

# TractorPlus™ Smart Connector Kit

BRE10565



**JOHN DEERE**

## INSTALLATION INSTRUCTIONS

**R572967 22SEP20 (ENGLISH)**

**7000/7010, 8000/8010/8020, 8000T/8010T/8020T, 9000/9020,  
and 9000T/9020T Series Tractors**

**John Deere Waterloo Works  
R572967 (22SEP20)**

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Moline, Illinois

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A John Deere ILLUSTRATION™ Manual

R572967-19-22SEP20



## Introduction

**IMPORTANT:** Read through this instruction thoroughly and familiarize yourself with the machine before installing parts.

allows visibility of data from the vehicle data network. Operator must have the TractorPlus™ App in order to view module signals.

This instruction demonstrates procedures for installing the TractorPlus™ Smart Connector Kit. This connection

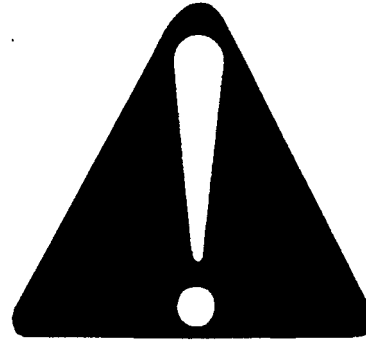
*TractorPlus is a trademark of Deere & Company*

KB78086,0001602 -19-18SEP20-1/1

## 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.



T81389 —UN—28JUN13

DX,ALERT -19-29SEP98-1/1

## Understand Signal Words

**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

**⚠ DANGER**

**⚠ WARNING**

**⚠ CAUTION**

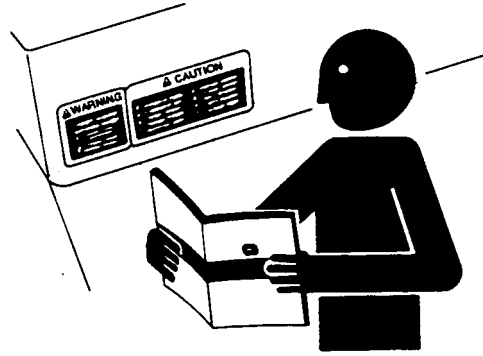
precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

TS187 —19—30SEP88

DX,SIGNAL -19-05OCT16-1/1

## Follow Safety Instructions

Carefully read all safety messages in this instruction. Read the product operators manual for operating instructions and safety messages. Do not let anyone operate without instruction. (A copy of the operators manual may also be available from the Service ADVISOR™ application.)



TS201 —UN—15APR13

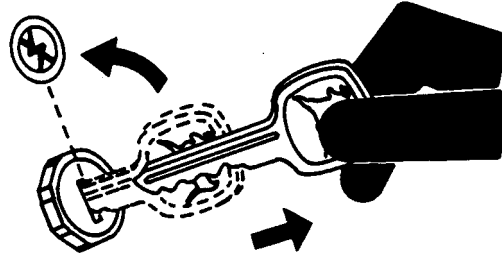
Service ADVISOR is a trademark of Deere & Company

DX,READ,INS -19-23JUN09-1/1

## Park Machine Safely

Before working on the machine:

- Lower all equipment to the ground.
- Stop the engine and remove the key.
- Disconnect the battery ground strap.
- Hang a "DO NOT OPERATE" tag in operator station.



TS230 —UN—24MAY89

DX,PARK -19-04JUN90-1/1

## Parts List

| Part Number | Quantity | Description                    |
|-------------|----------|--------------------------------|
| R572967     | 1        | Instructions, Installation     |
| PH85241179  | 1        | Module, CCD2BLE Bridge         |
| RE597681    | 1        | Wiring Harness, CCD2BLE Option |
| R105388     | 4        | Tie Band                       |

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## Regulatory and Compliance Information

### United States—Federal Communications Commission (FCC)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This Device must be operated as supplied by John Deere Ag Management Solutions. Any changes or modifications made to this device without the express written approval of John Deere Ag Management Solutions may void the user's authority to operate this device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### RF Exposure Guidance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with

a minimum distance of 20 cm (8 in) between the radiator and persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.

