

YieldSense™

30 mm Proximity Sensor Set Tool Guide

30mm Proximity Sensor Field Setting Guide

Tools for Install

Required

12 mm Socket/Ratchet and 12 mm Wrench

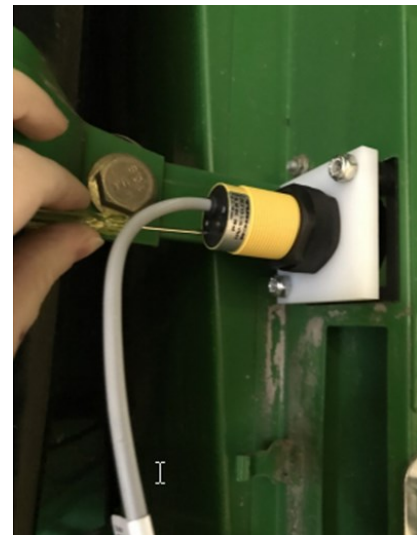
7/16" Socket/Ratchet or 7/16" Wrench

Small Flat Head Screw Driver

Step 1: Remove the moisture sensor by unhooking the latch. Next remove the proximity sensor from the two studs using a 7/16" wrench. Insert the plate onto the studs first followed by the two shims.



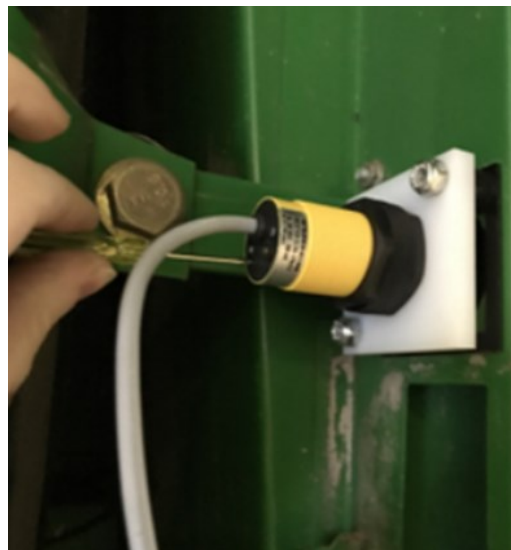
Step 2: Insert the proximity sensor back onto the studs with the shim and plate installed. Install nuts removed in Step 1 hand tight.



Proximity Sensor Set Tool Guide (Cont.)

Step 3: Turn the combine key to the ACC/ON position and start the 20/20 Display.

Step 4: Locate the adjustment screw on the back of the sensor. If the yellow light on the back of the sensor is ON use the included screw driver to turn the screw counter clockwise until the light turns OFF.



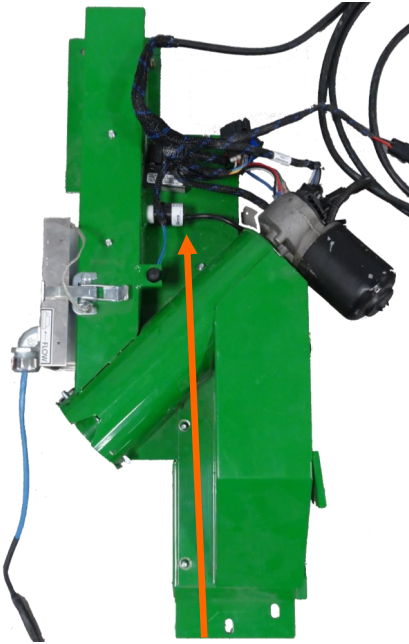
Step 5: Without touching the sensor or its cord, slowly turn the adjustment screw clockwise until the light turns on. You should hear an audible click and the moisture sensor motor will turn on.

The proximity sensor is now properly set. Remove the plate and shims installed in step 1 and reinstall proximity sensor.



1/2" Grain Proximity Sensor Calibration

The calibration procedure below applies to JD moisture sensor kit (750600) and the Case IH moisture sensor kit (750863) (2015 and earlier) which use the 1/2" NPT proximity switch (750591). A new grain proximity sensor must be calibrated after installation.



750591 1/2" NPT Proxy Sensor

Step 1: Begin by ensuring no grain is present on the proximity switch during the calibration procedure. Next, turn the adjustment screw clockwise until the moisture sensor motor RUNS and the yellow light turns ON.

Note: The adjustment screw may have RTV silicone covering the head of the screw. Use a pick or similar tool to remove the silicone in order to gain access to the flat head adjustment screw.

Step 2: Adjust the screw 3 turns counterclockwise for all crops.

