

INSTALLATION MANUAL

Agra-GPS Massey 7xxx S JD Bridge



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Massey 7xxx Install

Release Notice

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

Disclaimer

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

Important Safety Information

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

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

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

NOTICE

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

What's In The Box

The AGCO-JD-7xxxS kit consists of the following items:

- a. Massey-JD Bridge
- b. Massey-JD Machine Adapter
(SKU:AGCOJD7xxxSMABS2)
- 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: Mounting the Massey-JD Bridge

The Massey-JD Bridge is installed right of the driver seat, at the bottom.

Removing the plastic cover, you will get access to the harnesses.

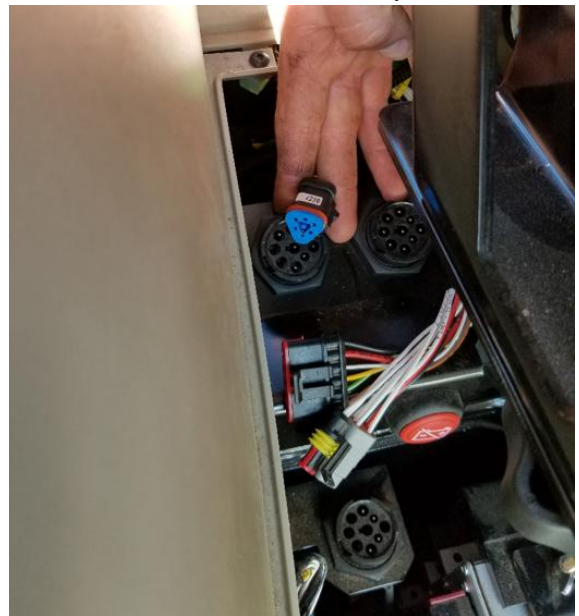


After mounting the bridge, connect the grey 12-pin mini connector from the Massey-JD machine adapter to the bridge.



After removing the plastic cover, locate the X230 connector behind the panel as shown in the picture.

The X230 connector should already have a termination resistor plug connected from the factory. This must be reconnected to the open end of the Agra-GPS harness (the other 3-pin connector).



Next, remove the cover at the left side where the 3-Pin power socket is located as pictured.



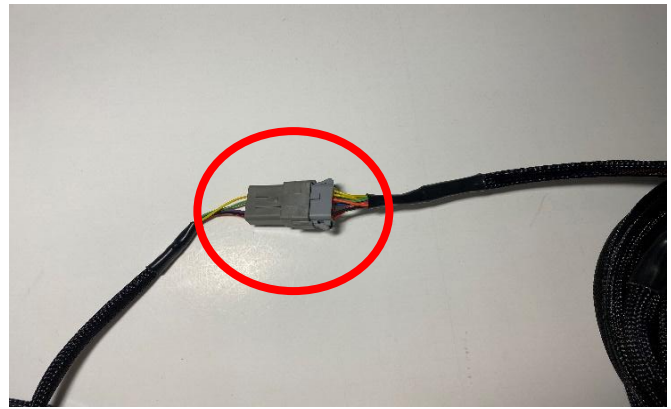
There you will find the X151 connector.
Disconnect it and connect the Massey-JD machine adapter between.



The 2 grey 4-pin Deutsch connectors of the Machine Adapter are optional. These are only needed if you have a factory equipped ISO setup and require the ISO connection. If you do require the connection, first remove the terminator caps, then insert the 4-pins of the Machine Adapter into the ISO connection. If you do not require the connection, the 2 4-pins can be left as is.

Note: If you install the 4-pins do not dispose of the terminator caps as they could be used for future troubleshooting.

Finally, the grey 12-pin adapter should come pre-plugged into the JD-12 harness. If it isn't do this now.



Step 2: Installing the JD12 Adapter

Before installing the JD12 Adapter the receiver must be mounted on the roof of the cab.

The receiver can be mounted in various ways, if you require a mounting bracket, they can be purchased separately from Agra-GPS.

Once the Receiver is mounted, route the grey 12-pin of the JD12 adapter to the roof and plug it into the receiver.



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

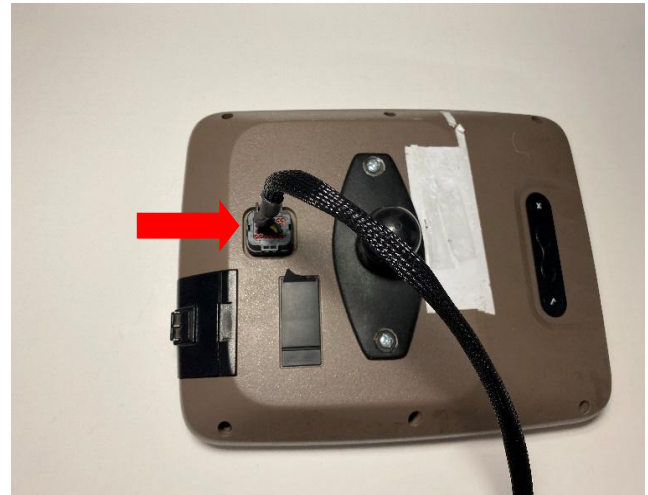
A RAM mount can be purchased directly from RAM or also purchased separately from Agra-GPS.

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

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



The final black connector should be routed towards the Display and plugged in after the Display is mounted to complete the installation.



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/>