

Fall 2020 YieldSense Gen 3 Specific Troubleshooting Notes

Radio Interference

- Pre-2020 YSMs are more susceptible to radio interference.
- The change has been marked by a change in part numbers, which can be seen printed on the side of the YSM.
- 751130 is old (—2020), 751245 is new (2020+)
- Symptoms of radio interference include: Missing grain property bucket, missing crud brush, or other errors which, when physically confirmed, do not actually exist; keying a radio causes yield to spike inaccurately.
- The 751130 old YSM can be updated for free through this form: [Update YSM Here](#)

Secondary YSM Systems

- Some older models of combines required a secondary YSM on Gen 1 and 2 systems.
- Gen 3 systems on these combines DO NOT require a second YSM, but DO require harnessing to the additional speed and height sensors.
- Combine Models Referenced: JD 9x00/9x10 , CNH 2x77/2x88 , Lexion 400 series
- The speed and height sensors will connect to the 750819 harness, which will connect to the middle plug of the Gen3 YSM.
- For more details, see the order guide, or refer to the [Operators Guide Diagrams Here](#).

2020.1.x Harvest Software

- 2020.1.x Harvest Software added Cab Control Module (CCM) Swath Features.
- The middle 3 Section Switches will manually swath the combine head, changing the effective head width. (Same as manually touching/ swathing off each row on the display).
- Each of the 3 section switches will control 1/3 of the combine head width. This is a predefined setting that cannot be changed.
- All of the cab control module switches (including master plant switch) will need to be on/up for standard operation
- If the CCM is NOT plugged into the display, it must be disabled through Setup > Systems > Display > Cab Control Module Present > Not Present.

Pre 2020.1.9 software will NOT communicate with OEM CAN.

GPS / Speed Harnessing

- YieldSense Gen3 systems, like Gen2 systems, have the option to connect the GPS into a connection either inside the cab or outside the cab by the YSM.
- SeedSense AND YieldSense Gen3 systems, **UNLIKE** Gen2 systems, intake the speed inputs through a connection (separate of power and CAN) into the DBM. Therefore, all Gen3 systems require GPS input through the 725155 Harness.
- If the external GPS connection is used, the DBM will **STILL** need to be connected to the speed input, through the cab harness.

