



Connect Mobile



JOHN DEERE

OPERATOR'S MANUAL

Connect Mobile

OMPFP20005 ISSUE H9 (ENGLISH)



CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:



WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Additional Proposition 65 Warnings can be found in this manual.



John Deere Ag Management Solutions

PRINTED IN U.S.A.

Introduction

Foreword

THANK YOU for purchasing a John Deere product.

READ THIS MANUAL carefully to learn how to operate and service your product correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your product may also be available in other languages. (See your John Deere dealer to order.)

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your product and should remain with the product when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the machine or implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I. N.) in the Operator's Manual. Accurately record all the numbers to help in tracing the product should it be stolen. Your dealer also needs these numbers when you order parts. File a backup of the identification numbers in a safe location off the machine or away from the product.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate or statement which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied.

If you are not the original owner of this product, it is in your interest to contact your local John Deere dealer to inform them of this unit's serial number. This will help John Deere notify you of any issues or product improvements.

Serial Number: _____

JS56696,0000C4C-19-03FEB17

John Deere Technical Information Bookstore

Product functionality may not be fully represented in this document due to product changes occurring after the time of printing. Read the latest Operator's Manual prior to operation. To obtain a copy, see your dealer or visit www.deere.com and use the 'Search for Agricultural Equipment Operator's Manuals' link to locate the John Deere Technical Information Bookstore.

CZ76372,000071F-19-17FEB17

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Original Instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

Safety

Recognize Safety Information



T81389—UN—28JUN13

This is a safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.

DX,ALERT-19-29SEP98

Follow Safety Instructions



TS201—UN—15APR13

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.

DX,READ-19-16JUN09

Understand Signal Words



⚠ WARNING

⚠ CAUTION

TS187—19—30SEP88

DANGER; The signal word DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING; The signal word WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION; The signal word CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. CAUTION may also be used to alert against unsafe practices associated with events which could lead to personal injury.

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards. DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

DX,SIGNAL-19-05OCT16

Practice Safe Maintenance



TS218—UN—23AUG88

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing away from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

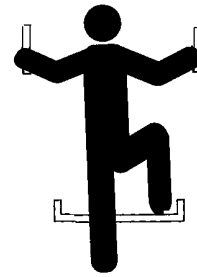
On self-propelled equipment, disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.

On towed implements, disconnect wiring harnesses from tractor before servicing electrical system components or welding on machine.

Falling while cleaning or working at height can cause serious injury. Use a ladder or platform to easily reach each location. Use sturdy and secure footholds and handholds.

DX,SERV-19-28FEB17

Use Steps and Handholds Correctly



T133468—UN—15APR13

Prevent falls by facing the machine when getting on and off. Maintain 3-point contact with steps, handholds, and handrails.

Use extra care when mud, snow, or moisture present slippery conditions. Keep steps clean and free of grease or oil. Never jump when exiting machine. Never mount or dismount a moving machine.

DX,WW,MOUNT-19-12OCT11

Handle Electronic Components and Brackets Safely



TS249—UN—23AUG88

Falling while installing or removing electronic components mounted on equipment can cause serious injury. Use a ladder or platform to easily reach each mounting location. Use sturdy and secure footholds and handholds. Do not install or remove components in wet or icy conditions.

If installing or servicing a RTK base station on a tower or other tall structure, use a certified climber.

If installing or servicing a global positioning receiver mast used on an implement, use proper lifting techniques and wear proper protective equipment. The mast is heavy and can be awkward to handle. Two people are required when mounting locations are not accessible from the ground or from a service platform.

DX,WW,RECEIVER-19-24AUG10

Use Electronic Display Properly

Electronic displays are secondary devices intended to

aid the operator in performing field operations, increase comfort and provide entertainment. Displays offer a wide range of functionality, are used in many different machine system applications and can be used with other secondary devices such as handheld electronic devices.

A secondary device is any device that is not required to operate your machine for its primary use. The operator is always responsible for safe operation and control of the machine.

To prevent injury while operating the machine:

- Position the display according to the installation instructions. Ensure that the device is secured and does not obstruct the driver's view or interfere with the machine operating controls.
- Do not become distracted by the display. Stay alert. Pay attention to the machine and surrounding environment.
- Do not change settings or access any functions that require prolonged use of the display controls while machine is moving. Stop the machine in a safe location and place in park position before attempting such operations.
- Never set the volume so high that you cannot hear outside traffic and emergency vehicles.

To promote safe operation, certain functions of displays may be disabled unless the machine movement is restricted and/or has been placed in the park position. Overriding this safety feature may violate applicable law and can result in damage, serious injury, or death.

Only use available display functionality when conditions permit you to do so safely and in accordance with instructions provided. Always observe safe driving rules, state, or local laws and traffic regulations when using any secondary device.

DX,ELEC,DISPLAY-19-13JAN15

Prevent Electrical Shock and Fires



PC12631—UN—04JUN10

Battery-powered equipment or other electric power sources produce an electrical shock, sparks, or arcs if a

short circuit occurs. Electrical short circuits can reach temperatures high enough to burn people, or ignite or melt common materials.

To prevent injury from electrical shock, burns, or potential fire hazards, always disconnect battery power or other electric power source on equipment before installing or servicing:

- Remove ground (negative terminal [-]) battery clamp.
- Detach and remove battery.
- Switch off main battery or other electric power source.
- Unplug electric power source from equipment.

