GreenStar™ Displays

Software Update 22-2 Release Notes
3.36.1073

Software Versions

The items in this chart are included in this software bundle. Bold items have changed from previous releases with either new feature enhancements or resolved items. Please contact your John Deere dealer to update controllers not included with this software bundle.

Version #	Description
3.36.1073	GreenStar™ 2630 Display
2.8.1033	GreenStar™ 2100/2600 Display
2.15.1096	GreenStar™ 1800 Display
GSD 1.97 B	Original GreenStar™ Display
GR7 6.40 E	**StarFire™ 7000 Receiver**
GR6 4.60 H	StarFire™ 6000 Receiver
ITC 2.80 S	StarFire™ 3000 Receiver
ITC 3.73 H	StarFire™ iTC Receiver
LCR 1.10 C	StarFire™ 300 Receiver
SF 7.70 B	StarFire™ Gen II Receiver
1.10A	Machine Communication Radio
TCM 1.09 A	TCM
2.71 Z	Application Controller 1100 (iGrade™, Active Implement Guidance, Distance Trip) (S.N. PCXL01B100000 – PCXL01B200999)
1.51 Y	Application Controller 1120 (Yield Documentation Specialty Crop, Mobile Weather, Harvest Identification, Cotton) (S.N. PCXL02B100000 – PCXL02B200999)
3.20 A	Application Controller 1100 (iGrade™, Active Implement Guidance, Distance Trip) (S.N. PCXL01C201000 -)
3.20 A	Application Controller 1120 (Yield Documentation Specialty Crop, Mobile Weather, Harvest Identification, Cotton) (S.N. PCXL02C201000 -)
ATU 1.13 A	AutoTrac™ Universal 100
ATU 2.30 A	AutoTrac™ Universal 200
ATU 3.24 M	AutoTrac™ Universal 300
RG2 2.04 B	AutoTrac™ RowSense™ – Universal
CAT 1.11 B	AutoTrac™ Controller (Deere)
ATC 3.24 M	AutoTrac™ Controller 300
GRC 3.70 K	GreenStar™ Rate Controller
GDC 2.11 A*	GreenStar™ Rate Controller Dry
VGC 4.01 V	AutoTrac™ Vision Guidance
HMCT 1.20 A	Harvest Monitor™ Cotton SCM
CMFS 2.07 C	Cotton Mass Flow Sensor CMFS
SMON 1.73 A	Original Harvest Monitor™ SPFH
HMON 1.20 C	Harvest Monitor™ Combine with In-Tank Moisture
MST 7.01 B	Harvest Monitor™ Elevator Mount Moisture Board
AC 2.11	Original Air Cart
SMVR 1.01 M	SeedStar™ Gen II

New Features

GreenStar™ 3 2630 Display

Important Notes:

- Installation time will vary depending on the amount of existing data and the software version currently on the display. On average, total install time is 10-15 minutes.
- It is recommended to back up display data, prior to updating any Software as a precaution, to protect your information.
- It is suggested to erase all data from your GreenStar™ 3 2630 Display before loading new Setup Data, in an effort to remove unnecessary and potentially corrupt files that may hinder display performance.
- To ensure complete and proper functionality, the most current version of GreenStar™ Display and Operations Center, Apex™, or preferred partner desktop software should be used.

Compatibility:

- For John Deere Machine Sync functionality, GreenStar™ 3 2630 Displays must operate with matching software versions. (18-1 recommended).
- For John Deere Machine Sync – coverage map sharing, shared coverage maps will not persist after updating displays from SU15-2 to any newer version. Perform software update at the conclusion of field operations to ensure no coverage maps are lost.
- Coverage maps will not persist if GreenStar™ 3 2630 Display software is backdated from 18-1 to SU15-2 or older software version.
- ISOBUS AEF Certification functionality is only approved for 30 Series and newer tractors.
- ISOBUS AEF Certification functionality will disable the use of the virtual Original GreenStar™ Monitor mode within the GreenStar™ 3 2630 Display and controllers that are designed for use with the Original GreenStar™ Monitor mode.
- Turn on the Original GreenStar™ Monitor emulator when reprogramming controllers through the display. This is required for most legacy controllers.
- Generation 4 CommandCenter™ setup profiles will not directly import into the GreenStar™ 3 2630 Display. In order to import Gen4 CommandCenter™ profiles, first export data from the GreenStar™ 3 2630 Display with the profile name “JD4600”. Next, using the same USB, export all data from the Gen4 CommandCenter™. All data will be merged into the JD4600 profile and then can be imported into the GreenStar™ 3 2630 Display.
- Software Version (18-1) is backwards compatible on all previous GreenStar™ 3 2630 Display hardware revisions. GreenStar™ 3 2630 Display software (15-2 and earlier) is not compatible with new GreenStar™ 3 2630 Display hardware revision H and later. GreenStar™ 3 2630 Display software (16-1 and earlier) is not compatible with new GreenStar™ 3 2630 Display hardware revision J and later. Hardware revision letter is found in the 7th digit of the display’s serial number.

