

# Field Doc Connect

PF90278



**JOHN DEERE**

## INSTALLATION INSTRUCTIONS

### Field Doc Connect

PC20348 21OCT04 (ENGLISH)

**John Deere Ag Management Solutions**  
**PC20348 (21OCT04)**

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A John Deere ILLUSTRATION® Manual

PC20348-19-21OCT04



## Average Setup Time

Approximate time needed for installing Field Doc Connect wiring harness, 30 minutes.

OUO6091,0001718 -19-06NOV03-1/1

## Recognize Safety Information

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 -19-29SEP98-1/1

T81389 -UN-07DEC88

## Field Doc Connect Wiring Harness Connectors

**NOTE:** See *Field Doc Connect to Controller Configurations* section at end of this instruction for proper GREENSTAR system to controller configurations.

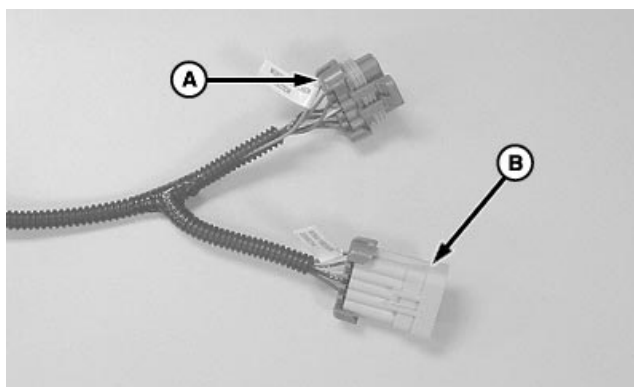
If using LH Technologies monitor, contact a LH Technologies dealer to acquire an adaptor harness.

For LH500 / Kuhn Quantron M order reference 198-286.

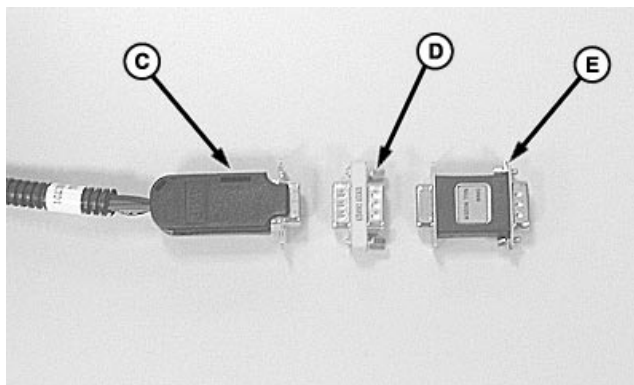
For LH5000 / Kuhn Quantron L order reference 198-701.

For LH6000 / Kuhn Quantron P order reference 198-292.

**NOTE:** If using the RDS controller (ProSeries 8000), contact RDS to acquire an adaptor harness. Reference kit K/PS-JDGS/INT. Select LH as protocol in the GS Display and also in the RDS controller. RDS display software 2.043 or higher required.



PC7997 -UN-06NOV03



PC8007 -UN-06NOV03

- A—Connects To Mobile Processor
- B—Connects To GREENSTAR Wiring Harness Connector
- C—Connects To Controller (and/or gender changer, null modem)
- D—Gender Changer
- E—Null Modem

OUO1073,0001DA8 -19-27OCT04-1/1

## Install Field Doc Connect Wiring Harness

1. Set parking brake, Shut OFF engine and remove key.

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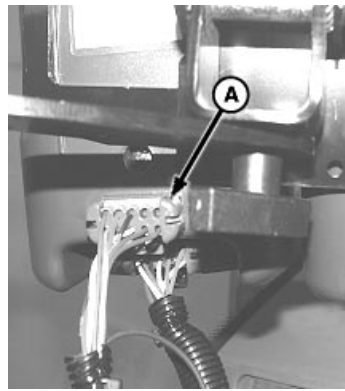
OUO6091,0001719 -19-06NOV03-1/4

**IMPORTANT:** Latest version of GREENSTAR Field Doc Operator's Manual is required to operate Field Doc Connect, see your John Deere dealer.

*NOTE: Mobile processor connector is grey.*

2. Disconnect mobile processor connector (A).

**A—Mobile Processor Connector**

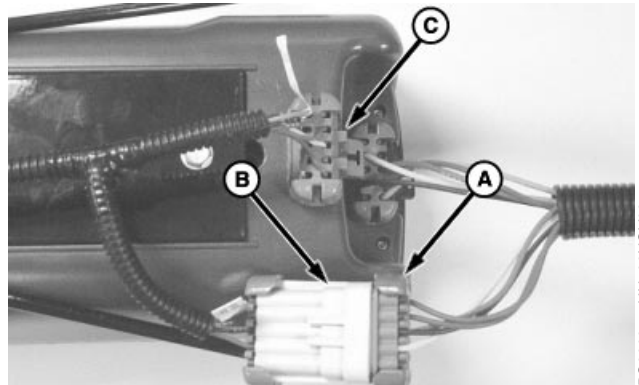


PC8008 -UN-11DEC03

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3. Connect mobile processor connector (A) to Field Doc connect wiring harness (B).
4. Connect Field Doc Connect wiring harness connector (C) to mobile processor.
5. Route Field Doc Connect wiring harness to controller

