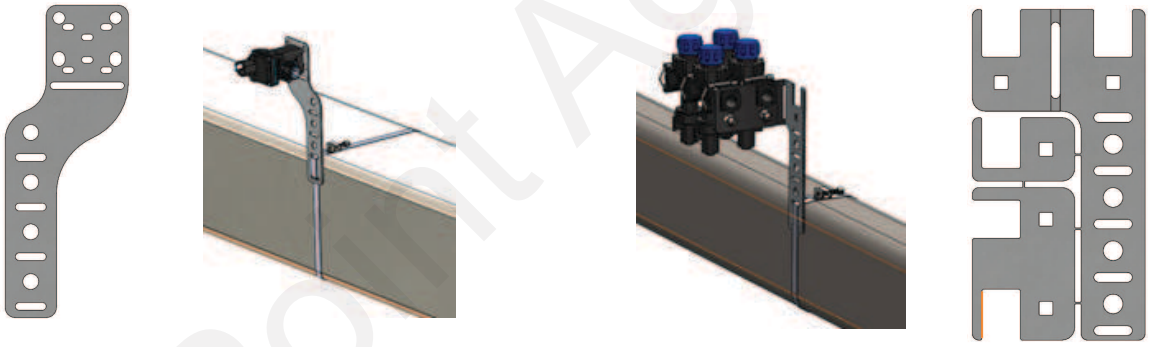
SurePoint™
Ag Systems



Wraplock Mounting System

Dual Check, Zip, & Row Control Valves Directly to Toolbar

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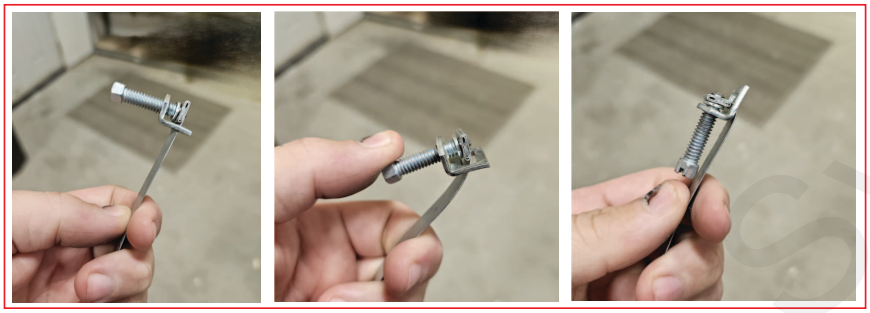
1. Wraplock Mounting System

The SurePoint Ag Systems Ideal Band Wraplock is a minimalist and simple design to mount Wilger Dual Check Valves, ZIP Valves, and Sentinel Row Control Valves directly to implement toolbars to offer producers maximized availability and stability in operation and maintenance. This guide includes step by step instructions to properly install and implement this product.

Steps for Installation

1. **Figure 1.**



Take the wraplock band and fold the tightening mechanism back along the bend, then loosen the mechanism fully.

2. **Figure 2.**

Bend the Wraplock around the toolbar and through the valve mounting bracket, If given extra material, you can optionally feed the band through a slot on the bracket again to maximize security.

3. **Figure 3.**

Fix the Wraplock in the desired location, ensuring it is not on or near the toolbar's edge.

IMPORTANT
Leave the Wraplock very loose, leaving plenty of slack. Put the tightening mechanism in a convenient location for direct access to tighten/untighten the band when needed

