

GreenStar™ Displays

Software Update 20-3 Release Notes
3.36.1073



JOHN DEERE

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 |
| | |
| GR6 4.40 P | 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 -) |
| 1.51 Y | Application Controller 1120 (Yield Documentation Specialty Crop, Mobile Weather, Harvest Identification, Cotton) (S.N. PCXL02B100000 -) |
| 3.14 A | Application Controller 1100 (iGrade™, Active Implement Guidance, Distance Trip) (S.N. PCXL01C201000 -) |
| 3.14 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 3.23 R | AutoTrac™ Universal 300 |
| RG2 2.04 B | AutoTrac™ RowSense™ – Universal |
| CAT 1.11 B | AutoTrac™ Controller (Deere) |
| ATC 3.23 R | 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.

AutoTrac™ Universal 300

Self-Propelled Windrower Performance

This release includes performance enhancements for the W170 Self-Propelled Windrower up to 19.3 km/h (12 mph) for straight track, as well as enhancements for curve and circle track.

High Curvature Performance Enhancement

This release includes performance enhancements for row-crop machines during high curvature situations using reverse, slow speeds, and high speeds.

Self-Propelled Sprayer Performance Enhancement

This release includes performance enhancements for self-propelled sprayers at high speeds on straight track (25.7-32.2 km/h [16-20 mph]), curve track (up to 24.1 km/h [15 mph]), and circle track (up to 16.1 km/h [10 mph]).

AutoTrac™ Controller 300

Sound-Gard™ Tractor Platform Expansion

This release includes the expansion of the AutoTrac™ Controller 300 to include Sound-Gard™ tractors. Refer to the AutoTrac™ Controller 300 Ordering Guide in the Value Selling Navigator for compatibility.

Self-Propelled Sprayer Platform Expansion

This release includes the expansion of the AutoTrac™ Controller 300 to include front wheel steer self-propelled sprayers. Refer to the AutoTrac™ Controller 300 Ordering Guide in the Value Selling Navigator for compatibility.

High Curvature Performance Enhancement

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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 Reichardt® 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

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

Machine Sync Harvest Automation – Wireless Connection Error.

AutoTrac™ Universal 300

Removed Erroneous DTC USC 523659.12

This release fixes the issue of DTC USC 523659.12 populating erroneously and kicking out AutoTrac™ by removing this DTC from the software.

AutoTrac™ Resume Switch Timer Logic Corrected

This release fixes the issue with the AutoTrac™ resume switch press and release timer, changing it from 30 seconds between press and release to 3 seconds. DTC USC 523767.03 will now trigger when the resume switch is held longer than 3 seconds to inform the operator the resume switch is closed.

Payload File Name Changed

This release addresses the complaint of the naming of the AutoTrac™ payload on a GreenStar™ 3 2630 Display. This has changed from ATU300 to ATU-C300 and will only appear when you are using the .GST tile and program through the reprogramming page.

Czech Language Translation Corrected

This release fixes the incorrectly translated Czech terms.

GPS to Fixed Axle Limit Increased

This release increases the limit for the GPS to 686 cm (270 in) to address longer wheelbase sprayers.

Portuguese Language Translation Corrected

This release fixes the issue of the translation for Installation Calibration being incorrect.

Resolved Two Track Tractor Performance

This release fixes the issue of poor two track tractor performance. This performance has been validated on straight track, circle track, and curve track.

AutoTrac™ Controller 300

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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.