press Wheel Kit Package Contents : YCAM-PWK	
Qty	Item
1	5/8" x 10" Press Wheel Bolt
1	5/8" Whiz Nut
2	5/8" Adjusting Washer
2	1" x 3" Wheel Bushing
Optional Press Wheel (sold separately)	
1	— 4" Chicken Tracker or — 6" Chicken Tracker or — 6" Rubber Press Tire

Half-Cam V Closing Wheel Bracket Kit Package Contents : 4LCV3	
Qty	Item
1	Extended V Closing Wheel Bracket 4LCV3
2	5/8" x 3-1/2" Bolt
2	5/8" Lock Nut
4	1/2" Spacer
4	1/4" Spacer
4	3/8" x 1" Hex Bolt
4	3/8" Whiz Nut
Optional Closing Wheel (sold separately)	
2	— cast Mohawk Wheel or — cast Zipper Wheel or — Mohawk Max Wheel or — Zipper Max Wheel

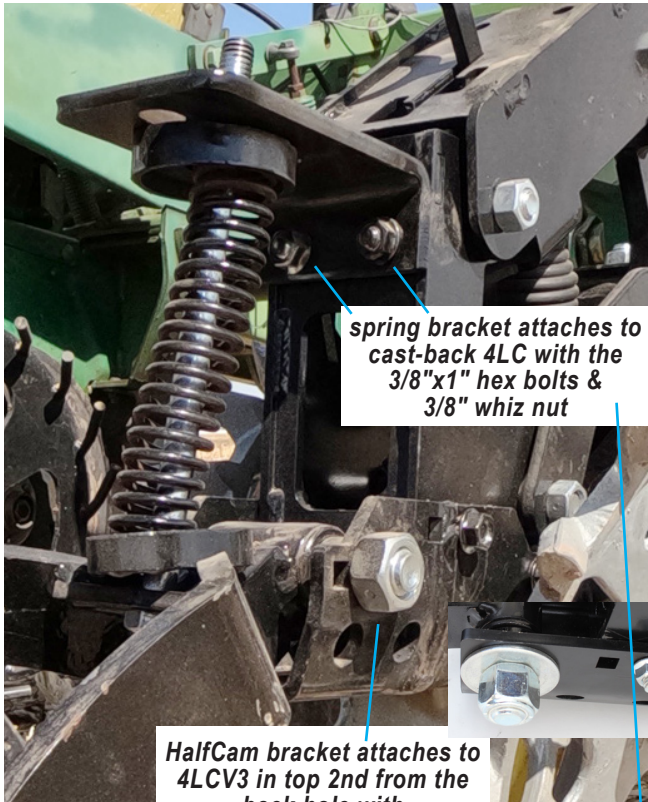
HALF-CAM MOUNTING INSTRUCTIONS

Installing the Half-Cam Closing System on 4-Link* Tail Section

INSTALLING THE HALF-CAM PIVOT KIT

For easier installation, install the Pivot Kit before installing the Closing Wheels Kit.

Half-Cam Pivot Kit	
Package Contents used in this section	
Qty	Item
1	Half-Cam Bracket
1	3/4" x 5" Bolt
2	3/4" Washer
1	3/4" Nylon Lock Nut
2	Black Bushing
Staked assembly includes:	
1	1/2" x 8" Bolt
2	1/2" Washer
1	1/2" Nylon Lock Nut
1	Spring
1	Spring Bracket
2	3/8" x 1" Hex Bolt
2	3/8" Whiz Nut



spring bracket attaches to cast-back 4LC with the 3/8"x1" hex bolts & 3/8" whiz nut

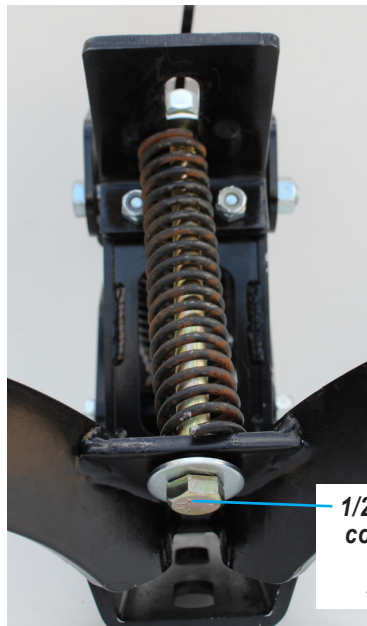
The 3/8" x 1" hex bolts will thread outwards from inside the 4LC unit.



