

InCommand® Version 6.0 Firmware Release

Ag Leader Technology® is pleased to announce the release of new firmware. Features and improvements in this version are listed below. This free upgrade is available for download from <http://www.agleader.com>.

IMPORTANT!

- A. It is recommended that a backup be created prior to upgrading display firmware
- B. SMS™ Version 20.5 required to read in map data from version 6.0

New in 6.0

General

- **NEW:** All Field Operations Unlock – InCommand® 800 (Guidance Only) displays
- **ENHANCED:** CartACE™ collision warnings (TIA-145)

GPS & Guidance

- **NEW:** SteerCommand® Z2 integrated steering system
- **NEW:** SteadySteer™ assisted steering system
- **NEW:** View heading of AB line from pattern group manager

Planting

- **NEW:** SureSpeed™ high speed planting system
- **NEW:** Planter check for verifying SureSpeed™ functionality (Figure 1)
- **NEW:** Downforce not responding alarm for rows with improper gauge wheel load (SureForce®, & RxR Downforce)
- **FIXED:** Spacing quality map missing for RCM configurations not running rate control (SureForce®, & RxR Downforce)



Figure 1 – SureSpeed™ System Planter Check

New in 5.5

General

- **NEW:** CartACE™: Use harvest maps from one or more combines to automatically generate a guidance line between one or more grain carts (DisplayCast® Required) (Figure 1)
- **NEW:** CartACE™: Live Grain Tank Counter available on AgFiniti Mobile & other grain cart displays running CartACE (DisplayCast Required®) (Figure 1)
- **NEW:** ISOBUS Task Controller mapping support for configurations that apply multiple products across the same boom or sections (TC-GEO Example 8) (Examples: Raven RCM with Direct Injection, ARAG Planting/Seeding & others)
- **NEW:** ISOBUS Task Controller support for ECU's that can be controlled with different unit types (Example: some seeders planting in seeds/ac or seeding in lbs/ac)
- **ENHANCED:** ISOBUS Load 'N Go populates connection type & offset from implement
- **FIXED:** ISOBUS mapping gaps with some ECU's when the device work state is shutoff before the section delays expire (Example: Lemken Air Seeder, CNH Air Seeder)

Harvest

- **NEW:** Grain tank reset sensor support harvest configurations (Figure 2)
- **NEW:** Harvest crop type support for grapes & olives
- **NEW:** Quantimeter harvest support for CLAAS Lexion 7XXX & 8XXX model combines
- **NEW:** Ag Leader® harvest support for CLAAS Tucano 5xx model combines

GPS & Guidance

- **NEW:** Path smoothing options for SmartPath® & FollowPath™ guidance lines. (Figure 3)
- **NEW:** Ability to cycle forward & backward through pattern groups (Figure 4)
- **ENHANCED:** Remark A with one button press

Planting

- **NEW:** SureForce support for Monosem narrow row units (See supported platform matrix)
- **NEW:** Support for RCM2 modules (SureDrive®, SureForce®, & RxR Downforce)
- **NEW:** Graphical planter diagnostics (SureDrive®, SureForce®, & RxR Downforce) (Figure 5)
- **ENHANCED:** Raised population limits for ASM crops (SureDrive®)
- **FIXED:** Downforce linkage types losing assignment (SureDrive®, SureForce®, & RxR Downforce)