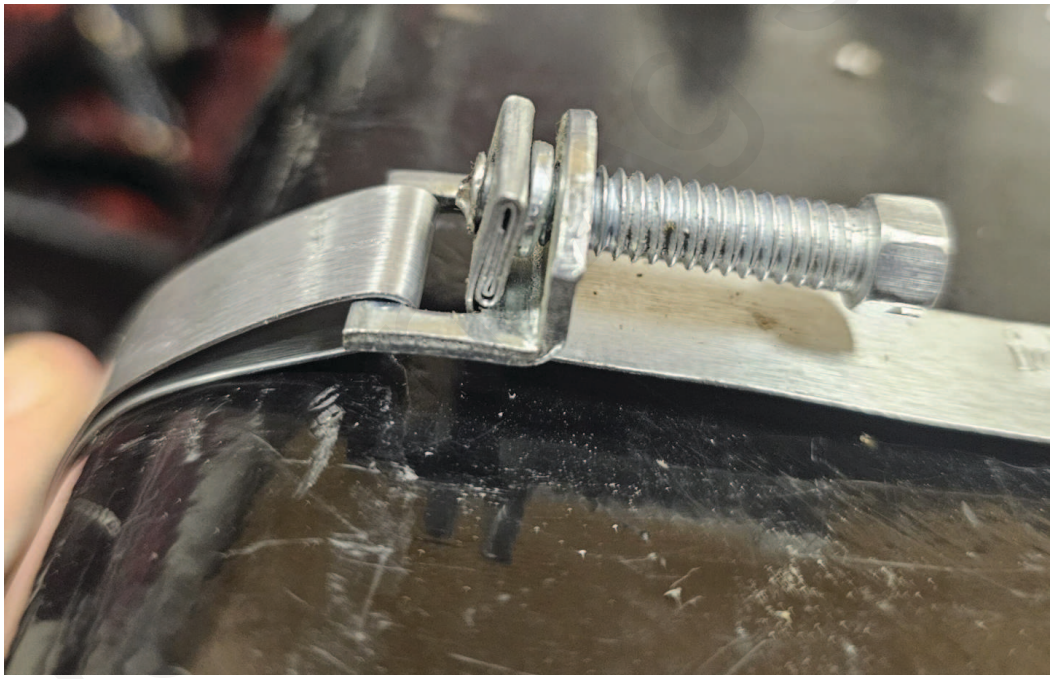
4. **Figure 4.**

Holding the tightening mechanism in place and form the band around the bar, pre-bend the band at the corners and remove any excess band when forming the band

5. **Figure 5.**

Pass the end of the band back through the slot on the tightening mechanism, smoothing any excess band out of the loop.

6. **Figure 6.**



Once satisfied with the results of the Wraplock mounting and tightness, wrap the band back OVER the tightening mechanism slot, 180°.

7. With a **5/16" Nut Driver,** or other appropriate tool, tighten the mechanism to **15 - 20 in- lb,** ensuring this limit **IS NOT EXCEEDED.** While tightening the wraplock, move the bracket back and forth towards the tightening mechanism to remove any slack in the band.

> **NOTICE**
> Do not overtighten! These have a torque limit of 15-20 in-lb.

8. After mounting, be sure to trim any excess band, leaving 2-3 inches beyond the mechanism

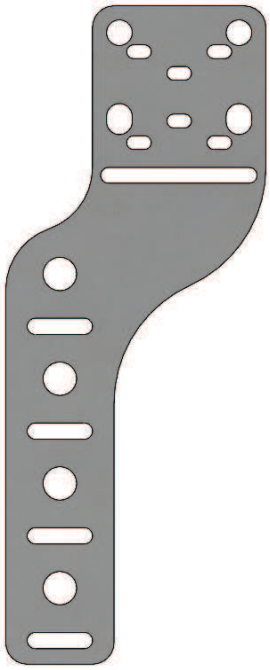
- Alternatively, the excess band may be tucked under the tightening mechanism, leaving a loop instead of a sharp end.

NOTE
In order to get the bracket tight, remove the maximum amount of slack from the band before kinking the free end across the mechanism. Once the free end has been kinked across the bar of the tightening mechanism, it can be difficult to get additional slack out of the strap.

2. Zip & Row Control Valve

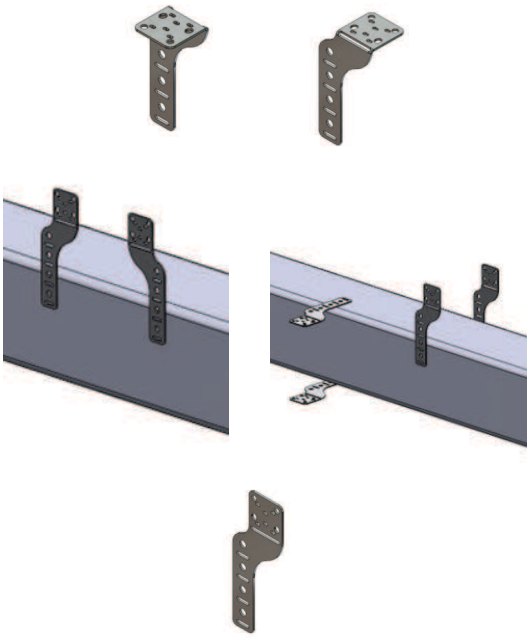
This bracket is compatible with the ZIP Valves and Row Control Stepper Valves and offers many different configurations to fit the users needs. The bracket can be mounted to any face of the toolbar using the wraplock band. In addition to the slots for the wraplock band, there are multiple accessory holes that can be utilized if alternative bolting locations are available or preferred.

