

20|20

Massey Ferguson Datatronic 5 GPS Setup

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 or 38400

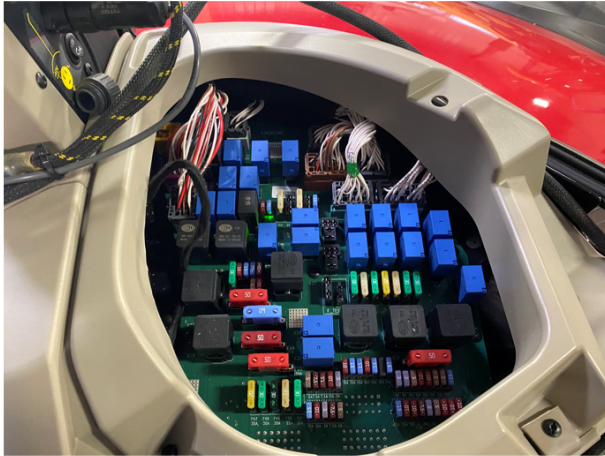
Adapter Harness Needed: 725599 Universal Adapter Harness (from Precision Planting)

Connect the 2020 into the X343 GPS output connector

Step 1:

There are two options to tie into the Massey X343 GPS connector using the Null Modem on the 725599 adapter:

- a: Option 1: Tie into the X343 connector located in the main fuse panel. The harness will either need to be routed through the top of the fuse panel, or a hole can be drilled in the adjacent compartment and routed through there



- b: Option 2: The same connection can be found under the right-hand fender arch cover. Remove that cover and tie into the X343 connection



Display Configuration

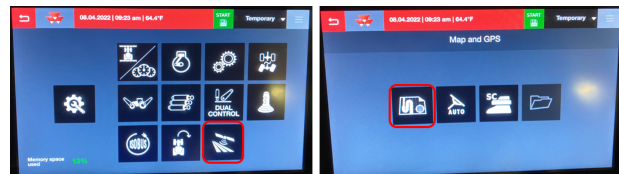
Step 1:

Select the Menu button at the top—right of the screen



Step 2:

Select the Satellite icon, followed by the GPS setup icon



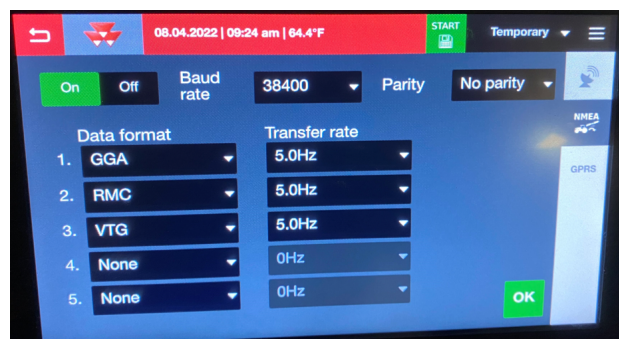
Step 3:

Select the icon in the lower left of the display to open the NMEA output settings



Step 4:

Select the “NMEA” tab on the right to open the NMEA output settings. Set the slider to the “On” position and set Parity to “No Parity”. The recommended Baud Rate is 38,400 and set GGA, RMC, and VTG to 5Hz. Then select “Ok”



Step 5:

Setup is complete. Reacquire GPS data on the 20/20 if necessary