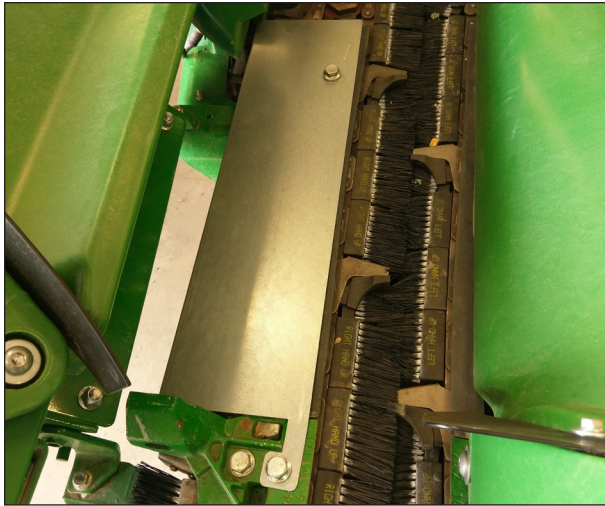


# SHIELD INSTALLATION

JOHN DEERE 600 NEW AND 700 SERIES



## HELPFUL TOOLS

- 13 mm Socket
- 13 mm Wrench
- 18 mm Socket
- 19 mm Socket
- Drill with 1" bit

## NEED HELP?

Call our Product Support team at 888-512-4890.

## WHY SHIELDS?

When running 360 Yield Saver on some John Deere 600 New and 700 Series corn heads, leaves and "fluff" coming across the front of the auger trough can be grabbed by the 360 YIELD SAVER brushes. That can result in residue accumulating on the front bracing under the snout. While this residue buildup does not cause damage, shields can be installed to eject the residue -- grabbed by the brushes -- out the front of the row unit. These instructions will help guide you through the shield installation process.

## STEP 1 | OPEN SNOOTS

Unlatch and tip/prop open the snouts on the corn head.

## STEP 2 | REMOVE REAR COVER

Using a 13 mm socket and wrench, remove the bolt **1** securing the rear cover **2**.

Lift cover off and set aside.

Repeat for rear cover on opposite end.

# SHIELD INSTALLATION

JOHN DEERE 600 NEW AND 700 SERIES



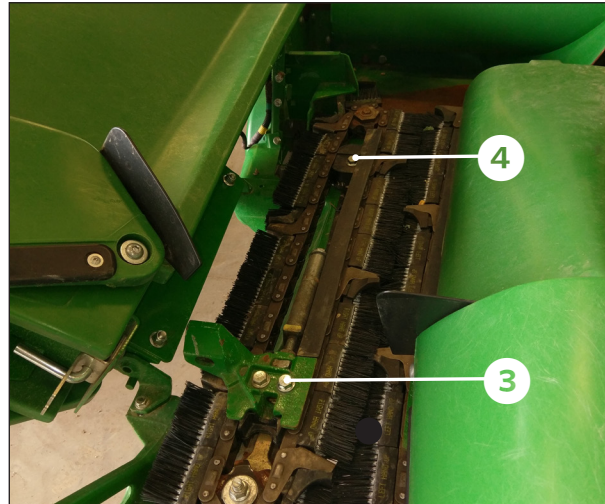
## BEFORE YOU CONTINUE...

The hardware shown above is what is provided in the hardware kit included from 360 Yield Center for either your 600 New or 700 Series corn head.

**NOTE:** Some hardware that will be removed before the installation process will be reused.

**NOTE:** If installing shields on the inside rows of a 20" corn head, a modification will need to be made to the shield before installation on the inside rows. See page 4 for modification instructions.