Figure 7. Zip/Row Control Valve Bracket



The bracket comes flat but can oriented in several configurations

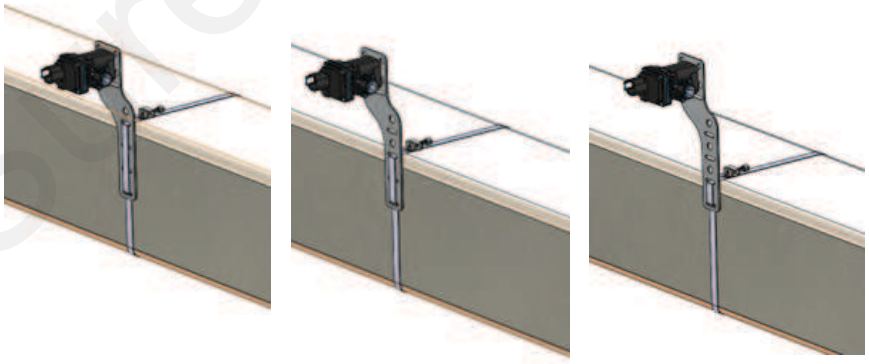
Figure 8. Mounting bracket to toolbar



The bracket can be mounted in multiple orientations on the toolbar like shown above. This bracket can be hand-bent, up to 90 degrees, in either direction.

NOTE
Once the bracket is bent, do not bend back, or attempt to bend in the opposite direction. It is subject to weakening or breaking and is intended to be bent one time only.

Figure 9. Select Installation Height



Select installation height by choosing which slots the band is fed through on the bracket.

NOTE
A lower mount provides more stability, but higher mounts may be necessary to clear obstacles.

Figure 10. Single Row/Product Zip Valve Configurations

Examples of different orientations to mount single row/product zip valves using the bracket and supplied hardware.

Figure 11. Single Row/Product Sentinel Row Control Valve Configurations

Examples of different orientations to mount single row/product Sentinel row control valves using the bracket and supplied hardware.

Figure 12. Dual Row/Product Sentinel Row Control Valve Configurations

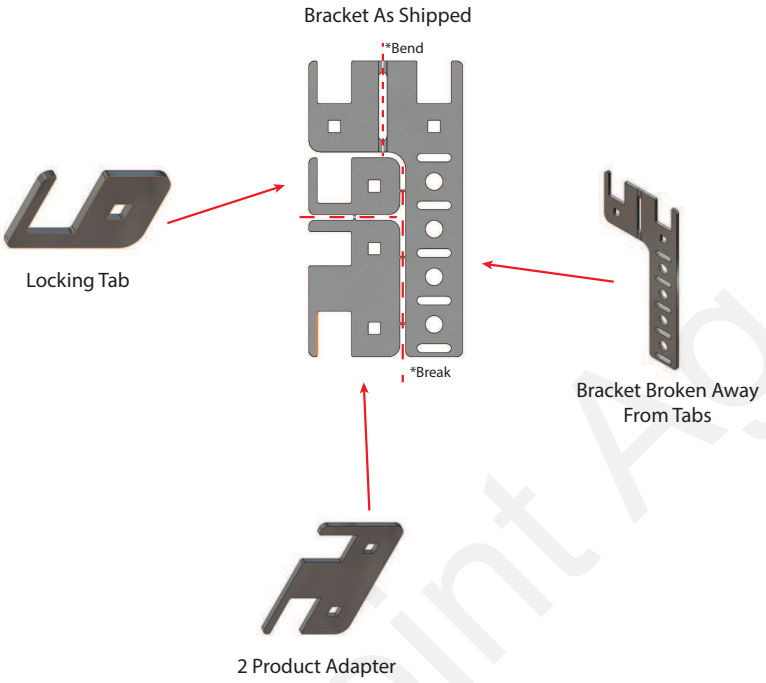
Examples of different orientations to mount two Sentinel row control valves using the bracket and supplied hardware.

