

INSTALLATION MANUAL

Agra-GPS Rogator-JD Bridge



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Rogator-JD Install

Release Notice

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

Disclaimer

While every effort has been made to ensure the accuracy of this document, Agra-GPS Ltd assumes no responsibility for omissions and errors. Nor is any liability assumed for damages resulting from the use of information contained herein. Agra-GPS Ltd shall not be responsible or liable for incidental or consequential damages or a loss of anticipated benefits or profits, work stoppage or loss, or impairment of data arising out of the use, or inability to use, this system or any of its components.

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

Important Safety Information

Read this manual and the operation and safety instructions carefully before installing the Rogator-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 Rogator-JD Bridge, observe the following safety measures:

- Be alert and aware of surroundings.
- Do not operate the Rogator-JD Bridge system while under the influence of alcohol or an illegal substance.
- Remain in the operator's position in the machine at all times when the Rogator-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the Rogator-JD Bridge system when a safe working distance has been diminished.
- Ensure the Rogator-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the Rogator-JD Bridge system.
- Follow all safety instructions from Rogator as well as the John Deere.
- The Rogator-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 Rogator-JD Bridge. The Rogator-JD Bridge is designed to bridge the communication between a Rogator tractor (autosteer ready) and a John Deere display (1800, 2600, 2630, 4240, or 4640). This allows a JD display to create maps in the John Deere format and also provides straight AB-Line, curve, or circletrack autosteer.

The operator uses 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 Rogator-JD Bridge to create steering instructions for the tractor. All conditions for autosteer such as minimum speed, steering enabled etc. Must be met by the Rogator tractor system before the autosteer engage option in the tractor can be activated.

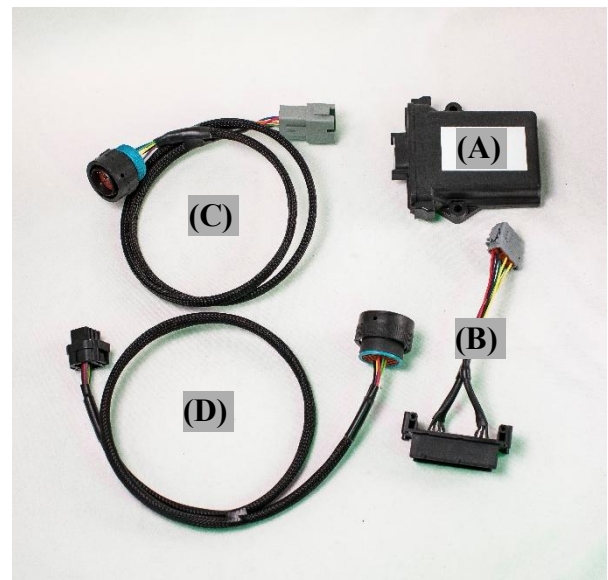
NOTICE

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

What's In The Box

In your order you should receive the following items:

- a. Rogator-JD Bridge
- b. Rogator-JD Machine Adapter
(SKU: AGCOJDRGCMABS2)
- c. Rogator-JD Roof Adapter
(SKU: AGCOJDRGCRABS2)
- d. Rogator-JD Display Adapter
(SKU: AGCOJDRGCDABS2)



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

First, start by removing the panel on the upper portion of the right side of the cab.

Once this panel has been removed, disconnect the existing vehicle navigation system (rectangular white box) from its wiring.



Next, insert the 29-Pin black amp connector into the socket connector the existing vehicle navigation system was previously connected to.



Connect the other end of the adapter into the Rogator-JD Bridge. Although it is good practice to mount the bridge somewhere inside the compartment, it is not necessary. Once installed, reseal the panel.

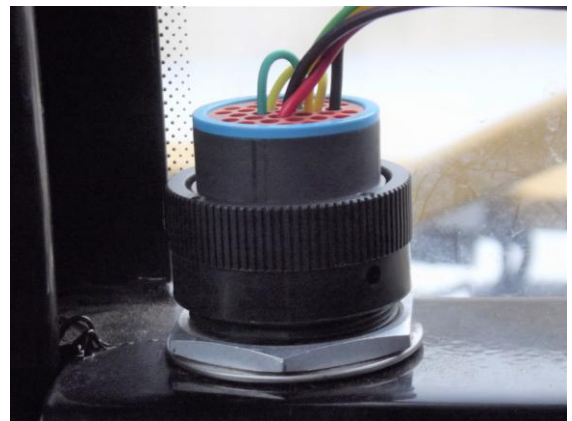


Step 2: Installing the Display Adapter

To install the Monitor Adapter, remove the first 31-Pin circular Deutsch cap from its connector located on the left side of the cab. This will be the one located closest to the front of the machine.



Next, connect the 31-Pin circular Deutsch end of the Monitor Adapter to the connector that was just revealed in the previous step.



The mounts for the JD display are NOT part of the Rogator-JD Bridge, however they can either be ordered from a John Deere dealer or directly from RAM.

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

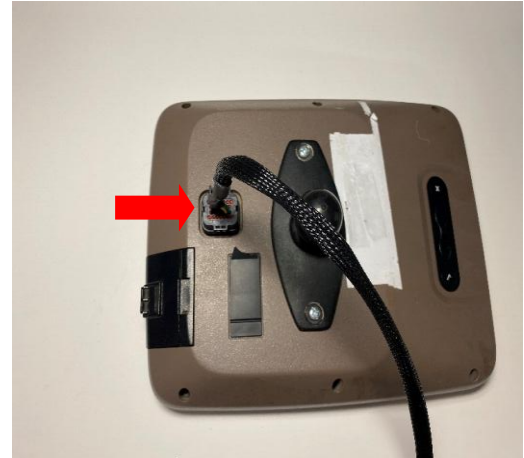
RAM-270U + 2 * 1.5" balls
(RAM-202U) + 4" double socket arm (RAM-201U)

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

Note: The RAM mount only fits 2600 or 2630 displays
NOT the 4-gen displays!



Once the display is mounted, route the other end of the Display Adapter to the monitor and plug it in.



Step 3: Installing the Roof Adapter

The Roof Adapter will be connected to the 20-Pin Amphenol connector located on the roof. If this connector already has a cable connected to it, remove it.



Connect the 20-Pin Amphenol end of the Roof Adapter to the connector mentioned in the previous step.



The Rogator-JD Bridge does NOT include a standard JD-receiver bracket.

However a mount can be purchased separately from Agra-GPS if required.

You want to create a mount which is centered left-right. Install towards the front of the cab.



Once the receiver is mounted, route the other end of the Roof Adapter to the receiver and plug it in.



Step 4: 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 agragps.com

Step 5: Additional important information for the Rogator-JD Bridge

- The machine will automatically disengage above 23.6 mp/h or 38.0 km/h.
- The machine will **NOT** allow engage above 15.5 mp/h or 25 km/h for safety reasons.
- In the John Deere monitor the machine type **must** be selected as **tractor** if the user wishes to have section control features. This is due to the machine information being loading onto the JD monitor as an implement.
- The task controller (TC) **must** be turned off in the built in monitor if the user wishes to utilize John Deere section control features. This can be found in the isobus section of the built in monitor.