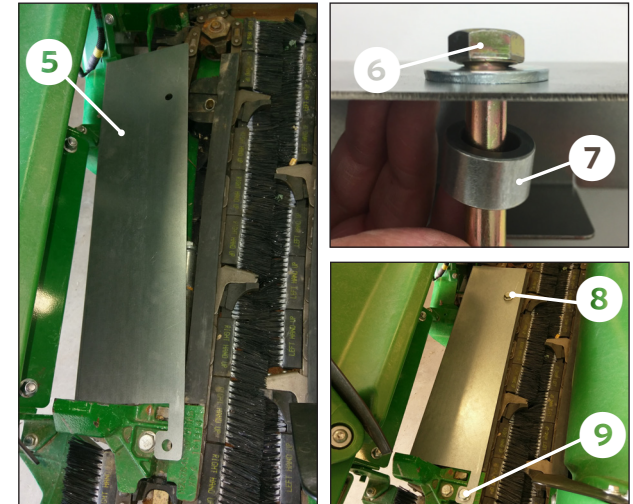
No modification is needed for the installation of the shields on the outside rows of a 20" head or for any rows on a 30" head.



## STEP 3 | REMOVE BOLTS

Using an 18 mm socket, remove two bolts, 3 and 4 from each side of the row.

**NOTE:** The longer, 75 mm bolts 3 at the front of the row unit will be reused and should be kept. The shorter, 70 mm bolts 4 at the rear of the row unit will not be reused and therefore should be discarded.



## STEP 4 | INSTALL SHIELD

**NOTE:** If installing on inside rows of a 20" corn head, modify shield before continuing the installation process using instructions on page 4.

Slide shield 5 into position, ensure the 360 YIELD SAVER brushes are encased inside the shield.

Align the bolt holes.

By hand, thread the M12 x 80 mm bolt 6, washer, and spacer 7 provided in the hardware kit into the rear mounting hole 8.

By hand, thread the original M12 x 75 mm bolt 3 into the front mounting hole 9.

Using an 19 mm socket, tighten the rear bolt 6.

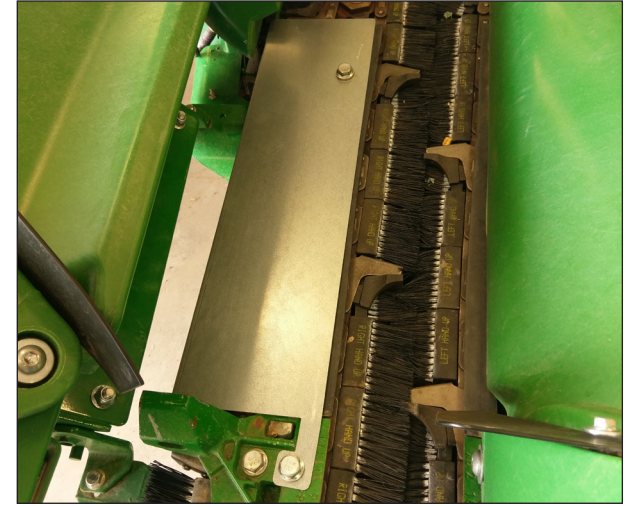
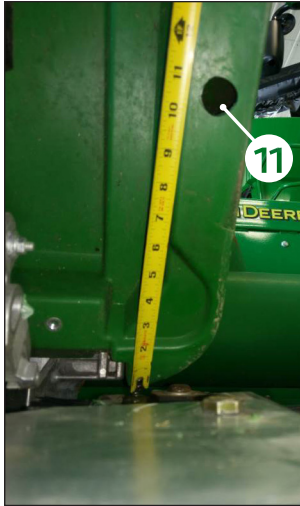
Using an 18 mm socket, tighten the front bolt 3.

Repeat for both sides of all remaining rows.



# SHIELD INSTALLATION

JOHN DEERE 600 NEW AND 700 SERIES



## STEP 5 | MODIFY FOR CLEARANCE

### FOR BOTH END SNOOTS:

Approximately 8-1/2" from the rear of the snout, mark where the bolt head makes contact with the snout.

Using a drill with a 1" bit, drill a 1" hole 10 into the bottom of the snout to ensure proper clearance of bolt head on the shield.

### FOR ALL INSIDE SNOOTS:

Approximately 10-5/8" from the rear of the snout, mark where the bolt head makes contact with the snout.