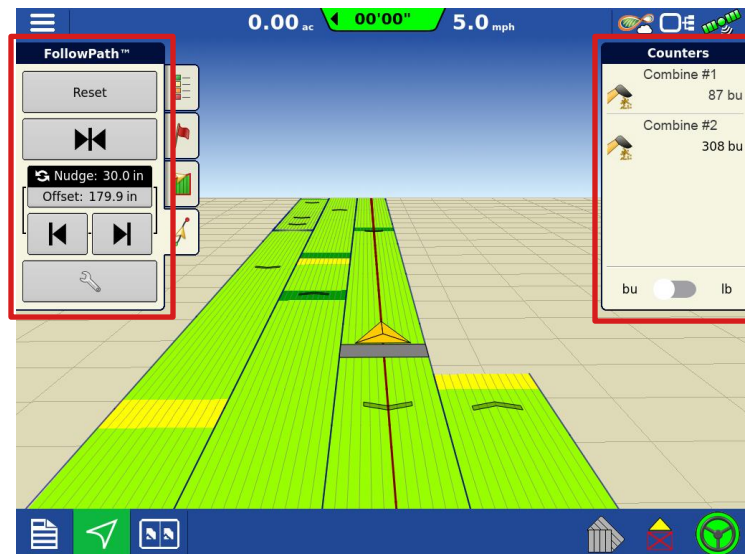
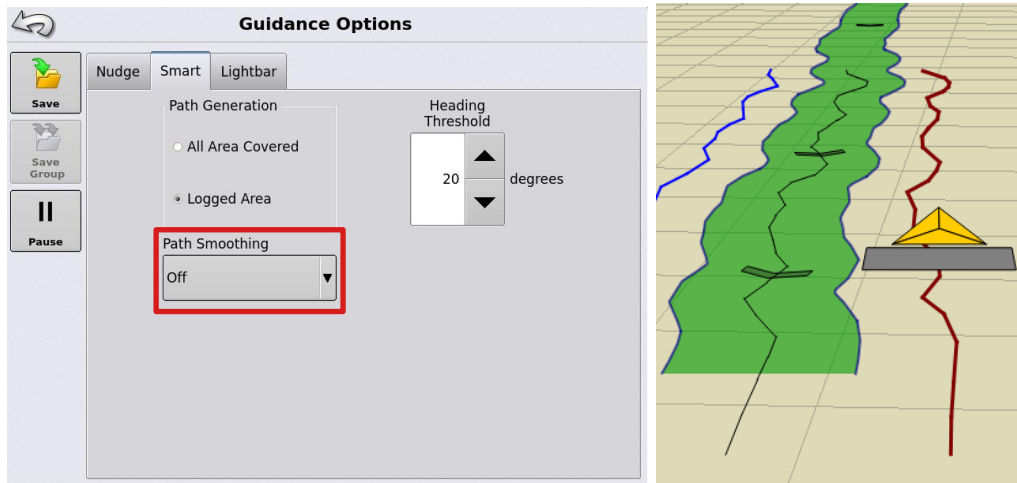


Figure 1 – CartACE™ in the grain cart (Left = FollowPath, Right = Live Grain Tank Counters)



Figure 2 – Grain tank reset sensor information in the combine



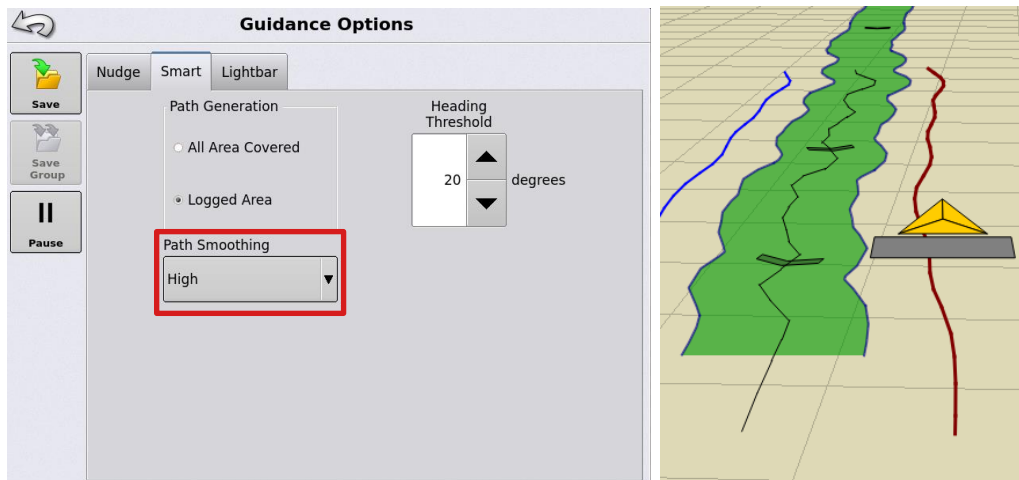


Figure 3 – Path Smoothing off vs Path Smoothing High (*exaggerated jagged guidance line)