Understand and follow all local codes and regulations when installing electrical equipment.

HC94949,0000487-19-27JAN14

Avoid Exposure to High Radio Frequency Fields



PC12632—UN—04JUN10

Prevent injury from exposure to high radio frequency fields at the antenna. Do not touch antenna while the system is transmitting. Always disconnect power to the antenna before installing or servicing.

The antenna should always be separated from the operator or nearby persons by a minimum distance of 20 cm (8 in.).

JS56696,0000C0E-19-11DEC12

Remote Controls

Remote controls are intended to allow machine operators to perform actions with the machine from a location which is not a designated operator station. Remote controls can be mechanical or electrical and can be fixed to the machine or wireless. The machine operator is always responsible for safe operation and control of the machine.

To prevent injury when using remote controls:

- If equipped, ensure any audible or visual signals that indicate remote control machine operation are functioning properly.
- Keep away from moving parts. Check the machine's

surroundings and ensure the working area is clear of bystanders or other operators before use. Sound horn if available to alert anyone who may not be visible.

- Maintain visibility of the machine's surroundings and working area throughout remote control operation to prevent bystanders or other operators from entering hazard zones.
- When not in use, or intended for use, turn off or place the remote control in a non-active state to avoid accidental movement.

HC94949,0000AC9-19-06JAN17

System Overview

Theory of Operation



PC25887—UN—03JUL18

A—Wireless Data Server (WDS)
B—Generation 4 Display

C—Tablet
D—John Deere Operations Center

The Connect Mobile application maps and monitors current documentation data. Machine or implement data is sent over the CAN bus and collected by either an external wireless data server (WDS) (A) on the machine or the Connect Mobile Server application on the Generation 4 Display (B). WDS or Connect Mobile Server uses a wireless connection to transfer data to the Connect Mobile application on a tablet (C).

NOTE: To create the Wi-Fi® connection, wireless data server (WDS) hardware is required if using a GreenStar™ 3 2630 Display. WDS hardware is also required for all planter configurations, regardless of the display used.

Other machine configurations with a Generation 4 Display use the Wireless Settings application on the display to create the Wi-Fi® connection.

NOTE: If using the WDS, a WDS antenna is required to create the wireless connection. If using the Connect Mobile Server application, the display uses the Wireless Settings application to communicate with the tablet.

• WDS hardware (if necessary):

- WDS Antenna
- WDS Harness
- Coaxial Cable

A valid John Deere Operations Center account is utilized to provide the interface between the Connect Mobile application and John Deere Operations Center (D).

Software:

- John Deere Operations Center account
- John Deere Connect Mobile application

JO37333,0000044-19-18JUL19

JO37333,0000045-19-30JUL19

Requirements

Hardware:

- GreenStar™ 3 2630 Display, 4600 CommandCenter™, or 4640 Universal Display
- StarFire™ 3000 or 6000 Receiver
- Wi-Fi® enabled tablet

NOTE: Contact your John Deere dealer for a complete list of compatible tablets and operating systems.

John Deere Operations Center



PC20552—UN—15DEC14

Connect Mobile requires a valid John Deere Operations

GreenStar is a trademark of Deere & Company
CommandCenter is a trademark of Deere & Company
StarFire is a trademark of Deere & Company
Wi-Fi is a trademark of Wi-Fi Alliance.

Center account to authenticate the tablet. For more information, see Operating—Updating Software.

JO37333,0000046-19-26JUL19

Component Overview

Tablet



PC21338—UN—08JUL15

A Wi-Fi® enabled tablet gives the user an interface for communication between the machine and other resources. Use tablet to download required applications. A cellular connection is not required, but is recommended.

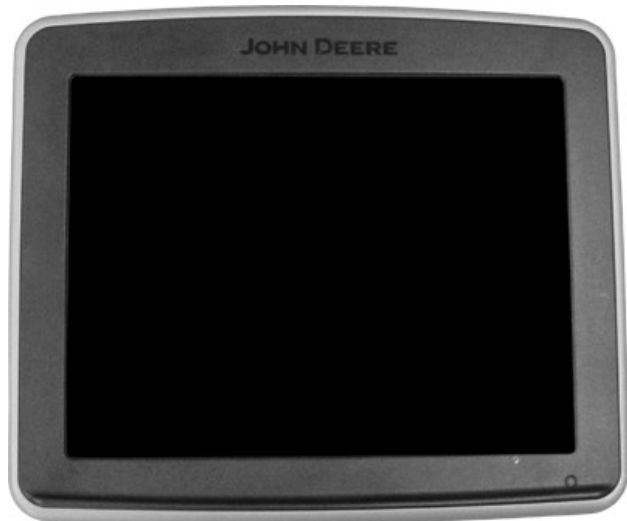
Contact your John Deere dealer for list of compatible tablets and operating systems required for different applications. Language settings of tablet determine language used in mobile applications.

(Refer to tablet Operator's Manual to configure language setting.)

NOTE: Keep tablet at least 0.6 m (2 ft) away from other communication devices such as two-way radios or wireless cameras.

