

The Lassen SK II GPS receiver is provided with a battery backup power input on pin 4 of the 8-pin I/O connector. Battery backup power is used to keep RAM memory data alive and to power the real-time clock when main power is not applied. Use of battery backup power will provide faster startup times (hot start or warm start performance) and to retain certain user configuration settings that are stored only in RAM. Trimble recommends the use of battery backup in all applications.

When installing the Lassen SK II GPS receiver, be sure to apply battery backup power (pin 4) at least five (5) seconds before application of main power (pin 2).

In rare instances, the Lassen SK II GPS receiver may not properly initialize the communication port during startup. Should the receiver fail to communicate on startup, recycling power will clear the condition. Application of battery backup power will prevent problems with communication port startup.

On initial installation of a Lassen SK II in a vehicle application, be sure battery backup power is applied before main power.