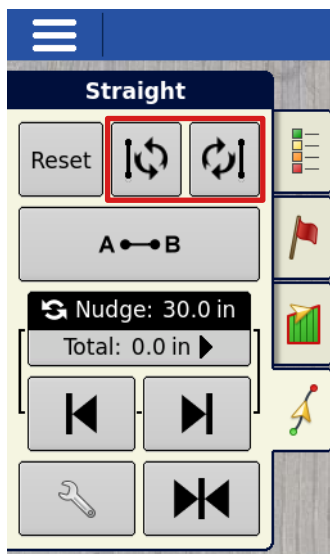


Figure 4 – Cycle forward and backward through pattern groups

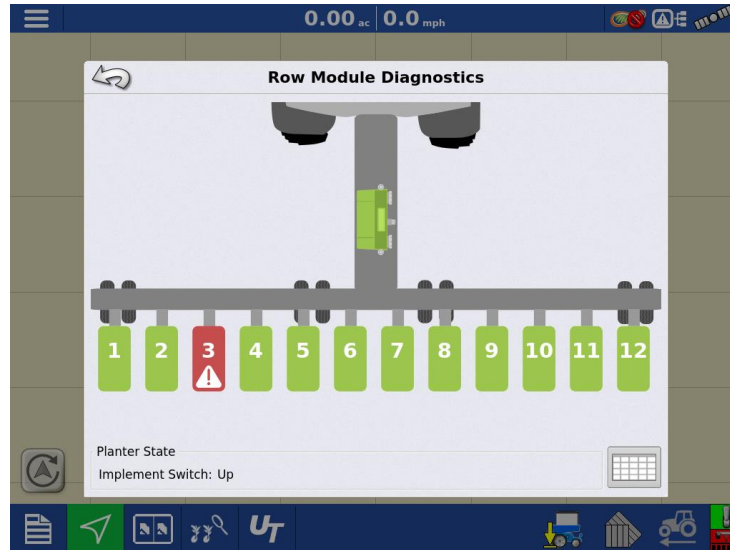


Figure 5 – Graphical planter diagnostics to help troubleshoot down to the row

New in 5.0

General

- **ENHANCED:** More robust networking to help maintain AgFiniti® connection

Harvest

- **ENHANCED:** Harvest support for 2019 Case X150 and X250 model combines

GPS & Guidance

- **NEW:** Support for Terrastar-X with GPS 7500

Planting

- **NEW:** Implement switch status on the map screen (RxR Downforce, SureDrive® & SureForce®) (Figure 1)
- **NEW:** Additional troubleshooting information for CAN, high current power & load pins (RxR Downforce, SureDrive® & SureForce®)
- **ENHANCED:** Graphical generator diagnostics (RxR Downforce, SureDrive® & SureForce®) (Figure 2)
- **ENHANCED:** Row number added to Alert History (RxR Downforce, SureDrive® & SureForce®)
- **ENHANCED:** Alarm text to better describe issues (RxR Downforce, SureDrive® & SureForce®)

- **ENHANCED:** Instructions to achieve a successful pressure sensor calibration (RxR Downforce & SureForce®)
- **ENHANCED:** Downforce status indicator on map screen (SureForce®) (Figure 3)
- **ENHANCED:** Ability to reactivate SureForce from the map screen after a low power event (SureForce®) (Figure 3)

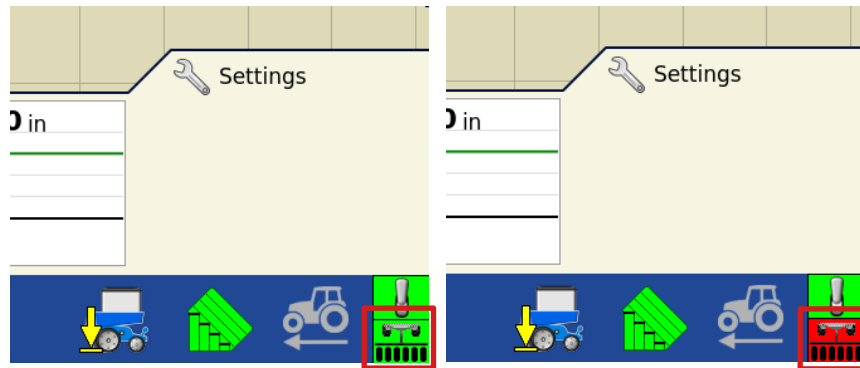


Figure 1 – Implement Status (Green = Down, Red = Up)

