Greenstar II or III to Topcon X30 connections and settings.

(with a Starfire ITC receiver)

- the following pages show the connections and settings to allow the X30 to use the GPS signal from the Greenstar II or III.

- GPS signal is needed for Speed for Seeder, Variable Rate Control, Section Control and Guidance.
HOW TO INSTALL JOHN DEERE GPS RECEIVER HARNESS TO 3rd PARTY CONTROLLER FOR GPS SIGNAL.

PARTS THAT ARE REQUIRED.
- PF80754 John Deere harness
- A serial Null modem or a mini gender changer
Remove the John Deere factory plug here.
John Deere cable to connect to the X30 main harness

John Deere part # PF80754
FOLLOW THE STEPS ON THE FOLLOWING PAGES TO SETUP THE DISPLAY BAUD RATE TO 38400 AND 10Hz ON BOTH THE RECEIVER SETTINGS AND THE X30 SETTINGS
Power up the Greenstar II or III
Press here.
Baud Rate
38400
Output rate
10 Hz
The following will help you connect the Speed and GPS cable PF 80754 to the X30 main harness. There are two different ways to bring the signal into the X30 console.

You will need either a null modem or a gender changer depending which way the signal is brought in.
Com 2

You need the null modem. Supplied with the X30 monitor kit.
You will need the mini gender changer that is supplied with the X30 monitor kit.
GPS Receiver Selection

- Set to other
- Set to match the Greenstar
GPS Output Com needs to be selected different than the Receiver com.

Set to match the way the signal is being brought in.
- Com 1 with the gender changer
- Com 2 with the null modem