AE77568,00000E6-19-28JUN19

Display



PC13407—UN—20APR11

GreenStar™ 3 2630 Display



PC24742—UN—28SEP17

John Deere 4640 Universal Display

StarFire™ Receiver



PC20203—UN—06NOV14

Receiver uses navigation satellites with StarFire™ correction satellites to determine machine location and direction of travel. An integrated terrain compensation module (TCM) adjusts machine position to compensate for uneven terrain. A receiver activation is required for SF2 or real time kinematics (RTK).

HC94949,000061E-19-10AUG15

The display is the user interface used by the operator to:

- Configure and calibrate system components.
- Monitor system performance.
- Make system adjustments.
- Program software.
- View diagnostic tests.

RW00482,000022F-19-07FEB18

Wi-Fi is a trademark of Wi-Fi Alliance.
StarFire is a trademark of Deere & Company

Wireless Data Server



PC19880—UN—06AUG14

NOTE: The wireless data server (WDS) is utilized with the GreenStar™ 3 2630 Display and in all planter configurations, regardless of the display.

WDS supports data storage and data transfer between devices with CAN bus, Wi-Fi®, and Ethernet interfaces.

NOTE: To prevent loss of data, ensure that data on the WDS is synchronized with the tablet before deleting data or replacing WDS.

WDS collects and packages data from the CAN bus and sends it wirelessly to a tablet. If not connected to a device or tablet, the WDS continues to collect and store data until a connection is made.

JO37333,0000048-19-30JUL19

Wireless Data Server Coaxial Cable and Antenna

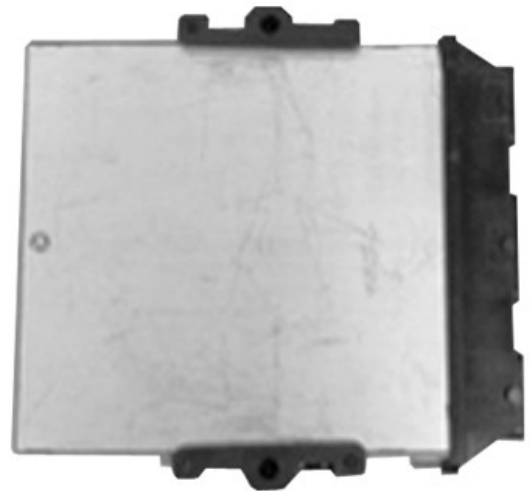


PC19883—UN—06AUG14

Wireless Data Server (WDS) antenna enables Wi-Fi® connection to tablet. WDS antenna and coaxial cable are required to create unobstructed Wi-Fi® connection between WDS and tablet. Maximum wireless distance between antenna and tablet is 15.2 m (50 ft).

AE77568,0000109-19-28JUN19

Seed Control Unit—Planter Only



PC18389—UN—21JAN14

Seed control unit receives and processes inputs from seed sensors to calculate and output row-by-row seed event data. Planters with 24 or fewer rows require one seed control unit. Planters with more than 24 rows require an additional seed control unit. Seed control unit 1 monitors inputs from seed sensors on rows 1 through 24, and seed control unit 2 monitors seed sensors on remaining rows.

HC94949,0000A5E-19-01DEC16

Junction Box—Planter Only



PC18503—UN—25FEB14

Junction box connects planter main harness to Connect Mobile components. This connection is a pass-through box only and does not calculate or store data. Planters with 24 or fewer rows require one junction box, and planters with more than 24 rows require an additional junction box.

NOTE: All compatible Deere Bauer planters do not require a junction box.

	SeedStar™ 3 HP	SeedStar™ XP
Wireless Data Server	X	X
Antenna and Cable	X	X
Seed Control Unit		X
Junction Box		X

SeedStar is a trademark of Deere & Company

HC94949,0000A5D-19-01DEC16

Setting Up–Connect Mobile

Download Connect Mobile

1. Open tablet's application store and search for:
Connect Mobile.
2. Select Connect Mobile.
3. Select install (download).

HC94949,0000A25-19-06JAN17

Setting Up—GreenStar™ 3 2630 Display

Set Up Connect Mobile

1. Configure Wireless Data Server (WDS)
2. Connect Tablet to WDS
3. Set Up Display

JO37333,0000049-19-31JUL19

Configure Wireless Data Server



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.



Wireless Data Server Button

PC20562—UN—16DEC14

2. Select the Wireless Data Server button.



Setup Softkey

PC18513—UN—26FEB14

3. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: **A**

Wireless Password:

B Password Settings

Wireless Channels: **E**

Storage Capacity: N/A %

Delete Data

Software Update

PC21325—UN—29JUL15

Wireless Data Server Setup

- A—Wireless Network Name Entry Box
- B—Password Settings Button
- E—Wireless Channels Drop-Down Menu

4. Enter a Wireless Network Name (A). To differentiate between machines, use a unique name (for example, John's Combine).

NOTE: A password is required to connect a tablet to the wireless data server (WDS). Ensure that the password can be easily remembered or record the password and store for future reference.

Password criteria:

- 8—21 characters in length
- No spaces
- Only use characters available on display

Password Settings

Enter New Password

Passwords are case sensitive and must be 8-21 characters in length.

Password:

Confirm Password:

PC21368—UN—16JUL15

Create Password

C—Password Entry Box
D—Confirm Password Entry Box

5. Select the Password Settings button (B). Enter a password in the Password entry box (C) and enter same password in the Confirm Password entry box (D).
6. Factory default Wireless Channel (E) is 6. If using other wireless communication devices (for example, Machine Communication Radio) within 4.8 km (3 mi) of the wireless data server, select the channel furthest away from the other device's channel.

