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# Leica mojo3D: Direct Section Control AgroTronix Pulvix 8100 Installation Guide

Version 1.0  
English

- when it has to be **right**



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# 1



## Introduction

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This manual contains instructions for installing and setting up the product to operate with a Leica mojo3D. Read carefully through this manual before starting the installation. When this product is used with the Leica mojo3D it is mandatory to observe the safety directions and instructions contained in the corresponding user manual.

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### Compatibility

Equipment:	AgroTronix Pulvix with AgroTronix Sprayers
Cable Article Number:	789877 Cable, AgroTronix Pulvix CAN Cable
Max number of sections:	9
Master Switch Detection:	Yes

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### Software settings summary

Auth Code:	Direct Section Control unlocked
Section Controller:	AgroTronix Pulvix 8100
Implement Mode:	Sprayer Mode
Master Input Source:	AgroTronix Pulvix
Input Mode:	External

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## 2

### Pulvix 8100 Verification

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Before starting installation

Before starting the installation check that the equipment, section switches and rate control, is functioning as intended.

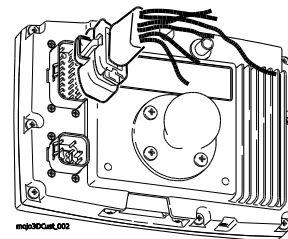
## 3

### Installation

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Connect data cable

1. Install the Leica mojo3D Port Expansion Cable by connecting it to the mojo3D.



2. Connect the data cable to appropriate CAN connector on the **mojo3D** Port Expansion Cable as shown by the table

QuickSteer	Yellow
Other Steer kit, or no steer kit	Red

3. Connect the data cable to the centre DB9 connector on the bottom of the Pulvix 8x00 controller in-line with the cables and accessories supplied by AgroTronix. Refer to the AgroTronix Pulvix manual for further details about the controller cabling.

## 4

### System Configuration

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mojo3D  
configuration


1. On the main navigation screen, tap the settings button.



2. On the flyout menu, tap the Implement Setup button.



3. Tap  until the **Section Controller - Implement Mode** screen is displayed.
4. Tap AgroTronix Pulvix 8100, to select it as the section controller.
5. Tap Sprayer Mode, to select it as the implement mode; then tap  to continue.

6. Tap AgroTronix Pulvix 8100 as the Master Input Source and Single as the Input mode to configure the mojo3D to detect the Pulvix master switch on/off.
7. Tap  to continue to the **Section Control Setup** screen.
8. The mojo3D receives the number of sections that are configured from the Pulvix 8100 and displays them in this screen. It is possible to view the individual section widths but not adjust them from the mojo3D. If the display does not match the sections that the Pulvix is configured to use, check the cabling and re-enter this screen.



After connecting a new section control cable it is important that the following settings are checked:

- Latency on and off
- Section channels should be checked sequentially from left to right.


Refer to the Leica mojo3D user manual for instructions on configuring calculating and updating the latency values.

## 5

## Controller Configuration

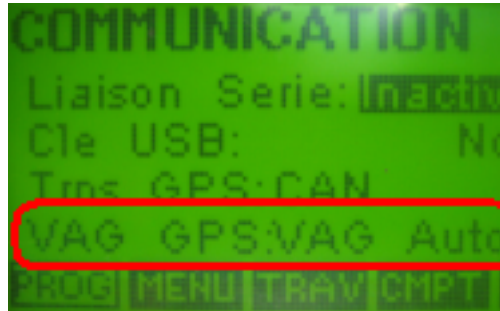
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### Pulvix 8x00 Spray Equipment Configuration

1. Press the  button to switch the power on.
2. Press the **PROG** button (far left of the 5 in the row of buttons below the display) to access the **RAMPE** (BOOM) screen. Follow the instructions in the manufacturer's User Manual to set up the boom sections.



3. Continue to press the **PROG** button to reach the COMMUNICATION Screen. Set the "VAG GPS" option to "VAG Auto".





4. Press the **TRAV** (en:WORK) button. The satellite icon should be visible in the display as shown to the right. This indicates that the Pulvix is ready to receive commands from the mojo3D.



Press the satellite button if this icon is not already displayed.



- 5.

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## 7

### Spraying with the Pulvix 8x00

#### Start Treating

1. Turn on the mojo3D and the Pulvix.
2. Once the mojo3D has a guidable position the system is ready to record spraying. The Pulvix remains the master for enabling the sprayer.
3. The mojo3D will then enable sections as required and can be used to override sections on and off.

## 8

### General Troubleshooting

#### Troubleshooting

##### **Problem**

The sprayer does not spray when treatment is enabled on the mojo3D.

One or more sections are not automatically controlled.

##### **Solution**

The Pulvix master switch must be active for spraying to occur. The mojo3D will then enable sections as required and can be used to override sections on and off.

Check the Pulvix section override is not active by using the left and right switches on the Pulvix to toggle the sections on and off.

Check that section overrides are not active on the mojo3D

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