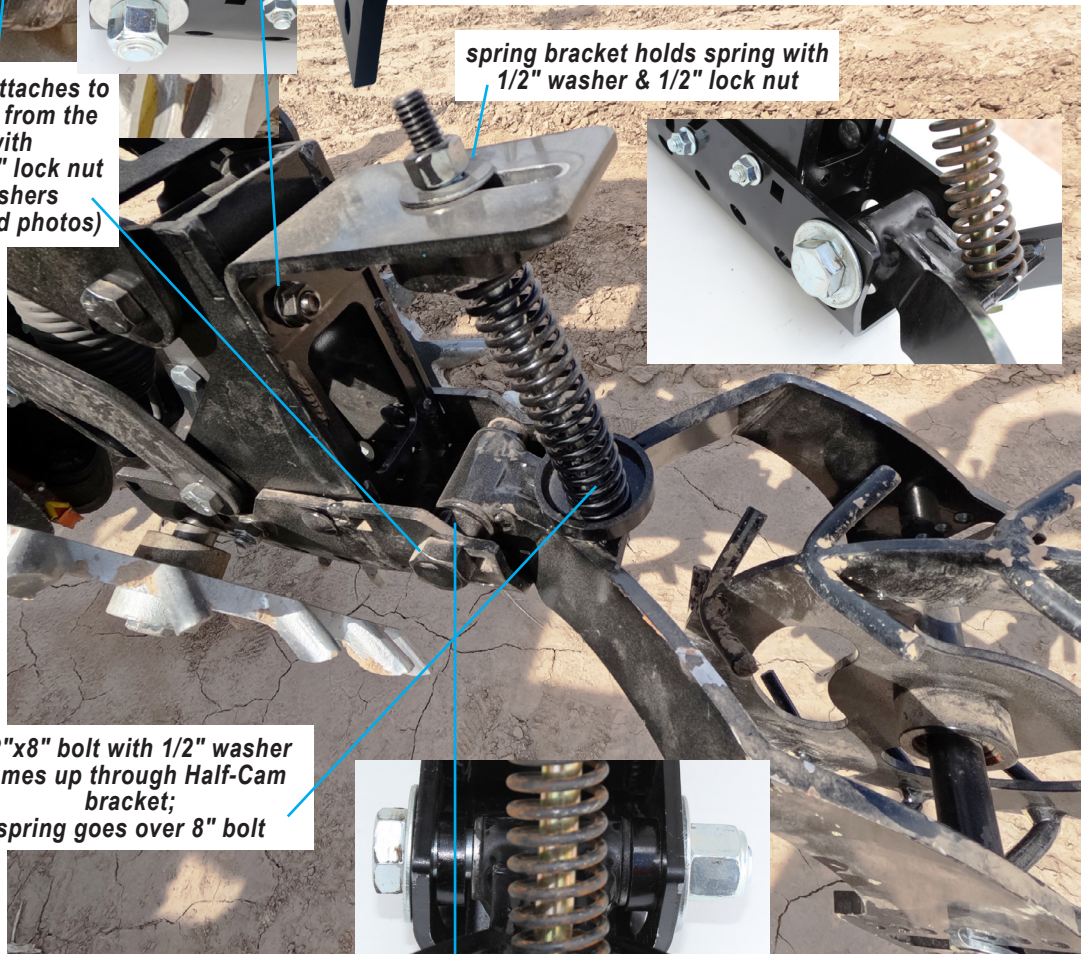
new style shorter slotted spring bracket

