



## Technical Bulletin – May 15, 2015

### 360 Y-DROP™ OEM Boom Spray Pattern Interference

With planting coming to a close, many of you are installing 360 Y-DROP systems, and we're glad you have been working with your 360 Yield Center Regional Agronomy Manager and reaching out to our Support Center for help. Overall, it seems like installations are going well. However, there have been a few questions about the 360 Y-DROP boom assembly sometimes interfering with the OEM boom spray pattern. While there is nothing wrong with the current 360 Y-DROP Sprayer Mount Package (SMP) configuration, if you are having interference with the OEM boom spray pattern, we have explored several alternative solutions for your consideration.

#### Alternative Solutions:

1. **6 in. Nozzle Extension:** Add a 6 in. sprayer nozzle extension (Part #412051) which will allow for the nozzle to clear booms and brackets to provide an uninterrupted spray pattern. This often will be sufficient for the sprayer nozzles to clear the 360 Y-DROP boom and bracket. These extension parts can be ordered online at the Dealer Store.
2. **Z Bracket Placement:** There are several ways to place the Z brackets that can help in achieving a spray pattern that is free of interruption. Moving the Z bracket along the OEM and 360 Y-DROP bar can alleviate some of these interruptions if you have room for bracket movement. Sliding it along the bar a few inches may correct this issue.
3. **Boom Removal:** Some customers have removed the 360 Y-DROP boom and brackets when not in use with a loader or forklift and placing them on a wall or on racks as one piece. This has provided a way to remove the entire boom when it isn't in use without a complete disassembly of the 360 Y-DROP system if you need to switch back to spraying with the OEM boom.
4. **360 Y-DROP Update Kit for Case IH AIM Models:** 360 Yield Center has developed a set of updated brackets for Case IH AIM models that can be used in place of the Z brackets in the case of interference. These new brackets allow for the 360 Y-DROP boom to ride higher against the OEM boom and allow for clearance of the spray nozzles past the 360 Y-DROP boom. Below is a chart of current SMP with a corresponding upgrade kit that can be ordered to replace your current SMP.

**New Orders:** If you plan to order 360 Y-DROP system for a Case IH AIM model with one of the SMPs noted in the chart below, please use the corresponding upgrade kit when ordering your system.

**Replacement Orders:** If you already received a 360 Y-DROP system for a Case IH AIM model with one of the SMPs noted in the chart below but are having interference issues and would like a replacement upgrade kit, please call our Support Center at 888-512-4890 to order an upgrade kit for free to replace your original SMP.

SMP Part Number		Corresponding Upgrade Kit	
Part #	Part Description	Part #	Part Description
410136	Sprayer Mount Pkg - Case IH 120' Boom 4000 24Rx30" - AIM	410310	Sprayer Mount Pkg - Upgrade Kit - 60' Y-Drop Bar
410144	Sprayer Mount Pkg - Case IH 120' Boom 4000 36Rx20" - AIM	410310	Sprayer Mount Pkg - Upgrade Kit - 60' Y-Drop Bar
410309	Sprayer Mount Pkg - Case IH 120' Boom 4000 36Rx22" - AIM	410311	Sprayer Mount Pkg - Upgrade Kit - 66' Y-Drop Bar

If you have having issues with OEM boom spray patterns consider these alternative solutions. We'll update you with additional solutions or upgrade kits for other models if issues arise. As always, reach out to your Regional Agronomy Manager or our Support Center at 888-512-4890 with questions.

## Photos of Case IH AIM Model Boom Update Kit Installation





