



AgLeader: Integra (ParaDyme System)

AgLeader Harness: 4002226-15 is required to complete installation

Installation & Configuration Guide for Harness 725599:

Summary: In order for 20/20 SeedSense Monitor to receive NMEA strings from a third party GPS receiver, there are a few simple steps that must be completed before signal will be transferred. Below are step by step instructions detailing configurations and requirements for communicating with our 20/20 SeedSense Monitor. Here are a few basic requirements for the 20/20 SeedSense Monitor.



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

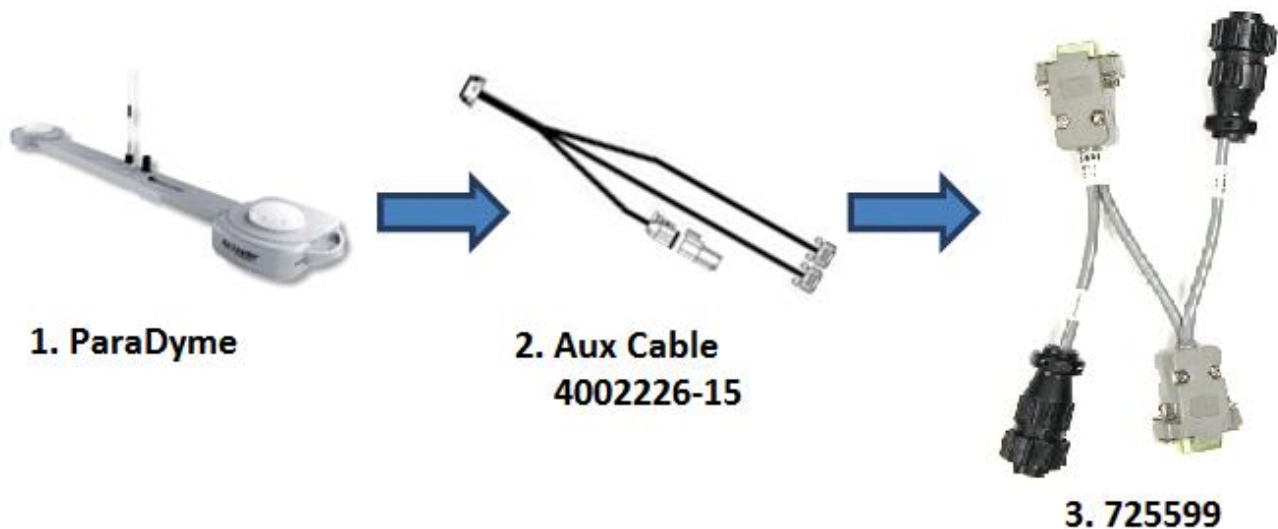
Precision Planting Harnesses Available for communication from AgLeader Integra to 20/20 SeedSense Monitor

Precision Planting Harness: 725599



Plug the 4 pin labeled GPS into the Precision Planting Universal Tractor Harness 725499 (Connecting to Display Unit) at the 4 pin labeled GPS.

Harness installation:



