Troubleshooting Moisture Sensor

Things to check first

Has the moisture been calibrated?

Does the moisture sensor still have a good ground?

What is the temperature reading (if -20 the moisture sensor is no good or bad cabling)

Is the correct M1 set in the monitor for that grain type?

Is the moisture sensor plugged in?

Is the monitor set on manual or auto moisture?

Check moisture offset.

On PF/YM style moisture sensors check the color of the temperature sensor (dot below the moisture sensor spade). Bronze means the sensor is good, Silver normally means the sensor is bad.

Moisture is not registering

Is it on manual or auto moisture (if on manual the moisture will stay constant)

What is the moisture offset (if set to high the moisture will give an inaccurate reading)

The proximity switch may not properly adjusted

Build up of green material or mud on the sensor

There is no grain flowing through the combine

Moisture reading stays consistently at 5%

Proximity switch has build up on it and needs cleaned off (may need plastic insert)

Elevator mount unit needs to have proper adjustment on proximity switch. Click HERE for proper adjustment steps.

Ground strap needs to be reground

Check Temp

Moisture reading is 40%

Check for debris on sensor -green matter, mud etc.

Moisture reading suddenly gives inaccurate reading
Is the customer using a two-way radio or other type of electronic device when the reading is changing?

**Motor testing**

To by-pass proximity switch... move the 5 amp fuse to the 15 amp place off the battery, if the fuse blows, then the motor is bad - also may smell. If motor runs fine, then other problems... possibly relay switch sticking, or wiring. To test the Proximity switch, put a finger on the eye of the switch on the inside by the moisture sensor, if the light comes on, then the switch is alright. If the Relay switch doesn’t click that is more than likely the problem.