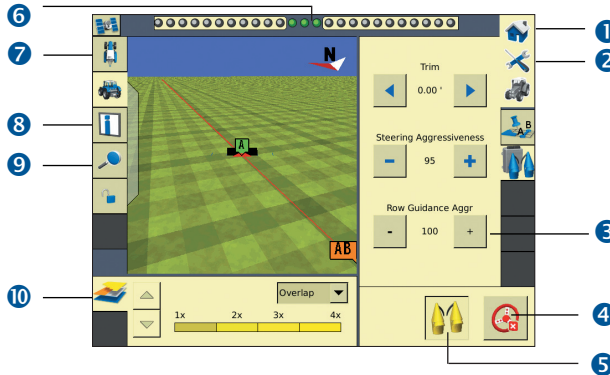


RUN SCREEN

When the RG-100 row guidance plugin has been activated on the FmX® integrated display, the Autopilot™ automated steering system will follow curved or hillside corn rows that do not exactly match the AB line. The Autopilot system is required.



Item	Description
1	Home Tap to close a field and return to the start window.
2	Setup and configuration Tap to change some setup and display options when the field is open.
3	Row guidance aggressiveness Changes how reactive the steering system is to row sensor inputs. Use lower values for straight line operation; higher values for curve operations.
4	Engage panel Contains the engage controls for plug-ins such as the Autopilot™ automated steering system, TrueTracker™ implement steering, and the FieldLevel II automated levelling system. You can also control for coverage logging.
5	Row guidance button Turns row guidance sensors on and off and shows the status (see Page 3).
6	Offline guidance display When the vehicle is online, the center indicators are green. When the vehicle moves offline, the indicators change to red and move to either side, depending on the direction to the line.
7	Vehicle view Tap to toggle between overhead and trailing views.
8	Information dialog Tap to display a larger amount of permanent text for operations relating to the display while viewing the Run dialog in the upper right-hand corner.
9	Zoom and Pan Tap to show zoom and pan function buttons. To zoom in and out, tap the magnifying glass; to pan in any direction, tap the arrow buttons. You can also tap the main map window to adjust the zoom level.
10	Coverage theme Displays the coverage and variety tracking settings. Height, coverage/overlap, variety, and GPS quality can be shown.

The FmX integrated display has built-in, context-sensitive Help that lets you quickly find information you need about the current screen. To access the Help from any configuration screen, tap **?**. When you are finished with the screen, tap **OK**.

CONFIGURING THE RG-100 PLUGIN ON THE FMX DISPLAY


Setting up the implement

Before setting up the RG-100 plugin on the display, ensure that:

- All cables and components of the system are installed on the vehicle.
- The Autopilot system has been installed and configured.
- When setting up the Autopilot plugin for use with the RG-100 system, ensure that a vehicle profile that ends in *RY* is selected in the *Vehicle Controller Setup* screen. Only supported vehicle databases (VDBs) allow you to set up the RG-100 plugin.

Note: Version 3.8 of the Autopilot external vehicle profiles must be loaded on the display.

- The Row Guidance plugin has been added to the FmX display configuration.

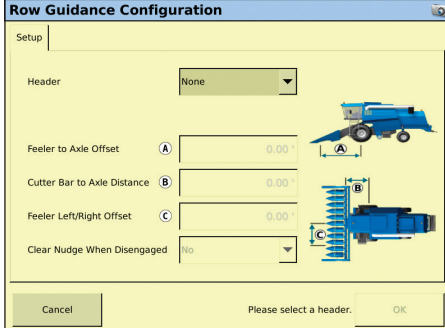
1. On the Home screen, tap .
2. In the *Configuration Selection* screen, tap the Edit button next to Implement.
3. In the *Configuration* screen tap **Add/Remove** to add the plugin to the configuration.

Setting up the plugin

Note: The Row Guidance does not work when using pivot patterns.

In the *Configuration* screen, select the Row Guidance plugin and then tap **Setup**. The *Row Guidance Configuration* screen appears. Verify that the measurements are accurate for your vehicle. Measurements can differ due to vehicle variations. Measure distances with the header at the approximate operation height. Inaccurate measurements will result in a degraded performance.

When operating the vehicle without the row guidance supported header, remove the Row Guidance plugin to avoid *No Sensor* faults.



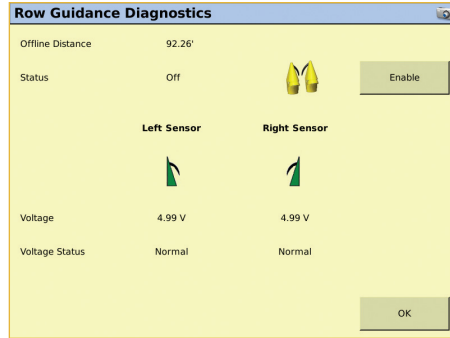
Setting	Description
Header	Select the type of head on the combine. This is machine specific.
Feeler to Axle Offset	Enter the distance from the pivot point of the feeler to the front axle. This measurement must be accurate to within an inch, otherwise the performance will be degraded.
Cutter Bar to Axle Distance	Enter the distance from the front of the cutter bar or point where the crop enters the snapper rollers to the center of the front axle. This measurement must be accurate, otherwise the performance will be degraded.
Feeler Left/Right Offset	Enter the distance from the center of the gap between the two feelers to the centerline of the vehicle. A left offset appears as a negative number. A right offset appears as a positive number.
Clear Nudge When Disengaged	Select Yes to clear the AutoPilot nudges when the system is disengaged. Select No to keep the AutoPilot nudges when the system is disengaged.