3. Dual Check Valve

This bracket is compatible with the Wilger Dual Check Valves when mounted directly to a toolbar and offers many different configurations to fit the users needs. The bracket can be mounted to the any face of the toolbar using the wraplock band. In addition to the slots for the wraplock band, there are multiple accessory holes that can be utilized if alternative bolting locations are available or preferred.

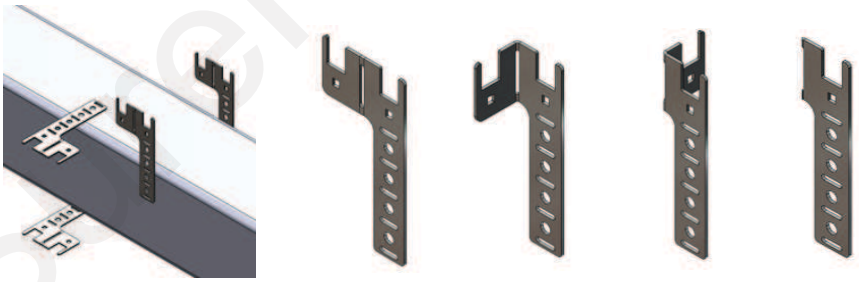
The tabs can be broken by bending at the small tabs to break apart the bracket into three different components: Locking Tab, 2 Product Adapter, and the Primary Bracket.

Figure 13. Dual Check Valve Bracket



The bracket is comprised of three components once broken apart.

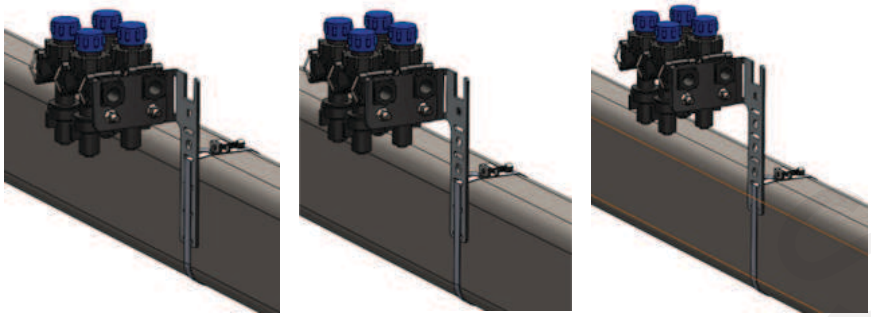
Figure 14. Mounting bracket to toolbar



The bracket can be mounted in multiple orientations on the toolbar like shown above. Note that the bracket can be hand-bent, up to 90 degrees, in either direction.

NOTE
Once the bracket is bent, do not bend back, or attempt to bend in the opposite direction. It is subject to weakening or breaking and is intended to be bent one time only.

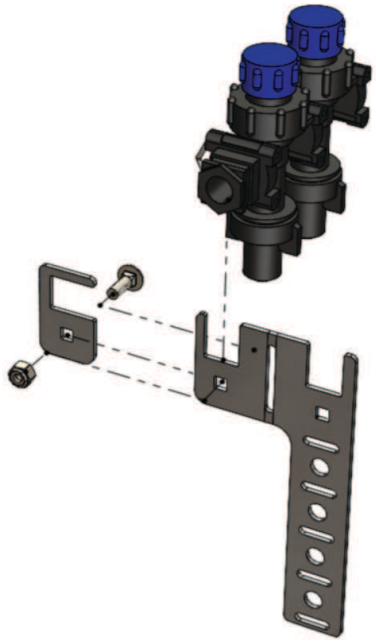
Figure 15. Select Installation Height



Select installation height by choosing which slots the band is fed through on the bracket.

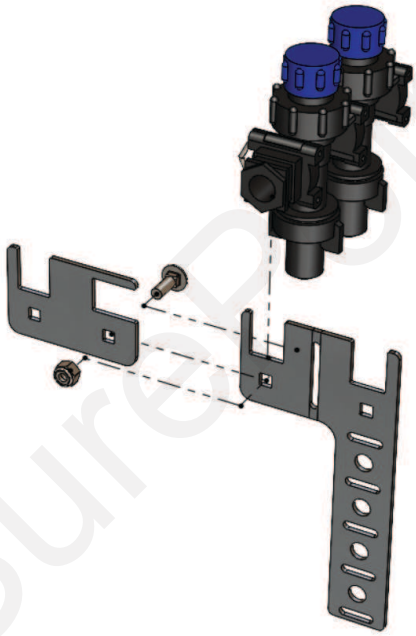
NOTE
A lower mount provides more stability, but higher mounts may be necessary to clear obstacles.

