

INSTALLATION MANUAL

Agra-GPS GleanerS9-JD Bridge for Gleaner S9 Series Combine



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AGCO-Gleaner S9 Install

Release Notice

This is the July 2026 release of the GleanerS9-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 GleanerS9-JD Bridge IF YOU DISAGREE WITH THE DISCLAIMER.

Important Safety Information

Read this manual and the operation and safety instructions carefully before installing the GleanerS9-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 GleanerS9-JD Bridge, observe the following safety measures:

- Be alert and aware of surroundings.
- Do not operate the GleanerS9-JD Bridge system while under the influence of alcohol or an illegal substance.
- Remain in the operator's position at all times when the GleanerS9-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the GleanerS9-JD Bridge system when the safe working distance has been diminished.
- Ensure the GleanerS9-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the GleanerS9-JD Bridge system.
- Follow all safety instructions from the GleanerS9 system as well as the JD system.
- The GleanerS9-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 GleanerS9-JD Bridge. The GleanerS9-JD Bridge is designed to bridge the communication between a GleanerS9 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 guidance lines. The current position is determined by a John Deere receiver and all this information is used by the GleanerS9-JD Bridge to create steering instructions for the Gleaner machine. All conditions for autosteer such as minimum speed, steering enabled, etc. must be met by the Gleaner system before the autosteer engage option in the machine can be activated. The GleanerS9-JD bridge has been developed so that the user may use their John Deere equipment with the standard functionality when possible.

NOTICE

This manual is not intended to replace the manuals for the Gleaner machine or the John Deere system. The operator must read and understand the manuals and instructions of these systems, before using the GleanerS9-JD Bridge.

What's In The Box

In your order you should receive the following items:

- a. GleanerS9-JD Bridge
- b. GleanerS9-JD Machine Adapter
(SKU: AGCOJDGLS9MABS2)
- 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

Step 1: Installing the Machine Adapter

The GleanerS9-JD Bridge is installed right of the driver seat.

Open the panel to the right of the seat and expose the compartment below.



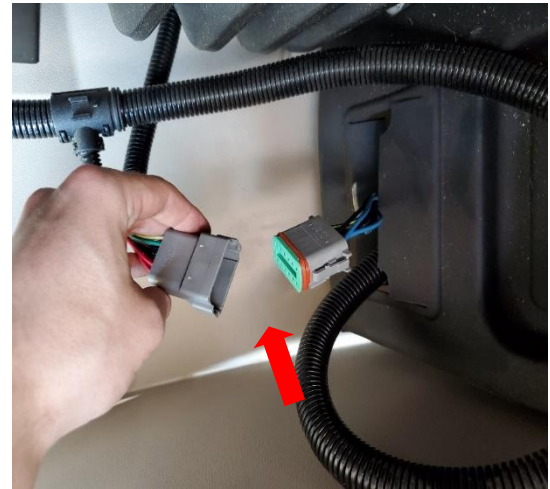
Towards the back of the compartment there should be three diagnostic ports. These ports will have numeric designations.

Take the Machine Adapter and connect the end labelled 'Main' into the diagnostic port labelled '2'. Connect the other end, labelled 'Secondary' into the diagnostic port labelled '1'.



Then, insert the 12-pin Deutsch 'in-between' connectors of the Machine Adapter in between the Deutsch connectors on the cable that is routed through the floor located just to the right of the driver's seat. These connectors may need to be exposed, as occasionally they are tucked into the hole they are routed through.

This cable and the set of connectors can also be accessed through the compartment where the first two diagnostic plugs were connected for a clean install.



Then connect the grey 12-pin mini plug of the Machine Adapter and plug it into to bridge.

Mount the bridge in a safe location within the cab.



Finally, connect the grey 12-pin of the Machine Adapter to the corresponding plug of the JD-12.