DIAGNOSTICS





The Row Guidance Diagnostics screen displays the following:

- Offline Distance Sensor status
- Sensor voltage
- Voltage status

You can also enable and disable sensors in this screen.



Status indicators


Setting	Description
	Sensors off
	Sensors on but not active
	Sensors on and active
	Error with sensors

Row Guidance can be operated with straight AB lines, curves, and freeform patterns:

- AB lines operate as normal. Use either A-B or A+ heading.
- Freeform can be used so that, once recording and in corn, the row guidance sensors drive the first pass. From then on, the guidance system uses the previous recorded pass but augments it with sensor input.

OPERATION

- When using Curves and operating on a substantial curve, row guidance aggressiveness may need to be increased for performance.

To turn row guidance sensors on and off while the Autopilot system is engaged, tap .

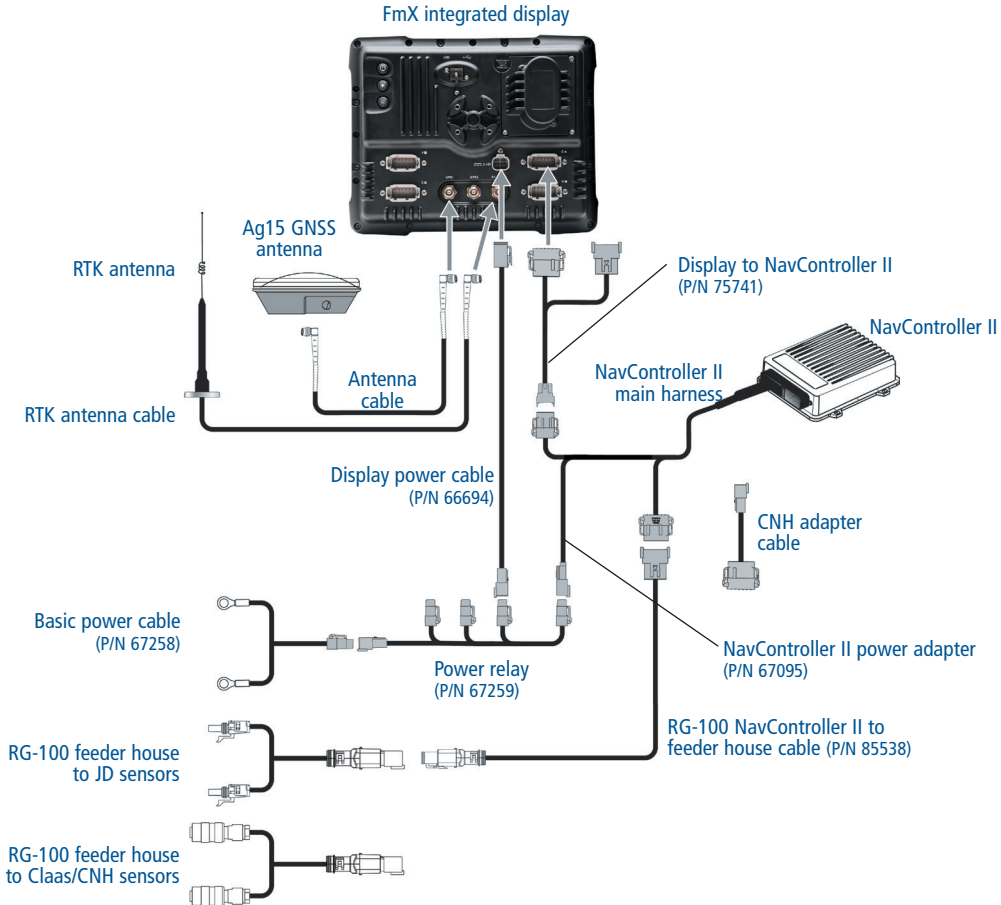
The guidance system will now function as a traditional Autopilot system.

Note: Row sensors override the set Autopilot guidance line. When turning around in headlands with the sensor turned on, random strikes on stubble cause the system to veer off the set Autopilot guidance line. It is recommended to travel through the headlands with Autopilot only to guide to the proper row. Once the unharvested crop is entered, turn on the row sensors.

TIP: When operating in crop that was planted manually or using WAAS guidance, and that is being harvested using WAAS guidance, satellite drift and/or operator guidance can lead to misalignment of the guidance line with the crop. Depending on conditions, it may be necessary to shift or skip the guidance line to coordinate with the crop and guidance line. This will be evident when the sensors guide down the proper row with offline distance is shown to be 0, but the selected guidance line is not centered on the current swath on the display.

CONNECTING THE SYSTEM

Once the Row Guidance plugin has been installed, add the FmX integrated display as shown:



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