

HARVEST TEC, INC 700 Series System Krone Integration Bulletin	PROC. Number:	INT-K-2	REV. :	2
	AUTHOR:	R. Johnson	DATE:	10/3/2023
	APPROVED:		DATE:	

Subject: Harvest Tec 700 Series Integration with Krone Big Pack Balers

Overview

Harvest Tec 700 Series Applicators are capable of displaying the Harvest Tec working screen alongside the Krone baler working screen in a split-screen configuration on the Krone CCI1200 Virtual Terminal. This option is only available for Krone MY2018 balers after SN976909. It is Harvest Tec’s recommendation that the Harvest Tec and Baler operating screens be configured in the split-screen configuration to allow for constant monitoring of both baler operation as well as all critical Harvest Tec system functions, such as moisture, application and bale information.

Capable Balers

All 2018 Krone balers (starting with SN 976909). If unsure, balers with a software version structured similar to the screen shot below will be capable:

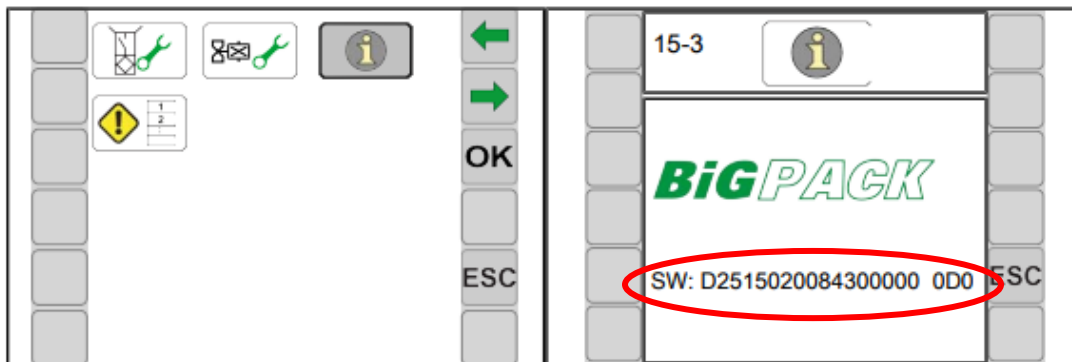
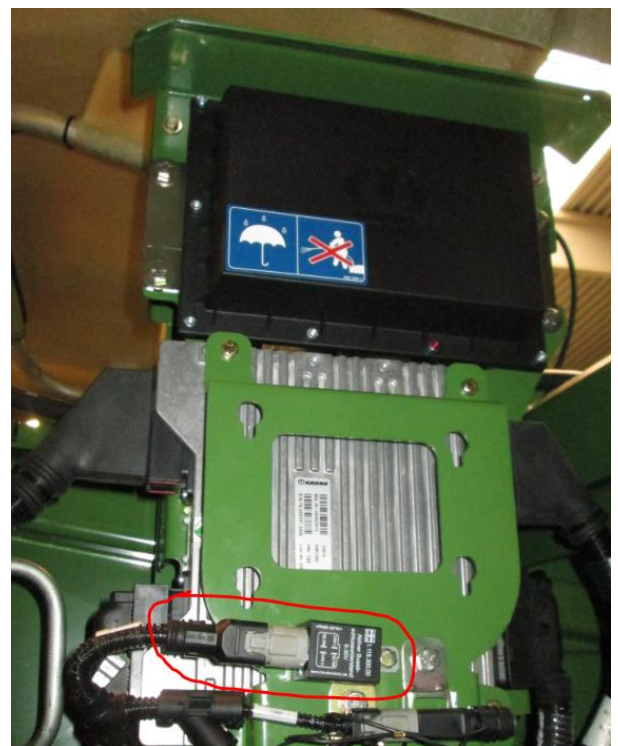


Figure 1. Software version example on new baler ECU

Non Gen 5 Balers

- If the above information is confirmed, the following are required to integrate with the baler and display on the CCI1200 in split screen mode:
 - Integration Harness – 006-765VAK
 - **ICM Version 126** or later, & **OP version 70230** or later

Locate the baler ECU on the front left corner of the baler. Disconnect the 4 pin Deutsch connector at X100.2 (shown circled in picture on right) where it connects to the terminator. Install the split end of the integration harness in between X100.2 and the terminator. Route the integration harness to the right side of the baler and locate the 4-Pin Deutsch CAN port (located 48 inches behind the breakout connectors for the EOR/solenoids) on the 700 Series Baler Harness (006-765B2). Remove the protective cap from the CAN port and connect the integration harness.



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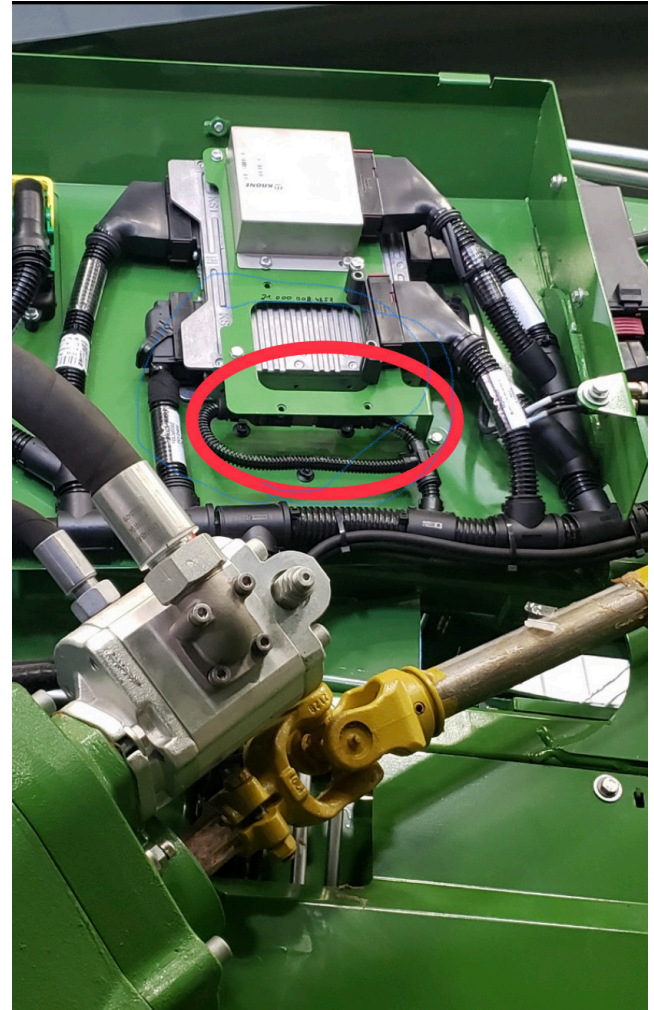
Gen 5 Balers

