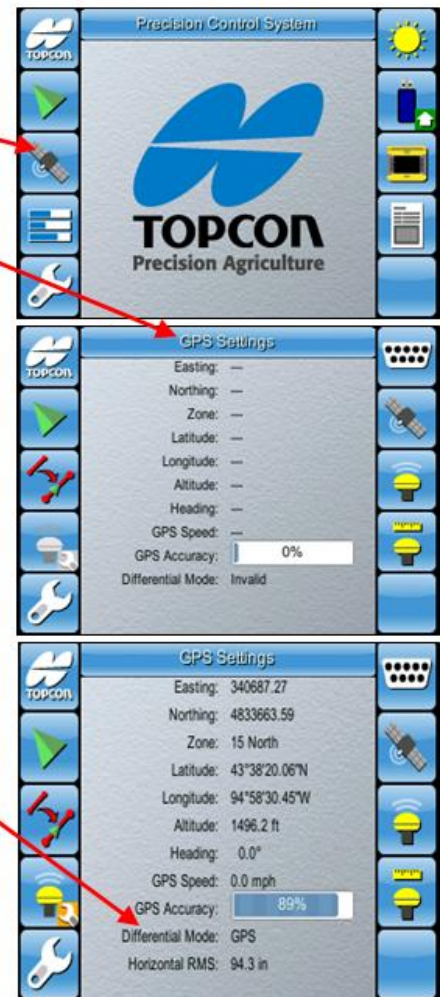


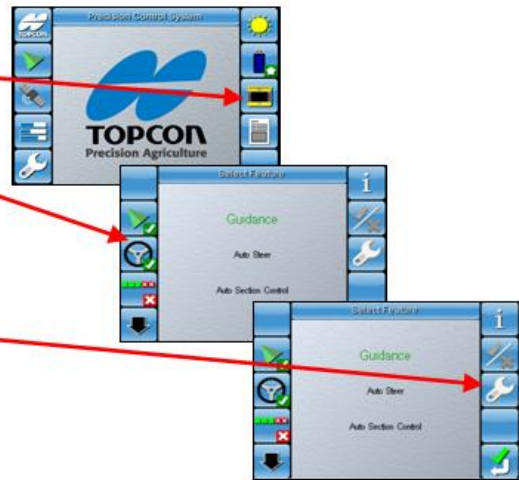
How to check the System 150 for GNSS correction status.

- Go to GNSS screen on the GX-45.
- If there are no readings in the GNSS (GPS) Settings screen, no GNSS signal is being received.
- If you still do not have GNSS correction, see page 8.
- If there are readings in the GNSS (GPS) Settings screen, then wait for Differential Mode to show the correction type.
 - This display will show:
 - Invalid
 - GPS Fix
 - DGPS Fix
 - PPS Fix
 - RTK
 - Float RTK
 - Estimated
 - Manual Input
 - SBAS
- If readings are showing, but still do not have a steering solution, refer to page 4.



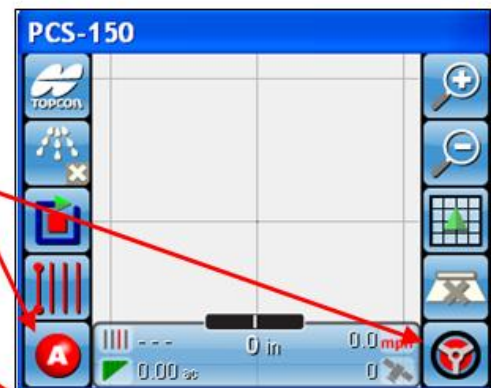
The steering system has acquired differential correction, but still has no steering solution.

- Go to the Console Features screen on the GX-45.
- Press the Auto Steer button. Ensure that the words Auto Steer are bold and that there is a check mark on the steering wheel icon
 - More on enabling the Auto-Steering functionality, please refer to the Op Manual.
- Press the wrench icon to enter the terminal maintenance screen.
- For any screen that requires an access code, the access code is 1234.
- Check for steering profile. If no profile is listed, refer to Op Manual > Setting Steering Profile
 - If the correct steering profile is displayed and the calibration status shows that it is calibrated, refer to page 5.
- Check display for the proper valve on the unit.
 - If Detecting Controller is shown in the display, refer to page 8.
- Check Calibration Status. If any one of the three calibration status displays “Not Calibrated,” refer to Op Manual for calibration procedures.



The Steering Profile is correct, the system has Differential GNSS and the system shows that it is calibrated, but still have no steering solution.