HalfCam bracket attaches to 4LCV3 in top 2nd from the back hole with 3/4"x5" bolt & 3/4" lock nut & two 3/4" washers (not shown in field photos)

spring bracket holds spring with 1/2" washer & 1/2" lock nut



1/2"x8" bolt with 1/2" washer comes up through Half-Cam bracket; spring goes over 8" bolt



3/4"x5" Bolt → 3/4" Washer → 4LCV3 → Black Bushing → HalfCam → Black Bushing → 4LCV3 → 3/4" Washer → 3/4" Lock Nut

HALF-CAM MOUNTING INSTRUCTIONS

Installing the Half-Cam Closing System on 4-Link* Tail Section

INSTALLING THE V BRACKET & CLOSING WHEELS

STEP #1:

Line the 4LCV3 extended V closing wheel bracket up over the bottom of the 4-Link Closer. Secure in place with the four 3/8" x1" hex bolts.

For easiest installation, have the bolt head on the inside of the 4LC, and thread the four 3/8" whiz nuts on from the outside.



underneath the 4LC & extended V bracket



final assembly

STEP #2:

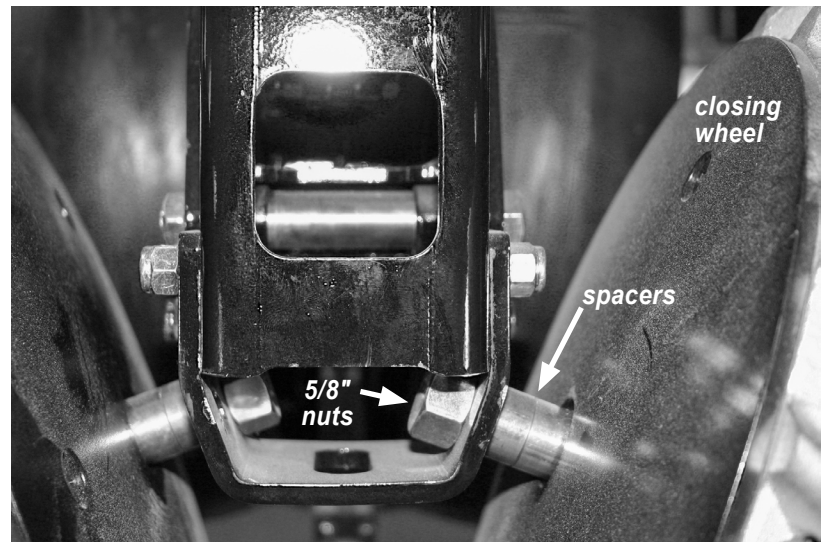
Using the two 5/8" x 3-1/2" wheel bolts and 5/8" lock nuts, mount your closing wheels to the bottom of the 4LCV3 mounting bracket.

The wheels can be offset by placing one in the front hole and the other in the second from the front hole.

Have the bolt head on the outside of the wheel, and thread the nut on the inside of the mounting bracket.

Use 1/4" and 1/2" spacers on the inside of each wheel as needed.

See MOHAWK/ZIPPER TROUBLESHOOTING : SETTING THE WHEEL DISTANCE for more information on how far apart the closing wheels should be spaced. Make sure you refer to the proper instructions for your type of wheels.



Half-Cam V Closing Wheel Bracket Kit	
Package Contents used in this section	
Qty	Item
1	Extended V Closing Wheel Bracket 4LCV3
2	5/8" x 3-1/2" Bolt
2	5/8" Lock Nut
4	1/2" Spacer
4	1/4" Spacer
4	3/8" x 1" Hex Bolt
4	3/8" Whiz Nut
Optional Closing Wheel (sold separately)	
2	— cast Mohawk Wheel or — cast Zipper Wheel or — Mohawk Max Wheel or — Zipper Max Wheel

