

INSTALLATION MANUAL

Agra-GPS Massey 8xxx S JD Bridge



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AGCO-JD-8xxxS Install

Release Notice

This is the July 2026 release of the Massey-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 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 a John Deere display (2600 or 2630). This allows a JD display to create maps in the John Deere format and also provides 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.

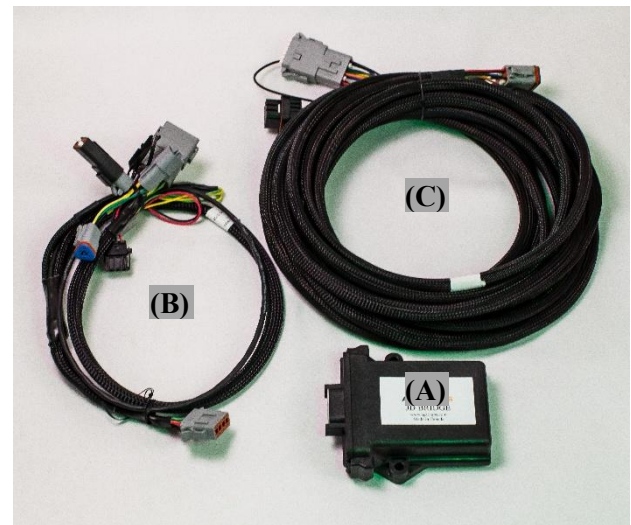
NOTICE

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-8xxxS kit consists of the following items:

- a. AGCO-JD-8xxxS Bridge
- b. AGCO-JD-8xxxS Machine Adapter (SKU: AGCOJD8XXXSMABS2)
- c. JD12 Harness (SKU: JD-12)



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

Remove the panel near the side door to the right of the driver seat.



Locate the X150 connector, open the connection, and connect both ends of the matching Machine Adapter to the now open ends.



Locate the X634 connector, open the connection, and connect both ends of the matching Machine Adapter to the now open ends.



The Bridge can also be mounted in this panel. However, before mounting ensure the mini grey 12-pin of the Machine Adapter is connected to the bridge.



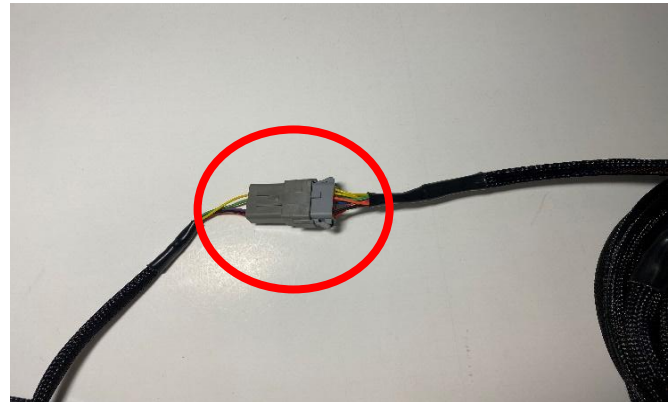
Remove the panel at the bottom right of the drivers seat.



Locate the X230 connector, open the connection, and connect both ends of the matching Machine Adapter to the now open ends



The final grey 12-pin of the machine adapter will be connected to the corresponding plug on the JD-12 Adapter.



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.

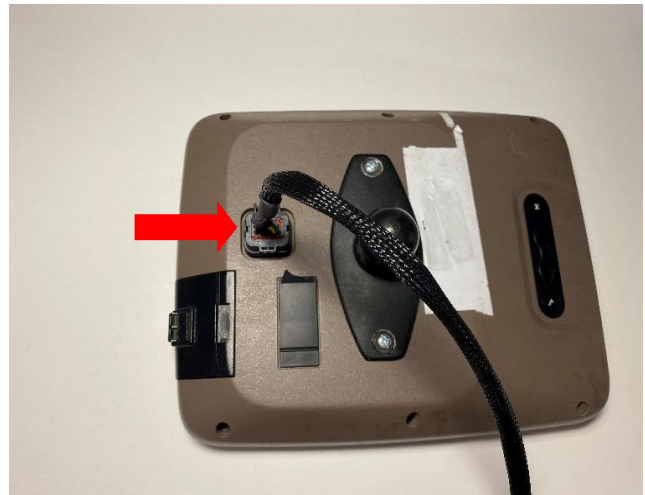
A RAM mount can be purchased directly from RAM or also purchased separately from Agra-GPS.

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/>