AE77568,0000403-19-08JUN18

Connect Tablet to Wireless Data Server

On tablet, connect to Wireless Network Name that was set up on display.

1. Select wireless network name.
2. Enter wireless password.

HC94949,0000A27-19-22AUG16

Set Up Display



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.



GreenStar™ Button

PC17340—UN—24OCT13

2. Select the GreenStar™ button.



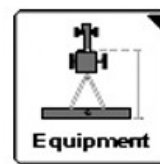
Resources Softkey

PC21150—UN—11MAY15

3. Select the Resources softkey.

GreenStar is a trademark of Deere & Company

4. Enter the client, farm, field, task, and crop season.



Equipment Softkey

PC21184—UN—20MAY15

5. Select the Equipment softkey.
6. Enter the machine and implement settings and the recording source.



Documentation Softkey

PC21151—UN—11MAY15

7. Select the Documentation softkey.
8. Create an operation-specific Documentation tab if not already present and enter product information.

(For more information, reference the GreenStar™ 2630 Display Operator's Manual.)

AE77568,0000404-19-08JUN18

Setting Up—Generation 4 Display

Set Up Connect Mobile

1. Configure Wireless Data Server (Planter)
2. Configure Connect Mobile Server (Sprayer or Combine)
3. Connect Tablet to Wireless Network
4. Set Up Display

JO37333,000004A-19-31JUL19

Configure Wireless Data Server (Planter)

NOTE: With a Generation 4 Display, the wireless data server (WDS) is used with planter configurations only. For other configurations, proceed to Configure Connect Mobile Server.



ISOBUS VT Application

PC16682—UN—18MAR13

1. Select the ISOBUS VT application.



ISOBUS VT Menu Button

PC15293—UN—18MAR13

2. Select the ISOBUS VT Menu button.



Wireless Data Server Button

PC21499—UN—14SEP15

3. Select the Wireless Data Server button.



Setup Softkey

PC21805—UN—29OCT15

4. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: **A**

Wireless Password:

B Password Settings

Wireless Channels: **E**

Storage Capacity: 99 %

Delete Data

Software Update

PC21802—UN—29OCT15

Wireless Data Server Setup

Password Settings

Enter New Password

Passwords are case sensitive and must be 8-21 characters in length.

Password: **C**

Confirm Password: **D**

Cancel
 Accept

PC21803—UN—29OCT15

Create Password

- A—Wireless Network Name Entry Box
- B—Password Settings Button
- C—Password Entry Box
- D—Confirm Password Entry Box
- E—Wireless Channels Drop-Down Menu

5. Enter a Wireless Network Name (A). To differentiate between machines, use a unique name (for example, John's Combine).

NOTE: A password is required to connect a tablet to the WDS. Ensure that the password can be easily remembered or record the password and store for future reference.

Password criteria:

- 8—21 characters in length
- No spaces
- Only use characters available on display

6. Select the Password Settings button (B). Enter a password in the Password entry box (C) and enter the same password in the Confirm Password entry box (D).
7. The default factory Wireless Channel (E) is channel 6. When using other wireless communication devices (for example, Machine Communication Radio) within 4.8 km (3 mi) of the WDS, select the furthest channel from other devices.

AE77568,0000407-19-26JUL19

Configure Connect Mobile Server (Sprayer or Combine)

NOTE: When a Generation 4 Display is used with planter configurations, the wireless data server is used instead of the Connect Mobile Server. Reference Configure Wireless Data Server.

Ensure that Connect Mobile Server software is updated before setting up the display. Reference Update Connect Mobile Server Application.



Menu Button

PC17269—UN—15JUL13

1. Select the Menu button.



System Tab

PC25846—UN—28JUN18

2. Select the System tab.



Wireless Settings Application

PC23092—UN—26SEP16

3. Select the Wireless Settings application.



Mobile to Machine ON/OFF Toggle

PC25888—UN—03JUL18

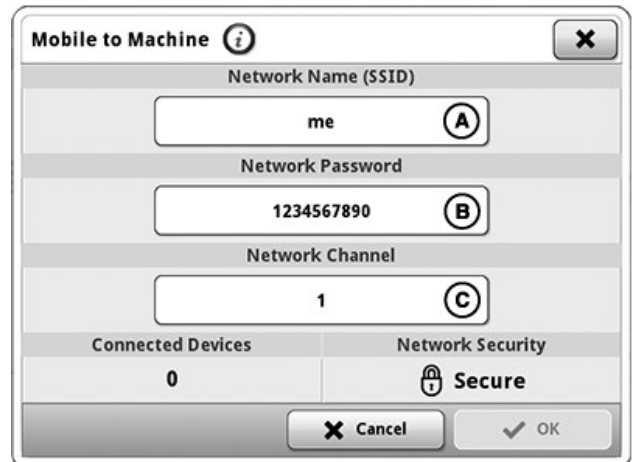
4. Toggle Mobile to Machine ON.



Edit Button

PC25889—UN—03JUL18

5. Select the Edit button.



PC25890—UN—03JUL18

- A—Network Name Entry Box
- B—Password Entry Box
- C—Channel Entry Box

6. Enter a Network Name (A), Password (B), and Channel (C).

JO37333,000004C-19-26JUL19

Connect Tablet to Wireless Network

On the tablet, connect to the appropriate wireless network name that was set up on the display.