If your baler is compatible with the information listed in prior page, the following are required to integrate with the baler and display on the CCI1200 in split screen mode:

- Integration Harness – 006-765VAK and (6 pin plug kit)
- ICM Version 126 or later, & OP version 70230 or later

First locate the harness 006-765VAK. The plugs will need to be switched on the harness. This is the end that has two plugs on it. Replace one plug at a time. Remove the colored TPA in the center of the plug. (Usually a bent paper clip does the trick). Using a screw driver, pry the latches to the middle of the plug and slide the terminal out the back side of the plug. It should remove easily, if not, the latches in the middle are holding it in place yet. Locate the similar style of plug with the six pin configuration. Place the Yellow wire into port 3 and the Green wire into port 4. Push wires in until you hear a click. Lastly place the TPA into the center of the plug to secure pins or sockets in place. Repeat for second plug.

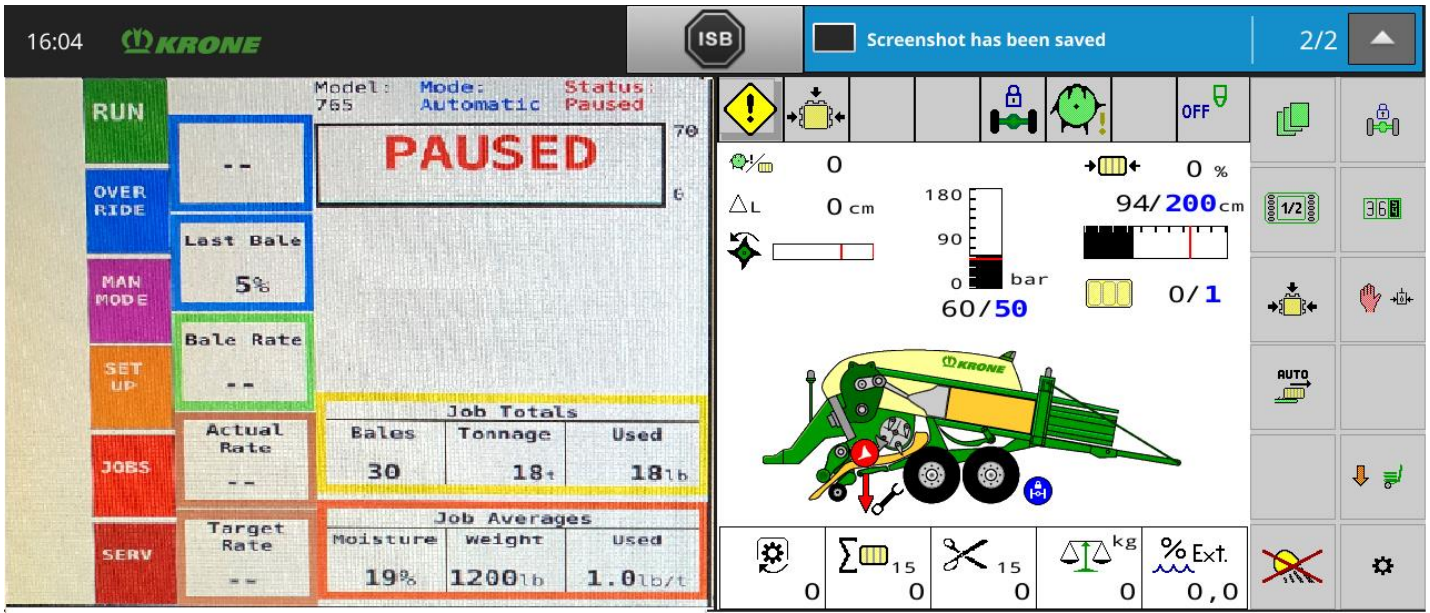
Locate the baler ECU. Disconnect the 6 pin Deutsch connector shown in the picture circled in red. Attached updated 006-765VAK harness with new plugs into the wire harness. Route the integration harness to the right side of the baler and locate the 4-Pin Deutsch CAN port (located 48 inches behind the breakout connector for the EOR/solenoids) on the 700 Series Baler Harness (765B2). Remove the protective cap from the CAN port and connect the integration harness.



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Display Setup

After the integration harness is connected, and the system is powered on, you should see a status bar as the ISO display loads the Harvest Tec display information. After loading, the Harvest Tec operation screen will be visible on the terminal. (as pictured below). For information on how to configure the CCI200, please reference the manufacturer’s operation manual.



If you have any questions regarding compatibility, please contact your local dealer, or Harvest Tec at 1-800-635-7468.

Revision	Changes	Date
1	Initial Release	2/16/21
2	Added Gen 5 Info	10/3/23