

Tech Bulletin: YieldSense Moisture Sensor Updates for 2016

July 6, 2016

YieldSense™

New Grain Proximity Sensor for Moisture Sensor Kits

The Grain Proximity Sensor switch changed from 1/2" NPT version (750591) to 30 mm version mounted in plastic flange (750247 flange mount and level switch).

- The new sensor is more robust to surface moisture that could cause false grain detection.
- The new sensor has a new calibration setting method, and is set from the factory to work with the majority of crops (including corn, soybeans, wheat). Certain crops may require a different proximity sensor setting.

NOTE: For the Grain Proximity Sensor Installation Instructions (955605) click [Here](#). For the Grain Proximity Sensor Calibration Procedure (955606) click [Here](#).

YSM Controlled Moisture Sensor Motor

All moisture sensor kits shipped in 2016 will have their motor state controlled directly by the YSM.

- When grain is present, the motor is cycled on and off every second, and moisture readings are only taken while the motor is off. This produces a much smoother and accurate moisture sensor reading.
- 750575 PP moisture sensor base harness is replaced by 750968 (YSM controlled version does not have a timer module on it).
- 750567 AgLeader moisture sensor base harness is replaced by 750257 (YSM controlled version does not have a timer module on it).
- 2016.5 or later software is required for 2016 and later moisture sensor control.

New Moisture Sensor Module

A new Moisture Sensor Module has been designed to be more robust against variable ground voltage noise.

- This produces a more accurate moisture sensor reading and a more consistent moisture offset.
- 750253 Moisture Sensor Module replaces 750590 and 750612.

Accessories for Moisture Sensors

750129 Bracket allows the Precision Planting 750253 Moisture Sensor Module to be mounted on an AgLeader moisture sensor frame that has the lower tab/upper stud mount.

- Required when replacing an AgLeader moisture sensor module with a PP moisture sensor module.

750857 Case IH OEM Moisture Sensor adapter harness (8 pin PP to 6 pin Case).

- Allows 750257 AgLeader analog moisture harness to control a Case OEM Moisture Sensor.

750854 JD Moisture Sensor Replacement Cover Plate.

- Used when removing a 750600 JD moisture sensor kit from a combine.