

5209H ABS

**5209H Automatic Boom Switching
Installation & Setup Guide**

Introduction

The 5209H is a 9 section interface between Farmlap Boom Switching and the Hardi 5500 Spray controller. The 5209H allows Farmlap automatic boom switching to take control of up to 9 sections while the Hardi Controller maintains the target spray rate.

Please note, accumulated litres and area covered will not be displayed correctly on the 5500 Hardi Controller. This is due to Hardi 5500 section recognition being disabled when sections are turned on/off by Farmlap.

Note:

Area covered will be accumulated correctly on Farmlap.

Installation

Parts

Hardi 5209H

	Part #	Description	Qty
1	A-5209H	Hardi Boom switching POD	1
2	AC-114	2m power extension cable	1
3	AC-912	9 Pin data cable	1
4	AH-408	Universal hardware pack	1
5	AM-200	Farmscan 2 year warranty	1

Connections

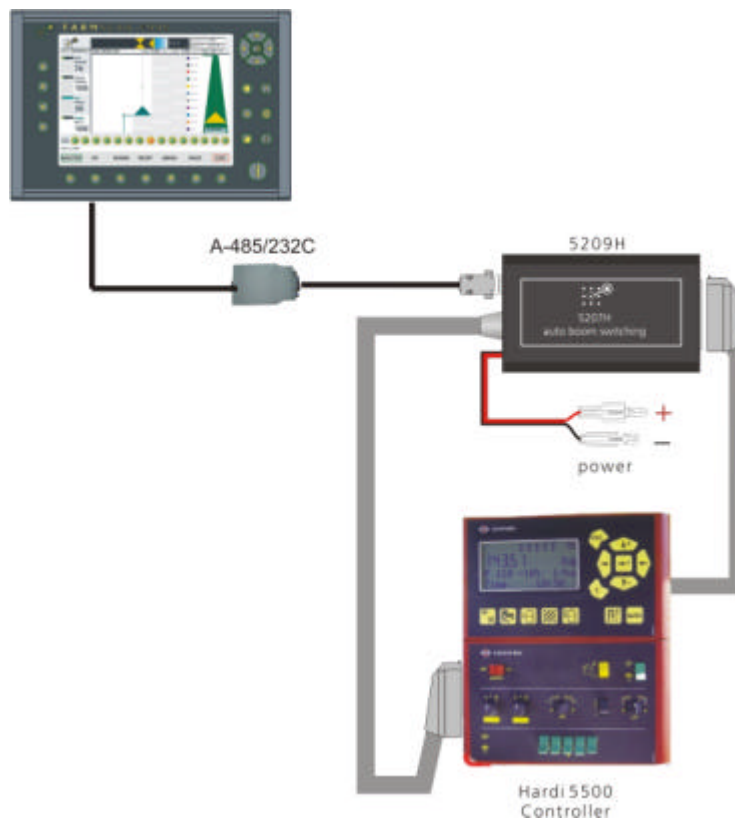
?? Connect your system using the diagrams on the following pages as a guide. Ensure you are following the correct diagram.

See the diagram on the next page.

Hardi 5500 Layout Diagram - 5209H



Hardi 5500 Layout Diagram - 5209H (With 4000RT Requires A-485/232C Converter)



GENERAL NOTES:

- ?? Tie down all loose cable away from potential damage.
- ?? See the back of this manual for loom wiring details.

Pod Mounting

1. Mount the POD in a suitable position in the cab.
2. Use the hardware in the universal hardware pack to secure the POD.

NOTES:

- ?? Never expose pod to liquid of any kind even spray.

Operation 5209H

General

The 5209H is designed to integrate Hardi 5500 spray controllers with Farmlap auto boom switching. Farmlap will control section switching and the Hardi 5500 spray controllers will control the work rate.

Work rates must be set in the 5500 Hardi spray controllers, not in Farmlap.

Spray controllers must be calibrated as if to work without Farmlap. Farmlap must then be setup to have the same flow sensor PPL calibration factor, section numbers and widths as set up in the controller.

To Go Spraying with Auto Boom

1. Make sure you have followed the Farmlap setup procedure (in the Farmlap manual) and the controller is fully calibrated.
2. Make sure power is connected to the 5209H and all connections have been made.
3. Start up Farmlap and have the spray controller and system ready to spray.
4. When using the Hardi 5500, section switches must be on.
5. Make sure "ABS" icon is green on the Farmlap operation screen.
6. Move forward and start spraying. Farmlap will start recording and calculating runlines.
7. Check in Farmlap that sections turn off when overlapping occurs. Sections will go red when off.

5209H Boom Switching Note

Accumulated litres and area covered will not be displayed correctly on the 5500 Hardi Controller. This is due to Hardi 5500 section recognition being disabled when sections are turned on/off by Farmlap.

Note:

Area covered will be accumulated correctly on Farmlap.

For any enquires regarding the performance of your system please contact:

Farmscan Service Centre
Phone +61 8 9470 1177
A/H you will be directed to a service staff member

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