Using a drill with a 1" bit, drill a 1" hole 11 into the bottom of the snout to ensure proper clearance of bolt head on the shield.

## STEP 6 | REINSTALL

Reinstall rear cover 2, ensuring that it is aligned over the front mounting tab.

Using a 13 mm socket and wrench, secure rear cover with the original hardware 1.

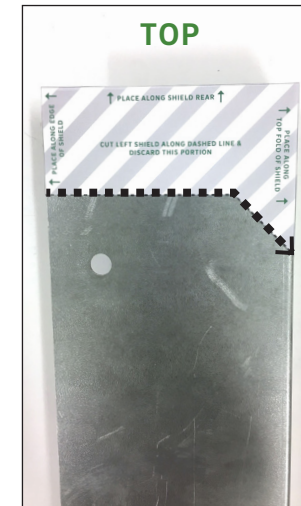
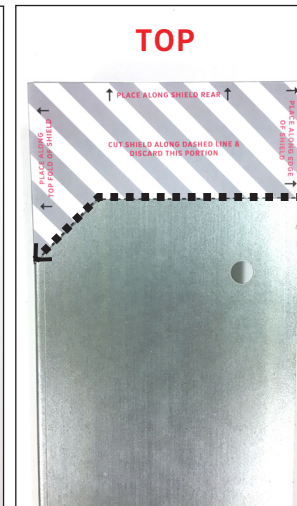
Repeat for rear cover on opposite end.

Close and latch the snouts.

## INSTALLATION COMPLETE

# SHIELD MODIFICATION

## INSIDE ROW MODIFICATION FOR 20" CORN HEADS



### BEFORE YOU CONTINUE...

If installing shields on the inside rows of a 20" corn head, a modification will need to be made to the shield before installation on the inside rows.

**NOTE: No modification is needed for the installation of the shields on the outside rows of a 20" head or for any rows on a 30" head.**

### RIGHT SHIELD MODIFICATION

Modification templates for the right hand shields are provided on **pages 5 and 7** of this instruction packet.

Place "**RIGHT SHIELD TEMPLATE - TOP**" on the top side of the shield at the rear end of the row unit (as pictured above).

Place "**RIGHT SHIELD TEMPLATE - SIDE & BOTTOM**" on the side and bottom of the shield at the rear end of the row unit (as pictured above).

Cut the shield along the dashed line of the template and discard the excess.

**NOTE: This should only be done on shields to be installed on the inside rows of a 20" corn head.**

### LEFT SHIELD MODIFICATION

Modification templates for left hand shields are provided on the **pages 9 and 11** of this instruction packet.

Place "**LEFT SHIELD TEMPLATE - TOP**" on the top side of the shield at the rear end of the row unit (as pictured above).

