

YieldSense™

Installation Guide

**John Deere Upper Elevator Shaft Adjustment Kit
9x00 and 9x10 Series Combines**

Precision Planting®

Note: The information presented in this document was accurate at the time of publishing. The most current revision of this document can be found at <http://cloud.precisionplanting.com/pubs>

Pre-Installation

Note A: IMPORTANT! YieldSense installation in 9x00 and 9x10 combines requires the top and lower bearing in the elevator shaft to be adjustable. If your combine does not have these adjustable bearings an elevator adjustment kit is required. Refer to the adjustment kits listed below.

Adjustable 00-Series

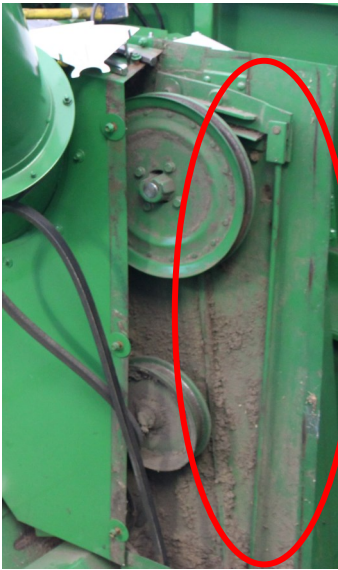


Figure A1

Lower Bearing Adjustment



Figure A2

Non-Adjustable 10-Series



Figure A3

Elevator Adjustment kits for 9x00, 9x10 JD combines

Note: For a 00/10 Series JD combine, you need both upper and lower elevator adjustments. If it does not have both, order accordingly to ensure that both adjustments are installed on the combine.

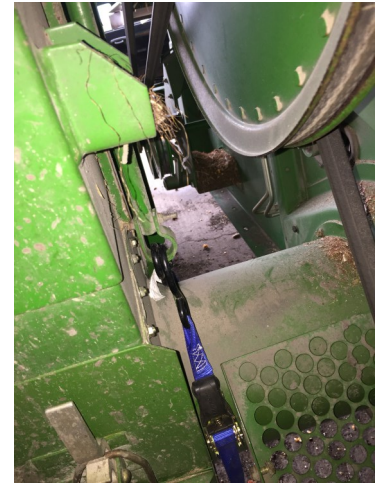
Item	Model	Part #
Lower Elevator Adjustment Kit	00/10 John Deere	750996
Upper Elevator Shaft Adjustment Kit	9400, 9410, 9500, 9510 John Deere	750998
Upper Elevator Shaft Adjustment Kit	9600, 9610 John Deere	750999

Upper Elevator Shaft Adjustment Installation

The following installation instructions apply to YieldSense installs when the upper elevator bearing is not adjustable from the factory and the PP upper elevator shaft adjustment kit 750998 or 750999 is being installed.

Step 1: Locate the tension spring behind the clean grain elevator and release the tension by pulling out on the elevator drive belt. This will bring the tension spring up and provide clearance to insert a pin to secure the tensioning spring in the locked position.

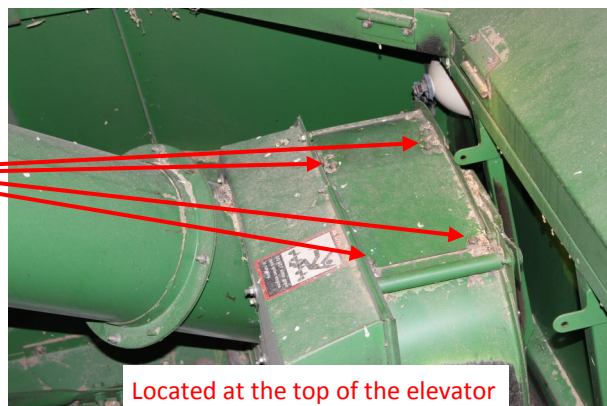
Install Tip: Use a ratchet strap to release the tension on the elevator drive belt.