1. Select wireless network name.
2. Enter wireless network password.

JO37333,000004D-19-20JUN19

Set Up Display



Menu Button

PC17269—UN—15JUL13

1. Select the Menu button.

Applications

PC25841—UN—28JUN18

Applications Tab

2. Select the Applications tab.



PC17260—UN—11JUL13

Fields and Boundaries Application

3. Select the Fields and Boundaries application.

4. Enter the client, farm, and field.



PC20410—UN—22MAY15

Equipment Manager Application

5. Select the Equipment Manager application.
6. Enter the machine and implement settings and verify the recording trigger.



PC20415—UN—11MAY15

Work Setup Application

7. Select the Work Setup application.
8. Enter the product information.

(For more information, reference the Generation 4 Display Operator's Manual.)

AE77568,0000408-19-28JUN18

Operating

Operate Connect Mobile

1. Use Connect Mobile
2. Interactive Combine Adjustment—Combine Only
3. Navigate to Wireless Data Server Page
4. View Wireless Data Server Main Page

HC94949,0000A5F-19-06JAN17

Use Connect Mobile

1. Verify that the display is set up correctly.
(Reference Setting Up section for more information.)
2. Verify that the machine-specific operation is set up correctly in the display.
(Reference machine Operator's Manual for setting up the machine.)
3. Open Connect Mobile application on tablet.
4. Verify that tablet is connected to wireless network.
(Reference Setting Up section for more information.)
5. Once tablet is connected to wireless network, current global positioning system (GPS) location is displayed within Connect Mobile. Enter field, lower machine, and start working.

NOTE: Map plotting within the Connect Mobile application reacts to machine position. For example, when a planter is lowered and actively planting, map plotting in the application starts. Raising planter stops map plotting.

JO37333,000004E-19-20JUN19

Interactive Combine Adjustment—Combine Only

NOTE: Interactive combine adjustment (ICA) is only available on compatible combines. Contact your John Deere dealer for a complete list of compatible combines.

ICA is a feature within Connect Mobile which allows the operator to report issues. Connect Mobile receives recommendations from ICA and shows them to the user. The operator can then make machine adjustments through Connect Mobile.

AE77568,000040C-19-08JUN18

Navigate to Wireless Data Server Page Using GreenStar™ 3 2630 Display



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.

Using Generation 4 Display



ISOBUS VT Application

PC16682—UN—18MAR13

1. Select the ISOBUS VT application.



ISOBUS VT Menu Button

PC15293—UN—18MAR13

2. Select the ISOBUS VT Menu button.

AE77568,0000176-19-26SEP17

View Wireless Data Server Main Page



Wireless Data Server Button

PC20562—UN—16DEC14

1. Select the Wireless Data Server button.



Main Softkey

PC19702—UN—05JUN14

2. Select the Main softkey.

Wireless Data Server - Main Page

- (A) Recording:
- (B) Wireless Connection: N/A
- (C) Data Available: ●
- (D) Field ID: 8dec8DEV2
- (E) Operation: Planting
- (F) Storage Capacity: 67 %

PC20575—UN—13AUG15

Wireless Data Server Main Page

A—Recording
B—Wireless Connection
C—Data Available
D—Field ID
E—Operation
F—Storage Capacity

Recording (A)—Flashes when wireless data server (WDS) is collecting data.

Wireless Connection (B)—Displays Connected when a mobile application connects to the WDS.

Data Available (C)—Solid green indicates that data on WDS has not been sent to the tablet.

Field ID (D)—Field name used in display.

Operation (E)—Type of software installed on WDS.

Storage Capacity (F)—Amount of space available to store recorded data.

AE77568,000040D-19-20JUN19

Operating—Managing Data On Wireless Data Server

Navigate to Wireless Data Server Page

Using GreenStar™ 3 2630 Display



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.

Using Generation 4 Display



ISOBUS VT Application

PC16682—UN—18MAR13

1. Select the ISOBUS VT application.



ISOBUS VT Menu Button

PC15293—UN—18MAR13

2. Select the ISOBUS VT Menu button.

AE77568,0000176-19-26SEP17

Delete Data from Wireless Data Server

NOTE: To prevent data loss, ensure that the wireless data server (WDS) data is synchronized to the tablet before deleting data or replacing the WDS.



Wireless Data Server Button

PC20562—UN—16DEC14

1. Select the Wireless Data Server button.



Setup Softkey

PC18513—UN—26FEB14

2. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: PCWDSAB000346

Wireless Password: *****

Password Settings

Wireless Channels: 6

Storage Capacity: 72 %

A Delete Data

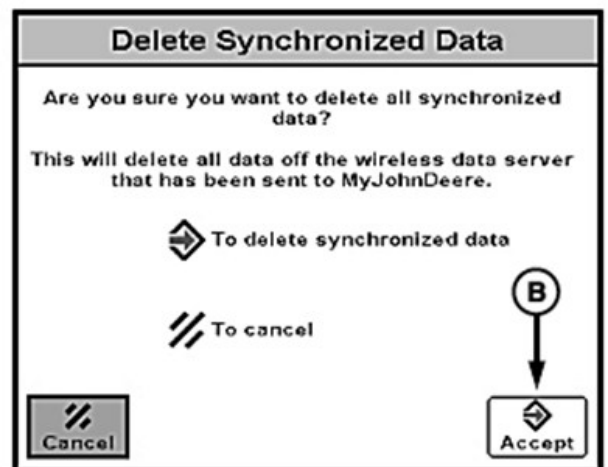
Software Update

PC21329—UN—16JUL15

Wireless Data Server Setup

A—Delete Data Button

3. Select the Delete Data button (A).



PC20565—UN—08JUL15

Delete Synchronized Data

B—Accept Button

4. Select the Accept button (B).

AE77568,0000163-19-08JUN18

Operating–Updating Software

Update Software

For best performance, update software to the latest version.

