

INSTALLATION MANUAL



Agra-GPS Massey 7xxx S JD Bridge

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Release Notice

This is the July 2018 release (Revision A) 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 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.

Step 1: Mounting the Massey-JD Bridge

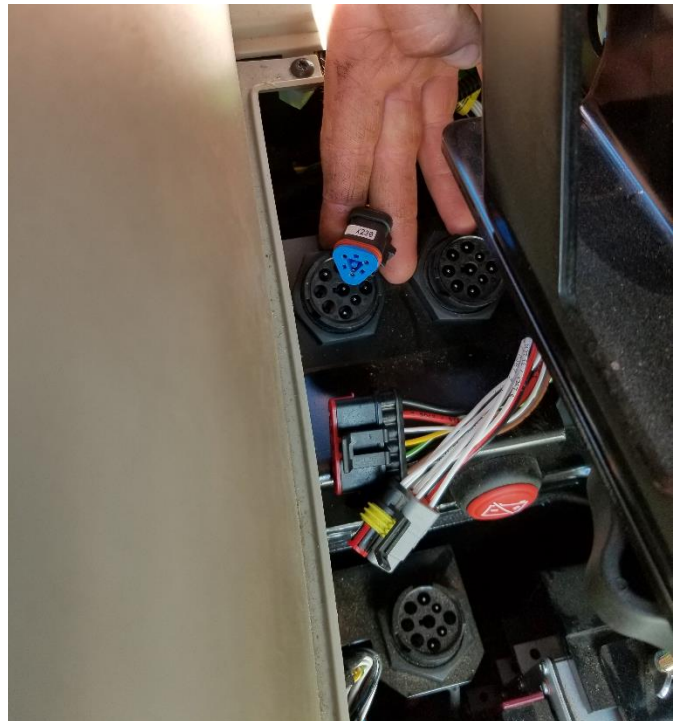
The Massey-JD Bridge is installed right of the driver seat, at the bottom.

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

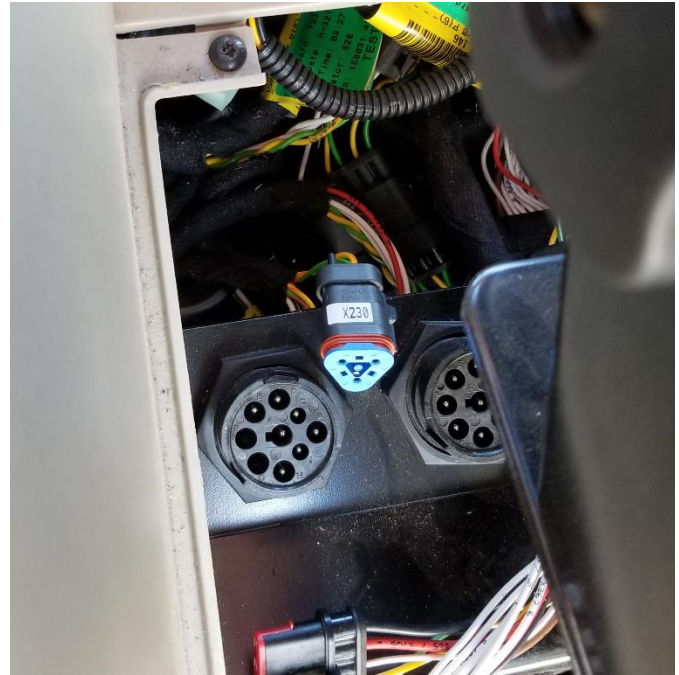


The connector X230 behind the panel shown in the picture.

Open the X230 connector and connect the adapter cable delivered with the JD-Bridge.



X230 Connector



Remove the cover at the left side where the 3-Pin power socket is located.

There you will find the X151 connector.

Disconnect it and put connect the adapter Between.



ISO Application

The Fendt bridge comes with an ISO application that will be loaded onto the John Deere monitor. The app should automatically store itself on the monitor after the first few minutes of the initial startup. On subsequent runs the app will load itself from memory as soon as possible. The Fendt app includes:

- Calibration
- Option to change work recording mode
- Option to change the machine type
- JD Direction switch
- Help page

Where to find the Fendt ISO application on the John Deere monitor:

- On a John Deere 4640 the application will be loaded in the ISOBus VT section on the main page of the display.

- On John Deere 1800, 2600, 2630 the application will be shown in the side menu of the John Deere display. The side menu is opened by clicking the button on the bottom right of the display.

If the ISO application is not loaded:

- Try clearing the monitor's memory. On 2630 monitors this can be done in the Message Center in the side menu. Go to the Cleanup tab, check controllers, then Begin Cleanup. On 4640 monitors this can be done in the info page of the ISOBus VT. Navigate to the ISOBus VT

window and click the info button at the top of the page, then press Clean Up ISO Bus VT.

- Do a full restart of the machine. Remember the app may take a few minutes to load.