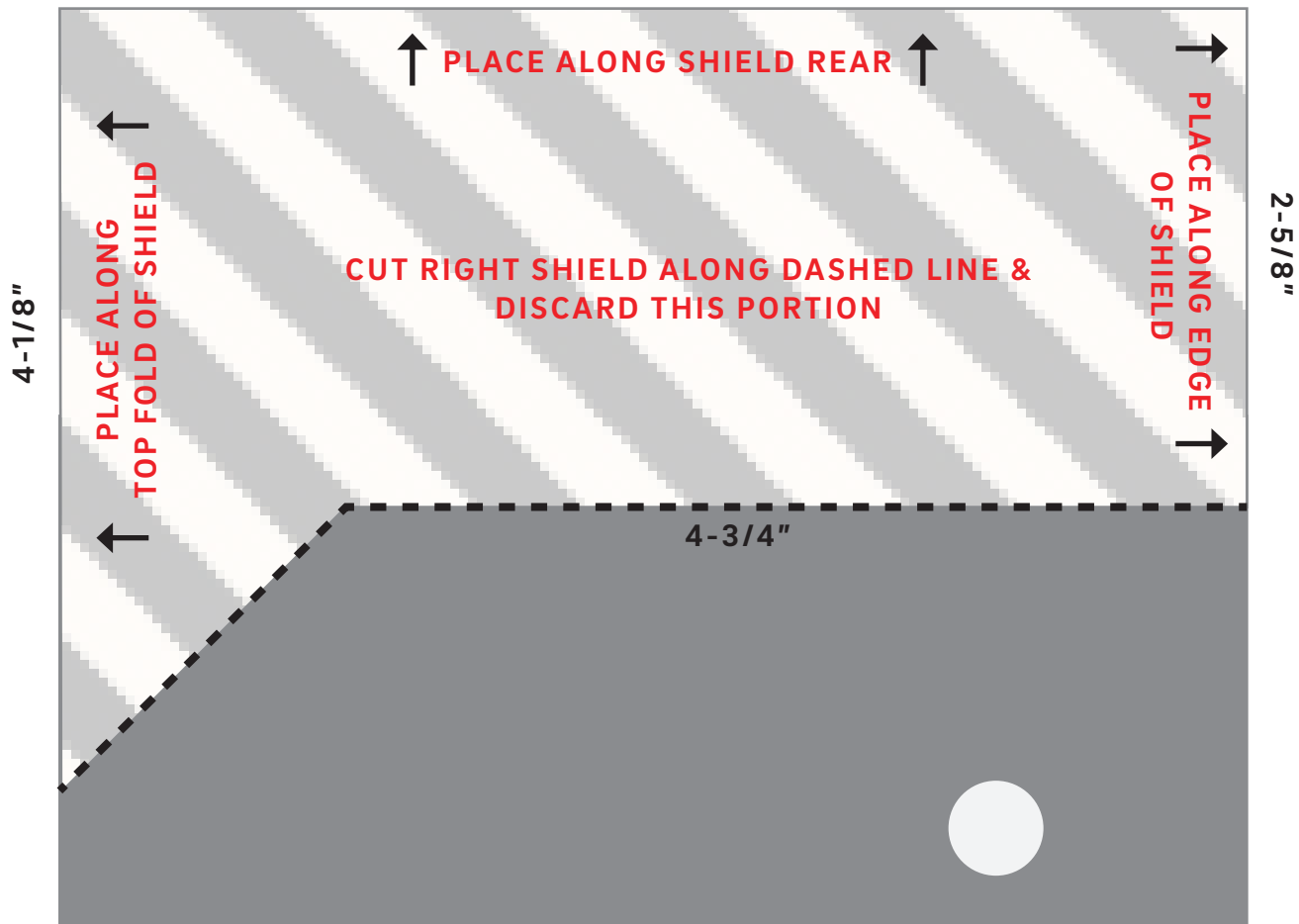
Place "**LEFT SHIELD TEMPLATE - SIDE & BOTTOM**" on the side and bottom of the shield at the rear end of the row unit (as pictured above).

Cut the shield along the dashed line of the template and discard the excess.

