

GreenStar™ Displays and System Components

These instructions cover installing GreenStar[™] Live Update, downloading updates, and updating GreenStar[™] displays along with system components. GreenStar[™] Live Update is a utility that runs on a laptop or desktop and is compatible with Microsoft Windows® operating systems. It provides an alert when an update is available and manages the downloading and handling of update files for GreenStar[™] displays and system components including StarFire[™] Receivers, Original GreenStar[™] Displays, GreenStar[™] Rate Controller, etc.

Table of Contents

Section A – Download and Install GreenStar™ Live Update	2
Section B – Copy Update Files to External Memory Card	6
Section C – GreenStar™ 2 2100 and 2600 Displays	9
Section D – GreenStar™ 2 1800 Display	11
Section E – GreenStar™ 3 2630 Display	13
Section F – Formatting a New Compact Flash Card or USB	14
Section G – Removing Files Off Compact Flash Card or USB	16
Section H – Verifying Current Version of Software Installed	17

Section A

Download and Install GS Live Update

If you already have GS Live Update installed, go to Section B. Otherwise, proceed with the following steps.

- 1. Go to <u>www.deere.com</u>.
- 2. Click on Parts & Service.
- 3. Click StellarSupport[™] from the drop-down menu.
- 4. Click on Software Updates.
- Click to expand the GreenStar[™] 3 2630 & GreenStar[™] 2 (1800, 2100/2600) Displays & Controllers section.
- 6. Click on the Download button.
- 7. Click Save.



8. Click on Desktop first; then Save.



NOTE: If the following window appears, click Run and go to Step 6.

ownload comp	lete		_ <u>_</u>
Dowr	nload Complete		
GS2LiveUpdateS	etupNA.exe from stellars	upport.deere.c	om
Downloaded: Download to: Transfer rate:	23.8MB in 17 sec C:\Doc\GS2LiveUpo 1.40MB/Sec	lateSetupNA.e>	æ
Close this dia	log box when download	completes	
		o	I
	<u>H</u> un	Upen Folder	Llose

- 9. Once the application has finished downloading, locate the GSLiveUpdateSetup.exe icon in your desktop and double click it.
- 10. Select your country and language, and then press Next.

S John Deere GS Live Update Setup	
Select a country and language from options you want and click Next to continue. Select a country:	
United States / Canada 🔹	
Select a language:	
English]
	Next > Cancel

11. Check the box related to the display(s) that you currently own in order to download the appropriate software and click Next to continue.

NOTE: It is recommended to select every display that you own so that the updates are downloaded at the same time. If you need to download an update for a display at a later time, return to Deere.com and select the download button for that display's update, see Step 1.

GreenStar Displays	121 N. 121	7
Select the Green Star displays that you would like to receive	software updates for.	C
Please select from the following display models:	2600 Display	
GS2 2100/2600	<u>8 2100</u>	
GS2 1800		
GS3 2630	1800 Display	
~		
	2630 Display	
Note: You may select as many options as you want.		
Each display model that you select will increase your downlo	ad time.	

12. Read the Welcome page and click Next to continue

John Deere GS Live Update Setup	-
Welcome Welcome to the installer for GS Live Update.)
The GreenStar Live Update installer wizard will walk you through the installation of GS Live Update. GS Live Update will periodically notify you of updates required for your GreenStar System. Click Next to continue.	
< <u>Back</u> <u>Next</u> > <u>Cancel</u>	

13. Read the software license agreement for Live Update, select "I agree..." and Next to continue.



14. Make sure the Create GS Live Update shortcut on desktop is selected and click Next. Live Update will automatically open.



Section B

Copy Update Files to External Memory Card

Memory Card refers to Compact Flash Card or USB memory device depending on whether the GreenStar[™] 2 2100/2600 or GreenStar[™] 2 1800/GreenStar[™] 3 2630 display is being updated, respectively.

- 1. Open Live Update if it is not already open.
- 2. Insert Memory Card into computer. Verify that only one memory card is inserted.
- 3. Select **Info** to determine the version of software currently in Live Update for each display.



NOTE: The version of software currently in Live Update should be greater than the current version installed on the display. Please refer to Section H, Steps 1-5 for more information. 4. Select Next to check for the latest updates.



NOTE: It is recommended to clear all update files from your memory card before performing step 5. Please refer to Section G, Steps 1-9 for instructions on this process.

IMPORTANT: Remove all reprogramming files off before installing new update files to the memory card or USB.

NOTE: If this is the first time you are using your new memory card, you will need to format it before saving any update files to it. Please refer to Section F, steps 1-7 for further instruction on this process.

5. Select **Copy** to transfer the update files from Live Update to your memory card.



 Select Display Model and drive letter. If your memory card does not show up, unplug the card reader or USB memory stick and try another USB port, then press Refresh until it appears. Click on Copy Now to copy the updates to the memory card.

😫 John Deere GS Live Update	×
Copy Software to storage device	
Select the display model and the letter of the storage device and click "Copy Now" to o storage device. Note: If the appropriate drive letter is not in the dropdown list above, make sure the stor is in the drive, and press Refresh.	copy to rage device
Select display model:	
2630	•
Select drive letter:	
Removable Disk (D:)	•
Do not copy display software for two different display models onto the same storage med	dia. Jancel

7. When the update is done you will see the following window. Click **Close.**



8. Remove the memory card from the computer.

Section C

GreenStar[™] 2 2100 and 2600 Displays

The display will not be available for use during software updates. Updating the display and other controllers may take an hour or more.

IMPORTANT: Do not remove switched power, unswitched power, or flash card while reprogramming.

- 1. Insert compact flash card into the display (with system OFF).
- 2. Turn on the key in the machine to power the display.