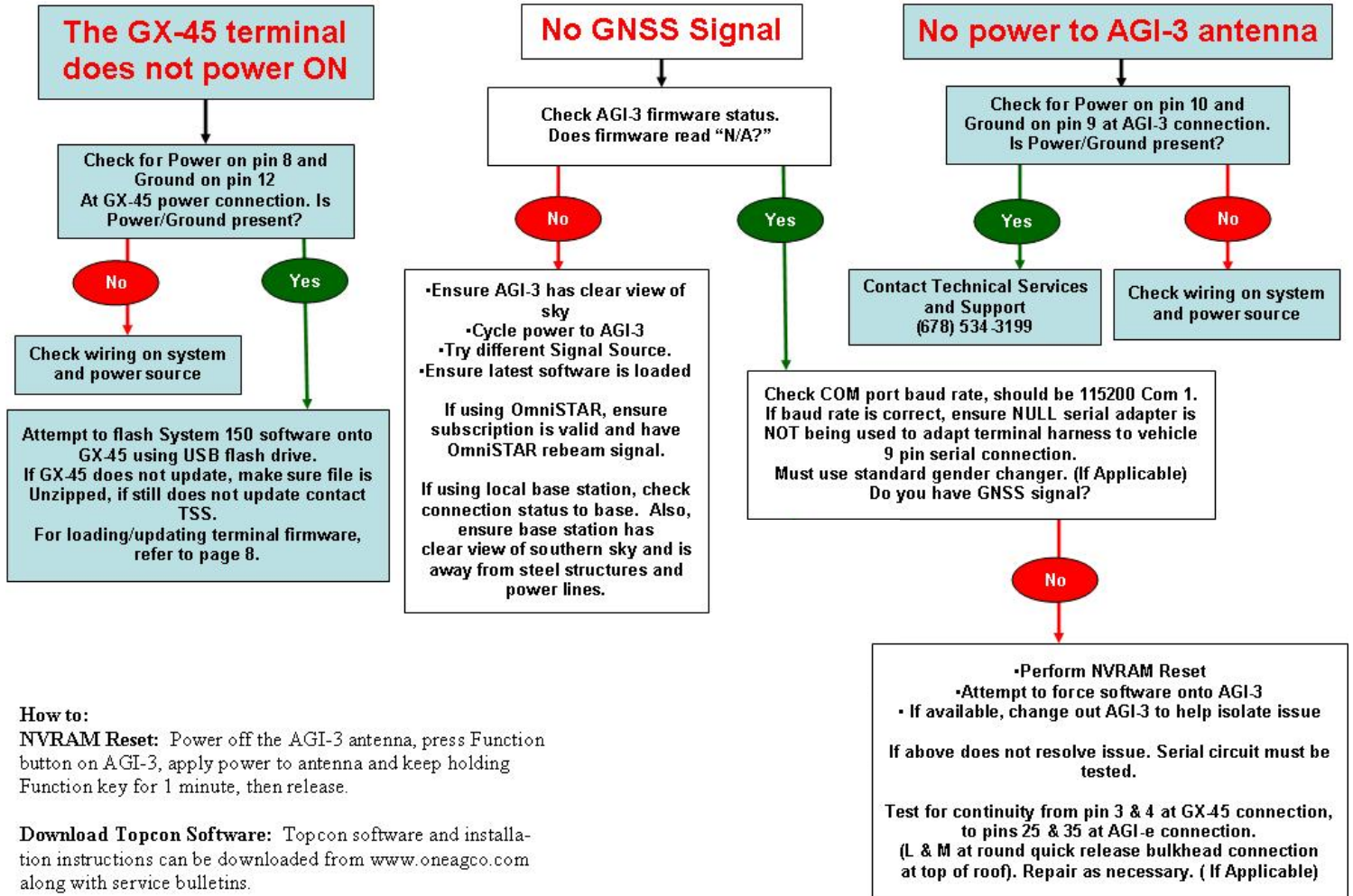
- Go to the Main Steering screen.
- Set up a Straight A-B Line
 - The system will allow the setting an A point and B point with potential errors in the system. However, it will not enable the system to engage in automatic steering.
- Once the wayline has been established, look at the Steering Engagement button to look at its color. The color of this icon will indicate the system's readiness for engagement.
- If the Steering Engagement icon is red when the engagement button is pushed, the Steering Status screen will appear.
- The Steering Status screen will show a green bar for all portions of the system that are ready for operation.
- The Steering Status screen will show a red bar for any portion of the system that is not ready for operation.
- This screen is a key point of reference if the system will not engage.
- For a detailed listing of errors, refer to page 6.



Steering Status Screen
If any one of these status bars is red, the System 150 will not engage.

- If the steering engagement button is red and the operator presses that button, the Steering Status screen will appear. The following messages will indicate any issues with the system.
 - Receiver Hardware—Check power supply
 - Steering Controller—Check power supply to AGI-3
 - Vehicle Setup—Check for vehicle profile
 - Steering Profile—Check for vehicle profile
 - Steering Calibrated—Check for system calibration
 - Steering Wheel—Turn steering wheel side to side 1/4 turn.
 - Position Accuracy—Check for Differential GNSS signal convergence on the GPS screen.
 - Differential Correction—Check for Differential GNSS signal.
 - Wayline Available—No wayline has been created.
 - Speed—Minimum speed requirement has not been met (0.67 mph) or the maximum speed has been exceeded (16 mph due to the Speed Steer valve).
 - Crosstrack Error—Not close enough to the next line for acquisition.
 - Heading Error—Angle to line is too sharp.
- If all system bars are green, system should engage. If the system does not engage, call Dealer Technical Services and Support (678) 534-3199.





How to:

NVRAM Reset: Power off the AGI-3 antenna, press Function button on AGI-3, apply power to antenna and keep holding Function key for 1 minute, then release.

Download Topcon Software: Topcon software and installation instructions can be downloaded from www.oneagco.com along with service bulletins.

Force Software Flash to AGI-3: Go to GNSS Settings and select AGI-3 update button (antenna with wrench). Proceed with update. A screen with USB and GX-45 console, showing arrows will appear. At this time, cycle the power to the AGI-3 within 30 seconds. This will attempt to recapture the AGI-3.

Access Code: 1234

“Detecting Controller” in Auto-Steering setup screen