**A—Mobile Processor Connector**  
**B—Field Doc Connect Connector**  
**C—Field Doc Connect Connector**



PC8006 -UN-06NOV03

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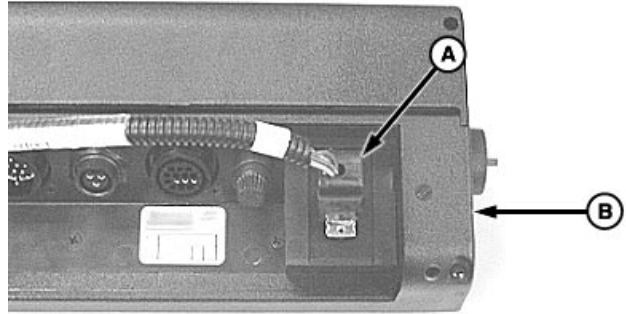
**NOTE:** Depending on controller used, a serial port gender changer and/or a null modem may be required to connect Field Doc Connect wiring harness to controller.

See *Field Doc Connect to Controller Configurations* section at end of this instruction for proper GREENSTAR system to controller configurations.

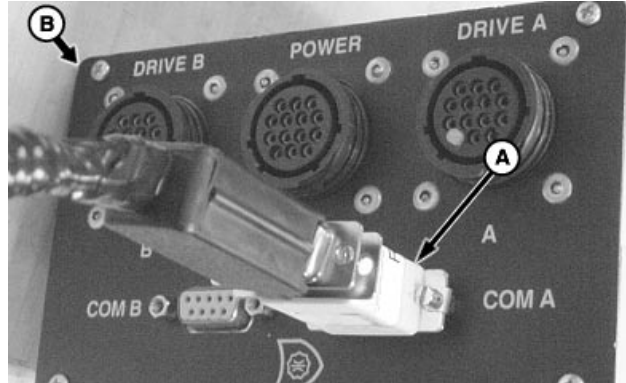
This example Rawson, Raven and New Leader controllers are used.

6. Connect Field Doc Connect connector (A) to controller (B).

A—Field Doc Connector  
B—Controller



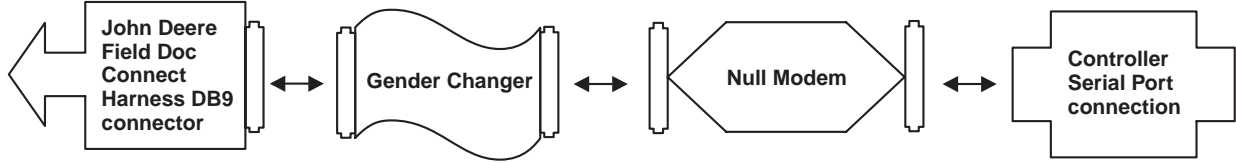
PC8004 -UN-06NOV03



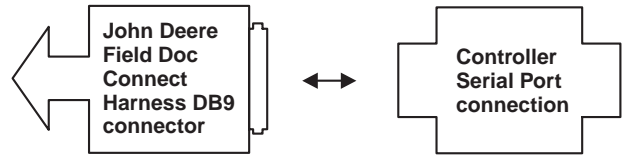
PC8005 -UN-06NOV03

OUO6091,0001719 -19-06NOV03-4/4

### Field Doc Connect to Controller Configurations



*Rawson (Accu-Rate & Accu-Plant), New Leader (Mark II, IV), Dickey John Seed Manager, Vanguard VM2500 PIC, Vanguard VM2500 SE*



*Raven (440, 450, 460, 660), LH Technologies (500, 5000, 6000), Amazone (Amatron+), RDS (ProSeries 8000)*

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PC7996 -19-06NOV03

PC7995 -19-06NOV03

**IMPORTANT:** When using Field Doc Connect, it is recommended that you power-up the GREENSTAR system BEFORE you power-up the rate controller to establish communication. If the rate controller is powered-up first, communication in certain controllers (especially LH Technologies) can fail and will require a power cycle of the controller. Please reference the controller's Operator's Manual for additional setup for serial communication.

**IMPORTANT:** For Raven controllers used with the unit kg/ha, it is required to change the decimal settings in the Raven controller in the following way:

1. Press: Meter Cal-5. Product Density Value will be displayed.
2. Press: Enter.
3. Press: Self Test. Enter Product Density Value from above.
4. Press: Enter.
5. Press: Rate 1 Cal. The rate will now display a value reduced by a factor of 10.

*NOTE: If using LH Technologies controller, contact a LH Technologies dealer to acquire an adaptor harness.*

*For LH500 / Kuhn Quantron M order reference 198-286.*

*For LH5000 / Kuhn Quantron L order reference 198-701.*

*For LH6000 / Kuhn Quantron P order reference 198-292.*

*NOTE: If using the RDS controller (ProSeries 8000), contact RDS to acquire an adaptor harness. Reference kit K/PS-JDGS/INT. Select LH as protocol in the GS Display and also in the RDS controller. RDS display software 2.043 or higher required.*