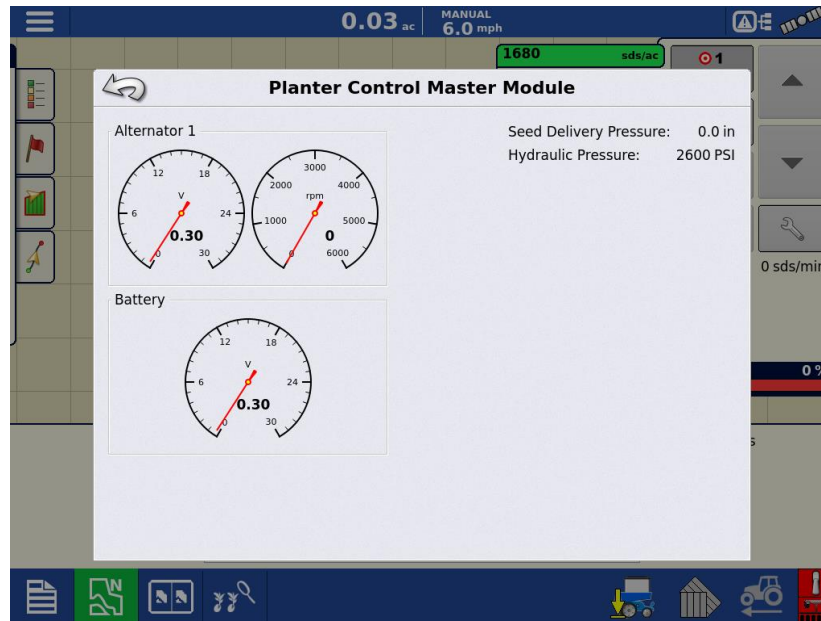


Figure 2 – Graphical PCM generator diagnostics

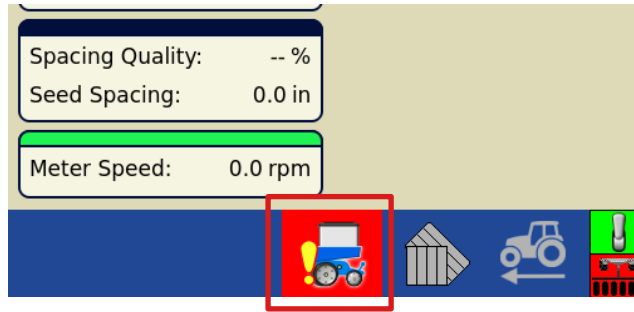


Figure 3 – Downforce control status indication & reactivation

New in 4.7

General

- **ENHANCED:** Remark A moved to Guidance Toolbox (Figure 1)
- **FIXED:** Display creates core file on startup

Planting

- **FIXED:** RCM's losing communication with display (TIA-136)

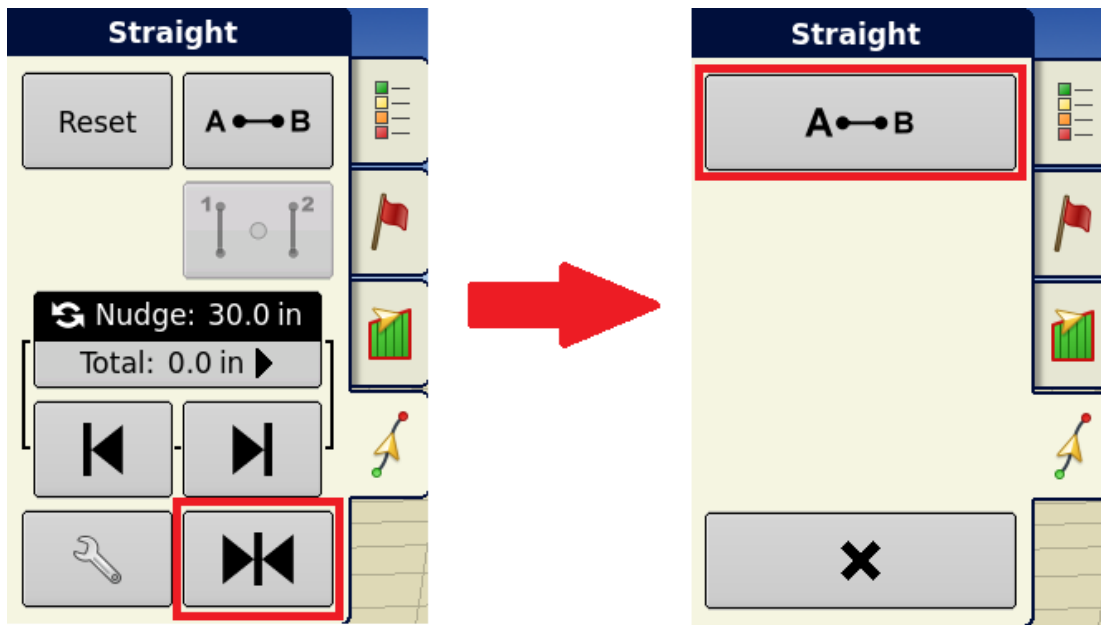



Figure 1: Remark A

Instructions for updating:

1. Copy the latest upgrade file to your external USB drive. It will have a .fw3 file extension.
2. Insert the external USB drive in the display



8. Display will process the file and ask “The upgrade is ready to install. Would you like to continue?” Press 

9. Display will cycle power automatically

10. The display upgrade will progress through 100% and then automatically power cycle.

The upgrade is now complete