1. Update Wireless Data Server or Update Connect Mobile Server
2. Update Connect Mobile Application

RW00482,000070A-19-09JUL18

Update Wireless Data Server

IMPORTANT: Ensure that the machine is parked before updating software.

Automatically Update Wireless Data Server (WDS)

To update software automatically, connect the John Deere Connect Mobile application to the wireless data server.

1. Connect the tablet to the WDS.
(Reference Connect Tablet to Wireless Data Server for more information.)
2. Open Connect Mobile and log in to John Deere Operations Center.



Software Update

PC21831—UN—09NOV15

A—Accept Button
B—Cancel Button

3. If newer software is available, operator receives a prompt on display. Select the Accept button (A) and follow the display prompts.

NOTE: If the Cancel button (B) is selected, this message is displayed after every key cycle.

Software update prompt does not display while operating. If an update is available, software update displays after cycling power or after selecting a new client, farm, and field.

Manually Update Wireless Data Server

If the software update prompt is canceled, operator can update the WDS software from the WDS Setup page.



PC20562—UN—16DEC14

Wireless Data Server Button

1. Select the Wireless Data Server button.



PC18513—UN—26FEB14

Setup Softkey

2. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: PCWDSAB000346

Wireless Password: *****

Password Settings

Wireless Channels: 6

Storage Capacity: 72 %

Delete Data

A Software Update

PC21330—UN—16JUL15

Wireless Data Server Setup

A—Software Update Button

3. To check if software is available, select the Software Update button (A).

- To update the WDS, follow the display prompts.

JO37333,0000050-19-31JUL19

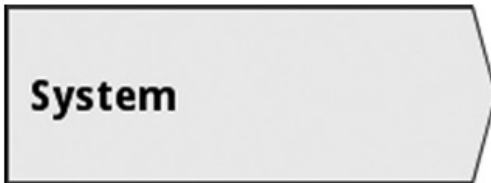
Update Connect Mobile Server Application



Menu Button

PC17269—UN—15JUL13

- Select the Menu button.



System Tab

PC25846—UN—28JUN18

- Select the System tab.



Software Manager

PC15346—UN—11JUL13

- Select the Software Manager application.



Installations and Updates Tab

PC25847—UN—28JUN18

- Select the Installations and Updates tab.



Check for Updates Online Button

PC25848—UN—28JUN18

- Select the Check for Updates Online button.

RW00482,000070B-19-05JUL18

Update Connect Mobile Application

Use tablet's application store to update Connect Mobile. Most tablet manufacturers notify user if an update is available for applications. Contact your John Deere dealer to verify you have the latest application version prior to using mobile application.

HC94949,0000A2F-19-06JAN17

Operating-Resetting WDS Password

Navigate to Wireless Data Server Page

Using GreenStar™ 3 2630 Display



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.

Using Generation 4 Display



ISOBUS VT Application

PC16682—UN—18MAR13

1. Select the ISOBUS VT application.



ISOBUS VT Menu Button

PC15293—UN—18MAR13

2. Select the ISOBUS VT Menu button.

AE77568,0000176-19-26SEP17

Reset Wireless Password

If the current password is known:



Wireless Data Server Button

PC20562—UN—16DEC14

1. Select the Wireless Data Server button.



Setup Softkey

PC18513—UN—26FEB14

2. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: PCWDSAB000346

Wireless Password: *****



Wireless Channels: 6

Storage Capacity: 72 %



Wireless Data Server Setup

PC21331—UN—16JUL15

A—Password Settings Button

3. Select the Password Settings button (A).

Password Settings

If you forgot your password, contact your John Deere dealer.

Previous Password: B

New Password: C

Confirm Password: D

Note - You must confirm the password in order to continue.

Cancel Accept E

Password Settings

PC21340—UN—08JUL15

B—Previous Password Entry Box

C—New Password Entry Box

D—Confirm New Password Entry Box

E—Accept Button

4. Enter the previous password (B).
5. Enter the new password (C) and confirm the new password (D).
6. Select the Accept button (E).

If the current password is unknown:

1. Select the Wireless Data Server button.
2. Select the Setup softkey.

Wireless Data Server - Setup

Wireless Network Name: PCWDSAB000346

Wireless Password: *****

A Password Settings

Wireless Channels: 6

Storage Capacity: 72 %

Delete Data

Software Update

PC21331—UN—16JUL15

Wireless Data Server Setup

A—Password Settings Button

3. Select the Password Settings button (A).

Password Settings

Change password

Passwords are case sensitive and must be 8-21 characters in length.

Previous Password:

New Password:

Confirm Password:

Note - You must confirm the password in order to continue.

B Forgot Password

Cancel Accept

PC21309—UN—29JUN15

Wireless Data Server Password Settings

B—Forgot Password Button

4. Select the Forgot Password button (B).

Password Settings

Please contact your dealer to reset your password.

