

# ***THUNDER* NT COVER PLATES**

**CASE IH**  
Patent Number  
PCT/CA2024/050643

## **FLAGSHIP COVER PLATE INSTALL**



1. Bolt latch bracket to tab with supplied bolts.



2. Install latch to bracket with supplied flange bolt



3. Hook cover plate on last rung on left concave, on right concave slide end between 1st and second rung



4. Hook u-bolt into latch and close latch, tighten u-bolt nuts as required to create firm closure



5. Insert pin to lock latch down



## **General Purpose of Cover Plates:**

Cover plates are designed to balance the separating area during threshing by forcing the material to drop right in the center.

## **Setup for Canola, Soft Wheat, and Small Grains:**

- Front Position: Use single hole plates at the very front.
- Middle Position: Use double hull plates in the next position to provide a bit more balancing and unloading.
- Back Position: Use four hole plates in the three and four positions to finish off the threshing and continue balancing the separating area.

## **Special Considerations for Corn:**

- If threshing corn, remove the two cover plates.
- Depending on the condition of corn cobs and kernels, consider removing the third cover plate as well.

## **Setup for Soybeans:**

- For soybeans, especially if there are cracks or splits, consider keeping the third cover plate in. However, remove the fourth one.
- Adjust based on the variety of wheat, especially if it's a hard threshing variety.

## **Hard Threshing Wheat:**

- For hard threshing wheat varieties, close off the two number one sections with solid plates to provide a bit more rub and move everything further back.

## **Final Adjustments:**

- The single hole plates go in the number two position, double holes in number three, and one of the four hole plates should be at the very back.
- Adjust the rotor speed and other settings as necessary to ensure optimal performance

## **Key Points to Remember**

- Close up the setup if more threshing is needed.
- Balance the material drop location to run the machine more efficiently. By following these instructions, you can optimize the cover plate setup for different crop types, ensuring efficient threshing and material separation.