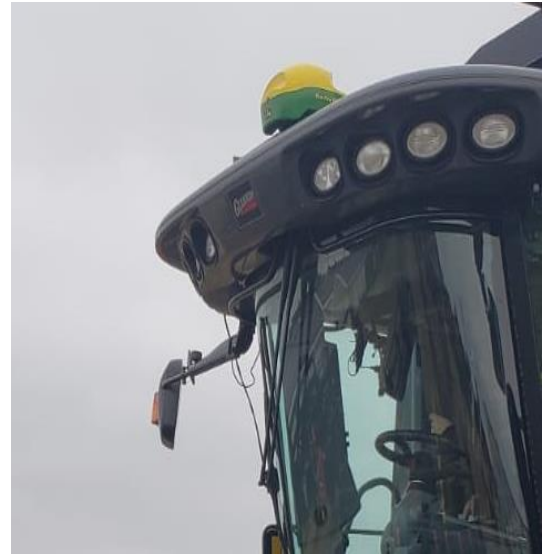


Step 2: Installing the JD12 Adapter

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

Use the provided adapter cable to connect the 12-pin deutsch of the JD GPS receiver with the 12-pin deutsch of the JD12 Adapter.

It is best to route the JD receiver end of the GleanerS9-JD cable out through the right side of the cab and up to the roof.



Mount the JD Monitor somewhere sturdy inside the cab and connect it to the GleanerS9-JD cable.

The JD-display may be mounted many different ways.
You may use the standard JD mounts or a RAM mount.

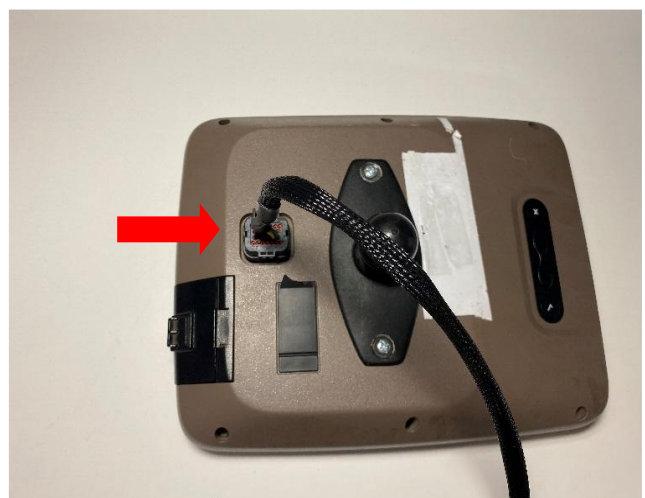
RAM-270U + 2 * 1.5" balls (RAM-202U) +
4" double socket arm (RAM-201U)

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



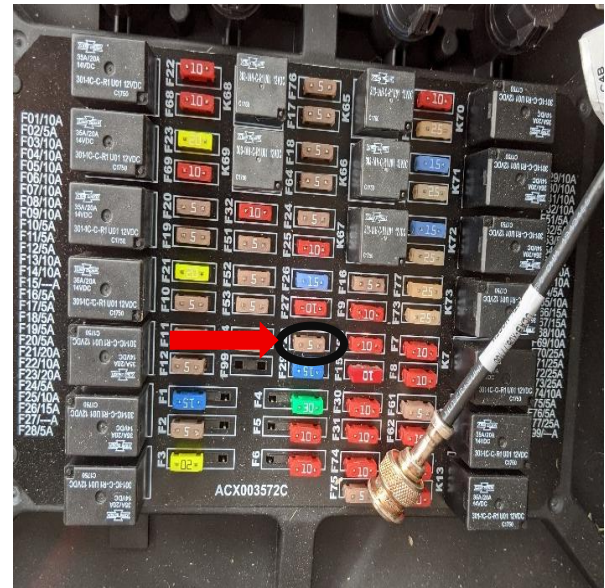
Take the final black connector and connect it to your JD Display.

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



Step 3: Remove the existing Steering Controller

In order for the GleanerS9-JD bridge to function, the existing guidance controller must be removed from operation. To do this, simply remove fuse **F28** (VD03) in the same compartment where the GleanerS9-JD bridge was installed. On startup there may be some errors related to the VD03 controller or the F28 fuse. These can be ignored.



