

INSTALLATION MANUAL

Agra-GPS Case-JD Bridge for Case 10, 20 and 30-series combines



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AGRA-GPS Ltd.

Contact information

Agra-GPS Ltd.

Box 2585

Stony Plain, AB

T7Z 1X9

CANADA

+1 (825) 247-2477

support@agragps.com

www.agra-gps.com

CaseCombine Install

Release Notice

This is the July 2026 release of the Case-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 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.

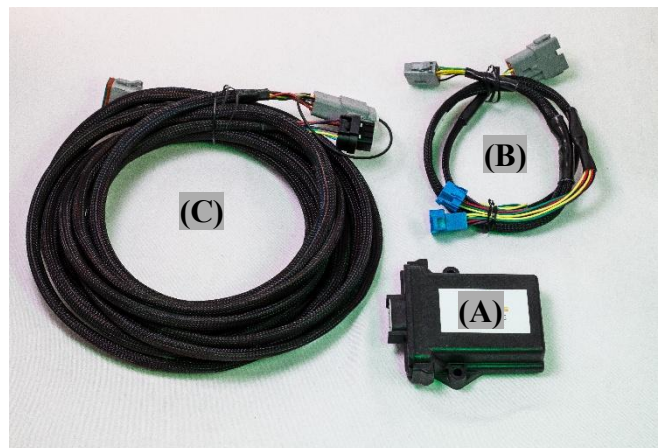
NOTICE

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-1030 Bridge
- b. CNH-JD-1030 Machine Adapter
(SKU: CNHJDC1030MABS2)
- 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 WITHOUT a diagnostic port. If your machine has a diagnostic port and does not have the blue connectors shown below refer to the CaseCombine install for 30,40 and 50.

Step 1: Installing the Machine Adapter

The Bridge is installed to the right of your seat, below the armrest.

Inside the armrest, you can find a blue square connector, it provides access to power and canbus and is the only connector required.

Open the connection and insert the blue connectors of the Machine Adapter.



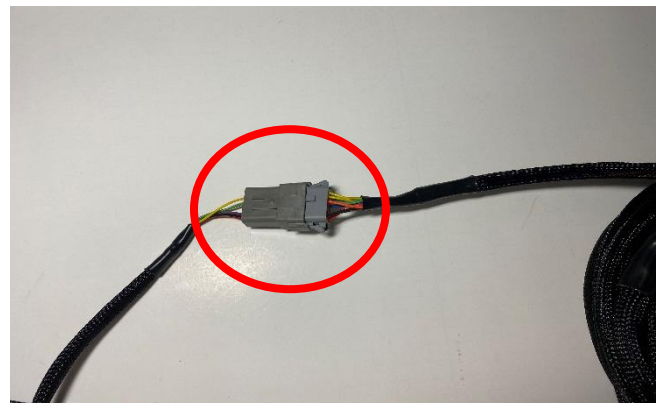
The harness should come with the 12-pin female Deutsch mini connector pre plugged into the bridge.

Ensure that this is plugged in, then mount the bridge inside the armrest.



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: Installing the JD12 Adapter

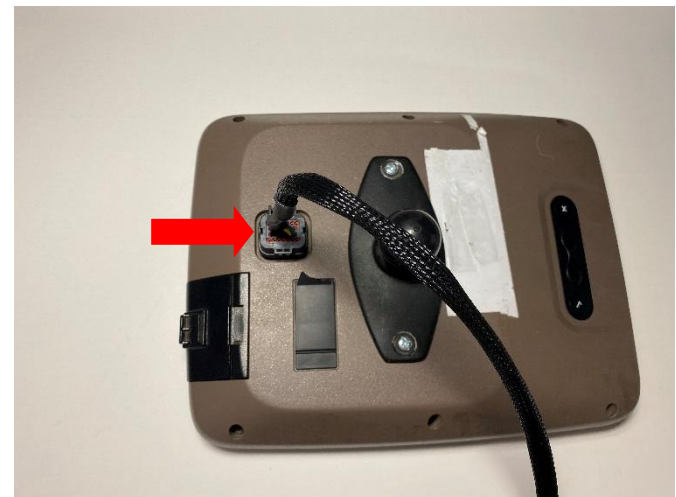
Mount the JD GPS receiver to the front of the cab

After the receiver is mounted, route the grey 12-pin of the JD12 harness to the roof and connect it to the receiver.



Take the final black connector of the JD12 harness 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: 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 (10, 20 and 30 series)

If the JD display shows "road mode" or does not go from "Installed" (1 part of the pie) to "Configured" 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 armrest for several seconds. This will bring the JD steering status to 2/4 on the pie. Then press the pie again to bring it to 3/4



The autosteer is engaged with the "Resume" button in 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 work a couple checkmarks in the combines display must be selected.

Please reference the following photos:

