

RCM Compatibility Issue with John Deere Gen 4 and 5 23-3 Display Bundle

To: Raven Dealers

From: Raven Customer Experience

Date: 5 March 2024

Subject: RCM-Universal and RCM-Sprayer not functioning with John Deere Gen 4 and 5 23-3 displays section control

Summary

With John Deere's release of the 23-3 software bundle for Gen 4 and Gen 5 displays, the ISOBUS compatibility for section control functionality with RCM-Sprayer and RCM-Universal has been broken. This is the result of a tightened compatibility restriction implemented on the Deere displays and may have impacts for any ISOBUS controller. It is expected that Deere will work to resolve this issue, but given the uncertainty of timing for resolution, Raven is offering a web-only software maintenance version of RCM-Sprayer v23.4.3.1 and RCM-Universal v23.4.3.1 as a workaround solution to enable section control compatibility with the Deere 23-3 display bundle. Prior versions of Deere display software are compatible and do not require the RCM maintenance build.



Figure 1 – Raven RCM (Rate Control Module)

Resolution

Customers are encouraged to follow up with their John Deere dealer on availability of section control software resolution for Deere Gen 4 or Gen 5 displays when paired with ISOBUS controllers.

For the interim, customers have the option of using RCM maintenance software v23.4.3.1 as a workaround. Please visit <https://portal.ravenprecision.com/ProductDocumentation/> for availability. Please note that any expenses incurred for Raven dealer support for installation of this update are the responsibility of the customer.

Customer Impacts

Customers using RCM will not have section control capabilities through the John Deere Gen 4 and Gen 5 displays until a software update is applied to either display (once available) or controller. Refer to Figure 2 for screen capture showing no compatible implements detected.

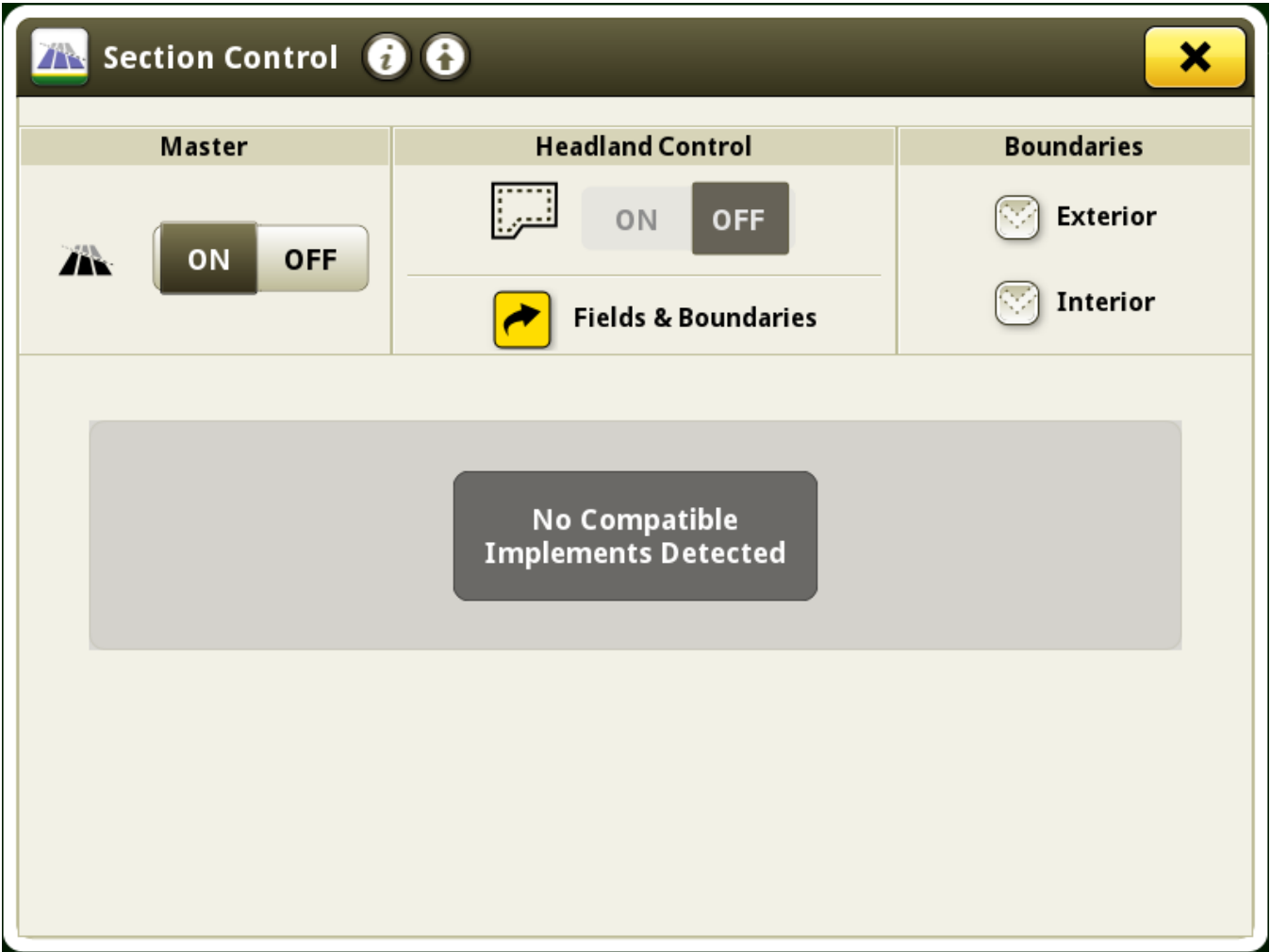


Figure 2 – John Deere Section Control Information page displaying “No Compatible Implements Detected” which means that RCM is not linked.