

INSTALLATION MANUAL

Agra-GPS Krone-JD Bridge



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Contact information

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Release Notice

This is the June 2026 release of the Krone-JD Bridge Installation Manual.

Disclaimer

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

Important Safety Information

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

- Be alert and aware of surroundings.
- Do not operate the Krone-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 Krone-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the Krone-JD Bridge system when a safe working distance has been diminished.
- Ensure the Krone-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the Krone-JD Bridge system.
- Follow all safety instructions from Krone as well as the John Deere.
- The Krone-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 Krone-JD Bridge. The Krone-JD Bridge is designed to bridge the communication between a Krone machine (autosteer 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 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 Krone-JD Bridge to create steering instructions for the machine. All conditions for autosteer such as minimum speed, steering enabled etc. Must be met by the Krone machine system before the autosteer engage option in the machine can be activated.

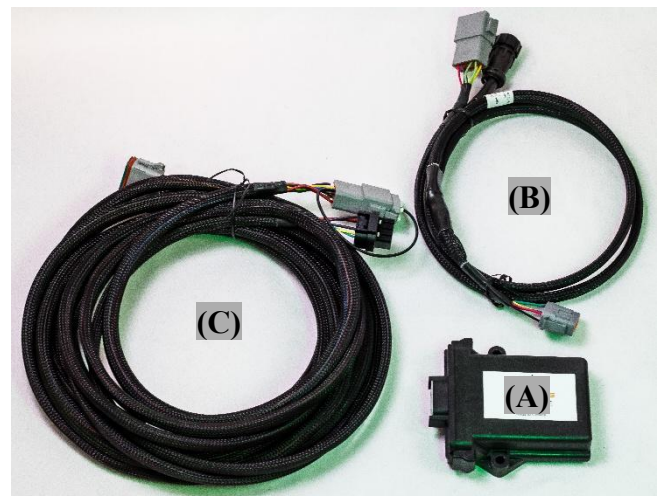
NOTICE

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

What's In The Box

The Krone-JD kit consists of the following items:

- a. Krone-JD Bridge
(SKU: KRONEJDBS2)
- b. Krone-JD Harness Kit
(SKU: KRONEJDMABS2)
- c. JD12 Harness for connection to receiver
and monitor
(SKU: JD12)



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

Installation of the Krone-JD Bridge:

Step 1: Mounting the Krone-JD Bridge

Inside the cab there is an ISO connector. Connect the circular ISO connector from the harness into this port.



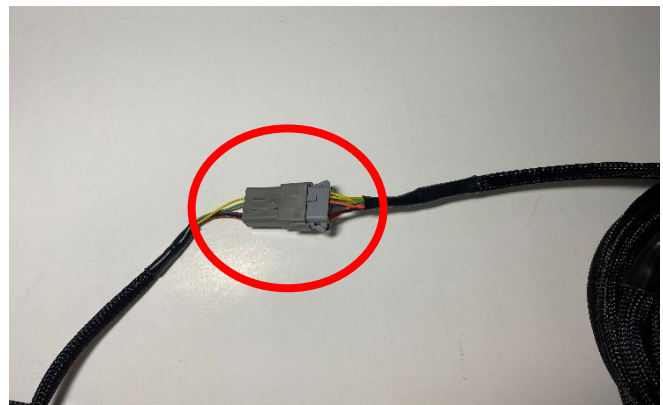
The harness should come with the 12-pin female Deutsch mini connector pre plugged into the bridge.

Ensure that this is plugged in, then mount the bridge anywhere in the cab away from heat sources that allows the harness to reach the ISO connection.



The 12-pin male Deutsch connector should also be plugged into the 12-pin female Deutsch connector of the JD-12.

Note: If your adapters are not plugged into these spots do it now.



Step 2: Mounting the JD Display

The mounts for the JD display are NOT part of the Krone-JD Bridge, however they can either be ordered as an optional item from AgraGPS or directly from RAM.

The JD-display may be mounted many different ways.

You may use the standard JD mounts or a RAM mount. RAM-270U + 2 * 1.5" balls (RAM-202U) + 4" double socket arm (RAM-201U)

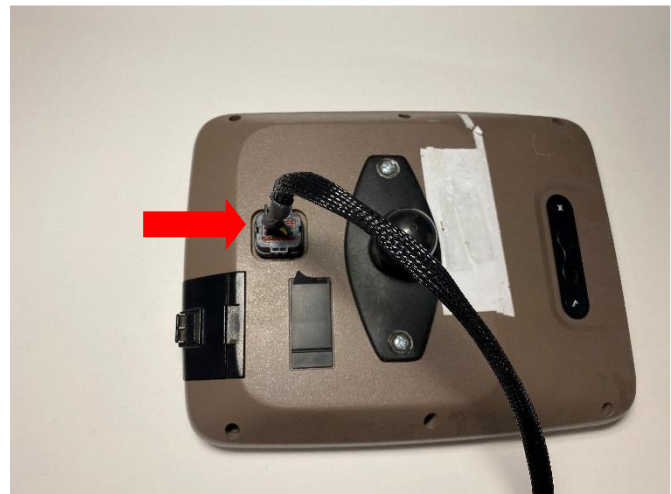
<http://www.rammount.com/part/RAM-270U>

The picture to the right shows potential mount locations.



Once the JD display is mounted route the display cable (black connector) of the JD-12 to the display and connect it.

Note: The back of your display may look different but this connector will work for all displays.



Step 3: Mounting the JD Receiver

The Krone-JD Bridge does NOT include a standard JD-receiver bracket

You either want to create or buy a mount which is Centered left-right on the cab roof and as far forward as possible.

Once the receiver is installed route the last cable of the JD-12 harness to the roof and connect it to the receiver.



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 <https://www.agragps.com/bridge-user-manual-english/>

Step 5: Additional information for Krone-JD Bridge

- The Krone-JD bridge will automatically disengage above 13.5 mph (21.7 kmh). This is due to limitations of the autosteer system set by the machine.
- You must be in field mode for the Krone machine to accept any steering commands!