**NOTE: This should only be done on shields to be installed on the inside rows of a 20" corn head.**

# RIGHT SHIELD TEMPLATE - TOP

INSIDE ROW MODIFICATION FOR 20" CORN HEADS

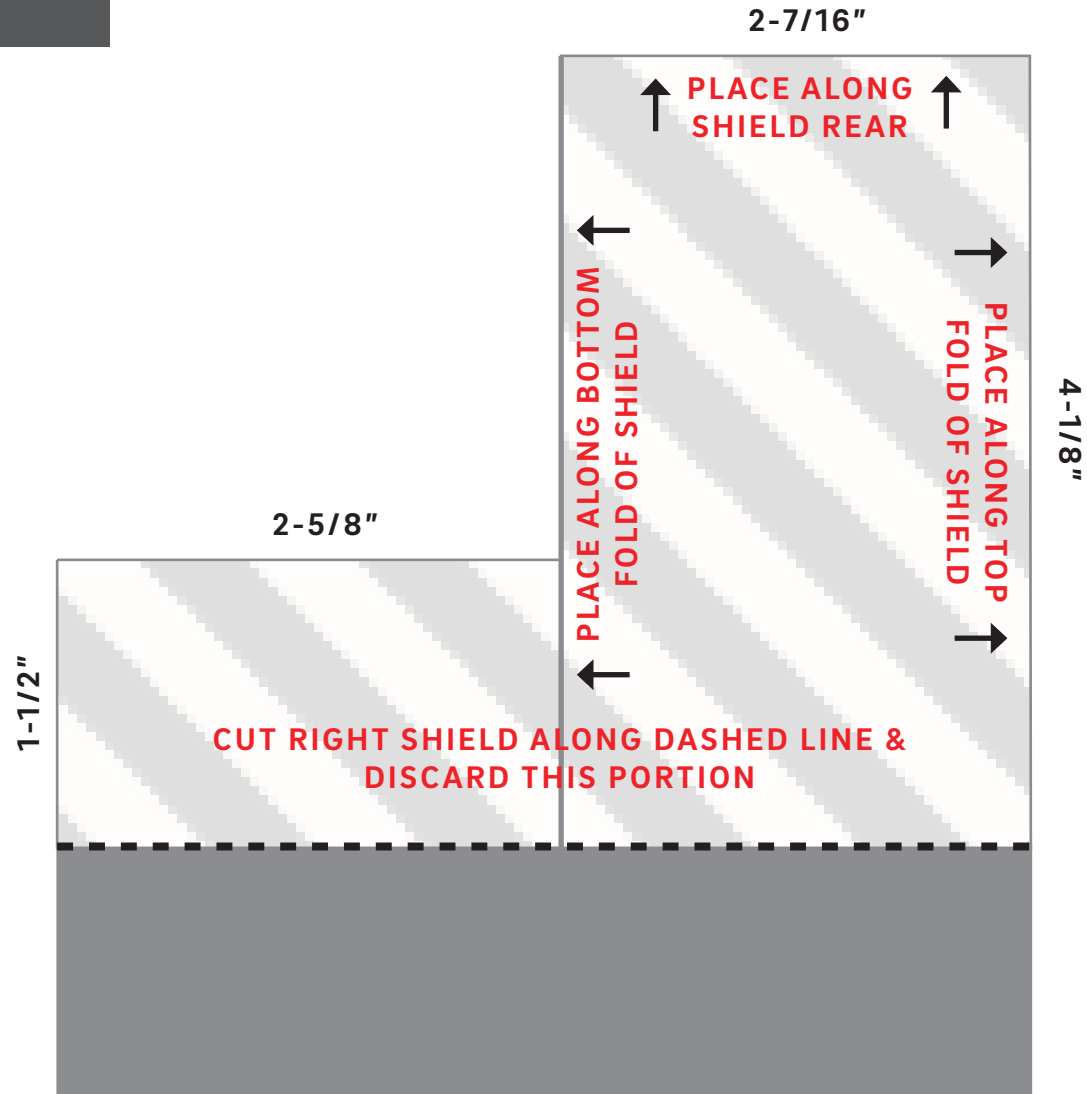


**\*\*PLACE TEMPLATE ON TOP OF SHIELD\*\***

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# RIGHT SHIELD TEMPLATE - SIDE & BOTTOM

