

INSTALLATION MANUAL

Agra-GPS AGCO-JD Bridge for Fendt Rogator 932-937 models



Version 1.1
July 2026

June 2026

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Release Notice

This is the July 2026 release of the AGCO-JD Bridge Installation Manual.

Disclaimer

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DO NOT USE THE AGCO-JD Bridge IF YOU DISAGREE WITH THE DISCLAIMER.

Important Safety Information

Read this manual and the operation and safety instructions carefully before installing the AGCO-JD Bridge.

- Follow all safety information presented within this manual.
- If you require assistance with any portion of the installation or service of your equipment, contact your Agra-GPS for support.
- Follow all safety labels affixed to the system components. Be sure to keep safety labels in good condition and replace any missing or damaged labels. To obtain replacements for missing or damaged safety labels, contact Agra-GPS.

When operating the machine after installing the AGCO-JD Bridge, observe the following safety measures:

- Be alert and aware of surroundings.
- Do not operate the AGCO-JD Bridge system while under the influence of alcohol or an illegal substance.
- Always remain in the operator's position when the AGCO-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the AGCO-JD Bridge system when the safe working distance has been diminished.
- Ensure the AGCO-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the AGCO-JD Bridge system.
- Follow all safety instructions from the AGCO system as well as the JD system.
- The AGCO-JD Bridge must only be used in the field, never on the street.

Electrical Safety

- Always verify that the power leads are connected to the correct polarity as marked. Reversing the power leads could cause severe damage to the equipment.
- Verify that all cables and connectors are not going over sharp edges and are not pinned, as this could cause power shortages and/or malfunctions.

Introduction

Congratulations on your purchase of the AGCO-JD Bridge. The AGCO-JD Bridge is designed to bridge the communication between a AGCO Rogator (Autoguide ready) and John Deere or Vision displays. This allows a JD display to create maps in the John Deere format and also provides straight AB-Line autosteer.

The operator used the JD display to create AB-lines. The current position is determined by a John Deere receiver and all this information is used by the AGCO-JD Bridge to create steering instructions for the swather. All conditions for autosteer such as minimum speed, steering enabled etc. must be met by the AGCO Rogator system before the autosteer engage option in the swather can be activated.

NOTICE

This manual is not intended to replace the manuals for the AGCO Rogator or the John Deere system. The operator must read and understand the manuals and instructions of these systems, before using the AGCO-JD Bridge.

What's In The Box

The AGCO-JD-R9xx kit consists of the following items:

- A. AGCO-JD-R9xx Bridge
- B. AGCO-JD-R9xx Machine Adapter
(SKU: AGCOJDR9XXMABS2)
- C. AGCO-JD-R9xx Display Adapter
(SKU: AGCOJDR9XXDABS2)



NOTE: If you are missing any of these items or they appear to be damaged please contact +1 (825) 247-2477 or support@agragps.com

Step 1: Installing the Machine Adapter

The AGCO-JD Bridge is installed in the roof above the main seat.

Remove the 4 torx screws at the roof panel.

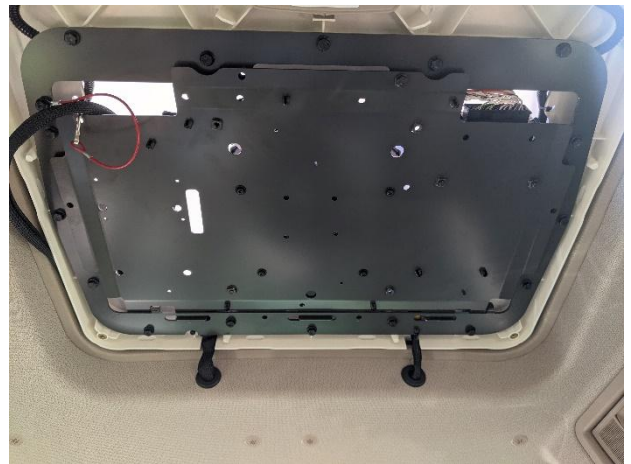
The panel has plastic latches, pull gently to get them released.

Remove the plastic cover, exposing the metal panel behind it.



To access the connector for steering, you need to remove all the bolts securing the inner panel, allowing it to swing down.

You need a 10 mm wrench or socket.



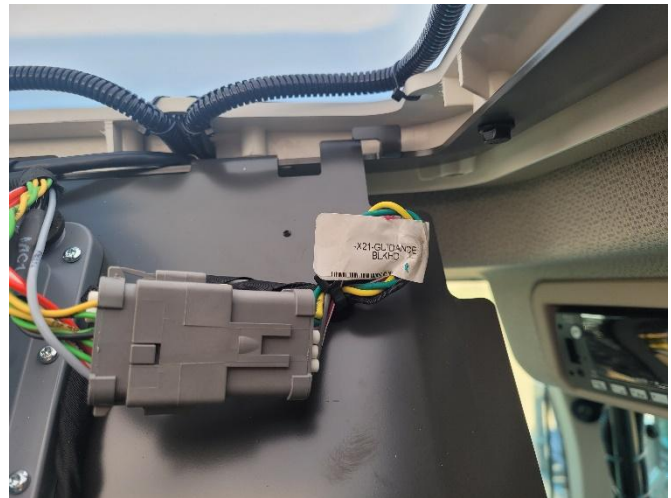
Once the panel is open, the following should be exposed.