### Supplier's Declaration of Conformity

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Unique Identifier: | SMART CONNECTOR: PH85241179                                                                        |
| Responsible Party: | John Deere Electronic Solutions<br>1441 44th Street NW<br>Fargo, ND 58102<br>FCCInfo@JohnDeere.com |

### Canada—Notification to Users

This device complies with ISED Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3 (B)/NMB-3(B)

### RF Exposure Guidance

This equipment complies with Innovation, Science and Economic Development Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm (8 in) between the radiator and persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with Innovation, Science and Economic Development Canada multi-transmitter product procedures.

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## Product Specifications

| Product Specifications           |          |         |          |
|----------------------------------|----------|---------|----------|
| Product Rating                   | Minimum  | Typical | Maximum  |
| Voltage                          | 9 V      | 12 V    | 16 V     |
| Current                          | -        | -       | 10 A     |
| Frequency Band (Max EIRP +8 dBm) | 2402 MHz | -       | 2480 MHz |
| Operating Temperature            | -40° C   | -       | 85° C    |
| Dust Seal Integrity              | IP-6X    |         |          |
| Immersion Sealing Integrity      | IP-X7    |         |          |

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## Install Bluetooth Module—7000/7010 Series

1. Disconnect the negative (-) battery terminal.
2. Remove the following parts for wiring harness routing:
  - Console Trim Ring
  - Ashtray
  - Console Panel



RW80359 —UN—24APR00



RW80362 —UN—24APR00

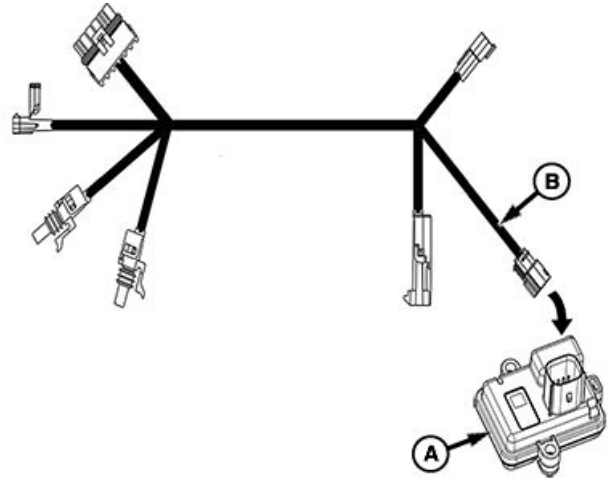
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3. Connect Bluetooth module (A) to wiring harness (B).

**A—Bluetooth Module**

**B—Wiring Harness**



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KB78086,00015FC -19-22SEP20-2/3

4. Locate diagnostic connector (A) and connect to the mating 6-way connector (B) on the Bluetooth module harness. The second 6-way connector (C) now functions as the tractor diagnostic connector.
5. Retain the Bluetooth module and associated wiring harnesses neatly under the console using the provided tie bands. (Keep the connectors accessible for future use.)
6. Reinstall the previously removed panels and reconnect the negative (-) battery terminal.

**A—Diagnostic Connector**

**B—6-Way Connector**

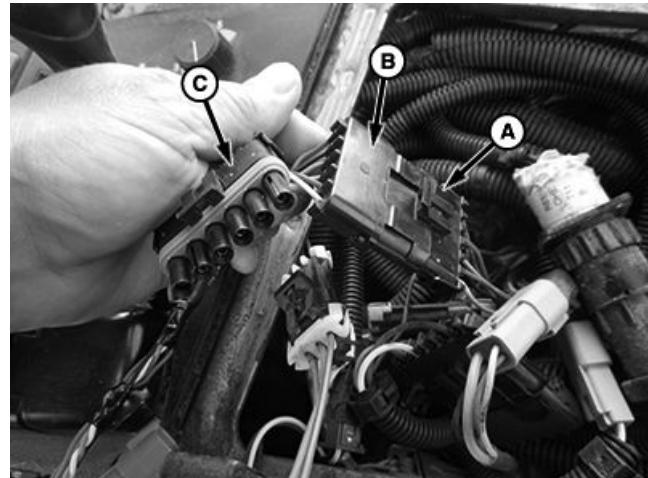
(Bluetooth module harness)

