Wylie Crop Shields for Case IH Sprayers

Installation & Parts Manual
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Limited Warranty

This is a limited warranty. It covers products manufactured by WYLIE Mfg. Co. The Warrantor is WYLIE Mfg. Co., 702 E. 40th St., Lubbock, TX 79404 USA. The duration of the warranty for WYLIE manufactured equipment and products (excluding polyethylene tanks) is for one year from date of delivery to the carrier. The Warrantor warrants to the Buyer that the product(s) sold hereunder are free from defects to material and workmanship, under normal use and service, in the hands of the original buyer.

If goods are defective, the defective goods will be replaced with identical goods. If identical goods are not available, the Buyer may elect to receive a refund of the purchase price for the defective goods, or the Buyer may order similar goods. The damage for defective goods shall not exceed the purchase price of the defective goods. No allowance shall be made for labor or expense or repairing goods without prior approval in writing by the Warrantor. The Buyer’s remedy under this warranty does not include incidental or consequential damages.

For products not manufactured by the Warrantor, the Warrantor warrants these products to the extent of the warranties of their respective manufactures. There are no warranties which extend beyond this limited warranty, including the implied warranty of merchantability. Dealers or representatives shall not make any representation in regard to particular goods except as authorized by the Warrantor through a written warranty accompanying those particular goods.

Disclaimer of Warranty

WYLIE Mfg. Co., and its divisions, “Wylie Spray Centers,” in each location, requires as a condition of sale and coverage by its LIMITED WARRANTY that all equipment sold by it be used in accordance with the instructions and specifications of the Warrantor. This requirement is in addition to the LIMITED WARRANTY.

Polyethylene and fiberglass tanks – These tanks are warranted for the storage and transport of water, herbicide solutions (on farm), liquid fertilizer and liquid feed. Such tanks should not be used for the storage of any bulk herbicide (undiluted). Any such use will render this warranty void.

In addition, the Warrantor makes no warranty with regard to bulkhead tank fittings used in connection with tanks containing bulk herbicides and the use of any such fittings sold by the Warrantor or any WYLIE dealer in connection with tanks containing bulk herbicides is improper.

Chemical Incompatibility – The Warrantor does not make any recommendations or warranties regarding chemical compatibility. WYLIE shall not be liable for any damages due to chemical incompatibility, and any Buyer or user should rely solely on written information furnished by the chemical manufacturer regarding chemical compatibility.

No employee of WYLIE Mfg. Co., or its representatives, agents or dealers, is authorized to vary the terms of this limited warranty.
Installation - Case IH Patriot 3240/4440 Crop Shields

**WARNING**
The sprayer engine must be turned off and the park brake engaged before mounting the crop shields. Failure to do so could result in serious bodily injury.

**INSTALLATION**

Note: All references to right or left hand are determined by standing behind the sprayer and facing forward.

The Wylie crop shields mount to two 16 mm holes on the main wheel support casting. It may be necessary to clean the threads of any dirt or corrosion to assure that the mounting bolts properly seat.

Hose wrap is included to protect the hoses from wear on the strut. Cut the hose wrap to the desired length. Wrap around the hoses that could come in contact with the strut. Sufficient hose wrap is provided for at least 3 pieces per wheel.

Mount the strut with the 16 x 40 mm bolts.

Attach the crop shield mount bracket with the ½" x 2" bolts. Figure A3 shows the bracket being mounted in the lowest position. Most of the time this will be the preferred location. Other holes are available for higher mounting, but doing so will require trimming of the shield on the inward side.
Make sure that the bracket is mounted straight and parallel with the tire.

Wrap the shield around the outside of the mount bracket and secure with the 3/8” x 1 1/2” bolts in upper and lower holes. Due to model variations, the inside holes of the shield are not drilled. Wrap the shield around the strut and mark, then drill 9/16” holes.

Wrap the shield around the outside of the mount bracket and secure with the 3/8” x 1 1/2” bolts in upper and lower holes. Due to model variations, the inside holes of the shield are not drilled. Wrap the shield around the strut and mark, then drill 9/16” holes.

The shields are interchangeable between the Left and Right sides. The large 2”x1” slot will be located at the top inward side.

Attach the shield to the mount bracket with the 3/8” x 1 1/2” bolts through the top front holes of the bracket.
Secure the shield to the strut with the $\frac{1}{2}'' \times 2''$ bolts.

