

INSTALLATION MANUAL

Massey 8S-xxx JD Bridge



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Release Notice

This is the July 2026 release of the Installation Manual for the Massey 8S-xxx JD Bridge.

It is assumed that users of the products described herein have either system integration or technical experience, as well as an understanding of the fundamentals of agricultural machinery.

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 8S-XXX JD BRIDGE IF YOU DISAGREE WITH THE DISCLAIMER.

Important Safety Information

Read this manual and the machine operation & safety instructions carefully before installing the 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 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 Bridge, observe the following safety measures:

- Be alert and aware of surroundings.
- Do not operate the Bridge system while impaired.
- Always remain in the operator's position in the machine when the Bridge system is engaged.
- Determine and maintain a safe working distance away from other individuals. The operator is responsible for disabling the Bridge system when a safe working distance has been diminished.
- Ensure the Bridge is disabled prior to starting any maintenance work on the machine or parts of the Bridge system.
- Follow all safety instructions from the Massey 8S machine as well as the John Deere system.
- The Bridge must only be used in the field, never on public roads.

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 in contact with sharp edges or anything that could cause chafing, as this could result in power shorts and/or other malfunctions.
- Power is supplied to the Bridge even when the key is off. Power can be removed in 3 different ways: 1) Remove the connector from the Bridge, 2) Remove the fuse supplying circuit power, or 3) Remove a battery lead while the machine is off.

Introduction

Congratulations on your purchase of the Massey 8S-xxx JD Bridge! The Bridge is designed to bridge the communication between a Massey Ferguson 8S tractor 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.

This allows a JD display to create maps in the John Deere format, and also provides autosteer functionality. The operator uses the JD display to create AB-lines or field documentation, or to handle any other GPS system input.

The Bridge contains a full steering controller capable of steering a Massey 8S tractor. All conditions for autosteer such as minimum speed, steering enabled, etc., must be met by the Massey 8S tractor before the autosteer engage option can be activated.

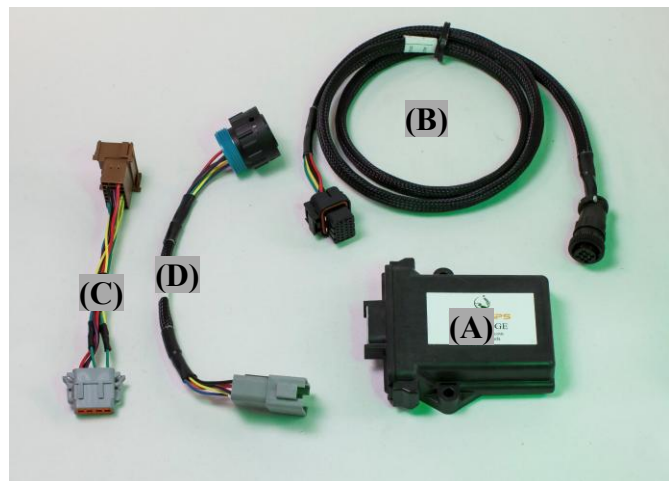
NOTICE

This manual is not intended to replace the manuals for the Massey 8S tractor nor the John Deere GPS system. The operator must read and understand the manuals and instructions of these systems, before using the Bridge.

What's In The Box

The AGCO-JD-8S.XXX kit consists of the following items:

- a. AGCO-JD-8S.xxx Bridge
- b. AGCO-JD-8S.xxx Display Adapter
- c. AGCO-JD-8S.xxx Machine Adapter
- d. AGCO-JD-8S.xxx Roof Adapter



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

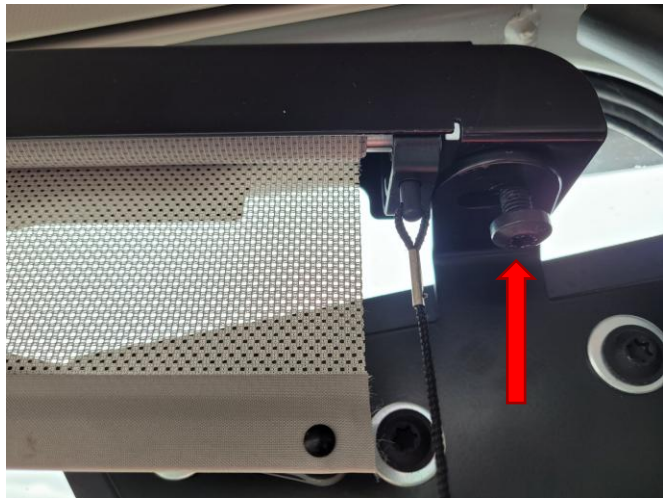
Step 1: Installing the Machine Adapter

The Machine Adapter will be installed in the upper fuse panel in the upper right part of the cab.

In order to gain access, remove the plastic fuse panel cover as shown.



It may also be necessary to remove the side window blind. This can be done by removing 1 bolt on the right-hand side of the blind, which will allow it to swing down.



Once you have gained access, locate the connector matching the brown 21-pin of the Machine Adapter. Open the connection of necessary and plug in the Machine Adapter.

The other end of the Machine Adapter can be plugged into the bridge.

The bridge can be secured and left in this panel.



Step 2: Installing the Monitor Adapter

The mounts for the JD display are NOT part of the Bridge kit, but can easily be manufactured in the average shop or ordered from Agra-GPS or RAM (further notes next page).

The circular connector of the Monitor Adapter will be plugged into the 9-pin ISO socket found above the lower fuse panel, in the lower forward corner of the cab (plug location is indicated).



The other end of the display cable is plugged into the back of the JD display. Supported models include the 1800, 2600, 2630, 4240, and 4640.



The JD display may be mounted in many ways. You may use the standard JD mounts or a RAM mount. A display mount is not provided in the Bridge kit and must be purchased separately.

For example: RAM-270U + 2 * 1.5" balls (RAM-202U) + 4" double socket arm (RAM-201U)
<http://www.rammount.com/part/RAM-270U>

Shown: JD 2600 in a Fendt 714



Step 3: Installing the Roof Adapter

Install Receiver Mount

The JD receiver will require a suitable mount. The Massey 8S tractor may come pre-equipped with a non-JD receiver as shown, which must be removed.

A simple bracket such as shown below could be used for the receiver mount. This bracket is not supplied but can be purchased separately from John Deere or Agra-GPS directly.



Install the JD Receiver

After securing the JD Receiver to the mount, connect the receiver cable to the grey 12-pin of the Roof Adapter, the other end of the Roof Adapter will connect to the circular connector at the front of the cab roof.

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/>

Auto-Steer Operation

Refer to the Pie indicator on the JD monitor screen. With the Bridge installed, you should see at least 1 quarter of the Pie (Installed). If only 1 quarter is shown, press the Pie indicator on screen to move it to two quarters (Configured).

Press the Pie again (on screen) to obtain 3 quarters (Enabled).

To engage Auto-Steer: You will also need to create an AB-line, and the tractor must satisfy all guidance requirements, which includes being close to the AB-line. The tractor 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 in order to engage auto-steer.

Press the Engage button (indicated) to activate Auto-Steering. You can press the Engage button again to disengage, or simply turn the steering wheel.