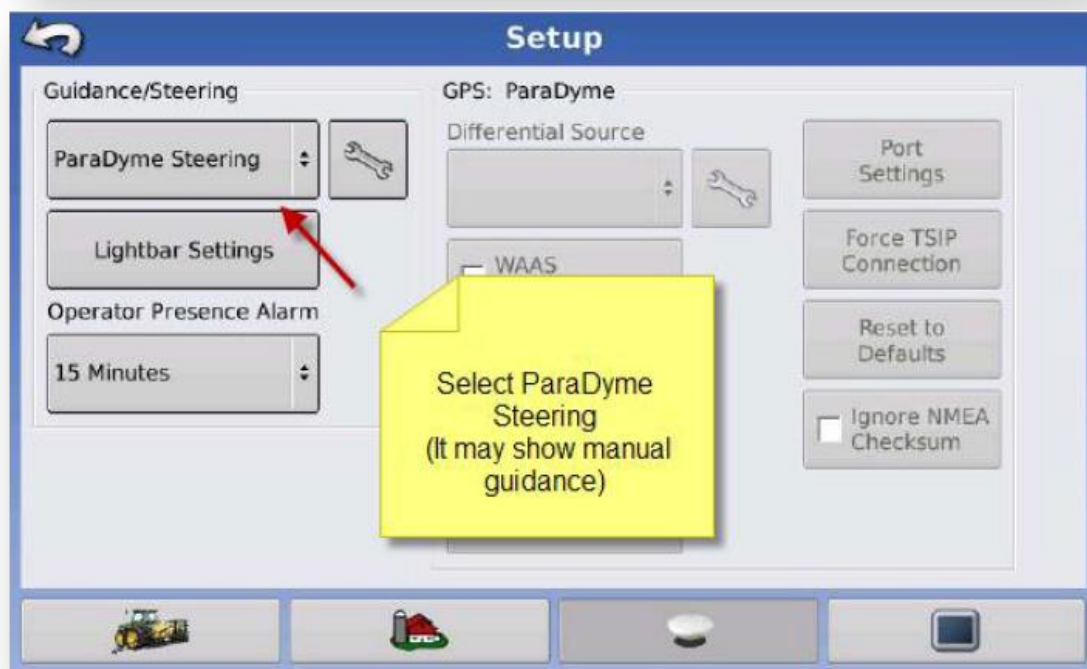
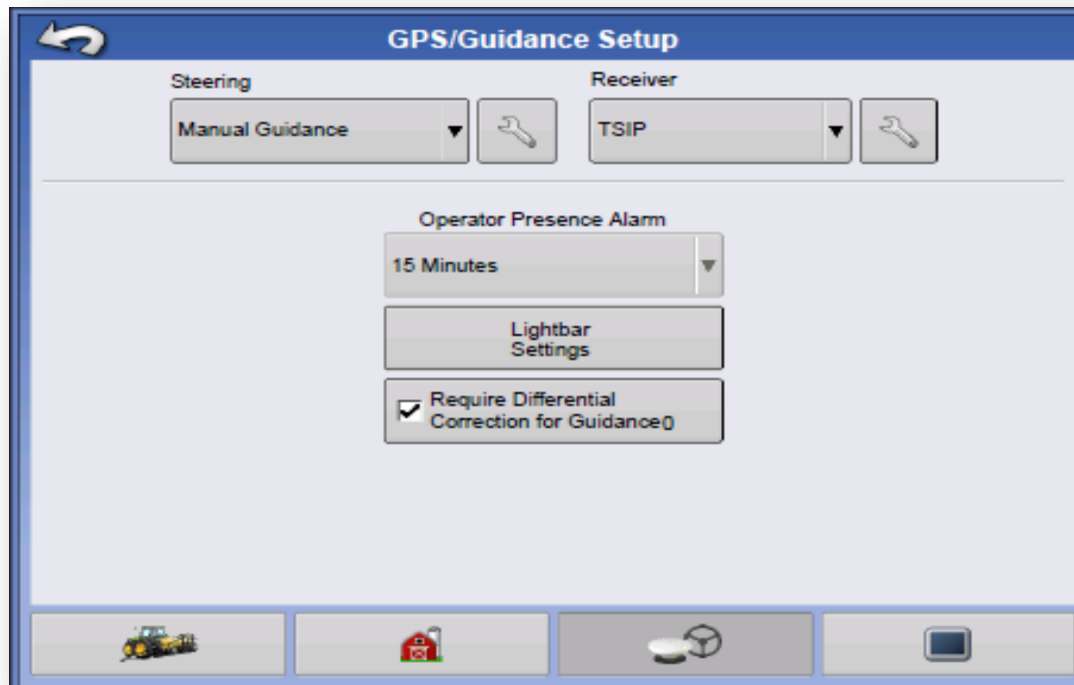
Next we will look at visual images giving instructions to output NMEA messages from the AgLeader Integra:

Step 1: From the home screen we will press the wrench button to take us to the setup screen.

