Configuring NAV II NMEA Outputs on Case IH Pro 700 (Pro 600 v.26 or higher)
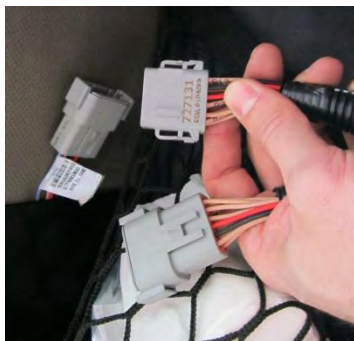
Step 1: Locate the NAV II controller box inside the access panel behind the seat. Remove all four wing nuts.
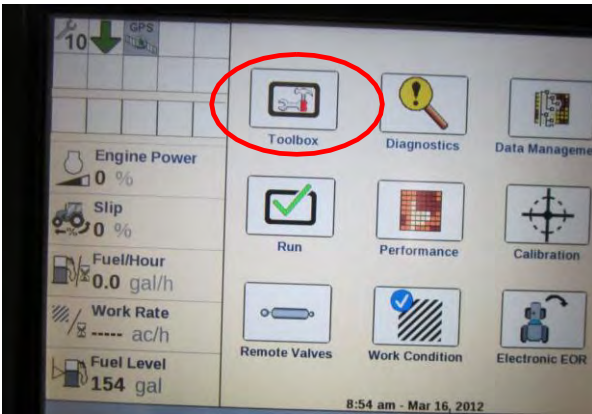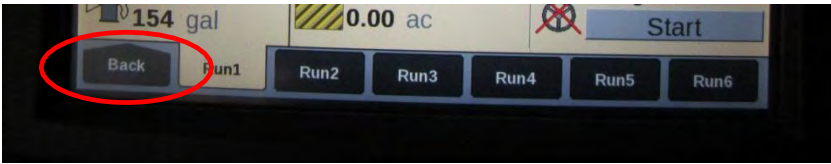

Step 2: Slide the NAV II box off of the threaded studs to expose the connectors on its right side. There is a 12-pin Deutsch plug labeled "Controller Diagnostics."
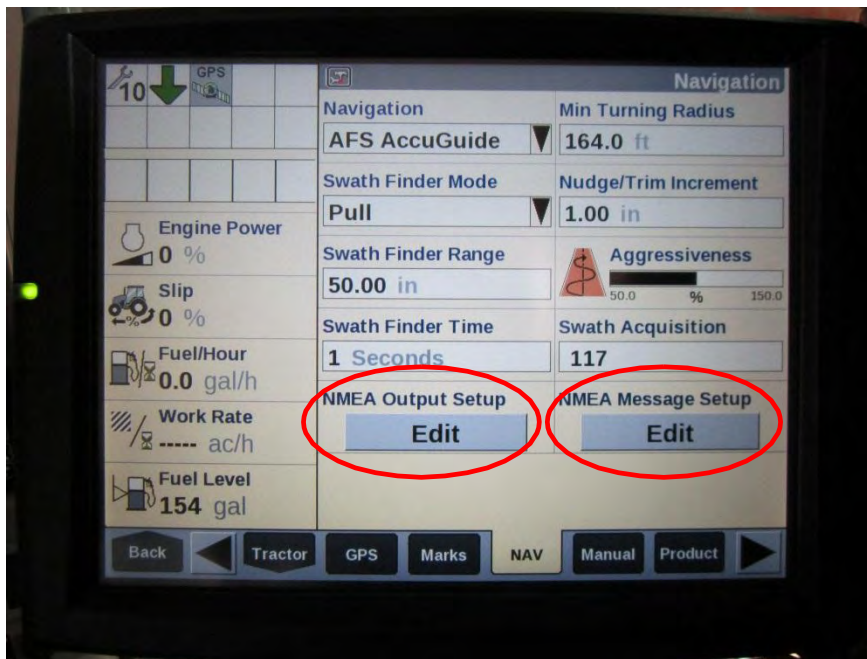

Step 3: Connect the 12-pin Deutsch connector on the AE3380 CIH/Trimble GPS Adapter to the 12-pin Deutsch "Controller Diagnostics". Connect the DB9 to the "**RS232**" port on the GS2/3 tractor harness.

Step 4: Using the Run screen on the Pro 700, navigate to the menu by touching "Back". Touch the "Toolbox" button.

Step 5: Navigate to the NAV tab across the bottom. Arrow over if needed. You will use the NMEA Output Setup and NMEA Message Setup buttons for configuration.

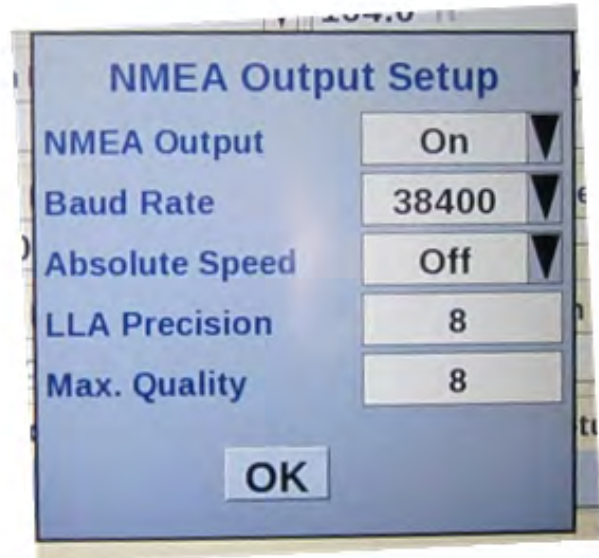Step 6: Begin configuration with the NMEA Output Setup. Touch the arrow down to select the following:

NMEA Output- On

Baud Rate- 19,200
LLA Precision - 6
Max. Quality - 6

Click "OK" when finished.

Step 7: Continue configuration with the NMEA Message Setup and press the edit button under the label. Select the following output intervals:

GGA-200 *ms*
GSA-200*ms*
RMC-200 *ms*

Note: The Pro 700 requires millisecond (*ms*) values as opposed to the more commonly used hertz (Hz) values. 200ms = 5Hz

 Click "OK" when finished.

The NAV II controller should now be configured to output GPS to the JD GS2/GS3 system.