Mark the shield 2" from the bottom.

Position the skirt on the 2" marks and mark the holes for drilling.

Drill $\frac{1}{4}$" holes in the skirt. Mount the skirt to the shield with the two middle bolts ($\frac{1}{4}'' \times 1''$) first.
Draw the sides of the shield together and attach the 20” chain as the outside mounting bolts are installed.

Figure A12
Installed Chain

Figure A13
Finished Assembly
Installation - Case IH Trident Crop Shields

**WARNING**
The engine must be turned off and the park brake engaged before mounting the crop shields. Failure to do so could result in serious bodily injury.

Note: All references to right or left hand are determined by standing behind the sprayer and facing forward.

**REAR SHIELD INSTALLATION**

Remove the 10 mm bolts that hold the hose support bracket. These bolts will not be reused. You must support the hose bracket in order to keep hoses from falling during installation.

**Figure B1**
Removing Bolts From Hose Support Bracket

Remove 1 bolt from cable support as shown. Cable support will be reinstalled later.

**Figure B2**
Removing Cable Support

There is a Right Hand and Left Hand Rear Strut. Align the upper strut mount with the hose support bracket holes. Loosely install 10x45 mm bolts from the bolt kit to secure the brackets.

**Figure B3**
Installed Hose Support Bracket and Rear Strut (Left Hand shown)

Attach the lower strut mount to the main wheel support casting using 9” bolts and back plate. Tighten all mounting bolts.

**Figure B4 (Side View)**
Lower Strut Mounting (Rear Strut)

**Figure B5 (Top View)**
Lower Strut Mounting
Attach the crop shield mount bracket with the $\frac{1}{2}$" x 2" bolts to the strut. Figure shows the bracket being mounted in the lowest position. Most of the time this will be the preferred location. Other holes are available for higher mounting, but doing so will require trimming of the shield on the inward side.

Insert 3/8" x 1¼" bolt into 9/16" hole and attach the shield to the inside shield mount hole. (See Figure B4)

FRONT SHIELD INSTALLATION

Remove 2 mount bolts and disconnect the hose anchor. Discard the hose guide.

Due to model variations, the inside holes of the shield are not drilled. Wrap the shield around the strut and mark the hole, then drill 9/16" holes in the shield.
There is a Right Hand and Left Hand Front Strut. Use the 8 x 40 mm bolts from the bolt kit to loosely attach the upper strut mount of the front strut. Reattach the hose anchor.

Attach the lower strut mount to the main wheel support casting using 9” bolts and back plate. (See also Figure B5)

Tighten all mounting bolts.

Attach the mount bracket with the ½” x 2” bolts. Figure shows the bracket being mounted in the lowest position. Other holes are available for higher mounting, but doing so may require trimming of the shield on the inward side.

Wrap the shield around the outside of the mount bracket and secure with 3/8” × 1½” bolts in upper and lower holes in the middle of the shield, then on the outside of the bracket.

Due to model variations, the inside holes of the shield are not drilled. Wrap the shield around the strut and mark the hole, then drill 9/16” holes in the shield.

Insert 3/8” × 1½” bolt into 9/16” hole and attach the shield to the inside shield mount hole. (See Figure B9)
SKIRT INSTALLATION FOR ALL SHIELDS

Mark the shield for skirt mounting 2” from the bottom.

Draw the sides of the shield together and attach the 20” chain as the outside mounting bolts are installed. Install the chain as needed for the desired crop shield width.

The Trident is equipped with a lift. If the skirt drags the ground when installed, raise the Trident to full height, raise the shield brackets to a higher setting, or trim the bottom of the skirt.

Mark the shield for skirt mounting 2” from the bottom.

Position the skirt on the 2” marks and mark the holes for drilling.

Drill 5/16” holes in the skirt. Mount the skirt to the shield with the two middle bolts (¼” x 1”) first.

Mount Skirt With the Middle Bolts First

Case IH Trident With Wylie Crop Shields Installed
### WC1100-10  Crop Shield Kit Case IH 32XX - 44XX (2016 & Earlier)

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### WC1100-20  Crop Shield Kit Case IH 32XX - 44XX (2017 & Later)
## WC1100-5550 Crop Shield Kit Case IH Trident 5550

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