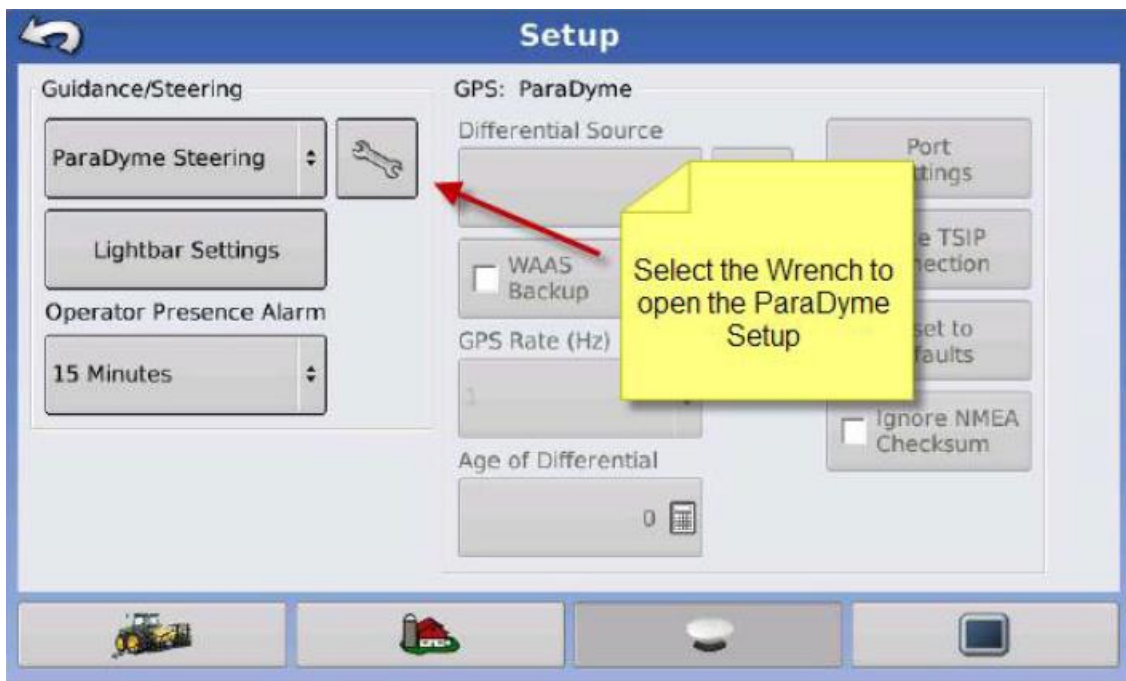


Step 2: Press: Home button > Setup (wrench) button > GPS button

You will need to change Guidance/Steering to ParaDyme Steering



Step 3:



Step 4: Autosteer Setup: Select GPS- NMEA out

NMEA Messages:

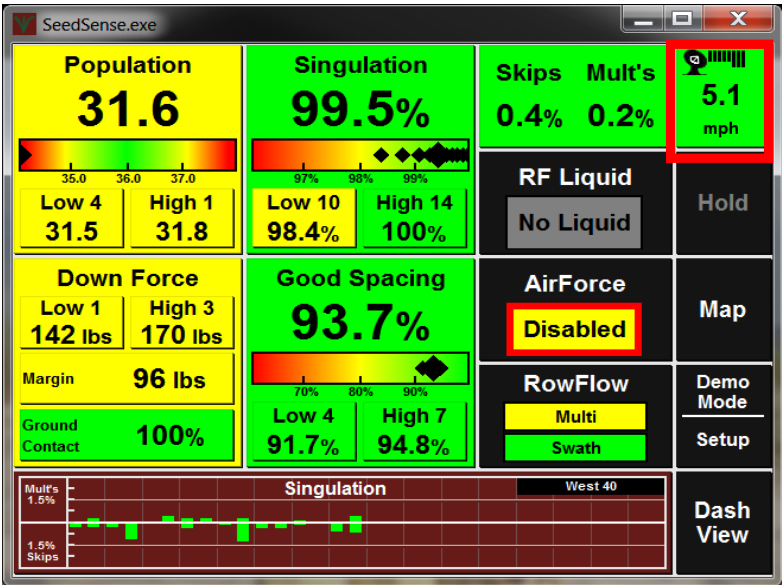
- GGA
- VTG
- RMC

Output Baud Rate:

- 19200
- 38400
- 115200

To verify GPS communications we will need to go to the 20/20 SeedSense Display Unit.

From the home screen press the SPEED/GPS button



Press REACQUIRE GPS:

Then Verify Communication Quality and NMEA Messages are set to 5Hz.

