

**Summary:** If a Series 4000 receiver fails to acquire a new constellation, exhibits firmware anomalies, or exhibits a lockup, you will need to do a hard reset. Doing a hard reset will not affect any data that is stored in the receiver. This TIP includes instructions for doing a hard reset on a Series 4000 (DL2, DS, RL2, RS, SE, SI, SSE, SSI) receiver.

### How to Do a Hard Reset on a Series 4000 Receiver

- a. Supply power to the receiver, making sure that the receiver is powered off.
- b. Hold down both the [Clear] and [Log Data] keys.
- c. While holding down these two keys, press and release the [Power] key.
- d. Continue holding down the [Clear] and [Log Data] keys until the receiver beeps once. The receiver may display, for example, the following:

```
4000 SSE GEODETIC SURVEYOR   |   CLEAR ALL
TEST MENU
SETUP/CONTROL
```

- e. Select the top black softkey which states CLEAR ALL. The following screen will appear.

```
      CLEAR MEMORY                |
CAUTION: PRESSING <YES> WILL CAUSE | YES
ALL NON-VOLATILE RAM TO BE ERASED!! |
RECEIVER WILL RESTART             | NO
```

- f. Select **YES**. A hard reset has now been performed. The receiver will go through its normal power-up sequence.

**Note:** Performing a hard reset procedure will cause the receiver to lose its almanac. To renew the almanac, you will need to place the receiver outside with the antenna hooked up and powered on. Make sure the antenna has a clear view of the sky. You will not need to log a survey. Allow the receiver to sit for either approximately 15 minutes.

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