

INSTALLATION MANUAL



Agra-GPS Valtra-JD Bridge for T and N tractors

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Revision A
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Release Notice

This is the November 2017 release (Revision A) of the Valtra-JD Bridge Installation Manual.

Disclaimer

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

Important Safety Information

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

- Be alert and away of surroundings.
- Do not operate the Valtra-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 Valtra-JD Bridge system is engaged.
- Determine and remain a safe working distance from other individuals. The operator is responsible for disabling the Valtra-JD Bridge system when a safe working distance has been diminished.
- Ensure the Valtra-JD Bridge is disabled prior to starting any maintenance work on the machine or parts of the Valtra-JD Bridge system.
- Follow all safety instructions from the Valtra system as well as the JD system!
- The Valtra-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 Valtra-JD Bridge. The Valtra-JD Bridge is designed to bridge the communication between a Valtra tractor (Autoguide ready) and a John Deere display (1800, 2600, 2630, or 4640). 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 Valtra-JD Bridge to create steering instructions for the Valtra tractor. All conditions for autosteer such as minimum speed, steering enabled etc. Must be met by the Valtra system before the autosteer engage option in the tractor can be activated.

NOTICE

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

Step 1: Mounting the Valtra-JD Bridge

The Valtra-JD Bridge is installed right of the driver seat.

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



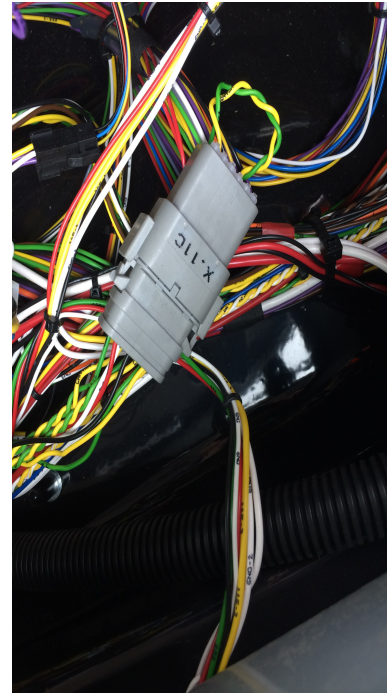
The connector X11C behind the panel shown in the picture.

Open the 11C connector and connect the adapter cable delivered with the JD-Bridge.



Plastic cover removed.

X11C connector



For the autosteer system to work, the 2 round autosteer buttons must be activated. They provide power to the valve and the control functions.



Step 2: Resume switch

The Valtra does have a build-in dedicated resume switch..

The resume button can be found to the right of your seat.



Step 3: Mounting the JD Receiver

The Valtra-JD Bridge does NOT include a standard JD-receiver bracket

You want to create a mount which is centered left-right. Install towards the front of the cab.

