

YieldSense™

Grain Proximity Sensor Installation

2015 and older moisture sensor kits were produced with a 1/2" NPT grain proximity sensor (750591) that is no longer available. If the 1/2" NPT sensor fails, the moisture sensor kit will need to be updated to the 30 mm version (750247) using the instructions below.

Tools for Install

Required

Drill

2" Hole Saw

Tape Measure/Micrometer

1/4" carriage bolts and nuts for

Recommended

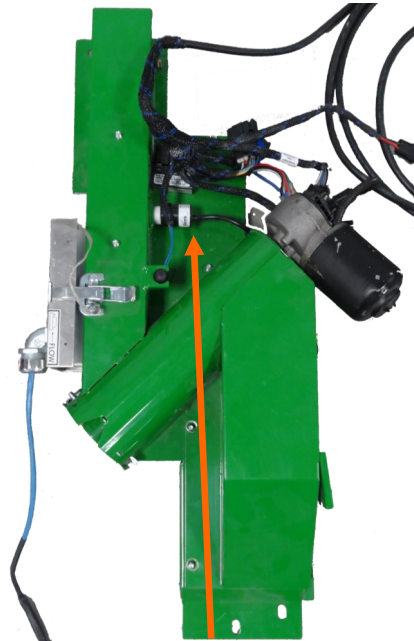
Cutting oil

17/64" Drill bit

7/16" Wrench



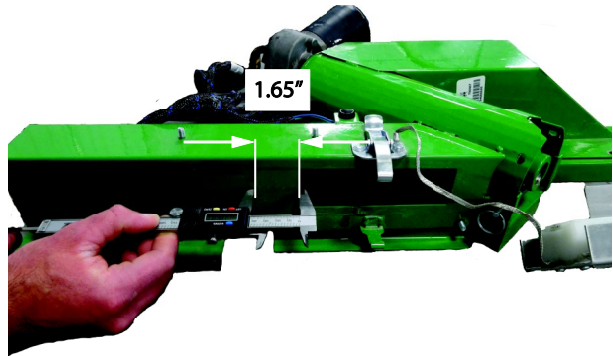
750247 30 mm Proxy Sensor



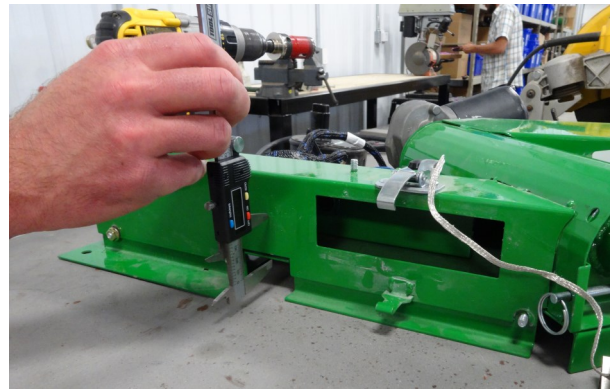
750591 1/2" NPT Proxy Sensor

Grain Proximity Sensor Installation (Cont.)

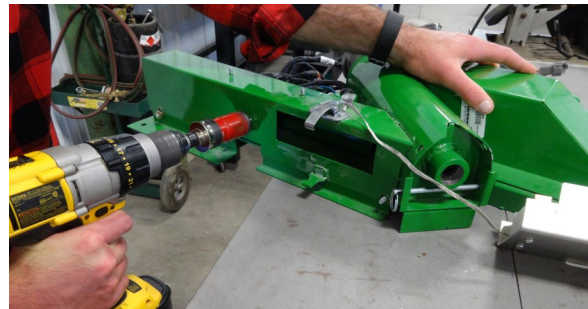
Step 1: Remove the moisture sensor module. Measure 1.65 inches (1 21/32") up from the top of the moisture sensor opening and mark the location.



Step 2: Next, measure 1.31 inches (1 5/16") horizontally from the space available and mark the location.

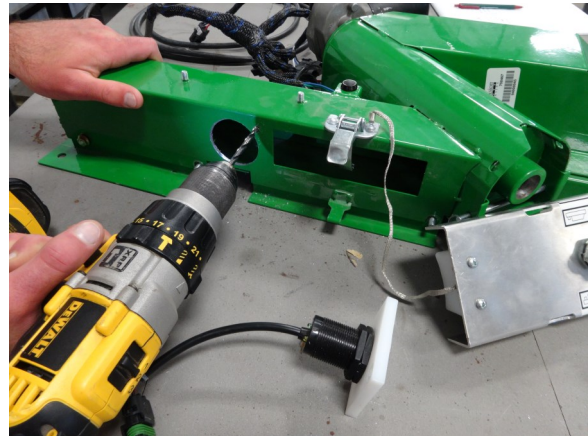


Step 3: Drill a hole using a 2" hole saw at the marked location. This is where the new proximity sensor will be mounted.

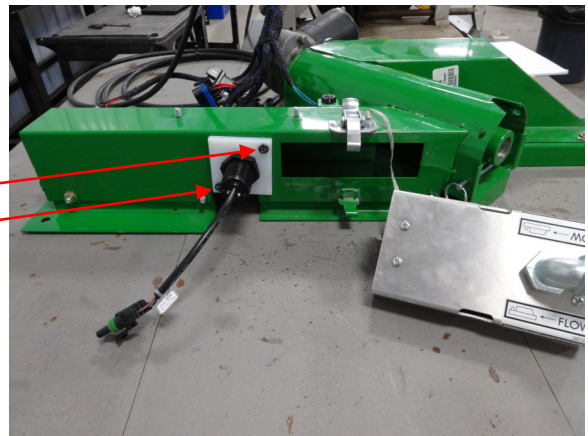


Grain Proximity Sensor Installation (Cont.)

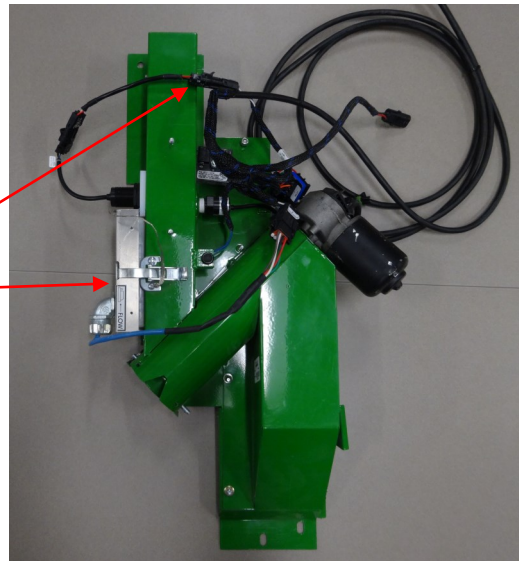
Step 4: Use the new proximity sensor as a guide and mark the two hole locations which will be drilled out for mounting the proximity sensor.



Step 5: Use a square file to square the two mounting holes for the proximity sensor. Install the proximity sensor using 1/4" carriage bolts, with the heads inside the housing.



Step 6: Reinstall the moisture sensor module and plug in the new proximity sensor to the 3 pin weather pack connector on the existing harness.



NOTE: The grain proximity sensor must be calibrated after installation. Refer to Grain Proximity Sensor Calibration 955606 for the calibration procedure.