See Mohawk/Zipper Troubleshooting : Setting Your Wheel Distance

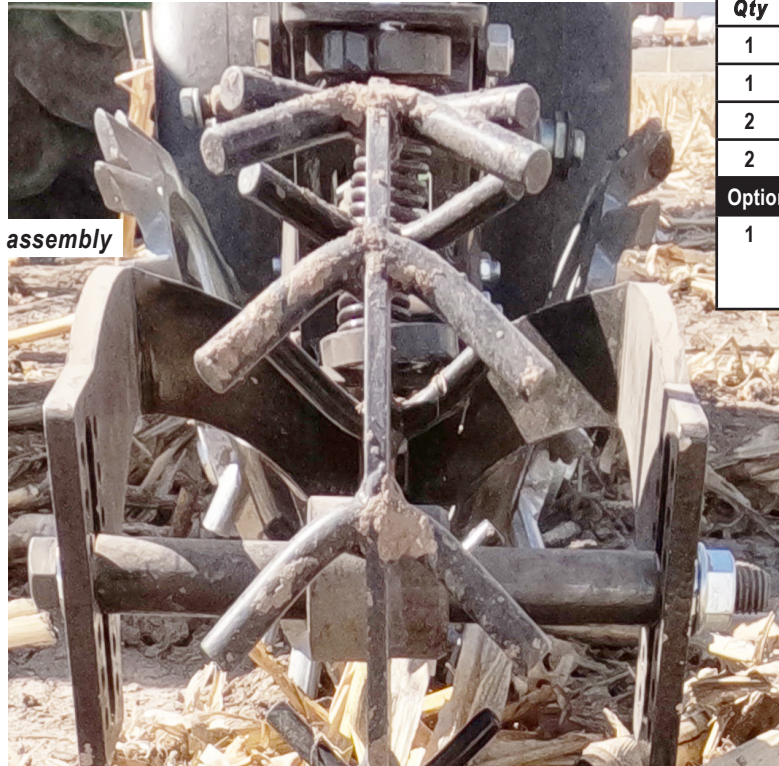
HALF-CAM MOUNTING INSTRUCTIONS

Installing the Half-Cam Closing System on 4-Link* Tail Section

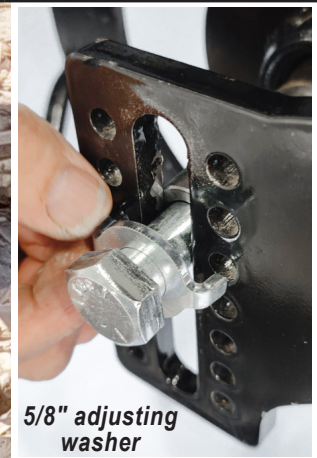


final assembly

INSTALLING THE PRESS WHEEL KIT



Half-Cam Press Wheel Kit	
Package Contents used in this section	
Qty	Item
1	5/8" x 10" Press Wheel Bolt
1	5/8" Whiz Nut
2	5/8" Adjusting Washer
2	1" x 3" Wheel Bushing
Optional Press Wheel (sold separately)	
1	— 4" Chicken Tracker or — 6" Chicken Tracker or — 6" Rubber Press Tire



5/8" adjusting washer

→ 10" Bolt ← [Adjust Washer → HalfCam → 3" Bushing → Press Wheel → 3" Bushing → HalfCam → Adjust Washer → Nut]

PRESS WHEEL ADJUSTMENT

The 5/8" X 10" press wheel bolt and vertical adjust washers on the outside of the Half-Cam arms can be moved up and down to set the depth of the press wheel.

The washers on the outside of the Half-Cam brackets let you loosen the bolt and pull each washer out of the small holes as they have ends sticking out on them to change depth.

This lets you change the depth without taking the 5/8" bolt completely out of the closing wheel.

They are called easy adjust washers with little nubs sticking out (one on each side of the washer) so you can loosen the nut and slide the bolt out a little and then move the washer to another hole up or down and then go to the opposite side and pull that washer out so it also can be moved up or down to keep it level with the opposite side.



Good beginning depth settings:
4th hole from top (middle hole)



set depth to run level in ground