
Initial Program Set Up

Setting GPS Receiver Output Data

1

Before starting SD Drain the GPS receiver being used must be set to output specific parameters. The next few pages show how to set parameter outputs for different GPS receiver brands.

GPS Settings that need to be set before connecting to SD Drain:

Baud Rate

Set at 57600 or 38400 (57600 is preferred)

NEMA Strings 3 Required

GGA — 10Hz or 5Hz (only use 5Hz if 10Hz is unavailable)

GSA — 1Hz

RMC or VTG (RMC is preferred) - 1Hz

John Deere 3000/ITC settings for SD Drain

Plug the 3000 or ITC Globe to a John Deere screen 2630, 2600, 1800, command center, or Brown Box.

Go to the Globe settings on the Globe

Change the Baud Rate to **57600** (38400 for ITC)

Set the HZ to **10** (5 for ITC)

Turn GGA, GSA & RMC “**ON**” (Make Sure ALL the rest are **OFF**)

Turn TCM (Tilt Control Module) **OFF**

Go back to home page and confirm the globe is getting RTK GPS. (Change tower network ID's if you need too)

Verify RTK GPS before powering down.

Power the John Deere screen completely off.

Connect Globe to SD Drain Cables and turn machine on.