Step 2: Inside the grain tank, remove the belt cover using a 13mm wrench and take the belt off of the drive pulley at the top of the elevator.



Step 3: Remove the top deflector plate by removing the four (4) nuts using a 13mm wrench.

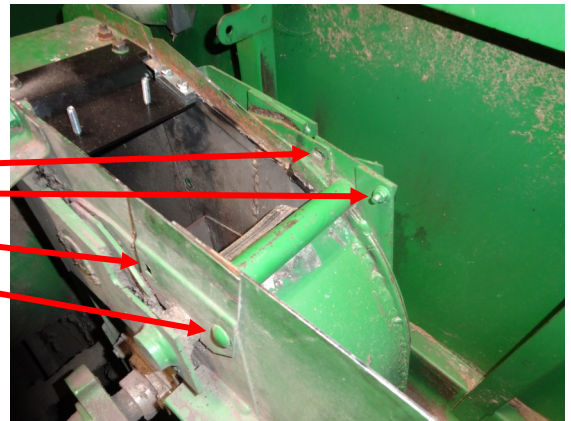


Located at the top of the elevator

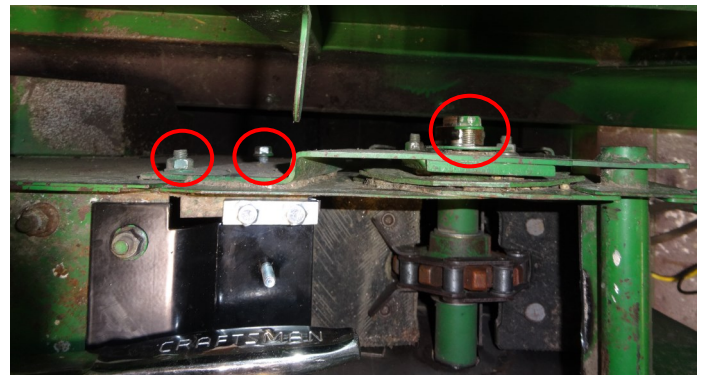


Upper Elevator Shaft Adjustment Install (cont.)

Step 4: Remove the 4 nuts and carriage bolts that fasten the retaining plates on the top of the bracket.



Left side of the elevator



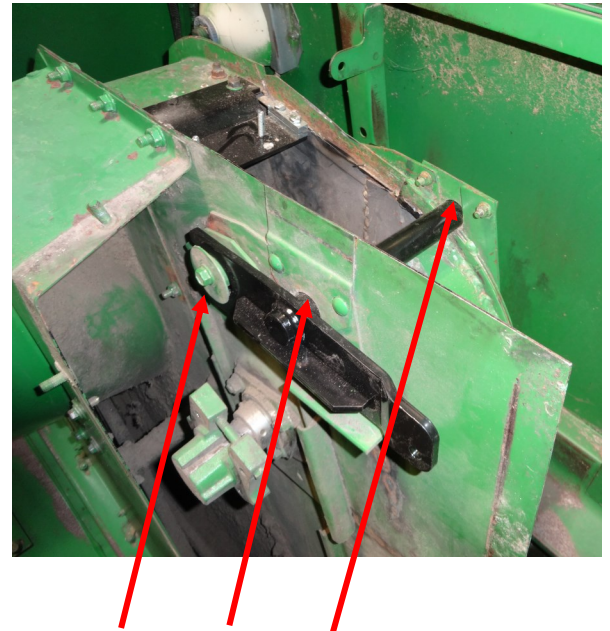
Right side of the elevator

Step 5: Next, remove the 2 bolts and 4 nuts that fasten the upper bracket in place.



Step 6: Remove the bracket by spreading apart the bracket arms so they clear the threaded boss fitting.

