

INSTALLATION MANUAL

Agra-GPS AGCO-JD Bridge for CH700 series tractors



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Release Notice

This is the July 2018 release (Revision A) of the AGCO-JD Bridge Installation Manual.

Disclaimer

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

Important Safety Information

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

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

NOTICE

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

Installation of the AGCO JD Bridge in a CH700

Step 1: Mounting the AGCO-JD Bridge

Above the steering wheel is a compartment that houses the connection point for the Bridge adapter. Two screws hold the panel in place.



Once the panel is removed various controllers will be visible.



The Bridge adapter will connect to plug “X0319”



Disconnect the plug from the existing controller.



Connect the Bridge adapter to the plug, and then adapter into the Bridge.

