

INSTALLATION MANUAL

Agra-GPS Case-JD Bridge for Case 30, 40 and 50-series combines



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CaseCombine 40 50 Install

Release Notice

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

Disclaimer

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

Important Safety Information

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

- Be alert and away of surroundings.
- Do not operate the Case-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 Case-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the Case-JD Bridge system when a safe working distance has been diminished.
- Ensure the Case-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the Case-JD Bridge system.
- Follow all safety instructions from the Case system as well as the JD system!
- The Case-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 Case-JD Bridge. The Case-JD Bridge is designed to bridge the communication between a Case combine (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 auto-steer.

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

NOTICE

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

What's In The Box

In your order you should receive the following items:

- a. CNH-JD-C-DIAG Bridge
- b. CNH-JD-C-DIAG Machine Adapter (SKU: CNHJDCDIAGMABS2)
- 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

Note: A 30 series CaseCombine can use either a CNH-JD-DIAG or a CNH-JD-1030 depending on the machine. This guide is only for 30 series WITH a diagnostic port. If your machine does not have a diagnostic port refer to the CaseCombine install for 10,20 and 30.

Step 1: Installing the Machine Adapter

The Case-JD Bridge is installed right of the driver seat inside the cab. Lift the plastic cover and you should find lots of space to setup the Case-JD bridge.

Before mounting, ensure the grey 12-pin mini of the Machine Adapter is connected to the bridge.



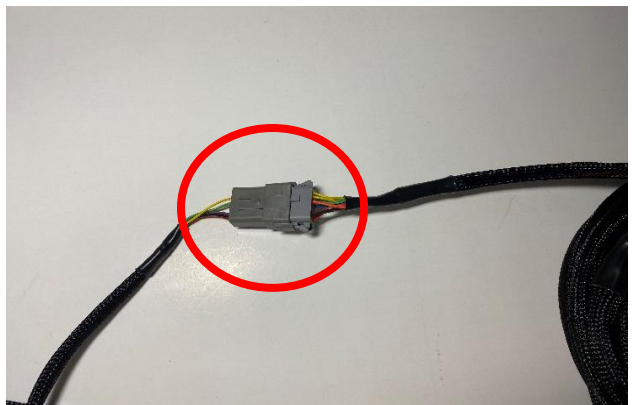
The machine adapter has 2 connectors which must be connected to the combine. One is a round diagnostic port connector, it goes to the left of your seat. (see picture). The other is a round 3-pin connector that will be used for power.

NOTE: You must disconnect the nav controller, should one be present!



Step 2: Installing the JD12 Adapter

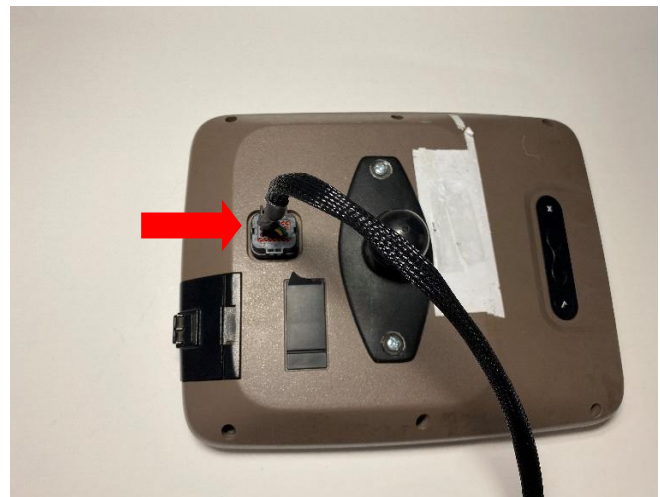
The last 12-pin grey Deutsch connector will be connected to the plug of the JD-12 harness.



The JD-12 harness has two connections that need to be made. The grey 12-pin Deutsch connector must be routed to the roof of the machine and plugged into the receiver.



The final black connector will plug into your monitor. Once all connections are made the installation is complete.



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/>

Step 4: Operating the Case-JD Bridge (30,40 and 50 series)

If the JD display shows "road mode" or does not go from "Steer OFF" (2 parts of the PIE) to "Steer ON" your Case combine is not ready for autosteer.

For the Case combine to be autosteer ready, you must hold the "autosteer enable" button in the top panel for several seconds. You must also move the steering wheel by hand at least once.



The autosteer is engaged with the "Resume" button on the right side of the control handle.

Disengage by moving the steering wheel.



Step 5: Combine Settings for Autosteer

Check that the navcontroller icon is showing at the bottom of the screen. Should it not show, you will need to get your Case dealer to enable the autoguidance settings on the combine! It requires a service laptop! The valve should also be calibrated at that time as the combine was likely never setup for autosteer.

To make the AutoSteer working a couple checkmarks in the combines display must be selected.

Please see the following photos:

