

SHIELD INSTALLATION

JOHN DEERE 600 SERIES AND 700 SERIES



HELPFUL TOOLS

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

NEED HELP?

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

NOTE: Shields were intended to be installed on outside rows. If installing shields on the inside rows, some modifications may need to be made to the shield. Due to variation based on model and year, modify the shield as you see necessary to ensure proper fit for your specific machine.

NOTE: Pictures shown may not reflect your specific model.

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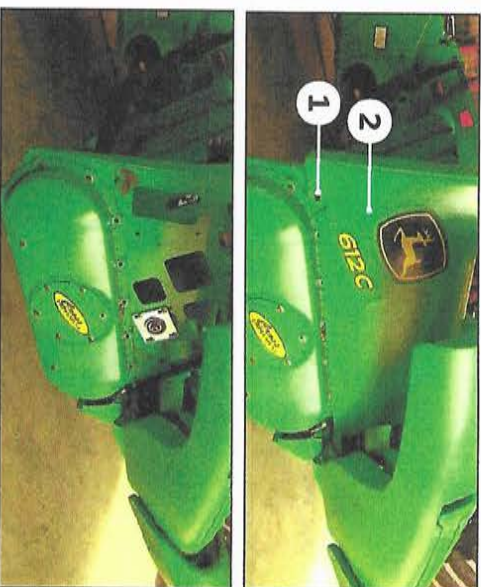


WHY SHIELDS?

When running 360 Yield Saver on some John Deere 600 Series 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.

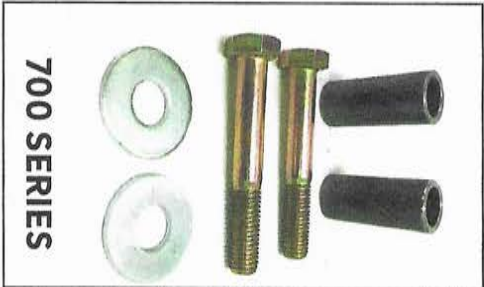
Repeat for rear cover on opposite end.

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600 SERIES

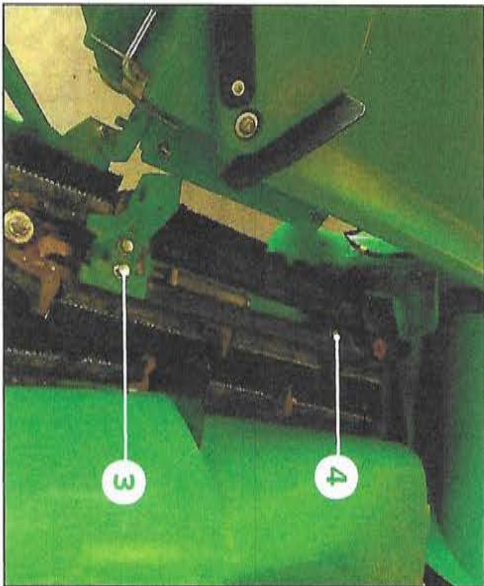


700 SERIES

BEFORE YOU CONTINUE...

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

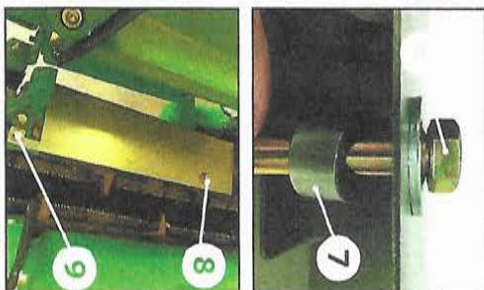
NOTE: Some hardware that will be removed before the installation process will be reused.



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 can be discarded.



STEP 4 | INSTALL SHIELD

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.

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STEP 5 | MODIFY FOR CLEARANCE

FOR BOTH END SNOOTS:

When the snouts are closed, the back bolt may make contact with the snout. If contact occurs, mark the point of contact on the snout and 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:

When the snouts are closed, the back bolt may make contact with the snout. If contact occurs, mark the point of contact on the snout and drill a 1" hole **11** into the bottom of the snout to ensure proper clearance of bolt head on the shield.

NOTE: Point of contact between the snout and bolt head may differ on end snouts versus inside snouts. Measure carefully before making any modifications.

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