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John Deere 4640 Display with StarFire Receiver

Overview

In order for the 2020 Monitor to receive GPS data from a third party receiver, the receiver, or display controlling it, must have NMEA Strings and Baud Rate configured for output. The basic requirements for the 2020 monitor are:

NMEA Strings: Set at **5 hz**.

- GGA: Time, position, and fix type data
- RMC: Time, date, position, course, and speed data
- VTG: Course and speed information relative to the ground.

Baud Rate: 19200, 38400, or 115200

Adapter Harness Needed: 727124 StarFire GPS harness (from Precision Planting)

Step 1:

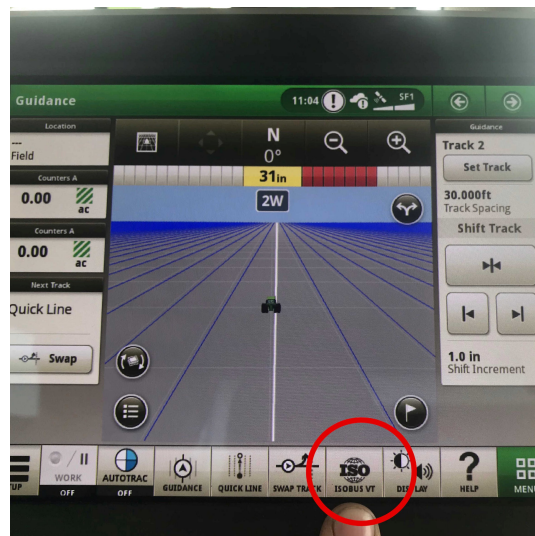
Connect the 2020 to StarFire Globe

Connect the 727124 harness to the StarFire receiver outside the cab. It should T in to the current Deere harness, allowing both the 4640 and 2020 monitors to receive data.

Display Configuration

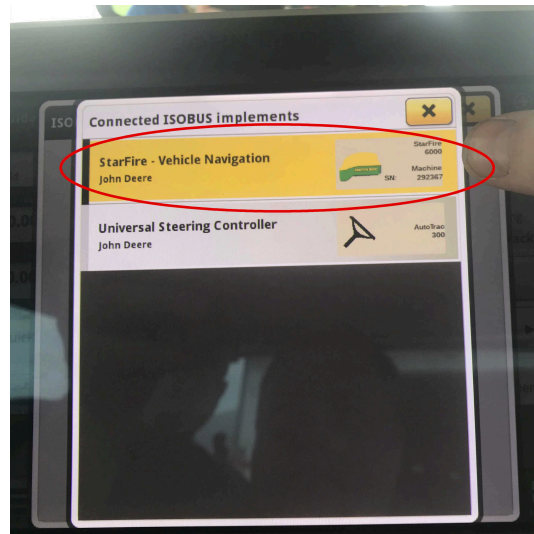
Step 2:

Select ISOBUS VT at the bottom of the display.



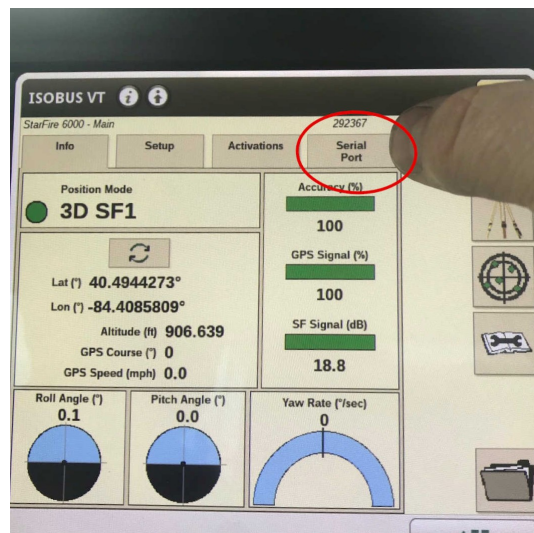
Step 3:

Select StarFire receiver option.



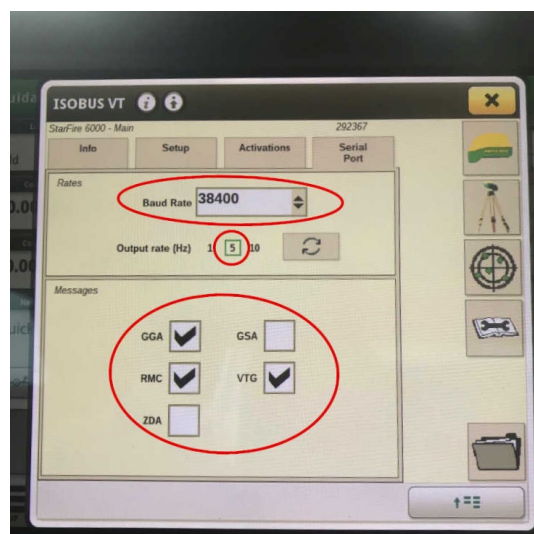
Step 4:

Select Serial Port tab.



Step 5:

Configure Baud Rate to 38400, HZ output to 5, and enable GGA, RMC, and VTC messages.



Setup is complete. Reacquire GPS data in 2020 if necessary.