In this picture you see a Raven RS1, however there may be Novatel or Trimble.

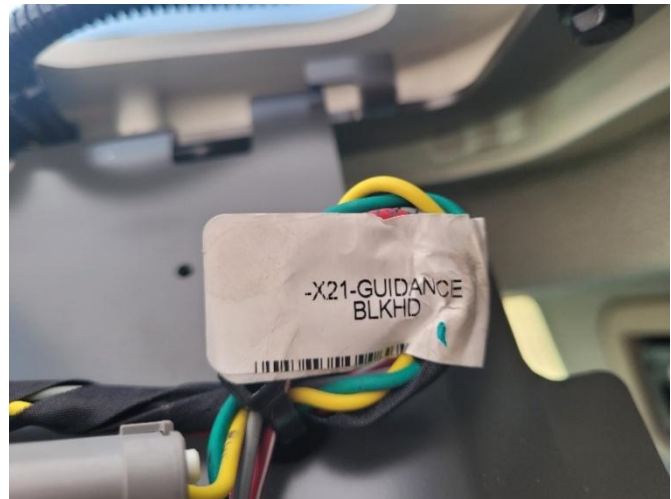
Any of these may now be removed to create space in the roof hatch. They are not needed when steering with the AGCO-JD-Bridge and John Deere display and receiver.



Locate the X21 connector (shown right) and disconnect the female connector from the male connector.



Insert the grey 12-pin male of the Machine Adapter into the 12-pin Deutsch female that was previously connected to the x21 connector.



Next, plug the grey 12-pin mini of the Machine Adapter into the bridge and secure the bridge within the roof compartment.

Finally route the longer grey 12-pin adapter with the dust cover to the roof and connect it to the receiver.

(Connection from the bridge to GPS adapter cable to a StarFire 6000 receiver)



Step 2: Installing the Display Adapter

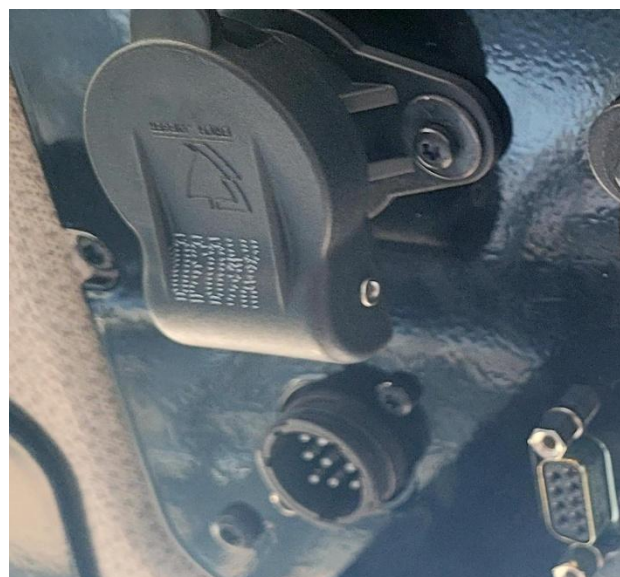
Locate the following panel on the back-right side of the machine's roof.



Insert the circular 9-pin female end of the Monitor Adapter into the 9-pin male ISO in-cab connector.

Insert the 3-pin male connector into one of the two 3-pin female power connectors.

Insert the final female monitor connector into your JD monitor.



Step 3: Mounting the JD Equipment

The John Deere GPS receiver **MUST** be mounted at the front of the cab.



Using the AgraGPS Fendt-M-710 mount and a D-JD-M square bracket, undo the 4 bolts holding the roof panel latches.



It is easier to work with the latches with the roof panel opened as some pressure is removed from the gas filled cylinders.



The JD-display may be mounted many different ways.
You may use the standard JD mounts or a RAM mount. RAM mounts can be purchased from RAM or directly from Agra-GPS.

RAM-270U + 2 * 1.5" balls (RAM-202U) +
4" double socket arm (RAM-201U)

<http://www.rammount.com/part/RAM-270U>



For a Rogator sprayer you want to use a 4gen JD display as the 3gen displays are limited to 16 sections!!

Step 3: Once the receiver is installed, move on to the Bridge User Manual for instructions on how to access the ISO app

NOTE: If you do not have the Bridge User Manual it can be found at <https://www.agragps.com/bridge-user-manual-english/>

Operating notes for the Agra-GPS AGCO-JD Bridge

For autosteer activation you must follow the "normal" JD steps to be autosteer ready:

- Create an AB-line
- Move from "Steer OFF" to "Steer ON" (3 sections of the guidance 'pie') on the JD display.

NOTE: In order to go from "Steer OFF" to "Steer ON" the user must satisfy all guidance requirements for the John Deere monitor. This includes being close to the AB-line.

Your machine must also be in "autosteer ready" mode, which means you must have a field gear selected, drive at a minimum speed and have moved your steering wheel at least once after engine start.

The autosteer is then enabled by pressing the built-in resume button on the throttle control lever.

Autosteer settings can be adjusted within the JD display.

NOTE: Make sure you are in FIELD mode, selected on the right armrest panel.

