

Tech Bulletin: JD Clean Grain Elevator Divider Plate Inspection

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Problem: Broken clean grain elevator divider plates can create catch points causing high loading on plastic paddles.

Solution: When doing YieldSense installs, inspect the clean grain elevator divider plate for cracks or missing segments. Missing segments of the plate can cause paddle failures, so it is important for the divider to be repaired or replaced. When repairing dividers, add a reinforcement plate on the side which the paddles travel downward where there is more clearance. If rebuilding a section of missing plate, be sure to put a lead in angle on the bottom of the divider that points towards the front of the machine. Cracks should be repaired as they will continue to grow making the repair much more difficult if done in the future. This repair will be easiest to do when replacing the elevator chain.



LOOK FOR CRACKS IN THE DIVIDER PLATE. THESE SHOULD BE WELDED.



BROKEN DIVIDER PLATE CAN BE A CATCH POINT FOR PLASTIC PADDLES.