## 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 nutes.



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."



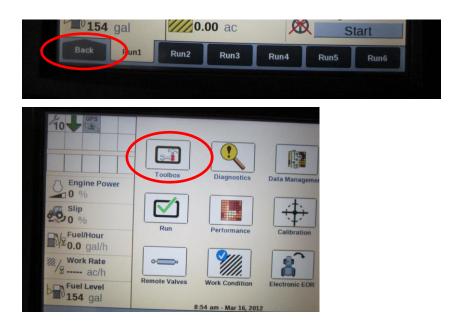


Step 3: Connect the 12-pin Deutch connector on the 727131 Trimble GPS Adapter to the 12-pin Deutch "Controller Diagnostics". Connect the 4-pin AMP "**GPS Port 1&2**" to the "**GPS**" port on the SeedSense tractor harness.





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.

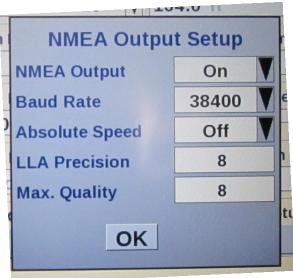
To CPS To CPS Engine Power 0 % Slip 0 %		Navigation
	Navigation	Min Turning Radius
	AFS AccuGuide	164.0 ft
	Swath Finder Mode	Nudge/Trim Increment
	Pull	<b>1.00 in</b>
	Swath Finder Range	Aggressiveness
	50.00 in	50.0 % 150.0
	Swath Finder Time	Swath Acquisition
Fuel/Hour	1 Seconds	117
<b>■</b> \/ <b>×</b> 0.0 gal/h	NMEA Output Setup	NMEA Message Setup
Work Rate	Edit	Edit
Fuel Level 154 gal		
Back Tract	or GPS Marks NA	Manual Product

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

NMEA Output- On

Baud Rate- 19,200 or 38,400

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* 

RMC-200 *ms* 

VTG-200 *ms* 



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

Click "OK" when finished.

The NAV II controller should now be configured to output GPS to the 20/20 system.