You will need to provide the following information:

C → WDS Serial Number: PCWDSAB000346

D → Challenge Code: 5750104

Cancel Accept

PC21310—UN—29JUN15

Wireless Data Server Forgot Password

- C—WDS Serial Number**
D—Challenge Code

5. Contact your John Deere dealer and provide them with the WDS Serial Number (C) and the Challenge Code (D).
6. On the preceding page, enter the previous password from the password reset tool. Create a new password and select the Accept button.

AE77568,000040F-19-26JUL19

Troubleshooting

Navigate to Wireless Data Server Page

Using GreenStar™ 3 2630 Display



Menu Button

PC8663—UN—29APR15

1. Select the Menu button.

Using Generation 4 Display



ISOBUS VT Application

PC16682—UN—18MAR13

1. Select the ISOBUS VT application.



ISOBUS VT Menu Button

PC15293—UN—18MAR13

2. Select the ISOBUS VT Menu button.

AE77568,0000176-19-26SEP17

Wireless Data Server Diagnostics



Wireless Data Server Button

PC20562—UN—16DEC14

1. Select the Wireless Data Server button.

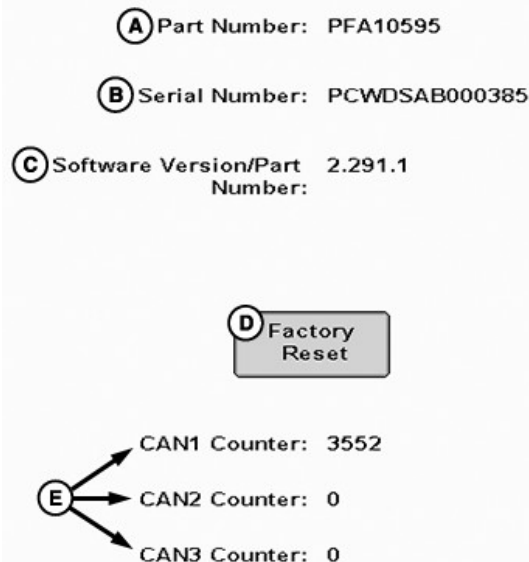


Diagnostic Softkey

PC18512—UN—26FEB14

2. Select the Diagnostic softkey.

Wireless Data Server - Diagnostics



PC25840—UN—28JUN18

Wireless Data Server Diagnostics

- A—Part Number
- B—Serial Number
- C—Software Version/Part Number
- D—Factory Reset Button
- E—Implement CAN Counters

Part Number (A) and Serial Number (B)—Displays wireless data server (WDS) identification information.

Software Version/Part Number (C)—Displays WDS software version installed.

NOTE: Data cannot be retrieved after Factory Reset.

Factory Reset Button (D)—Deletes all data from WDS, including wireless network name and wireless password information.

Implement CAN Counters (E)—Displays number of CAN messages received on CAN bus. Accumulating numbers indicates that there is communication on the CAN bus.

NOTE: CAN counters can be used for dealer diagnostics.

CAN1: Implement CAN communication

CAN2: Left subnet CAN communication

CAN3: Right subnet CAN communication

RW00482,0000706-19-28JUN18

Connect Mobile Server Diagnostics



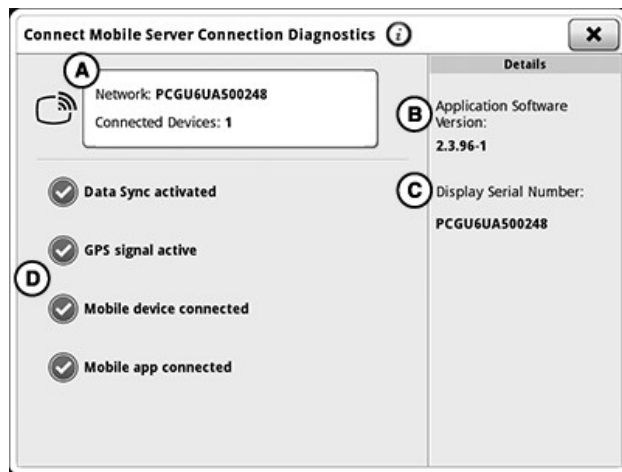
PC20490—UN—17JUL19
Connect Mobile Server Application

1. Select the Connect Mobile Server application.



PC20491—UN—17JUL19
Diagnostics Button

2. Select the Diagnostics button.



PC20492—UN—17JUL19

A—Wireless Network
B—Application Software Version
C—Display Serial Number

D—Requirements

Wireless Network (A)—Select the network information to open the Wireless Settings application.

Application Software Version (B)—Displays the software version of the Connect Mobile Server application.

Display Serial Number (C)—Displays the hardware serial number of the Generation 4 Display.

Requirements (D)—Connect Mobile Server requirements display a green checkmark when they are met. If a component must be configured, an exclamation point is displayed.

JO37333,0000051-19-31JUL19

Additional Support Material

Additional support material is available through the mobile application to further assist users with utilization and troubleshooting:

- How-to videos
- Observable symptoms and troubleshooting recommendations
- Optimization recommendations

To get additional support material:

1. Select Menu.
2. Select Help.

HC94949,0000A31-19-01SEP16

Troubleshooting—Tablet

Symptom

Tablet is unable to download application from application store.