**C—6-Way Connector**

(Bluetooth module harness)



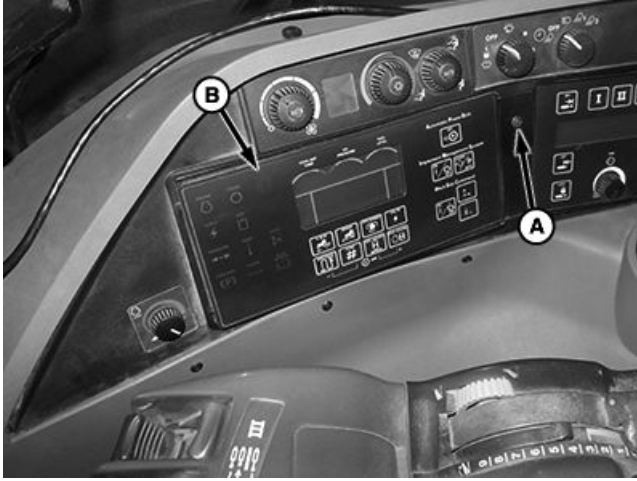
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RXA0179502 —UN—01SEP20

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## Install Bluetooth Module—8000/8010/8020, 8000T/8010T/8020T, 9000/9020, and 9000T/9020T Series Tractors



RXA0179503 —UN—01SEP20



RXA0179504 —UN—01SEP20

8000/8010/8020 and 8000T/8010T/8020T Series Fuse Panel

1. Disconnect negative (-) battery terminal.
2. Remove screw (A) and panel (B). Open fuse panel (C).
3. Remove access panel (D) from 9000/9020 and 9000T/9020T series tractors if the removal of the fuse panel does not provide adequate access to the work area.

A—Screw  
B—Panel

C—Fuse Panel  
D—Access Panel (9000/9020  
and 9000T/9020T series  
only)



RXA0179508 —UN—01SEP20

9000/9020 and 9000T/9020T Series Fuse Panel



RXA0179510 —UN—01SEP20

9000/9020 and 9000T/9020T Series Access Panel

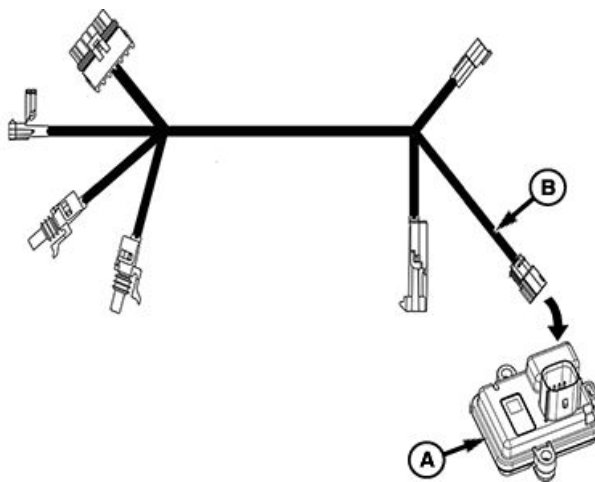
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## 4. Connect Bluetooth module (A) to wiring harness (B).