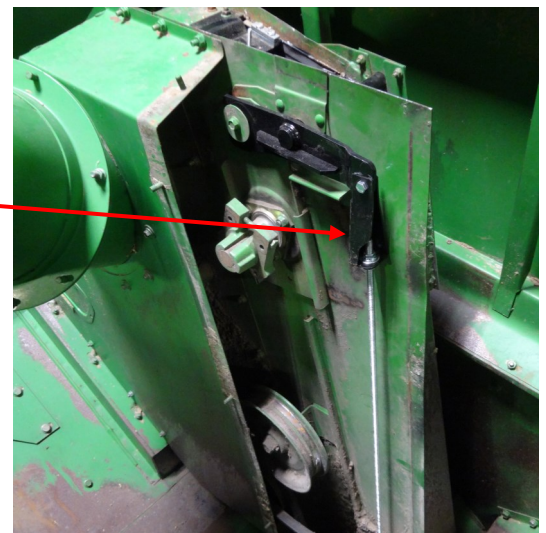
Upper Elevator Shaft Adjustment Install (cont.)



Step 7: Install the new PP bearing adjuster assembly by sliding the open end over the boss on the adjustable bearing bracket. Reinstall the 2 bolts and washers on the threaded bosses and the two retainer plates that were previously removed.

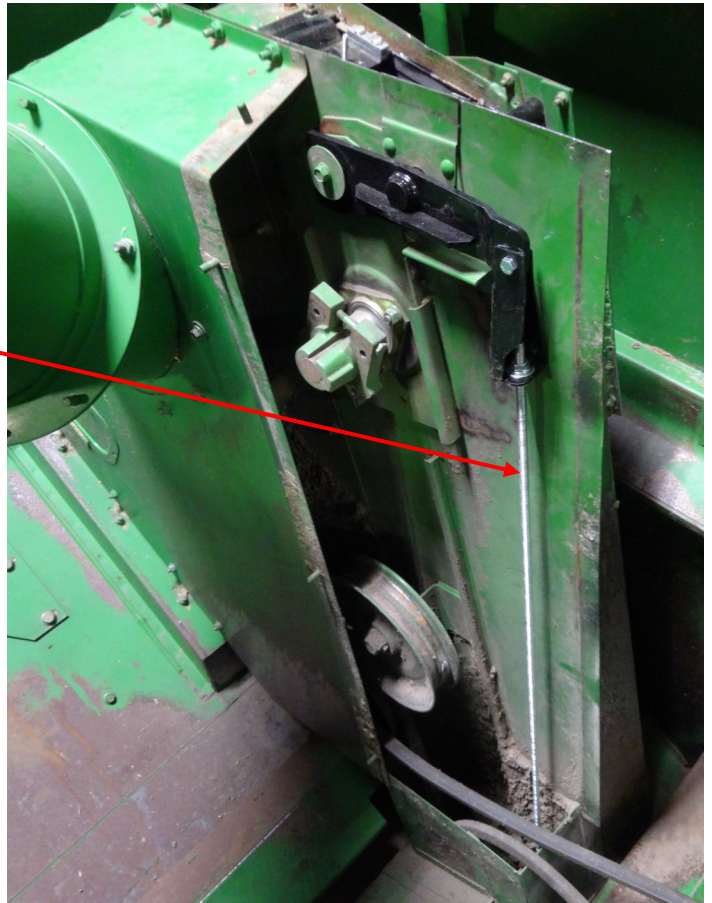


Step 8: Install the tensioning bracket onto the adjustment bracket as shown.



Upper Elevator Shaft Adjustment Install (cont.)

Step 9: Install the 8' threaded rod. Bolt the threaded rod to the tensioning bracket using the provided hardware.



Step 10: On the bottom of the elevator, install the threaded rod as shown. This is where the upper bearing will initially be adjusted.

Note: The bearing adjustment rod is adjusted from the bottom of the elevator while standing on the ground.

Upper Elevator Shaft Adjustment Install (cont.)

Step 11: Once the bearing height has been set DO NOT adjust the chain by moving top shaft adjustment rod. Apply the provided sticker on the side of the elevator as a reminder.



Figure G