Problem

Incompatible tablet hardware or operating system.

Solution

Verify compatible tablet hardware and operating system is being used. Refer to Deere.com or your John Deere dealer for compatible version of tablet hardware and operating systems.

Insufficient tablet memory.

Verify tablet has sufficient memory to download the mobile application. Refer to tablet manufacturer for managing tablet memory.

Symptom	Problem	Solution
	No internet connectivity.	Verify data plan or Wi-Fi® is enabled. Refer to tablet manufacturer support material for diagnosing Internet connectivity issues.
	Insufficient battery level.	Ensure tablet meets manufacturer minimum battery level requirements for downloading applications.
	Application store issues.	Application store may be experiencing issues. Attempt to download application at a later time.

AE77568,0000117-19-12AUG15

Maintenance

Preseason Checklist

- ☐ Update all Connect Mobile components, including:
 - Display
 - StarFire™ Receiver
 - Wireless data server (WDS)
 - Machine control units (Contact your John Deere dealer.)
- ☐ Ensure that machine is properly setup and calibrated.
- ☐ Update tablet operating system.
- ☐ Update Connect Mobile.
- ☐ Ensure that display documentation setup is complete.
- ☐ Inspect wiring harness for damage.
- ☐ Ensure that antenna is installed properly and connected tightly.
- ☐ Ensure that all connectors are tight and all pins are properly seated.
- ☐ Ensure that all data is synchronized to desired locations or deleted.

HC94949,0000A32-19-01DEC16

Post-season Checklist

- ☐ Ensure that all machine data is synchronized to desired locations or deleted.
- ☐ Inspect wiring harness for damage.

HC94949,0000A33-19-01DEC16

Daily Checklist

- ☐ Ensure that machine is set up and calibrated properly.
- ☐ Ensure that antenna is installed properly and connected tightly, if applicable.
- ☐ Ensure that all connectors are tight and pins are seated properly.
- ☐ Ensure that all machine data is synchronized to desired locations or deleted.
- ☐ Ensure that tablet is fully charged before utilizing Connect Mobile. Connect tablet to machine accessory outlet.

HC94949,0000A34-19-01DEC16

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John Deere Service Literature Available

Technical Information

Technical information can be purchased from John Deere. Publications are available in print or CD-ROM format.

Orders can be made using one of the following:

- John Deere Technical Information Store: **www.JohnDeere.com/TechInfoStore**
- Call 1-800-522-7448
- Contact your John Deere dealer

Available information includes:



TS189—UN—17JAN89

PARTS CATALOGS list service parts available for your machine with exploded view illustrations to help you identify the correct parts. It is also useful in assembling and disassembling.



TS191—UN—02DEC88

OPERATOR'S MANUALS providing safety, operating, maintenance, and service information.



TS224—UN—17JAN89

TECHNICAL MANUALS outlining service information for your machine. Included are specifications, illustrated assembly and disassembly procedures, hydraulic oil flow diagrams, and wiring diagrams. Some products have separate manuals for repair and diagnostic information. Some components, such as engines, are available in a separate component technical manual.



TS1663—UN—10OCT97

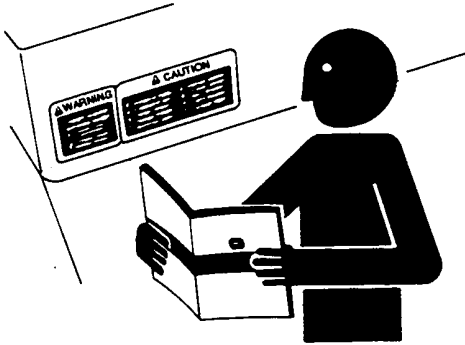
EDUCATIONAL CURRICULUM including five comprehensive series of books detailing basic information regardless of manufacturer:

- Agricultural Primer series covers technology in farming and ranching.
- Farm Business Management series examines “real-world” problems and offers practical solutions in the areas of marketing, financing, equipment selection, and compliance.
- Fundamentals of Services manuals show you how to repair and maintain off-road equipment.
- Fundamentals of Machine Operation manuals explain machine capacities and adjustments, how to improve machine performance, and how to eliminate unnecessary field operations.
- Fundamentals of Compact Equipment manuals provide instruction in servicing and maintaining equipment up to 40 PTO horsepower.

DX,SERV LIT-19-07DEC16

John Deere Service Keeps You On Job

John Deere Is At Your Service



TS201—UN—15APR13

CUSTOMER SATISFACTION is important to John Deere.

Our dealers strive to provide you with prompt, efficient parts and service:

- Maintenance and service parts to support your equipment.
- Trained service technicians and the necessary diagnostic and repair tools to service your equipment.

CUSTOMER SATISFACTION PROBLEM RESOLUTION PROCESS

Your John Deere dealer is dedicated to supporting your equipment and resolving any problem you may experience.

1. When contacting your dealer, be prepared with the following information:

- Machine model and product identification number
- Date of purchase
- Nature of problem

2. Discuss problem with dealer service manager.

3. If unable to resolve, explain problem to dealership manager and request assistance.

4. If you have a persistent problem your dealership is unable to resolve, ask your dealer to contact John Deere for assistance. Or contact the Ag Customer Assistance Center at 1-866-99DEERE (866-993-3373) or e-mail us at www.deere.com/en_US/ag/contactus/.

DX,IBC,2-19-02APR02