A—Bluetooth Module

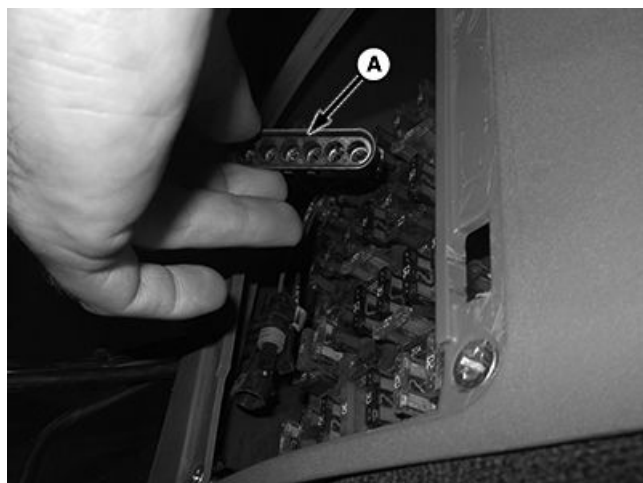
B—Wiring Harness



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RXA0179505 —UN—01SEP20

8000/8010/8020 and 8000T/8010T/8020T Series Fuse Panel



RXA0179509 —UN—01SEP20

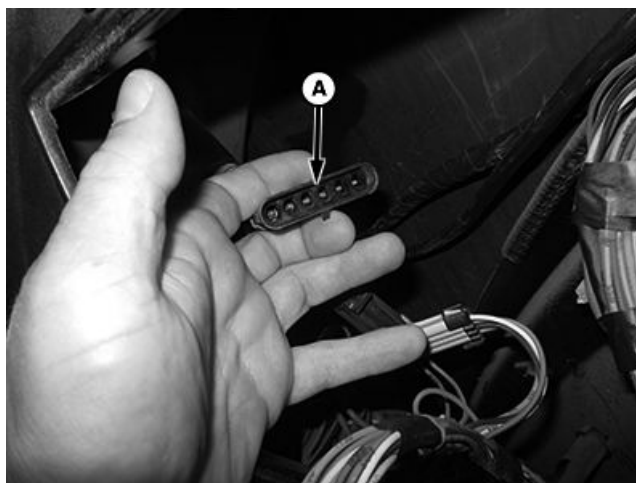
9000/9020 and 9000T/9020T Series Fuse Panel

**IMPORTANT: Locate diagnostic connector (A) at the fuse panel. Route the connector so that it is accessible in the area behind the control panel.**

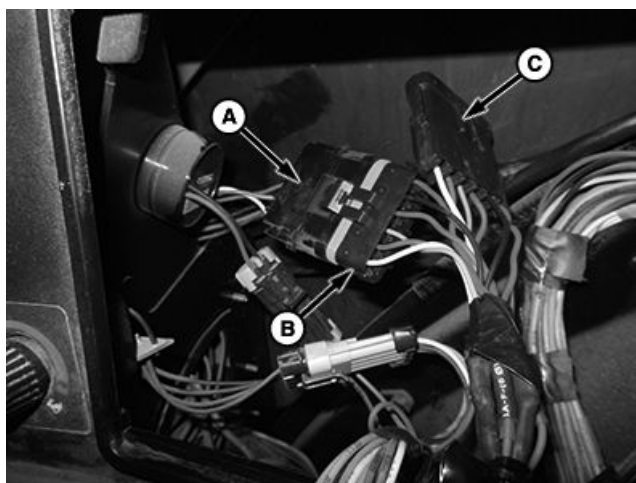
5. Locate diagnostic connector (A) and connect to the mating 6-way connector (B) on the Bluetooth module harness. The second 6-way connector (C) now functions as the tractor diagnostic connector.
6. Retain the Bluetooth module and associated wiring harnesses neatly under the console using the provided tie bands. (Keep the connectors accessible for future use.)
7. Reinstall the previously removed panels and reconnect the negative (-) battery terminal.

A—Diagnostic Connector  
B—6-Way Connector  
(Bluetooth module harness)

C—6-Way Connector  
(Bluetooth module harness)



RXA0179506 —UN—01SEP20



RXA0179507 —UN—01SEP20

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