NOTE: The display will check the software versions of the display and applicable controllers connected to the system and list the updates available on the flash card. If this message is not displayed, download and copy the software update to the flash card again.



3. Select Cancel to manually complete updates to display and controllers



NOTE: Do not press the Accept if there is a display update. Execute software updates manually by following the proceeding steps.

4. Using the menu, select Message Center.

5. Select softkey "A".

Nessa	ge Center - Reprogram Device			4	
	System Bundle Version	: V_2.8.1	033_124H	R	i
	Component	Soft	ware Version		Ē
	GreenStar Display 2600 updated//	V_2.8.1 Card:	033 V_2.8.1033		10 Pape Distance 12 Adus 12 Adus 12 Adus 14 Adus 14 Adus 14 Adus
	GPS Receiver	2.70A Card:	2.805		
	App Controller 1120	Card:	1.51V		
	AirCart Controller	Card:	0.11 A		
₽	Steering Controller	Card:	1.13A		
	Reprogram				11:49pm
	Device				

- 6. Select the GreenStar[™] Display and select "E" (Reprogram Device).
- 7. In the drop-down box beside Change to version, select the latest software version.

Reprogra	am Device	
لا GPS Receiver 2	<u>ersion</u> 2.805	
Change to Version	\	
E //		
		12:59ar

- 8. Select Accept
- 9. The following message will appear when the update is complete: *The update was successfully installed.*
- 10. Repeat steps 6-9 in this section to update individual controllers.

Section D

GreenStar™ 2 1800 Display

The display will check the software versions of the display and applicable controllers connected to the system and list the updates available on the USB memory. If this message is not displayed, download and copy the software update to the USB memory again. Controller updates (e.g. StarFire[™] Receiver, etc.) remain on the USB device and are not stored in the display.

IMPORTANT: Do not remove switched power, unswitched power, or USB while reprogramming.

- 1. Insert the USB memory device into the display (with system ON).
- 2. A USB Detected message will appear if the display recognizes the USB device. Read and Accept it.
- 3. Select Accept to update the display and all of the controllers listed.



NOTE: The display will not be available for use during software updates. Updating the display and other controllers may take an hour or more. 4. During reprogramming, the following message will appear. The display will reboot itself and continue to reprogram after this message is accepted.



5. Once the update is complete, a message with a Green Check Mark will appear.

Section E

GreenStar™ 3 2630 Display

The display will check the software versions of the display and applicable controllers connected to the system and list the updates available on the USB memory. If this message is not displayed, download and copy the software update to the USB memory again. Controller updates (e.g. StarFire[™] Receiver, etc.) remain on the USB device and are not stored in the display.

IMPORTANT: Do not remove switched power, unswitched power, or USB while reprogramming.

- 1. Insert the USB memory device into the display (with system ON).
- 2. A USB Detected message will appear if the display recognizes the USB device. Read and Accept it.
- 3. Select Accept to update the display and all of the controllers listed.



NOTE: The display will not be available for use during software updates. Updating the display and other controllers may take an hour or more.

4. Once the update is complete, a message with a Green Check Mark will appear.

Section F

Formatting a New Compact Flash Card or USB

The display will check the software versions of the display and applicable controllers connected to the system and list the updates available on the USB memory. If this message is not displayed, you need to verify what version of software you have on the display and memory card.

- 1. To format a new memory card or USB memory, insert the memory card into the computer.
- 2. Open the My Computer icon on the desktop. This may be listed as Computer for Vista® and Windows® 7 OS.
- 3. Right-click on the Drive Letter your memory card is currently plugged into.
- 4. Select the format option.



5. In the pop-up screen, change the File System to FAT32, select the box next to Quick format, and select **Start.**

Lapacity:	
7.54 GB	
ile system	
FAT32 (Default)	
Allocation unit siz	e .
4096 bytes	
Format options	
Quick Forma	IS-DOS startun diek
Concerce entry	o boo startap ast

6. Read the pop-up warning that appears on the next screen, select **OK**.



NOTE: If you format a memory card with data on it, the data will be permanently deleted during the format process. To prevent the loss of vital data, unload all data into Apex[™] or save a copy of the entire memory card content to another location.

7. Acknowledge the format complete message.

Section G

Removing Files Off Compact Flash Card or USB

- 1. To remove old software files off your memory card, insert the memory card into the computer.
- 2. Open the **My Computer** icon on the desktop. This may be listed as **Computer** for Vista® and Windows® 7 OS.
- 3. Open the Drive Letter your memory card is currently plugged into.
- Right-click on the folder whose name begins with "V" followed by a series of numbers. Select the **Delete** option.
- 5. Right-click on the **Programs** folder and select **Delete**.
- 6. Right-click on the **Fonts** folder and select **Delete**.
- 7. Right-click on ManifestFile.sdm and select Delete.
- 8. Right-click on ManifestFile.crc and select Delete.
- 9. Right-click on the Flash Files folder and select Delete.

Note: The **ManifestFile.crc** file, **Flash Files** folder, and **Fonts** folder will only be listed for certain displays.

Section H

Verifying Current Version of Software Installed

- 1. To determine the software version currently installed in a GreenStar[™] Display, select Menu >> Display >> Diagnostics >> About and reference the Application Software Build number.
- 2. To determine the software version currently loaded to the memory card, insert the memory card into the computer.
- 3. Open the **My Computer** icon on the desktop. This may be listed as **Computer** for Vista® and Windows® 7 OS.
- 4. Open the Drive Letter your memory card is currently plugged into.



5. There will be multiple files/folders listed on the page. Record the full name of the folder whose name begins with "**V**" followed by a series of numbers.



NOTE: This number should match the version of software currently in Live Update from Section B, Step 3. This number should also be greater than the current version of software currently in the display. Refer to Section G, Step 1 for further information.