INSIDE ROW MODIFICATION FOR 20" CORN HEADS



**\*\*PLACE TEMPLATE ON SIDE AND BOTTOM OF SHIELD\*\***

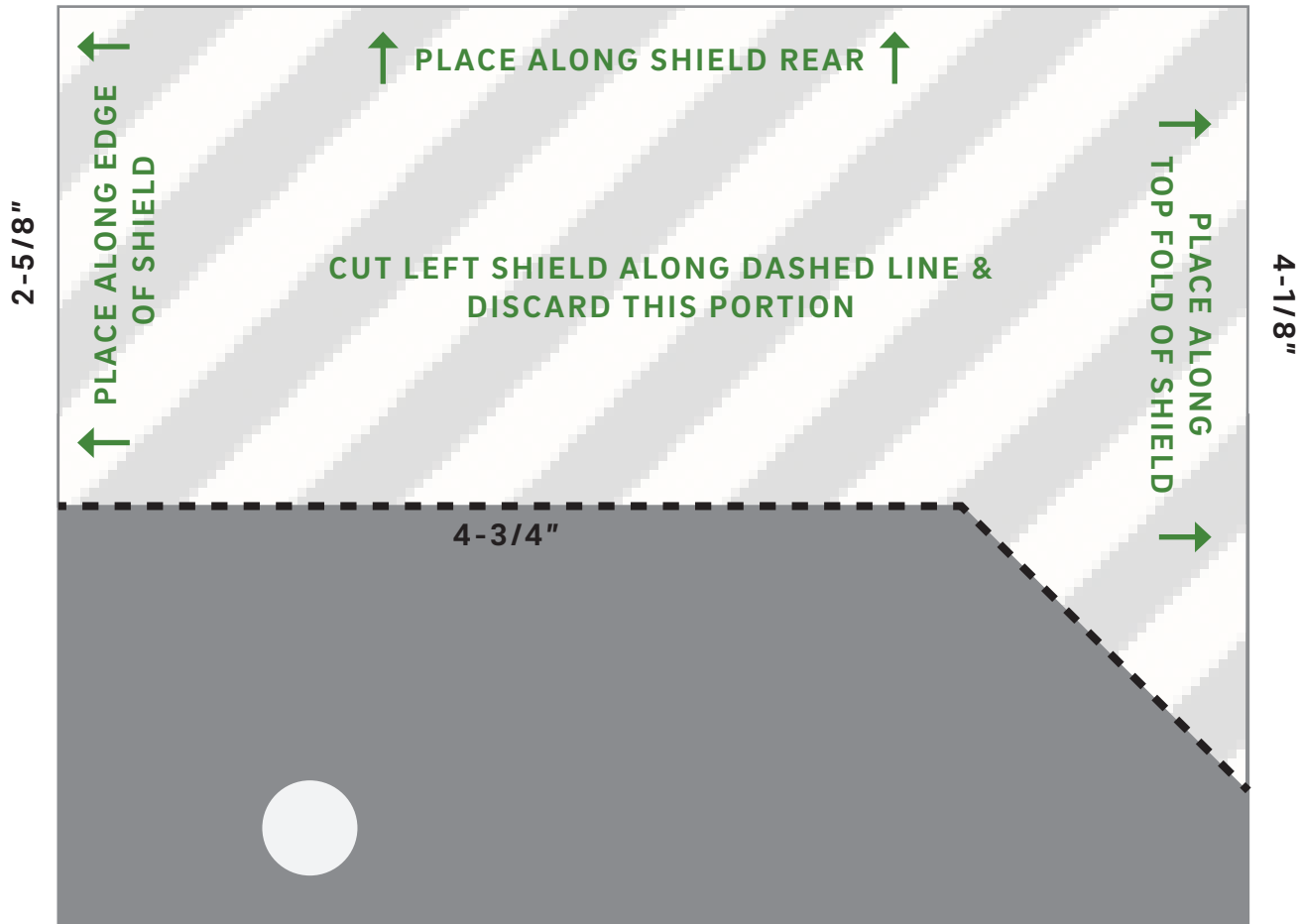
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# LEFT SHIELD TEMPLATE - TOP