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/>

Additional information for GleanerS9-JD Bridge

The autosteer enable switch must be on for autosteering capabilities to be allowed on the machine side. This button is located on the armrest to the right of the seat.



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

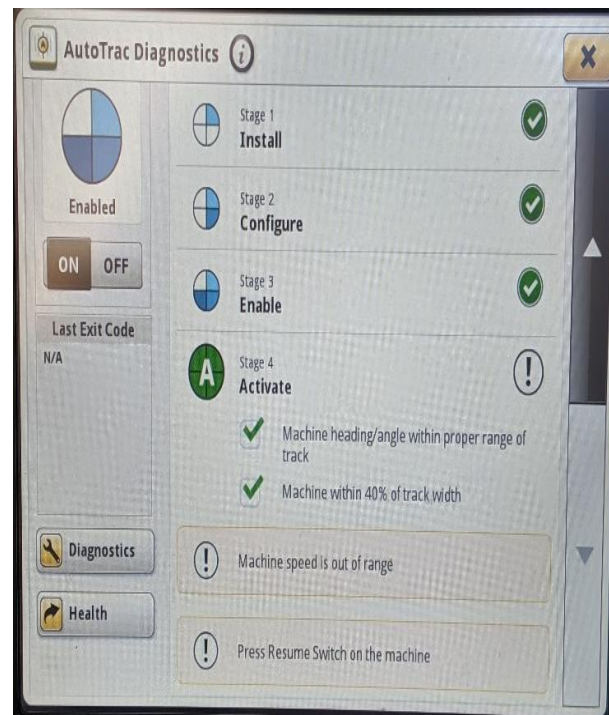
- Create an AB-line
- Move from "Steer OFF" to "Steer ON" (3 sections of the guidance 'pie') on the JD display.

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.

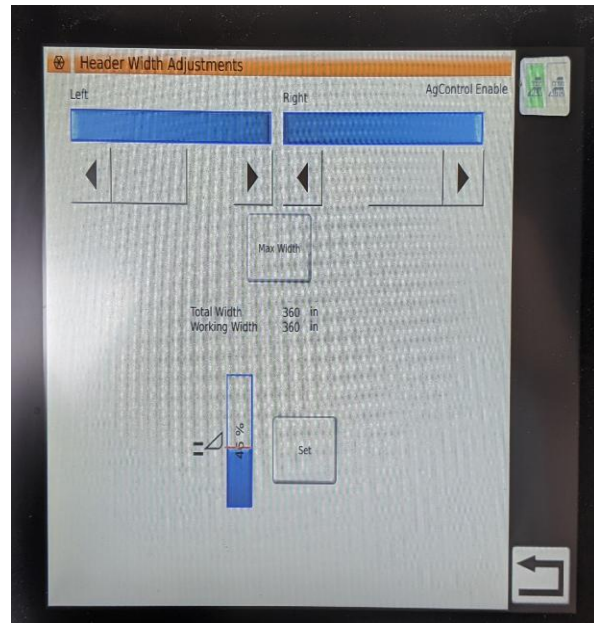
Your machine must also be in "autosteer ready" mode, which means you must have a field gear selected, drive at a minimum speed and have moved your steering wheel at least once after engine start.

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.



Work recording in the GleanerS9-JD Bridge is done based on the 'workstate' of the GleanerS9 machine. For workstate to be considered on by the machine, the header and threshing must be on, and the header must be lowered below the Gleaner's set workpoint. This workpoint can be set in the built-in monitor in the Gleaner machine under the 'Header Width Adjustments' section of the monitor.



For yield and product density to be received by the GleanerS9-JD Bridge, a task must be set up and enabled in the 'TaskDoc' section of the built-in monitor (Shown right).

Product density is determined by what type of crop is selected in the built-in monitor. Verify that the appropriate crop type is selected in the 'Crop Settings' section.