- Software version 18-1 is backward compatible with AYM controller software older than v83.11.
- All data created with 18-1 software will not be backwards compatible. Data created with software versions 17-1 and older will need to be cleared off display and a new setup file will need to be imported.
- For full Coverage Map Sharing (CMS) functionality, GreenStar™ 3 2630 Displays must operate on 18-1 software.

StarFire™ 7000

NOTE: StarFire 7000 Receiver software is available separately from the display bundle under the StarFire 7000 Receiver on Stellar Support > Software Updates.

These release notes provide important information for the all new StarFire 7000 Receiver.

I. Overview

StarFire 7000 Receiver is a global navigation satellite system (GNSS) receiver with an integrated 3-axis terrain compensation. StarFire 7000 Receiver provides different levels of accuracy that can be upgraded. As farming needs change, higher levels of accuracy can be used without needing to buy a new receiver.

The StarFire network offers three signal levels: SF1, real-time kinematic (RTK), and SF-RTK. SF-RTK provides a long-term repeatability with a 5-year guarantee as long as the Accuracy Indicator displays 100% and the receiver is not operated in areas of seismic activity.

The StarFire 7000 receiver tracks the same satellite signals as the StarFire 6000 (GPS and Glonass) plus the addition of BeiDou, Galileo and Quasi-Zenith Satellite System (QZSS).

II. Compatibility

- Mounting Brackets:
  - The StarFire 7000 Receiver mounts to machine or implement using the square-hoop-style mounting brackets previously used with the StarFire 6000 Receiver.
- Displays
  - The StarFire 7000 Receiver is compatible with a wide variety of John Deere displays including the GreenStar™ 2 1800 Display, GreenStar 3 2630 Display, GreenStar 3 CommandCenter™, and Generation 4 family of displays.

NOTE: GreenStar 2 2600 and Original GreenStar display are not supported with the StarFire 7000 Receiver.

III. Licenses

The StarFire 7000 Receivers comes with SF1 signal. SF-RTK requires a renewable license and radio/cellular RTK requires an RTK Ready permanent licenses.

IV. Publications

Reference the StarFire 7000 Receiver Operator's Manual for setup information. Operator's Manuals are available for purchase though your John Deere dealer.

Diagnostics and troubleshooting information can be found in Technical Manuals available from your John Deere dealer.

V. Support Strategy

Reprogramming:

- There is an onboard USB port on the StarFire 7000 Universal that can be used to update the receiver directly. Updates can be downloaded using GS Live Update which can be downloaded from StellarSupport™. The integrated receiver can be updated using the machine's onboard USB port. Updates can be downloaded using Software Manager with the latest bundle release found on StellarSupport™.

VI. Service Parts and Attachments

More than 20 service parts are now available for the StarFire 7000 Universal receiver!

- See your John Deere dealer for a parts breakdown.

Attachments:

- Option – Locking Bracket
    - Enables locking the StarFire 7000 Universal Receiver to the cab to deter theft. PIN protection has also been carried over from the StarFire 6000 features.

Resolved Items

GreenStar™ 3 2630 Display

Implement Width

- Display will not produce a coverage map operating with implements configured with one zero width section.
- Grey Implement width bar disappears after 17-1 update.

Advanced AutoTrac™ Settings – When using Reichhardt® advanced AutoTrac™ settings, the increase and decrease buttons max out at 255 instead of 200 when pressed several times.

Universal Performance Monitor (UPM) – Universal Performance Monitor missing in dual display setup with Generation 4 CommandCenter™.

Documentation – Yield and coverage maps are not retained after display shutdown.

Mapping – Gaps in Harvest Coverage Maps on combines running Active Yield.

Section Control

- When running Section Control with Slurry & Manure Constituent Sensing (MCS) combination, the MCS coverage map does not match the Slurry applicator.
- Section Control does not work with a connected Amazone Fertilizer.
- Display maps a section of false coverage causing gaps with Section Control, i.e. map flips.

Baler Automation – Baler automation will not engage with 3.19.1117 or newer 2630 software.

AutoTrac™ RowSense™ – When operating with RowSense™ enabled, in GPS-only mode, the AB line shift buttons will not shift the AB line causing the machine to steer onto the crop.

Receiver cab-offsets – StarFire receiver cab-offset shows on the wrong side for 6-walker combines.

Status Errors

VII. Status error 0.1CE8.00001 occurs when the display is connected to a 4G MTG LTE.
VIII. Status error assertion failure 1.0640.00246.

Machine Sync Harvest Automation – Wireless Connection Error.

Release Notice

These are software release notes for the GreenStar™ 3 Displays and related products. Release Notes can be found on www.stellarsupport.com. Note: Your use of the software is governed by the End User License Agreement included with the software.