INSIDE ROW MODIFICATION FOR 20" CORN HEADS

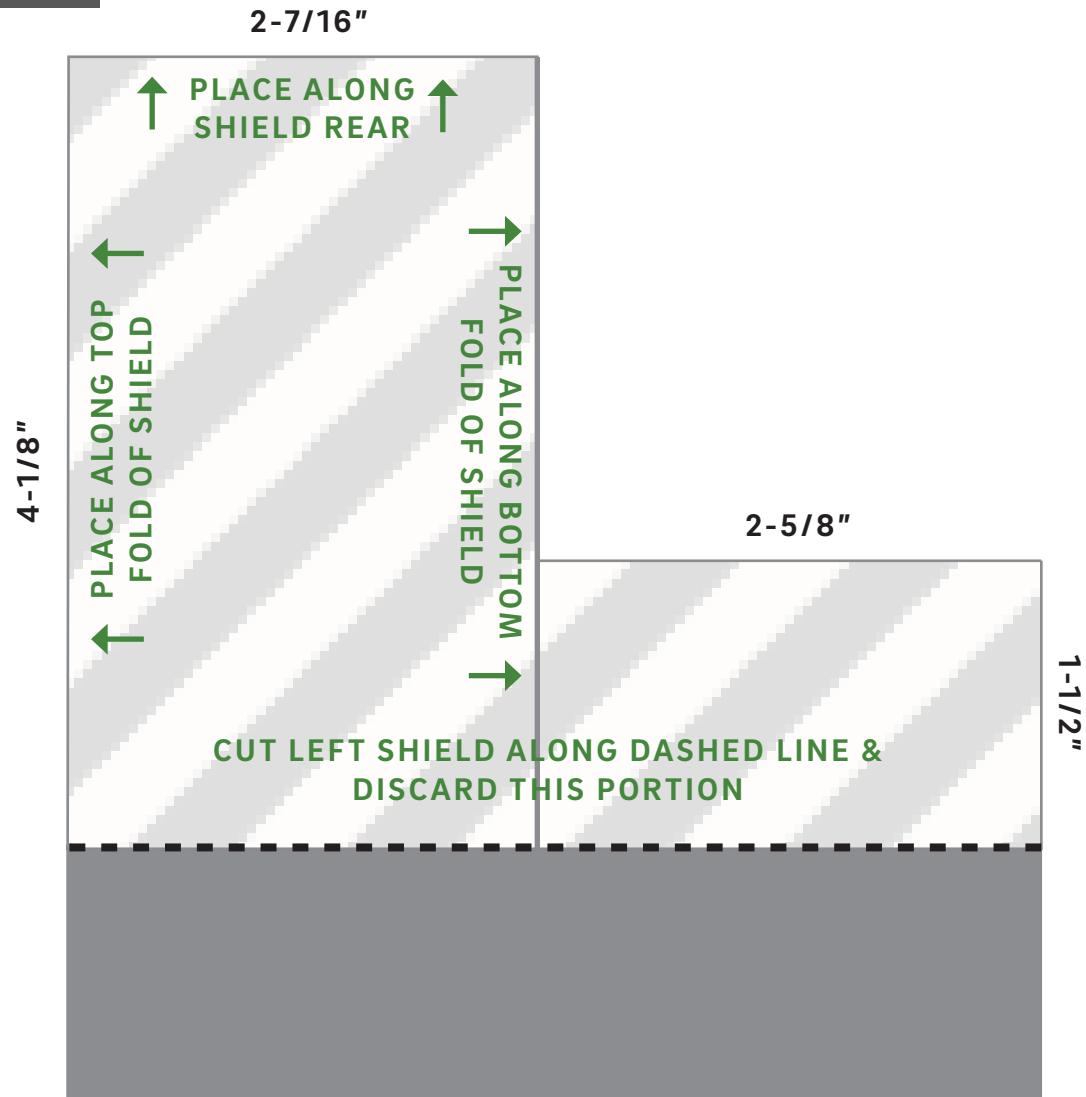


**\*\*PLACE TEMPLATE ON TOP OF SHIELD\*\***

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# LEFT SHIELD TEMPLATE - SIDE & BOTTOM

INSIDE ROW MODIFICATION FOR 20" CORN HEADS



**\*\*PLACE TEMPLATE ON SIDE AND BOTTOM OF SHIELD\*\***

**NOTE - WHEN PRINTING THIS PAGE DO NOT SCALE**