Figure 16. 1 Row/Product Assembly



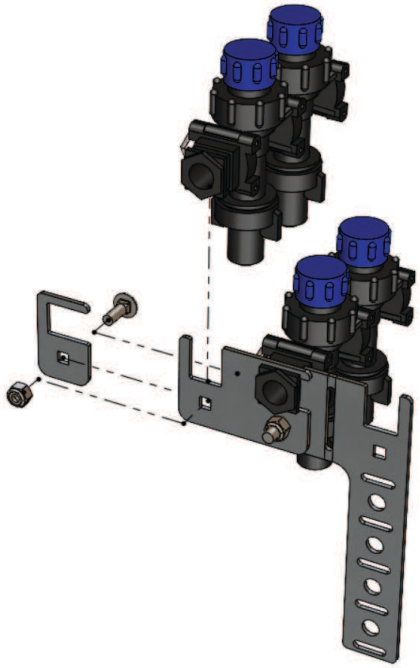
Use supplied hardware and locking tab to assemble as illustrated

Figure 17. 2 Row/Product, First Row/Product



Use supplied hardware and 2 product adapter to assemble the first product on a dual product assembly as illustrated.

Figure 18. 2 Row/Product, Second Row/Product

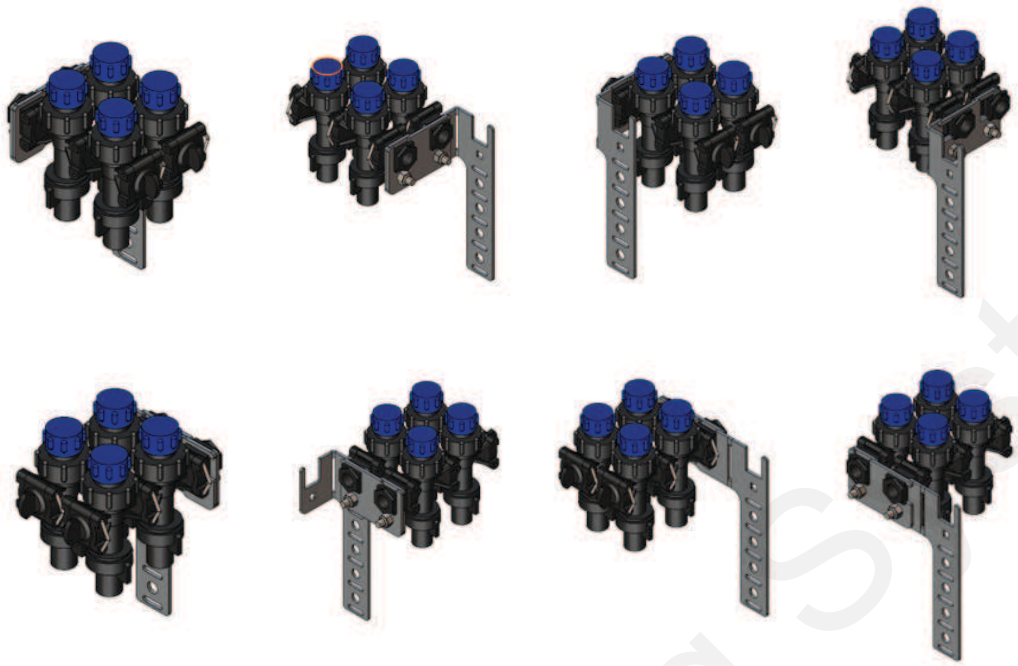


Use supplied hardware and locking tab to assemble the second product on a dual product assembly as illustrated.

Figure 19. Single Row/Product Configurations

Examples of different orientations to mount single row/product dual check valves using the bracket, locking tab, and supplied hardware.

Figure 20. Dual Row/Product Configurations



Examples of different orientations to mount twin row/product dual check valves using the bracket, 2 product adapter, locking tab, and supplied hardware.

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