

31 August 2004

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for additional information and pricing. 123farmworks.com/ezsteer.htm

AgGPS 252 GPS receiver with AgGPS Autoseed Fast Restart technology

What is AgGPS Autoseed Fast Restart technology?

With the evolution of OmniSTAR HP¹, the AgGPS[®] 252 multi-function receiver has enabled farmers to gain a whole new level of accuracy without the need for local base-station support. The OmniSTAR HP signal has been found to be an excellent solution for Agriculture applications. The signal type requires a convergence period to gain sub 2-inch pass-to-pass accuracy. AgGPS Autoseed[™] Fast Restart Technology is Trimble AgGPS exclusive technology developed to greatly reduce the time needed for convergence upon an AgGPS 252 power cycle.

How does AgGPS Autoseed Fast Restart technology work?

Once OmniSTAR HP has initially converged, Autoseed technology allows the user to cycle power on the AgGPS 252, and obtains similar accuracy levels as to those achieved prior to shutdown. Through advanced GPS technology, Autoseed technology utilizes the GPS position at power-down to provide a quick and efficient start-up. The user simply starts the system, allows the receiver to acquire the appropriate satellites, and is ready for operation.

How do I ensure proper operation and maximum performance with the new AgGPS Autoseed Fast Restart technology?

To ensure proper operation and customer satisfaction, the vehicle must remain in the same location from shutdown to start up to benefit from Autoseed technology. It is recommended that you work with your reseller to fully understand how the Autoseed technology works and to ensure optimal performance.

***Note:** Vehicle movement will result in unsatisfactory performance including longer convergence times and positional offsets. To benefit from Autoseed technology, the vehicle should be shutdown with a clear view of the sky and not moved before powering up again.*

When will the AgGPS Autoseed Fast Restart technology be available?

Trimble Autoseed technology will be available for the AgGPS 252 receiver and the new AgGPS EZ-Guide 252 lightbar guidance system in September 2004. AgGPS Autopilot[™] will support Autoseed technology with a user interface starting in October 2004.

How will AgGPS Autoseed Fast Restart technology benefit my operation?

Reducing the time taken for convergence after a power cycle means more time in the field and less time waiting for desired accuracy levels and the readiness of system operation. Therefore, Autoseed technology improves efficiency and overall profit.

¹ OmniSTAR HP requires a subscription from OmniSTAR

How do I get AgGPS Autoseed Fast Restart Technology into an existing AgGPS 252 receiver?

The Autoseed technology will be enabled within AgGPS 252 firmware version 2.11. The functionality is configurable ON or OFF, based on the customer's preference.

How much does AgGPS Autoseed Fast Restart Technology cost?

With Trimble's continued dedication to customer satisfaction; the Autoseed technology will be an available option within firmware version 2.11 free of charge (Available September 2004). Simply download the firmware from the Trimble web site, re-flash the AgGPS 252, turn on Autoseed technology, and it is enabled.

Where can I receive additional information on AgGPS Autoseed Fast Restart Technology?

For more information on Autoseed technology, please contact your local Trimble representative.